

State of Maine
Master Score Sheet

RFP# 202106082						
2021 Grants for Stream Crossing Infrastructure Improvements						
Bidder Name:		2021R-01: Alna, Egypt Road	2021R-02: Bangor, Essex Street	2021R-03: Biddeford, Landry Street	2021R-04: Bradford, Lagrange Road	
Proposed Cost:		\$125,000	\$125,000	\$125,000	\$125,000	
Scoring Sections		Points Available				
Section I: Applicability		Pass/Fail	Pass	Pass	Pass	Fail
Section II: Public Infrastructure Information/Public Safety		25	14	13	12	Not scored
Section III: Benefits to Fish & Wildlife		50	45	20	23	Not scored
Section IV: Cost Efficiency and Effectiveness		25	17	11	12	Not scored
TOTAL		<u>100</u>	<u>76</u>	<u>44</u>	<u>47</u>	<u>0</u>
Bidder Name:		2021R-05: Bridgton, Wildwood Road	2021R-06: Brooklin, Hale's Hill Road	2021R-07: Brownfield, Phen Road	2021R-08: Buckfield, Bear Pond Road	
Proposed Cost:		\$125,000	\$100,000	\$125,000	\$120,000	
Scoring Sections		Points Available				
Section I: Applicability		Pass/Fail	Pass	Fail	Pass	Pass
Section II: Public Infrastructure Information/Public Safety		25	16	Not scored	12	18
Section III: Benefits to Fish & Wildlife		50	23	Not scored	43	39
Section IV: Cost Efficiency and Effectiveness		25	10	Not scored	18	11
TOTAL		<u>100</u>	<u>49</u>	<u>0</u>	<u>73</u>	<u>68</u>

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RFP# 202106082						
2021 Grants for Stream Crossing Infrastructure Improvements						
Bidder Name:		2021R-09: Burnham, Pond Road	2021R-10: Chapman, West Chapman Road	2021R-11: China, Ingraham Road	2021R-12: Clinton, True Road	
Proposed Cost:		\$125,000	\$125,000	\$125,000	\$125,000	
Scoring Sections	Points Available					
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass	
Section II: Public Infrastructure Information/Public Safety	25	12	16	14	15	
Section III: Benefits to Fish & Wildlife	50	25	25	25	37	
Section IV: Cost Efficiency and Effectiveness	25	15	15	10	17	
TOTAL	<u>100</u>	<u>52</u>	<u>56</u>	<u>49</u>	<u>69</u>	
Bidder Name:		2021R-13: Cornville, Molunkus Road	2021R-14: Deer Isle, Sunshine Road	2021R-15: Dixmont, South Road	2021R-16: Ellsworth, Red Bridge Road	
Proposed Cost:		\$125,000	\$125,000	\$125,000	\$125,000	
Scoring Sections	Points Available					
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass	
Section II: Public Infrastructure Information/Public Safety	25	14	17	12	10	
Section III: Benefits to Fish & Wildlife	50	28	38	43	24	
Section IV: Cost Efficiency and Effectiveness	25	17	17	12	16	
TOTAL	<u>100</u>	<u>59</u>	<u>72</u>	<u>67</u>	<u>50</u>	

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2021 Grants for Stream Crossing Infrastructure Improvements						
Bidder Name:		2021R-17: Enfield, Mohawk Rd South	2021R-18: Enfield, Mohawk Rd North	2021R-19: Garland, Campbell Road	2021R-20: Garland, Oliver Hill Road	
Proposed Cost:		\$125,000	\$125,000	\$125,000	\$125,000	
Scoring Sections	Points Available					
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass	
Section II: Public Infrastructure Information/Public Safety	25	12	15	12	12	
Section III: Benefits to Fish & Wildlife	50	32	30	35	34	
Section IV: Cost Efficiency and Effectiveness	25	11	11	11	14	
TOTAL	<u>100</u>	<u>55</u>	<u>56</u>	<u>58</u>	<u>60</u>	
Bidder Name:		2021R-21: Gorham, Westcott Road	2021R-22: Hartland, Beans Corner Road II	2021R-23: Levant, Horseback Road	2021R-24: Lewiston, Old Webster Road	
Proposed Cost:		\$125,000	\$125,000	\$125,000	\$125,000	
Scoring Sections	Points Available					
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass	
Section II: Public Infrastructure Information/Public Safety	25	12	14	9	9	
Section III: Benefits to Fish & Wildlife	50	31	28	24	31	
Section IV: Cost Efficiency and Effectiveness	25	15	12	13	16	
TOTAL	<u>100</u>	<u>58</u>	<u>54</u>	<u>46</u>	<u>56</u>	

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2021 Grants for Stream Crossing Infrastructure Improvements						
Bidder Name:		2021R-25: Milo, Medford Road	2021R-26: Norridgewock, Red Barn Road	2021R-27: Norridgewock, Winding Hill Road	2021R-28: North Yarmouth, Sweetser Road	
Proposed Cost:		\$125,000	\$125,000	\$125,000	\$125,000	
Scoring Sections		Points Available				
Section I: Applicability		Pass/Fail	Pass	Pass	Pass	Pass
Section II: Public Infrastructure Information/Public Safety		25	19	10	14	16
Section III: Benefits to Fish & Wildlife		50	40	25	28	38
Section IV: Cost Efficiency and Effectiveness		25	15	12	12	17
TOTAL		<u>100</u>	<u>74</u>	<u>47</u>	<u>54</u>	<u>71</u>
Bidder Name:		2021R-29: Old Orchard Beach, Old Orchard Road	2021R-30: Peru, Dickvale Road	2021R-31: Phillips, East Madrid Road	2021R-32: Pittston, Blodgett Road	
Proposed Cost:		\$125,000	\$48,000	\$125,000	\$125,000	
Scoring Sections		Points Available				
Section I: Applicability		Pass/Fail	Fail	Fail	Pass	Pass
Section II: Public Infrastructure Information/Public Safety		25	Not scored	Not scored	16	16
Section III: Benefits to Fish & Wildlife		50	Not scored	Not scored	47	26
Section IV: Cost Efficiency and Effectiveness		25	Not scored	Not scored	11	11
TOTAL		<u>100</u>	<u>0</u>	<u>0</u>	<u>74</u>	<u>53</u>

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Bidder Name:		2021R-33: Pittston, Pinkham Road	2021R-34: Richmond, Beedle Road (West)	2021R-35: Richmond, Beedle Road (East)	2021R-36: Rockport, West Street Extension	
Proposed Cost:		\$125,000	\$125,000	\$125,000	\$125,000	
Scoring Sections	Points Available					
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass	
Section II: Public Infrastructure Information/Public Safety	25	21	20	18	16	
Section III: Benefits to Fish & Wildlife	50	32	30	31	22	
Section IV: Cost Efficiency and Effectiveness	25	16	18	14	17	
TOTAL	<u>100</u>	<u>69</u>	<u>68</u>	<u>63</u>	<u>55</u>	
Bidder Name:		2021R-37: Rockport, Robinson Drive	2021R-38: Rumford, Prospect Avenue	2021R-39: Skowhegan, Steward Hill Road	2021R-40: Standish, Moody Road	
Proposed Cost:		\$125,000	\$125,000	\$125,000	\$125,000	
Scoring Sections	Points Available					
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass	
Section II: Public Infrastructure Information/Public Safety	25	23	10	17	14	
Section III: Benefits to Fish & Wildlife	50	23	27	31	32	
Section IV: Cost Efficiency and Effectiveness	25	19	16	16	11	
TOTAL	<u>100</u>	<u>65</u>	<u>53</u>	<u>64</u>	<u>57</u>	

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2021 Grants for Stream Crossing Infrastructure Improvements						
Bidder Name:		2021R-41: Starks, Locke Hill Road	2021R-42: Temple, Mitchell Brook Road	2021R-43: Tremont, Dix Point Road	2021R-44: York, Parsons Road	
Proposed Cost:		\$125,000	\$125,000	\$42,500	\$125,000	
Scoring Sections		Points Available				
Section I: Applicability		Pass/Fail	Pass	Pass	Pass	Pass
Section II: Public Infrastructure Information/Public Safety		25	22	18	16	16
Section III: Benefits to Fish & Wildlife		50	45	46	29	37
Section IV: Cost Efficiency and Effectiveness		25	14	12	12	17
TOTAL		<u>100</u>	<u>81</u>	<u>76</u>	<u>57</u>	<u>70</u>



JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Charles Culbertson
Town of Alna
1574 Alna Rd
Alna, ME 04535

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Charles:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

Alna	Egypt Road	\$125,000.00	Milo	Medford Road	\$125,000.00
Brownfield	Phen Road	\$125,000.00	Norridgewock	Winding Hill Road	\$125,000.00
Buckfield	Bear Pond Road	\$120,000.00	North Yarmouth	Sweetser Road	\$125,000.00
Burnham	Pond Rd	\$125,000.00	Phillips	East Madrid Road	\$125,000.00
Chapman	West Chapman Road	\$125,000.00	Pittston	Pinkham Road	\$125,000.00
Clinton	True Road	\$125,000.00	Pittston	Blodgett Road	\$125,000.00
Cornville	Molunkus Road	\$125,000.00	Richmond	Beedle Road (West)	\$125,000.00
Deer Isle	Sunshine Road	\$125,000.00	Richmond	Beedle Road (East)	\$125,000.00
Dixmont	South Road	\$125,000.00	Rockport	Robinson Drive	\$125,000.00
Ellsworth	Red Bridge Road	\$125,000.00	Rockport	West Street Extension	\$125,000.00
Enfield	Mohawk Rd North	\$125,000.00	Rumford	Prospect Avenue	\$125,000.00
Enfield	Mohawk Rd South	\$125,000.00	Skowhegan	Steward Hill Road	\$125,000.00
Garland	Oliver Hill Road	\$125,000.00	Standish	Moody Road	\$125,000.00
Garland	Campbell Road	\$125,000.00	Starks	Locke Hill Road	\$125,000.00
Gorham	Westcott Road	\$125,000.00	Temple	Mitchell Brook Road	\$125,000.00
Hartland	Beans Corner Road II	\$125,000.00	Tremont	Dix Point Road	\$42,500.00
Lewiston	Old Webster Road	\$125,000.00	York	Parsons Road	\$125,000.00

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PRESQUE ISLE, MAINE 04769
(207) 764-0477 FAX: (207) 760-3143

The bidders listed above received the evaluation team's highest rankings. The Department will be contacting the aforementioned bidders soon to negotiate a contract. As provided in the RFP, the Notice of Conditional Contract Award is subject to execution of a written contract and, as a result, this Notice does NOT constitute the formation of a contract between the Department and the apparent successful vendor. The vendor shall not acquire any legal or equitable rights relative to the contract services until a contract containing terms and conditions acceptable to the Department is executed. The Department further reserves the right to cancel this Notice of Conditional Contract Award at any time prior to the execution of a written contract.

As stated in the RFA, following announcement of this award decision, all submissions in response to the RFP are considered public records available for public inspection pursuant to the State of Maine Freedom of Access Act (FOAA). 1 M.R.S. §§ 401 et seq.; 5 M.R.S. § 1825-B (6).

This award decision is conditioned upon final approval by the State Procurement Review Committee and the successful negotiation of a contract. A Statement of Appeal Rights has been provided with this letter; see below.

Thank you for your interest in enhancing the stream crossings in your community.

Sincerely,



John Maclaine
Innovation and Assistance
Department of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017
207-615-3279 (direct)
207-287-2814 (fax)
john.maclaine@maine.gov

STATEMENT OF APPEAL RIGHTS

Any person aggrieved by an award decision may request an appeal hearing. The request must be made to the Director of the Bureau of General Services, in writing, within 15 days of notification of the contract award as provided in 5 M.R.S. § 1825-E (2) and the Rules of the Department of Administrative and Financial Services, Bureau of General Services, Division of Purchases, Chapter 120, § (2) (2).



JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Richard May
City of Bangor
73 Harlow Street
Bangor, ME 04401

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Richard:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Buckfield	Bear Pond Road	\$120,000.00	North Yarmouth	Sweetser Road	\$125,000.00
Burnham	Pond Rd	\$125,000.00	Phillips	East Madrid Road	\$125,000.00
Chapman	West Chapman Road	\$125,000.00	Pittston	Pinkham Road	\$125,000.00
Clinton	True Road	\$125,000.00	Pittston	Blodgett Road	\$125,000.00
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Deer Isle	Sunshine Road	\$125,000.00	Richmond	Beedle Road (East)	\$125,000.00
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Ellsworth	Red Bridge Road	\$125,000.00	Rockport	West Street Extension	\$125,000.00
Enfield	Mohawk Rd North	\$125,000.00	Rumford	Prospect Avenue	\$125,000.00
Enfield	Mohawk Rd South	\$125,000.00	Skowhegan	Steward Hill Road	\$125,000.00
Garland	Oliver Hill Road	\$125,000.00	Standish	Moody Road	\$125,000.00
Garland	Campbell Road	\$125,000.00	Starks	Locke Hill Road	\$125,000.00
Gorham	Westcott Road	\$125,000.00	Temple	Mitchell Brook Road	\$125,000.00
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The bidders listed above received the evaluation team's highest rankings. The Department will be contacting the aforementioned bidders soon to negotiate a contract. As provided in the RFP, the Notice of Conditional Contract Award is subject to execution of a written contract and, as a result, this Notice does NOT constitute the formation of a contract between the Department and the apparent successful vendor. The vendor shall not acquire any legal or equitable rights relative to the contract services until a contract containing terms and conditions acceptable to the Department is executed. The Department further reserves the right to cancel this Notice of Conditional Contract Award at any time prior to the execution of a written contract.

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Thank you for your interest in enhancing the stream crossings in your community.

Sincerely,



John Maclaine
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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Craig Chekan
City of Biddeford
205 Main Street
Biddeford, ME 04005

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Craig:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Thank you for your interest in enhancing the stream crossings in your community.

Sincerely,



John Maclaine
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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Vittoria Stevens
Town of Bradford
PO Box 26
Bradford, ME 04410

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Torri:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Sincerely,



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Department of Environmental Protection
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john.maclaine@maine.gov

STATEMENT OF APPEAL RIGHTS

Any person aggrieved by an award decision may request an appeal hearing. The request must be made to the Director of the Bureau of General Services, in writing, within 15 days of notification of the contract award as provided in 5 M.R.S. § 1825-E (2) and the Rules of the Department of Administrative and Financial Services, Bureau of General Services, Division of Purchases, Chapter 120, § (2) (2).



JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Nikki Hamlin
Town of Bridgton
3 Chase Street, Suite 1
Bridgton, ME 04409

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Nikki:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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The bidders listed above received the evaluation team's highest rankings. The Department will be contacting the aforementioned bidders soon to negotiate a contract. As provided in the RFP, the Notice of Conditional Contract Award is subject to execution of a written contract and, as a result, this Notice does NOT constitute the formation of a contract between the Department and the apparent successful vendor. The vendor shall not acquire any legal or equitable rights relative to the contract services until a contract containing terms and conditions acceptable to the Department is executed. The Department further reserves the right to cancel this Notice of Conditional Contract Award at any time prior to the execution of a written contract.

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This award decision is conditioned upon final approval by the State Procurement Review Committee and the successful negotiation of a contract. A Statement of Appeal Rights has been provided with this letter; see below.

Thank you for your interest in enhancing the stream crossings in your community.

Sincerely,



John Maclaine
Innovation and Assistance
Department of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017
207-615-3279 (direct)
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john.maclaine@maine.gov

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Dave Riley, Selectman
Town of Brooklin
PO Box 219
Brooklin, ME 04616

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Dave:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Sincerely,



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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Clifton Cousins, Road Foreman
Town of Brownfield
82 Main Street
Brownfield, ME 04010

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Clifton:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Sincerely,



John Maclaine
Innovation and Assistance
Department of Environmental Protection
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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Lorna Dee Nichols
Town of Buckfield
P.O. Box 179
Buckfield, ME 04220

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Lorna:

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Department of Environmental Protection
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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Charlie King
Town of Burnham
247 Horseback Rd
Burnham, ME

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Charlie:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Sandra Fournier, Town Manager
Town of Chapman
PO Box 500
Mapleton, ME 04757-0500

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Sandra:

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Sincerely,



John Maclaine
Innovation and Assistance
Department of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017
207-615-3279 (direct)
207-287-2814 (fax)
john.maclaine@maine.gov

STATEMENT OF APPEAL RIGHTS

Any person aggrieved by an award decision may request an appeal hearing. The request must be made to the Director of the Bureau of General Services, in writing, within 15 days of notification of the contract award as provided in 5 M.R.S. § 1825-E (2) and the Rules of the Department of Administrative and Financial Services, Bureau of General Services, Division of Purchases, Chapter 120, § (2) (2).



JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Rebecca Hapgood
Town of China
571 Lakeview Dr
China, ME 04358

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Rebecca:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Enfield	Mohawk Rd South	\$125,000.00	Skowhegan	Steward Hill Road	\$125,000.00
Garland	Oliver Hill Road	\$125,000.00	Standish	Moody Road	\$125,000.00
Garland	Campbell Road	\$125,000.00	Starks	Locke Hill Road	\$125,000.00
Gorham	Westcott Road	\$125,000.00	Temple	Mitchell Brook Road	\$125,000.00
Hartland	Beans Corner Road II	\$125,000.00	Tremont	Dix Point Road	\$42,500.00
Lewiston	Old Webster Road	\$125,000.00	York	Parsons Road	\$125,000.00

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The bidders listed above received the evaluation team's highest rankings. The Department will be contacting the aforementioned bidders soon to negotiate a contract. As provided in the RFP, the Notice of Conditional Contract Award is subject to execution of a written contract and, as a result, this Notice does NOT constitute the formation of a contract between the Department and the apparent successful vendor. The vendor shall not acquire any legal or equitable rights relative to the contract services until a contract containing terms and conditions acceptable to the Department is executed. The Department further reserves the right to cancel this Notice of Conditional Contract Award at any time prior to the execution of a written contract.

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This award decision is conditioned upon final approval by the State Procurement Review Committee and the successful negotiation of a contract. A Statement of Appeal Rights has been provided with this letter; see below.

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Sincerely,



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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Frank Gioffre
Town of Clinton
27 Baker Street
Clinton, ME 04927

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Frank:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Mel Blaisdell
Town of Cornville
509 W Ridge Rd
Cornville, ME 04976

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Mel:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

James H. Fisher, Town Manager
Town of Deer Isle
PO Box 46
Deer Isle, ME 04627

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear James:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

David Bright
Town of Dixmont
PO Box 100
Dixmont, ME 04932

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear David:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Lisa Sekulich, P.E.
City of Ellsworth
1 City Hall Plaza
Ellsworth, ME 04605

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Lisa:

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This award decision is conditioned upon final approval by the State Procurement Review Committee and the successful negotiation of a contract. A Statement of Appeal Rights has been provided with this letter; see below.

Thank you for your interest in enhancing the stream crossings in your community.

Sincerely,



John Maclaine
Innovation and Assistance
Department of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017
207-615-3279 (direct)
207-287-2814 (fax)
john.maclaine@maine.gov

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Charles Frazier
Town of Enfield
789 Hammett Road
Enfield, ME 04493

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Charles:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Dakota Bates-Moody
Town of Garland
108 Corinth Road
Garland, ME 04939

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Dakota:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Terry Deering
Town of Gorham
80 Huston Road
Gorham, ME 04038

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Terry:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Chris Littlefield
Town of Hartland
PO Box 280
Hartland, ME 04943

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Chris:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Scott Pullen
Town of Levant
PO Box 220, 691 Town House Road
Levant, ME 04456

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Scott:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

John Kuchinski
City of Lewiston
27 Pine Street
Lewiston, ME 04039

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear John:

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This award decision is conditioned upon final approval by the State Procurement Review Committee and the successful negotiation of a contract. A Statement of Appeal Rights has been provided with this letter; see below.

Thank you for your interest in enhancing the stream crossings in your community.

Sincerely,



John Maclaine
Innovation and Assistance
Department of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017
207-615-3279 (direct)
207-287-2814 (fax)
john.maclaine@maine.gov

STATEMENT OF APPEAL RIGHTS

Any person aggrieved by an award decision may request an appeal hearing. The request must be made to the Director of the Bureau of General Services, in writing, within 15 days of notification of the contract award as provided in 5 M.R.S. § 1825-E (2) and the Rules of the Department of Administrative and Financial Services, Bureau of General Services, Division of Purchases, Chapter 120, § (2) (2).



JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Mike Conley
Town of Milo
6 Pleasant Street
Milo, ME 04463

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Mike:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Garland	Campbell Road	\$125,000.00	Starks	Locke Hill Road	\$125,000.00
Gorham	Westcott Road	\$125,000.00	Temple	Mitchell Brook Road	\$125,000.00
Hartland	Beans Corner Road II	\$125,000.00	Tremont	Dix Point Road	\$42,500.00
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Sincerely,



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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Richard LaBelle
Town of Norridgewock
16 Perkins Street, PO Box 7
Norridgewock, ME 04957

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Richard:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Thank you for your interest in enhancing the stream crossings in your community.

Sincerely,



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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Clark Batson
Town of North Yarmouth
10 Village Square Rd
North Yarmouth, ME 04097

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Clark:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Department of Environmental Protection
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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Diana Asanza
Town of Old Orchard Beach
1 Portland Ave
Old Orchard Beach, ME 04064

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Diana:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Brad Hutchings
Town of Peru
PO Box 429
Peru, ME 04290

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Brad:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Maureen Haley, Town manager
Town of Phillips
124 Main Street
Phillips, ME 04966

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Maureen:

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BANGOR, MAINE 04401
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PORTLAND
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PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
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PRESQUE ISLE, MAINE 04769
(207) 764-0477 FAX: (207) 760-3143

The bidders listed above received the evaluation team's highest rankings. The Department will be contacting the aforementioned bidders soon to negotiate a contract. As provided in the RFP, the Notice of Conditional Contract Award is subject to execution of a written contract and, as a result, this Notice does NOT constitute the formation of a contract between the Department and the apparent successful vendor. The vendor shall not acquire any legal or equitable rights relative to the contract services until a contract containing terms and conditions acceptable to the Department is executed. The Department further reserves the right to cancel this Notice of Conditional Contract Award at any time prior to the execution of a written contract.

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This award decision is conditioned upon final approval by the State Procurement Review Committee and the successful negotiation of a contract. A Statement of Appeal Rights has been provided with this letter; see below.

Thank you for your interest in enhancing the stream crossings in your community.

Sincerely,



John Maclaine
Innovation and Assistance
Department of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017
207-615-3279 (direct)
207-287-2814 (fax)
john.maclaine@maine.gov

STATEMENT OF APPEAL RIGHTS

Any person aggrieved by an award decision may request an appeal hearing. The request must be made to the Director of the Bureau of General Services, in writing, within 15 days of notification of the contract award as provided in 5 M.R.S. § 1825-E (2) and the Rules of the Department of Administrative and Financial Services, Bureau of General Services, Division of Purchases, Chapter 120, § (2) (2).



JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Mary Jean Ambrose
Town of Pittston
38 Whitefield Road
Pittston, ME 04345

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Mary:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Burnham	Pond Rd	\$125,000.00	Phillips	East Madrid Road	\$125,000.00
Chapman	West Chapman Road	\$125,000.00	Pittston	Pinkham Road	\$125,000.00
Clinton	True Road	\$125,000.00	Pittston	Blodgett Road	\$125,000.00
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Enfield	Mohawk Rd South	\$125,000.00	Skowhegan	Steward Hill Road	\$125,000.00
Garland	Oliver Hill Road	\$125,000.00	Standish	Moody Road	\$125,000.00
Garland	Campbell Road	\$125,000.00	Starks	Locke Hill Road	\$125,000.00
Gorham	Westcott Road	\$125,000.00	Temple	Mitchell Brook Road	\$125,000.00
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Thank you for your interest in enhancing the stream crossings in your community.

Sincerely,



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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Laurisa Loon, Town Manager
Town of Richmond
26 Gardiner Street
Richmond, ME 04357

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Laurisa:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Sincerely,



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Innovation and Assistance
Department of Environmental Protection
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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Jonathan Duke
Town of Rockport
101 Main Street
Rockport, ME 04856

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Jonathan:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Thank you for your interest in enhancing the stream crossings in your community.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John Maclaine', with a long horizontal flourish extending to the right.

John Maclaine
Innovation and Assistance
Department of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017
207-615-3279 (direct)
207-287-2814 (fax)
john.maclaine@maine.gov

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Dale Roberts
Town of Rumford
145 Congress Street
Rumford, ME 04276

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Dale:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Department of Environmental Protection
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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Don Kinney
Town of Skowhegan
225 Water Street
Skowhegan, ME 04976

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Don:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Department of Environmental Protection
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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Roger Mosley
Town of Standish
175 Northeast Rd, Rte 35
Standish, ME 04084

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Roger:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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Thank you for your interest in enhancing the stream crossings in your community.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John Maclaine', with a long horizontal flourish extending to the right.

John Maclaine
Innovation and Assistance
Department of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017
207-615-3279 (direct)
207-287-2814 (fax)
john.maclaine@maine.gov

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Ernie Hilton
Town of Starks
57 Anson Rd
Starks, ME 04911

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Ernie:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Robert Van Riper
Town of Temple
PO Box 549
Temple, ME 04984

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Robert:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Jesse Dunbar
Town of Tremont
PO Box 159
Bernard, ME 04612

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Jesse:

This letter is in regard to the subject Request for Applications (RFA) #202106082, issued by the State of Maine Department of Environmental Protection for 2021 Stream Crossing Public Infrastructure Improvement Projects. The Department received 44 proposals and has evaluated the proposals received using the evaluation criteria identified in the RFP, and the Department is hereby announcing its conditional contract awards to the following bidders:

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JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

March 7, 2022

Dean Lessard
Town of York
186 York Street
York, ME 03909

**SUBJECT: Notice of Conditional Contract Awards under RFA # 202106082,
2021 Stream Crossing Public Infrastructure Improvement Projects**

Dear Dean:

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**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-01 Alna, Egypt Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	45
Section IV: Cost Efficiency and Effectiveness	25	17
<u>Total Points</u>	<u>100</u>	<u>76</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-01 Alna, Egypt Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Alna

Charles Culbertson

Consultant/Agent Info:

Randy Butler, Dirigo Engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-01 Alna, Egypt Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14

Evaluation Team Comments:

Town Name: Alna
Road name: Egypt Road
Stream Name: Ben Brook

Existing Culvert Size & Material: 10'Rx55'L, CMP

Crossing Age: 26 years

Bankfull width and method: 21.3. Multiple Field Average

New Structure size & type: 26'Sx16'Hx28'L, Bridge
Contacted DOT Bridge Program if 10' or greater?: Yes, design reviewed

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: No overtopping, crossing undersized-high velocities. MDOT inspected the downstream headwall and determined it to be deficient and in need of repair.

Change in culvert width: 2.6
 not imminent failure, slip lined?

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: every year or two

Impact

Cut Offs: 0
Detours: 10.7 miles -25 Residences, 1 Business
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:91; homes, 1000-acre Hidden Valley Nature Center
 In 2013, and again in 2021, the Town of Alna received a "bad bridge letter" from the MDOT
 not a heavily used road, no cut offs long detour

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-01 Alna, Egypt Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	45

Evaluation Team Comments:

Field work: Stream Smart Longitudinal profile survey

Bankfull width, method, & confidence: 21.3

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: Stream Smart Longitudinal profile survey

Additional Comments: ledge may be issue but is being addressed with rock weirs, blasting of ledge, good field work and prep/design, open bottom
 \$105k in engineering

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 3747

Benefits to Fish & Wildlife: ATS CH, ATS DPS, 77.4 Units ATS Class 1 & 3 modelled habitat
 ATS CH, ATS DPS, 77.4 Units ATS Class 1 & 3 modelled habitat

Water quality improvements: large DS scour pool

Support letters, other notable benefits: High priority habitat area, support from Sean Ledwin (DMR), Jason Seiders (IFW)

DMR Resource/Habitat Comments: Surveyed ATS spawning and rearing habitat immediately downstream

IFW Resource/Habitat Comments: No water when surveyed in 1999.
 lots of habitat above, good improvements and good habitats available

Habitat Opened/Improved: upstream habitat- 7.6 miles

ATS CH, ATS DPS, 77.4 Units ATS Class 1 & 3 modelled habitat

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-01 Alna, Egypt Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

Fish present, source of info: sampling data, which indicate the presence of Atlantic salmon, and American eels as well as the following minnow species during 2006 and 1999 surveys: white sucker, black nosed dais, creek chub, and common shiner

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	17

Evaluation Team Comments:

Requested funding: \$\$125,000

Total Project Cost: \$570000

Total Match: \$445000

% Match proposed: 78.07%

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: 60000

Construction year: 2022, 6 weeks

Feasibility for success: other funding not yet secured, but good overall project. Higher engineering costs

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-02 Bangor, Essex Street

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	13
Section III: Benefits to Fish & Wildlife	50	20
Section IV: Cost Efficiency and Effectiveness	25	11
<u>Total Points</u>	<u>100</u>	<u>44</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-02 Bangor, Essex Street

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

City of Bangor
Richard May

Consultant/Agent Info:

n/a, city engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-02 Bangor, Essex Street
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	13

Evaluation Team Comments:

Town Name: Bangor
Road name: Essex Street
Stream Name: Unnamed tributary to Penjajawoc Stream

Existing Culvert Size & Material: 5.5'Wx3.5xHx27'L, OB-concrete, stone

Crossing Age: 65+ years

Bankfull width and method: 6.63. Multiple Field Average

New Structure size & type: 10'Sx5'H x 56'L, 4 Sided Concrete Box
Contacted DOT Bridge Program if 10' or greater?: No

Estimated time to failure: 5-10 years

Previous flooding or failure events, documentation, culvert condition, age: Yes, flooding due to "snow curb" during melt, incorporates drainage improvements. Dry stack stones failing

Change in culvert width: 1.8x
 not imminent failure, flooding due to non-stream impacts

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 0
Detours: 6.25 miles, 70 homes, 1 business
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:2934
 travel to/from Orono disrupted
 flooding damage, photos - narrow roadway, high crash location, fatal accident in 2019
 highly travelled road, high speed,

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-02 Bangor, Essex Street
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	20

Evaluation Team Comments:

Field work: Topo survey, conceptual design

Bankfull width, method, & confidence: 6.63

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes, not yet completed

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Embedded

Banks within structure? Yes

Type of bottom - MDOT Type D Gravel

New Structure considerations: Topo survey, conceptual design

Additional Comments: don't know slope or skew, no survey good BFW measurements, closed bottom structure

\$10,000 in engineering-city staff

Barrier status, source: No Barrier

Maine Stream Habitat Viewer ID: 1094

Benefits to Fish & Wildlife: ATC CH, 21.13 ATS Modelled habitat rearing units

ATC CH, 21.13 ATS Modelled habitat rearing units

Water quality improvements: Penjajawoc Stream is Urban Impaired Stream, improved hydraulic and habitat connectivity with increased structure size

Support letters, other notable benefits: No contact with fisheries agencies

DMR Resource/Habitat Comments: Modeled ATS rearing habitat; above Penjajawoc Marsh

IFW Resource/Habitat Comments: No data available

not a barrier no fish, water quality benefit from project

Habitat Opened/Improved: upstream habitat- 0 miles, not a barrier

ATC CH, 21.13 ATS Modelled habitat rearing units

Fish present, source of info: none listed, impaired

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-02 Bangor, Essex Street

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	11

Evaluation Team Comments:

Requested funding: \$\$125,000

Total Project Cost: \$250000

Total Match: \$\$125,000

% Match proposed: 50%

Engineering

To be stamped?: Yes

Level of plan included: Conceptual Plan

Army Corp Permit info: No Contact

Costs over previous 10 years: \$300 for riprap

Construction year: 2023

Feasibility for success: budget items are vague, but funding from budget

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-03 Biddeford, Landry Street

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12
Section III: Benefits to Fish & Wildlife	50	23
Section IV: Cost Efficiency and Effectiveness	25	12
<u>Total Points</u>	<u>100</u>	<u>47</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-03 Biddeford, Landry Street

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

City of Biddeford

Craig Chekan

Consultant/Agent Info:

Steve Blake, BH2M Engineers

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-03 Biddeford, Landry Street
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12

Evaluation Team Comments:

Town Name: Biddeford
Road name: Landry Street
Stream Name: Richardson Brook

Existing Culvert Size & Material: ~3'Wx2'Hx70'L, CMP

Crossing Age: 25+ years

Bankfull width and method: 4.38. Multiple Field Average

New Structure size & type: 6'Sx6'Hx70'L, Open Bottom Concrete Box
Contacted DOT Bridge Program if 10' or greater?: No

Estimated time to failure: 3-5 years

Previous flooding or failure events, documentation, culvert condition, age: No flooding or damage reported, undersized

Change in culvert width: 2
 condition is OK, undersized but no current damage

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 0

Detours: 1 Mile; 10 Homes, 14 Businesses, 3 critical infrastructure

Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:3136

culvert is located approximately 0.5 miles from the City's public works facility, approximately 1,000 feet from the Regional Airport and approximately 1 mile from the public schools
 DOT paving moratorium after work planned in 2 years
 high traffic counts, shorter detour,

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-03 Biddeford, Landry Street
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	23

Evaluation Team Comments:

Field work: existing conditions and plan view sketch
Bankfull width, method: 4.38
Bankfull width method: Multiple Field Average
Longitudinal profile of stream beyond culvert influence completed? Yes, not yet completed

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom
Banks within structure? Yes
Type of bottom - Natural Stream Bed

New Structure considerations: existing conditions and plan view sketch
Additional Comments: sizing is high confidence, lack of field work on profile, no info on \$12000 in engineering

Barrier status, source: Barrier
Maine Stream Habitat Viewer ID: 10137

Benefits to Fish & Wildlife: ATS Modelled Habitat listed, but not present (-1.00)
 ATS Modelled Habitat listed, but not present (-1.00)

Water quality improvements: crossing is perched, Thatcher Brook is Urban Impaired Stream

Support letters, other notable benefits: Contacted IFW ER - general recommendations

DMR Resource/Habitat Comments:
IFW Resource/Habitat Comments: No salmonids; warm
 319 water quality, watershed of urban impaired stream

Habitat Opened/Improved: upstream habitat- 8.9 miles
 ATS Modelled Habitat listed, but not actually present (-1.00 in MSHV)

Fish present, source of info: none listed, impaired

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-03 Biddeford, Landry Street

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	12

Evaluation Team Comments:

Requested funding: \$\$125,000

Total Project Cost: \$161000

Total Match: \$36000

% Match proposed: 22.3%

Engineering

To be stamped?: Yes

Level of plan included: Plan View Sketch

Army Corp Permit info: No Contact

Costs over previous 10 years: \$7500

Construction year: 2022, 4 weeks

Feasibility for success: modest costs, reasonable engineering costs, lower match, funding budget

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-04 Bradford, Lagrange Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 		X
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	n/a
Section III: Benefits to Fish & Wildlife	50	n/a
Section IV: Cost Efficiency and Effectiveness	25	n/a
<u>Total Points</u>	<u>100</u>	<u>n/a</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-04 Bradford, Lagrange Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Following discussion by the grant review team, the existing crossing structure was determined to meet the definition of a bridge and does not meet the definition of a culvert in RFA#202106082. Therefore, this proposal is not currently eligible for consideration.

Contact information:

Town of Bradford

Vittoria (Torri) Stevens

Consultant/Agent Info:

Randy Butler, Dirigo Engineering

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-04- Bradford, Lagrange Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

Project does not qualify-meets definition of a bridge

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-05 Bridgton, Wildwood Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16
Section III: Benefits to Fish & Wildlife	50	23
Section IV: Cost Efficiency and Effectiveness	25	10
<u>Total Points</u>	<u>100</u>	<u>49</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-05 Bridgton, Wildwood Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Bridgton

Nikki Hamlin

Consultant/Agent Info:

Brent Bridges, Woodard & Curran

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-05 Bridgton, Wildwood Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16

Evaluation Team Comments:

Town Name: Bridgton
Road name: Wildwood Road
Stream Name: Sucker Brook

Existing Culvert Size & Material: 5'Rx25'L, RCP

Crossing Age: 60 years

Bankfull width and method: 12.17. Multiple Field Average

New Structure size & type: 15'Sx5'Hx25'L, 4 Sided Concrete Box
Contacted DOT Bridge Program if 10' or greater?: No, indicated following award

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: Flooded 2x in last 10 years, requires regular cleaning. Damage documented

Change in culvert width: 3
 condition is OK, but flooding is frequent, mention documentation but not provide

Design meets DOT 100-year flood standard: Yes?

Regularly obstruction or maintenance required?: every few months in summer during heavy rain events

Impact

Cut Offs: 8 Homes, 1 business, 1 critical infrastructure
Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:241; homes; no alternate route exists, affects Camp Wildwood, Wastewater treatment plant
 cut offs and treatment plant affected

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-05 Bridgton, Wildwood Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	23

Evaluation Team Comments:

Field work: None

Bankfull width, method: 12.17

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Embedded

Banks within structure? No (none shown in plans)

Type of bottom - Pebble count

New Structure considerations: None

Additional Comments: so much we don't know about design, slope, skew, no plans no plans or sketch included, performance criteria not completed

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 8571

Benefits to Fish & Wildlife: Wild Brook Trout Habitat

Wild Brook Trout Habitat

Water quality improvements: large DS scour pool, change in stream slope, culvert perched, impounding water US

Support letters, other notable benefits: information pending from agencies at time of application

DMR Resource/Habitat Comments:

IFW Resource/Habitat Comments: No salmonids, v. warm

2+ miles opened, stream water qual benefits,

Habitat Opened/Improved: upstream habitat- 2.14 miles

Wild Brook Trout Habitat

Fish present, source of info: Brook trout, per MSHV

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-05 Bridgton, Wildwood Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	10

Evaluation Team Comments:

Requested funding: \$\$125,000

Total Project Cost: \$231264

Total Match: \$106264

% Match proposed: 45.9%

Engineering

To be stamped?: Yes

Level of plan included: None

Army Corp Permit info: Contact

Costs over previous 10 years: none reported

Construction year: 2022

Feasibility for success: higher engineering costs, no plans, good cost estimate provided, matching funds available.

*Grant request and match do not equal total project costs shown

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-06 Brooklin, Hale's Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 		X
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	n/a
Section III: Benefits to Fish & Wildlife	50	n/a
Section IV: Cost Efficiency and Effectiveness	25	n/a
<u>Total Points</u>	<u>100</u>	<u>n/a</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-06 Brooklin, Hale's Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Following discussion by the grant review team, the existing crossing structure was determined to meet the definition of a bridge and does not meet the definition of a culvert in RFA#202106082. Therefore, this proposal is not currently eligible for consideration.

Contact information:

Town of Brooklin
Dave Riley, Selectman

Consultant/Agent Info:

Andrew McCullough, PE

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

Project does not qualify-meets definition of a bridge

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-07 Brownfield, Phen Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12
Section III: Benefits to Fish & Wildlife	50	43
Section IV: Cost Efficiency and Effectiveness	25	18
<u>Total Points</u>	<u>100</u>	<u>73</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-07 Brownfield, Phen Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Brownfield

Clifton Cousins, Road Foreman

Consultant/Agent Info:

Matt Streeter, Trout Unlimited

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-07 Brownfield, Phen Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12

Evaluation Team Comments:

Town Name: Brownfield
Road name: Phen Road
Stream Name: Cole Brook

Existing Culvert Size & Material: 2 - 5.5Sx3.5'Hx31'L, oval metal pipe

Crossing Age: unknown years

Bankfull width and method: 13.84. field average upstream only; used higher calculated value of 14'

New Structure size & type: 17.8'Sx5.4'Hx21'L, Open Bottom Concrete Box
Contacted DOT Bridge Program if 10' or greater?: No, indicated contact upon award

Estimated time to failure: 3-5 years

Previous flooding or failure events, documentation, culvert condition, age: The road was overtopped at this culvert in October of 2011 and October of 2017. undersized-hydraulic modelling. Significant rusting/deterioration, holes in culvert
Change in culvert width: 1.6181818182

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: yes, 1x per year

Impact

Cut Offs: 0
Detours: 6.21 miles; 3 detoured homes, 11 businesses, 3 crit infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:49
 emergency response delays
 low volume road, detour is around 6 miles

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-07 Brownfield, Phen Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	43

Evaluation Team Comments:

Field work: full profile, survey, restoration plan included

Bankfull width, method, & confidence: 13.84

Bankfull width method: field average upstream only; used higher calculated value of 14'

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: full profile, survey, restoration plan included

Additional Comments: upstream measurements only but using higher modelled value for sizing-good reasoning for size choice,

\$10,000 engineering costs, restoration plan included

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 10399

Benefits to Fish & Wildlife: Wild Brook Trout Habitat, historic ATS habitat -Cold water refugia, spawning, and

nursery habitat for wild Brook Trout

Wild Brook Trout Habitat, historic ATS habitat -Cold water refugia, spawning, and

nursery habitat for wild Brook Trout

Water quality improvements: DS scour pool, Cole Brook provides important cold water refugia, spawning, and nursery habitat for wild Brook Trout

Support letters, other notable benefits: Assistance from USFWS, IFW \$ as match; "MDIFW has sampled the Shephards River drainage extensively and counts it one of the best wild Brook Trout resources in southern Oxford County."

DMR Resource/Habitat Comments:

IFW Resource/Habitat Comments: Wild BKT; Good trout stream; Focus drainage for TU connectivity restoration
top priority for IFW, good habitat, last remaining barrier for watershed, cold water habitat, next one upstream replaced

Habitat Opened/Improved: upstream habitat- 2.83 miles

Wild Brook Trout Habitat, historic ATS habitat -Cold water refugia, spawning, and nursery habitat for wild Brook Trout

Fish present, source of info: Wild brook trout

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-07 Brownfield, Phen Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	18

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$135299

Total Match: \$10299

% Match proposed: 7.6

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: 1000

Construction year: 2022

Feasibility for success: lower match but has small road budget, good plan, confident in success.
Reasonable engineering costs

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-08 Buckfield, Bear Pond Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	18
Section III: Benefits to Fish & Wildlife	50	39
Section IV: Cost Efficiency and Effectiveness	25	11
<u>Total Points</u>	<u>100</u>	<u>68</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-08 Buckfield, Bear Pond Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Buckfield

Lorna Dee Nichols

Consultant/Agent Info:

Alex Abbott

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-08 Buckfield, Bear Pond Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	18

Evaluation Team Comments:

Town Name: Buckfield
Road name: Bear Pond Road
Stream Name: Drew Brook

Existing Culvert Size & Material: 4'x31'L CMP, 2 - 1.5'x31' HDPE, metal and plastic

Crossing Age: 20, 2, 2 years

Bankfull width and method: 13.5. field average 2 up 2 downstream,

New Structure size & type: 17.5'Sx8'Hx34'L, Open Bottom Concrete Box
Contacted DOT Bridge Program if 10' or greater?: No, indicated contact upon award

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: The road completely washed out around 2013 and was damaged again around 2015. Road overtopping 2-3 times over last 10 years, requires annual cleaning. Culvert is rotting and peeling up on inside, photos.

Change in culvert width: 3.5
 previous failure, regular flooding, overflow culverts

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: yes, annually
Impact

Cut Offs: 0
Detours: 15 miles; 11 homes, 25-30 businesses, 3 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:328
 long detour, emergency delays
 significant amount of commercial (logging, delivery, paving, well drilling, septic pumpers, agricultural support businesses etc.) vehicles use this road. It is a major thoroughfare between Turner, Hartford and Buckfield. The current crossing has no guard rails for safety, a new crossing as proposed would include these. long detour, delays, moderate vehicle use

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-08 Buckfield, Bear Pond Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	39

Evaluation Team Comments:

Field work: full profile, survey, restoration plan included

Bankfull width, method, & confidence: 13.5

Bankfull width method: field average 2 up 2 downstream,

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: full profile, survey, restoration plan included

Additional Comments: good sizing and field work, stream smart, stream sim well followed
7500 in engineering

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 22239

Benefits to Fish & Wildlife: ATS DPS, ATS modelled habitat 40.5 units upstream, brook trout habitat, IWWH

ATS DPS, ATS modelled habitat 40.5 units upstream, brook trout habitat, IWWH

Water quality improvements: stream simulation design, large scour pool, impounds water upstream, no upstream barriers

Support letters, other notable benefits: Paul Christman of MDMR does not consider this site to be a high priority for his office due to the number of downstream dams currently limiting access to wild Atlantic salmon. This stream has known wild Eastern brook trout habitat, represents an area of cold water streams likely to remain resilient in the face of climate change, and this crossing represents the most important barrier in this

catchment with over four miles upstream limited.

DMR Resource/Habitat Comments:

IFW Resource/Habitat Comments: Wild BKT; relatively warm

big improvement over current crossing, opens good amount of habitat opened, good quality

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-08 Buckfield, Bear Pond Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

Habitat Opened/Improved: upstream habitat- 4.15 miles

ATS DPS, ATS modelled habitat 40.5 units upstream, brook trout habitat, IWWH

Fish present, source of info: brook trout, black nosed dace, creek chub, and white suckers per IFW survey. Contact with DMR?IFW.

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	11

Evaluation Team Comments:

Requested funding: \$120000

Total Project Cost: \$125,000

Total Match: 5000

% Match proposed: 4%

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: \$10000

Construction year: 2022

Feasibility for success: reasonable engineering, very low match, erosion and sed costs may be too low. Budgeted funds for match (\$5k, 1/2 paid by IFW)

Design concerns or clarification required:

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-09 Burnham, Pond Rd

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12
Section III: Benefits to Fish & Wildlife	50	25
Section IV: Cost Efficiency and Effectiveness	25	15
<u>Total Points</u>	<u>100</u>	<u>52</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-09 Burnham, Pond Rd

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Burnham

Charlie King

Consultant/Agent Info:

Plymouth Engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-09 Burnham, Pond Rd
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12

Evaluation Team Comments:

Town Name: Burnham
Road name: Pond Rd
Stream Name: Meadow Brook

Existing Culvert Size & Material: 11'Sx7.5'Hx56'L, oval metal pipe

Crossing Age: 56 years

Bankfull width and method: 15.2. 11' chosen for structure width due to stone walls from mill DS that are 11 feet wide

New Structure size & type: 12'Sx9.5'Hx54'L, Open Bottom Concrete Box
Contacted DOT Bridge Program if 10' or greater?: No, indicated contact upon award

Estimated time to failure: 5-10 years

Previous flooding or failure events, documentation, culvert condition, age: crossing caused flooding in 2016 (road closed), annual cleaning and beaver issues. Culvert ends have rusted off, erosion under & behind culvert

Change in culvert width: 1.09
 closed road previously due to flooding, condition is deteriorating but not imminent failure

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: yes, annually

Impact

Cut Offs: 0
Detours: 5.26 mile detour; 15 homes, 1 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:533
 emergency services
 longer detour

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-09 Burnham, Pond Rd
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	25

Evaluation Team Comments:

Field work: full profile, survey, 90% plans

Bankfull width, method, & confidence: 15.2

Bankfull width method: 11' chosen for structure width due to stone walls from mill DS that are 11 feet wide

Longitudinal profile of stream beyond culvert influence completed? Yes, but not full stream smart level with scour depths, pools etc.

1.2 x BFW or Tidal analysis sizing, considerations performed No

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Visual analysis

New Structure considerations: full profile, survey, 90% plans

Additional Comments: doesn't meet stream bankfull widths, should consider removal of walls to size properly, models support field measurements
 \$16000 in engineering

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 16567

Benefits to Fish & Wildlife: IWWH

IWWH

Water quality improvements: location upstream from Unity Pond

Support letters, other notable benefits: contacted IFW/DMR-no response

DMR Resource/Habitat Comments: Trib to Unity Pd.

IFW Resource/Habitat Comments: Warmwater species

no upstream alewife habitat, 20 miles opened although habitat may be marginal for brook trout

Habitat Opened/Improved: upstream habitat- 20.32 miles

IWWH

Fish present, source of info: brook trout, alewives DS?

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-09 Burnham, Pond Rd

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	15

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$200000

Total Match: \$75000

% Match proposed: 37.5

Engineering

To be stamped?: Yes

Level of plan included: Site Specific 90%+ Plans

Army Corp Permit info: Contact

Costs over previous 10 years: \$2,700 road repairs, \$20,000 debris removal over 10 years

Construction year: 2022

Feasibility for success: reasonable engineering, good match, reserve fund

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-10 Chapman, West Chapman Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16
Section III: Benefits to Fish & Wildlife	50	25
Section IV: Cost Efficiency and Effectiveness	25	15
<u>Total Points</u>	<u>100</u>	<u>56</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-10 Chapman, West Chapman Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Chapman

Sandra Fournier, Town Manager

Consultant/Agent Info:

William Olver, Olver Associates

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-10 Chapman, West Chapman Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16

Evaluation Team Comments:

Town Name: Chapman
Road name: West Chapman Road
Stream Name: Alder Brook

Existing Culvert Size & Material: 4.5'Rx60'L, CMP

Crossing Age: unknown years

Bankfull width and method: 18.5. modelled value chosen over measured field values as "representative",

New Structure size & type: 22'Sx8'Hx60'L, 4 Sided Concrete Box
Contacted DOT Bridge Program if 10' or greater?: No, indicated contact upon award

Estimated time to failure: 5-10 years

Previous flooding or failure events, documentation, culvert condition, age: no overtopping of road, beaver issues-screen installed, damage to roadway reported from flooding. In 2017 inlet side plugged and 6 foot section was destroyed.

Change in culvert width: 4.8
 some flooding issues but no overtopping, previous partial failure

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes, regular cleaning & beavers

Impact

Cut Offs: 15 homes, 1 business

Detours: 0

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT:0

cut offs

Floods residences nearby when culvert backs up. Potential impacts to recreation are (Scopan Mountain) low volume road, cut off

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-10 Chapman, West Chapman Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	25

Evaluation Team Comments:

Field work: preliminary survey, BFW

Bankfull width, method, & confidence: 18.5

Bankfull width method: modelled value chosen over measured field values as "representative",

Longitudinal profile of stream beyond culvert influence completed? ?

1.2 x BFW or Tidal analysis sizing, considerations performed yes, but unclear if BFW is accurate

Natural Bottom information: Yes, embedded 2 feet

Banks within structure? ?

Type of bottom - recommendation from agencies

New Structure considerations: preliminary survey, BFW

Additional Comments: no profile included, worried since design is done, longitudinal profile will likely not be completed, didn't fill out performance criteria, BFW should be measured beyond culvert influence, not really a fully stream smart design
 \$50,000 in engineering

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 30817

Benefits to Fish & Wildlife: Brook trout habitat, IWWH

Brook trout habitat, IWWH

Water quality improvements: perched and large scour pool at outlet

Support letters, other notable benefits: no contact with DMR, contacted IFW, 1975 survey, brook trout, suckers, various "baitfish"

DMR Resource/Habitat Comments:

IFW Resource/Habitat Comments: There is minimal flowing water upstream of Alder Lake. Alder Lake itself would only be seasonal brook trout habitat at best. It does provide connectivity for aquatic organisms and several nonsport fish, but as brook trout enhancement it should rank low lower quality habitat, unsure if amount opened is accurate based on MSHV

Habitat Opened/Improved: upstream habitat- 5.1 miles

Brook trout habitat, IWWH

Fish present, source of info: brook trout

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER: 2021R-10 Chapman, West Chapman Road
DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	15

Evaluation Team Comments:

Requested funding: \$125,000
Total Project Cost: \$540000
Total Match: \$415000
 % Match proposed 76.8%

Engineering
 To be stamped?: Yes
 Level of plan included: Conceptual Plan

Army Corp Permit info: Contact

Costs over previous 10 years: \$500 cleaning, \$2500 repairs to structure, \$5000 road closures
Construction year: 2023

Feasibility for success: match is still uncertain, large percentage is not currently in hand. High engineering costs

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-11 China, Ingraham Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	25
Section IV: Cost Efficiency and Effectiveness	25	10
<u>Total Points</u>	<u>100</u>	<u>49</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-11 China, Ingraham Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of China
Rebecca Hapgood

Consultant/Agent Info:

St. Germain

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-11 China, Ingraham Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14

Evaluation Team Comments:

Town Name: China
Road name: Ingraham Road
Stream Name: Hewitt Brook

Existing Culvert Size & Material: 2 culverts - 2.75'Rx52'L; 2'Sx52'L, CMP

Crossing Age: unknown years

Bankfull width and method: 7.25. Field measured, 1 upstream, 1 downstream only. Is significantly lower than modelled values

New Structure size & type: 9.5'Sx7'Hx36'L, Metal arch on concrete footers
Contacted DOT Bridge Program if 10' or greater?: n/a

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: no overtopping reported in last 10 years, no wash outs. Undersized with 2 culverts. Culverts are rusted out in bad shape

Change in culvert width: 1.4
 bottom rusted out, sections coming undone inside, piping, no flooding

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes, regular cleaning & beavers

Impact

Cut Offs: 0

Detours: 3.3 mile detour; 19 homes

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT:130; emergency response delays

Ingraham Road is a through road that connects Route 32 and Kidder Road. If the crossing were to fail, it would take emergency responders longer to reach citizens. Hewitt Brook crosses under two more roads (Tyler Road and Shuman Road) before joining the Sheepscot River and debris from the failure could cause damage to these downstream crossings. lower volume road, shorter detour

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-11 China, Ingraham Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	25

Evaluation Team Comments:

Field work: BFW, Longitudinal profile, prelim plans

Bankfull width, method, & confidence: 7.25

Bankfull width method: Field measured, 1 upstream, 1 downstream only. Is significantly lower than modelled values

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed yes, but unclear if BFW is accurate

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: BFW, Longitudinal profile, prelim plans

Additional Comments: BFW measurements are not outside influence, low confidence in the sizing based on significantly lower modelled value being chosen, need more field work, need bottom pool elevations in addition to tops, so long profile is a little unclear, slope of stream \$10000 in engineering

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 3772

Benefits to Fish & Wildlife: Brook trout habitat, ATS CH

Brook trout habitat, ATS CH

Water quality improvements: tributary to Sheepscot River, The current Ingraham Road culverts have significantly altered the hydrology of the upstream area. The culverts are causing the upstream location to behave as a flat wetland due to their size and inlet elevation.

Support letters, other notable benefits: contacted DMR, no response. IFW- no impacts of concern

DMR Resource/Habitat Comments: Looks like headwaters to Sheepscot trib. very far upstream

IFW Resource/Habitat Comments: Warmwater species trib to Sheepscot River, but warmwater fisheries in this location

Habitat Opened/Improved: upstream habitat- 4.58 miles

Brook trout habitat, ATS CH

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-11 China, Ingraham Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

Fish present, source of info: brook trout

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	10

Evaluation Team Comments:

Requested funding: \$ \$125,000

Total Project Cost: \$150000

Total Match: \$25000

% Match proposed 16.6%

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: unknown

Construction year: 2022

Feasibility for success: moderate project costs, reasonable engineering, some design concerns, match in hand

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-12 Clinton, True Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	15
Section III: Benefits to Fish & Wildlife	50	37
Section IV: Cost Efficiency and Effectiveness	25	17
<u>Total Points</u>	<u>100</u>	<u>69</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-12 Clinton, True Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Clinton

Frank Gioffre

Consultant/Agent Info:

Randy Butler, Dirigo Engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-12 Clinton, True Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	15

Evaluation Team Comments:

Town Name: Clinton
Road name: True Road
Stream Name: Beaver Brook

Existing Culvert Size & Material: 3 - (2) 5'Rx32'L; (1) 6'Rx30'L, CMP

Crossing Age: 58, 58, 40 years

Bankfull width and method: 15.8. Multiple Field Average

New Structure size & type: 22'Sx10'Hx56'L, Open bottom concrete box
Contacted DOT Bridge Program if 10' or greater?: Yes, design reviewed

Estimated time to failure: <1 years

Previous flooding or failure events, documentation, culvert condition, age: no overtopping of road, annual cleaning, flooding damage reported with photos included. HY-8 analysis overtops at Q50. The bottom has rotted out of the two CMP culverts This is causing the crossing to sag away from the road surface which has eroded the ro

Change in culvert width: 1.4
 culverts have no bottom, sinkholes, flooding damage, short failure time anticipated

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes, annually

Impact

Cut Offs: 2 homes, 1 business

Detours: 0

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT: 103

cut offs

Damage happens about once annually with high flows;

most recent was on Oct. 31, 2021 with a 1.5" rain.

2 homes, low volume, cut offs lower overall community impact

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-12 Clinton, True Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	37

Evaluation Team Comments:

Field work: full profile, survey, 90% plans

Bankfull width, method, & confidence: 15.8

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: full profile, survey, 90% plans

Additional Comments: good design, initial concerns about the confluence of stream above the site but DS bankfull measurements seem consistent with modelling. DOT reviewed design \$17,500 in engineering

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 16601

Benefits to Fish & Wildlife: ATS Modelled habitat 55.64 units class 1

ATS Modelled habitat 55.64 units class 1

Water quality improvements: Yes, there is a large scour pool with resultant aggraded material. A debris dam has virtually plugged off the original channel and caused a new channel to be formed. There is also a 12'x30' plunge pool downstream of the overflow culvert. All of these issues

Support letters, other notable benefits: This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)

DMR Resource/Habitat Comments: Not much for salmon but probably has eels etc..

IFW Resource/Habitat Comments: More survey needed. Temps suitable for trout. good amount of habitat, not much fisheries info, unsure impact of turnpike crossings but

Habitat Opened/Improved: upstream habitat- 9.15 miles

ATS Modelled habitat 55.64 units class 1

Fish present, source of info: assumed present

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-12 Clinton, True Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	17

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: 232500

Total Match: 107500

% Match proposed: 46.2

Engineering

To be stamped?: Yes

Level of plan included: Site specific 90%+ plans

Army Corp Permit info: Application submitted

Costs over previous 10 years: 500

Construction year: 2022 (assumed, indicates 2021)

Feasibility for success: engineering includes bidding/permitting, reasonable costs, good match in-hand

Design concerns or clarification required:

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-13 Cornville, Molunkus Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	28
Section IV: Cost Efficiency and Effectiveness	25	17
<u>Total Points</u>	<u>100</u>	<u>59</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-13 Cornville, Molunkus Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Cornville

Mel Blaisdell

Consultant/Agent Info:

Gabe Gauvin, KV COG

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-13 Cornville, Molunkus Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14

Evaluation Team Comments:

Town Name: Cornville
Road name: Molunkus Road
Stream Name: Mill Stream

Existing Culvert Size & Material: 14.4'S x9'Hx40'L, CMP

Crossing Age: 55 years

Bankfull width and method: 34. Multiple Field Average

New Structure size & type: 59'Sx9.9'Hx28'L 24' channel width, Bridge
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: says <1, not sure this is accurate years

Previous flooding or failure events, documentation, culvert condition, age: No overtopping, annual debris cleaning, damage to roadway from flooding reported. Partial failures/collapsing of the culvert and buckling of the road have occurred each spring for the last 2-3 years.

Change in culvert width: 4.1
 don't see the issues described for condition or the reason for potential failure in time frame listed

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes, annually

Impact

Cut Offs: 0
Detours: 8 miles; 50 homes, 4 businesses
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:275
 emergency response delays; Aging and damage done to the culvert as well as a lack of stormwater and runoff management at the site has led to the continued degradation of the culvert and caused buckling of the road. Resurfacing and patching projects have been required to maintain safe passage of vehicles over the stream crossing. 50 homes impacted, longer detour

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-13 Cornville, Molunkus Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	28

Evaluation Team Comments:

Field work: BFW, profile, prelim plans

Bankfull width, method, & confidence: 34

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? No

1.2 x BFW or Tidal analysis sizing, considerations performed Yes, but concerns over measurement locations

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: BFW, profile, prelim plans

Bankfull widths may be less than anticipated and the design may be problematic for MaineDOT Bridge Program. Additional field work needs to be completed and size established

Additional Comments: looks like all the BFW measurements were taken within the culvert influence area. Crossing is likely extremely oversized and may run into issues with DOT standards. Bank full width value needs to be re-evaluated

\$12000 in engineering

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 26695

Benefits to Fish & Wildlife: ATS modelled habitat 93.62 units, drainage of alewife pond

ATS modelled habitat 93.62 units, drainage of alewife pond

Water quality improvements: backwater upstream, stream bank erosion downstream. 36.46 total miles upstream opens 2.2

Support letters, other notable benefits: 1985 survey sound blacknose dace, common shiner, sunfish, eels, and sucker, Electrofishing data from neighboring streams has confirmed adult wild brook trout in Paine Brook (upstream), and nursery habitat for young brook trout in Cold Brook (downstream).

DMR Resource/Habitat Comments:

IFW Resource/Habitat Comments: No file or data on stream

Wesserunsett Lake drainage with stocked alewives but inaccessible, lots of other barriers in system

Habitat Opened/Improved: upstream habitat- 2.23 miles

ATS modelled habitat 93.62 units, drainage of alewife pond

Fish present, source of info: American eels, brook trout likely

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER: 2021R-13 Cornville, Molunkus Road
DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	17

Evaluation Team Comments:

Requested funding: \$125,000
Total Project Cost: \$ 498000
Total Match: \$ 373000
 % Match proposed: 74.8

Engineering

To be stamped?: Yes
 Level of plan included: Site specific 90%+ plans

Army Corp Permit info: Contact

Costs over previous 10 years: \$5000-10000
Construction year: 2022

Feasibility for success: costs are bid, town funds and loans. May need some redesign and additional field work to meet DOT standards

Design concerns or clarification required: Bankfull widths may be less than anticipated and the design may be problematic for MaineDOT Bridge Program. Additional field work needs to be completed and size established

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-14 Deer Isle, Sunshine Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	17
Section III: Benefits to Fish & Wildlife	50	38
Section IV: Cost Efficiency and Effectiveness	25	17
<u>Total Points</u>	<u>100</u>	<u>72</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-14 Deer Isle, Sunshine Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Deer Isle

James H. Fisher, Town Manager

Consultant/Agent Info:

n/a

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-14 Deer Isle, Sunshine Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	17

Evaluation Team Comments:

Town Name: Deer Isle
Road name: Sunshine Road
Stream Name: Meadow Brook (tidal)

Existing Culvert Size & Material: 4'Rx40'L, CMP

Crossing Age: 60 years

Bankfull width and method: 8.4. Multiple Field Average

New Structure size & type: 12'Sx12'Hx40'L, 4 Sided Concrete Box
Contacted DOT Bridge Program if 10' or greater?: Yes, and consulted with Region Engineer

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: no overtopping but damage from flooding in last 10 years. During extreme storm events the culvert has been undermined. The most recent occurrence was 10/30/21.

Change in culvert width: 3
 sinkholes, patching, concrete deteriorating but likely not as quick a failure

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 0
Detours: 11.5 mile detour; 368 homes, 8 businesses
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:1207; emergency response delays
 A food processing facility, our only road construction company and the Haystack Mountain School of Crafts are on the Sunshine side of Meadowbrook and would also be forced to etour. many homes & businesses affected, would be very impactful to community

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-14 Deer Isle, Sunshine Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	38

Evaluation Team Comments:

Field work: full profile, survey, 90% plans

Bankfull width, method, & confidence: 8.4

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes, Tidal exceeds 1.2xBFW

Natural Bottom information: Yes, embedded

Banks within structure? Yes

Type of bottom - Umaine analysis

New Structure considerations: full profile, survey, 90% plans

Longitudinal profile

Additional Comments: no cross section info on embedment, concerns about stream bed material staying put, says banks but not shown in plans. Need more detail on the design, elevations, slope? Application says longitudinal profile but did not see one with application. Designers

University of Maine Student Engineering Team. 58 page report

includes extensive calculations justifying their recommendation for a 12 foot ID box culvert.

~150k in engineering donated

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 51137

Benefits to Fish & Wildlife: TWWH, IWWH

Water quality improvements: This is a tidal culvert with approximately 12' fluctuation in water level every six hours. One concern is that failure of the culvert during a storm surge could carry away a significant portion of the road and be very difficult to repair

Support letters, other notable benefits: outreach to DEP, DOT staff

DMR Resource/Habitat Comments: Smelts. Excellent location to conduct smelt restoration project

IFW Resource/Habitat Comments: This is not a brook trout stream. No resource concerns. historic rainbow smelt habitat, listed as "limited due to culvert", no brook trout. Could be a significant benefit to smelt

Habitat Opened/Improved: upstream habitat- 0.63 miles

TWWH, IWWH

Fish present, source of info: sea run rainbow smelt, eels likely

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER: 2021R-14 Deer Isle, Sunshine Road
DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	17

Evaluation Team Comments:

Requested funding: \$125,000
Total Project Cost: \$400000
Total Match: \$275000
 % Match proposed: 68.7

Engineering

To be stamped?: Yes
Level of plan included: Site specific 90%+ plans

Army Corp Permit info: Contact

Costs over previous 10 years: \$10000
Construction year: 2022 (assumed, says 2021)

Feasibility for success: engineering costs are high but student group-engineering, 205k from ARPA, additional money require town meeting

Design concerns or clarification required: Longitudinal profile

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-15 Dixmont, South Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12
Section III: Benefits to Fish & Wildlife	50	43
Section IV: Cost Efficiency and Effectiveness	25	12
<u>Total Points</u>	<u>100</u>	<u>67</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-15 Dixmont, South Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Dixmont

David Bright

Consultant/Agent Info:

Joseph McLean, Acadia Civil Works

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-15 Dixmont, South Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12

Evaluation Team Comments:

Town Name: Dixmont
Road name: South Road
Stream Name: Unnamed tributary to Olney Brook

Existing Culvert Size & Material: 3.5'Rx44'L, CMP

Crossing Age: unknown years

Bankfull width and method: 8. Multiple Field Average

New Structure size & type: 10'S8'Hx50'L, Metal arch on concrete footers
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: 5-10 years

Previous flooding or failure events, documentation, culvert condition, age: No overtopping but does occasionally catch logs requiring cleaning. Undersized. The existing crossing is a corrugated metal structure and is showing signs of deterioration. Photos included. During recent heavy and repeated rain events in fall 2021, the un

Change in culvert width: 2.8
 deterioration eroded embankment, no overtopping due to overflow culvert-erosion at outlet of overflow

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes, occasionally

Impact

Cut Offs: 0

Detours: 5.4 miles; 13 homes

Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:0; emergency response delays The crossing has no safety barriers to prevent vehicles from leaving the roadway and plunging into the stream. moderate detour, low traffic

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-15 Dixmont, South Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	43

Evaluation Team Comments:

Field work: BFW, Longitudinal profile, prelim plans

Bankfull width, method, & confidence: 8

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: BFW, Longitudinal profile, prelim plans

Additional Comments: good design and field measurements, multiple average BFW
\$15k in engineering

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 1642

Benefits to Fish & Wildlife: Inland Wading Bird and Waterfowl Habitat

Deer Wintering Areas, numerous special concern species

Inland Wading Bird and Waterfowl Habitat

Deer Wintering Areas, numerous special concern species

Water quality improvements: diversion of flows through old nearby culvert causes erosion in the adjacent riparian area and weakening of the road shoulders; stream simulation used

Support letters, other notable benefits: IFW letter of support, Olney Brook is a tributary to Marsh Stream, which is considered a priority habitat for restoration by The Nature Conservancy in partnership with NOAA Fisheries; funding from 1) The Nature Conservancy (private)

2) National Fish Passage Program grant (federal)

3) Eastern Brook Trout Joint Venture grant (federal)

DMR Resource/Habitat Comments: Adjacent to surveyed ATS spawning and rearing habitat; Tributary to Marsh Stream

IFW Resource/Habitat Comments:

support from agencies, brook trout priority area, 2 miles opened

Habitat Opened/Improved: upstream habitat- 2.14 miles

Inland Wading Bird and Waterfowl Habitat

Deer Wintering Areas, numerous special concern species

Fish present, source of info: wild brook trout

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER: 2021R-15 Dixmont, South Road
DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	12

Evaluation Team Comments:

Requested funding: \$125,000
Total Project Cost: \$ 250000
Total Match: \$125,000
 % Match proposed: 50

Engineering
 To be stamped?: Yes
 Level of plan included: Preliminary Design

Army Corp Permit info: No Contact

Costs over previous 10 years: 0
Construction year: 2023

Feasibility for success: not all match is in hand, more grants needed.

Design concerns or clarification required:

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-16 Ellsworth, Red Bridge Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	10
Section III: Benefits to Fish & Wildlife	50	24
Section IV: Cost Efficiency and Effectiveness	25	16
<u>Total Points</u>	<u>100</u>	<u>50</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-16 Ellsworth, Red Bridge Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

City of Ellsworth
Lisa Sekulich, PE

Consultant/Agent Info:

Andrew McCullough, PE

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-16 Ellsworth, Red Bridge Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	10

Evaluation Team Comments:

Town Name: Ellsworth
Road name: Red Bridge Road
Stream Name: Branch Lake Stream

Existing Culvert Size & Material: 17'Sx13'Hx68'L, Pipe Arch

Crossing Age: 47 years

Bankfull width and method: 46.3. Stream Stats and MSHV model

New Structure size & type: 50'Sx18'Hx75'L, Metal arch on concrete footers
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: 3-5 years

Previous flooding or failure events, documentation, culvert condition, age: Pipe is near the end of its lifespan based on inspections and life spans of similar structures.
 Pictures attached. 1/2 of BFW

Change in culvert width: 2.9
 deterioration, no flooding, nearing end of lifespan

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 0
Detours: 9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:417; no listed homes, businesses
 emergency services
 no numbers affected listed

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-16 Ellsworth, Red Bridge Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	24

Evaluation Team Comments:

Field work: Preliminary plans

Bankfull width, method, & confidence: 46.3

Bankfull width method: Stream Stats and MSHV model

Longitudinal profile of stream beyond culvert influence completed? Yes, TBD

1.2 x BFW or Tidal analysis sizing, considerations performed Almost (1.07 x modelled BFW)

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - "Natural Earthen Substrate bottom"

New Structure considerations: Preliminary plans

Additional Comments: huge structure, only bankfull width modelling used, not quite 1.2xBFW based on calculated value, no field bankfull measurements, likely to have a lot of changes, possible DOT issues, no stream smart longitudinal profile included. No plan view or site spec \$46K in engineering

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 50879

Benefits to Fish & Wildlife: Brook trout habitat, within drainage of alewife pond, ATS rearing habitat (modelled) 4.4 units

Brook trout habitat, within drainage of alewife pond, ATS rearing habitat (modelled) 4.4 units

Water quality improvements: dam down gradient at the inlet to Leonard Lake was removed to improve fish passage. Only 1 potential barrier upstream would open 65 miles total, (US looks to be passable sometimes)

Support letters, other notable benefits: Contacted IFW/DMR; input from Greg Burr- no fisheries concerns,

DMR Resource/Habitat Comments: A remnant dam was removed at the confluence of this stream with the Union River two years ago. Restoring connectivity at this location will build upon that work.

IFW Resource/Habitat Comments: In this area there is not a need for brook trout passage. no brook trout passage need, dam upstream to lake, listed as unstocked inaccessible alewife pond

Habitat Opened/Improved: upstream habitat- .9 miles

Brook trout habitat, within drainage of alewife pond, ATS rearing habitat (modelled) 4.4 units

Fish present, source of info: wild brook trout

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-16 Ellsworth, Red Bridge Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	16

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$725000

Total Match: \$600000

% Match proposed 82.7%

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: 0

Construction year: 2022

Feasibility for success: high match, from budget, planned. High engineering costs. Based on span, and Federal Hwy requirements price could end up higher

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-17 Enfield, Mohawk Rd South

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12
Section III: Benefits to Fish & Wildlife	50	32
Section IV: Cost Efficiency and Effectiveness	25	11
<u>Total Points</u>	<u>100</u>	<u>55</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-17 Enfield, Mohawk Rd South

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Enfield

Charles Frazier

Consultant/Agent Info:

n/a

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-17 Enfield, Mohawk Rd South
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12

Evaluation Team Comments:

Town Name: Enfield
Road name: Mohawk Rd South
Stream Name: unnamed trib to Penobscot R

Existing Culvert Size & Material: 4'Rx60'L, CMP

Crossing Age: 40 years

Bankfull width and method: 5.5. Multiple Field Average

New Structure size & type: 8'WxTBD'Hx60'L, Open bottom arch on footers
Contacted DOT Bridge Program if 10' or greater?: n/a

Estimated time to failure: 3-5 years

Previous flooding or failure events, documentation, culvert condition, age: undersized based on BFW measurements. Current culvert was repaired recently after a hole eroded in the top. Culvert dips in the middle, backwater upstream

Change in culvert width: 2
 condition and roadway issues

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 0
Detours: 5 miles; 54 homes detoured
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:103
 residential, emergency services
 lower volume road, moderate residential impacts

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-17 Enfield, Mohawk Rd South
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	32

Evaluation Team Comments:

Field work: Plan view

Bankfull width, method, & confidence: 5.5

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - TBD

New Structure considerations: Plan view

Additional Comments: improved design good survey and long profile info, could use more info on substrate (recommend pebble count)
\$20000 in engineering

Barrier status, source: Barrier per photos

Maine Stream Habitat Viewer ID: not surveyed

Benefits to Fish & Wildlife: brook floater habitat within 1 mile, ATS modelled habitat, pygmy snake tail

brook floater habitat within 1 mile, ATS modelled habitat, pygmy snake tail

Water quality improvements: backwater upstream, 1.5' drop DS

Support letters, other notable benefits: no contact with fisheries agencies

DMR Resource/Habitat Comments: Not managed for sea-run species, but is in critical ATS habitat and is a tributary to the Penobscot River.

IFW Resource/Habitat Comments:

rare FW mussel, Penobscot R watershed

Habitat Opened/Improved: upstream habitat- 0 miles

brook floater habitat within 1 mile, ATS modelled habitat, pygmy snake tail

Fish present, source of info: likely present, none listed, eels

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-17 Enfield, Mohawk Rd South

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	11

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$157000

Total Match: \$32000

% Match proposed 20.3

Engineering

To be stamped?: Yes

Level of plan included: Plan View Sketch

Army Corp Permit info: No Contact

Costs over previous 10 years: \$15000

Construction year: 2022

Feasibility for success: engineering seems high, good match quality.

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-18 Enfield, Mohawk Rd North

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	15
Section III: Benefits to Fish & Wildlife	50	30
Section IV: Cost Efficiency and Effectiveness	25	11
<u>Total Points</u>	<u>100</u>	<u>56</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-18 Enfield, Mohawk Rd North

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Enfield
Charles Frazier

Consultant/Agent Info:

n/a

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-18 Enfield, Mohawk Rd North
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	15

Evaluation Team Comments:

Town Name: Enfield
Road name: Mohawk Rd North
Stream Name: unnamed trib to Penobscot R

Existing Culvert Size & Material: 4.5'Rx56'L, CMP

Crossing Age: 40 years

Bankfull width and method: 7.2. Multiple Field Average

New Structure size & type: 9'SxTBD'Hx65'L, Open bottom arch on footers
Contacted DOT Bridge Program if 10' or greater?: n/a

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: Overtopped road approximately 4 times in last 10 years, regularly obstructed. Flood damage photos included. Road closed for 3 days in 2019 due to flooding. Culvert was damaged/curled up, roadway slumping

Change in culvert width: 2
 culvert peeled up, flooding issues

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: yes, annually

Impact

Cut Offs: 0
Detours: 5 miles; 54 homes detoured
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:103
 residential
 emergency services
 lower volume road, moderate residential impacts

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-18 Enfield, Mohawk Rd North
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	30

Evaluation Team Comments:

Field work: Plan view

Bankfull width, method, & confidence: 7.2

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - TBD

New Structure considerations: Plan view

Additional Comments: improved design good survey and long profile info, could use more info on substrate (recommend pebble count)
\$20000 in engineering

Barrier status, source: Barrier per photos

Maine Stream Habitat Viewer ID: 0

Benefits to Fish & Wildlife: brook floater habitat within 1 mile, ATS modelled habitat
brook floater habitat within 1 mile, ATS modelled habitat

Water quality improvements: backwatered upstream, culvert deformed

Support letters, other notable benefits: no contact with fisheries agencies

DMR Resource/Habitat Comments: Not a mapped stream and no information on management. In critical ATS habitat and is a tributary to the Penobscot River.

IFW Resource/Habitat Comments:

rare FW mussel, Penobscot R watershed

Habitat Opened/Improved: upstream habitat- 0 miles

brook floater habitat within 1 mile, ATS modelled habitat

Fish present, source of info: likely present, none listed, eels

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-18 Enfield, Mohawk Rd North

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	11

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$175000

Total Match: \$50000

% Match proposed: 28.5

Engineering

To be stamped?: Yes

Level of plan included: Plan View Sketch

Army Corp Permit info: No Contact

Costs over previous 10 years: \$15000

Construction year: 2022

Feasibility for success: engineering seems high, good match quality.

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-19 Garland, Campbell Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12
Section III: Benefits to Fish & Wildlife	50	35
Section IV: Cost Efficiency and Effectiveness	25	11
<u>Total Points</u>	<u>100</u>	<u>58</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-19 Garland, Campbell Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Garland
Dakota Bates-Moody

Consultant/Agent Info:

Randy Butler, Dirigo Engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-19 Garland, Campbell Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12

Evaluation Team Comments:

Town Name: Garland
Road name: Campbell Road
Stream Name: Otis Brook

Existing Culvert Size & Material: 6'Dx44'L; 3'Dx44'L, CMP

Crossing Age: 50+, 36 years

Bankfull width and method: 15.6. Multiple Field Average

New Structure size & type: 22'Sx11.5'Hx35'L, Bridge
Contacted DOT Bridge Program if 10' or greater?: Yes, Design reviewed

Estimated time to failure: 3-5 years

Previous flooding or failure events, documentation, culvert condition, age: Although the culvert does not overflow, it frequently backs up and floods the upstream area, inundating low lying areas near the road. The existing culvert pipes are corroded and breaking up. There are holes in the invert and sides of the culverts. The e

Change in culvert width: 2.4444444444
 no overflow but condition issues, bottom completely gone from sections

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 0

Detours: 6 miles; 40 homes detoured

Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:217, emergency services

Occurrences of increased torrential rain and spring flow will likely increase, and will over flow the road. 6 mile detour, 40 homes

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-19 Garland, Campbell Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	35

Evaluation Team Comments:

Field work: BFW, Longitudinal profile, prelim plans

Bankfull width, method, & confidence: 15.6

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: BFW, Longitudinal profile, prelim plans

Additional Comments: good sizing and field work, stream smart, stream smart followed, but unsure about riprap detail upstream of crossing
 \$17500 in engineering

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 1513

Benefits to Fish & Wildlife: ATS DPS, ATS CH, ATS Modelled habitat Type 1 & 3 49.12 units, IWWH
 ATS DPS, ATS CH, ATS Modelled habitat Type 1 & 3 49.12 units, IWWH

Water quality improvements: large scour pool, potential effects from DS culvert

Support letters, other notable benefits: This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)

DMR Resource/Habitat Comments: Not managed for sea-run species, but is within critical habitat and adjacent to management. Above Garland Pond

IFW Resource/Habitat Comments: More survey needed. Area near road too deep to sample. nearby alewife possible but unlikely to be in this stream, warmwater spp, high priority watershed for TNC, tied to other project on stream

Habitat Opened/Improved: upstream habitat- 3.5 miles

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-19 Garland, Campbell Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

ATS DPS, ATS CH, ATS Modelled habitat Type 1 &3 49.12 units, IWWH

Fish present, source of info: "This stream had blacknose dace, creek chub, and white sucker."
Jason Seiders, Fisheries Resource Supervisor, Maine Dept of Inland
Fisheries & Wildlife

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	11

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: 187500

Total Match: 62500

% Match proposed: 33.3

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: 0

Construction year: 2023

Feasibility for success: status of match uncertain. Reasonable costs overall

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-20 Garland, Oliver Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12
Section III: Benefits to Fish & Wildlife	50	34
Section IV: Cost Efficiency and Effectiveness	25	14
<u>Total Points</u>	<u>100</u>	<u>60</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-20 Garland, Oliver Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Garland
Dakota Bates-Moody

Consultant/Agent Info:

Randy Butler, Dirigo Engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-20 Garland, Oliver Hill Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12

Evaluation Team Comments:

Town Name: Garland
Road name: Oliver Hill Road
Stream Name: Unnamed trib to Kenduskag Stream

Existing Culvert Size & Material: 6'Dx40'L, CMP
Crossing Age: 40 years

Bankfull width and method: 13.9. Multiple Field Average

New Structure size & type: 18'Sx10.4'Hx49'L, Bridge
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: 3-5 years
Previous flooding or failure events, documentation, culvert condition, age: No flooding indicated but HW/D of 1.0 (i.e. full flowing culvert) is 200 cfs, less than Q25. Currently erosion on the road bank above the inlet, signs of corrosion, and squatting. Downstream channel is undercutting road embankment.

Change in culvert width: 3
 beaver dam elevation is above road, 2 channels upstream

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 0
Detours: 4.7 miles; 50 homes, 1 business
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:874

emergency services. This roadway is used as a bypass from Garland center to Dover-Foxcroft.

Concerns that the existing culvert is significantly undersized and will eventually wash out as storm intensities

increase.

no flooding, condition issues, beaver dam above site higher elevation

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-20 Garland, Oliver Hill Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	34

Evaluation Team Comments:

Field work: BFW, Longitudinal profile, prelim plans
Bankfull width, method, & confidence: 13.9
Bankfull width method: Multiple Field Average
Longitudinal profile of stream beyond culvert influence completed? Yes
1.2 x BFW or Tidal analysis sizing, considerations performed Yes
Natural Bottom information: Yes, Open bottom
Banks within structure? Yes
Type of bottom - Pebble count
New Structure considerations: BFW, Longitudinal profile, prelim plans
Additional Comments: good sizing and field work, stream smart, stream smart followed, but unsure about riprap detail upstream of crossing
 \$17500 in engineering
Barrier status, source: Potential Barrier
Maine Stream Habitat Viewer ID: 1293
Benefits to Fish & Wildlife: ATS DPS, ATS CH, ATS Modelled habitat Type 1 19.58 units, IWWH, Brook trout habitat
 ATS DPS, ATS CH, ATS Modelled habitat Type 1 19.58 units, IWWH, Brook trout habitat
Water quality improvements: Upstream road bank is being eroded and downstream bank along the road has undercut the road fill. These will be repaired as part of the project.
Support letters, other notable benefits: This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
DMR Resource/Habitat Comments: Not managed for sea-run species, but is within critical habitat and adjacent to management. Above Garland Pond
IFW Resource/Habitat Comments: Suitable temps, but no BKT found during brief survey. unsure of status of brook trout presence, TNC support, 3 miles opened, tied to other project for restoration, unsure if next crossing upstream is actually open, may be less habitat opened

Habitat Opened/Improved: upstream habitat- 3.1 miles
 ATS DPS, ATS CH, ATS Modelled habitat Type 1 19.58 units, IWWH, Brook trout habitat
Fish present, source of info: "This stream had blacknose dace, creek chub, and white sucker."
 Jason Seiders, Fisheries Resource Supervisor, Maine DIFW .

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-20 Garland, Oliver Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	14

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$207500

Total Match: \$82500

% Match proposed: 39.7

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Application submitted

Costs over previous 10 years: 0

Construction year: 2022

Feasibility for success: match is planned, reasonable costs overall

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-21 Gorham, Westcott Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12
Section III: Benefits to Fish & Wildlife	50	31
Section IV: Cost Efficiency and Effectiveness	25	15
<u>Total Points</u>	<u>100</u>	<u>58</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-21 Gorham, Westcott Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Gorham

Terry Deering

Consultant/Agent Info:

Stephen D. Harding, Sebago Technics

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-21 Gorham, Westcott Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12

Evaluation Team Comments:

Town Name: Gorham
Road name: Westcott Road
Stream Name: North Branch Little River

Existing Culvert Size & Material: 10'Dx52'L, CMP

Crossing Age: unknown years

Bankfull width and method: 16.7. unable to complete field work, used modelled 16.7' for sizing

New Structure size & type: 20'Sx10'Hx52'L, Open bottom concrete box
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: No flooding but is stream "pinch point" . This year (2021), the MDOT posted a weight restriction of 22 tons as the culvert invert is deteriorating and the top of culvert is deflected.

Change in culvert width: 2
 DOT posting, not much info on condition, no photos, no flooding

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 0
Detours: 8.1 miles; 7 homes, 1 business detoured
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:308
 emergency services
 heavy truck traffic, increasing development
 longer detour, moderate traffic

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-21 Gorham, Westcott Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	31

Evaluation Team Comments:

Field work: Plan view

Bankfull width, method, & confidence: 16.7

Bankfull width method: unable to complete field work, used modelled 16.7' for sizing

Longitudinal profile of stream beyond culvert influence completed? Yes, TBD

1.2 x BFW or Tidal analysis sizing, considerations performed Yes, based on MSHV, need more info

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: Plan view

Additional Comments: no design or cross section completed, sketch plan view, modelled

BFW no field measurements, Long profile TBD

\$35,000 in engineering

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 8722

Benefits to Fish & Wildlife: Wild brook trout

Wild brook trout

Water quality improvements: Stream smart design will be completed at this

location. A stream profile will be surveyed at a

minimum 20-30 BFW's up and downstream.

Pebble count and gradations will be utilized to

determine the stream bed substrate.

Support letters, other notable benefits: No Fisheries agency contact, but "According to Matt Craig

of the Casco Bay Estuary Partnership, addressing this crossing would remove a

potential barrier to aquatic organisms identified in the Maine Stream Habitat Viewer which would improve

habitat connectivity in this sub-watershed of the Presumpscot River with anticipated benefits to wild

Eastern

Brown Trout and anadromous species."

DMR Resource/Habitat Comments: Not managed for sea-run species. Tributary below Sebago Lake.

IFW Resource/Habitat Comments: Wild BKT; good trout stream here and upstream drainage good brook trout habitat per IFW, support from Casco Bay Estuary Partnership

Habitat Opened/Improved: upstream habitat- 1.08 miles

Wild brook trout

Fish present, source of info: brook trout

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-21 Gorham, Westcott Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	15

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$500000

Total Match: \$ 375000

% Match proposed: 75%

Engineering

To be stamped?: Yes

Level of plan included: Site Plan Sketch

Army Corp Permit info: No Contact

Costs over previous 10 years: \$15000

Construction year: 2023

Feasibility for success: higher engineering costs, permitting and bidding. Source-town budget

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-22 Hartland, Beans Corner Road II

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	28
Section IV: Cost Efficiency and Effectiveness	25	12
<u>Total Points</u>	<u>100</u>	<u>54</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-22 Hartland, Beans Corner Road II

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Hartland

Chris Littlefield

Consultant/Agent Info:

Randy Butler, Dirigo Engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-22 Hartland, Beans Corner Road II
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14

Evaluation Team Comments:

Town Name: Hartland
Road name: Beans Corner Road II
Stream Name: Thompson Brook

Existing Culvert Size & Material: 3's'4'Hx28'L, Concrete Box

Crossing Age: 96 years

Bankfull width and method: 9.2. Multiple Field Average

New Structure size & type: 11.5'Sx9.3'Hx48'L, Open bottom concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: no flooding but crossing is undersized. Concrete headwalls are cracked; downstream headwall is leaning out. Culvert is barely longer than road width and has steep slope from road grade to top of headwall with no shoulder on which to mount guardrail. Guar

Change in culvert width: 3.5

guard rail is failing, concrete condition issues, erosion, no flooding, road edge slumping, narrow road

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 0

Detours: 5 miles; 100 homes, 3 critical infrastructure

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT:188

emergency services

Central Maine Power has a sub-station located approximately 0.8 miles south of the site on Beans Corner Road. Distribution lines from this are a primary source of 3-phase power to the town of Hartland, including a nursing home and mill complex substation and distribution lines, safety concerns with guard rails, narrow road

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-22 Hartland, Beans Corner Road II
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	28

Evaluation Team Comments:

Field work: BFW, Longitudinal profile, prelim plans

Bankfull width, method, & confidence: 9.2

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: BFW, Longitudinal profile, prelim plans

Additional Comments: Robust design, good field work and stream smart design, wing walls, good longitudinal profile

\$18500 in engineering

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 16699

Benefits to Fish & Wildlife: Atlantic salmon modelled habitat class 1 5.61 units, IWWH

Atlantic salmon modelled habitat class 1 5.61 units, IWWH

Water quality improvements: New crossing will be meet stream simulation design standards, including 1.2 times bankfull

width, stabilized streambank inside culvert and table for terrestrial organism passage. Downstream headwall is failing, allowing road fill to erode into the stream.

Support letters, other notable benefits: contacted IFW, no info available

DMR Resource/Habitat Comments: Not managed for sea-run species, but is a tributary to the Sebasticook River

IFW Resource/Habitat Comments:

correction of erosion, modelled salmon habitat, .4 miles opened

Habitat Opened/Improved: upstream habitat- 0.4 miles

Atlantic salmon modelled habitat class 1 5.61 units, IWWH

Fish present, source of info: unknown

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-22 Hartland, Beans Corner Road II

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	12

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$143500

Total Match: \$18500

% Match proposed: 12.8

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Application submitted

Costs over previous 10 years: \$3000

Construction year: 2023

Feasibility for success: matching funds planned, reasonable costs

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-23 Levant, Horseback Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	9
Section III: Benefits to Fish & Wildlife	50	24
Section IV: Cost Efficiency and Effectiveness	25	13
<u>Total Points</u>	<u>100</u>	<u>46</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-23 Levant, Horseback Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Levant

Scott Pullen

Consultant/Agent Info:

Plymouth Engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-23 Levant, Horseback Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	9

Evaluation Team Comments:

Town Name: Levant
Road name: Horseback Road
Stream Name: Black Stream

Existing Culvert Size & Material: 16.5'Wx9.1'Hx66'L, Pipe arch

Crossing Age: 60 years

Bankfull width and method: 21.9. Stream Stats and MSHV model

New Structure size & type: 26'Sx11'Hx66'L, Multiplate Pipe Arch
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: 5-10 years

Previous flooding or failure events, documentation, culvert condition, age: no flooding annual cleaning required. Culvert deteriorating with small holes a rusting, deformation

Change in culvert width: 1.5
 deterioration, no flooding, cleaning regularly, sagging

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: yes, annually

Impact

Cut Offs: 0

Detours: 10 miles; 37 homes

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT:665

emergency services

sagging indicates issues under road. Major connector in Levant and Stetson, multiple crossings before entering Kenduskeag Stream

longer detour, major connector Levant and Stetson

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-23 Levant, Horseback Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	24

Evaluation Team Comments:

Field work: Site plan view

Bankfull width, method, & confidence: 21.9

Bankfull width method: Stream Stats and MSHV model

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes, based on Stream Stats, need more info

Natural Bottom information: Yes, embedded

Banks within structure? Yes

Type of bottom - "natural stone"

New Structure considerations: Site plan view

Additional Comments: modelled BFW, not measured. More info needed on "natural stone" concerned about the inclusion of turbidity curtain rather than cofferdam for work area. Banks and stream material in crossing. Plan shows a different type of structure (bridge) than indicated \$15000 in engineering

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 1582

Benefits to Fish & Wildlife: Brook trout habitat, IWWH, ATS CH, ATS modelled habitat

Brook trout habitat, IWWH, ATS CH, ATS modelled habitat

Water quality improvements: stream banks hardened to prevent erosion from misalignment

Support letters, other notable benefits: contacted agencies, no IFW response. DMR: not managed for salmon, but have had some in watershed, not expected to use area above Hermon Pond

DMR Resource/Habitat Comments: Think the ID is off. Eels. Downstream lakes were once Eel study area

IFW Resource/Habitat Comments: Not exactly sure which crossing this is. I don't see a crossing of Black St with the Horseback Rd although there are multiple tribs to Black that cross the Horseback Rd.... In any case, there are no Priority BKT streams in this area. significant amount would be opened, likely warm water areas directly upstream but could provide access to other cold water , correcting misalignment

Habitat Opened/Improved: upstream habitat- 13.67 miles

Brook trout habitat, IWWH, ATS CH, ATS modelled habitat

Fish present, source of info: brook trout

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-23 Levant, Horseback Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	13

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$200000

Total Match: \$75000

% Match proposed: 37.5

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: No Contact

Costs over previous 10 years: 15300

Construction year: 2022

Feasibility for success: match is part in-kind part cash from town sources. Costs seem reasonable

Design concerns or clarification required:

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-24 Lewiston, Old Webster Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	9
Section III: Benefits to Fish & Wildlife	50	31
Section IV: Cost Efficiency and Effectiveness	25	16
<u>Total Points</u>	<u>100</u>	<u>56</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-24 Lewiston, Old Webster Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

City of Lewiston

John Kuchinski

Consultant/Agent Info:

n/a

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-24 Lewiston, Old Webster Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	9

Evaluation Team Comments:

Town Name: Lewiston
Road name: Old Webster Road
Stream Name: No Name Brook

Existing Culvert Size & Material: 12'D x 30'L, CMP

Crossing Age: 52 years

Bankfull width and method: 18.6. Multiple Field Average

New Structure size & type: 25'Sx11'Hx25'L, open bottom arch
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: 10 years

Previous flooding or failure events, documentation, culvert condition, age: no flooding, overtopping reported. Extensive corrosion along the waterline of crossing, channel banks eroded downstream

Change in culvert width: 2
 beaver dam in photo, no flooding, deterioration

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No, but debris in photo

Impact

Cut Offs: 0
Detours: 3.4 miles; no number affected listed
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:626
 emergency services
 shorter detour, no numbers of impacts shown

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-24 Lewiston, Old Webster Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	31

Evaluation Team Comments:

Field work: BFW

Bankfull width, method, & confidence: 18.6

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? "flood survey profile", profile TBD during design

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - TBD

New Structure considerations: BFW

Additional Comments: good field work for Bankfull width, not much of a design, no longitudinal profile submitted, aluminum box culvert may be a problem with DOT rules. Unsure of actual size of structure. Conflicting structure information
\$50k in engineering

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 20291

Benefits to Fish & Wildlife: ATS CH, ATS modelled habitat 50.56 units

ATS CH, ATS modelled habitat 50.56 units

Water quality improvements: scour pool downstream; 145 acres alewife habitat blocked

Support letters, other notable benefits: contacted IFW, no response

DMR Resource/Habitat Comments: current river herring restoration area. DMR currently stocks this location

IFW Resource/Habitat Comments: No salmonids, ; warm alewife pond upstream, "No Name Pond" stocked by DMR but inaccessible

Habitat Opened/Improved: upstream habitat- 7.219999999999998 miles

ATS CH, ATS modelled habitat 50.56 units

Fish present, source of info: alewife, ATS?, eels

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER: 2021R-24 Lewiston, Old Webster Road
DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	16

Evaluation Team Comments:

Requested funding: \$125,000
Total Project Cost: \$570000
Total Match: \$445000
 % Match proposed: 78.07

Engineering
 To be stamped?: Yes
 Level of plan included: Conceptual Plan

Army Corp Permit info: Application submitted

Costs over previous 10 years: 0
Construction year: 2023

Feasibility for success: engineering costs higher, but big project. Bond funding

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-25 Milo, Medford Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	19
Section III: Benefits to Fish & Wildlife	50	40
Section IV: Cost Efficiency and Effectiveness	25	15
<u>Total Points</u>	<u>100</u>	<u>74</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-25 Milo, Medford Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Milo

Mike Conley

Consultant/Agent Info:

Randy Butler, Dirigo Engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-25 Milo, Medford Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	19

Evaluation Team Comments:

Town Name: Milo
Road name: Medford Road
Stream Name: Rapid Brook

Existing Culvert Size & Material: 5'Dx58'L, CMP

Crossing Age: 40 years

Bankfull width and method: 11.8. Multiple Field Average

New Structure size & type: 15.2'Sx8.8'Hx44'L, Open bottom concrete box
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: no flooding reported. Culvert has started to collapse, bottom is rusted out, sink hole has started in roadway.

Change in culvert width: 3.04

end of culvert is severely deformed, rusting condition issues, upstream abandoned concrete road culvert to be removed

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes, 30x year

Impact

Cut Offs: 0

Detours: 19 miles; 25 homes, 1 business

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT:366

emergency services

long detour, delays, moderate vehicle use

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-25 Milo, Medford Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	40

Evaluation Team Comments:

Field work: BFW, Longitudinal profile, prelim plans
Bankfull width, method, & confidence: 11.8
Bankfull width method: Multiple Field Average
Longitudinal profile of stream beyond culvert influence completed? Yes
1.2 x BFW or Tidal analysis sizing, considerations performed Yes
Natural Bottom information: Yes, Open bottom
Banks within structure? Yes
Type of bottom - Pebble count
New Structure considerations: BFW, Longitudinal profile, prelim plans
 Should consult with wildlife biologists regarding dewatering of IWWH upstream. Could the 2nd culvert removal be opened to match bankfull width?
Additional Comments: good BFW measurements, open bottom, longitudinal profile included, good plans . Could the 2nd culvert removal be opened to match bankfull width?
 \$20000 in engineering
Barrier status, source: Potential Barrier
Maine Stream Habitat Viewer ID: 2586
Benefits to Fish & Wildlife: ATS, CH, ATS DPS, ATS modelled habitat 40.35 units class 1 & 3
 ATS, CH, ATS DPS, ATS modelled habitat 40.35 units class 1 & 3
Water quality improvements: Downstream scour pool, upstream area impounded by this culvert and box culvert just upstream. Back watered upstream
Support letters, other notable benefits: Contacted agencies. DMR: "... the habitat does not look favorable for Atlantic Salmon; mostly flat water and lacking riffle/run habitat. But, since it is in the Pleasant River drainage there could be chance. This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
DMR Resource/Habitat Comments: Adjacent to surveyed ATS spawning and rearing habitat
IFW Resource/Habitat Comments:
 In watershed with ATS, removal of additional upstream crossing. 4 miles opened.
Habitat Opened/Improved: upstream habitat- 4.28 miles
 ATS, CH, ATS DPS, ATS modelled habitat 40.35 units class 1 & 3

Fish present, source of info: brook trout

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER: 2021R-25 Milo, Medford Road
DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	15

Evaluation Team Comments:

Requested funding: \$125,000
Total Project Cost: \$192000
Total Match: \$67000
 % Match proposed 34.8

Engineering
 To be stamped?: Yes
 Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: \$10000
Construction year: 2022

Feasibility for success: reasonable costs, planned match funding

Design concerns or clarification required: Should consult with wildlife biologists regarding dewatering of IWWH upstream. Could the 2nd culvert removal be opened to match bankfull width?

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-26 Norridgewock, Red Barn Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	10
Section III: Benefits to Fish & Wildlife	50	25
Section IV: Cost Efficiency and Effectiveness	25	12
<u>Total Points</u>	<u>100</u>	<u>47</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-26 Norridgewock, Red Barn Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Norridgewock

Richard LaBelle

Consultant/Agent Info:

Patrick Gere, St. Germain

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-26 Norridgewock, Red Barn Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	10

Evaluation Team Comments:

Town Name: Norridgewock
Road name: Red Barn Road
Stream Name: Turner Brook

Existing Culvert Size & Material: (3) 4.5'Dx38, 3.75'Dx38, 4.5'Dx38', CMP

Crossing Age: Unknown years

Bankfull width and method: 8.75. single upstream downstream measurements

New Structure size & type: 9.5'Sx6.25'Hx40.5'L, Open bottom metal arch on concrete footers
Contacted DOT Bridge Program if 10' or greater?: n/a

Estimated time to failure: 5-10 years

Previous flooding or failure events, documentation, culvert condition, age: Clearing is needed at least annually, largely due to beaver damage. No overtopping of road. Two out of three of the culverts are deteriorating at the outlet end.

Change in culvert width: 0.73---less
 condition isn't horrible, rust at outlets

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: yes, annually

Impact

Cut Offs: 0

Detours: 11.4 miles; 4 homes, 1 business

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT:53

emergency services

low volume road, longer detour

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-26 Norridgewock, Red Barn Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	25

Evaluation Team Comments:

Field work: BFW, Longitudinal profile, prelim plans

Bankfull width, method, & confidence: 8.75

Bankfull width method: single upstream downstream measurements

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed No, also need more measurements

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: BFW, Longitudinal profile, prelim plans

Need to double check BFW with more measurements and check footer elevations

Additional Comments: good long profile, cross section doesn't show banks although indicates banks. Only 1 up and down stream BFW measurements provided, lower than modelled values. Doesn't look like the footings will be placed below scour line based on numbers and design provi

\$10000 in engineering

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 26663

Benefits to Fish & Wildlife: ATS CH, ATS modelled habitat 28.03 units

ATS CH, ATS modelled habitat 28.03 units

Water quality improvements: large scour pool, impoundment upstream. The existing Red Barn Road culverts have significantly altered the hydrology of the upstream area. The culverts are causing the upstream location to behave as a flat wetland due to their size and inlet elevation.

Support letters, other notable benefits: contacted agencies, no concerns

DMR Resource/Habitat Comments : Trib to Kennebec. probably has eels. Not much for salmon.

IFW Resource/Habitat Comments: No file or data on stream almost 4 miles opened, connects a good stretch of upstream and downstream to river

Habitat Opened/Improved: upstream habitat- 3.9 miles

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-26 Norridgewock, Red Barn Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

ATS CH, ATS modelled habitat 28.03 units

Fish present, source of info: brook trout (anecdotal)

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	12

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: 153000

Total Match: 28000

% Match proposed: 18.3

Engineering

To be stamped?: Yes

Level of plan included: Preliminary design

Army Corp Permit info: Contact

Costs over previous 10 years: unknown for clearing culverts

Construction year: 2022

Feasibility for success: reasonable costs, planned match funding

Design concerns or clarification required: Need to double check BFW with more measurements and check footer elevations

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-27 Norridgewock, Winding Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	28
Section IV: Cost Efficiency and Effectiveness	25	12
<u>Total Points</u>	<u>100</u>	<u>54</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-27 Norridgewock, Winding Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Norridgewock

Richard LaBelle

Consultant/Agent Info:

Patrick Gere, St. Germain

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-27 Norridgewock, Winding Hill Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14

Evaluation Team Comments:

Town Name: Norridgewock
Road name: Winding Hill Road
Stream Name: Bombazee Brook

Existing Culvert Size & Material: 6'Dx63'L, CMP

Crossing Age: Unknown years

Bankfull width and method: 14. single upstream downstream measurements

New Structure size & type: 14.9', Open bottom metal arch on concrete footers
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: 5-10 years

Previous flooding or failure events, documentation, culvert condition, age: Clearing is needed at least annually, largely due to beaver damage. No overtopping of road. The culvert has started to fail – the bottom has rusted significantly and is ripping apart in one section

Change in culvert width: 2.5
 condition issues, significant deforming, rusting

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: yes, annually

Impact

Cut Offs: 0

Detours: 11.6 miles; 25 homes, 2 businesses

Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:133. Winding Hill Road has several private residences, a church, and a business that would require a five mile/ten-minute detour be made by fire and medical responders in an emergency.
 steep grade low traffic, longer detour

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-27 Norridgewock, Winding Hill Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	28

Evaluation Team Comments:

Field work: BFW, Longitudinal profile, prelim plans

Bankfull width, method, & confidence: 14

Bankfull width method: single upstream downstream measurements

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed No, also need more measurements

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: BFW, Longitudinal profile, prelim plans

Need to double check BFW with more measurements and check footer elevations

Additional Comments: concerns about footing design, not sure of the elevations the footers will be placed at or if it will be below scour- no scour line denoted on plan or new structure elevations. Concern with lack of more BFW measurements

\$10000 in engineering

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 26690

Benefits to Fish & Wildlife: ATS CH, ATS modelled habitat 23.89 units

ATS CH, ATS modelled habitat 23.89 units

Water quality improvements: large scour pool, There is a large scour pool downstream of the invert under Winding Hill Road. This is followed by significant sediment deposition and other woody debris accumulation in the brook that does not end until approximately 275' downstream.

Support letters, other notable benefits: contacted agencies, no concerns, TNC Support letter

DMR Resource/Habitat Comments: Trib to Kennebec. Probably has eels. Not much for salmon.

IFW Resource/Habitat Comments: File states "poor habitat" almost 13 miles opened, not great habitat but some upstream tributaries

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-27 Norridgewock, Winding Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

Habitat Opened/Improved: upstream habitat- 12.72 miles

ATS CH, ATS modelled habitat 23.89 units

Fish present, source of info: brook trout (anecdotal)

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	12

Evaluation Team Comments:

Requested funding: \$\$125,000

Total Project Cost: \$195000

Total Match: \$70000

% Match proposed: 35.8

Engineering

To be stamped?: Yes

Level of plan included: Preliminary design

Army Corp Permit info: No Contact

Costs over previous 10 years: unknown

Construction year: 2022

Feasibility for success: reasonable costs, planned match funding

Design concerns or clarification required: Need to double check BFW with more measurements and check footer elevations

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-28 North Yarmouth, Sweetser Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16
Section III: Benefits to Fish & Wildlife	50	38
Section IV: Cost Efficiency and Effectiveness	25	17
<u>Total Points</u>	<u>100</u>	<u>71</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-28 North Yarmouth, Sweetser Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of North Yarmouth

Clark Batson

Consultant/Agent Info:

Randy Butler, Dirigo Engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-28 North Yarmouth, Sweetser Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16

Evaluation Team Comments:

Town Name: North Yarmouth
Road name: Sweetser Road
Stream Name: Toddy Brook

Existing Culvert Size & Material: 4'Dx54'L, 15"Dx54'L, CMP

Crossing Age: Unknown years

Bankfull width and method: 12.3. Multiple Field Average

New Structure size & type: 15.2'Sx10'Hx64'L, Open bottom concrete box
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: no over topping but flooding damage reported. Rusted bottom of metal pipe, crushing of pipe at band connection, most likely a broken/
 corroded band clamp, water running under pipe. possible sink holes

Change in culvert width: 2.76
 culvert condition deteriorated, piping occurring, erosion

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 0

Detours: 2 miles; 50 homes, 1 critical infrastructure

Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:94

Public water supply for Town of North Yarmouth, 12-inch supply line runs over the culvert. If crossing fails, it could interrupt public water supply. There would be no other water main connection between Yarmouth water district water supply wells. Water on outlet side of pipe flows with high velocity directly into a clay bank undermining large hemlock and pine trees. Currently trees have fallen into brook and forced. water flow into road way bank. Causing erosion along road. short detour, water main over pipe, low volume road

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-28 North Yarmouth, Sweetser Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	38

Evaluation Team Comments:

Field work: BFW, Longitudinal profile, prelim plans
Bankfull width, method, & confidence: 12.3
Bankfull width method: Multiple Field Average
Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom
Banks within structure? Yes
Type of bottom - Pebble count

New Structure considerations: BFW, Longitudinal profile, prelim plans
 ensure that crossing design that involves stream realignment/alteration is discussed with regulatory agencies
Additional Comments: good design, and fieldwork. Good thought put into the water management and design. Some old stream will be disconnected, so will need to be looked at in permitting for any negative impacts but should help realign stream properly
 \$22k in engineering

Barrier status, source: Potential Barrier
Maine Stream Habitat Viewer ID: 8670

Benefits to Fish & Wildlife: brook trout habitat
 brook trout habitat

Water quality improvements: terrestrial passage included, large DS scour pool and erosion corrected. The outlet flow has a 90 degree turn, which has resulted in a large scour pool and significant erosion of a steep slope northeast of the pool.

Support letters, other notable benefits: contacted IFW
DMR Resource/Habitat Comments: Far from main stem Royal River, maybe eels
IFW Resource/Habitat Comments: Wild BKT; one of few populations in the Town
 wild brook trout habitat not much opened

Habitat Opened/Improved: upstream habitat- 0.34 miles

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-28 North Yarmouth, Sweetser Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

brook trout habitat

Fish present, source of info: Stream has wild brook trout, Stickleback, and Black nosed Dace.
- James Pellerin, Regional Fisheries Biologist, Maine DIFW

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	17

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$277000

Total Match: \$152000

% Match proposed: 54.8

Engineering

To be stamped?: Yes

Level of plan included: Site specific 90%+ plans

Army Corp Permit info: Application submitted

Costs over previous 10 years: none reported

Construction year: 2022

Feasibility for success: reasonable costs, planned match funding

Design concerns or clarification required: ensure that crossing design that involves stream realignment/alteration is discussed with regulatory agencies

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-29 Old Orchard Beach, Old Orchard Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 		X
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	n/a
Section III: Benefits to Fish & Wildlife	50	n/a
Section IV: Cost Efficiency and Effectiveness	25	n/a
<u>Total Points</u>	<u>100</u>	<u>n/a</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-29 Old Orchard Beach, Old Orchard Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

The proposed project is located on a road segment listed as “State-Aid” in MaineDOT’s Mapviewer. Projects located on State Aid Roads are not eligible for consideration under RFA#202106082.

Contact information:

Town of Old Orchard Beach
Diana Asanza

Consultant/Agent Info:

Charles Daigle, Wright-Pierce

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-30 Peru, Dickvale Rd

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 		X
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	n/a
Section III: Benefits to Fish & Wildlife	50	n/a
Section IV: Cost Efficiency and Effectiveness	25	n/a
<u>Total Points</u>	<u>100</u>	<u>n/a</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-30 Peru, Dickvale Rd

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Following discussion by the grant review team, the existing crossing structure was determined to meet the definition of a bridge and does not meet the definition of a culvert in RFA#202106082. Therefore, this proposal is not currently eligible for consideration.

Contact information:

Town of Peru

Brad Hutchings

Consultant/Agent Info:

Calderwood Engineering

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-30- Peru, Dickvale Rd

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

Project does not qualify-meets definition of a bridge

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-31 Phillips, East Madrid Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16
Section III: Benefits to Fish & Wildlife	50	47
Section IV: Cost Efficiency and Effectiveness	25	11
<u>Total Points</u>	<u>100</u>	<u>74</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-31 Phillips, East Madrid Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Phillips

Maureen Haley, Town Manager

Consultant/Agent Info:

Alex Abbott

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-31 Phillips, East Madrid Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16

Evaluation Team Comments:

Town Name: Phillips
Road name: East Madrid Road
Stream Name: Black brook tributary (Sandy River WS)

Existing Culvert Size & Material: 2'Dx46'L, CMP

Crossing Age: 20 years
Bankfull width and method: 12.5. Multiple Field Average

New Structure size & type: 15.3'Sx9'Hx44'L, Open bottom concrete
Contacted DOT Bridge Program if 10' or greater?: No

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: no overtopping over last 10 years, frequent clogging. Damage has occurred from flooding. The inlet is currently deformed slightly, and has been subject to inundation in the past, with the embankment fill above subsided and eroded.

Change in culvert width: 7.5
 undersized, flood damage, downstream scour/hanging, not very old

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes, 1-2x

Impact

Cut Offs: 0
Detours: 5.5 miles; >20 homes, >20 businesses, >5 infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:155

Approximately 16 Phillips residences rely immediately on access to state Route 142 along the East Madrid Road, and would be forced to detour approximately 5 miles if this culvert were to fail. Further, Madrid Township residences along this road would be a public and private access would be similarly limited, including fire, police and ambulances, school buses, public works, commercial traffic and delivery services. Additionally, the heavyweight traffic from the nearby asphalt plant has an impact on the viability of the current culvert. heavy loaded vehicles, moderate detour

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-31 Phillips, East Madrid Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	47

Evaluation Team Comments:

Field work: BFW, Longitudinal profile, prelim plans
Bankfull width, method, & confidence: 12.5
Bankfull width method: Multiple Field Average
Longitudinal profile of stream beyond culvert influence completed? Yes
1.2 x BFW or Tidal analysis sizing, considerations performed Yes
Natural Bottom information: Yes, Open bottom
Banks within structure? Yes
Type of bottom - Pebble count
New Structure considerations: BFW, Longitudinal profile, prelim plans
Additional Comments: great fieldwork and restoration plan, sediment composition, measured values. Confident in design and install
 Prelim design, engineer TBD
Barrier status, source: Barrier
Maine Stream Habitat Viewer ID: 15063
Benefits to Fish & Wildlife: ATS CH, ATS DPS, 25.5 Units ATS high priority modelled habitat, IWWH
 ATS CH, ATS DPS, 25.5 Units ATS high priority modelled habitat, IWWH
Water quality improvements: large outlet drop and scour pool. Salmon spawning area downstream. Another project on this stream (DS) was completed in 2020. In addition to this site, two private downstream sites nearby will be removed and replaced with one much larger
 Stream Simulation
Support letters, other notable benefits: Attached letter from Paul Christman of DMR – key tributary to provide Coldwater refuge for juvenile Atlantic salmon moving up from spawning sites in the Sandy River downstream from this site. Attached letter of support from Elizabeth Thorndike of IFW – historic brook trout stream with cold-water habitat
DMR Resource/Habitat Comments: Modeled ATS habitat and managed for ATS immediately downstream
IFW Resource/Habitat Comments: BKT documented downstream and crossing downstream was recently replaced with fish passage potential for AT salmon, brook trout, good cold water habitat, rec from DMR, near spawning areas and rearing sites
Habitat Opened/Improved: upstream habitat- 1.96 miles
 ATS CH, ATS DPS, 25.5 Units ATS high priority modelled habitat, IWWH
Fish present, source of info: brook trout, possible Atlantic salmon

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-31 Phillips, East Madrid Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	11

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$144000

Total Match: \$19000

% Match proposed: 13.1

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: 0

Construction year: 2022

Feasibility for success: reasonable costs, match is lower, other grant funds in hand, in-kind and town funds

Design concerns or clarification required:

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-32 Pittston, Blodgett Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16
Section III: Benefits to Fish & Wildlife	50	26
Section IV: Cost Efficiency and Effectiveness	25	11
<u>Total Points</u>	<u>100</u>	<u>53</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-32 Pittston, Blodgett Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Pittston

Mary Jean Ambrose

Consultant/Agent Info:

St. Germain

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-32 Pittston, Blodgett Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16

Evaluation Team Comments:

Town Name: Pittston
Road name: Blodgett Road
Stream Name: Unnamed tributary to Eastern River

Existing Culvert Size & Material: 7'Dx40'L, CMP

Crossing Age: Unknown years

Bankfull width and method: 21.5. single upstream downstream measurements, chose modelled value of significantly less. Measured value: 21.5'

New Structure size & type: 9.5'Sx6'Hx40'L, Open bottom metal arch on concrete footers
Contacted DOT Bridge Program if 10' or greater?: No

Estimated time to failure: <1 years

Previous flooding or failure events, documentation, culvert condition, age: No overtopping, beaver damage/cleaning every year. water flows beneath and around the structure from one side to the other. Rusted out and not functioning as designed

Change in culvert width: 1.3571428571
 erosion of shoulders, beaver and flooding damage

Design meets DOT 100-year flood standard: yes?, but unsure based on BFW measurements, need to calculate

Regularly obstruction or maintenance required?: yes, annually

Impact

Cut Offs: 12 Homes

Detours: n/a, cut-off

Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:143

Twelve homes down Blodgett Road would be completely isolated from critical public services and all town

amenities should the crossing fail.

higher # of cutoffs

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-32 Pittston, Blodgett Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	26

Evaluation Team Comments:

Field work: Longitudinal profile, prelimes design

Bankfull width, method, & confidence: 21.5

Bankfull width method: single upstream downstream measurements, chose modelled value of significantly less. Measured value: 21.5'

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed No

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: Longitudinal profile, prelimes design

More detailed info should be provided and field measured BFW

Additional Comments: don't have confidence in the bankfull width measurement accuracy, calculated value is significantly less than field measurement which should be from a representative portion of the stream. Scour depth included but stream slope (overall) seems like it is b

\$10k in engineering. Low confidence in bankfull width and structure sizing

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 15975

Benefits to Fish & Wildlife: IWWH, ATS CH, ATS modelled habitat 35.81 units

IWWH, ATS CH, ATS modelled habitat 35.81 units

Water quality improvements: impounds water upstream, scour pool DS. Proposed structure is about 1/2 of measured BFW. NOTE: Should be measuring BFW outside culvert influence with multiple averaged measurements

Support letters, other notable benefits: contacted agencies, no salmon habitat or fisheries concerns with project

DMR Resource/Habitat Comments: Adjacent to (upstream of) high priority Smelt habitat

IFW Resource/Habitat Comments:

fish present, critical habitat for ATS, modelled habitat, 2.8 miles opened

Habitat Opened/Improved: upstream habitat- 2.8 miles

IWWH, ATS CH, ATS modelled habitat 35.81 units

Fish present, source of info: Yes, observed

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-32 Pittston, Blodgett Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	11

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: 153000

Total Match: 28000

% Match proposed: 18.3

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: unknown

Construction year: 2022

Feasibility for success: funding planned, Reasonable costs

Design concerns or clarification required: More detailed info should be provided and field measured BFW

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-33 Pittston, Pinkham Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	21
Section III: Benefits to Fish & Wildlife	50	32
Section IV: Cost Efficiency and Effectiveness	25	16
<u>Total Points</u>	<u>100</u>	<u>69</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-33 Pittston, Pinkham Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Pittston

Mary Jean Ambrose

Consultant/Agent Info:

St. Germain

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-33 Pittston, Pinkham Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	21

Evaluation Team Comments:

Town Name: Pittston
Road name: Pinkham Road
Stream Name: Stony Meadow Brook
Existing Culvert Size & Material: 8'Dx60"L, CMP

Crossing Age: 32 years
Bankfull width and method: 25. single upstream downstream measurements, chose single DS measurement for sizing, modelled value (typically underestimated) is ~20'

New Structure size & type: 31'2"Sx10'Hx33'L, Open bottom concrete arch
Contacted DOT Bridge Program if 10' or greater?: Yes, Plans reviewed

Estimated time to failure: 1-3 years
Previous flooding or failure events, documentation, culvert condition, age: The crossing overtops 2-3 feet annually and causes a full road closure every spring for approximately a week. On Oct 31, 2021, heavy rains flooded the road and required a three-day road closure. Significant portions of the metal culvert have eroded and it

Change in culvert width: 3.8875
 relatively good condition on top, multiplate dislodged, but frequent flooding and road closures yearly

Design meets DOT 100-year flood standard: Yes
Regularly obstruction or maintenance required?: Yes, frequently
Impact

Cut Offs: 0
Detours: 6 miles; >65 homes, 2 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:298
 Pinkham Road is a through road that connects Route 126 and Route 226. Those commuting to Togus VA
 Hospital frequently use this road. The Pittston Central Fire Station is located on Route 126, when this Pinkham
 Road crossing overtops, all the houses to the
 The culvert's current condition has warranted the road weight limit to be reduced to 13 tons.
 Signs of significant
 damage to the structure were observed during the stream survey.
 weight limited, moderate detour, Togus VA

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-33 Pittston, Pinkham Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	32

Evaluation Team Comments:

Field work: Longitudinal profile, prelimes design

Bankfull width, method, & confidence: 25

Bankfull width method: single upstream downstream measurements, chose single DS measurement for sizing, modelled value (typically underestimated) is ~20'

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open bottom

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: Longitudinal profile, prelimes design

Additional Comments: longitudinal profile has been completed, but unsure of the methodology used to arrive at slope for project (over 150' DS) but doesn't have bankfull width measurements. Based on 1 measurement downstream only, not confident in sizing

\$10k in engineering. design reviewed by DOT

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 15996

Benefits to Fish & Wildlife: ATS CH, ATS Modelled habitat 56.66 units

ATS CH, ATS Modelled habitat 56.66 units

Water quality improvements: The culvert has resulted

in the backwatered upstream portion acting as a wetland with slower moving water and a greater bankfull width than would occur naturally.

Support letters, other notable benefits: Denis-Marc Nault of MDMR indicated "Atlantic Salmon parr have been

stocked upstream but in low numbers for a research project" and "parts of

the tributary have been surveyed and has limited juvenile salmon habitat." Contacted IFW: No fisheries concerns

DMR Resource/Habitat Comments: Surveyed ATS habitat immediately downstream; Tributary to Togus Stream

IFW Resource/Habitat Comments:

good amount of habitat opened, possible Atlantic salmon presence from stocking

Habitat Opened/Improved: upstream habitat- 5.2 miles

ATS CH, ATS Modelled habitat 56.66 units

Fish present, source of info: Atlantic salmon

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-33 Pittston, Pinkham Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	16

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$375000

Total Match: \$250000

% Match proposed: 66.6

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: unknown

Construction year: 2022

Feasibility for success: funding planned, \$250k in match. Reasonable costs

NOTE: Should be measuring BFW outside culvert influence with multiple averaged measurements

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-34 Richmond, Beedle Road (West)

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	20
Section III: Benefits to Fish & Wildlife	50	30
Section IV: Cost Efficiency and Effectiveness	25	18
<u>Total Points</u>	<u>100</u>	<u>68</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-34 Richmond, Beedle Road (West)

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Richmond

Laurisa Loon, Town Manager

Consultant/Agent Info:

Robert Prue, Pine Tree Engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-34 Richmond, Beedle Road (West)
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	20

Evaluation Team Comments:

Town Name: Richmond
Road name: Beedle Road (West)
Stream Name: Abagadasset River
Existing Culvert Size & Material: (2) 4.5'Dx80'L, CMP
Crossing Age: 35+ years
Bankfull width and method: 13.6. Multiple Field Average
New Structure size & type: 17'Sx6'Hx60'L, 4 Sided Concrete Box
Contacted DOT Bridge Program if 10' or greater?: Yes
Estimated time to failure: <1 years
Previous flooding or failure events, documentation, culvert condition, age: The crossing has caused flooding six times over the past 2 years and over 30 times over the past 10 years. The road is showing significant erosion at the crossing at both the inlet and outlet. Road closures during flooding
Change in culvert width: 1.8
 no light seen through culvert, unzipping, flooding issues, road closures
Design meets DOT 100-year flood standard: Yes
Regularly obstruction or maintenance required?: Yes, 1-2x per year

Impact

Cut Offs: 0
Detours: 7 miles; 10 homes, 5 businesses
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:230
 emergency services
 The erosion at both the inlet and outlet has resulted in excessive debris that is plugging culverts. The roadway is undermined at each flood event, which will ultimately lead to complete failure of the crossing. If the road continues to flood it is in danger of collapsing.
 moderate detour length, few residences, moderate traffic

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-34 Richmond, Beedle Road (West)
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	30

Evaluation Team Comments:

Field work: full profile, survey, 90% plans

Bankfull width, method, & confidence: 13.6

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, embedded

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: full profile, survey, 90% plans

Check elevations on invert

Additional Comments: good field work but have questions about slope and elevation of new crossing structure

\$15k in engineering

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 15907

Benefits to Fish & Wildlife: ATS CH, Brook trout habitat

ATS CH, Brook trout habitat

Water quality improvements: Flooding has caused erosion at the roadway fill slope banks, and at the inlet and outlet, as well as a scour pool

at the outlet. The new crossing will eliminate the erosion and the scour pool. DS anadromous spp but "iffy" at this site--warm

Support letters, other notable benefits: Wes Ashe MDIFW did say that a larger structure would certainly benefit this site by limiting erosion, enhancing road integrity, providing natural flow, and reducing any artificial ponding on the upstream. This crossing is on the

Abadagasset River, which is designated as a critical habitat for Atlantic Salmon, Alewife, Sea-Run Rainbow

Smelt, Wild Eastern Brook Trout, and Sea-run Rainbow Smelt.

DMR Resource/Habitat Comments:no managed sea-run species in immediate area

IFW Resource/Habitat Comments:

stream viewer indicates 8.4 miles opened upstream but Rte 295 is not surveyed and unlikely to allow proper passage beyond , less than 1 mile likely

Habitat Opened/Improved: upstream habitat- 8.4 miles

ATS CH, Brook trout habitat

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-34 Richmond, Beedle Road (West)

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

Fish present, source of info: creek chub, pumpkinseed sunfish -IFW survey. Contacted DMR, no response, brook trout

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	18

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$374000

Total Match: \$249000

% Match proposed: 66.5

Engineering

To be stamped?: Yes

Level of plan included: Site specific 90%+ plans

Army Corp Permit info: Application submitted

Costs over previous 10 years: \$4000 in 2020, unsure of other years

Construction year: 2022

Feasibility for success: reasonable costs, match doesn't seem to be in hand currently but planned to be raised

Design concerns or clarification required: Check elevations on invert

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-35 Richmond, Beedle Road (East)

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	18
Section III: Benefits to Fish & Wildlife	50	31
Section IV: Cost Efficiency and Effectiveness	25	14
<u>Total Points</u>	<u>100</u>	<u>63</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-35 Richmond, Beedle Road (East)

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Richmond

Laurisa Loon, Town Manager

Consultant/Agent Info:

Robert Prue, Pine Tree Engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-35 Richmond, Beedle Road (East)
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	18

Evaluation Team Comments:

Town Name: Richmond
Road name: Beedle Road (East)
Stream Name: Unnamed tributary to Abagadasset River

Existing Culvert Size & Material: 6'Dx68'L, CMP

Crossing Age: 35+ years

Bankfull width and method: 7.1. Multiple Field Average

New Structure size & type: 9'sx8'Hx45'L, 4 Sided Concrete Box
Contacted DOT Bridge Program if 10' or greater?: n/a

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: overtopping over road approx. 2x year, damage reported, undersized. The culvert inlet is damaged. There is considerable

road erosion at the crossing that puts the integrity of the road at risk. This culvert is over 35 years old, is split at a joint, and i

Change in culvert width: 1.5
 culvert in very bad shape, end turned up

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 0

Detours: 5.1 miles; 10 homes, 5 businesses

Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:230

emergency services

Approximately twice a year the crossing overtops and drains into the fields of Roseberry Farm, causing damage to crops and impacting the farmer's livelihood. Currently the crossing does not have any guardrails

moderate detour length, few residences, moderate traffic

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-35 Richmond, Beedle Road (East)
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	31

Evaluation Team Comments:

Field work: full profile, survey, 90% plans

Bankfull width, method, & confidence: 7.1

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, embedded

Banks within structure? Yes

Type of bottom - Pebble count

New Structure considerations: full profile, survey, 90% plans

Skew direction should be revisited to improve alignment

Additional Comments: more distance for longitudinal profile to ensure elevation is correctly established for stream bed and slope-skew could be improved

\$15k in engineering

Barrier status, source: barrier, perched

Maine Stream Habitat Viewer ID: 0

Benefits to Fish & Wildlife: ATS CH

ATS CH

Water quality improvements: Abadagasset River is designated as a critical habitat for Atlantic Salmon, contains Alewife, Sea-Run Rainbow Smelt, Wild Eastern Brook Trout, and Sea-run Rainbow Smelt. DS scour pool

Support letters, other notable benefits: contacted agencies, no response from DMR

DMR Resource/Habitat Comments: no managed sea-run species in immediate area

IFW Resource/Habitat Comments:

multiple downstream unmapped barriers, farm field, possible brook trout per Wes Ashe

Habitat Opened/Improved: upstream habitat- 0 miles

ATS CH

Fish present, source of info: creek chub, brook trout might be present- Wes Ashe @ IFW

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-35 Richmond, Beedle Road (East)

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	14

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$226000

Total Match: \$101000

% Match proposed 44.6

Engineering

To be stamped?: Yes

Level of plan included: Site specific 90%+ plans

Army Corp Permit info: Application submitted

Costs over previous 10 years: none

Construction year: 2022

Feasibility for success: reasonable costs, match doesn't seem to be in hand currently but planned to be raised

Design concerns or clarification required: Skew direction should be revisited to improve alignment

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-36 Rockport, West Street Extension

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16
Section III: Benefits to Fish & Wildlife	50	22
Section IV: Cost Efficiency and Effectiveness	25	17
<u>Total Points</u>	<u>100</u>	<u>55</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-36 Rockport, West Street Extension

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Rockport

Jonathan Duke

Consultant/Agent Info:

n/a

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-36 Rockport, West Street Extension
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16

Evaluation Team Comments:

Town Name: Rockport
Road name: West Street Extension
Stream Name: Oyster River

Existing Culvert Size & Material: 5.02'Sx5.4'Hx33'L (MSHV) (2nd overflow also), CMP, Plastic

Crossing Age: unknown years

Bankfull width and method: 14. Multiple Field Average (11.5', went with higher calculated value

New Structure size & type: 15.75'x7.5'Hx40'L, Open bottom concrete box
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: <1 years

Previous flooding or failure events, documentation, culvert condition, age: overtopped 5 out last 10 years, cleaning 3x per year, flooding damage photos provided. 31 October 2021, the road was almost washed out. Slightly damaged to a point where it will be replaced in 2022. Road closure

Change in culvert width: 3.15
 overtopping frequently, deteriorating condition

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes, 3 x year

Impact

Cut Offs: 0
Detours: 2.6 mile detour
Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:670
 unknown affect to homes, businesses
 emergency response
 shorter detour, no other info on affected residences etc.

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-36 Rockport, West Street Extension
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	22

Evaluation Team Comments:

Field work: BFW

Bankfull width, method, & confidence: 14

Bankfull width method: Multiple Field Average (11.5', went with higher calculated value

Longitudinal profile of stream beyond culvert influence completed? No

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Natural bottom

Banks within structure? Yes in plan

Type of bottom - TBD

New Structure considerations: BFW

Additional Comments: bankfull width inside structure is different than recorded(13' vs 14'), concerned with crushed stone along footer--could this cause subsurface flow/dewatering of channel at low flows? Need longitudinal profile to determine slope and scour depth

\$15k in engineering

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 4421

Benefits to Fish & Wildlife: ATS CH

ATS CH

Water quality improvements: This crossing has two culverts. One larger than the other which serves as the primary.

Support letters, other notable benefits: Contact with USFWS, IFW , designated Critical Habitat

DMR Resource/Habitat Comments: Tributary to St. George River;

IFW Resource/Habitat Comments:

multiple upstream and downstream barriers, limited habitat above, unlikely

Habitat Opened/Improved: upstream habitat- 0.87 miles

ATS CH

Fish present, source of info: assumed, ATS unlikely per Wende Mahaney USFWS

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-36 Rockport, West Street Extension

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	17

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$473000

Total Match: \$348000

% Match proposed: 73.5

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: unsure

Construction year: 2022

Feasibility for success: high match, funds planned, high project cost

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-37 Rockport, Robinson Drive

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	23
Section III: Benefits to Fish & Wildlife	50	23
Section IV: Cost Efficiency and Effectiveness	25	19
<u>Total Points</u>	<u>100</u>	<u>65</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-37 Rockport, Robinson Drive

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Rockport

Jonathan Duke

Consultant/Agent Info:

n/a

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-37 Rockport, Robinson Drive
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	23

Evaluation Team Comments:

Town Name: Rockport
Road name: Robinson Drive
Stream Name: Oyster River

Existing Culvert Size & Material: 12'Sx8'Hx56'L, CMP, Plastic

Crossing Age: unknown years

Bankfull width and method: 31. Multiple Field Average (26.5', went with higher calculated value

New Structure size & type: 31' spanx10'H x31'L?, Open bottom aluminum arch
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: <1 years

Previous flooding or failure events, documentation, culvert condition, age: previous failures, extremely bad condition, collapsing photos included of damage. 31 October 2021. Road washed out due to torrential rain.

Change in culvert width: 2.5
 essentially completely failed, buckled

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes,

Impact

Cut Offs: 28 homes, 1 business

Detours: no detour

Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:149

emergency response, residential neighborhood cutoff completely

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-37 Rockport, Robinson Drive
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	23

Evaluation Team Comments:

Field work: BFW

Bankfull width, method, & confidence: 31

Bankfull width method: Multiple Field Average (26.5', went with higher calculated value
Longitudinal profile of stream beyond culvert influence completed? ?

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open Bottom

Banks within structure? ?

Type of bottom - TBD

New Structure considerations: BFW

Roadway is being relocated, we need more info on restoration of stream channel will also likely require permitting. New stream channel should be restored to a natural condition at least bankfull width. How far back will road be removed?

Additional Comments: questions about roadway removal and stream restoration of previously impacted area. Permitting likely. Only basic plans, no site specific info on footings longitudinal profile, depths- may not need to use the accolated value and go with the field average.

Barrier status, source: No Barrier per viewer, currently impassable (photos)

Maine Stream Habitat Viewer ID: 4523

Benefits to Fish & Wildlife: ATS CH

ATS CH

Water quality improvements: DS sedimentation noted, no passage currently as culvert is collapsed

Support letters, other notable benefits: Contact with USFWS, IFW , designated Critical Habitat

DMR Resource/Habitat Comments: Tributary to St. George River;

IFW Resource/Habitat Comments: BKT found in nearby locations. Temperatures suitable. washed out and poorly replaced--erosion and potential stabilization issues currently

Habitat Opened/Improved: upstream habitat- 0 miles

ATS CH

Fish present, source of info: assumed, ATS unlikely per Wende Mahaney USFWS

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER: 2021R-37 Rockport, Robinson Drive
DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	19

Evaluation Team Comments:

Requested funding: \$125,000
Total Project Cost: \$772000
Total Match: \$647000
 % Match proposed 83.8

Engineering
 To be stamped?: Yes
 Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: 300000
Construction year: 2023 assumed

Feasibility for success: high match, funds planned, high project cost

Design concerns or clarification required:

Roadway is being relocated, we need more info on restoration of stream channel will also likely require permitting. New stream channel should be restored to a natural condition at least bankfull width. How far back will road be removed?

Structure type is likely to be issue with MaineDOT. Coordination as soon as feasible is recommended

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-38 Rumford, Prospect Avenue

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	10
Section III: Benefits to Fish & Wildlife	50	27
Section IV: Cost Efficiency and Effectiveness	25	16
<u>Total Points</u>	<u>100</u>	<u>53</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-38 Rumford, Prospect Avenue

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Rumford

Dale Roberts

Consultant/Agent Info:

Robert Prue, Pine Tree Engineering

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-38 Rumford, Prospect Avenue
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	10

Evaluation Team Comments:

Town Name: Rumford
Road name: Prospect Avenue
Stream Name: Unnamed trib to Androscoggin River
Existing Culvert Size & Material: 4'Dx42'L, Concrete pipe
Crossing Age: 60+ years
Bankfull width and method: 8.3. Multiple Field Average

New Structure size & type: 10'Sx8'Hx45'L, 4 Sided Concrete Box
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: 5-10 years

Previous flooding or failure events, documentation, culvert condition, age: overtops 1x year on average, cleaning every spring, deteriorating culvert 60+ years old

Change in culvert width: 1
 flooding but condition is not near failure yet due to material/size

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes, annually

Impact

Cut Offs: 0

Detours: 0.7 mile detour , 24 homes

Affected residents, business, affected critical infrastructure, other safety issues, traffic:
 AADT:270

emergency response; Prospect Avenue is a heavily used road. The Flooding/Damage has not been severe enough to fully close the road to date, but it does increase maintenance costs for the Town and if not addressed the culvert is at risk of failing. short detour

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-38 Rumford, Prospect Avenue
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	27

Evaluation Team Comments:

Field work: BFW, Longitudinal profile, prelim plans
Bankfull width, method, & confidence: 8.3
Bankfull width method: Multiple Field Average
Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, embedded 2 ft
Banks within structure? Yes
Type of bottom - Pebble Count

New Structure considerations: BFW, Longitudinal profile, prelim plans
Additional Comments: pretty much flat slope, includes profile, good elevation
 \$15k in engineering

Barrier status, source: Potential Barrier
Maine Stream Habitat Viewer ID: 23187

Benefits to Fish & Wildlife: Wild brook trout habitat
 Wild brook trout habitat

Water quality improvements: stream simulation design

Support letters, other notable benefits: contacted agencies, limited information available on drainage

DMR Resource/Habitat Comments: Above anadromy for all species except eels

IFW Resource/Habitat Comments: No file or data on stream

wild brook trout habitat, not much fisheries data available, 1 DS potential barrier

Habitat Opened/Improved: upstream habitat- 0.2 miles
 Wild brook trout habitat

Fish present, source of info: likely, brook trout habitat mapped, not much info available

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER: 2021R-38 Rumford, Prospect Avenue
DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	16

Evaluation Team Comments:

Requested funding: \$125,000
Total Project Cost: \$244000
Total Match: \$119000
 % Match proposed: 48.7

Engineering
 To be stamped?: Yes
 Level of plan included: Site Specific 90%+

Army Corp Permit info: Application submitted

Costs over previous 10 years: none
Construction year: 2022

Feasibility for success: detailed budget, reasonable costs, funds committed

Design concerns or clarification required:

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-39 Skowhegan, Steward Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	17
Section III: Benefits to Fish & Wildlife	50	31
Section IV: Cost Efficiency and Effectiveness	25	16
<u>Total Points</u>	<u>100</u>	<u>64</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-39 Skowhegan, Steward Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Skowhegan

Don Kinney

Consultant/Agent Info:

St. Germain

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-39 Skowhegan, Steward Hill Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	17

Evaluation Team Comments:

Town Name: Skowhegan
Road name: Steward Hill Road
Stream Name: Cold Brook

Existing Culvert Size & Material: 18'Sx7'Hx45'L; 5'Dx45'L, pipe arch, CMP

Crossing Age: Unknown years

Bankfull width and method: 23.05. field measured, 1 US, DS each, matches models

New Structure size & type: 30'S(26'CS)x8'Hx26'L, Open bottom concrete arch
Contacted DOT Bridge Program if 10' or greater?: Yes, design reviewed

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: significant rust damage noted (2 crossings), no overtopping or flood damage noted

Change in culvert width: 1.4
 culvert in bad shape, unzipping along both sides

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 7 homes

Detours: 0

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT:123

cut offs

emergency services

cut offs, lower volume road

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-39 Skowhegan, Steward Hill Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	31

Evaluation Team Comments:

Field work: BFW, Longitudinal profile, prelim plans
Bankfull width, method, & confidence: 23.05
Bankfull width method: field measured, 1 US, DS each, matches models
Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open Bottom
Banks within structure? Yes
Type of bottom - Visual analysis

New Structure considerations: BFW, Longitudinal profile, prelim plans
Additional Comments: only 1 upstream and 1 downstream BFW measurement used- matches models but still would like to have higher confidence in the sizing with more data points. Cross section and long profile included, no info on elevation of footings. Not sure if understand how \$10k in engineering

Barrier status, source: Potential Barrier
Maine Stream Habitat Viewer ID: 26673

Benefits to Fish & Wildlife: ATS CH, ATS modelled habitat 91 units
 ATS CH, ATS modelled habitat 91 units

Water quality improvements: impounds water, very large island was observed in the middle of this stream downstream of the

Support letters, other notable benefits: contacted agencies, no impacts indicated
DMR Resource/Habitat Comments: Tributary to Wesserunset Stream
IFW Resource/Habitat Comments: File states "good spawning/nursery habitat, some adult habitat, YOY BKT efished"
 good spawning and young of year habitat for Brook trout per IFW file, opens over 6 miles upstream
Habitat Opened/Improved: upstream habitat- 6.62 miles
 ATS CH, ATS modelled habitat 91 units
Fish present, source of info: none listed, assumed, "Cold Brook is a tributary of the Kennebec River, a river with known Atlantic salmon populations."

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-39 Skowhegan, Steward Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	16

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$378000

Total Match: \$ 253000

% Match proposed: 66.9

Engineering

To be stamped?: Yes

Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: unknown

Construction year: 2022

Feasibility for success: reasonable budget items, fund status planned

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-40 Standish, Moody Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	32
Section IV: Cost Efficiency and Effectiveness	25	11
<u>Total Points</u>	<u>100</u>	<u>57</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-40 Standish, Moody Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Standish

Roger Mosley

Consultant/Agent Info:

Ransom Consulting

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-40 Standish, Moody Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14

Evaluation Team Comments:

Town Name: Standish
Road name: Moody Road
Stream Name: Sticky River

Existing Culvert Size & Material: 4'Dx30'L, CMP

Crossing Age: Unknown years

Bankfull width and method: 11. measured in 2019 (no data), matches modelled values

New Structure size & type: 13.5'Sx4'Hx30'L, Open bottom concrete box
Contacted DOT Bridge Program if 10' or greater?: No, indicated contact upon award

Estimated time to failure: 1-5 years years

Previous flooding or failure events, documentation, culvert condition, age: no overtopping reported, regular cleaning. Undersized only 30% of 1.2xBFW sizing

Change in culvert width: 3.375
 can't see through culvert, rusting along water line, significant erosion. Based on stream viewer erosion photos, possible previous overtopping

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes, regular cleaning

Impact

Cut Offs: 0

Detours: 5.64 mile detour

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT:313

none reported

The Town of Standish Public Works Facility is located adjacent to the culvert. Access to the facility would be

limited

no info on impacts, moderate detour length

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-40 Standish, Moody Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	32

Evaluation Team Comments:

Field work: none

Bankfull width, method, & confidence: 11

Bankfull width method: measured in 2019 (no data), matches modelled values

Longitudinal profile of stream beyond culvert influence completed? Yes, TBD

1.2 x BFW or Tidal analysis sizing, considerations performed No* footers pinch

Natural Bottom information: Yes, Open Bottom

Banks within structure? Yes

Type of bottom - Pebble Count

New Structure considerations: none

Additional Comments: like to know more about how the bankfull width measurements were conducted, but seems consistent with the modelled values. Structure width at widest meets 1.2xBFW but since the stream channel elevation is at the elevation of the footings is between footing \$18,000 in engineering

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 8707

Benefits to Fish & Wildlife: Brook Trout Habitat, Documented Alewife Habitat

Brook Trout Habitat, Documented Alewife Habitat

Water quality improvements: There is only one other partially obstructed culvert between this location and the documented Alewife

Habitat of Sebago Lake. Current upstream backwater

Support letters, other notable benefits: no contact with fisheries agencies

DMR Resource/Habitat Comments: Above managed range for all species except maybe eels; Tributary above Sebago Lake

IFW Resource/Habitat Comments: Wild BKT

wild brook trout present- in priority conservation area- erosion into riparian areas

Habitat Opened/Improved: upstream habitat- 1.8 miles

Brook Trout Habitat, Documented Alewife Habitat

Fish present, source of info: wild brook trout, alewives?

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER: 2021R-40 Standish, Moody Road
DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	11

Evaluation Team Comments:

Requested funding: \$125,000
Total Project Cost: \$237050
Total Match: \$112050
 % Match proposed: 47.2

Engineering
 To be stamped?: Yes
 Level of plan included: Conceptual Plan

Army Corp Permit info: No contact

Costs over previous 10 years: none
Construction year: 2023

Feasibility for success: reasonable costs, budget, funding uncertain

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-41 Starks, Locke Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> • The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> • The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> • The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	22
Section III: Benefits to Fish & Wildlife	50	45
Section IV: Cost Efficiency and Effectiveness	25	14
<u>Total Points</u>	<u>100</u>	<u>81</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-41 Starks, Locke Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Starks

Ernie Hilton

Consultant/Agent Info:

n/a

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-41 Starks, Locke Hill Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	22

Evaluation Team Comments:

Town Name: Starks
Road name: Locke Hill Road
Stream Name: Duley Brook

Existing Culvert Size & Material: 3'Dx60"L, HDPE

Crossing Age: 1 years

Bankfull width and method: 13. Multiple Field Average, upstream only (higher than models)

New Structure size & type: 17.8'Sx8'HX40L, Open bottom concrete box
Contacted DOT Bridge Program if 10' or greater?: No, indicated contact upon award

Estimated time to failure: 1-3 years

Previous flooding or failure events, documentation, culvert condition, age: Overtops 1x per year, requires cleaning, severe damage noted in photos (2020); number of 36 inch culverts have been tried and failed over years

Change in culvert width: 5.2
 flooding photos, complete washout in 2020, replaced in kind

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes, annually

Impact

Cut Offs: 15 homes, 10 businesses

Detours: 0

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT:80

homes & businesses

town water line, no guard rails, emergency access & deliveries cut off

many businesses, homes cut off

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-41 Starks, Locke Hill Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	45

Evaluation Team Comments:

Field work: Bankfull width, longitudinal profile, restoration plan

Bankfull width, method, & confidence: 13

Bankfull width method: Multiple Field Average, upstream only (higher than models)

Longitudinal profile of stream beyond culvert influence completed? Yes

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open Bottom

Banks within structure? Yes

Type of bottom - Pebble Count

New Structure considerations: Bankfull width, longitudinal profile, restoration plan

Removal of downstream material may require permitting considerations due to distance downstream and temporary access road impacts. Please check with DEP and Army Corps staff

Additional Comments: good measurements and design. Restoration plan and all info included. Good profile, some concerns about impacts beyond crossing site in regards to permitting, but will likely improve function of crossing structure. Good water management plan - thoughtful
2018-concrete arch installed nearby Watson Stream

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 15724

Benefits to Fish & Wildlife: Brook trout habitat, ATS CH, ATS DPS, ATS modelled habitat class 1 & 2 25 units

Brook trout habitat, ATS CH, ATS DPS, ATS modelled habitat class 1 & 2 25 units

Water quality improvements: large scour pool, stream sim design, long lived structure design

Support letters, other notable benefits: support from IFW (Liz Thorndike), brook trout known directly downstream. Support from DMR-important salmon priority watershed

DMR Resource/Habitat Comments: Modeled ATS rearing habitat downstream; Tributary to Lemon Stream

IFW Resource/Habitat Comments: BKT documented downstream and crossing directly downstream was recently replaced with fish passage

Sandy River Watershed, brook trout present, priority for IFW, DMR (Salmon), almost 6 miles opened. Downstream, crossing already replaced

Habitat Opened/Improved: upstream habitat- 5.86 miles

Brook trout habitat, ATS CH, ATS DPS, ATS modelled habitat class 1 & 2 25 units

Fish present, source of info: wild brook trout, IFW confirmed, salmon present in watershed

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER: 2021R-41 Starks, Locke Hill Road
DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	14

Evaluation Team Comments:

Requested funding: \$125,000
Total Project Cost: \$198675
Total Match: \$73675
 % Match proposed 37%

Engineering
 To be stamped?: Yes
 Level of plan included: Preliminary Design

Army Corp Permit info: Contact

Costs over previous 10 years: \$25-30k "minimum"
Construction year: 2022

Feasibility for success: reasonable costs, funding-town meeting approval 2022

Design concerns or clarification required: Removal of downstream material may require permitting considerations due to distance downstream and temporary access road impacts. Please check with DEP and Army Corps staff

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-42 Temple, Mitchell Brook Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	18
Section III: Benefits to Fish & Wildlife	50	46
Section IV: Cost Efficiency and Effectiveness	25	12
<u>Total Points</u>	<u>100</u>	<u>76</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-42 Temple, Mitchell Brook Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Temple
Robert Van Riper

Consultant/Agent Info:

St. Germain

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-42 Temple, Mitchell Brook Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	18

Evaluation Team Comments:

Town Name: Temple
Road name: Mitchell Brook Road
Stream Name: Henry Mitchell Brook

Existing Culvert Size & Material: 9'Sx6'Hx41'L, CMP

Crossing Age: unknown years

Bankfull width and method: 14.9. Multiple Field Average

New Structure size & type: 19'Sx9'Hx40'6"L, Open bottom metal arch on concrete footers
Contacted DOT Bridge Program if 10' or greater?: Yes

Estimated time to failure: <1 years

Previous flooding or failure events, documentation, culvert condition, age: This elliptical, closed-bottom culvert is undersized and a short distance from a downstream bridge on Intervale Road. Should the culvert fail in an extreme event it could take out the bridge. The road shoulders adjacent to the crossing wash out every year

Change in culvert width: 2
 aluminum pipe? Joints are coming undone, deformed, embankment erosion, piping

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 5

Detours: 0

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT:0

5 homes cut off

Every year erosion of the road shoulder is repaired at an approximate cost of \$2,500.

multiple homes cut off, likely heavy flow due to steep watershed

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-42 Temple, Mitchell Brook Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	46

Evaluation Team Comments:

Field work: Bankfull width, longitudinal profile
Bankfull width, method, & confidence: 14.9
Bankfull width method: Multiple Field Average
Longitudinal profile of stream beyond culvert influence completed? Yes, TBD

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open Bottom
Banks within structure? Yes
Type of bottom - Pebble Count

New Structure considerations: Bankfull width, longitudinal profile
 Make sure to get IFW wildlife review comments due to northern spring salamander
Additional Comments: field average used, good longitudinal profile included, substrate analysis. Cross section doesn't show banks or footers in relation to elevation, if footers exposed it won't be meeting 1.2xBFW- based on the presence of Special concern salamander make sure almost 16" clear span indicated, is that at stream grade?

Barrier status, source: Barrier
Maine Stream Habitat Viewer ID: 15726

Benefits to Fish & Wildlife: Wild brook trout habitat, ATS CH, ATS DPS, 25.22 units ATS modelled habitat, northern spring salamander habitat, existing ATS rearing habitat 1/4 downstream, largely undeveloped high quality habitats
 Wild brook trout habitat, ATS CH, ATS DPS, 25.22 units ATS modelled habitat, northern spring salamander habitat, existing ATS rearing habitat 1/4 downstream, largely undeveloped high quality habitats

Water quality improvements: MDMR and USFWS have identified this area of the central Sandy River as a priority restoration area. MDMR plants Atlantic salmon within Temple Stream and has had tremendous success with juvenile production in the watershed. USFWS have been monitoring summe

Support letters, other notable benefits: Paul Christman indicated the project is located a ¼ mile from active egg

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-42 Temple, Mitchell Brook Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

planting sites and the downstream Walton's Mill Dam will be removed in 2022. This is a high priority project for MDMR and they fully support the funding request. Refer to attached letter of support. Becca Settele of MDIFW indicated that this project area intersects with Northern Spring Salamander habitat, which is considered a state special concern species. Establishing a stream crossing that follows Stream Smart guidelines will benefit this rare species.

DMR Resource/Habitat Comments: Surveyed ATS habitat immediately downstream;
Tributary to Temple Stream

IFW Resource/Habitat Comments: Sampled 2016, many YOY BKT and two age classes
Sandy River Watershed, brook trout present, priority for IFW, DMR (Salmon), almost 6 miles opened.
Downstream, crossing already replaced, almost 2 miles opened, northern spring salamander habitat-
cold stream habitats. Dam removal DS happening in 2022

Habitat Opened/Improved: upstream habitat- 1.75 miles

Wild brook trout habitat, ATS CH, ATS DPS, 25.22 units ATS modelled habitat, northern spring
salamander habitat, existing ATS rearing habitat 1/4 downstream, largely undeveloped high quality
habitats

Fish present, source of info: Wild brook trout, DS salmon rearing habitat

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER: 2021R-42 Temple, Mitchell Brook Road
DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	12

Evaluation Team Comments:

Requested funding: \$125,000
Total Project Cost: \$170000
Total Match: \$45000
 % Match proposed: 26.4

Engineering

To be stamped?: Yes

Level of plan included: Site Specific Preliminary design

Army Corp Permit info: Contact

Costs over previous 10 years: \$25000, \$2500 per year
Construction year: 2023

Feasibility for success: reasonable costs, planned funding, likely need more erosion control \$

Design concerns or clarification required: Make sure to get IFW wildlife review comments due to northern spring salamander

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-43 Tremont, Dix Point Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16
Section III: Benefits to Fish & Wildlife	50	29
Section IV: Cost Efficiency and Effectiveness	25	12
<u>Total Points</u>	<u>100</u>	<u>57</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-43 Tremont, Dix Point Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of Tremont

Jesse Dunbar

Consultant/Agent Info:

GF Johnston & Assoc

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-43 Tremont, Dix Point Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16

Evaluation Team Comments:

Town Name: Tremont
Road name: Dix Point Road
Stream Name: Tinker Brook

Existing Culvert Size & Material: 6'Dx55'L, CMP

Crossing Age: Unknown years

Bankfull width and method: 6.4. no measurements, MSHV

New Structure size & type: 8'Sx8'Hx55'L, Open Bottom Concrete Box
Contacted DOT Bridge Program if 10' or greater?: n/a

Estimated time to failure: 3-5 years

Previous flooding or failure events, documentation, culvert condition, age: March 21st 2019 storm combined high tide with surge. This elevation reached 4 feet above the highest annual tide in this area. The road is approximately 5 feet above the current HAT line, with storm surge and wave conditions it is reasonable expectation of overtopping in future

Change in culvert width: 1.3
 condition seems reasonable but undersized, road elevation need to be raised for SLR?

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 33 Homes

Detours: no alt route

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT:101; all residences cut off

FEMA Flood maps and Maine Dept. of Ag Slosh Map shows the potential future flood issues for this section of road.high cut offs

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-43 Tremont, Dix Point Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	29

Evaluation Team Comments:

Field work: None

Bankfull width, method, & confidence: 6.4

Bankfull width method: no measurements, MSHV

Longitudinal profile of stream beyond culvert influence completed? No, none intended

1.2 x BFW or Tidal analysis sizing, considerations performed Yes, based on MSHV, need more info

Natural Bottom information: Natural bottom

Banks within structure? Shown in plans but is made of cobbles

Type of bottom - Cobbles

New Structure considerations: None

Must be at least 1.2x Bank full width, with longitudinal profile, sediment analysis. Would be a good project, but the design is really lacking in meeting the goals of the grant program.

Additional Comments: No real data-driven justification for sizing. Crossing should likely be longer, clean round stone may be a fish passage issue, should do a pebble count sediment analysis. Although BFW Sizing doesn't improve much and elevation shown may end up with a drop

\$6000 for engineering; No real justification for sizing, seems to back up water currently, how can we be sure passage will happen here? Basing sizing on tidal flows is a legitimate metric for sizing but it doesn't discount the other aspects of the grant p

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 13898

Benefits to Fish & Wildlife: TWWH, Modelled ATS habitat 1 unit, Rainbow smelt habitat
TWWH, Modelled ATS habitat 1 unit, Rainbow smelt habitat

Water quality improvements: need to know a lot more about the sizing rationale. It may be ok for passage but can't be sure without some additional information

Support letters, other notable benefits: contacted DMR, no input provided, no IFW contact

DMR Resource/Habitat Comments: Google Earth image clearly shows a gravel stream bed above the crossing. MSHV lists as sea-run smelt habitat. Also can see outwash from perched culvert onto delta below crossing.

IFW Resource/Habitat Comments: This is not a brook trout stream. No resources concerns. Mapped as limited rainbow smelt spawning habitat on MSHV, doesn't open much area but will be of high value to smelts that may not go very far upstream. Design doesn't adequately consider habitat and won't make much improvement. Could lead to blocking pass

Habitat Opened/Improved: upstream habitat- 0.32 miles
TWWH, Modelled ATS habitat 1 unit, Rainbow smelt habitat

Fish present, source of info: alewives, sea run smelt, Atl. Salmon habitat-not likely present (per stream viewer)

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-43 Tremont, Dix Point Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	12

Evaluation Team Comments:

Requested funding: \$42500

Total Project Cost: \$85000

Total Match: \$42500

% Match proposed: 50%

Engineering

To be stamped?: Yes

Level of plan included: Conceptual plan/ plan view

Army Corp Permit info: No contact

Costs over previous 10 years: 0

Construction year: 2022

Feasibility for success: not a big ask, but design, sizing concerns. Funding in place.

Design concerns or clarification required: Must be at least 1.2x Bank full width, with longitudinal profile, sediment analysis. Would be a good project, but the design is really lacking in meeting the goals of the grant program in the current design

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-44 York, Parsons Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

SUMMARY PAGE

Department Name: Environmental Protection

Name of RFP Coordinator: John Maclaine

Names of Evaluators: Jon Cullen, David Waddell, James Stahlnecker, John Maclaine

<u>Pass/Fail Criteria</u>	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
<ul style="list-style-type: none"> The proposed structure to be upgraded is located on a municipal road, is not owned by a private or state entity, and is not located on a road segment classified as a "State-Aid" road. 	X	
<ul style="list-style-type: none"> The proposed project includes matching funds from local or other sources. 	X	
<ul style="list-style-type: none"> The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA. 	X	
<u>Scoring Sections</u>	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16
Section III: Benefits to Fish & Wildlife	50	37
Section IV: Cost Efficiency and Effectiveness	25	17
<u>Total Points</u>	<u>100</u>	<u>70</u>

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-44 York, Parsons Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**OVERVIEW OF SECTION I
Applicability**

Section I. Applicability

Evaluation Team Comments:

Project qualifies for scoring under RFP#202106082.

Contact information:

Town of York

Dean Lessard

Consultant/Agent Info:

James Lowry, Fuss & O'Neil

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-44 York, Parsons Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION II
Public Infrastructure Information/Public Safety**

	<u>Points Available</u>	<u>Points Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16

Evaluation Team Comments:

Town Name: York
Road name: Parsons Road
Stream Name: Josias River

Existing Culvert Size & Material: 9'Sx7'Hx60'L; 4'Dx60'L, pipe arch, CMP

Crossing Age: unknown, 15 years

Bankfull width and method: 15.5. Multiple Field Average

New Structure size & type: 20'Sx6'Hx56'L, Open bottom arch
Contacted DOT Bridge Program if 10' or greater?: No, indicated contact upon award

Estimated time to failure: 5-10 years

Previous flooding or failure events, documentation, culvert condition, age: Culvert fully washed-out in 2006 and was reconstructed, no other overtopping/flooding events noted in last 10 years. Crossing is backwatered upstream

Change in culvert width: 2.2222222222
 washed out in 2006, no recent flooding/overtopping

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

Impact

Cut Offs: 0

Detours: 3.1 miles; 50-60 homes, 2 businesses

Affected residents, business, affected critical infrastructure, other safety issues, traffic:

AADT:1101; Greenleaf Parsons Road is a connector to Clay Hill Road and other roads off of Clay Hill Road immediately west of the Maine Turnpike.

The culvert is located approximately 1,600 feet upstream of the crossing at the Maine Turnpike, and a failure at the Greenleaf Parsons Road could potentially cause damage at the turnpike crossing. high traffic volume, potential turnpike influence if washed out, moderate detour

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER: 2021R-44 York, Parsons Road
 DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION III
Benefits to Fish & Wildlife**

	<u>Points Available</u>	<u>Points Awarded</u>
Section III: Benefits to Fish & Wildlife	50	37

Evaluation Team Comments:

Field work: bankfull width, concept plans

Bankfull width, method, & confidence: 15.5

Bankfull width method: Multiple Field Average

Longitudinal profile of stream beyond culvert influence completed? Yes, TBD

1.2 x BFW or Tidal analysis sizing, considerations performed Yes

Natural Bottom information: Yes, Open Bottom

Banks within structure? Yes

Type of bottom - TBD

New Structure considerations: bankfull width, concept plans

Additional Comments: no profile yet but says it will be completed. Good cross section, exceeds 1.2xmeasured BFW, some field work needed, like the inclusion of low flow channel in design \$30,000 in engineering including bidding/permitting

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 55791

Benefits to Fish & Wildlife: Brook trout habitat, Riparian connector; undeveloped habitat blocks, Rare animal threatened species within 1 mile of site

Brook trout habitat, Riparian connector; undeveloped habitat blocks, Rare animal threatened species within 1 mile of site

Water quality improvements: large scour pool, backwater. Replacement of the crossing will result in improved habitat connectivity between the downstream mainstem and a large upstream functional network (5.1 miles).

Support letters, other notable benefits: The Region A Fisheries Biologist was contacted and indicated support for the improved aquatic connectivity to benefit wild and stocked brook trout.

DMR Resource/Habitat Comments: no known nearby resources; above culverts on 95

IFW Resource/Habitat Comments: Wild BKT, stocked BKT, longnose dace

brook trout present and stocked, corrects habitat issues, many other barriers in the stream including Rte 95-unsure of passage

Habitat Opened/Improved: upstream habitat- 5.1 miles

Brook trout habitat, Riparian connector; undeveloped habitat blocks, Rare animal threatened species within 1 mile of site

Fish present, source of info: Brook trout, American eels

**STATE OF MAINE
TEAM CONSENSUS EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2021R-44 York, Parsons Road

DATE: 11/16/22, 1/4/22, 1/5/22, 1/6/22, 1/7/22, 1/28/22

**EVALUATION OF SECTION IV
Cost Efficiency and Effectiveness**

	<u>Points Available</u>	<u>Points Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	17

Evaluation Team Comments:

Requested funding: \$125,000

Total Project Cost: \$330000

Total Match: \$205000

% Match proposed: 62.1

Engineering

To be stamped?: Yes

Level of plan included: Conceptual plan/ plan view & cross section

Army Corp Permit info: Contact

Costs over previous 10 years: \$39,769 was spent to repair the road and culverts after the Mother's Day Storm of 2006. none spend since repairs

Construction year: 2022

Feasibility for success: reasonable costs for project size, funds not yet committed

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-01- Alna, Egypt Road
DATE: 12/6/21, 12/7/21
EVALUATOR NAME: John Maclaine
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Alna
Road name	Egypt Road
Stream Name	Ben Brook
Existing Culvert Size & Material	10'Rx55'L CMP
Crossing Age	26
Bankfull width and method	21.3; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	26'Sx16'Hx28'L Bridge DOT: Yes, design reviewed

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	No overtopping, crossing undersized-high velocities. MDOT inspected the downstream headwall and determined it to be deficient and in need of repair.
Change in culvert width	Approx. 2.6 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	every year or two
Cut-offs or detours	Cut Offs: 0 Detours: 10.7 miles -25 Residences, 1 Business
Affected residents, business, affected critical infrastructure, other safety issues, traffic	1000-acre Hidden Valley Nature Center In 2013, and again in 2021, the Town of Alna received a "bad bridge letter" from the MDOT

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-01- Alna, Egypt Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes Stream Smart Longitudinal profile survey
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 3747
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	High priority habitat area, support from Sean Ledwin (DMR), Jason Seiders (IFW)
Habitat Opened/Improved	7.68 miles ATS CH, ATS DPS, 77.4 Units ATS Class 1 & 3 modelled habitat
Fish present, source of info	sampling data, which indicate the presence of Atlantic salmon, and American eels as well as the following minnow species during 2006 and 1999 surveys: white sucker, black nosed dais, creek chub, and common shiner

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$570000 Requested: \$125000 Match: \$445000, 78.07%,
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$60,000.00

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-01- Alna, Egypt Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Construction year	2022, 6 weeks
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$105k in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-01- Alna, Egypt Road
DATE: 12/10/21
EVALUATOR NAME: Jim Stahlnecker
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Alna
Road name	Egypt Road
Stream Name	Ben Brook
Existing Culvert Size & Material	10'Rx55'L CMP
Crossing Age	26
Bankfull width and method	21.3; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	26'Sx16'Hx28'L Bridge DOT: Yes, design reviewed

Estimated time to failure	1-3 ? <i>Thinking longer lived, does not look that bad. 5-10 years?</i>
Previous flooding or failure events, documentation, culvert condition, age	No overtopping, crossing undersized-high velocities. MDOT inspected the downstream headwall and determined it to be deficient and in need of repair.
Change in culvert width	Approx. 2.6 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	every year or two
Cut-offs or detours	Cut Offs: 0 Detours: 10.7 miles -25 Residences, 1 Business <i>Few trips per day.</i>
Affected residents, business, affected critical infrastructure, other safety issues, traffic	1000-acre Hidden Valley Nature Center In 2013, and again in 2021, the Town of Alna received a "bad bridge letter" from the MDOT

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-01- Alna, Egypt Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes Stream Smart Longitudinal profile survey
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier <i>Looks impassible especially at lower flow due to drop at DS end, opens large stretch of salmon habitat with corrected passage.</i> Maine Stream Habitat Viewer ID: 3747
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	High priority habitat area, support from Sean Ledwin (DMR), Jason Seiders (IFW) <i>IF&W, DMR, TOC support and ATS watershed. Open bottom will help with fish passage with proposed rock weirs to facilitate passage through 6+% slope.</i>
Habitat Opened/Improved	7.68 miles <i>Good amount of ATS habitat.</i> ATS CH, ATS DPS, 77.4 Units ATS Class 1 & 3 modelled habitat
Fish present, source of info	sampling data, which indicate the presence of Atlantic salmon, and American eels as well as the following minnow species during 2006 and 1999 surveys: white sucker, black nosed dace, creek chub, and common shiner <i>Most likely BKT benefit as well, though not noted. DMR indicates "surveyed ATS spawning and rearing habitat immediately downstream." Score 5.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$570000 Requested: \$125000 Match: \$445000, 78.07%,
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-01- Alna, Egypt Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$60,000.00
Construction year	2022, 6 weeks
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$105k in engineering
Other comments	<i>Past engineering included, assumed? Average feasibility?</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER NAME: 2021R-01- Alna, Egypt Road
 DATE: 12/30/2021
 EVALUATOR NAME: Jonathan Cullen
 EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:
I. Public Infrastructure Information/Public Safety

Town Name	Alna
Road name	Egypt Road
Stream Name	Ben Brook
Existing Culvert Size & Material	10'Rx55'L CMP
Crossing Age	26
Bankfull width and method	21.3; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	26'Sx16'Hx28'L Bridge DOT: Yes, design reviewed

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	No overtopping, crossing undersized-high velocities. MDOT inspected the downstream headwall and determined it to be deficient and in need of repair.
Change in culvert width	Approx. 2.6 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	every year or two
Cut-offs or detours	Cut Offs: 0 Detours: 10.7 miles -25 Residences, 1 Business
Affected residents, business, affected critical infrastructure, other safety issues, traffic	1000-acre Hidden Valley Nature Center In 2013, and again in 2021, the Town of Alna received a "bad bridge letter" from the MDOT

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-01- Alna, Egypt Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes Stream Smart Longitudinal profile survey
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 3747
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	High priority habitat area, support from Sean Ledwin (DMR), Jason Seiders (IFW)
Habitat Opened/Improved	7.68 miles ATS CH, ATS DPS, 77.4 Units ATS Class 1 & 3 modelled habitat
Fish present, source of info	sampling data, which indicate the presence of Atlantic salmon, and American eels as well as the following minnow species during 2006 and 1999 surveys: white sucker, black nosed dace, creek chub, and common shiner

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$570000 Requested: \$125000 Match: \$445000, 78.07%,
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$60,000.00

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-01- Alna, Egypt Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Construction year	2022, 6 weeks
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$105k in engineering;
Other comments	Rock weirs in addition to the bridge construction. Downstream photo shows what appears to be an older steel pipe that was slip-lined with a corrugated metal pipe; making fish passage even more unlikely. Well done application. If the ledge drop extended across the entire historic streambed was this passable to begin with?

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER NAME: 2021R-01- Alna, Egypt Road
 DATE: 1/3/2022
 EVALUATOR NAME: David A. Waddell
 EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Alna
Road name	Egypt Road
Stream Name	Ben Brook
Existing Culvert Size & Material	10'Rx55'L CMP
Crossing Age	26, somewhat new....
Bankfull width and method	21.3; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	26'Sx16'Hx28'L Bridge DOT: Yes, design reviewed

Estimated time to failure	1-3,
Previous flooding or failure events, documentation, culvert condition, age	No overtopping, crossing undersized-high velocities. MDOT inspected the downstream headwall and determined it to be deficient and in need of repair.
Change in culvert width	Approx. 2.6 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	every year or two
Cut-offs or detours	Cut Offs: 0 Detours: 10.7 miles -25 Residences, 1 Business
Affected residents, business, affected critical infrastructure, other safety issues, traffic	1000-acre Hidden Valley Nature Center In 2013, and again in 2021, the Town of Alna received a "bad bridge letter" from the MDOT

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-01- Alna, Egypt Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes Stream Smart Longitudinal profile survey 😊
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? – Yes 😊
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 3747
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	High priority habitat area, support from Sean Ledwin (DMR), Jason Seiders (IFW) 😊
Habitat Opened/Improved	7.68 miles 😊 ATS CH, ATS DPS, 77.4 Units ATS Class 1 & 3 modelled habitat
Fish present, source of info	sampling data, which indicate the presence of Atlantic salmon, and American eels as well as the following minnow species during 2006 and 1999 surveys: white sucker, black nosed dais, creek chub, and common shiner

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$570000 Requested: \$125000 Match: \$445000, 78.07%, Town 210,000, Applied for grants for remainder...
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$60,000.00

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-01- Alna, Egypt Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Construction year	2022, 6 weeks
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$105k in engineering, seems high Include two companies.
Other comments	E+S seems low for project.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-02- Bangor, Essex Street
DATE: 12/6/21, 12/7/21
EVALUATOR NAME: John Maclaine
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Bangor
Road name	Essex Street
Stream Name	Unnamed tributary to Penjajawoc Stream
Existing Culvert Size & Material	5.5'Wx3.5xHx27'L OB-concrete, stone
Crossing Age	65+
Bankfull width and method	6.63 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	10'Sx5'H x 56'L 4 Sided Concrete Box DOT: No

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Yes, flooding due to "snow curb" during melt, incorporates drainage improvements. Dry stack stones failing
Change in culvert width	Approx. 1.81 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 6.25 miles, 70 homes, 1 business
Affected residents, business, affected critical infrastructure, other safety issues, traffic	travel to/from Orono disrupted flooding damage, photos - narrow roadway, high crash location, fatal accident in 2019

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-02- Bangor, Essex Street

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, not yet completed Topo survey, conceptual design
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - MDOT Type D Gravel Banks? - Yes
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 1094
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No contact with fisheries agencies
Habitat Opened/Improved	0 miles ATC CH, 21.13 ATS Modelled habitat rearing units
Fish present, source of info	none listed, impaired

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$250000 Requested: \$125000 Match: \$125000, 50%,
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	No Contact
Costs over previous 10 years	\$300 for riprap
Construction year	2023

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-02- Bangor, Essex Street

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10,000 in engineering-city staff
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-02- Bangor, Essex Street

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Bangor
Road name	Essex Street
Stream Name	Unnamed tributary to Penjajawoc Stream
Existing Culvert Size & Material	5.5'Wx3.5xHx27'L OB-concrete, stone
Crossing Age	65+
Bankfull width and method	6.63 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	10'Sx5'H x 56'L 4 Sided Concrete Box DOT: No

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Yes, flooding due to "snow curb" during melt, incorporates drainage improvements. Dry stack stones failing
Change in culvert width	Approx. 1.81 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 6.25 miles, 70 homes, 1 business <i>Many homes, high traffic count.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-02- Bangor, Essex Street

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	travel to/from Orono disrupted flooding damage, photos - narrow roadway, high crash location, fatal accident in 2019 <i>High speed street, high traffic.</i>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, not yet completed Topo survey, conceptual design
1.2 x BFW or Tidal analysis sizing, considerations performed	<i>Yes Good confidence in this width assessment. Slope has not been completed yet, so questions about installation? D Gravel streambed, not as good as matched material. No substrate assessment.</i>
Natural Bottom information; Banks within structure?	Type of bottom - MDOT Type D Gravel <i>Not as natural.</i> Banks? - Yes
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 1094
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No contact with fisheries agencies <i>Water quality benefits expected but low/no fisheries benefit.</i>
Habitat Opened/Improved	0 miles ATC CH, 21.13 ATS Modelled habitat rearing units
Fish present, source of info	none listed, impaired <i>WQ impacts but nothing for fisheries. DMR indicates "modeled ATS rearing habitat; above Penjajawoc Marsh."</i> Score 4.

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$250000 Requested: \$125000 Match: \$125000, 50%,
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	No Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-02- Bangor, Essex Street

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$300 for riprap
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10,000 in engineering-city staff
Other comments	<i>Cost estimates via "city engineering dept." Other costs in addition, additive. Fairly loose estimate. Money is in place, despite lack of cost detail.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-02- Bangor, Essex Street
DATE: December 30, 2021
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Bangor
Road name	Essex Street
Stream Name	Unnamed tributary to Penjajawoc Stream
Existing Culvert Size & Material	5.5'Wx3.5xHx27'L OB-concrete, stone
Crossing Age	65+
Bankfull width and method	6.63 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	10'Sx5'H x 56'L 4 Sided Concrete Box DOT: No

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Yes, flooding due to "snow curb" during melt, incorporates drainage improvements. Dry stack stones failing
Change in culvert width	Approx. 1.81 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 6.25 miles, 70 homes, 1 business
Affected residents, business, affected critical infrastructure, other safety issues, traffic	travel to/from Orono disrupted flooding damage, photos - narrow roadway, high crash location, fatal accident in 2019

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-02- Bangor, Essex Street

DATE: December 30, 2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, not yet completed Topo survey, conceptual design
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - MDOT Type D Gravel Banks? - Yes
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 1094
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No contact with fisheries agencies
Habitat Opened/Improved	0 miles ATC CH, 21.13 ATS Modelled habitat rearing units
Fish present, source of info	none listed, impaired

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$250000 Requested: \$125000 Match: \$125000, 50%,
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	No Contact
Costs over previous 10 years	\$300 for riprap
Construction year	2023

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-02- Bangor, Essex Street

DATE: December 30, 2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10,000 in engineering-city staff
Other comments	Not a fish passage problem. Perhaps a water quality benefit? Quite a bit of design work left to complete. 4-sided box;

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-02- Bangor, Essex Street

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Bangor
Road name	Essex Street
Stream Name	Unnamed tributary to Penjajawoc Stream
Existing Culvert Size & Material	5.5'Wx3.5xHx27'L OB-concrete, stone
Crossing Age	65+
Bankfull width and method	6.63 ; Multiple Field Average, Small Stream
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	10'Sx5'H x 56'L 4 Sided Concrete Box DOT: No 😊

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Yes, flooding due to "snow curb" during melt, incorporates drainage improvements. Dry stack stones failing (so really NO)
Change in culvert width	Approx. 1.81 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 6.25 miles, 70 homes, 1 business
Affected residents, business, affected critical infrastructure, other safety issues, traffic	travel to/from Orono disrupted flooding damage, photos - narrow roadway, high crash location, fatal accident in 2019

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-02- Bangor, Essex Street

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, not yet completed Topo survey, conceptual design (More information would help)
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - MDOT Type D Gravel Banks? - Yes
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 1094 😞
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No contact with fisheries agencies 😞
Habitat Opened/Improved	0 miles ATC CH, 21.13 ATS Modelled habitat rearing units
Fish present, source of info	none listed, impaired (no fish)

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$250000 Requested: \$125000 Match: \$125000, 0.5,
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	No Contact
Costs over previous 10 years	\$300 for riprap
Construction year	2023

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-02- Bangor, Essex Street

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10,000 in engineering-city staff
Other comments	Not a high priority stream, poor habitate, not really flooding, town funded, not a barrier

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-03- Biddeford, Landry Street

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Biddeford
Road name	Landry Street
Stream Name	Richardson Brook
Existing Culvert Size & Material	~3'Wx2'Hx70'L CMP
Crossing Age	25+
Bankfull width and method	4.38 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	6'Sx6'Hx70'L Open Bottom Concrete Box DOT: No

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No flooding or damage reported, undersized
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 1 Mile; 10 Homes, 14 Businesses, 3 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	culvert is located approximately 0.5 miles from the City's public works facility, approximately 1,000 feet from the Regional Airport and approximately 1 mile from the public schools

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-03- Biddeford, Landry Street

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

	DOT paving moratorium after work planned in 2 years
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, not yet completed existing conditions and plan view sketch
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Natural Stream Bed Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 10137
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW ER - general recommendations
Habitat Opened/Improved	.09 miles ATS Modelled Habitat listed, but not present (-1.00)
Fish present, source of info	none listed, impaired

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$161000 Requested: \$125000 Match: \$36000, 22.3%
Engineering	To be stamped?: Yes Level of plan included: Plan View Sketch
Army Corp Permit info	No Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-03- Biddeford, Landry Street

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$7,500.00
Construction year	2022, 4 weeks
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$12000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-03- Biddeford, Landry Street

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Biddeford
Road name	Landry Street
Stream Name	Richardson Brook
Existing Culvert Size & Material	~3'Wx2'Hx70'L CMP
Crossing Age	25+
Bankfull width and method	4.38 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	6'Sx6'Hx70'L Open Bottom Concrete Box DOT: No

Estimated time to failure	3-5 <i>Perhaps longer, looks fairly stable?</i>
Previous flooding or failure events, documentation, culvert condition, age	No flooding or damage reported, undersized <i>Not particularly high risk or damage?</i>
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No <i>Not a big issue?</i>
Cut-offs or detours	Cut Offs: 0 Detours: 1 Mile; 10 Homes, 14 Businesses, 3 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	culvert is located approximately 0.5 miles from the City's public works facility, approximately 1,000 feet from the Regional Airport and approximately 1 mile from the public schools <i>Three important sites</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-03- Biddeford, Landry Street

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

	<p><i>nearby but short detour and few homes, some businesses, high traffic (3k).</i></p> <p>DOT paving moratorium after work planned in 2 years</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, not yet completed existing conditions and plan view sketch
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Natural Stream Bed Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 10137
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW ER - general recommendations
Habitat Opened/Improved	.09 miles ATS Modelled Habitat listed, but not present (-1.00)
Fish present, source of info	none listed, impaired <i>This is a WQ project from a habitat perspective, very short stretch opened and fisheries not specified except modelled ATS habitat. Could have fish, no data. No comment from DMR. Score 0.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$161000 Requested: \$125000 Match: \$36000, 22.3%
Engineering	To be stamped?: Yes Level of plan included: Plan View Sketch, <i>no profile yet but plan to do SS profile. Multiple field average width, larger size than required.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-03- Biddeford, Landry Street

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	No Contact
Costs over previous 10 years	\$7,500.00
Construction year	2022, 4 weeks
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$12000 in engineering
Other comments	<i>Fairly modest overall cost project, reasonable engineering cost, money in place and so likely to proceed.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-03- Biddeford, Landry Street
DATE: 12/30/2021
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Biddeford
Road name	Landry Street
Stream Name	Richardson Brook
Existing Culvert Size & Material	~3'Wx2'Hx70'L CMP
Crossing Age	25+
Bankfull width and method	4.38 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	6'Sx6'Hx70'L Open Bottom Concrete Box DOT: No

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No flooding or damage reported, undersized
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 1 Mile; 10 Homes, 14 Businesses, 3 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	culvert is located approximately 0.5 miles from the City's public works facility, approximately 1,000 feet from the Regional Airport and approximately 1 mile from the public schools

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-03- Biddeford, Landry Street

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

	DOT paving moratorium after work planned in 2 years
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, not yet completed existing conditions and plan view sketch
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Natural Stream Bed Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 10137
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW ER - general recommendations
Habitat Opened/Improved	.09 miles ATS Modelled Habitat listed, but not present (-1.00)
Fish present, source of info	none listed, impaired

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$161000 Requested: \$125000 Match: \$36000, 22.3%
Engineering	To be stamped?: Yes Level of plan included: Plan View Sketch
Army Corp Permit info	No Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-03- Biddeford, Landry Street

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$7,500.00
Construction year	2022, 4 weeks
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$12000 in engineering
Other comments	“The stream is not in a Maine environment”. Probably meant to say it isn’t in a Marine environment. It’s a barrier but there are no fish. Letter from IFW ?

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-03- Biddeford, Landry Street

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Biddeford
Road name	Landry Street
Stream Name	Richardson Brook
Existing Culvert Size & Material	~3'Wx2'Hx70'L CMP
Crossing Age	25+
Bankfull width and method	4.38 ; Multiple Field Average, Small Stream
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	6'Sx6'Hx70'L Open Bottom Concrete Box DOT: No

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No flooding or damage reported, undersized
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 1 Mile; 10 Homes, 14 Businesses, 3 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	culvert is located approximately 0.5 miles from the City's public works facility, approximately 1,000 feet from the Regional Airport and approximately 1 mile from the public schools

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-03- Biddeford, Landry Street

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

	DOT paving moratorium after work planned in 2 years
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, not yet completed existing conditions and plan view sketch
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Natural Stream Bed Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 10137
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW ER - general recommendations
Habitat Opened/Improved	.09 miles ATS Modelled Habitat listed, but not present (-1.00)
Fish present, source of info	none listed, impaired

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$161000 Requested: \$125000 Match: \$36000, 22.3% Low match
Engineering	To be stamped?: Yes Level of plan included: Plan View Sketch
Army Corp Permit info	No Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-03- Biddeford, Landry Street

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$7,500.00
Construction year	2022, 4 weeks
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$12000 in engineering
Other comments	319 Projects on Richardson and Thatcher, No longitudinal information, Small match, no brook trout

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-04- Bradford, Lagrange Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Bradford
Road name	Lagrange Road
Stream Name	Middle Branch Dead Stream
Existing Culvert Size & Material	16'Wx7.5'Hx27'L OB Concrete Box Bridge?
Crossing Age	84
Bankfull width and method	23.6; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	29'Sx7'Hx28'L Bridge DOT: Yes, design reviewed

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No Flooding or damage reported, The wing walls have been repaired 2 times. The water rises up over the banks but not over the crossing
Change in culvert width	Approx. 1.8125 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 8.8 miles; 53 Homes, 1 business, 1 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	The Fire Dept would have to detour for a little over 6 miles for structure fires, school bus detours Summary of 2018 MDOT inspection report: "...concrete slab

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-04- Bradford, Lagrange Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

	is in serious condition...with exposed and corroded main reinforcing...there is widespread map cracking at the bottom of the deck...Abutment walls are in poor condition...east abutment and wingwall footings are exposed for the entire length...monolithic wingwalls are in poor condition. All wingwalls have heavy spalling and delamination."
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes 90%+ plans, survey, longitudinal profile
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 1644
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW/DMR - DMR:possibility of a stray adult and possible juveniles if the conditions allow for survival; that would be if the habitat was "riffle/run and the thermal conditions were favorable". IFW-1.2 for improvement to BKT Habitat
Habitat Opened/Improved	0 miles ATS Class 2 Modelled habitat 15.54 units; Brook Trout Habitat
Fish present, source of info	Brook trout, per IFW

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$286500 Requested: \$125000 Match: \$161500, 56.3%,
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-04- Bradford, Lagrange Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ Plans
Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022, 1 month
Feasibility for success; Additional efficiencies; Design concerns or clarification required	not intending to turn over to DOT; Cost savings in design over similar structures
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-04- Bradford, Lagrange Road
DATE: 12/10/21
EVALUATOR NAME: Jim Stahlnecker
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Bradford
Road name	Lagrange Road
Stream Name	Middle Branch Dead Stream
Existing Culvert Size & Material	16'Wx7.5'Hx27'L OB Concrete Box
Crossing Age	84
Bankfull width and method	23.6; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	29'Sx7'Hx28'L Bridge DOT: Yes, design reviewed

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No Flooding or damage reported, The wing walls have been repaired 2 times. The water rises up over the banks but not over the crossing
Change in culvert width	Approx. 1.8125 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 8.8 miles; 53 Homes, 1 business, 1 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	The Fire Dept would have to detour for a little over 6 miles for structure fires, school bus detours Summary of 2018 MDOT inspection report: "...concrete slab

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-04- Bradford, Lagrange Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

	is in serious condition...with exposed and corroded main reinforcing...there is widespread map cracking at the bottom of the deck...Abutment walls are in poor condition...east abutment and wingwall footings are exposed for the entire length...monolithic wingwalls are in poor condition. All wingwalls have heavy spalling and delamination."
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes 90%+ plans, survey, longitudinal profile
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 1644
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW/DMR - DMR:possibility of a stray adult and possible juveniles if the conditions allow for survival; that would be if the habitat was "riffle/run and the thermal conditions were favorable". IFW-1.2 for improvement to BKT Habitat
Habitat Opened/Improved	0 miles ATS Class 2 Modelled habitat 15.54 units; Brook Trout Habitat
Fish present, source of info	<i>Brook trout, per IFW. DMR indicates "modeled ATS rearing habitat; tributary to Pushaw Stream." Score 4.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$286500 Requested: \$125000 Match: \$161500, 56.3%,
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ Plans

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-04- Bradford, Lagrange Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022, 1 month
Feasibility for success; Additional efficiencies; Design concerns or clarification required	not intending to turn over to DOT; Cost savings in design over similar structures
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-04- Bradford, Lagrange Road
DATE: 12/30/2021
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Bradford
Road name	Lagrange Road
Stream Name	Middle Branch Dead Stream
Existing Culvert Size & Material	16'Wx7.5'Hx27'L OB Concrete Box
Crossing Age	84
Bankfull width and method	23.6; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	29'Sx7'Hx28'L Bridge DOT: Yes, design reviewed

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No Flooding or damage reported, The wing walls have been repaired 2 times. The water rises up over the banks but not over the crossing
Change in culvert width	Approx. 1.8125 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 8.8 miles; 53 Homes, 1 business, 1 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	The Fire Dept would have to detour for a little over 6 miles for structure fires, school bus detours Summary of 2018 MDOT inspection report: "...concrete slab

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-04- Bradford, Lagrange Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

	is in serious condition...with exposed and corroded main reinforcing...there is widespread map cracking at the bottom of the deck...Abutment walls are in poor condition...east abutment and wingwall footings are exposed for the entire length...monolithic wingwalls are in poor condition. All wingwalls have heavy spalling and delamination."
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes 90%+ plans, survey, longitudinal profile
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 1644
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW/DMR - DMR:possibility of a stray adult and possible juveniles if the conditions allow for survival; that would be if the habitat was "riffle/run and the thermal conditions were favorable". IFW-1.2 for improvement to BKT Habitat
Habitat Opened/Improved	0 miles ATS Class 2 Modelled habitat 15.54 units; Brook Trout Habitat
Fish present, source of info	Brook trout, per IFW

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$286500 Requested: \$125000 Match: \$161500, 56.3%,
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-04- Bradford, Lagrange Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ Plans
Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022, 1 month
Feasibility for success; Additional efficiencies; Design concerns or clarification required	not intending to turn over to DOT; Cost savings in design over similar structures
Other comments	Existing structure is a bridge not a culvert

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-04- Bradford, Lagrange Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Bradford (Not reviewed)
Road name	Lagrange Road
Stream Name	Middle Branch Dead Stream
Existing Culvert Size & Material	16'Wx7.5'Hx27'L OB Concrete Box
Crossing Age	84
Bankfull width and method	23.6; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	29'Sx7'Hx28'L Bridge DOT: Yes, design reviewed

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No Flooding or damage reported, The wing walls have been repaired 2 times. The water rises up over the banks but not over the crossing
Change in culvert width	Approx. 1.8125 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 8.8 miles; 53 Homes, 1 business, 1 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	The Fire Dept would have to detour for a little over 6 miles for structure fires, school bus detours Summary of 2018 MDOT inspection report: "...concrete slab

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-04- Bradford, Lagrange Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

	is in serious condition...with exposed and corroded main reinforcing...there is widespread map cracking at the bottom of the deck...Abutment walls are in poor condition...east abutment and wingwall footings are exposed for the entire length...monolithic wingwalls are in poor condition. All wingwalls have heavy spalling and delamination."
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes 90%+ plans, survey, longitudinal profile
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 1644
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW/DMR - DMR:possibility of a stray adult and possible juveniles if the conditions allow for survival; that would be if the habitat was "riffle/run and the thermal conditions were favorable". IFW-1.2 for improvement to BKT Habitat
Habitat Opened/Improved	0 miles ATS Class 2 Modelled habitat 15.54 units; Brook Trout Habitat
Fish present, source of info	Brook trout, per IFW

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$286500 Requested: \$125000 Match: \$161500, 56.3%,
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-04- Bradford, Lagrange Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ Plans
Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022, 1 month
Feasibility for success; Additional efficiencies; Design concerns or clarification required	not intending to turn over to DOT; Cost savings in design over similar structures
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-05- Bridgton, Wildwood Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Bridgton
Road name	Wildwood Road
Stream Name	Sucker Brook
Existing Culvert Size & Material	5'Rx25'L RCP
Crossing Age	60
Bankfull width and method	12.17 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15'Sx5'Hx25'L 4 Sided Concrete Box DOT:

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Flooded 2x in last 10 years, requires regular cleaning. Damage documented
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes?
Regularly obstruction or maintenance required	every few months in summer during ehavy rain events
Cut-offs or detours	Cut Offs: 8 Homes, 1 business, 1 critical infratructure Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	no alternate route exists, affects Camp Wildwood, Wastewater treatment plant

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-05- Bridgton, Wildwood Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes None
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - ?
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8571
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	information pending from agencies at time of application
Habitat Opened/Improved	2.14 miles Wild Brook Trout Habitat
Fish present, source of info	Brook trout, per MSHV

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$231264 Requested: \$125000 Match: \$106264, 45.9%
Engineering	To be stamped?: Yes Level of plan included: None
Army Corp Permit info	Contact
Costs over previous 10 years	none reported
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-05- Bridgton, Wildwood Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	no plans or sketch included, performance criteria not completed
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-05- Bridgton, Wildwood Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Bridgton
Road name	Wildwood Road
Stream Name	Sucker Brook
Existing Culvert Size & Material	5'Rx25'L RCP
Crossing Age	60
Bankfull width and method	12.17 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15'Sx5'Hx25'L 4 Sided Concrete Box DOT:

Estimated time to failure	1-3 <i>Has it gotten worse recently, as appears better in photos?</i>
Previous flooding or failure events, documentation, culvert condition, age	Flooded 2x in last 10 years, requires regular cleaning. Damage documented <i>Documented flooding.</i>
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes?
Regularly obstruction or maintenance required	every few months in summer during heavy rain events <i>Due to debris and so requires cleaning?</i>
Cut-offs or detours	Cut Offs: 8 Homes, 1 business, 1 critical infrastructure Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	no alternate route exists, affects Camp Wildwood, Wastewater treatment plant <i>Stuck with cutoff possibility.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-05- Bridgton, Wildwood Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes None
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes <i>No 1.2 analysis,</i>
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count <i>proposed count, not performed yet.</i> Banks? - ? <i>Did not answer question? Solid bottom makes banks tough to construct.</i>
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8571
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	information pending from agencies at time of application
Habitat Opened/Improved	2.14 miles Wild Brook Trout Habitat <i>MSHViewer does not list BKT presence, rather warm temps, perched culvert and so opened a potential barrier.</i>
Fish present, source of info	Brook trout, per MSHV. <i>DMR no comment. Score 0.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$231264 Requested: \$125000 Match: \$106,264, 45.9%
Engineering	To be stamped?: Yes Level of plan included: None
Army Corp Permit info	Contact
Costs over previous 10 years	none reported
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-05- Bridgton, Wildwood Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	no plans or sketch included, performance criteria not completed <i>Makes assessment difficult with closed bottom and little info provided.</i>
Other comments	<i>Higher engineering cost, fairly detailed itemized budget, however no engineering plans at present, funding from in house, substantial 46% match. Total costs appear to exceed total stated.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-05- Bridgton, Wildwood Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Bridgton
Road name	Wildwood Road
Stream Name	Sucker Brook
Existing Culvert Size & Material	5'Rx25'L RCP
Crossing Age	60
Bankfull width and method	12.17 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15'Sx5'Hx25'L 4 Sided Concrete Box DOT:

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Flooded 2x in last 10 years, requires regular cleaning. Damage documented
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes?
Regularly obstruction or maintenance required	every few months in summer during ehavy rain events
Cut-offs or detours	Cut Offs: 8 Homes, 1 business, 1 critical infratructure Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	no alternate route exists, affects Camp Wildwood, Wastewater treatment plant

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-05- Bridgton, Wildwood Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes None
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - ?
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8571
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	information pending from agencies at time of application
Habitat Opened/Improved	2.14 miles Wild Brook Trout Habitat
Fish present, source of info	Brook trout, per MSHV

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$231264 Requested: \$125000 Match: \$106264, 45.9%
Engineering	To be stamped?: Yes Level of plan included: None
Army Corp Permit info	Contact
Costs over previous 10 years	none reported
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-05- Bridgton, Wildwood Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	no plans or sketch included, performance criteria not completed; closed bottom box?
Other comments	Propose to use material excavated from stream for streambed construction? Closed bottom box. Not sure how much of a barrier that pipe really is. Warm water; no salmonids.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-05- Bridgton, Wildwood Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Bridgton
Road name	Wildwood Road
Stream Name	Sucker Brook
Existing Culvert Size & Material	5'Rx25'L RCP
Crossing Age	60
Bankfull width and method	12.17 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15'Sx5'Hx25'L 4 Sided Concrete Box 😞 DOT:

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Flooded 2x in last 10 years, requires regular cleaning. Damage documented
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes?
Regularly obstruction or maintenance required	every few months in summer during ehavy rain events
Cut-offs or detours	Cut Offs: 8 Homes, 1 business, 1 critical infratructure Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	no alternate route exists, affects Camp Wildwood, Wastewater treatment plant

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-05- Bridgton, Wildwood Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average measured values different from modeled Longitudinal profile of stream beyond culvert influence completed? : Yes None
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - ? Unknown
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8571
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	information pending from agencies at time of application
Habitat Opened/Improved	2.14 miles Wild Brook Trout Habitat
Fish present, source of info	Brook trout, per MSHV

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$231264 Requested: \$125000 Match: \$106264, 45.9%
Engineering	To be stamped?: Yes Level of plan included: None
Army Corp Permit info	Contact
Costs over previous 10 years	none reported
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-05- Bridgton, Wildwood Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	no plans or sketch included, performance criteria not completed
Other comments	High engineering costs, 2 or more miles of habitat opened.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Brooklin
Road name	Hale's Hill Road
Stream Name	Meadow Brook
Existing Culvert Size & Material	8.5'Wx5'Hx20'L Bridge? Stone/Concrete box?
Crossing Age	50+
Bankfull width and method	11.1 ; Field average upstream only; used higher calculated value of 12' (Stream Stats)
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15'Sx5'Hx28'L Open Bottom Concrete Box DOT: No

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	No flooding or damage noted, undersized;The High Tide Elevation extends through the crossing to a point approximately 150' south of the crossing
Change in culvert width	Approx. 1.76 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 5.7 miles; no # affected Detours: ? Unknown, delays between towns, increased traffic during Blue Hill Falls Bridge work planned

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	affects Fire assistance/mutual aid roadway with only 20 ft, narrow for 2 vehicles. Height less than mapped FEMA 100 year flood elevation
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Field average upstream only; used higher calculated value of 12' (Stream Stats) Longitudinal profile of stream beyond culvert influence completed? : Yes Field BFW, longitudinal profile not included?
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - not listed Banks? - Yes
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 50651
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no fisheries concerns with project, full support from Greg Burr (IFW)
Habitat Opened/Improved	0 miles Wild Brook Trout Habitat, TWWH, Tidal marsh
Fish present, source of info	Brook trout per BWH

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$181050 Requested: \$100000 Match: \$81050, 44.7%
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	none reported
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	tidal below crossing
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Brooklin
Road name	Hale's Hill Road
Stream Name	Meadow Brook
Existing Culvert Size & Material	8.5'Wx5'Hx20'L Bridge? Stone/Concrete box?
Crossing Age	50+
Bankfull width and method	11.1 ; Field average upstream only; used higher calculated value of 12' (Stream Stats)
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15'Sx5'Hx28'L Open Bottom Concrete Box DOT: No

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	No flooding or damage noted, undersized;The High Tide Elevation extends through the crossing to a point approximately 150' south of the crossing
Change in culvert width	Approx. 1.76 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 5.7 miles; no # affected Detours: ? Unknown, delays between towns, increased traffic during Blue Hill Falls Bridge work planned

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	affects Fire assistance/mutual aid roadway with only 20 ft, narrow for 2 vehicles. Height less than mapped FEMA 100 year flood elevation
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Field average upstream only; used higher calculated value of 12' (Stream Stats) Longitudinal profile of stream beyond culvert influence completed? : Yes Field BFW, longitudinal profile not included?
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - not listed Banks? - Yes
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 50651
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no fisheries concerns with project, full support from Greg Burr (IFW)
Habitat Opened/Improved	0 miles Wild Brook Trout Habitat, TWWH, Tidal marsh
Fish present, source of info	Brook trout per BWH. <i>DMR indicates "smelt habitat." Score 4.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$181050 Requested: \$100000 Match: \$81050, 44.7%
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	none reported
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	tidal below crossing
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Brooklin
Road name	Hale's Hill Road
Stream Name	Meadow Brook
Existing Culvert Size & Material	8.5'Wx5'Hx20'L Bridge? Stone/Concrete box?
Crossing Age	50+
Bankfull width and method	11.1 ; Field average upstream only; used higher calculated value of 12' (Stream Stats)
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15'Sx5'Hx28'L Open Bottom Concrete Box DOT: No

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	No flooding or damage noted, undersized;The High Tide Elevation extends through the crossing to a point approximately 150' south of the crossing
Change in culvert width	Approx. 1.76 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 5.7 miles; no # affected Detours: ? Unknown, delays between towns, increased traffic during Blue Hill Falls Bridge work planned

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	affects Fire assistance/mutual aid roadway with only 20 ft, narrow for 2 vehicles. Height less than mapped FEMA 100 year flood elevation
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Field average upstream only; used higher calculated value of 12' (Stream Stats) Longitudinal profile of stream beyond culvert influence completed? : Yes Field BFW, longitudinal profile not included?
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - not listed Banks? - Yes
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 50651
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no fisheries concerns with project, full support from Greg Burr (IFW)
Habitat Opened/Improved	0 miles Wild Brook Trout Habitat, TWWH, Tidal marsh
Fish present, source of info	Brook trout per BWH

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$181050 Requested: \$100000 Match: \$81050, 44.7%
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	none reported
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	tidal below crossing
Other comments	Existing structure is a bridge not a culvert

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Brooklin (Not Reviewed)
Road name	Hale's Hill Road
Stream Name	Meadow Brook
Existing Culvert Size & Material	8.5'Wx5'Hx20'L Bridge? Stone/Concrete box?
Crossing Age	50+
Bankfull width and method	11.1 ; Field average upstream only; used higher calculated value of 12' (Stream Stats)
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15'Sx5'Hx28'L Open Bottom Concrete Box DOT: No

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	No flooding or damage noted, undersized;The High Tide Elevation extends through the crossing to a point approximately 150' south of the crossing
Change in culvert width	Approx. 1.76 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 5.7 miles; no # affected Detours: ? Unknown, delays between towns, increased traffic during Blue Hill Falls Bridge work planned

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	affects Fire assistance/mutual aid roadway with only 20 ft, narrow for 2 vehicles. Height less than mapped FEMA 100 year flood elevation
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Field average upstream only; used higher calculated value of 12' (Stream Stats) Longitudinal profile of stream beyond culvert influence completed? : Yes Field BFW, longitudinal profile not included?
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - not listed Banks? - Yes
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 50651
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no fisheries concerns with project, full support from Greg Burr (IFW)
Habitat Opened/Improved	0 miles Wild Brook Trout Habitat, TWWH, Tidal marsh
Fish present, source of info	Brook trout per BWH

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$181050 Requested: \$100000 Match: \$81050, 44.7%
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-06- Brooklin, Hale's Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	none reported
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	tidal below crossing
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-07- Brownfield, Phen Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Brownfield
Road name	Phen Road
Stream Name	Cole Brook
Existing Culvert Size & Material	2 - 5.5Sx3.5'Hx31'L oval metal pipe
Crossing Age	unknown
Bankfull width and method	13.84 ; field average upstream only; used higher calculated value of 14'
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17.8'Sx5.4'Hx21'L Open Bottom Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	The road was overtopped at this culvert in October of 2011 and October of 2017. undersized-hydraulic modelling. Significant rusting/deterioration, holes in culvert
Change in culvert width	Approx. 1.61 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, 1x per year
Cut-offs or detours	Cut Offs: 6.21 miles; 3 detoured homes, 11 businesses, 3 crit infrastructure Detours: 0

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-07- Brownfield, Phen Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: field average upstream only; used higher calculated value of 14' Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, restoration plan included
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 10399
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Assistance from USFWS, IFW \$ as match; "MDIFW has sampled the Shephards River drainage extensively and counts it one of the best wild Brook Trout resources in southern Oxford County."
Habitat Opened/Improved	1.14 miles Wild Brook Trout Habitat, historic ATS habitat -Cold water refugia, spawning, and nursery habitat for wild Brook Trout
Fish present, source of info	Wild brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$135299 Requested: \$125000 Match: \$10299, 7.61%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-07- Brownfield, Phen Road

DATE: 12/6/21, 12/7/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$1,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10,000 engineering costs, restoration plan included
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-07- Brownfield, Phen Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Brownfield
Road name	Phen Road
Stream Name	Cole Brook
Existing Culvert Size & Material	2 - 5.5Sx3.5'Hx31'L oval metal pipe
Crossing Age	unknown
Bankfull width and method	13.84 ; field average upstream only; used higher calculated value of 14'
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17.8'Sx5.4'Hx21'L Open Bottom Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	The road was overtopped at this culvert in October of 2011 and October of 2017. undersized-hydraulic modelling. Significant rusting/deterioration, holes in culvert <i>Two overtoppings, but headwalls appear solid.</i>
Change in culvert width	Approx. 1.61 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, 1x per year
Cut-offs or detours	Cut Offs: 0 Detours: 6.21 miles; 3 detoured homes, 11 businesses, 3 crit infrastructure <i>Low traffic, is a detour, quite a few businesses.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-07- Brownfield, Phen Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: field average upstream only; used higher calculated value of 14' Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, restoration plan included
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 10399
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Assistance from USFWS, IFW \$ as match; "MDIFW has sampled the Shephards River drainage extensively and counts it one of the best wild Brook Trout resources in southern Oxford County."
Habitat Opened/Improved	1.14 miles Wild Brook Trout Habitat, historic ATS habitat -Cold water refugia, spawning, and nursery habitat for wild Brook Trout
Fish present, source of info	Wild brook trout <i>Good support from IF&W, project important to other restoration in watershed as a last barrier removal. Next upstream barrier already replaced, so 1.14 miles is significantly more (+1.69 mi). DMR no comment, score 0.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$135299 Requested: \$125000 Match: \$10299, 7.61%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-07- Brownfield, Phen Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$1,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10,000 engineering costs, restoration plan included
Other comments	<i>Only upstream average width but used rounded up, higher 14 ft. value. Footings well below scour depth, >2ft. Good plans. 7.6% match, 10k engineering reasonable, good plan, good feasibility, limited town budget, will happen with this match.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-07- Brownfield, Phen Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Brownfield
Road name	Phen Road
Stream Name	Cole Brook
Existing Culvert Size & Material	2 - 5.5Sx3.5'Hx31'L oval metal pipe
Crossing Age	unknown
Bankfull width and method	13.84 ; field average upstream only; used higher calculated value of 14'
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17.8'Sx5.4'Hx21'L Open Bottom Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	The road was overtopped at this culvert in October of 2011 and October of 2017. undersized-hydraulic modelling. Significant rusting/deterioration, holes in culvert
Change in culvert width	Approx. 1.61 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, 1x per year
Cut-offs or detours	Cut Offs: 6.21 miles; 3 detoured homes, 11 businesses, 3 crit infrastructure Detours: 0

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-07- Brownfield, Phen Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: field average upstream only; used higher calculated value of 14' Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, restoration plan included
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 10399
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Assistance from USFWS, IFW \$ as match; "MDIFW has sampled the Shephards River drainage extensively and counts it one of the best wild Brook Trout resources in southern Oxford County."
Habitat Opened/Improved	1.14 miles Wild Brook Trout Habitat, historic ATS habitat -Cold water refugia, spawning, and nursery habitat for wild Brook Trout
Fish present, source of info	Wild brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$135299 Requested: \$125000 Match: \$10299, 7.61%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-07- Brownfield, Phen Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$1,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10,000 engineering costs, restoration plan included.
Other comments	Capstone project for restoration efforts in watershed. Working with TU and IFW to enhance brook trout habitat area in watershed. Culverts are last barrier. Wish every project was like this one. It's a win for public safety and the environment.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-07- Brownfield, Phen Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Brownfield
Road name	Phen Road
Stream Name	Cole Brook
Existing Culvert Size & Material	2 - 5.5Sx3.5'Hx31'L oval metal pipe
Crossing Age	unknown
Bankfull width and method	13.84 ; field average upstream only; used higher calculated value of 14'
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17.8'Sx5.4'Hx21'L Open Bottom Concrete Box 😊 DOT: No, indicated contact upon award

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	The road was overtopped at this culvert in October of 2011 and October of 2017. undersized-hydraulic modelling. Significant rusting/deterioration, holes in culvert
Change in culvert width	Approx. 1.61 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, 1x per year
Cut-offs or detours	Cut Offs: 0 Detours: 6.21 miles; 3 detoured homes, 11 businesses, 3 crit infrastructure moderate detour

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-07- Brownfield, Phen Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: field average upstream only; used higher calculated value of 14' Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, restoration plan included
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 10399
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Assistance from USFWS, IFW \$ as match; "MDIFW has sampled the Shephards River drainage extensively and counts it one of the best wild Brook Trout resources in southern Oxford County."
Habitat Opened/Improved	1.14 miles Wild Brook Trout Habitat, historic ATS habitat -Cold water refugia, spawning, and nursery habitat for wild Brook Trout 😊
Fish present, source of info	Wild brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$135299 Requested: \$125000 Match: \$10299, 7.61%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-07- Brownfield, Phen Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$1,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10,000 engineering costs, restoration plan included
Other comments	Barrier with brook trout, Top priority for IF&W

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-08- Buckfield, Bear Pond Road

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Buckfield
Road name	Bear Pond Road
Stream Name	Drew Brook
Existing Culvert Size & Material	4'x31'L CMP, 2 - 1.5'x31' HDPE metal and plastic
Crossing Age	20, 2, 2
Bankfull width and method	13.5 ; field average 2 up 2 downstream,
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17.5'Sx8'Hx34'L Open Bottom Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	The road completely washed out around 2013 and was damaged again around 2015. Road overtopping 2-3 times over last 10 years, requires annual cleaning. Culvert is rooting and peeling up on inside, photos.
Change in culvert width	Approx. 3.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 15 miles; 11 homes, 25-30 businesses, 3 critical infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-08- Buckfield, Bear Pond Road

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	long detour, emergency delays significant amount of commercial (logging, delivery, paving, well drilling, septic pumpers, agricultural support businesses etc.) vehicles use this road. It is a major thoroughfare between Turner, Hartford and Buckfield. The current crossing has no guard rails for safety, a new crossing as proposed would include these.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: field average 2 up 2 downstream, Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, restoration plan included
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 22239
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Paul Christman of MDMR does not consider this site to be a high priority for his office due to the number of downstream dams currently limiting access to wild Atlantic salmon. This stream has known wild Eastern brook trout habitat, represents an area of cold water streams likely to remain resilient in the face of climate change, and this crossing represents the most important barrier in this catchment with over four miles upstream limited.
Habitat Opened/Improved	4.15 miles ATS DPS, ATS modelled habitat 40.5 units upstream, brook trout habitat, IWWH
Fish present, source of info	brook trout, blacknosed dace, creek chub, and white suckers per IFW survey. Contact with DMR & IFW.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-08- Buckfield, Bear Pond Road

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$125000 Requested: \$120000 Match: \$5000, 4.00%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$10,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$7500 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-08- Buckfield, Bear Pond Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Buckfield
Road name	Bear Pond Road
Stream Name	Drew Brook
Existing Culvert Size & Material	4'x31'L CMP, 2 - 1.5'x31' HDPE metal and plastic
Crossing Age	20, 2, 2
Bankfull width and method	13.5 ; field average 2 up 2 downstream,
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17.5'Sx8'Hx34'L Open Bottom Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	The road completely washed out around 2013 and was damaged again around 2015. Road overtopping 2-3 times over last 10 years, requires annual cleaning. Culvert is rooting and peeling up on inside, photos. <i>Failure documented, regular overtopping and cleaning required.</i>
Change in culvert width	Approx. 3.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 15 miles; 11 homes, 25-30 businesses, 3 critical infrastructure <i>Major travel route, wood industry? Or other?, 328 cars day, what is infrastructure? Not explained, long detour.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-08- Buckfield, Bear Pond Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	long detour, emergency delays significant amount of commercial (logging, delivery, paving, well drilling, septic pumpers, agricultural support businesses etc.) vehicles use this road. It is a major thoroughfare between Turner, Hartford and Buckfield. The current crossing has no guard rails for safety, a new crossing as proposed would include these.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: field average 2 up 2 downstream, Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, restoration plan included
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 22239
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Paul Christman of MDMR does not consider this site to be a high priority for his office due to the number of downstream dams currently limiting access to wild Atlantic salmon. This stream has known wild Eastern brook trout habitat, represents an area of cold water streams likely to remain resilient in the face of climate change, and this crossing represents the most important barrier in this catchment with over four miles upstream limited.
Habitat Opened/Improved	4.15 miles ATS DPS, ATS modelled habitat 40.5 units upstream, brook trout habitat, IWWH <i>Above many dams for ATS, but cold water BKT habitat, 4 miles opened if potential barrier.</i>
Fish present, source of info	brook trout, blacknosed dace, creek chub, and white suckers per IFW survey. Contact with DMR & IFW. <i>DMR indicates no comments, score 0.</i>

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-08- Buckfield, Bear Pond Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$125000 Requested: \$120000 Match: \$5000, 4.00%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design <i>Level of design is good, only two width average US & DS so went with 1.3 factor, 17.8 ft. width. Footers well below scour depth. 80% of 100 yr. storm.</i>
Army Corp Permit info	Contact
Costs over previous 10 years	\$10,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$7500 in engineering
Other comments	Low match and erosion and sedimentation costs might be low estimate, design good, overall low project cost, money from budget in place w/IF&W split too.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-08- Buckfield, Bear Pond Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Buckfield
Road name	Bear Pond Road
Stream Name	Drew Brook
Existing Culvert Size & Material	4'x31'L CMP, 2 - 1.5'x31' HDPE metal and plastic
Crossing Age	20, 2, 2
Bankfull width and method	13.5 ; field average 2 up 2 downstream,
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17.5'Sx8'Hx34'L Open Bottom Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	The road completely washed out around 2013 and was damaged again around 2015. Road overtopping 2-3 times over last 10 years, requires annual cleaning. Culvert is rooting and peeling up on inside, photos.
Change in culvert width	Approx. 3.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 15 miles; 11 homes, 25-30 businesses, 3 critical infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-08- Buckfield, Bear Pond Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	long detour, emergency delays significant amount of commercial (logging, delivery, paving, well drilling, septic pumpers, agricultural support businesses etc.) vehicles use this road. It is a major thoroughfare between Turner, Hartford and Buckfield. The current crossing has no guard rails for safety, a new crossing as proposed would include these.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: field average 2 up 2 downstream, Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, restoration plan included
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 22239
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Paul Christman of MDMR does not consider this site to be a high priority for his office due to the number of downstream dams currently limiting access to wild Atlantic salmon. This stream has known wild Eastern brook trout habitat, represents an area of cold water streams likely to remain resilient in the face of climate change, and this crossing represents the most important barrier in this catchment with over four miles upstream limited.
Habitat Opened/Improved	4.15 miles ATS DPS, ATS modelled habitat 40.5 units upstream, brook trout habitat, IWWH
Fish present, source of info	brook trout, blacknosed dace, creek chub, and white suckers per IFW survey. Contact with DMR & IFW.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-08- Buckfield, Bear Pond Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$125000 Requested: \$120000 Match: \$5000, 4.00%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$10,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$7500 in engineering
Other comments	Maybe a partial barrier. 2 miles of habitat upstream opened; brook trout; Good design.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-08- Buckfield, Bear Pond Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Buckfield
Road name	Bear Pond Road
Stream Name	Drew Brook
Existing Culvert Size & Material	4'x31'L CMP, 2 - 1.5'x31' HDPE metal and plastic "overflow" culverts
Crossing Age	20, 2, 2
Bankfull width and method	13.5 ; field average 2 up 2 downstream, 😊
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17.5'Sx8'Hx34'L Open Bottom Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	The road completely washed out around 2013 and was damaged again around 2015. Road overtopping 2-3 times over last 10 years, requires annual cleaning. Culvert is rotting and peeling up on inside, photos.
Change in culvert width	Approx. 3.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 15 miles; 11 homes, 25-30 businesses, 3 critical infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-08- Buckfield, Bear Pond Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	long detour, emergency delays significant amount of commercial (logging, delivery, paving, well drilling, septic pumpers, agricultural support businesses etc.) vehicles use this road. It is a major thoroughfare between Turner, Hartford and Buckfield. The current crossing has no guard rails for safety, a new crossing as proposed would include these.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: field average 2 up 2 downstream, Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, restoration plan included
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 22239
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Paul Christman of MDMR does not consider this site to be a high priority for his office due to the number of downstream dams currently limiting access to wild Atlantic salmon. This stream has known wild Eastern brook trout habitat, represents an area of cold water streams likely to remain resilient in the face of climate change, and this crossing represents the most important barrier in this catchment with over four miles upstream limited.
Habitat Opened/Improved	4.15 miles ATS DPS, ATS modelled habitat 40.5 units upstream, brook trout habitat, IWWH
Fish present, source of info	brook trout, blacknosed dace, creek chub, and white suckers per IFW survey. Contact with DMR & IFW.

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-08- Buckfield, Bear Pond Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$125000 Requested: \$120000 Match: \$5000, 4.00%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$10,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$7500 in engineering
Other comments	Long detour with high impact, Road has washed out completely before. Brook trout.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-09- Burnham, Pond Rd

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Burnham
Road name	Pond Rd
Stream Name	Meadow Brook
Existing Culvert Size & Material	11'Sx7.5'Hx56'L oval metal pipe
Crossing Age	56
Bankfull width and method	15.2 ; 12' chosen for structure width due to stone walls from mill DS that are 11 feet wide
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	12'S x9.5'Hx54'L Open Bottom Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	crossing caused flooding in 2016 (road closed), annual cleaning and beaver issues. Culvert ends have rusted off, erosion under & behind culvert
Change in culvert width	Approx. 1.09 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 5.26 mile detour; 15 homes, 1 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-09- Burnham, Pond Rd

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: 11' chosen for structure width due to stone walls from mill DS that are 11 feet wide Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	No
Natural Bottom information; Banks within structure?	Type of bottom - Visual analysis Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 16567
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW/DMR-no response
Habitat Opened/Improved	20.32 miles IWWH
Fish present, source of info	brook trout,alewives DS?

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$200000 Requested: \$125000 Match: \$75000, 37.5%,
Engineering	To be stamped?: Yes Level of plan included: Site Specific 90%+ Plans
Army Corp Permit info	Contact
Costs over previous 10 years	\$2,700 road repairs, \$20,000 debris removal over 10 years
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-09- Burnham, Pond Rd

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$16000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-09- Burnham, Pond Rd

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Burnham
Road name	Pond Rd
Stream Name	Meadow Brook
Existing Culvert Size & Material	11'Sx7.5'Hx56'L oval metal pipe
Crossing Age	56
Bankfull width and method	15.2 ; 12' chosen for structure width due to stone walls from mill DS that are 11 feet wide
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	12'S x9.5'Hx54'L Open Bottom Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	crossing caused flooding in 2016 (road closed), annual cleaning and beaver issues. Culvert ends have rusted off, erosion under & behind culvert <i>One previous flooding event, debris/cleaning and maintenance.</i>
Change in culvert width	Approx. 1.09 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 5.26 mile detour; 15 homes, 1 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-09- Burnham, Pond Rd

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: 11' chosen for structure width due to stone walls from mill DS that are 11 feet wide Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	No
Natural Bottom information; Banks within structure?	Type of bottom - Visual analysis Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier <i>Looks like barrier depending on flow in project photos.</i> Maine Stream Habitat Viewer ID: 16567
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW/DMR-no response
Habitat Opened/Improved	20.32 miles <i>Huge mileage gain with opened habitat, but not the best CW fisheries habitat, IF&W says warmer water habitat.</i> IWWH
Fish present, source of info	brook trout, alewives DS in Unity Pd., <i>alewives would not use with no pond habitat upstream, warm water habitat and is barrier so opens up 20 miles. DMR indicates "trib to Unity Pd.", Score 2.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$200000 Requested: \$125000 Match: \$75000, 37.5%,
Engineering	To be stamped?: Yes Level of plan included: Site Specific 90%+ Plans <i>Visual natural bottom analysis weaker, 90%+ plans, cross section does not really show scour pools, slope, not stream smart profile type. Chose DS width based on a constricted width, compared to measured 17, 29 & 11 BFW. Models at 22' or 19'. But used 11'.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-09- Burnham, Pond Rd

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$2,700 road repairs, \$20,000 debris removal over 10 years
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$16000 in engineering
Other comments	<i>Saving, money set aside in fund, \$200k total cost, engineering \$16k reasonable/low, match 37.5%.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-09- Burnham, Pond Rd

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Burnham
Road name	Pond Rd
Stream Name	Meadow Brook
Existing Culvert Size & Material	11'Sx7.5'Hx56'L oval metal pipe
Crossing Age	56
Bankfull width and method	15.2 ; 12' chosen for structure width due to stone walls from mill DS that are 11 feet wide
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	12'S x9.5'Hx54'L Open Bottom Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	crossing caused flooding in 2016 (road closed), annual cleaning and beaver issues. Culvert ends have rusted off, erosion under & behind culvert
Change in culvert width	Approx. 1.09 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 5.26 mile detour; 15 homes, 1 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-09- Burnham, Pond Rd

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: 11' chosen for structure width due to stone walls from mill DS that are 11 feet wide Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	No
Natural Bottom information; Banks within structure?	Type of bottom - Visual analysis Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 16567
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW/DMR-no response
Habitat Opened/Improved	20.32 miles IWWH
Fish present, source of info	brook trout,alewives DS?

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$200000 Requested: \$125000 Match: \$75000, 37.5%,
Engineering	To be stamped?: Yes Level of plan included: Site Specific 90%+ Plans
Army Corp Permit info	Contact
Costs over previous 10 years	\$2,700 road repairs, \$20,000 debris removal over 10 years
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-09- Burnham, Pond Rd

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$16000 in engineering
Other comments	Not bankful width, why can't old foundations be moved? Doesn't look like it should be an alewife stream...it's upstream of Unity pond and I don't see another pond in the watershed. There would be an awful lot of upstream habitat opened.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-09- Burnham, Pond Rd

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Burnham
Road name	Pond Rd
Stream Name	Meadow Brook
Existing Culvert Size & Material	11'Sx7.5'Hx56'L oval metal pipe
Crossing Age	56
Bankfull width and method	15.2 ; 12' chosen for structure width due to stone walls from mill DS that are 11 feet wide
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	12'S x9.5'Hx54'L Open Bottom Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	5-10 Honest
Previous flooding or failure events, documentation, culvert condition, age	crossing caused flooding in 2016 (road closed), annual cleaning and beaver issues. Culvert ends have rusted off, erosion under & behind culvert Needs to be replaced
Change in culvert width	Approx. 1.09 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 5.26 mile detour; 15 homes, 1 critical infrastructure Moderate
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-09- Burnham, Pond Rd

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: 11' chosen for structure width due to stone walls from mill DS that are 11 feet wide Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	No
Natural Bottom information; Banks within structure?	Type of bottom - Visual analysis Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 16567
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW/DMR-no response
Habitat Opened/Improved	20.32 miles 😊 IWWH
Fish present, source of info	brook trout ,alewives DS?

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$200000 Requested: \$125000 Match: \$75000, 37.5%,
Engineering	To be stamped?: Yes Level of plan included: Site Specific 90%+ Plans
Army Corp Permit info	Contact
Costs over previous 10 years	\$2,700 road repairs, \$20,000 debris removal over 10 years
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-09- Burnham, Pond Rd

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$16000 in engineering
Other comments	Not bank full width, known flooding, repair costs 22700, large amount of concerted habitat but marginal value

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-10- Chapman, West Chapman Road

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Chapman
Road name	West Chapman Road
Stream Name	Alder Brook
Existing Culvert Size & Material	4.5'Rx60'L CMP
Crossing Age	unknown
Bankfull width and method	18.5 ; modelled value chosen over measured field values as "representative",
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	22'Sx8'Hx60'L 4 Sided Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	no overtopping of road, beaver issues-screen installed, damage to roadway reported from flooding. In 2017 inlet side plugged and 6 foot section was destroyed.
Change in culvert width	Approx. 4.88 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, regular cleaning & beavers
Cut-offs or detours	Cut Offs: 15 homes, 1 business Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	cut offs Floods residences nearby when culvert backs up. Potential impacts to recreation are (Scopan Mountain)

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-10- Chapman, West Chapman Road

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: modelled value chosen over measured field values as "representative", Longitudinal profile of stream beyond culvert influence completed? : ? preliminary survey, BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	yes, but unclear if BFW is accurate
Natural Bottom information; Banks within structure?	Type of bottom - recommendation from agencies Banks? - ?
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 30817
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with DMR, contacted IFW, 1975 survey, brook trout, suckers, various "baitfish"
Habitat Opened/Improved	5.11 miles Brook trout habitat, IWWH
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$540000 Requested: \$125000 Match: \$415000, 76.85 %
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Contact
Costs over previous 10 years	\$\$500 cleaning, \$2500 repairs to structure, \$5000 road claires
Construction year	2023

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-10- Chapman, West Chapman Road

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$50,000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-10- Chapman, West Chapman Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Chapman
Road name	West Chapman Road
Stream Name	Alder Brook
Existing Culvert Size & Material	4.5'Rx60'L CMP
Crossing Age	unknown
Bankfull width and method	18.5 ; modelled value chosen over measured field values as "representative",
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	22'Sx8'Hx60'L 4 Sided Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	no overtopping of road, beaver issues-screen installed, damage to roadway reported from flooding. In 2017 inlet side plugged and 6 foot section was destroyed. <i>Previous damage, partial failure, screen is functioning as a dam. Poor condition, seem opening.</i>
Change in culvert width	Approx. 4.88 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, regular cleaning & beavers
Cut-offs or detours	Cut Offs: 15 homes, 1 business 170 cars/day nearby road, low traffic but <i>these are cut offs if culvert fails.</i> Detours: 0

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-10- Chapman, West Chapman Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	cut offs Floods residences nearby when culvert backs up. Potential impacts to recreation area (Scopan Mountain)
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: modelled value chosen over measured field values as "representative", Longitudinal profile of stream beyond culvert influence completed? : ? preliminary survey, BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	yes, but unclear if BFW is accurate
Natural Bottom information; Banks within structure?	Type of bottom - recommendation from agencies Banks? - ?
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 30817
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with DMR, contacted IFW, 1975 survey, brook trout, suckers, various "baitfish"
Habitat Opened/Improved	5.11 miles ??? Brook trout habitat, IWWH <i>Seasonal BKT habitat? and a barrier on MSHV with significant 5+ mi.??? opened upstream. Does not look like much for tribs based on MSHV but does say 5 mi. upstream.</i>
Fish present, source of info	brook trout <i>Seasonal BKT habitat at best, if warm water seasonally?</i> DMR no comment, score 0.

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$540000 Requested: \$125000 Match: \$415000, 76.85 %
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-10- Chapman, West Chapman Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$\$500 cleaning, \$2500 repairs to structure, \$5000 road claures
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$50,000 in engineering <i>High engineering cost for work shown, 75% match, funding partner NRBC possible w/application, and high proportion of total cost.</i>
Other comments	<i>BF width accuracy?, measured should be outside backwatered area. Not shown to be representative? Probably could have been done further DS, and looks narrower there. Close to 1.2 for width used. Natural bottom in closed bottom box as per agency input, no longitudinal profile and not clear if they plan to do one? Probably not with already existing design. Slope questionable due to short length. Not SS design.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-10- Chapman, West Chapman Road
DATE: 12/30/2021
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Chapman
Road name	West Chapman Road
Stream Name	Alder Brook
Existing Culvert Size & Material	4.5'Rx60'L CMP
Crossing Age	unknown
Bankfull width and method	18.5 ; modelled value chosen over measured field values as "representative",
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	22'Sx8'Hx60'L 4 Sided Concrete Box DOT: No, indicated contact upon award

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	no overtopping of road, beaver issues-screen installed, damage to roadway reported from flooding. In 2017 inlet side plugged and 6 foot section was destroyed.
Change in culvert width	Approx. 4.88 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, regular cleaning & beavers
Cut-offs or detours	Cut Offs: 15 homes, 1 business Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	cut offs Floods residences nearby when culvert backs up. Potential impacts to recreation are (Scopan Mountain)

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-10- Chapman, West Chapman Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: modelled value chosen over measured field values as "representative", Longitudinal profile of stream beyond culvert influence completed? : ? preliminary survey, BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	yes, but unclear if BFW is accurate
Natural Bottom information; Banks within structure?	Type of bottom - recommendation from agencies Banks? - ?
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 30817
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with DMR, contacted IFW, 1975 survey, brook trout, suckers, various "baitfish"
Habitat Opened/Improved	5.11 miles Brook trout habitat, IWWH
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$540000 Requested: \$125000 Match: \$415000, 76.85 %
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Contact
Costs over previous 10 years	\$\$500 cleaning, \$2500 repairs to structure, \$5000 road claures
Construction year	2023

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-10- Chapman, West Chapman Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$50,000 in engineering? 4 sided box complicates installation
Other comments	Looks like it might impound water above structure. Alder Lake is an IWWH. 4-sided box; bank full width measurements taken upstream in a flowed area, not sure how accurate they are. Modeled brook trout habitat too generous?

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-10- Chapman, West Chapman Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Chapman
Road name	West Chapman Road
Stream Name	Alder Brook
Existing Culvert Size & Material	4.5'Rx60'L CMP
Crossing Age	unknown
Bankfull width and method	18.5 ; modelled value chosen over measured field values as "representative",
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	22'Sx8'Hx60'L 4 Sided Concrete Box 😞 DOT: No, indicated contact upon award

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	no overtopping of road, beaver issues-screen installed, damage to roadway reported from flooding. In 2017 inlet side plugged and 6 foot section was destroyed.
Change in culvert width	Approx. 4.88 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, regular cleaning & beavers
Cut-offs or detours	Cut Offs: 15 homes, 1 business Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	cut offs Floods residences nearby when culvert backs up. Potential impacts to recreation are (Scopan Mountain)

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-10- Chapman, West Chapman Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: modelled value chosen over measured field values as "representative", Longitudinal profile of stream beyond culvert influence completed? : ? preliminary survey, BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	yes, but unclear if BFW is accurate
Natural Bottom information; Banks within structure?	Type of bottom - recommendation from agencies Banks? - ?
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 30817
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with DMR, contacted IFW, 1975 survey, brook trout, suckers, various "baitfish"
Habitat Opened/Improved	5.11 miles Brook trout habitat, IWWH
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$540000 Requested: \$125000 Match: \$415000, 76.85 %
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Contact
Costs over previous 10 years	\$\$500 cleaning, \$2500 repairs to structure, \$5000 road closures
Construction year	2023

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-10- Chapman, West Chapman Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$50,000 in engineering High
Other comments	Clogging due to beaver grate, no banks in design, 15 homes cut off, brook trout, stream measurements seem funky.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-11- China, Ingraham Road

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	China
Road name	Ingraham Road
Stream Name	Hewitt Brook
Existing Culvert Size & Material	2 culverts - 2.75'Rx52'L; 2'Sx52'L CMP
Crossing Age	unknown
Bankfull width and method	7.25 ; Field measured, 1 upstream, 1 downstream only. Is significantly lower than modelled values
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9.5'Sx7'Hx36'L Metal arch on concrete footers DOT: n/a

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no overtopping reported in last 10 years, no wash outs. Undersized with 2 culverts. Culverts are rusted out in bad shape
Change in culvert width	Approx. 1.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, regular cleaning & beavers
Cut-offs or detours	Cut Offs: 0 Detours: 3.3 mile detour; 19 homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays Ingraham Road is a through road that connects Route 32 and Kidder Road. If the crossing were to fail, it would

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-11- China, Ingraham Road

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

	take emergency responders longer to reach citizens. Hewitt Brook crosses under two more roads (Tyler Road and Shuman Road) before joining the Sheepscot River and debris from the failure could cause damage to these downstream crossings.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Field measured, 1 upstream, 1 downstream only. Is significantly lower than modelled values Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	yes, but unclear if BFW is accurate
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 3772
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted DMR, no response. IFW- no impacts of concern
Habitat Opened/Improved	4.58 miles Brook trout habitat, ATS CH
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$150000 Requested: \$125000 Match: \$25000, 16.6%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-11- China, Ingraham Road

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-11- China, Ingraham Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	China
Road name	Ingraham Road
Stream Name	Hewitt Brook
Existing Culvert Size & Material	2 culverts - 2.75'Rx52'L; 2'Sx52'L CMP
Crossing Age	unknown
Bankfull width and method	7.25 ; Field measured, 1 upstream, 1 downstream only. Is significantly lower than modelled values
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9.5'Sx7'Hx36'L Metal arch on concrete footers DOT: n/a

Estimated time to failure	1-3 <i>Pretty rough shape, disconnection and rust out bottom.</i>
Previous flooding or failure events, documentation, culvert condition, age	no overtopping reported in last 10 years, no wash outs. Undersized with 2 culverts. Culverts are rusted out in bad shape
Change in culvert width	Approx. 1.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, regular cleaning & beavers
Cut-offs or detours	Cut Offs: 0 Detours: 3.3 mile detour; 19 homes <i>Shorter detour, loop to get end to end of culvert section.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-11- China, Ingraham Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>emergency response delays</p> <p>Ingraham Road is a through road that connects Route 32 and Kidder Road. If the crossing were to fail, it would take emergency responders longer to reach citizens. Hewitt Brook crosses under two more roads (Tyler Road and Shuman Road) before joining the Sheepscot River and debris from the failure could cause damage to these downstream crossings. <i>130 cars/day, not high traffic.</i></p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	<p>Bankfull width method: Field measured, 1 upstream, 1 downstream only. Is significantly lower than modelled values</p> <p>Longitudinal profile of stream beyond culvert influence completed? : Yes</p> <p>BFW, Longitudinal profile, prelim plans</p>
1.2 x BFW or Tidal analysis sizing, considerations performed	yes, but unclear if BFW is accurate
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 3772
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted DMR, no response. IFW- no impacts of concern
Habitat Opened/Improved	4.58 miles Brook trout habitat, ATS CH
Fish present, source of info	brook trout BKT "habitat"??? IF&W indicated warm water species. Good distance opened U.S. <i>DMR comment "looks like headwaters to Sheepscot trib. Very far upstream." Score 2.</i>

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-11- China, Ingraham Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$150000 Requested: \$125000 Match: \$25000, 16.6%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10000 in engineering <i>16.6% match, reasonable project cost, engineering cost OK.</i>
Other comments	<i>BFW lower than modelled values and chose lower value (9.37), but proposed structure width is only slightly wider. Slope not correct with no US values included, can't determine if elevation is correct/not set.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-11- China, Ingraham Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	China
Road name	Ingraham Road
Stream Name	Hewitt Brook
Existing Culvert Size & Material	2 culverts - 2.75'Rx52'L; 2'Sx52'L CMP
Crossing Age	unknown
Bankfull width and method	7.25 ; Field measured, 1 upstream, 1 downstream only. Is significantly lower than modelled values
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9.5'Sx7'Hx36'L Metal arch on concrete footers DOT: n/a

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no overtopping reported in last 10 years, no wash outs. Undersized with 2 culverts. Culverts are rusted out in bad shape
Change in culvert width	Approx. 1.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, regular cleaning & beavers
Cut-offs or detours	Cut Offs: 0 Detours: 3.3 mile detour; 19 homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays Ingraham Road is a through road that connects Route 32 and Kidder Road. If the crossing were to fail, it would

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-11- China, Ingraham Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

	take emergency responders longer to reach citizens. Hewitt Brook crosses under two more roads (Tyler Road and Shuman Road) before joining the Sheepscot River and debris from the failure could cause damage to these downstream crossings.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Field measured, 1 upstream, 1 downstream only. Is significantly lower than modelled values Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	yes, but unclear if BFW is accurate
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 3772
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted DMR, no response. IFW- no impacts of concern
Habitat Opened/Improved	4.58 miles Brook trout habitat, ATS CH
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$150000 Requested: \$125000 Match: \$25000, 16.6%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-11- China, Ingraham Road

DATE: 12/30/2021

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10000 in engineering
Other comments	3 sided box; says brookies but looks doubtful; modeled Atlantic salmon habitat; Only 2 bankfull width measurements; needs more engineering

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-11- China, Ingraham Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	China
Road name	Ingraham Road
Stream Name	Hewitt Brook
Existing Culvert Size & Material	2 culverts - 2.75'Rx52'L; 2'Sx52'L CMP
Crossing Age	unknown
Bankfull width and method	7.25 ; Field measured, 1 upstream, 1 downstream only. Is significantly lower than modelled values
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9.5'Sx7'Hx36'L Metal arch on concrete footers 😊 DOT: n/a

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no overtopping reported in last 10 years, no wash outs. Undersized with 2 culverts. Culverts are rusted out in bad shape No flooding
Change in culvert width	Approx. 1.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, regular cleaning & beavers
Cut-offs or detours	Cut Offs: 0 Detours: 3.3 mile detour; 19 homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays Ingraham Road is a through road that connects Route 32 and Kidder Road. If the crossing were to fail, it would

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-11- China, Ingraham Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

	take emergency responders longer to reach citizens. Hewitt Brook crosses under two more roads (Tyler Road and Shuman Road) before joining the Sheepscot River and debris from the failure could cause damage to these downstream crossings.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Field measured, 1 upstream, 1 downstream only. Is significantly lower than modelled values Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	yes, but unclear if BFW is accurate
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 3772
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted DMR, no response. IFW- no impacts of concern
Habitat Opened/Improved	4.58 miles Brook trout habitat, ATS CH 😊
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$150000 Requested: \$125000 Match: \$25000, 16.6%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-11- China, Ingraham Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10000 in engineering 😊
Other comments	Connector road, short detour and not many trips, Contech design, no banks, Bottom is gone on culvert.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-12- Clinton, True Road

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Clinton
Road name	True Road
Stream Name	Beaver Brook
Existing Culvert Size & Material	3 - (2) 5'Rx32'L; (1) 6'Rx30'L CMP
Crossing Age	58, 58, 40
Bankfull width and method	15.8 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	22'Sx10'Hx56'L Open bottom concrete box DOT: Yes, design reviewed

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	no overtopping of road, annual cleaning, flooding damage reported with photos included. HY-8 analysis overtops at Q50. The bottom has rotted out of the two CMP culverts This is causing the crossing to sag away from the road surface which has eroded the ro
Change in culvert width	Approx. 1.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 2 homes, 1 business Detours: 0

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-12- Clinton, True Road

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	cut offs Damage happens about once annually with high flows; most recent was on Oct. 31, 2021 with a 1.5" rain.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 16601
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	9.15 miles ATS Modelled habitat 55.64 units class 1
Fish present, source of info	assumed present

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$232500 Requested: \$125000 Match: \$107500, 46.23%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-12- Clinton, True Road

DATE: 12/6/21, 12/8/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Application submitted
Costs over previous 10 years	\$500.00
Construction year	2022 (assumed, indicates 2021)
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$17,500 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-12- Clinton, True Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Clinton
Road name	True Road
Stream Name	Beaver Brook
Existing Culvert Size & Material	3 - (2) 5'Rx32'L; (1) 6'Rx30'L CMP
Crossing Age	58, 58, 40
Bankfull width and method	15.8 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	22'Sx10'Hx56'L Open bottom concrete box DOT: Yes, design reviewed

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	no overtopping of road, annual cleaning, flooding damage reported with photos included. HY-8 analysis overtops at Q50. The bottom has rotted out of the two CMP culverts This is causing the crossing to sag away from the road surface which has eroded the road. <i>Very poor condition, failing bottom, wash out and piping between and under twin culverts. Flooding event.</i>
Change in culvert width	Approx. 1.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 2 homes, 1 business <i>Low use, few homes, one business (farm or woodlot?) 100+ vehicles/day???</i> True? Detours: 0

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-12- Clinton, True Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	cut offs Damage happens about once annually with high flows; most recent was on Oct. 31, 2021 with a 1.5" rain.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 16601
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	9.15 miles ATS Modelled habitat 55.64 units class 1
Fish present, source of info	assumed present <i>Temps suitable for BKT, presence not documented, long stretch above opened, ATS modelled habitat?, are I-95 culverts passable? DMR comments "not much for salmon but probably has eels, etc." Score 3.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$232500 Requested: \$125000 Match: \$107500, 46.23%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-12- Clinton, True Road

DATE: 12/10/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Application submitted
Costs over previous 10 years	\$500.00
Construction year	2022 (assumed, indicates 2021)
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$17,500 in engineering <i>46% match, moderate engineering includes bidding and permitting, in town budget, 15k erosion control.</i>
Other comments	<i>Open bottom CB, banks, longitudinal profile, one of TNC projects, approach is SS design, going beyond 1.2 BFW in design, becomes DOT crossing.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-12- Clinton, True Road
DATE: January 3, 2022
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Clinton
Road name	True Road
Stream Name	Beaver Brook
Existing Culvert Size & Material	3 - (2) 5'Rx32'L; (1) 6'Rx30'L CMP
Crossing Age	58, 58, 40
Bankfull width and method	15.8 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	22'Sx10'Hx56'L Open bottom concrete box DOT: Yes, design reviewed

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	no overtopping of road, annual cleaning, flooding damage reported with photos included. HY-8 analysis overtops at Q50. The bottom has rotted out of the two CMP culverts This is causing the crossing to sag away from the road surface which has eroded the ro
Change in culvert width	Approx. 1.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 2 homes, 1 business Detours: 0

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-12- Clinton, True Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	cut offs Damage happens about once annually with high flows; most recent was on Oct. 31, 2021 with a 1.5" rain.
--	--

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 16601
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	9.15 miles ATS Modelled habitat 55.64 units class 1
Fish present, source of info	assumed present

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$232500 Requested: \$125000 Match: \$107500, 46.23%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-12- Clinton, True Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Application submitted
Costs over previous 10 years	\$500.00
Construction year	2022 (assumed, indicates 2021)
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$17,500 in engineering
Other comments	Doesn't look like great fish habitat and it's a potential barrier, but there's clearly a safety issue. Good design.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER NAME: 2021R-12- Clinton, True Road
 DATE: 1/3/2022
 EVALUATOR NAME: David A. Waddell
 EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:
I. Public Infrastructure Information/Public Safety

Town Name	Clinton
Road name	True Road
Stream Name	Beaver Brook
Existing Culvert Size & Material	3 - (2) 5'Rx32'L; (1) 6'Rx30'L CMP
Crossing Age	58, 58, 40
Bankfull width and method	15.8 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	22'Sx10'Hx56'L Open bottom concrete box 😊 DOT: Yes, design reviewed 😊

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	no overtopping of road, annual cleaning, flooding damage reported with photos included. HY-8 analysis overtops at Q50 . The bottom has rotted out of the two CMP culverts This is causing the crossing to sag away from the road surface which has eroded the road.
Change in culvert width	Approx. 1.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 2 homes , 1 business Detours: 0

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-12- Clinton, True Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	cut offs Damage happens about once annually with high flows; most recent was on Oct. 31, 2021 with a 1.5" rain.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 16601
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	9.15 miles ATS Modelled habitat 55.64 units class 1
Fish present, source of info	assumed present

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$232500 Requested: \$125000 Match: \$107500, 46.23%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-12- Clinton, True Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Application submitted
Costs over previous 10 years	\$500.00
Construction year	2022 (assumed, indicates 2021)
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$17,500 in engineering
Other comments	Good Design, support from TNC, stream realignment,

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-13- Cornville, Molunkus Road

DATE: 12/6/21, 12/10/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Cornville
Road name	Molunkus Road
Stream Name	Mill Stream
Existing Culvert Size & Material	14.4'S x9'Hx40'L CMP
Crossing Age	55
Bankfull width and method	34 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	59'Sx9.9'Hx28'L 24' channel width Bridge DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	No overtopping, annual debris cleaning, damage to roadway from flooding reported. Partial failures/collapsing of the culvert and buckling of the road have occurred each spring for the last 2-3 years.
Change in culvert width	Approx. 4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 8 miles; 50 homes, 4 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-13- Cornville, Molunkus Road

DATE: 12/6/21, 12/10/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays Aging and damage done to the culvert as well as a lack of stormwater and runoff management at the site has led to the continued degradation of the culvert and caused buckling of the road. Resurfacing and patching projects have been required to maintain safe passage of vehicles over the stream crossing.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : No BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 26695
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	1985 survey sound blacknose dace, common shiner, sunfish, eels, and sucker, Electrofishing data from neighboring streams has confirmed adult wild brook trout in Paine Brook (upstream), and nursery habitat for young brook trout in Cold Brook (downstream).
Habitat Opened/Improved	2.23 miles ATS modelled habitat 93.62 units, drainage of alewife pond
Fish present, source of info	American eels, brook trout likely

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$498000 Requested: \$125000 Match: \$373000, 74.89%,
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-13- Cornville, Molunkus Road

DATE: 12/6/21, 12/10/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans
Army Corp Permit info	Contact
Costs over previous 10 years	\$5000-10000
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	12000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-13- Cornville, Molunkus Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Cornville
Road name	Molunkus Road
Stream Name	Mill Stream
Existing Culvert Size & Material	14.4'S x9'Hx40'L CMP
Crossing Age	55
Bankfull width and method	34 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	59'Sx9.9'Hx28'L 24' channel width Bridge DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	No overtopping, annual debris cleaning, damage to roadway from flooding reported. Partial failures/collapsing of the culvert and buckling of the road have occurred each spring for the last 2-3 years. <i>Does not look to be in bad condition, really will only last <1 yr? No poor condition photos evident?</i>
Change in culvert width	Approx. 4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 8 miles; 50 homes, 4 businesses (275 cars/day), quite a few homes but moderate detour distance.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-13- Cornville, Molunkus Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays Aging and damage done to the culvert as well as a lack of stormwater and runoff management at the site has led to the continued degradation of the culvert and caused buckling of the road. Resurfacing and patching projects have been required to maintain safe passage of vehicles over the stream crossing.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : No BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 26695
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	1985 survey sound blacknose dace, common shiner, sunfish, eels, and sucker, Electrofishing data from neighboring streams has confirmed adult wild brook trout in Paine Brook (upstream), and nursery habitat for young brook trout in Cold Brook (downstream).
Habitat Opened/Improved	2.23 miles ATS modelled habitat 93.62 units, drainage of alewife pond <i>documented potential? DMR stocked, no commercial harvest.</i>
Fish present, source of info	American eels, brook trout likely. <i>DMR, no comment, score 0.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$498000 Requested: \$125000 Match: \$373000, 74.89%,
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-13- Cornville, Molunkus Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans
Army Corp Permit info	Contact
Costs over previous 10 years	\$5000-10000
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	12000 in engineering <i>75% match, loaned money >\$100k, likely to occur, price from bid in place, 32ft questionable need and DOT approval? Could do more measurement DS to establish BFW requirement & appropriate size. May need some redesign, extra work to make it happen correctly..</i>
Other comments	<i>15 US barriers, 3 DS barriers, not currently accessible, lots of modelled salmon habitat, one barrier in many. BKT present in prior survey. Oversized with US and DS measurements taken in culvert influence area. Should have been further US and further DS. Width is inflated and thus costs too, can span be made without central supports?</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-13- Cornville, Molunkus Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Cornville
Road name	Molunkus Road
Stream Name	Mill Stream
Existing Culvert Size & Material	14.4'S x9'Hx40'L CMP
Crossing Age	55
Bankfull width and method	34 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	59'Sx9.9'Hx28'L 24' channel width Bridge DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	No overtopping, annual debris cleaning, damage to roadway from flooding reported. Partial failures/collapsing of the culvert and buckling of the road have occurred each spring for the last 2-3 years.
Change in culvert width	Approx. 4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 8 miles; 50 homes, 4 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-13- Cornville, Molunkus Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays Aging and damage done to the culvert as well as a lack of stormwater and runoff management at the site has led to the continued degradation of the culvert and caused buckling of the road. Resurfacing and patching projects have been required to maintain safe passage of vehicles over the stream crossing.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : No BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 26695
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	1985 survey sound blacknose dace, common shiner, sunfish, eels, and sucker, Electrofishing data from neighboring streams has confirmed adult wild brook trout in Paine Brook (upstream), and nursery habitat for young brook trout in Cold Brook (downstream).
Habitat Opened/Improved	2.23 miles ATS modelled habitat 93.62 units, drainage of alewife pond
Fish present, source of info	American eels, brook trout likely

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$498000 Requested: \$125000 Match: \$373000, 74.89%,
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-13- Cornville, Molunkus Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans
Army Corp Permit info	Contact
Costs over previous 10 years	\$5000-10000
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	12000 in engineering
Other comments	Existing structure appears to provide fish passage in what is primarily a warm water stream. Alewives in the system; brookies; new structure to be 60' in width? Doesn't seem correct.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-13- Cornville, Molunkus Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Cornville
Road name	Molunkus Road
Stream Name	Mill Stream
Existing Culvert Size & Material	14.4'S x9'Hx40'L CMP
Crossing Age	55
Bankfull width and method	34 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	59'Sx9.9'Hx28'L 24' channel width Bridge 😊 DOT: Yes

Estimated time to failure	<1 Overstated
Previous flooding or failure events, documentation, culvert condition, age	No overtopping, annual debris cleaning, damage to roadway from flooding reported. Partial failures/collapsing of the culvert and buckling of the road have occurred each spring for the last 2-3 years. No flooding
Change in culvert width	Approx. 4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 8 miles; 50 homes, 4 businesses 😞

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-13- Cornville, Molunkus Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays Aging and damage done to the culvert as well as a lack of stormwater and runoff management at the site has led to the continued degradation of the culvert and caused buckling of the road . Resurfacing and patching projects have been required to maintain safe passage of vehicles over the stream crossing.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : No BFW, Longitudinal profile, prelim plans
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Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 26695
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	1985 survey sound blacknose dace, common shiner, sunfish, eels, and sucker, Electrofishing data from neighboring streams has confirmed adult wild brook trout in Paine Brook (upstream), and nursery habitat for young brook trout in Cold Brook (downstream).
Habitat Opened/Improved	2.23 miles ATS modelled habitat 93.62 units, drainage of alewife pond
Fish present, source of info	American eels, brook trout likely

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$498000 Requested: \$125000 Match: \$373000, 74.89%,
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-13- Cornville, Molunkus Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$5000-10000
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	12000 in engineering 😊
Other comments	Seems like < 1 year to failure is overstated. Needs to meet MDOT standards. Brook Trout likely.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-14- Deer Isle, Sunshine Road

DATE: 12/6/21, 12/10/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Deer Isle
Road name	Sunshine Road
Stream Name	Meadow Brook (tidal)
Existing Culvert Size & Material	4'Rx40'L CMP
Crossing Age	60
Bankfull width and method	8.4 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	12'Sx12'Hx40'L 4 Sided Concrete Box DOT: Yes, and consulted with Region Engineer

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	no overtopping but damage from flooding in last 10 years. During extreme storm events the culvert has been undermined. The most recent occurrence was 10/30/21.
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 11.5 mile detour; 368 homes, 8 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-14- Deer Isle, Sunshine Road

DATE: 12/6/21, 12/10/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays A food processing facility, our only road construction company and the Haystack Mountain School of Crafts are on the Sunshine side of Meadowbrook and would also be forced to detour.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, Tidal exceeds 1.2xBFW
Natural Bottom information; Banks within structure?	Type of bottom - Umaine analysis Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 51137
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	outreach to DEP, DOT staff
Habitat Opened/Improved	0.63 miles TWWH, IWWH
Fish present, source of info	sea run rainbow smelt, eels likely

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$400000 Requested: \$125000 Match: \$275000, 68.75%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-14- Deer Isle, Sunshine Road

DATE: 12/6/21, 12/10/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$10,000.00
Construction year	2022 (assumed, says 2021)
Feasibility for success; Additional efficiencies; Design concerns or clarification required	University of Maine Student Engineering Team. 58 page report includes extensive calculations justifying their recommendation for a 12 foot ID box culvert. ~150k in engineering donated
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-14- Deer Isle, Sunshine Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Deer Isle
Road name	Sunshine Road
Stream Name	Meadow Brook (tidal)
Existing Culvert Size & Material	4'Rx40'L CMP
Crossing Age	60
Bankfull width and method	8.4 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	12'Sx12'Hx40'L 4 Sided Concrete Box DOT: Yes, and consulted with Region Engineer

Estimated time to failure	<1 <i>Questionable, is it 1-3 or less than 1?</i>
Previous flooding or failure events, documentation, culvert condition, age	no overtopping but damage from flooding in last 10 years. During extreme storm events the culvert has been undermined. The most recent occurrence was 10/30/21. <i>Damage, recent storm event damage in fall 2021, sink holes in road.</i>
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 11.5 mile detour; 368 homes, 8 businesses <i>Very high home count, 8 businesses, pretty high local impacts, traffic.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-14- Deer Isle, Sunshine Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays A food processing facility, our only road construction company and the Haystack Mountain School of Crafts are on the Sunshine side of Meadowbrook and would also be forced to detour.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, Tidal exceeds 1.2xBFW
Natural Bottom information; Banks within structure?	Type of bottom - Umaine analysis Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 51137
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	outreach to DEP, DOT staff
Habitat Opened/Improved	0.63 miles TWWH, IWWH
Fish present, source of info	sea run rainbow smelt, eels likely. <i>DMR comment "Smelts, excellent location to conduct smelt restoration project", score 5.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$400000 Requested: \$125000 Match: \$275000, 68.75%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans <i>69% match, matching 275k from upcoming town mtg/budget, more detail on longitudinal profile needed.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-14- Deer Isle, Sunshine Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$10,000.00
Construction year	2022 (assumed, says 2021)
Feasibility for success; Additional efficiencies; Design concerns or clarification required	University of Maine Student Engineering Team. 58 page report includes extensive calculations justifying their recommendation for a 12 foot ID box culvert. ~150k in engineering donated
Other comments	Historic smelt, may not be accessible spawning habitat due to this culvert. Project opens up spawning habitat segment. Design could be better, open bottom? real longitudinal profile?, match slope, embedded properly?

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-14- Deer Isle, Sunshine Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

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Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Deer Isle
Road name	Sunshine Road
Stream Name	Meadow Brook (tidal)
Existing Culvert Size & Material	4'Rx40'L CMP
Crossing Age	60
Bankfull width and method	8.4 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	12'Sx12'Hx40'L 4 Sided Concrete Box DOT: Yes, and consulted with Region Engineer

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	no overtopping but damage from flooding in last 10 years. During extreme storm events the culvert has been undermined. The most recent occurrence was 10/30/21.
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 11.5 mile detour; 368 homes, 8 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

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BIDDER NAME: 2021R-14- Deer Isle, Sunshine Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays A food processing facility, our only road construction company and the Haystack Mountain School of Crafts are on the Sunshine side of Meadowbrook and would also be forced to detour.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
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New Structure considerations	
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Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	outreach to DEP, DOT staff
Habitat Opened/Improved	0.63 miles TWWH, IWWH
Fish present, source of info	sea run rainbow smelt, eels likely

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$400000 Requested: \$125000 Match: \$275000, 68.75%
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INDIVIDUAL EVALUATION NOTES**

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BIDDER NAME: 2021R-14- Deer Isle, Sunshine Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$10,000.00
Construction year	2022 (assumed, says 2021)
Feasibility for success; Additional efficiencies; Design concerns or clarification required	University of Maine Student Engineering Team. 58 page report includes extensive calculations justifying their recommendation for a 12 foot ID box culvert. ~150k in engineering donated
Other comments	Head of tide is just beyond the structure. Smelt spawning area just above head of tide. Not BFW in the traditional sense, but it's a crossing in a tidal area. Holes in culvert causing sinkholes in road surface. I like the idea of involving University of Maine engineering students.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-14- Deer Isle, Sunshine Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

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Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Deer Isle
Road name	Sunshine Road
Stream Name	Meadow Brook (tidal)
Existing Culvert Size & Material	4'Rx40'L CMP
Crossing Age	60
Bankfull width and method	8.4 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	12'Sx12'Hx40'L 4 Sided Concrete Box (Open Bottom would be better, but tidal crossing) DOT: Yes, and consulted with Region Engineer 😊

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	no overtopping but damage from flooding in last 10 years. During extreme storm events the culvert has been undermined. The most recent occurrence was 10/30/21.
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 11.5 mile detour; 368 homes, 8 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

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DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

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Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays A food processing facility, our only road construction company and the Haystack Mountain School of Crafts are on the Sunshine side of Meadowbrook and would also be forced to detour.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, Tidal exceeds 1.2xBFW
Natural Bottom information; Banks within structure?	Type of bottom - Umaine analysis Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 51137
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	outreach to DEP, DOT staff
Habitat Opened/Improved	0.63 miles TWWH, IWWH
Fish present, source of info	sea run rainbow smelt, eels likely

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$400000 Requested: \$125000 Match: \$275000, 68.75%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-14- Deer Isle, Sunshine Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$10,000.00
Construction year	2022 (assumed, says 2021)
Feasibility for success; Additional efficiencies; Design concerns or clarification required	University of Maine Student Engineering Team. 58 page report includes extensive calculations justifying their recommendation for a 12 foot ID box culvert. ~150k in engineering donated 😊
Other comments	Tidal Crossing, long detour lots of homes, questions on Bankfull crossing area due to tidal, No Brook Trout but Smelts.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-15- Dixmont, South Road

DATE: 12/6/21, 12/10/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Dixmont
Road name	South Road
Stream Name	Unnamed tributary to Olney Brook
Existing Culvert Size & Material	3.5'Rx44'L CMP
Crossing Age	unknown
Bankfull width and method	8 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	10'S8'Hx50'L Metal arch on concrete footers DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	No overtopping but does occasionally catch logs requiring cleaning. Undersized. The existing crossing is a corrugated metal structure and is showing signs of deterioration. Photos included. During recent heavy and repeated rain events in fall 2021, the und
Change in culvert width	Approx. 2.8 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, occasionally
Cut-offs or detours	Cut Offs: 0 Detours: 5.4 miles; 13 homes

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-15- Dixmont, South Road

DATE: 12/6/21, 12/10/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays The crossing has no safety barriers to prevent vehicles from leaving the roadway and plunging into the stream.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 1642
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW letter fo support, Olney Brook is a tributary to Marsh Stream, which is considered a priority habitat for restoration by The Nature Conservancy in partnership with NOAA Fisheries; funding from 1) The Nature Conservancy (private) 2) National Fish Passage Program grant (federal) 3) Eastern Brook Trout Joint Venture grant (federal)
Habitat Opened/Improved	2.14 miles Inland Wading Bird and Waterfowl Habitat Deer Wintering Areas, numerous special concern species
Fish present, source of info	wild brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$250000 Requested: \$125000 Match: \$125000, 50%,
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-15- Dixmont, South Road

DATE: 12/6/21, 12/10/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	No Contact
Costs over previous 10 years	\$-
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-15- Dixmont, South Road
DATE: 12/13/21
EVALUATOR NAME: Jim Stahlnecker
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:
I. Public Infrastructure Information/Public Safety

Town Name	Dixmont
Road name	South Road
Stream Name	Unnamed tributary to Olney Brook
Existing Culvert Size & Material	3.5'Rx44'L CMP
Crossing Age	unknown
Bankfull width and method	8 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	10'S8'Hx50'L Metal arch on concrete footers DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	No overtopping but does occasionally catch logs requiring cleaning. Undersized. The existing crossing is a corrugated metal structure and is showing signs of deterioration. Photos included. During recent heavy and repeated rain events in fall 2021, the undersized...
Change in culvert width	Approx. 2.8 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, occasionally. <i>Erosion, pictures 7, 8, recent rain damage.</i>
Cut-offs or detours	Cut Offs: 0 Detours: 5.4 miles; 13 homes <i>50 cars/day, few homes, no business, average detour.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-15- Dixmont, South Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays The crossing has no safety barriers to prevent vehicles from leaving the roadway and plunging into the stream.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 1642
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW letter fo support, Olney Brook is a tributary to Marsh Stream, which is considered a priority habitat for restoration by The Nature Conservancy in partnership with NOAA Fisheries; funding from 1) The Nature Conservancy (private) 2) National Fish Passage Program grant (federal) 3) Eastern Brook Trout Joint Venture grant (federal)
Habitat Opened/Improved	2.14 miles Inland Wading Bird and Waterfowl Habitat Deer Wintering Areas, numerous special concern species
Fish present, source of info	wild brook trout <i>Wild BKT, IF&W support letter/priority conservaton BKT habitat ranked 4, several partners in TNC, NOAA, two grants, barrier, moderate gain of 2.14 mi. US habitat. DMR comment "Adjacent to surveyed ATS spawning and rearing habitat; Tributary to Marsh Stream", Score 4.</i>

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-15- Dixmont, South Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$250000 Requested: \$125000 Match: \$125000, 50%,
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	No Contact
Costs over previous 10 years	\$-
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering
Other comments	<i>Plans look feasible, longitudinal profile, prelim plans, pebble counts, terrestrial banks, overall pretty good. Still need more funding. Resubmission.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-15- Dixmont, South Road
DATE: January 3, 2022
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Dixmont
Road name	South Road
Stream Name	Unnamed tributary to Olney Brook
Existing Culvert Size & Material	3.5'Rx44'L CMP
Crossing Age	unknown
Bankfull width and method	8 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	10'S8'Hx50'L Metal arch on concrete footers DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	No overtopping but does occasionally catch logs requiring cleaning. Undersized. The existing crossing is a corrugated metal structure and is showing signs of deterioration. Photos included. During recent heavy and repeated rain events in fall 2021, the und
Change in culvert width	Approx. 2.8 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, occasionally
Cut-offs or detours	Cut Offs: 0 Detours: 5.4 miles; 13 homes

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-15- Dixmont, South Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays The crossing has no safety barriers to prevent vehicles from leaving the roadway and plunging into the stream.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 1642
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW letter fo support, Olney Brook is a tributary to Marsh Stream, which is considered a priority habitat for restoration by The Nature Conservancy in partnership with NOAA Fisheries; funding from 1) The Nature Conservancy (private) 2) National Fish Passage Program grant (federal) 3) Eastern Brook Trout Joint Venture grant (federal)
Habitat Opened/Improved	2.14 miles Inland Wading Bird and Waterfowl Habitat Deer Wintering Areas, numerous special concern species
Fish present, source of info	wild brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$250000 Requested: \$125000 Match: \$125000, 50%,
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-15- Dixmont, South Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	No Contact
Costs over previous 10 years	\$-
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering
Other comments	Definitely a barrier. 3 sided box; nice letter of support from IFW; brookies are present?

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-15- Dixmont, South Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Dixmont
Road name	South Road
Stream Name	Unnamed tributary to Olney Brook
Existing Culvert Size & Material	3.5'Rx44'L CMP
Crossing Age	unknown
Bankfull width and method	8 ; Multiple Field Average 😊
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	10'S8'Hx50'L Metal arch on concrete footers DOT: Yes

Estimated time to failure	5-10 realistic
Previous flooding or failure events, documentation, culvert condition, age	No overtopping but does occasionally catch logs requiring cleaning. Undersized. The existing crossing is a corrugated metal structure and is showing signs of deterioration. Photos included. During recent heavy and repeated rain events in fall 2021, the und
Change in culvert width	Approx. 2.8 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, occasionally
Cut-offs or detours	Cut Offs: 0 Detours: 5.4 miles; 13 homes

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-15- Dixmont, South Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response delays The crossing has no safety barriers to prevent vehicles from leaving the roadway and plunging into the stream.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 1642
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW letter fo support, Olney Brook is a tributary to Marsh Stream, which is considered a priority habitat for restoration by The Nature Conservancy in partnership with NOAA Fisheries; funding from 1) The Nature Conservancy (private) 2) National Fish Passage Program grant (federal) 3) Eastern Brook Trout Joint Venture grant (federal) 😊
Habitat Opened/Improved	2.14 miles Inland Wading Bird and Waterfowl Habitat Deer Wintering Areas, numerous special concern species 😊
Fish present, source of info	wild brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$250000 Requested: \$125000 Match: \$125000, 50%,
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-15- Dixmont, South Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	No Contact
Costs over previous 10 years	\$-
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering 😊
Other comments	IF&W support, TNC support, Previously submitted,

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-16- Ellsworth, Red Bridge Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Ellsworth
Road name	Red Bridge Road
Stream Name	Branch Lake Stream
Existing Culvert Size & Material	17'Sx13'Hx68'L Pipe Arch
Crossing Age	47
Bankfull width and method	46.3 ; Stream Stats and MSHV model
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	50'Sx18'Hx75'L Metal arch on concrete footers DOT: Yes

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	Pipe is near the end of its lifespan based on inspections and life spans of similar structures. Pictures attached. 1/2 of BFW
Change in culvert width	Approx. 2.9 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	no listed homes, businesses emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-16- Ellsworth, Red Bridge Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Stream Stats and MSHV model Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD Preliminary plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Almost (1.07 x modelled BFW)
Natural Bottom information; Banks within structure?	Type of bottom - "Natural Earthen Substrate bottom" Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 50879
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW/DMR; input from Greg Burr- no fisheries concerns,
Habitat Opened/Improved	0 miles Brook trout habitat, within drainage of alewife pond, ATS rearing habitat (modelled) 4.4 units
Fish present, source of info	wild brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$725000 Requested: \$125000 Match: \$600000, 82.75%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$-
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-16- Ellsworth, Red Bridge Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$46K in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-16- Ellsworth, Red Bridge Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Ellsworth
Road name	Red Bridge Road
Stream Name	Branch Lake Stream
Existing Culvert Size & Material	17'Sx13'Hx68'L Pipe Arch
Crossing Age	47
Bankfull width and method	46.3 ; Stream Stats and MSHV model
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	50'Sx18'Hx75'L Metal arch on concrete footers DOT: Yes

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	Pipe is near the end of its lifespan based on inspections and life spans of similar structures. Pictures attached. 1/2 of BFW <i>some perforation noted, lower end?</i>
Change in culvert width	Approx. 2.9411764705882355 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	no listed homes, businesses emergency services <i>Some traffic volume (400+ cars/day) due to shortcut frequently used. Not much in area for homes, etc.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-16- Ellsworth, Red Bridge Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Stream Stats and MSHV model Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD Preliminary plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Almost (1.07 x modelled BFW)
Natural Bottom information; Banks within structure?	Type of bottom - "Natural Earthen Substrate bottom" Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 50879
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW/DMR; input from Greg Burr- no fisheries concerns, <i>IF&W said no need for passage here, not a priority apparently.</i>
Habitat Opened/Improved	<i>0.9 miles?? To upstream dam</i> Brook trout habitat, within drainage of alewife pond, ATS rearing habitat (modelled) 4.4 units, <i>suggested historic alewife habitat in Branch Lake. Moderate distance opened to other species like BKT.</i>
Fish present, source of info	wild brook trout, <i>DMR comment "A remnant dam was removed at the confluence of this stream with the Union River two years ago. Restoring connectivity at this location will build upon that work."</i> Score 4.

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$725000 Requested: \$125000 Match: \$600000, 82.75%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-16- Ellsworth, Red Bridge Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$46K in engineering <i>Significant eng. cost, planned for '22 construction season, 83% match but cost estimate seems low for 50' and requires DOT approval for span/ownership.</i>
Other comments	<i>Does not show stream banks in cross section plan. No other plans besides cross section plan, no plan view sketch. Calculated BFW 44+, does not meet 1.2 for design. MSHV or SS indicates 41 upstream barriers. Extremely long span proposed (50' 2"), workable & with DOT? Low confidence is DOT support, cost attainment.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-16- Ellsworth, Red Bridge Road
DATE: January 3, 2022
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Ellsworth
Road name	Red Bridge Road
Stream Name	Branch Lake Stream
Existing Culvert Size & Material	17'Sx13'Hx68'L Pipe Arch
Crossing Age	47
Bankfull width and method	46.3 ; Stream Stats and MSHV model
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	50'Sx18'Hx75'L Metal arch on concrete footers DOT: Yes

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	Pipe is near the end of its lifespan based on inspections and life spans of similar structures. Pictures attached. 1/2 of BFW
Change in culvert width	Approx. 2.9411764705882355 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	no listed homes, businesses emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-16- Ellsworth, Red Bridge Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Stream Stats and MSHV model Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD Preliminary plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Almost (1.07 x modelled BFW)
Natural Bottom information; Banks within structure?	Type of bottom - "Natural Earthen Substrate bottom" Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 50879
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW/DMR; input from Greg Burr- no fisheries concerns,
Habitat Opened/Improved	0 miles Brook trout habitat, within drainage of alewife pond, ATS rearing habitat (modelled) 4.4 units
Fish present, source of info	wild brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$725000 Requested: \$125000 Match: \$600000, 82.75%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$-
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-16- Ellsworth, Red Bridge Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$46K in engineering; can they build this large a structure for \$700,000?
Other comments	Barrier during low flows? I don't believe that there's a lot of support for passage through the dam at Branch Lake. Not sure what is going to happen to the dam at Leonard's Lake

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-16- Ellsworth, Red Bridge Road
DATE: 1/3/2022
EVALUATOR NAME: David A. Waddell
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:
I. Public Infrastructure Information/Public Safety

Town Name	Ellsworth
Road name	Red Bridge Road
Stream Name	Branch Lake Stream
Existing Culvert Size & Material	17'Sx13'Hx68'L Pipe Arch
Crossing Age	47
Bankfull width and method	46.3 ; Stream Stats and MSHV model WOW
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	50'Sx18'Hx75'L Metal arch on concrete footers DOT: Yes big crossing

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	Pipe is near the end of its lifespan based on inspections and life spans of similar structures. Pictures attached. 1/2 of BFW No flooding.
Change in culvert width	Approx. 2.9411764705882355 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	no listed homes, businesses emergency services Lack of information

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-16- Ellsworth, Red Bridge Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Stream Stats and MSHV model Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD Preliminary plans 😊
1.2 x BFW or Tidal analysis sizing, considerations performed	Almost (1.07 x modelled BFW)
Natural Bottom information; Banks within structure?	Type of bottom - "Natural Earthen Substrate bottom" Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 50879
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW/DMR; input from Greg Burr- no fisheries concerns,
Habitat Opened/Improved	0 miles 😞 Brook trout habitat, within drainage of alewife pond, ATS rearing habitat (modelled) 4.4 units
Fish present, source of info	wild brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$725000 Requested: \$125000 Match: \$600000, 82.75%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$-
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-16- Ellsworth, Red Bridge Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$46K in engineering 😞
Other comments	This seems like a project that will need discussion.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-17- Enfield, Mohawk Rd South

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Enfield
Road name	Mohawk Rd South
Stream Name	unnamed stream (Polloack Brook WS)
Existing Culvert Size & Material	4'Rx60'L CMP
Crossing Age	40
Bankfull width and method	5.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	8'WxTBD'Hx60'L Open bottom arch on footers DOT: n/a

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	undersized based on BFW measurments. Current culvert was repaired recently after a hole eroded in the top. Culvert dips in the middle, backwater upstream
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 5 miles; 54 homes detoured
Affected residents, business, affected critical infrastructure, other safety issues, traffic	residenital emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-17- Enfield, Mohawk Rd South

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes Plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier per photos Maine Stream Habitat Viewer ID: 0
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with fisheries agencies
Habitat Opened/Improved	0 miles brook floater habitat within 1 mile, ATS modelled habitat, pygmy snaketail
Fish present, source of info	likely present, none listed, eels

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$157000 Requested: \$125000 Match: \$32000, 20.38%
Engineering	To be stamped?: Yes Level of plan included: Plan View Sketch
Army Corp Permit info	No Contact
Costs over previous 10 years	\$15,000.00
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-17- Enfield, Mohawk Rd South

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$20000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-17- Enfield, Mohawk Rd South

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Enfield
Road name	Mohawk Rd South
Stream Name	unnamed stream (Pollock Brook WS) <i>Actually Penobscot R watershed</i>
Existing Culvert Size & Material	4'Rx60'L CMP
Crossing Age	40
Bankfull width and method	5.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	8'WxTBD'Hx60'L Open bottom arch on footers DOT: n/a

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	undersized based on BFW measurments. Current culvert was repaired recently after a hole eroded in the top. Culvert dips in the middle, backwater upstream
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 5 miles; 54 homes detoured <i>100 cars/day, low traffic volume.</i>
Affected residents, business, affected critical infrastructure, other safety issues, traffic	residenital emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-17- Enfield, Mohawk Rd South

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes Plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier per photos Maine Stream Habitat Viewer ID: 0
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with fisheries agencies
Habitat Opened/Improved	0 miles <i>0.7 mi. as upstream culvert is currently passable?</i> <i>Anadromous fish move brook floater,</i> brook floater habitat within 1 mile, ATS modelled habitat, pygmy snaketail.
Fish present, source of info	likely present, none listed, eels <i>No contact with fishery agencies, IF&W ranked 1, barrier based on photos provided in application. DMR comment "Not managed for sea-run species, but is in critical ATS habitat and is a tributary to the Penobscot River." Score 3.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$157000 Requested: \$125000 Match: \$32000, 20.38%
Engineering	To be stamped?: Yes Level of plan included: Plan View Sketch
Army Corp Permit info	No Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-17- Enfield, Mohawk Rd South

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$15,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$20000 in engineering
Other comments	<i>20% match, likely to proceed, contractor estimate, engineering may be high for this project scope.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-17- Enfield, Mohawk Rd South

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Enfield
Road name	Mohawk Rd South
Stream Name	unnamed stream (Polloack Brook WS)
Existing Culvert Size & Material	4'Rx60'L CMP
Crossing Age	40
Bankfull width and method	5.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	8'WxTBD'Hx60'L Open bottom arch on footers DOT: n/a

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	undersized based on BFW measurments. Current culvert was repaired recently after a hole eroded in the top. Culvert dips in the middle, backwater upstream
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 5 miles; 54 homes detoured
Affected residents, business, affected critical infrastructure, other safety issues, traffic	residenital emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-17- Enfield, Mohawk Rd South

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes Plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier per photos Maine Stream Habitat Viewer ID: 0
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with fisheries agencies
Habitat Opened/Improved	0 miles brook floater habitat within 1 mile, ATS modelled habitat, pygmy snaketail
Fish present, source of info	likely present, none listed, eels

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$157000 Requested: \$125000 Match: \$32000, 20.38%
Engineering	To be stamped?: Yes Level of plan included: Plan View Sketch
Army Corp Permit info	No Contact
Costs over previous 10 years	\$15,000.00
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-17- Enfield, Mohawk Rd South

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$20000 in engineering;
Other comments	This is the nicer of the two streams on Mohawk Road; second time we've reviewed a proposal for this crossing; much better than last time

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-17- Enfield, Mohawk Rd South

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Enfield
Road name	Mohawk Rd South
Stream Name	unnamed stream (Polloack Brook WS)
Existing Culvert Size & Material	4'Rx60'L CMP
Crossing Age	40
Bankfull width and method	5.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	8'WxTBD'Hx60'L Open bottom arch on footers 😊 DOT: n/a

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	undersized based on BFW measurments. Current culvert was repaired recently after a hole eroded in the top. Culvert dips in the middle, backwater upstream No flooding
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 5 miles; 54 homes detoured
Affected residents, business, affected critical infrastructure, other safety issues, traffic	residenital emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-17- Enfield, Mohawk Rd South

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes Plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier per photos Maine Stream Habitat Viewer ID: 0
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with fisheries agencies 😞
Habitat Opened/Improved	0 miles brook floater habitat within 1 mile, ATS modelled habitat, pygmy snaketail
Fish present, source of info	likely present, none listed, eels

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$157000 Requested: \$125000 Match: \$32000, 20.38%
Engineering	To be stamped?: Yes Level of plan included: Plan View Sketch
Army Corp Permit info	No Contact
Costs over previous 10 years	\$15,000.00
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-17- Enfield, Mohawk Rd South

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$20000 in engineering 😞
Other comments	Moderate detour and 50+ homes,

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-18- Enfield, Mohawk Rd North

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Enfield
Road name	Mohawk Rd North
Stream Name	unnamed stream (Polloack Brook WS)
Existing Culvert Size & Material	4.5'Rx56'L CMP
Crossing Age	40
Bankfull width and method	7.2'; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9'SxTBD'Hx65'L Open bottom arch on footers DOT: n/a

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Overtopped road approximately 4 times in last 10 years, regularly obstructed. Flood damage photos included. Road closed for 3 days in 2019 due to flooding. Culvert was damaged/curled up, roadway slumping
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 5 miles; 54 homes detoured
Affected residents, business, affected critical infrastructure, other safety issues, traffic	residential emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-18- Enfield, Mohawk Rd North

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes Plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier per photos Maine Stream Habitat Viewer ID: 0
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with fisheries agencies
Habitat Opened/Improved	0 miles brook floater habitat within 1 mile, ATS modelled habitat
Fish present, source of info	likely present, none listed, eels

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$175000 Requested: \$125000 Match: \$50000, 28.5%,
Engineering	To be stamped?: Yes Level of plan included: Plan View Sketch
Army Corp Permit info	No Contact
Costs over previous 10 years	\$15,000.00
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-18- Enfield, Mohawk Rd North

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$20000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-18- Enfield, Mohawk Rd North

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Enfield
Road name	Mohawk Rd North
Stream Name	unnamed stream (Pollock Brook WS) <i>actually direct trib to Penobscot River</i>
Existing Culvert Size & Material	4.5'Rx56'L CMP
Crossing Age	40
Bankfull width and method	7.2'; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9'SxTBD'Hx65'L Open bottom arch on footers DOT: n/a

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Overtopped road approximately 4 times in last 10 years, regularly obstructed. Flood damage photos included. Road closed for 3 days in 2019 due to flooding. Culvert was damaged/curled up, roadway slumping
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 5 miles; 54 homes detoured <i>100 cars/day low traffic volume.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-18- Enfield, Mohawk Rd North

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	residential emergency services
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average <i>Good</i> . Longitudinal profile of stream beyond culvert influence completed? : Yes Plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes <i>Based on field measurements. Scour & footings not explained.</i>
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier per photos Maine Stream Habitat Viewer ID: 0
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with fisheries agencies
Habitat Opened/Improved	0 miles <i>Not much for habitat above.</i> brook floater habitat within 1 mile, ATS modelled habitat
Fish present, source of info	likely present, none listed, eels <i>Photos suggest barrier, brook floater require anadromous fish for life cycle/access to habitat. DMR comment "Not a mapped stream and no information on management. In critical ATS habitat and is a tributary to the Penobscot River." Score 3.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$175000 Requested: \$125000 Match: \$50000, 28.5%,
Engineering	To be stamped?: Yes Level of plan included: Plan View Sketch

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-18- Enfield, Mohawk Rd North

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	No Contact
Costs over previous 10 years	\$15,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$20000 in engineering
Other comments	<i>Not final design but on the right track, plus with open bottom. Similar feasibility to other Enfield project.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-18- Enfield, Mohawk Rd North

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Enfield
Road name	Mohawk Rd North
Stream Name	unnamed stream (Polloack Brook WS)
Existing Culvert Size & Material	4.5'Rx56'L CMP
Crossing Age	40
Bankfull width and method	7.2'; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9'SxTBD'Hx65'L Open bottom arch on footers DOT: n/a

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Overtopped road approximately 4 times in last 10 years, regularly obstructed. Flood damage photos included. Road closed for 3 days in 2019 due to flooding. Culvert was damaged/curled up, roadway slumping
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 5 miles; 54 homes detoured
Affected residents, business, affected critical infrastructure, other safety issues, traffic	residential emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-18- Enfield, Mohawk Rd North

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes Plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier per photos Maine Stream Habitat Viewer ID: 0
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with fisheries agencies
Habitat Opened/Improved	0 miles brook floater habitat within 1 mile, ATS modelled habitat
Fish present, source of info	likely present, none listed, eels

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$175000 Requested: \$125000 Match: \$50000, 28.5%,
Engineering	To be stamped?: Yes Level of plan included: Plan View Sketch
Army Corp Permit info	No Contact
Costs over previous 10 years	\$15,000.00
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-18- Enfield, Mohawk Rd North

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$20000 in engineering
Other comments	I have visited this site in the past. It's more of a backwater than a stream. Much better proposal than last year's.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-18- Enfield, Mohawk Rd North

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Enfield
Road name	Mohawk Rd North
Stream Name	unnamed stream (Polloack Brook WS)
Existing Culvert Size & Material	4.5'Rx56'L CMP
Crossing Age	40
Bankfull width and method	7.2'; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9'SxTBD'Hx65'L Open bottom arch on footers DOT: n/a

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Overtopped road approximately 4 times in last 10 years, regularly obstructed. Flood damage photos included. Road closed for 3 days in 2019 due to flooding. Culvert was damaged/curled up, roadway slumping
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 5 miles; 54 homes detoured
Affected residents, business, affected critical infrastructure, other safety issues, traffic	residential emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-18- Enfield, Mohawk Rd North

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes Plan view 😊
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier per photos Maine Stream Habitat Viewer ID: 0
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with fisheries agencies 😞
Habitat Opened/Improved	0 miles brook floater habitat within 1 mile, ATS modelled habitat 😞
Fish present, source of info	likely present, none listed, eels 😞

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$175000 Requested: \$125000 Match: \$50000, 28.5%,
Engineering	To be stamped?: Yes Level of plan included: Plan View Sketch
Army Corp Permit info	No Contact
Costs over previous 10 years	\$15,000.00
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-18- Enfield, Mohawk Rd North

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$20000 in engineering 😞
Other comments	Moderate detour and 50+ homes,

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-19- Garland, Campbell Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Garland
Road name	Campbell Road
Stream Name	Otis Brook
Existing Culvert Size & Material	6'Dx44'L; 3'Dx44'L CMP
Crossing Age	50+, 36
Bankfull width and method	15.6 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	22'Sx11.5'Hx35'L Bridge DOT: Yes, Design reviewed

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	Although the culvert does not overflow, it frequently backs up and floods the upstream area, inundating low lying areas near the road. The existing culvert pipes are corroded and breaking up. There are holes in the inverts and sides of the culverts. The e
Change in culvert width	Approx. 2.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 6 miles; 40 homes detoured

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-19- Garland, Campbell Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services Occurrences of increased torrential rain and spring flow will likely increase, and will over flow the road.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 1513
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	3.55 miles ATS DPS, ATS CH, ATS Modelled habitat Type 1 &3 49.12 units, IWWH
Fish present, source of info	"This stream had blacknose dace, creek chub, and white sucker." Jason Seiders, Fisheries Resource Supervisor, Maine Dept of Inland Fisheries & Wildlife

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$187500 Requested: \$125000 Match: \$62500, 33.3%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-19- Garland, Campbell Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$-
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$17500 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-19- Garland, Campbell Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Garland
Road name	Campbell Road
Stream Name	Otis Brook
Existing Culvert Size & Material	6'Dx44'L; 3'Dx44'L CMP
Crossing Age	50+, 36
Bankfull width and method	15.6 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	22'Sx11.5'Hx35'L Bridge DOT: Yes, Design reviewed

Estimated time to failure	3-5 <i>Interior falling apart in photos, corroded, bad backfill suspected?</i>
Previous flooding or failure events, documentation, culvert condition, age	Although the culvert does not overflow, it frequently backs up and floods the upstream area, inundating low lying areas near the road. The existing culvert pipes are corroded and breaking up. There are holes in the inverts and sides of the culverts. Squatting.
Change in culvert width	Approx. 2.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 6 miles; 40 homes detoured <i>Moderate detour, quite a few homes.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-19- Garland, Campbell Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services Occurrences of increased torrential rain and spring flow will likely increase, and will over flow the road.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 1513
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	3.55 miles <i>Good distance opened, little fish resource, no CW fisheries, no documented BKT.</i> ATS DPS, ATS CH, ATS Modelled habitat Type 1 & 3 49.12 units, IWWH <i>Within ATS distinct pop. Segment, moderate number of hab units,</i>
Fish present, source of info	"This stream had blacknose dace, creek chub, and white sucker." Jason Seiders, Fisheries Resource Supervisor, Maine Dept of Inland Fisheries & Wildlife <i>Not much for species of import. DMR comment "Not managed for sea-run species, but is within critical habitat and adjacent to management. Above Garland Pond." Score 2.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$187500 Requested: \$125000 Match: \$62500, 33.3%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-19- Garland, Campbell Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$-
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$17500 in engineering <i>33% match, engineering reasonable, funding uncertain in app.</i>
Other comments	<i>Good plans, looks pretty workable, one question re: upstream wing walls??</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-19- Garland, Campbell Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

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Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Garland
Road name	Campbell Road
Stream Name	Otis Brook
Existing Culvert Size & Material	6'Dx44'L; 3'Dx44'L CMP
Crossing Age	50+, 36
Bankfull width and method	15.6 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	22'Sx11.5'Hx35'L Bridge DOT: Yes, Design reviewed

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	Although the culvert does not overflow, it frequently backs up and floods the upstream area, inundating low lying areas near the road. The existing culvert pipes are corroded and breaking up. There are holes in the inverts and sides of the culverts. The e
Change in culvert width	Approx. 2.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 6 miles; 40 homes detoured

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-19- Garland, Campbell Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services Occurrences of increased torrential rain and spring flow will likely increase, and will over flow the road.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 1513
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	3.55 miles ATS DPS, ATS CH, ATS Modelled habitat Type 1 &3 49.12 units, IWWH
Fish present, source of info	"This stream had blacknose dace, creek chub, and white sucker." Jason Seiders, Fisheries Resource Supervisor, Maine Dept of Inland Fisheries & Wildlife

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$187500 Requested: \$125000 Match: \$62500, 33.3%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-19- Garland, Campbell Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$-
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$17500 in engineering
Other comments	Moderate value IWWH upstream; good thorough design; warmwater fishery

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-19- Garland, Campbell Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Garland
Road name	Campbell Road
Stream Name	Otis Brook
Existing Culvert Size & Material	6'Dx44'L; 3'Dx44'L CMP
Crossing Age	50+, 36
Bankfull width and method	15.6 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	22'Sx11.5'Hx35'L Bridge 😊 DOT: Yes, Design reviewed 😊

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	Although the culvert does not overflow, it frequently backs up and floods the upstream area , inundating low lying areas near the road. The existing culvert pipes are corroded and breaking up. There are holes in the inverts and sides of the culverts. The e
Change in culvert width	Approx. 2.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 6 miles; 40 homes detoured

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-19- Garland, Campbell Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services Occurrences of increased torrential rain and spring flow will likely increase, and will over flow the road.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 1513
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	3.55 miles ATS DPS, ATS CH, ATS Modelled habitat Type 1 &3 49.12 units, IWWH
Fish present, source of info	"This stream had blacknose dace, creek chub, and white sucker." Jason Seiders, Fisheries Resource Supervisor, Maine Dept of Inland Fisheries & Wildlife 😊

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$187500 Requested: \$125000 Match: \$62500, 33.3%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-19- Garland, Campbell Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$-
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$17500 in engineering 😊
Other comments	Design looks good, Support from TNC, Concerns over upstream armouring

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-20- Garland, Oliver Hill Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Garland
Road name	Oliver Hill Road
Stream Name	Unnamed trib to Kenduskag Stream
Existing Culvert Size & Material	6'Dx40'L CMP
Crossing Age	40
Bankfull width and method	13.9 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	18'Sx10.4'Hx49'L Bridge DOT: Yes

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No flooding indicated but HW/D of 1.0 (i.e. full flowing culvert) is 200 cfs, less than Q25. Currently erosion on the road bank above the inlet, signs of corrosion, and squatting. Downstream channel is undercutting road embankment.
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 4.7 miles; 50 homes, 1 business

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-20- Garland, Oliver Hill Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services. This roadway is used as a bypass from Garland center to Dover-Foxcroft. Concerns that the existing culvert is significantly undersized and will eventually wash out as storm intensities increase.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 1293
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	3.1 miles ATS DPS, ATS CH, ATS Modelled habitat Type 1 19.58 units, IWWH, Brook trout habitat
Fish present, source of info	"This stream had blacknose dace, creek chub, and white sucker." Jason Seiders, Fisheries Resource Supervisor, Maine DIFW 5.

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$207500 Requested: \$125000 Match: \$82500, 39.75%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-20- Garland, Oliver Hill Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$17500 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-20- Garland, Oliver Hill Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

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Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Garland
Road name	Oliver Hill Road
Stream Name	Unnamed trib to Kenduskag Stream
Existing Culvert Size & Material	6'Dx40'L CMP
Crossing Age	40
Bankfull width and method	13.9 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	18'Sx10.4'Hx49'L Bridge DOT: Yes

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No flooding indicated but HW/D of 1.0 (i.e. full flowing culvert) is 200 cfs, less than Q25. Currently erosion on the road bank above the inlet, signs of corrosion, and squatting. Downstream channel is undercutting road embankment. <i>No flooding but demonstrated need re: condition of existing.</i>
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 4.7 miles; 50 homes, 1 business <i>Moderate detour, 50 homes, 900 cars/day traffic count (calculated), upstream beaver dam issue.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-20- Garland, Oliver Hill Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services. This roadway is used as a bypass from Garland center to Dover-Foxcroft. Concerns that the existing culvert is significantly undersized and will eventually wash out as storm intensities increase.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 1293
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	3.1 miles ATS DPS, ATS CH, ATS Modelled habitat Type 1 19.58 units, IWWH, Brook trout habitat <i>Temps could support BKT, good amount of habitat, no BKT surveyed by IF&W, but good potential. Connected to DS project on same stream. Makes habitat opened more than 6 mi., upstream east branch may be unobstructed much of the time (US barrier only partial?). DMR comment "Not managed for sea-run species, but is within critical habitat and adjacent to management. Above Garland Pond." Score 2.</i>
Fish present, source of info	"This stream had blacknose dace, creek chub, and white sucker." Jason Seiders, Fisheries Resource Supervisor, Maine DIFW 5.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-20- Garland, Oliver Hill Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$207500 Requested: \$125000 Match: \$82500, 39.75%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$17500 in engineering <i>40% match, matching project funds planned/in place.</i>
Other comments	<i>Good attempt to address skew, coffer dams noted which is great, plans seem to address specific site conditions. Plan to address beaver dam too.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-20- Garland, Oliver Hill Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Garland
Road name	Oliver Hill Road
Stream Name	Unnamed trib to Kenduskag Stream
Existing Culvert Size & Material	6'Dx40'L CMP
Crossing Age	40
Bankfull width and method	13.9 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	18'Sx10.4'Hx49'L Bridge DOT: Yes

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No flooding indicated but HW/D of 1.0 (i.e. full flowing culvert) is 200 cfs, less than Q25. Currently erosion on the road bank above the inlet, signs of corrosion, and squatting. Downstream channel is undercutting road embankment.
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 4.7 miles; 50 homes, 1 business

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-20- Garland, Oliver Hill Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services. This roadway is used as a bypass from Garland center to Dover-Foxcroft. Concerns that the existing culvert is significantly undersized and will eventually wash out as storm intensities increase.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 1293
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	3.1 miles ATS DPS, ATS CH, ATS Modelled habitat Type 1 19.58 units, IWWH, Brook trout habitat
Fish present, source of info	"This stream had blacknose dace, creek chub, and white sucker." Jason Seiders, Fisheries Resource Supervisor, Maine DIFW 5.

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$207500 Requested: \$125000 Match: \$82500, 39.75%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-20- Garland, Oliver Hill Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$17500 in engineering
Other comments	No trout although it looks "trouty"; good thorough design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-20- Garland, Oliver Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Garland
Road name	Oliver Hill Road
Stream Name	Unnamed trib to Kenduskag Stream
Existing Culvert Size & Material	6'Dx40'L CMP
Crossing Age	40
Bankfull width and method	13.9 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	18'Sx10.4'Hx49'L Bridge DOT: Yes

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No flooding indicated but HW/D of 1.0 (i.e. full flowing culvert) is 200 cfs, less than Q25. Currently erosion on the road bank above the inlet, signs of corrosion, and squatting. Downstream channel is undercutting road embankment.
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 4.7 miles; 50 homes, 1 business

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-20- Garland, Oliver Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services. This roadway is used as a bypass from Garland center to Dover-Foxcroft. Concerns that the existing culvert is significantly undersized and will eventually wash out as storm intensities increase.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 1293
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	3.1 miles ATS DPS, ATS CH, ATS Modelled habitat Type 1 19.58 units, IWWH, Brook trout habitat
Fish present, source of info	"This stream had blacknose dace, creek chub, and white sucker." Jason Seiders, Fisheries Resource Supervisor, Maine DIFW 5.

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$207500 Requested: \$125000 Match: \$82500, 39.75%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-20- Garland, Oliver Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$17500 in engineering 😞
Other comments	Design looks good, Support from TNC, pump around shown, alignment??

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-21- Gorham, Westcott Road
DATE: 12/6/21 12/13/21
EVALUATOR NAME: John Maclaine
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Gorham
Road name	Westcott Road
Stream Name	North Branch Little River
Existing Culvert Size & Material	10'Dx52'L CMP
Crossing Age	unknown
Bankfull width and method	16.7' ; unable to complete field work, used modelled 16.7' for sizing
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	20'Sx10'Hx52'L Open bottom concrete box DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	No flooding but is stream "pinch point" . This year (2021), the MDOT posted a weight restriction of 22 tons as the culvert invert is deteriorating and the top of culvert is deflected.
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 8.1 miles; 7 homes, 1 business detoured
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services heavy truck traffic, increasing development

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-21- Gorham, Westcott Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: unable to complete field work, used modelled 16.7' for sizing Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD Plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on MSHV, need more info
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8722
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No Fisheries agency contact, but "According to Matt Craig of the Casco Bay Estuary Partnership, addressing this crossing would remove a potential barrier to aquatic organisms identified in the Maine Stream Habitat Viewer which would improve habitat connectivity in this sub-watershed of the Presumpscot River with anticipated benefits to wild Eastern Brown Trout and anadromous species."
Habitat Opened/Improved	1.08 miles Wild brook trout
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$500000 Requested: \$125000 Match: \$375000, 75%,
Engineering	To be stamped?: Yes Level of plan included: Site Plan Sketch
Army Corp Permit info	No Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-21- Gorham, Westcott Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$15,000.00
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$35,000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-21- Gorham, Westcott Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

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Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Gorham
Road name	Westcott Road
Stream Name	North Branch Little River
Existing Culvert Size & Material	10'Dx52'L CMP
Crossing Age	unknown
Bankfull width and method	16.7' ; unable to complete field work, used modelled 16.7' for sizing
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	20'Sx10'Hx52'L Open bottom concrete box DOT: Yes

Estimated time to failure	1-3, <i>No pics of culvert condition, so no sign of deterioration.</i>
Previous flooding or failure events, documentation, culvert condition, age	No flooding but is stream "pinch point" . This year (2021), the MDOT posted a weight restriction of 22 tons as the culvert invert is deteriorating and the top of culvert is deflected. <i>These problems are not shown in pics. No flooding documented.</i>
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 8.1 miles; 7 homes, 1 business detoured <i>Few homes, one business, no cuts, mid detour.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-21- Gorham, Westcott Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services heavy truck traffic, increasing development <i>308 cars/day</i> ,
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: unable to complete field work, used modelled 16.7' for sizing Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD Plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on MSHV, need more info
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8722
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No Fisheries agency contact, but "According to Matt Craig of the Casco Bay Estuary Partnership, addressing this crossing would remove a potential barrier to aquatic organisms identified in the Maine Stream Habitat Viewer which would improve habitat connectivity in this sub-watershed of the Presumpscot River with anticipated benefits to wild Eastern Brown Trout and anadromous species."
Habitat Opened/Improved	1.08 miles Wild brook trout
Fish present, source of info	brook trout <i>Just over one mile of habitat opened, potential barrier?, potential BKT benefit, M Craig CBEP comments. IF&W comments indicate good BKT habitat. DMR comment "Not managed for sea-run species. Tributary below Sebago Lake." Score 0.</i>

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-21- Gorham, Westcott Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$500000 Requested: \$125000 Match: \$375000, 0.75,
Engineering	To be stamped?: Yes Level of plan included: Site Plan Sketch
Army Corp Permit info	No Contact
Costs over previous 10 years	\$15,000.00
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$35,000 in engineering <i>75% match, somewhat light application in detail/field work. 35k eng. fairly high (10%), funds need to come from town budget/meeting.</i>
Other comments	<i>Design plan is very light, "stylized", not much detail. Open bottom, no pebble count, just sketch, banks proposed, no longitudinal profile, BFW was modelled value. Little field work.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-21- Gorham, Westcott Road
DATE: January 3, 2022
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Gorham
Road name	Westcott Road
Stream Name	North Branch Little River
Existing Culvert Size & Material	10'Dx52'L CMP
Crossing Age	unknown
Bankfull width and method	16.7' ; unable to complete field work, used modelled 16.7' for sizing
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	20'Sx10'Hx52'L Open bottom concrete box DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	No flooding but is stream "pinch point" . This year (2021), the MDOT posted a weight restriction of 22 tons as the culvert invert is deteriorating and the top of culvert is deflected.
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 8.1 miles; 7 homes, 1 business detoured
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services heavy truck traffic, increasing development

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-21- Gorham, Westcott Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: unable to complete field work, used modelled 16.7' for sizing Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD Plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on MSHV, need more info
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8722
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No Fisheries agency contact, but "According to Matt Craig of the Casco Bay Estuary Partnership, addressing this crossing would remove a potential barrier to aquatic organisms identified in the Maine Stream Habitat Viewer which would improve habitat connectivity in this sub-watershed of the Presumpscot River with anticipated benefits to wild Eastern Brown Trout and anadromous species."
Habitat Opened/Improved	1.08 miles Wild brook trout
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$500000 Requested: \$125000 Match: \$375000, 0.75,
Engineering	To be stamped?: Yes Level of plan included: Site Plan Sketch
Army Corp Permit info	No Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-21- Gorham, Westcott Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$15,000.00
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$35,000 in engineering
Other comments	Brook trout and it's southern Maine; crossing posted by MDOT

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-21- Gorham, Westcott Road
DATE: 1/3/2022
EVALUATOR NAME: David A. Waddell
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Gorham
Road name	Westcott Road
Stream Name	North Branch Little River
Existing Culvert Size & Material	10'Dx52'L CMP
Crossing Age	unknown
Bankfull width and method	16.7; unable to complete field work, used modelled 16.7' for sizing
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	20'Sx10'Hx52'L Open bottom concrete box 😊 DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	No flooding but is stream "pinch point" . This year (2021), the MDOT posted a weight restriction of 22 tons as the culvert invert is deteriorating and the top of culvert is deflected.
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 8.1 miles; 7 homes, 1 business detoured
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services heavy truck traffic, increasing development

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-21- Gorham, Westcott Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: unable to complete field work, used modelled 16.7' for sizing Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD Plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on MSHV, need more info
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8722
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No Fisheries agency contact, but "According to Matt Craig of the Casco Bay Estuary Partnership, addressing this crossing would remove a potential barrier to aquatic organisms identified in the Maine Stream Habitat Viewer which would improve habitat connectivity in this sub-watershed of the Presumpscot River with anticipated benefits to wild Eastern Brown Trout and anadromous species."
Habitat Opened/Improved	1.08 miles 😊 Wild brook trout
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$500000 Requested: \$125000 Match: \$375000, 0.75,
Engineering	To be stamped?: Yes Level of plan included: Site Plan Sketch
Army Corp Permit info	No Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-21- Gorham, Westcott Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$15,000.00
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$35,000 in engineering 😞
Other comments	Support from Casco Bay Estuary Partnership, pedestrian bridge looks undersized too,

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-22- Hartland, Beans Corner Road II

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Hartland
Road name	Beans Corner Road II
Stream Name	Thompson Brook
Existing Culvert Size & Material	3's'4'Hx28'L Concrete Box
Crossing Age	96
Bankfull width and method	9.2 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	11.5'Sx9.3'Hx48'L Open bottom concrete box DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no flooding but crossing is undersized. Concrete headwalls are cracked; downstream headwall is leaning out, with one granite block. Culvert is barely longer than road width and has steep slope from road grade to top of headwall with no shoulder on which
Change in culvert width	Approx. 3.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 5 miles; 100 homes, 3 critical infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-22- Hartland, Beans Corner Road II

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services Central Maine Power has a sub-station located approximately 0.8 miles south of the site on Beans Corner Road. Distribution lines from this are a primary source of 3-phase power to the town of Hartland, including a nursing home and mill complex
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 16699
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW, no info available
Habitat Opened/Improved	0.4 miles Atlantic salmon modelled habitat class 1 5.61 units, IWWH
Fish present, source of info	unknown

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$143500 Requested: \$125000 Match: \$18500, 12.9%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-22- Hartland, Beans Corner Road II

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Application submitted
Costs over previous 10 years	\$3,000.00
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$18500 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-22- Hartland, Beans Corner Road II

DATE: 12/13/21

EVALUATOR NAME: Jjim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Hartland
Road name	Beans Corner Road II
Stream Name	Thompson Brook
Existing Culvert Size & Material	3's'4'Hx28'L Concrete Box
Crossing Age	96
Bankfull width and method	9.2 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	11.5'Sx9.3'Hx48'L Open bottom concrete box DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no flooding but crossing is undersized. Concrete headwalls are cracked; downstream headwall is leaning out, with one granite block. Culvert is barely longer than road width and has steep slope from road grade to top of headwall with no shoulder. 96 yrs. age, narrow road above/guardrail questionable. Not in terrible condition for age.
Change in culvert width	Approx. 3.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 5 miles; 100 homes, 3 critical infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-22- Hartland, Beans Corner Road II

DATE: 12/13/21

EVALUATOR NAME: Jjim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services Central Maine Power has a sub-station located approximately 0.8 miles south of the site on Beans Corner Road. Distribution lines from this are a primary source of 3-phase power to the town of Hartland, including a nursing home and mill complex. <i>188 cars/day, lower traffic.</i>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 16699
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW, no info available
Habitat Opened/Improved	0.4 miles Atlantic salmon modelled habitat class 1 5.61 units, IWWH <i>Partial blockage DS at next crossing, not BKT value via IF&W, but just modelled habitat for ATS & few units too.</i>
Fish present, source of info	Unknown <i>Only modelled ATS, IF&W score 1, no IF&W fish info/known. DMR comment "Not managed for sea-run species, but is a tributary to the Sebasticook River." Score 1.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$143500 Requested: \$125000 Match: \$18500, 12.9%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-22- Hartland, Beans Corner Road II

DATE: 12/13/21

EVALUATOR NAME: Jjim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$3,000.00
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$18500 in engineering <i>Town engineering, cost from in kind and road budget.</i>
Other comments	<i>Good multiple field average, but went 11.5 ft., meets 1.2, no constriction problems, some channel straightening, scour line and gradient, utilizing silt curtains.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-22- Hartland, Beans Corner Road II

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Hartland
Road name	Beans Corner Road II
Stream Name	Thompson Brook
Existing Culvert Size & Material	3's'4'Hx28'L Concrete Box
Crossing Age	96
Bankfull width and method	9.2 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	11.5'Sx9.3'Hx48'L Open bottom concrete box DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no flooding but crossing is undersized. Concrete headwalls are cracked; downstream headwall is leaning out, with one granite block. Culvert is barely longer than road width and has steep slope from road grade to top of headwall with no shoulder on which
Change in culvert width	Approx. 3.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 5 miles; 100 homes, 3 critical infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-22- Hartland, Beans Corner Road II

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services Central Maine Power has a sub-station located approximately 0.8 miles south of the site on Beans Corner Road. Distribution lines from this are a primary source of 3-phase power to the town of Hartland, including a nursing home and mill complex
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 16699
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW, no info available
Habitat Opened/Improved	0.4 miles Atlantic salmon modelled habitat class 1 5.61 units, IWWH
Fish present, source of info	unknown

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$143500 Requested: \$125000 Match: \$18500, 12.9%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-22- Hartland, Beans Corner Road II

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Application submitted
Costs over previous 10 years	\$3,000.00
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$18500 in engineering
Other comments	Barrier less than a mile downstream; crossing 100 years old? Looks bomb proof; Pretty little stream. Match?

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-22- Hartland, Beans Corner Road II

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Hartland
Road name	Beans Corner Road II
Stream Name	Thompson Brook
Existing Culvert Size & Material	3's'4'Hx28'L Concrete Box
Crossing Age	96
Bankfull width and method	9.2 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	11.5'Sx9.3'Hx48'L Open bottom concrete box 😊 DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no flooding but crossing is undersized. Concrete headwalls are cracked; downstream headwall is leaning out, with one granite block. Culvert is barely longer than road width and has steep slope from road grade to top of headwall with no shoulder on which
Change in culvert width	Approx. 3.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 5 miles; 100 homes, 3 critical infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-22- Hartland, Beans Corner Road II

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>emergency services</p> <p>Central Maine Power has a sub-station located approximately 0.8 miles south of the site on Beans Corner Road. Distribution lines from this are a primary source of 3-phase power to the town of Hartland, including a nursing home and mill complex</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	<p>Bankfull width method: Multiple Field Average</p> <p>Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans</p>
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	<p>Type of bottom - Pebble count</p> <p>Banks? - Yes</p>
New Structure considerations	
Barrier status, source	<p>Potential Barrier</p> <p>Maine Stream Habitat Viewer ID: 16699</p>
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW, no info available
Habitat Opened/Improved	<p>0.4 miles</p> <p>Atlantic salmon modelled habitat class 1 5.61 units, IWWH 😊</p>
Fish present, source of info	Unknown 😞

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	<p>Total: \$143500</p> <p>Requested: \$125000</p> <p>Match: \$18500, 12.9%</p>
Engineering	<p>To be stamped?: Yes</p> <p>Level of plan included: Preliminary Design</p>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-22- Hartland, Beans Corner Road II

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Application submitted
Costs over previous 10 years	\$3,000.00
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$18500 in engineering
Other comments	Good design , pump locations shown on plan, Old structure,

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-23- Levant, Horseback Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Levant
Road name	Horseback Road
Stream Name	Black Stream
Existing Culvert Size & Material	16.5'Wx9.1'Hx66'L Pipe arch
Crossing Age	60
Bankfull width and method	21.9 ; Stream Stats and MSHV model
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	26'Sx11'Hx66'L Multiplate Pipe Arch DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	no flooding annual cleaning required. Culvert deteriorating with small holes a rusting, deformation
Change in culvert width	Approx. 1.5 x
Design meets DOT 100-year flood standard	Yes?
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 10 miles; 37 homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services sagging indicates issues under road. Major connector in Levant and Stetson, multiple crossings before entering Kenduskeag Stream

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-23- Levant, Horseback Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Stream Stats and MSHV model Longitudinal profile of stream beyond culvert influence completed? : Yes Site plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on Stream Stats, need more info
Natural Bottom information; Banks within structure?	Type of bottom - "natural stone" Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 1582
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no IFW response. DMR: not managed for salmon, but have had some in watershed, not expected to use area above Hermon Pond
Habitat Opened/Improved	13.67 miles Brook trout habitat, IWWH, ATS CH, ATS modelled habitat
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$200000 Requested: \$125000 Match: \$75000, 37.5%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	No Contact
Costs over previous 10 years	\$15,300.00
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-23- Levant, Horseback Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-23- Levant, Horseback Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Levant
Road name	Horseback Road
Stream Name	Black Stream
Existing Culvert Size & Material	16.5'Wx9.1'Hx66'L Pipe arch
Crossing Age	60
Bankfull width and method	21.9 ; Stream Stats and MSHV model
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	26'Sx11'Hx66'L Multiplate Pipe Arch DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	no flooding annual cleaning required. Culvert deteriorating with small holes a rusting, deformation <i>Road noted as sagging. Arch appears in fair condition, some rust in invert, beaver dam debris issue.</i>
Change in culvert width	Approx. 1.5 x
Design meets DOT 100-year flood standard	Yes?
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 10 miles; 37 homes <i>Fairly average detour, moderate homes, but 665 cars/day for traffic (connector road).</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-23- Levant, Horseback Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services sagging indicates issues under road. Major connector in Levant and Stetson, multiple crossings before entering Kenduskeag Stream
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Stream Stats and MSHV model Longitudinal profile of stream beyond culvert influence completed? : Yes Site plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on Stream Stats, need more info
Natural Bottom information; Banks within structure?	Type of bottom - "natural stone" Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 1582
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no IFW response. DMR: not managed for salmon, but have had some in watershed, not expected to use area above Hermon Pond
Habitat Opened/Improved	13.67 miles Brook trout habitat, IWWH, ATS CH, ATS modelled habitat
Fish present, source of info	brook trout <i>Not priority with IF&W, no ATS expected above pond, minimal fisheries benefits but long stretch opened at 13.67 mi. so significant benefit to potential fish movement. DMR comments "Think the ID is off. Eels. Downstream lakes were once Eel study area." Score 2.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$200000 Requested: \$125000 Match: \$75000, 37.5%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-23- Levant, Horseback Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	No Contact
Costs over previous 10 years	\$15,300.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15000 in engineering
Other comments	<i>Much wider structure, 16 – 26 ft. Multiplate, (closed bottom) pipe arch proposed but looks than different design shown, not much detail in design. Modelled width, maybe more info for appropriate sizing? Natural stone? No fines to hold that together.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-23- Levant, Horseback Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Levant
Road name	Horseback Road
Stream Name	Black Stream
Existing Culvert Size & Material	16.5'Wx9.1'Hx66'L Pipe arch
Crossing Age	60
Bankfull width and method	21.9 ; Stream Stats and MSHV model
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	26'Sx11'Hx66'L Multiplate Pipe Arch DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	no flooding annual cleaning required. Culvert deteriorating with small holes a rusting, deformation
Change in culvert width	Approx. 1.5 x
Design meets DOT 100-year flood standard	Yes?
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 10 miles; 37 homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services sagging indicates issues under road. Major connector in Levant and Stetson, multiple crossings before entering Kenduskeag Stream

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-23- Levant, Horseback Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Stream Stats and MSHV model Longitudinal profile of stream beyond culvert influence completed? : Yes Site plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on Stream Stats, need more info
Natural Bottom information; Banks within structure?	Type of bottom - "natural stone" Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 1582
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no IFW response. DMR: not managed for salmon, but have had some in watershed, not expected to use area above Hermon Pond
Habitat Opened/Improved	13.67 miles Brook trout habitat, IWWH, ATS CH, ATS modelled habitat
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$200000 Requested: \$125000 Match: \$75000, 37.5%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	No Contact
Costs over previous 10 years	\$15,300.00
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-23- Levant, Horseback Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15000 in engineering
Other comments	Not a barrier; good design; not a cold water fishery?

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-23- Levant, Horseback Road
DATE: 1/3/2022
EVALUATOR NAME: David A. Waddell
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Levant
Road name	Horseback Road
Stream Name	Black Stream
Existing Culvert Size & Material	16.5'Wx9.1'Hx66'L Pipe arch
Crossing Age	60
Bankfull width and method	21.9 ; Stream Stats and MSHV model
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	26'Sx11'Hx66'L Multiplate Pipe Arch DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	no flooding annual cleaning required. Culvert deteriorating with small holes a rusting, deformation
Change in culvert width	Approx. 1.5 x
Design meets DOT 100-year flood standard	Yes?
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 10 miles; 37 homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services sagging indicates issues under road. Major connector in Levant and Stetson, multiple crossings before entering Kenduskeag Stream

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-23- Levant, Horseback Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Stream Stats and MSHV model Longitudinal profile of stream beyond culvert influence completed? : Yes Site plan view
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on Stream Stats, need more info
Natural Bottom information; Banks within structure?	Type of bottom - "natural stone" Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 1582
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no IFW response. DMR: not managed for salmon, but have had some in watershed, not expected to use area above Hermon Pond
Habitat Opened/Improved	13.67 miles Brook trout habitat, IWWH, ATS CH, ATS modelled habitat 😊
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$200000 Requested: \$125000 Match: \$75000, 37.5%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	No Contact
Costs over previous 10 years	\$15,300.00
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-23- Levant, Horseback Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15000 in engineering 😊
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-24- Lewiston, Old Webster Road
DATE: 12/6/21 12/13/21
EVALUATOR NAME: John Maclaine
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:
I. Public Infrastructure Information/Public Safety

Town Name	Lewiston
Road name	Old Webster Road
Stream Name	No Name Brook
Existing Culvert Size & Material	12'D x 30'L CMP
Crossing Age	52
Bankfull width and method	18.6 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	25'Sx11'Hx25'L open bottom arch DOT: Yes

Estimated time to failure	10
Previous flooding or failure events, documentation, culvert condition, age	no flooding, overtopping reported. Extensive corrosion along the waterline of crossing, channel banks eroded downstream
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No, but debris in photo
Cut-offs or detours	Cut Offs: 0 Detours: 3.4 miles; no number affected listed
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-24- Lewiston, Old Webster Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : "flood survey profile", profile TBD during design BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 20291
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW, no response
Habitat Opened/Improved	7.22 miles ATS CH, ATS modelled habitat 50.56 units
Fish present, source of info	alewife, ATS?, eels

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$570000 Requested: \$125000 Match: \$445000, 78.07%
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$-
Construction year	2023

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-24- Lewiston, Old Webster Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$50k in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-24- Lewiston, Old Webster Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Lewiston
Road name	Old Webster Road
Stream Name	No Name Brook
Existing Culvert Size & Material	12'D x 30'L CMP
Crossing Age	52
Bankfull width and method	18.6 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	25'Sx11'Hx25'L open bottom arch DOT: Yes

Estimated time to failure	10
Previous flooding or failure events, documentation, culvert condition, age	no flooding, overtopping reported. Extensive corrosion along the waterline of crossing, channel banks eroded downstream <i>Older age, some corrosion but no holes or heavy pitting shown, perhaps obscured by turbid water?</i>
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No, but debris in photo
Cut-offs or detours	Cut Offs: 0 Detours: 3.4 miles; no number affected listed <i>No homes/businesses to assess impact? Detour is not excessive.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-24- Lewiston, Old Webster Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : "flood survey profile", profile TBD during design BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 20291
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW, no response <i>Primary interest is anadromous alewife, only modelled ATS with fair amount of habitat units. No salmonids currently, sampled. No IF&W priority, DMR would be for alewife.</i>
Habitat Opened/Improved	7.22 miles ATS CH, ATS modelled habitat 50.56 units
Fish present, source of info	alewife, ATS?, eels. <i>Modelled ATS only. DMR comment "current river herring restoration area. DMR currently stocks this location."</i> Score 5.

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$570000 Requested: \$125000 Match: \$445000, 78.07%
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Application submitted

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-24- Lewiston, Old Webster Road

DATE: 12/13/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$-
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	<i>\$50k in engineering 50k engineering a little high, bond funding/borrowing, likely to proceed. Potential DOT issues?</i>
Other comments	<i>Is it open bottom arch or aluminum box culvert (25' clear span – abutment to abutment, 31' overall?? These seem to contradict for an aluminum "box" culvert), DOT will not allow al. box over 20 ft., no longitudinal profile. Or is it an arch as is checked off? Very confusing mix of info.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-24- Lewiston, Old Webster Road
DATE: January 3, 2022
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Lewiston
Road name	Old Webster Road
Stream Name	No Name Brook
Existing Culvert Size & Material	12'D x 30'L CMP
Crossing Age	52
Bankfull width and method	18.6 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	25'Sx11'Hx25'L open bottom arch DOT: Yes

Estimated time to failure	10
Previous flooding or failure events, documentation, culvert condition, age	no flooding, overtopping reported. Extensive corrosion along the waterline of crossing, channel banks eroded downstream
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No, but debris in photo
Cut-offs or detours	Cut Offs: 0 Detours: 3.4 miles; no number affected listed
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-24- Lewiston, Old Webster Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : "flood survey profile", profile TBD during design BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 20291
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW, no response
Habitat Opened/Improved	7.22 miles ATS CH, ATS modelled habitat 50.56 units
Fish present, source of info	alewife, ATS?, eels

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$570000 Requested: \$125000 Match: \$445000, 78.07%
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$-
Construction year	2023

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-24- Lewiston, Old Webster Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$50k in engineering
Other comments	Impassable dam downstream; crossing itself doesn't appear to be a barrier; a piece of the puzzle I suppose if the downstream dam is ever removed

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-24- Lewiston, Old Webster Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

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Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Lewiston
Road name	Old Webster Road
Stream Name	No Name Brook
Existing Culvert Size & Material	12'D x 30'L CMP
Crossing Age	52
Bankfull width and method	18.6 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	25'Sx11'Hx25'L open bottom arch 😊 DOT: Yes

Estimated time to failure	10
Previous flooding or failure events, documentation, culvert condition, age	no flooding , overtopping reported. Extensive corrosion along the waterline of crossing, channel banks eroded downstream
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No, but debris in photo
Cut-offs or detours	Cut Offs: 0 Detours: 3.4 miles; no number affected listed
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-24- Lewiston, Old Webster Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : "flood survey profile", profile TBD during design BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 20291
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW, no response
Habitat Opened/Improved	7.22 miles 😊 ATS CH, ATS modelled habitat 50.56 units
Fish present, source of info	alewife, ATS?, eels

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$570000 Requested: \$125000 Match: \$445000, 78.07%
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$-
Construction year	2023

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-24- Lewiston, Old Webster Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$50k in engineering 😞
Other comments	No Brook Trout, Alewives present. Engineering seems high but it is in town budget.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-25- Milo, Medford Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Milo
Road name	Medford Road
Stream Name	Rapid Brook
Existing Culvert Size & Material	5'Dx58'L CMP
Crossing Age	40
Bankfull width and method	11.8 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.2'Sx8.8'Hx44'L Open bottom concrete box DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no flooding reported. Culvert has started to collapse, bottom is rusted out, sink hole has started in roadway.
Change in culvert width	Approx. 3.04 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 30x year
Cut-offs or detours	Cut Offs: 0 Detours: 19 miles; 25 homes, 1 business
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-25- Milo, Medford Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 2586
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted agencies. DMR: "... the habitat does not look favorable for Atlantic Salmon; mostly flat water and lacking riffle/run habitat. But, since it is in the Pleasant River drainage there could be chance. This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	4.28 miles ATS, CH, ATS DPS, ATS modelled habitat 40.35 units class 1 & 3
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$192000 Requested: \$125000 Match: \$67000, 34.89%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-25- Milo, Medford Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$10,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$20000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-25- Milo, Medford Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Milo
Road name	Medford Road
Stream Name	Rapid Brook
Existing Culvert Size & Material	5'Dx58'L CMP
Crossing Age	40
Bankfull width and method	11.8 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.2'Sx8.8'Hx44'L Open bottom concrete box DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no flooding reported. Culvert has started to collapse, bottom is rusted out, sink hole has started in roadway. <i>DS end is rusted out in photos,</i>
Change in culvert width	Approx. 3.04 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 30x year
Cut-offs or detours	Cut Offs: 0 Detours: 19 miles; 25 homes, 1 business
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services <i>Fewer homes, 1 business, but longer detour to consider. 366 cars/day???</i> <i>Due to proximity to state route? Seems high traffic count.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-25- Milo, Medford Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 2586
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted agencies. DMR: "... the habitat does not look favorable for Atlantic Salmon; mostly flat water and lacking riffle/run habitat. But, since it is in the Pleasant River drainage there could be chance. This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	4.28 miles ATS, CH, ATS DPS, ATS modelled habitat 40.35 units class 1 & 3
Fish present, source of info	brook trout <i>BKT more important due to issues mentioned for salmon by DMR? Fair amount of habitat opened >4 mi. IF&W gave it a 2. Synergy, second old concrete box adjacent/upstream coming out too, so a bit of a double benefit. DMR comment "Adjacent to surveyed ATS spawning and rearing habitat." Score 5.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$192000 Requested: \$125000 Match: \$67000, 34.89%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-25- Milo, Medford Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$10,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$20000 in engineering <i>20k engineering OK, cost reasonable for project, 35% match, likely.</i>
Other comments	<i>11.8 BFW multiple field measurements, meets 1.2, be good to attain that on the second concrete box removal as well. Overall, good design/approach.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-25- Milo, Medford Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Milo
Road name	Medford Road
Stream Name	Rapid Brook
Existing Culvert Size & Material	5'Dx58'L CMP
Crossing Age	40
Bankfull width and method	11.8 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.2'Sx8.8'Hx44'L Open bottom concrete box DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no flooding reported. Culvert has started to collapse, bottom is rusted out, sink hole has started in roadway.
Change in culvert width	Approx. 3.04 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 30x year
Cut-offs or detours	Cut Offs: 0 Detours: 19 miles; 25 homes, 1 business
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-25- Milo, Medford Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 2586
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted agencies. DMR: "... the habitat does not look favorable for Atlantic Salmon; mostly flat water and lacking riffle/run habitat. But, since it is in the Pleasant River drainage there could be chance. This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	4.28 miles ATS, CH, ATS DPS, ATS modelled habitat 40.35 units class 1 & 3
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$192000 Requested: \$125000 Match: \$67000, 34.89%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-25- Milo, Medford Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$10,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$20000 in engineering
Other comments	Fisheries? Proposing to dewater a large flowage by removing a concrete box culvert just upstream. Should check with IFW about timing at the very least. Whole area is a moderate value IWWH. Wildlife impacts?

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-25- Milo, Medford Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Milo
Road name	Medford Road
Stream Name	Rapid Brook
Existing Culvert Size & Material	5'Dx58'L CMP
Crossing Age	40
Bankfull width and method	11.8 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.2'Sx8.8'Hx44'L Open bottom concrete box 😊 DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no flooding reported. Culvert has started to collapse, bottom is rusted out, sink hole has started in roadway.
Change in culvert width	Approx. 3.04 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 30x year
Cut-offs or detours	Cut Offs: 0 Detours: 19 miles; 25 homes, 1 business
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-25- Milo, Medford Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 2586
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted agencies. DMR: "... the habitat does not look favorable for Atlantic Salmon; mostly flat water and lacking riffle/run habitat. But, since it is in the Pleasant River drainage there could be chance. This crossing has been identified as an important Fish Passage Restoration project by the Maine Aquatic Barrier Prioritization Tool and is located in a watershed identified by as high priority for restoration and protection. (See attached letter from The Nature Conservancy.)
Habitat Opened/Improved	4.28 miles ATS, CH, ATS DPS, ATS modelled habitat 40.35 units class 1 & 3 😊
Fish present, source of info	brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$192000 Requested: \$125000 Match: \$67000, 34.89%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-25- Milo, Medford Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$10,000.00
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$20000 in engineering 😊
Other comments	Good design , Long detour, No flooding mid-ly engineering costs, TNC support

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-26- Norridgewock, Red Barn Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Norridgewock
Road name	Red Barn Road
Stream Name	Turner Brook
Existing Culvert Size & Material	(3) 4.5'Dx38, 3.75'Dx38, 4.5'Dx38' CMP
Crossing Age	Unknown
Bankfull width and method	8.75 ; single upstream downstream measurements
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9.5'Sx6.25'Hx40.5'L Open bottom metal arch on concrete footers DOT: n/a

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Clearing is needed at least annually, largely due to beaver damage. No overtopping of road. Two out of three of the culverts are deteriorating at the outlet end.
Change in culvert width	Approx. 1.05 x – multiple to single increased capacity and passage
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 11.4 miles; 4 homes, 1 business

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-26- Norridgewock, Red Barn Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: single upstream downstream measurements Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	No, also need more measurements
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 26663
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no concerns
Habitat Opened/Improved	3.92 miles ATS CH, ATS modelled habitat 28.03 units
Fish present, source of info	brook trout (anecdotal)

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$153000 Requested: \$125000 Match: \$28000, 18.3%
Engineering	To be stamped?: Yes Level of plan included: Preliminary design
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-26- Norridgewock, Red Barn Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$unknown for clearing culverts
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-26- Norridgewock, Red Barn Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Norridgewock
Road name	Red Barn Road
Stream Name	Turner Brook
Existing Culvert Size & Material	(3) 4.5'Dx38, 3.75'Dx38, 4.5'Dx38' CMP
Crossing Age	Unknown
Bankfull width and method	8.75 ; single upstream downstream measurements
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9.5'Sx6.25'Hx40.5'L Open bottom metal arch on concrete footers DOT: n/a

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Clearing is needed at least annually, largely due to beaver damage. No overtopping of road. Two out of three of the culverts are deteriorating at the outlet end. <i>Condition does not seem too bad.</i>
Change in culvert width	Approx. 1.05 x – multiple to single increased capacity and passage
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 11.4 miles; 4 homes, 1 business (<i>53 cars/day, so low count and homes with moderately high detour</i>).

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-26- Norridgewock, Red Barn Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: single upstream downstream measurements Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	No, also need more measurements
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 26663
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no concerns
Habitat Opened/Improved	3.92 miles ATS CH, ATS modelled habitat 28.03 units
Fish present, source of info	brook trout (anecdotal). <i>No fisheries agency comments, fair US habitat opened at almost 4 mi., in crit. ATS habitat. DS at Kennebec may not be barrier at most flows, so long total stretch opening. DMR comments "Trib to Kennebec. probably has eels. Not much for salmon." Score 2.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$153000 Requested: \$125000 Match: \$28000, 18.3%
Engineering	To be stamped?: Yes Level of plan included: Preliminary design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-26- Norridgewock, Red Barn Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$unknown for clearing culverts
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10000 in engineering <i>Likely, good cost estimates, planned fund source.</i>
Other comments	<i>Cross section not great, one US one DS width, terrestrial passage benches mentioned, not shown? Footings not below scour potential.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-26- Norridgewock, Red Barn Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Norridgewock
Road name	Red Barn Road
Stream Name	Turner Brook
Existing Culvert Size & Material	(3) 4.5'Dx38, 3.75'Dx38, 4.5'Dx38' CMP
Crossing Age	Unknown
Bankfull width and method	8.75 ; single upstream downstream measurements
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9.5'Sx6.25'Hx40.5'L Open bottom metal arch on concrete footers DOT: n/a

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Clearing is needed at least annually, largely due to beaver damage. No overtopping of road. Two out of three of the culverts are deteriorating at the outlet end.
Change in culvert width	Approx. 1.05 x – multiple to single increased capacity and passage
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 11.4 miles; 4 homes, 1 business

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-26- Norridgewock, Red Barn Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: single upstream downstream measurements Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	No, also need more measurements
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 26663
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no concerns
Habitat Opened/Improved	3.92 miles ATS CH, ATS modelled habitat 28.03 units
Fish present, source of info	brook trout (anecdotal)

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$153000 Requested: \$125000 Match: \$28000, 18.3%
Engineering	To be stamped?: Yes Level of plan included: Preliminary design
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-26- Norridgewock, Red Barn Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$unknown for clearing culverts
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10000 in engineering
Other comments	Appears to be the only barrier on the stream? Need work on engineering.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-26- Norridgewock, Red Barn Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Norridgewock
Road name	Red Barn Road
Stream Name	Turner Brook
Existing Culvert Size & Material	(3) 4.5'Dx38, 3.75'Dx38, 4.5'Dx38' CMP
Crossing Age	Unknown
Bankfull width and method	8.75 ; single upstream downstream measurements
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9.5'Sx6.25'Hx40.5'L Open bottom metal arch on concrete footers DOT: n/a

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Clearing is needed at least annually, largely due to beaver damage. No overtopping of road. Two out of three of the culverts are deteriorating at the outlet end. No flooding
Change in culvert width	Approx. 1.05 x – multiple to single increased capacity and passage
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 11.4 miles; 4 homes, 1 business
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-26- Norridgewock, Red Barn Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: single upstream downstream measurements Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	No, also need more measurements
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 26663
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no concerns
Habitat Opened/Improved	3.92 miles ATS CH, ATS modelled habitat 28.03 units 😊
Fish present, source of info	brook trout (anecodotal)

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$153000 Requested: \$125000 Match: \$28000, 18.3%
Engineering	To be stamped?: Yes Level of plan included: Preliminary design
Army Corp Permit info	Contact
Costs over previous 10 years	\$unknown for clearing culverts
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-26- Norridgewock, Red Barn Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10000 in engineering 😊
Other comments	IFW support ??, St. Germain / Contech design. 😞

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-27- Norridgewock, Winding Hill Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Norridgewock
Road name	Winding Hill Road
Stream Name	Bombazee Brook
Existing Culvert Size & Material	6'Dx63'L CMP
Crossing Age	Unknown
Bankfull width and method	14 ; single upstream downstream measurements
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	14.9' Open bottom metal arch on concrete footers DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Clearing is needed at least annually, largely due to beaver damage. No overtopping of road. The culvert has started to fail – the bottom has rusted significantly and is ripping apart in one section
Change in culvert width	Approx. 2.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 11.6 miles; 25 homes, 2 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-27- Norridgewock, Winding Hill Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Winding Hill Road has several private residences, a church, and a business that would require a five mile/tenminute detour be made by fire and medical responders in an emergency. steep grade
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: single upstream downstream measurements Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	No, also need more measurements
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 26690
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no concerns, TNC Support letter
Habitat Opened/Improved	12.72 miles ATS CH, ATS modelled habitat 23.89 units
Fish present, source of info	brook trout (anecdotal)

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$195000 Requested: \$125000 Match: \$70000, 35.9%
Engineering	To be stamped?: Yes Level of plan included: Preliminary design
Army Corp Permit info	No Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-27- Norridgewock, Winding Hill Road

DATE: 12/6/21 12/13/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-27- Norridgewock, Winding Hill Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Norridgewock
Road name	Winding Hill Road
Stream Name	Bombazee Brook
Existing Culvert Size & Material	6'Dx63'L CMP
Crossing Age	Unknown
Bankfull width and method	14 ; single upstream downstream measurements
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	14.9' Open bottom metal arch on concrete footers DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Clearing is needed at least annually, largely due to beaver damage. No overtopping of road. The culvert has started to fail – the bottom has rusted significantly and is ripping apart in one section. <i>Evident in DS view of culvert pic.</i>
Change in culvert width	Approx. 2.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 11.6 miles; 25 homes, 2 businesses. <i>Traffic count fair, moderately high detour, moderate # homes, two businesses.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-27- Norridgewock, Winding Hill Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Winding Hill Road has several private residences, a church, and a business that would require a five mile/tenminute detour be made by fire and medical responders in an emergency. steep grade
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: single upstream downstream measurements Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	No, also need more measurements
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 26690
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no concerns, TNC Support letter
Habitat Opened/Improved	12.72 miles. <i>Good distance opened US, with some modelled ATS hab.</i> ATS CH, ATS modelled habitat 23.89 units
Fish present, source of info	brook trout (anecodotal). <i>New appearing plastic culvert DS between project and river appears impassable at low or higher flows, probalby be there for years (looks new new). DMR comments "Trib to Kennebec. probably has eels. Not much for salmon." Score 2.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$195000 Requested: \$125000 Match: \$70000, 35.9%
Engineering	To be stamped?: Yes Level of plan included: Preliminary design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-27- Norridgewock, Winding Hill Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	No Contact
Costs over previous 10 years	\$unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10000 in engineering <i>Likely, planned funding.</i>
Other comments	<i>14 ft BFW, going to 16.8 and does not meet 1.2, used modelled value for width against our judgement. Do plans show footing depth? Some concerns about footing design. Check BFW and footings/grade.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-27- Norridgewock, Winding Hill Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Norridgewock
Road name	Winding Hill Road
Stream Name	Bombazee Brook
Existing Culvert Size & Material	6'Dx63'L CMP
Crossing Age	Unknown
Bankfull width and method	14 ; single upstream downstream measurements
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	14.9' Open bottom metal arch on concrete footers DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Clearing is needed at least annually, largely due to beaver damage. No overtopping of road. The culvert has started to fail – the bottom has rusted significantly and is ripping apart in one section
Change in culvert width	Approx. 2.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 11.6 miles; 25 homes, 2 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-27- Norridgewock, Winding Hill Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Winding Hill Road has several private residences, a church, and a business that would require a five mile/tenminute detour be made by fire and medical responders in an emergency. steep grade
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: single upstream downstream measurements Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	No, also need more measurements
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 26690
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no concerns, TNC Support letter
Habitat Opened/Improved	12.72 miles ATS CH, ATS modelled habitat 23.89 units
Fish present, source of info	brook trout (anecdotal)

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$195000 Requested: \$125000 Match: \$70000, 35.9%
Engineering	To be stamped?: Yes Level of plan included: Preliminary design
Army Corp Permit info	No Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-27- Norridgewock, Winding Hill Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10000 in engineering
Other comments	Culvert downstream of this crossing is a smoothbore plastic pipe that looks relatively new? Opens up a decent amount of stream, but that first pipe looks impassable. Needs engineering work?

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-27- Norridgewock, Winding Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Norridgewock
Road name	Winding Hill Road
Stream Name	Bombazee Brook
Existing Culvert Size & Material	6'Dx63'L CMP
Crossing Age	Unknown
Bankfull width and method	14 ; single upstream downstream measurements
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	14.9' Open bottom metal arch on concrete footers 😊 DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Clearing is needed at least annually, largely due to beaver damage. No overtopping of road. The culvert has started to fail – the bottom has rusted significantly and is ripping apart in one section. No flooding
Change in culvert width	Approx. 2.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 11.6 miles; 25 homes, 2 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-27- Norridgewock, Winding Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Winding Hill Road has several private residences, a church, and a business that would require a five mile/tenminute detour be made by fire and medical responders in an emergency. steep grade
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: single upstream downstream measurements Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	No, also need more measurements 😞
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 26690
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no concerns, TNC Support letter
Habitat Opened/Improved	12.72 miles ATS CH, ATS modelled habitat 23.89 units
Fish present, source of info	brook trout (anecodotal)

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$195000 Requested: \$125000 Match: \$70000, 35.9%
Engineering	To be stamped?: Yes Level of plan included: Preliminary design
Army Corp Permit info	No Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-27- Norridgewock, Winding Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10000 in engineering
Other comments	IFW support ??, St. Germain / Contech design. 😞

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-28- North Yarmouth, Sweetser Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	North Yarmouth
Road name	Sweetser Road
Stream Name	Toddy Brook
Existing Culvert Size & Material	4'Dx54'L, 15"Dx54'L CMP
Crossing Age	Unknown
Bankfull width and method	12.3 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.2'Sx10'Hx64'L Open bottom concrete box DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no over topping but flooding damage reported. Rusted bottom of metal pipe, crushing of pipe at band connection, most likely a broken/ corroded band clamp, water running under pipe. possible sink holes
Change in culvert width	Approx. 2.7 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 2 miles; 50 homes, 1 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Public water supply for Town of North Yarmouth, 12-inch supply line runs over the culvert. If crossing fails, it

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-28- North Yarmouth, Sweetser Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

	<p>could interrupt public water supply. There would be no other water main connection between Yarmouth water district water supply wells.</p> <p>Water on outlet side of pipe flows with high velocity directly into a clay bank undermining large hemlock and pine trees. Currently trees have fallen into brook and forced. water flow into road way bank. Causing erosion along road.</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8670
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW
Habitat Opened/Improved	0.34 miles brook trout habitat
Fish present, source of info	Stream has wild brook trout, Stickleback, and Blacknosed Dace. - James Pellerin, Regional Fisheries Biologist, Maine DIFW

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$277000 Requested: \$125000 Match: \$152000, 54.8%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-28- North Yarmouth, Sweetser Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans
Army Corp Permit info	Application submitted
Costs over previous 10 years	none reported
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$22k in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-28- North Yarmouth, Sweetser Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	North Yarmouth
Road name	Sweetser Road
Stream Name	Toddy Brook
Existing Culvert Size & Material	4'Dx54'L, 15"Dx54'L CMP
Crossing Age	Unknown
Bankfull width and method	12.3 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.2'Sx10'Hx64'L Open bottom concrete box DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no over topping but flooding damage reported. Rusted bottom of metal pipe, crushing of pipe at band connection, most likely a broken/ corroded band clamp, water running under pipe. possible sink holes <i>Some piping flowing back into DS end through rust out holes.</i>
Change in culvert width	Approx. 2.7 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 2 miles; 50 homes, 1 critical infrastructure <i>Short detour, fairly high number of homes, but water main between wells and town heightens concern.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-28- North Yarmouth, Sweetser Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Public water supply for Town of North Yarmouth, 12-inch supply line runs over the culvert. If crossing fails, it could interrupt public water supply. There would be no other water main connection between Yarmouth water district water supply wells. Water on outlet side of pipe flows with high velocity directly into a clay bank undermining large hemlock and pine trees. Currently trees have fallen into brook and forced water flow into road way bank, causing erosion along road.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8670
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW <i>Wild BKT habitat, 0.34 mi. only US opened, tough potential barriers below & above. IF&W support for wild brook trout in an intown location in S. Maine. May be WQ benefits with significant erosion around site, perhaps nearby driveway contributing in photos?</i>
Habitat Opened/Improved	0.34 miles brook trout habitat
Fish present, source of info	Stream has wild brook trout, Stickleback, and Blacknosed Dace. - James Pellerin, Regional Fisheries Biologist, Maine DIFW. <i>DMR comments "Far from main stem Royal River, maybe eels." Score 1.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$277000 Requested: \$125000 Match: \$152000, 54.8%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-28- North Yarmouth, Sweetser Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans
Army Corp Permit info	Application submitted
Costs over previous 10 years	none reported
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$22k in engineering
Other comments	<i>Some realignment, permitting issue in cutting off stream, good plan on pumping for WQ protection, two phased approach with two US coffer dams, good thought/input into prelim design.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-28- North Yarmouth, Sweetser Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	North Yarmouth
Road name	Sweetser Road
Stream Name	Toddy Brook
Existing Culvert Size & Material	4'Dx54'L, 15"Dx54'L CMP
Crossing Age	Unknown
Bankfull width and method	12.3 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.2'Sx10'Hx64'L Open bottom concrete box DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no over topping but flooding damage reported. Rusted bottom of metal pipe, crushing of pipe at band connection, most likely a broken/corroded band clamp, water running under pipe. possible sink holes
Change in culvert width	Approx. 2.7 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 2 miles; 50 homes, 1 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Public water supply for Town of North Yarmouth, 12-inch supply line runs over the culvert. If crossing fails, it

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-28- North Yarmouth, Sweetser Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

	<p>could interrupt public water supply. There would be no other water main connection between Yarmouth water district water supply wells.</p> <p>Water on outlet side of pipe flows with high velocity directly into a clay bank undermining large hemlock and pine trees. Currently trees have fallen into brook and forced. water flow into road way bank. Causing erosion along road.</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8670
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW
Habitat Opened/Improved	0.34 miles brook trout habitat
Fish present, source of info	Stream has wild brook trout, Stickleback, and Blacknosed Dace. - James Pellerin, Regional Fisheries Biologist, Maine DIFW

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$277000 Requested: \$125000 Match: \$152000, 54.8%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-28- North Yarmouth, Sweetser Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans
Army Corp Permit info	Application submitted
Costs over previous 10 years	none reported
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$22k in engineering
Other comments	Brook Trout in Southern Maine. Re-alignment? Taking a bend out of the stream which might require an individual NRPA permit

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-28- North Yarmouth, Sweetser Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	North Yarmouth
Road name	Sweetser Road
Stream Name	Toddy Brook
Existing Culvert Size & Material	4'Dx54'L, 15"Dx54'L CMP
Crossing Age	Unknown
Bankfull width and method	12.3 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.2'Sx10'Hx64'L Open bottom concrete box 😊 DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no over topping but flooding damage reported . Rusted bottom of metal pipe, crushing of pipe at band connection, most likely a broken/ corroded band clamp, water running under pipe. possible sink holes
Change in culvert width	Approx. 2.7 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 2 miles; 50 homes, 1 critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Public water supply for Town of North Yarmouth, 12-inch supply line runs over the culvert. If crossing fails, it

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-28- North Yarmouth, Sweetser Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

	could interrupt public water supply. There would be no other water main connection between Yarmouth water district water supply wells. Water on outlet side of pipe flows with high velocity directly into a clay bank undermining large hemlock and pine trees. Currently trees have fallen into brook and forced. water flow into road way bank. Causing erosion along road.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8670
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted IFW
Habitat Opened/Improved	0.34 miles brook trout habitat
Fish present, source of info	Stream has wild brook trout , Stickleback, and Blacknosed Dace. - James Pellerin, Regional Fisheries Biologist, Maine DIFW

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$277000 Requested: \$125000 Match: \$152000, 54.8%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-28- North Yarmouth, Sweetser Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Application submitted
Costs over previous 10 years	none reported
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$22k in engineering 😞
Other comments	Dirigo Design, moderate engineering costs, using existing overflow culvert for pump around, Strange alignment.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-29- Old Orchard Beach, Old Orchard Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Old Orchard Beach
Road name	Old Orchard Road
Stream Name	Cold Water Brook (drains to Goosefare Brook)
Existing Culvert Size & Material	3'Dx65'L CMP
Crossing Age	46
Bankfull width and method	7.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9'Sx4'Hx65'L 4 Sided Concrete Box DOT: n/a May be on State Aid Road?

Estimated time to failure	1-5
Previous flooding or failure events, documentation, culvert condition, age	Town staff were consulted, and they did not report overtopping, however, based on H&H modeling, flooding of the culvert is potential during the 2-year, 24-hour storm. The H&H model does not indicate overtopping of the road. pipe has continued to deteriora
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 0.3 miles; + or - 100 homes, 7 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-29- Old Orchard Beach, Old Orchard Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>Old Orchard Road is a major collector in an urban area and while the detour is not a long distance, it would potentially reroute a significant number of trips through a residential neighborhood located on Wilbur Ave and Melvin Ave.</p> <p>There is a RV Resort and Campground approximately 700 feet from the culvert that would be affected by a detour.</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes (not tidal or expected ot be)
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 55485
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted agencies, no DMR response, IFW provided letter. Alex Abbott indicated that the project would help ecological connection, specifically for brook trout and potentially sea-run brook trout. He also indicated that the stream could have traditionally been a site for sea-run rainbow smelt spawning.
Habitat Opened/Improved	0.05 miles brook trout habitat, state listed animal, saltmarsh sparrow nearby
Fish present, source of info	unsure, no survey data

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-29- Old Orchard Beach, Old Orchard Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$366000 Requested: \$125000 Match: \$241000, 65.8%
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Contact
Costs over previous 10 years	none reported
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$38400 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-29- Old Orchard Beach, Old Orchard Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Old Orchard Beach
Road name	Old Orchard Road
Stream Name	Cold Water Brook (drains to Goosefare Brook)
Existing Culvert Size & Material	3'Dx65'L CMP
Crossing Age	46
Bankfull width and method	7.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9'Sx4'Hx65'L 4 Sided Concrete Box DOT: n/a

Estimated time to failure	1-5
Previous flooding or failure events, documentation, culvert condition, age	Town staff were consulted, and they did not report overtopping, however, based on H&H modeling, flooding of the culvert is potential during the 2-year, 24-hour storm. The H&H model does not indicate overtopping of the road. pipe has continued to deteriorate. <i>Some corrosion/perforation at inlet end.</i>
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 0.3 miles; + or - 100 homes, 7 businesses. <i>Short detour, no cuts, heavy home density and very high trips/day (4,100 trips/day). Is this state aid road??</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-29- Old Orchard Beach, Old Orchard Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Old Orchard Road is a major collector in an urban area and while the detour is not a long distance, it would potentially reroute a significant number of trips through a residential neighborhood located on Wilbur Ave and Melvin Ave. There is a RV Resort and Campground approximately 700 feet from the culvert that would be affected by a detour.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes (not tidal or expected ot be)
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 55485
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted agencies, no DMR response, IFW provided letter. Alex Abbott indicated that the project would help ecological connection, specifically for brook trout and potentially sea-run brook trout. He also indicated that the stream could have traditionally been a site for sea-run rainbow smelt spawning.
Habitat Opened/Improved	0.05 miles brook trout habitat, state listed animal, saltmarsh sparrow nearby
Fish present, source of info	unsure, no survey data. <i>DMR comments "Tributary above potential smelt habitat on Goosefare Brook." Score 3.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$366000 Requested: \$125000 Match: \$241000, 65.8%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-29- Old Orchard Beach, Old Orchard Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Contact
Costs over previous 10 years	none reported
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$38400 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-29- Old Orchard Beach, Old Orchard Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Old Orchard Beach
Road name	Old Orchard Road
Stream Name	Cold Water Brook (drains to Goosefare Brook)
Existing Culvert Size & Material	3'Dx65'L CMP
Crossing Age	46
Bankfull width and method	7.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9'Sx4'Hx65'L 4 Sided Concrete Box DOT: n/a

Estimated time to failure	1-5
Previous flooding or failure events, documentation, culvert condition, age	Town staff were consulted, and they did not report overtopping, however, based on H&H modeling, flooding of the culvert is potential during the 2-year, 24-hour storm. The H&H model does not indicate overtopping of the road. pipe has continued to deteriora
Change in culvert width	Approx. 3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 0.3 miles; + or - 100 homes, 7 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-29- Old Orchard Beach, Old Orchard Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>Old Orchard Road is a major collector in an urban area and while the detour is not a long distance, it would potentially reroute a significant number of trips through a residential neighborhood located on Wilbur Ave and Melvin Ave.</p> <p>There is a RV Resort and Campground approximately 700 feet from the culvert that would be affected by a detour.</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes (not tidal or expected ot be)
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 55485
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted agencies, no DMR response, IFW provided letter. Alex Abbott indicated that the project would help ecological connection, specifically for brook trout and potentially sea-run brook trout. He also indicated that the stream could have traditionally been a site for sea-run rainbow smelt spawning.
Habitat Opened/Improved	0.05 miles brook trout habitat, state listed animal, saltmarsh sparrow nearby
Fish present, source of info	unsure, no survey data

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-29- Old Orchard Beach, Old Orchard Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$366000 Requested: \$125000 Match: \$241000, 65.8%
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Contact
Costs over previous 10 years	none reported
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$38400 in engineering
Other comments	Doesn't appear to be a significant fisheries improvement; culvert definitely undersized and deteriorating; public safety priority?

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-29- Old Orchard Beach, Old Orchard Road

DATE: 1/3/2022


EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Old Orchard Beach	
Road name	Old Orchard Road	
Stream Name	Cold Water Brook (drains to Goosefare Brook)	
Existing Culvert Size & Material	3'Dx65'L CMP	
Crossing Age	46	
Bankfull width and method	7.5 ; Multiple Field Average	
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9'Sx4'Hx65'L 4 Sided Concrete Box DOT: n/a	

Estimated time to failure	1-5	
Previous flooding or failure events, documentation, culvert condition, age	Town staff were consulted, and they did not report overtopping, however, based on H&H modeling, flooding of the culvert is potential during the 2-year, 24-hour storm. The H&H model does not indicate overtopping of the road. pipe has continued to deteriora	
Change in culvert width	Approx. 3 x	
Design meets DOT 100-year flood standard	Yes	
Regularly obstruction or maintenance required	No	
Cut-offs or detours	Cut Offs: 0 Detours: 0.3 miles; + or - 100 homes, 7 businesses	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-29- Old Orchard Beach, Old Orchard Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>Old Orchard Road is a major collector in an urban area and while the detour is not a long distance, it would potentially reroute a significant number of trips through a residential neighborhood located on Wilbur Ave and Melvin Ave.</p> <p>There is a RV Resort and Campground approximately 700 feet from the culvert that would be affected by a detour.</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes (not tidal or expected ot be)
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 55485
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted agencies, no DMR response, IFW provided letter. Alex Abbott indicated that the project would help ecological connection, specifically for brook trout and potentially sea-run brook trout. He also indicated that the stream could have traditionally been a site for sea-run rainbow smelt spawning.
Habitat Opened/Improved	0.05 miles brook trout habitat, state listed animal, saltmarsh sparrow nearby
Fish present, source of info	unsure, no survey data

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-29- Old Orchard Beach, Old Orchard Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$366000 Requested: \$125000 Match: \$241000, 65.8%
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	Contact
Costs over previous 10 years	none reported
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$38400 in engineering 😞
Other comments	No flooding, design has banks but hard to build, lack of info on fish

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-30- Peru, Dickvale Rd
DATE: 12/6/21, 12/14/21
EVALUATOR NAME: John Maclaine
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Peru
Road name	Dickvale Rd
Stream Name	unnamed trib to Spear Stream
Existing Culvert Size & Material	6'Sx4'Hx33'L per stream viewer Concrete Box Bridge by definition?
Crossing Age	unknown
Bankfull width and method	8.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	12'Sx6-7'Hx22'L Open bottom concrete DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	overtopping due to clogging, requires cleangin "couple times a year". No damage reported
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes? Not indicated
Regularly obstruction or maintenance required	Yes, 2 x
Cut-offs or detours	Cut Offs: 0 Detours: 7.2 miles; 80+ homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	heavy truck travel, gravel pit, heavy logging traffic seasonally

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-30- Peru, Dickvale Rd

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : No Preliminary design sizing, BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - No?
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 23140
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, but no contact returned
Habitat Opened/Improved	1.34 miles brook trout habitat
Fish present, source of info	brook trout up and downstream of site reported

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$61000 Requested: \$48000 Match: \$13000, 21.3%
Engineering	To be stamped?: Yes Level of plan included: Preliminary design
Army Corp Permit info	Contact
Costs over previous 10 years	\$minimal
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-30- Peru, Dickvale Rd

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	unknown engineering, small ask
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-30- Peru, Dickvale Rd

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Peru
Road name	Dickvale Rd
Stream Name	unnamed trib to Spear Stream
Existing Culvert Size & Material	6'Sx4'Hx33'L per stream viewer Concrete Box, <i>appears to be bridge with deck and abutments.</i>
Crossing Age	unknown
Bankfull width and method	8.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	12'Sx6-7'Hx22'L Open bottom concrete DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	overtopping due to clogging, requires cleanin "couple times a year". No damage reported
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes? Not indicated
Regularly obstruction or maintenance required	Yes, 2 x
Cut-offs or detours	Cut Offs: 0 Detours: 7.2 miles; 80+ homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	heavy truck travel, gravel pit, heavy logging traffic seasonally

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-30- Peru, Dickvale Rd

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : No Preliminary design sizing, BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - No?
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 23140
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, but no contact returned
Habitat Opened/Improved	1.34 miles brook trout habitat
Fish present, source of info	brook trout up and downstream of site reported. <i>DMR comments "Outside of critical habitat for ATS; not managed for other sea-run species." Score 0.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$61000 Requested: \$48000 Match: \$13000, 21.3%
Engineering	To be stamped?: Yes Level of plan included: Preliminary design
Army Corp Permit info	Contact
Costs over previous 10 years	\$minimal
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-30- Peru, Dickvale Rd

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	unknown engineering, small ask
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-30- Peru, Dickvale Rd
DATE: January 3, 2022
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Peru
Road name	Dickvale Rd
Stream Name	unnamed trib to Spear Stream
Existing Culvert Size & Material	6'Sx4'Hx33'L per stream viewer Concrete Box
Crossing Age	unknown
Bankfull width and method	8.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	12'Sx6-7'Hx22'L Open bottom concrete DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	overtopping due to clogging, requires cleangin "couple times a year". No damage reported
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes? Not indicated
Regularly obstruction or maintenance required	Yes, 2 x
Cut-offs or detours	Cut Offs: 0 Detours: 7.2 miles; 80+ homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	heavy truck travel, gravel pit, heavy logging traffic seasonally

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-30- Peru, Dickvale Rd

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : No Preliminary design sizing, BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - No?
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 23140
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, but no contact returned
Habitat Opened/Improved	1.34 miles brook trout habitat
Fish present, source of info	brook trout up and downstream of site reported

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$61000 Requested: \$48000 Match: \$13000, 21.3%
Engineering	To be stamped?: Yes Level of plan included: Preliminary design
Army Corp Permit info	Contact
Costs over previous 10 years	\$minimal
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-30- Peru, Dickvale Rd

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	unknown engineering, small ask
Other comments	Crossing looks like a bridge not a culvert

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-30- Peru, Dickvale Rd

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Peru
Road name	Dickvale Rd
Stream Name	unnamed trib to Spear Stream
Existing Culvert Size & Material	6'Sx4'Hx33'L per stream viewer Concrete Box
Crossing Age	unknown
Bankfull width and method	8.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	12'Sx6-7'Hx22'L Open bottom concrete 😊 DOT: Yes

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	overtopping due to clogging, requires cleangin "couple times a year". No damage reported flooding
Change in culvert width	Approx. 2 x
Design meets DOT 100-year flood standard	Yes? Not indicated
Regularly obstruction or maintenance required	Yes, 2 x
Cut-offs or detours	Cut Offs: 0 Detours: 7.2 miles; 80+ homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	heavy truck travel, gravel pit, heavy logging traffic seasonally

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-30- Peru, Dickvale Rd

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : No Preliminary design sizing, BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - No?
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 23140
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, but no contact returned
Habitat Opened/Improved	1.34 miles Good brook trout habitat
Fish present, source of info	brook trout up and downstream of site reported

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$61000 Requested: \$48000 Match: \$13000, 21.3%
Engineering	To be stamped?: Yes Level of plan included: Preliminary design
Army Corp Permit info	Contact
Costs over previous 10 years	\$minimal
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-30- Peru, Dickvale Rd

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	unknown engineering, small ask
Other comments	Design / estimate by contractor??

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-31- Phillips, East Madrid Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Phillips
Road name	East Madrid Road
Stream Name	Black brook tributary (Sandy River WS)
Existing Culvert Size & Material	2'Dx46'L CMP
Crossing Age	20
Bankfull width and method	12.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.3'Sx9'Hx44'L Open bottom concrete DOT: No

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no overtopping over last 10 years, frequent clogging. Damage has occurred from flooding. The inlet is currently deformed slightly, and has been subject to inundation in the past, with the embankment fill above subsided and eroded.
Change in culvert width	Approx. 7.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 1-2x
Cut-offs or detours	Cut Offs: 0 Detours: 5.5 miles; >20 homes, >20 businesses, >5 infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-31- Phillips, East Madrid Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Approximately 16 Phillips residences rely immediately on access to state Route 142 along the East Madrid Road, and would be forced to detour approximately 5 miles if this culvert were to fail. Further, Madrid Township residences along this road would be a public and private access would be similarly limited, including fire, police and ambulances, school buses, public works, commercial traffic and delivery services. Additionally, the heavyweight traffic from the nearby asphalt plant has an impact on the viability of the current culvert.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15063
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Attached letter from Paul Christman of DMR – key tributary to provide coldwater refuge for juvenile Atlantic salmon moving up from spawning sites in the Sandy River downstream from this site. Attached letter of support from Elizabeth Thorndike of IFW – historic brook trout stream with cold-water habitat
Habitat Opened/Improved	1.96 miles ATS CH, ATS DPS, 25.5 Units ATS high priority modelled habitat, IWWH
Fish present, source of info	brook trout, possible Atlantic salmon

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-31- Phillips, East Madrid Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$144000 Requested: \$125000 Match: \$19000, 13.1%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	Prelim design, engineer TBD
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-31- Phillips, East Madrid Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Phillips
Road name	East Madrid Road
Stream Name	Black brook tributary (Sandy River WS)
Existing Culvert Size & Material	2'Dx46'L CMP
Crossing Age	20
Bankfull width and method	12.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.3'Sx9'Hx44'L Open bottom concrete DOT: No

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no overtopping over last 10 years, frequent clogging. Damage has occurred from flooding. The inlet is currently deformed slightly, and has been subject to inundation in the past, with the embankment fill above subsided and eroded. <i>Lower end hanging terribly, very undersized, surprising it has not failed.</i>
Change in culvert width	Approx. 7.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 1-2x
Cut-offs or detours	Cut Offs: 0 Detours: 5.5 miles; >20 homes, >20 businesses, >5 infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-31- Phillips, East Madrid Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Approximately 16 Phillips residences rely immediately on access to state Route 142 along the East Madrid Road, and would be forced to detour approximately 5 miles if this culvert were to fail. Further, Madrid Township residences along this road would be a public and private access would be similarly limited, including fire, police and ambulances, school buses, public works, commercial traffic and delivery services. Additionally, the heavyweight traffic from the nearby asphalt plant has an impact on the viability of the current culvert.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15063
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Attached letter from Paul Christman of DMR – key tributary to provide coldwater refuge for juvenile Atlantic salmon moving up from spawning sites in the Sandy River downstream from this site. Attached letter of support from Elizabeth Thorndike of IFW – historic brook trout stream with cold-water habitat
Habitat Opened/Improved	1.96 miles ATS CH, ATS DPS, 25.5 Units ATS high priority modelled habitat, IWWH
Fish present, source of info	brook trout, possible Atlantic salmon. <i>Very good location/habitat for salmon (DMR) and BKT (IF&W), moderate amount of ATS high priority (class I) and DS from surveyed spawning and rearing habitat. DMR comments “Modeled ATS habitat and managed for ATS immediately downstream.” Score 5.</i>

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-31- Phillips, East Madrid Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$144000 Requested: \$125000 Match: \$19000, 13.1%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	Prelim design, engineer TBD <i>13% match, town meeting funding? Not much match to come up with, likelihood?</i>
Other comments	<i>Plans very complete for substrate (comp. table included), good feasibility.,</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-31- Phillips, East Madrid Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Phillips
Road name	East Madrid Road
Stream Name	Black brook tributary (Sandy River WS)
Existing Culvert Size & Material	2'Dx46'L CMP
Crossing Age	20
Bankfull width and method	12.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.3'Sx9'Hx44'L Open bottom concrete DOT: No

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no overtopping over last 10 years, frequent clogging. Damage has occurred from flooding. The inlet is currently deformed slightly, and has been subject to inundation in the past, with the embankment fill above subsided and eroded.
Change in culvert width	Approx. 7.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 1-2x
Cut-offs or detours	Cut Offs: 0 Detours: 5.5 miles; >20 homes, >20 businesses, >5 infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-31- Phillips, East Madrid Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Approximately 16 Phillips residences rely immediately on access to state Route 142 along the East Madrid Road, and would be forced to detour approximately 5 miles if this culvert were to fail. Further, Madrid Township residences along this road would be a public and private access would be similarly limited, including fire, police and ambulances, school buses, public works, commercial traffic and delivery services. Additionally, the heavyweight traffic from the nearby asphalt plant has an impact on the viability of the current culvert.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15063
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Attached letter from Paul Christman of DMR – key tributary to provide coldwater refuge for juvenile Atlantic salmon moving up from spawning sites in the Sandy River downstream from this site. Attached letter of support from Elizabeth Thorndike of IFW – historic brook trout stream with cold-water habitat
Habitat Opened/Improved	1.96 miles ATS CH, ATS DPS, 25.5 Units ATS high priority modelled habitat, IWWH
Fish present, source of info	brook trout, possible Atlantic salmon

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-31- Phillips, East Madrid Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$144000 Requested: \$125000 Match: \$19000, 13.1%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	Prelim design, engineer TBD
Other comments	Atlantic salmon, spawning habitat immediately downstream in the Sandy River; good design; match? Hits a lot of the buttons.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER NAME: 2021R-31- Phillips, East Madrid Road
 DATE: 1/3/2022
 EVALUATOR NAME: David A. Waddell
 EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Phillips
Road name	East Madrid Road
Stream Name	Black brook tributary (Sandy River WS)
Existing Culvert Size & Material	2'Dx46'L CMP
Crossing Age	20
Bankfull width and method	12.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.3'Sx9'Hx44'L Open bottom concrete 😊 DOT: No

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no overtopping over last 10 years, frequent clogging. Damage has occurred from flooding. The inlet is currently deformed slightly, and has been subject to inundation in the past, with the embankment fill above subsided and eroded. No flooding
Change in culvert width	Approx. 7.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 1-2x
Cut-offs or detours	Cut Offs: 0 Detours: 5.5 miles; >20 homes, >20 businesses, >5 infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-31- Phillips, East Madrid Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Approximately 16 Phillips residences rely immediately on access to state Route 142 along the East Madrid Road, and would be forced to detour approximately 5 miles if this culvert were to fail. Further, Madrid Township residences along this road would be a public and private access would be similarly limited, including fire, police and ambulances, school buses, public works, commercial traffic and delivery services. Additionally, the heavyweight traffic from the nearby asphalt plant has an impact on the viability of the current culvert.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15063
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Attached letter from Paul Christman of DMR – key tributary to provide coldwater refuge for juvenile Atlantic salmon moving up from spawning sites in the Sandy River downstream from this site. Attached letter of support from Elizabeth Thorndike of IFW – historic brook trout stream with cold-water habitat
Habitat Opened/Improved	1.96 miles Good ATS CH, ATS DPS, 25.5 Units ATS high priority modelled habitat, IWWH
Fish present, source of info	brook trout, possible Atlantic salmon

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-31- Phillips, East Madrid Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$144000 Requested: \$125000 Match: \$19000, 13.1%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	Prelim design, engineer TBD
Other comments	A.Abbott Design, Atlantic Salmon Federation support, IF&W support, DMR Support,

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-32- Pittston, Blodgett Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Pittston
Road name	Blodgett Road
Stream Name	Unnamed tributary to Eastern River
Existing Culvert Size & Material	7'Dx40'L CMP
Crossing Age	Unknown
Bankfull width and method	21.5 ; single upstream downstream measurements, chose modelled value of significantly less. Measured value: 21.5'
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9.5'Sx6'Hx40'L Open bottom metal arch on concrete footers DOT: No

Estimated time to failure	>1
Previous flooding or failure events, documentation, culvert condition, age	No overtopping, beaver damage/cleaning every year. water flows beneath and around the structure from one side to the other. Rusted out and not functioning as designed
Change in culvert width	Approx. 1.3 x
Design meets DOT 100-year flood standard	yes?, but unsure based on BFW measurements, need to calculate
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 12 Homes Detours: n/a, cut-off

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-32- Pittston, Blodgett Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Twelve homes down Blodgett Road would be completely isolated from critical public services and all town amenities should the crossing fail.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: single upstream downstream measurements, chose modelled value of significantly less. Measured value: 21.5' Longitudinal profile of stream beyond culvert influence completed? : Yes Longitudinal profile, prelimes design
1.2 x BFW or Tidal analysis sizing, considerations performed	No
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15975
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no salmon habitat or fisheries concerns with project
Habitat Opened/Improved	2.86 miles IWWH, ATS CH, ATS modelled habitat 35.81 units
Fish present, source of info	Yes, observed

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$153000 Requested: \$125000 Match: \$28000, 18.3 %
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-32- Pittston, Blodgett Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10k in engineering. Low confidence in bankfull width and structure sizing
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-32- Pittston, Blodgett Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Pittston
Road name	Blodgett Road
Stream Name	Unnamed tributary to Eastern River
Existing Culvert Size & Material	7'Dx40'L CMP
Crossing Age	Unknown
Bankfull width and method	21.5 ; single upstream downstream measurements, chose modelled value of significantly less. Measured value: 21.5'
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9.5'Sx6'Hx40'L Open bottom metal arch on concrete footers DOT: No

Estimated time to failure	>1
Previous flooding or failure events, documentation, culvert condition, age	No overtopping, beaver damage/cleaning every year. water flows beneath and around the structure from one side to the other. Rusted out and not functioning as designed
Change in culvert width	Approx. 1.3 x
Design meets DOT 100-year flood standard	yes?, but unsure based on BFW measurements, need to calculate
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 12 Homes Detours: n/a, cut-off
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Twelve homes down Blodgett Road would be completely isolated from critical public services and all town amenities should the crossing fail. <i>So, cut off/isolation of 12 residences, 143 cars/day traffic count.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-32- Pittston, Blodgett Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: single upstream downstream measurements, chose modelled value of significantly less. Measured value: 21.5' Longitudinal profile of stream beyond culvert influence completed? : Yes Longitudinal profile, prelimes design
1.2 x BFW or Tidal analysis sizing, considerations performed	No
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15975
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no salmon habitat or fisheries concerns with project
Habitat Opened/Improved	2.86 miles IWWH, ATS CH, ATS modelled habitat 35.81 units
Fish present, source of info	Yes, observed. <i>Species unknown.</i> <i>US from Eastern R, perhaps only smelt usage, no input from fisheries concerns from agencies, IF&W 0, modelled ATS only. DMR comments "Adjacent to (upstream of) high priority Smelt habitat." Score 4.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$153000 Requested: \$125000 Match: \$28000, 18.3 %
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-32- Pittston, Blodgett Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10k in engineering. Low confidence in bankfull width and structure sizing <i>18% match/28k.</i>
Other comments	<i>BFW questionable (di not us 3 up/downstream), used smaller modelled number, too small?? Calls sizing into question. More detail in figures would be useful, very simplistic diagrams.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
 RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
 BIDDER NAME: 2021R-32- Pittston, Blodgett Road
 DATE: January 3, 2022
 EVALUATOR NAME: Jonathan Cullen
 EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Pittston
Road name	Blodgett Road
Stream Name	Unnamed tributary to Eastern River
Existing Culvert Size & Material	7'Dx40'L CMP
Crossing Age	Unknown
Bankfull width and method	21.5 ; single upstream downstream measurements, chose modelled value of significantly less. Measured value: 21.5'
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9.5'Sx6'Hx40'L Open bottom metal arch on concrete footers DOT: No

Estimated time to failure	>1
Previous flooding or failure events, documentation, culvert condition, age	No overtopping, beaver damage/cleaning every year. water flows beneath and around the structure from one side to the other. Rusted out and not functioning as designed
Change in culvert width	Approx. 1.3 x
Design meets DOT 100-year flood standard	yes?, but unsure based on BFW measurements, need to calculate
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 12 Homes Detours: n/a, cut-off

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-32- Pittston, Blodgett Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Twelve homes down Blodgett Road would be completely isolated from critical public services and all town amenities should the crossing fail.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: single upstream downstream measurements, chose modelled value of significantly less. Measured value: 21.5' Longitudinal profile of stream beyond culvert influence completed? : Yes Longitudinal profile, prelimes design
1.2 x BFW or Tidal analysis sizing, considerations performed	No
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15975
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no salmon habitat or fisheries concerns with project
Habitat Opened/Improved	2.86 miles IWWH, ATS CH, ATS modelled habitat 35.81 units
Fish present, source of info	Yes, observed

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$153000 Requested: \$125000 Match: \$28000, 18.3 %
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-32- Pittston, Blodgett Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10k in engineering. Low confidence in bankfull width and structure sizing
Other comments	Less than bankfull width; only 1 bankfull width measurement? no coldwater fish; low IFW score; 2.8 miles opened; needs engineering work

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-32- Pittston, Blodgett Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Pittston
Road name	Blodgett Road
Stream Name	Unnamed tributary to Eastern River
Existing Culvert Size & Material	7'Dx40'L CMP
Crossing Age	Unknown
Bankfull width and method	21.5 ; single upstream downstream measurements, chose modelled value of significantly less. Measured value: 21.5'
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9.5'Sx6'Hx40'L Open bottom metal arch on concrete footers 😊 DOT: No

Estimated time to failure	>1
Previous flooding or failure events, documentation, culvert condition, age	No overtopping, beaver damage/cleaning every year. water flows beneath and around the structure from one side to the other. Rusted out and not functioning as designed No flooding
Change in culvert width	Approx. 1.3 x
Design meets DOT 100-year flood standard	yes?, but unsure based on BFW measurements, need to calculate
Regularly obstruction or maintenance required	yes, annually
Cut-offs or detours	Cut Offs: 12 Homes Detours: n/a, cut-off
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Twelve homes down Blodgett Road would be completely isolated from critical public services and all town amenities should the crossing fail.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-32- Pittston, Blodgett Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: single upstream downstream measurements, chose modelled value of significantly less. Measured value: 21.5' Longitudinal profile of stream beyond culvert influence completed? : Yes Longitudinal profile, prelimes design
1.2 x BFW or Tidal analysis sizing, considerations performed	No
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15975
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no salmon habitat or fisheries concerns with project
Habitat Opened/Improved	2.86 miles IWWH, ATS CH, ATS modelled habitat 35.81 units 😊
Fish present, source of info	Yes, observed KIND??

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$153000 Requested: \$125000 Match: \$28000, 18.3 %
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$unknown
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-32- Pittston, Blodgett Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10k in engineering. Low confidence in bankfull width and structure sizing 😞
Other comments	12 cut off homes, TNC support, St. Germain/ Contech design,

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-33- Pittston, Pinkham Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Pittston
Road name	Pinkham Road
Stream Name	Stony Meadow Brook
Existing Culvert Size & Material	8'Dx60'L CMP
Crossing Age	32
Bankfull width and method	25 ; single upstream downstream measurements, chose single DS measurment for sizing, modelled value (typically underestimated) is ~20'
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	31'2"Sx10'Hx33'L Open bottom concrete arch DOT: Yes, Plans reviewed

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	The crossing overtops 2-3 feet annually and causes a full road closure every spring for approximately a week. On Oct 31, 2021, heavy rains flooded the road and required a three-day road closure. Significant portions of the metal culvert have eroded and it
Change in culvert width	Approx. 3.8 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, frequently
Cut-offs or detours	Cut Offs: 0 Detours: 6 miles; >65 homes, 2 critical infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-33- Pittston, Pinkham Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>Pinkham Road is a through road that connects Route 126 and Route 226. Those commuting to Togus VA Hospital frequently use this road. The Pittston Central Fire Station is located on Route 126, when this Pinkham Road crossing overtops, all the houses to the</p> <p>The culvert's current condition has warranted the road weight limit to be reduced to 13 tons. Signs of significant damage to the structure were observed during the stream survey.</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	<p>Bankfull width method: single upstream downstream measurements, chose single DS measurement for sizing, modelled value (typically underestimated) is ~20'</p> <p>Longitudinal profile of stream beyond culvert influence completed? : Yes</p> <p>Longitudinal profile, prelimes design</p>
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	<p>Type of bottom - Pebble count</p> <p>Banks? - Yes</p>
New Structure considerations	
Barrier status, source	<p>Potential Barrier</p> <p>Maine Stream Habitat Viewer ID: 15996</p>
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	<p>Denis-Marc Nault of MDMR indicated "Atlantic Salmon parr have been stocked upstream but in low numbers for a research project" and "parts of the tributary have been surveyed and has limited juvenile salmon habitat." Contacted IFW: No fisheries concerns</p>
Habitat Opened/Improved	<p>5.26 miles</p> <p>ATS CH, ATS Modelled habitat 56.66 units</p>
Fish present, source of info	Atlantic salmon

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-33- Pittston, Pinkham Road

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$375000 Requested: \$125000 Match: \$250000, 66%,
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10k in engineering. design reviewed by DOT
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-33- Pittston, Pinkham Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Pittston
Road name	Pinkham Road
Stream Name	Stony Meadow Brook
Existing Culvert Size & Material	8'Dx60'L CMP
Crossing Age	32
Bankfull width and method	25 ; single upstream downstream measurements, chose single DS measurment for sizing, modelled value (typically underestimated) is ~20'
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	31'2"Sx10'Hx33'L Open bottom concrete arch DOT: Yes, Plans reviewed

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	The crossing overtops 2-3 feet annually and causes a full road closure every spring for approximately a week. On Oct 31, 2021, heavy rains flooded the road and required a three-day road closure. Significant portions of the metal culvert have eroded. Pics/looks like nearly total blockage due to peeled metal sheet, not sure of origin from pictures. Major, frequent flooding.
Change in culvert width	Approx. 3.8 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, frequently
Cut-offs or detours	Cut Offs: 0 Detours: 6 miles; >65 homes, 2 critical infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-33- Pittston, Pinkham Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>Pinkham Road is a through road that connects Route 126 and Route 226. Those commuting to Togus VA Hospital frequently use this road. The Pittston Central Fire Station is located on Route 126, when this Pinkham Road crossing overtops, all the houses to the</p> <p>The culvert's current condition has warranted the road weight limit to be reduced to 13 tons. Signs of significant damage to the structure were observed during the stream survey. <i>Weight limit and major damage indicate need.</i></p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	<p>Bankfull width method: single upstream downstream measurements, chose single DS measurement for sizing, modelled value (typically underestimated) is ~20'</p> <p>Longitudinal profile of stream beyond culvert influence completed? : Yes</p> <p>Longitudinal profile, prelimes design</p>
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 15996
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Denis-Marc Nault of MDMR indicated "Atlantic Salmon parr have been stocked upstream but in low numbers for a research project" and "parts of the tributary have been surveyed and has limited juvenile salmon habitat." Contaced IFW: No fisheries concerns
Habitat Opened/Improved	5.26 miles ATS CH, ATS Modelled habitat 56.66 units
Fish present, source of info	Atlantic salmon <i>Some ATS stocking (parr), good long stretch opened at >5 mi. NO IF&W inland fisheries interest/concern. No barriers DS to Togus Str., 3 US barriers. DMR comments "Surveyed ATS habitat immediately downstream; Tributary to Togus Stream." Score 4.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-33- Pittston, Pinkham Road

DATE: 12/14/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$375000 Requested: \$125000 Match: \$250000, 0.66
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10k in engineering. design reviewed by DOT <i>Planned funding. Probability good.</i>
Other comments	<i>Stream profile somewhat hard to understand, size of span proposed very large, questionable approval DOT.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-33- Pittston, Pinkham Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

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Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Pittston
Road name	Pinkham Road
Stream Name	Stony Meadow Brook
Existing Culvert Size & Material	8'Dx60'L CMP
Crossing Age	32
Bankfull width and method	25 ; single upstream downstream measurements, chose single DS measurment for sizing, modelled value (typically underestimated) is ~20'
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	31'2"Sx10'Hx33'L Open bottom concrete arch DOT: Yes, Plans reviewed

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	The crossing overtops 2-3 feet annually and causes a full road closure every spring for approximately a week. On Oct 31, 2021, heavy rains flooded the road and required a three-day road closure. Significant portions of the metal culvert have eroded and it
Change in culvert width	Approx. 3.8 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, frequently
Cut-offs or detours	Cut Offs: 0 Detours: 6 miles; >65 homes, 2 critical infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-33- Pittston, Pinkham Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>Pinkham Road is a through road that connects Route 126 and Route 226. Those commuting to Togus VA Hospital frequently use this road. The Pittston Central Fire Station is located on Route 126, when this Pinkham Road crossing overtops, all the houses to the</p> <p>The culvert's current condition has warranted the road weight limit to be reduced to 13 tons. Signs of significant damage to the structure were observed during the stream survey.</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	<p>Bankfull width method: single upstream downstream measurements, chose single DS measurement for sizing, modelled value (typically underestimated) is ~20'</p> <p>Longitudinal profile of stream beyond culvert influence completed? : Yes</p> <p>Longitudinal profile, prelimes design</p>
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 15996
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Denis-Marc Nault of MDMR indicated "Atlantic Salmon parr have been stocked upstream but in low numbers for a research project" and "parts of the tributary have been surveyed and has limited juvenile salmon habitat." Contacted IFW: No fisheries concerns
Habitat Opened/Improved	5.26 miles ATS CH, ATS Modelled habitat 56.66 units
Fish present, source of info	Atlantic salmon

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-33- Pittston, Pinkham Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$375000 Requested: \$125000 Match: \$250000, 0.6666666666666663,
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10k in engineering. design reviewed by DOT
Other comments	5.5 miles of stream opened up; Atlantic salmon research project; Crossing overtops regularly;

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-33- Pittston, Pinkham Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Pittston
Road name	Pinkham Road
Stream Name	Stony Meadow Brook
Existing Culvert Size & Material	8'Dx60'L CMP
Crossing Age	32
Bankfull width and method	25 ; single upstream downstream measurements, chose single DS measurment for sizing, modelled value (typically underestimated) is ~20'
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	31'2"Sx10'Hx33'L Open bottom concrete arch 😊 DOT: Yes, Plans reviewed

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	The crossing overtops 2-3 feet annually and causes a full road closure every spring for approximately a week. On Oct 31, 2021, heavy rains flooded the road and required a three-day road closure. Significant portions of the metal culvert have eroded and it
Change in culvert width	Approx. 3.8 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, frequently
Cut-offs or detours	Cut Offs: 0 Detours: 6 miles; >65 homes, 2 critical infrastructure

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-33- Pittston, Pinkham Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>Pinkham Road is a through road that connects Route 126 and Route 226. Those commuting to Togus VA Hospital frequently use this road. The Pittston Central Fire Station is located on Route 126, when this Pinkham Road crossing overtops, all the houses to the</p> <p>The culvert's current condition has warranted the road weight limit to be reduced to 13 tons. Signs of significant damage to the structure were observed during the stream survey.</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	<p>Bankfull width method: single upstream downstream measurements, chose single DS measurement for sizing, modelled value (typically underestimated) is ~20'</p> <p>Longitudinal profile of stream beyond culvert influence completed? : Yes</p> <p>Longitudinal profile, prelimes design</p>
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	<p>Type of bottom - Pebble count</p> <p>Banks? - Yes</p>
New Structure considerations	
Barrier status, source	<p>Potential Barrier</p> <p>Maine Stream Habitat Viewer ID: 15996</p>
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	<p>Denis-Marc Nault of MDMR indicated "Atlantic Salmon parr have been stocked upstream but in low numbers for a research project" and "parts of the tributary have been surveyed and has limited juvenile salmon habitat." Contacted IFW: No fisheries concerns</p>
Habitat Opened/Improved	<p>5.26 miles 😊</p> <p>ATS CH, ATS Modelled habitat 56.66 units</p>
Fish present, source of info	Atlantic salmon

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-33- Pittston, Pinkham Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$375000 Requested: \$125000 Match: \$250000, 0.6666666666666663,
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10k in engineering. design reviewed by DOT 😊
Other comments	TNC support, St. Germain/ Contech design,

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-34- Richmond, Beedle Road (West)

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Richmond
Road name	Beedle Road (West)
Stream Name	Abagadasset River
Existing Culvert Size & Material	(2) 4.5'Dx80'L CMP
Crossing Age	35+
Bankfull width and method	13.6 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17'Sx6'Hx60'L 4 Sided Concrete Box DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	The crossing has caused flooding six times over the past 2 years and over 30 times over the past 10 years. The road is showing significant erosion at the crossing at both the inlet and outlet. Road closures during flooding
Change in culvert width	Approx. 1.8 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 1-2x per year
Cut-offs or detours	Cut Offs: 0 Detours: 7 miles; 10 homes, 5 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-34- Richmond, Beedle Road (West)

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>emergency services</p> <p>The erosion at both the inlet and outlet has resulted in excessive debris that is plugging culverts. The roadway is undermined at each flood event, which will ultimately lead to complete failure of the crossing. If the road continues to flood it is in danger of collapsing.</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	<p>Bankfull width method: Multiple Field Average</p> <p>Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans</p>
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	<p>Type of bottom - Pebble count</p> <p>Banks? - Yes</p>
New Structure considerations	
Barrier status, source	<p>Potential Barrier</p> <p>Maine Stream Habitat Viewer ID: 15907</p>
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	<p>Wes Ashe MDIFW did say that a larger structure would certainly benefit this site by limiting erosion, enhancing road integrity, providing natural flow, and reducing any artificial ponding on the upstream. This crossing is on the Abadagasset River, which is designated as a critical habitat for Atlantic Salmon, Alewife, Sea-Run Rainbow Smelt, Wild Eastern Brook Trout, and Sea-run Rainbow Smelt.</p>
Habitat Opened/Improved	<p>8.4 miles</p> <p>ATS CH, Brook trout habitat</p>
Fish present, source of info	creek chub, pumpkinseed sunfish -IFW survey. Contacted DMR, no response, brook trout

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-34- Richmond, Beedle Road (West)

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$374000 Requested: \$125000 Match: \$249000, 66.57%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$4000 in 2020, unsure of other years
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-34- Richmond, Beedle Road (West)

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Richmond
Road name	Beedle Road (West)
Stream Name	Abagadasset River
Existing Culvert Size & Material	(2) 4.5'Dx80'L CMP
Crossing Age	35+
Bankfull width and method	13.6 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17'Sx6'Hx60'L 4 Sided Concrete Box DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	The crossing has caused flooding six times over the past 2 years and over 30 times over the past 10 years. The road is showing significant erosion at the crossing at both the inlet and outlet. Road closures during flooding. <i>Culvert clogged?, no light visible thru in photos, frequent flooding.</i>
Change in culvert width	Approx. 1.8 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 1-2x per year
Cut-offs or detours	Cut Offs: 0 Detours: 7 miles; 10 homes, 5 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-34- Richmond, Beedle Road (West)

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services The erosion at both the inlet and outlet has resulted in excessive debris that is plugging culverts. The roadway is undermined at each flood event, which will ultimately lead to complete failure of the crossing. If the road continues to flood it is in danger of collapsing. <i>Traffic moderate.</i>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 15907
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Wes Ashe MDIFW did say that a larger structure would certainly benefit this site by limiting erosion, enhancing road integrity, providing natural flow, and reducing any artificial ponding on the upstream. This crossing is on the Abadagasset River, which is designated as a critical habitat for Atlantic Salmon, Alewife, Sea-Run Rainbow Smelt, Wild Eastern Brook Trout, and Sea-run Rainbow Smelt.
Habitat Opened/Improved	8.4 miles <i>May be impassible at 295 crossings?</i> ATS CH, Brook trout habitat
Fish present, source of info	creek chub, pumkinseed sunfish -IFW survey. Contacted DMR, no response, brook trout <i>Questionable passage under I-295 which is just upstream, Aby R. is crit. Hab for 5 anadromous species, but questionable how far up. Is listed as BKT habitat but temps may be quite warm. Erosion improvement is major impact, as old site is terribly eroded. DMR comments "no managed sea-run species in immediate area." Score 2.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-34- Richmond, Beedle Road (West)

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$374000 Requested: \$125000 Match: \$249000, 66.57%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$4000 in 2020, unsure of other years
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering <i>67% match, fairly expensive project for town.</i>
Other comments	<i>Very minimal overhead clearance, proposed stream profile looks like it is essentially flat. Good field work but question elevation.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-34- Richmond, Beedle Road (West)

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Richmond
Road name	Beedle Road (West)
Stream Name	Abagadasset River
Existing Culvert Size & Material	(2) 4.5'Dx80'L CMP
Crossing Age	35+
Bankfull width and method	13.6 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17'Sx6'Hx60'L 4 Sided Concrete Box DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	The crossing has caused flooding six times over the past 2 years and over 30 times over the past 10 years. The road is showing significant erosion at the crossing at both the inlet and outlet. Road closures during flooding
Change in culvert width	Approx. 1.8 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 1-2x per year
Cut-offs or detours	Cut Offs: 0 Detours: 7 miles; 10 homes, 5 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-34- Richmond, Beedle Road (West)

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>emergency services</p> <p>The erosion at both the inlet and outlet has resulted in excessive debris that is plugging culverts. The roadway is undermined at each flood event, which will ultimately lead to complete failure of the crossing. If the road continues to flood it is in danger of collapsing.</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	<p>Bankfull width method: Multiple Field Average</p> <p>Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans</p>
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	<p>Type of bottom - Pebble count</p> <p>Banks? - Yes</p>
New Structure considerations	
Barrier status, source	<p>Potential Barrier</p> <p>Maine Stream Habitat Viewer ID: 15907</p>
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	<p>Wes Ashe MDIFW did say that a larger structure would certainly benefit this site by limiting erosion, enhancing road integrity, providing natural flow, and reducing any artificial ponding on the upstream. This crossing is on the Abadagasset River, which is designated as a critical habitat for Atlantic Salmon, Alewife, Sea-Run Rainbow Smelt, Wild Eastern Brook Trout, and Sea-run Rainbow Smelt.</p>
Habitat Opened/Improved	<p>8.4 miles</p> <p>ATS CH, Brook trout habitat</p>
Fish present, source of info	creek chub, pumpkinseed sunfish -IFW survey. Contacted DMR, no response, brook trout

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-34- Richmond, Beedle Road (West)

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$374000 Requested: \$125000 Match: \$249000, 66.57%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$4000 in 2020, unsure of other years
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering
Other comments	Warmwater fish; kind of a bathtub; overtops on a regular basis; looks like it opens a fair amount of upstream habitat provided the crossing under I-95 is adequate.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-34- Richmond, Beedle Road (West)

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Richmond
Road name	Beedle Road (West)
Stream Name	Abagadasset River
Existing Culvert Size & Material	(2) 4.5'Dx80'L CMP
Crossing Age	35+
Bankfull width and method	13.6 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17'Sx6'Hx60'L 4 Sided Concrete Box ☹️ DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	The crossing has caused flooding six times over the past 2 years and over 30 times over the past 10 years. The road is showing significant erosion at the crossing at both the inlet and outlet. Road closures during flooding
Change in culvert width	Approx. 1.8 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 1-2x per year
Cut-offs or detours	Cut Offs: 0 Detours: 7 miles; 10 homes, 5 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-34- Richmond, Beedle Road (West)

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>emergency services</p> <p>The erosion at both the inlet and outlet has resulted in excessive debris that is plugging culverts. The roadway is undermined at each flood event, which will ultimately lead to complete failure of the crossing. If the road continues to flood it is in danger of collapsing.</p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 15907
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Wes Ashe MDIFW did say that a larger structure would certainly benefit this site by limiting erosion, enhancing road integrity, providing natural flow, and reducing any artificial ponding on the upstream. This crossing is on the Abadagasset River, which is designated as a critical habitat for Atlantic Salmon, Alewife, Sea-Run Rainbow Smelt, Wild Eastern Brook Trout, and Sea-run Rainbow Smelt.
Habitat Opened/Improved	8.4 miles ATS CH, Brook trout habitat 😊
Fish present, source of info	creek chub, pumkinseed sunfish -IFW survey. Contacted DMR, no response, brook trout ?????

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-34- Richmond, Beedle Road (West)

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$374000 Requested: \$125000 Match: \$249000, 66.57%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$4000 in 2020, unsure of other years
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering 😊
Other comments	Pinetree design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-35- Richmond, Beedle Road (East)

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Richmond
Road name	Beedle Road (East)
Stream Name	Unnamed tributary to Abagadasset River
Existing Culvert Size & Material	6'Dx68'L CMP
Crossing Age	35+
Bankfull width and method	7.1' ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9'sx8'Hx45'L 5 Sided Concrete Box DOT: n/a

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	overtopping over road approx. 2x year, damage reported, undersized. The culvert inlet is damaged. There is considerable road erosion at the crossing that puts the integrity of the road at risk. This culvert is over 35 years old, is split at a joint, and i
Change in culvert width	Approx. 1.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 5.1 miles; 10 homes, 5 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-35- Richmond, Beedle Road (East)

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services Approximately twice a year the crossing overtops and drains into the fields of Roseberry Farm, causing damage to crops and impacting the farmer's livelihood. Currently the crossing does not have any guardrails
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	barrier, perched Maine Stream Habitat Viewer ID: 0
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no response from DMR
Habitat Opened/Improved	0 miles ATS CH
Fish present, source of info	creek chub, brook trout might be present- Wes Ashe @ IFW

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$226000 Requested: \$125000 Match: \$101000, 44.69%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-35- Richmond, Beedle Road (East)

DATE: 12/6/21, 12/14/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Application submitted
Costs over previous 10 years	\$none
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-35- Richmond, Beedle Road (East)

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Richmond
Road name	Beedle Road (East)
Stream Name	Unnamed tributary to Abagadasset River
Existing Culvert Size & Material	6'Dx68'L CMP
Crossing Age	35+
Bankfull width and method	7.1' ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9'sx8'Hx45'L 4 Sided Concrete Box DOT: n/a

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	overtopping over road approx. 2x year, damage reported, undersized. The culvert inlet is damaged. There is considerable road erosion at the crossing that puts the integrity of the road at risk. This culvert is over 35 years old, is split at a joint <i>Serious erosion, major failure, piping, etc.</i>
Change in culvert width	Approx. 1.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 5.1 miles; 10 homes, 5 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-35- Richmond, Beedle Road (East)

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services Approximately twice a year the crossing overtops and drains into the fields of Roseberry Farm, causing damage to crops and impacting the farmer's livelihood. Currently the crossing does not have any guardrails
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	barrier, perched Maine Stream Habitat Viewer ID: 0
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no response from DMR <i>Rated 0 by IF&W.</i>
Habitat Opened/Improved	0 miles (1.05 mi. based on estimate from DOT map viewer) ATS CH
Fish present, source of info	creek chub, brook trout might be present- Wes Ashe @ IFW <i>Trib to Aby R., little habitat and likely wam water except for IFW comment that "BKT may be present." This is currently impassable, but little probable fisheries benefit. Habitat questionable. Good WQ benefit due to horrible erosion at old site. DMR comments "no managed sea-run species in immediate area." Score 2.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$226000 Requested: \$125000 Match: \$101000, 44.69%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-35- Richmond, Beedle Road (East)

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans
Army Corp Permit info	Application submitted
Costs over previous 10 years	\$none
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering <i>Fairly expensive project, high match 45%.</i>
Other comments	<i>Alignment looks like it could be improved with an angle change.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-35- Richmond, Beedle Road (East)

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Richmond
Road name	Beedle Road (East)
Stream Name	Unnamed tributary to Abagadasset River
Existing Culvert Size & Material	6'Dx68'L CMP
Crossing Age	35+
Bankfull width and method	7.1' ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9'sx8'Hx45'L 5 Sided Concrete Box DOT: n/a

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	overtopping over road approx. 2x year, damage reported, undersized. The culvert inlet is damaged. There is considerable road erosion at the crossing that puts the integrity of the road at risk. This culvert is over 35 years old, is split at a joint, and i
Change in culvert width	Approx. 1.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 5.1 miles; 10 homes, 5 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-35- Richmond, Beedle Road (East)

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services Approximately twice a year the crossing overtops and drains into the fields of Roseberry Farm, causing damage to crops and impacting the farmer's livelihood. Currently the crossing does not have any guardrails
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	barrier, perched Maine Stream Habitat Viewer ID: 0
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no response from DMR
Habitat Opened/Improved	0 miles ATS CH
Fish present, source of info	creek chub, brook trout might be present- Wes Ashe @ IFW

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$226000 Requested: \$125000 Match: \$101000, 44.69%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-35- Richmond, Beedle Road (East)

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Application submitted
Costs over previous 10 years	\$none
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering
Other comments	About 1 mile opened up; brookies?; doesn't seem likely perhaps upstream where the stream has a wooded buffer; Nice design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-35- Richmond, Beedle Road (East)

DATE: 1/3/22

EVALUATOR NAME: David A Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Richmond
Road name	Beedle Road (East)
Stream Name	Unnamed tributary to Abagadasset River
Existing Culvert Size & Material	6'Dx68'L CMP
Crossing Age	35+
Bankfull width and method	7.1' ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	9'sx8'Hx45'L 4 Sided Concrete Box 😞 DOT: n/a

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	overtopping over road approx. 2x year , damage reported, undersized. The culvert inlet is damaged. There is considerable road erosion at the crossing that puts the integrity of the road at risk. This culvert is over 35 years old, is split at a joint, and i
Change in culvert width	Approx. 1.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 5.1 miles; 10 homes, 5 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-35- Richmond, Beedle Road (East)

DATE: 1/3/22

EVALUATOR NAME: David A Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency services Approximately twice a year the crossing overtops and drains into the fields of Roseberry Farm, causing damage to crops and impacting the farmer's livelihood. Currently the crossing does not have any guardrails
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes full profile, survey, 90% plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble count Banks? - Yes
New Structure considerations	
Barrier status, source	barrier, perched Maine Stream Habitat Viewer ID: 0
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no response from DMR
Habitat Opened/Improved	0 miles ATS CH 😞
Fish present, source of info	creek chub, brook trout might be present - Wes Ashe @ IFW

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$226000 Requested: \$125000 Match: \$101000, 44.69%
Engineering	To be stamped?: Yes Level of plan included: Site specific 90%+ plans

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-35- Richmond, Beedle Road (East)

DATE: 1/3/22

EVALUATOR NAME: David A Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Application submitted
Costs over previous 10 years	\$none
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering 😊
Other comments	Pinetree design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-36- Rockport, West Street Extension

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Rockport
Road name	West Street Extension
Stream Name	Oyster River
Existing Culvert Size & Material	5.02'Sx5.4'Hx33'L (MSHV) (2nd overflow also) CMP, Plastic
Crossing Age	unknown
Bankfull width and method	14 ; Multiple Field Average (11.5', went with higher calculated value
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.75'x7.5'Hx40'L Open bottom concrete box DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	overtopped 5 out last 10 years, cleaning 3x per year, flooding damage photos provided.31 October 2021, the road was almost washed out. Slightly damaged to a point where it will be replaced in 2022. Road closure
Change in culvert width	Approx. 3.1 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 3 x year
Cut-offs or detours	Cut Offs: 0 Detours: 2.6 mile detour

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-36- Rockport, West Street Extension

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	unknown affect to homes, businesses emergency response
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average (11.5', went with higher calculated value Longitudinal profile of stream beyond culvert influence completed? : ? BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - ?
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 4421
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contact with USFWS, IFW , designated Critical Habitat
Habitat Opened/Improved	0.87 miles ATS CH
Fish present, source of info	assumed, ATS unlikely per Wende Mahaney USFWS

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$473000 Requested: \$125000 Match: \$348000, 73.5%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-36- Rockport, West Street Extension

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	unsure
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-36- Rockport, West Street Extension

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Rockport
Road name	West Street Extension
Stream Name	Oyster River
Existing Culvert Size & Material	5.02'Sx5.4'Hx33'L (MSHV) (2nd overflow also) CMP, Plastic
Crossing Age	unknown
Bankfull width and method	14 ; Multiple Field Average (11.5', went with higher calculated value
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.75'x7.5'Hx40'L Open bottom concrete box DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	overtopped 5 out last 10 years, cleaning 3x per year, flooding damage photos provided. 31 October 2021, the road was almost washed out. Slightly damaged to a point where it will be replaced in 2022. Road closure. <i>Frequent flooding, but flood damage photos not evident or included. Not well detailed but seems to be a regular problem based on text.</i>
Change in culvert width	Approx. 3.1 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 3 x year
Cut-offs or detours	Cut Offs: 0 Detours: 2.6 mile detour <i>Little info on homes or businesses, not much corroboration, just detour distance.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-36- Rockport, West Street Extension

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	unknown affect to homes, businesses emergency response
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average (11.5', went with higher calculated value Longitudinal profile of stream beyond culvert influence completed? : ? BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - ?
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 4421
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contact with USFWS, IFW , designated Critical Habitat
Habitat Opened/Improved	0.87 miles, <i>DS is one passable crossing and an impassible pond outlet dam.</i> ATS CH
Fish present, source of info	assumed, ATS unlikely per Wende Mahaney USFWS <i>IF&W score 0, very flat gradient/wetland area, below barriers DS is Oyster R but not connected due to dam/pond. DMR comments "Tributary to St. George River." Score 2.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$473000 Requested: \$125000 Match: \$348000, 73.5%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-36- Rockport, West Street Extension

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	unsure
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering <i>74% match, expensive project, high erosion/sedimentation costs, town capability good.</i>
Other comments	<i>BFW in shown cross section is 13', rather than the 16' span due to boulders and bank construction. Banks not checked off but appear in cross section plan. Did do field BFW but went with a calculated value for sizing. No profile and pebble count TBD.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-36- Rockport, West Street Extension

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Rockport
Road name	West Street Extension
Stream Name	Oyster River
Existing Culvert Size & Material	5.02'Sx5.4'Hx33'L (MSHV) (2nd overflow also) CMP, Plastic
Crossing Age	unknown
Bankfull width and method	14 ; Multiple Field Average (11.5', went with higher calculated value
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.75'x7.5'Hx40'L Open bottom concrete box DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	overtopped 5 out last 10 years, cleaning 3x per year, flooding damage photos provided.31 October 2021, the road was almost washed out. Slightly damaged to a point where it will be replaced in 2022. Road closure
Change in culvert width	Approx. 3.1 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 3 x year
Cut-offs or detours	Cut Offs: 0 Detours: 2.6 mile detour

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-36- Rockport, West Street Extension

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	unknown affect to homes, businesses emergency response
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average (11.5', went with higher calculated value Longitudinal profile of stream beyond culvert influence completed? : ? BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - ?
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 4421
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contact with USFWS, IFW , designated Critical Habitat
Habitat Opened/Improved	0.87 miles ATS CH
Fish present, source of info	assumed, ATS unlikely per Wende Mahaney USFWS

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$473000 Requested: \$125000 Match: \$348000, 73.5%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-36- Rockport, West Street Extension

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	unsure
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering
Other comments	Some sort of fish present; no cold water species; overtops; say that stream profile has been completed but they didn't include results.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-36- Rockport, West Street Extension

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Rockport
Road name	West Street Extension
Stream Name	Oyster River
Existing Culvert Size & Material	5.02'Sx5.4'Hx33'L (MSHV) (2nd overflow also) CMP, Plastic
Crossing Age	unknown
Bankfull width and method	14 ; Multiple Field Average (11.5', went with higher calculated value
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	15.75'x7.5'Hx40'L Open bottom concrete box 😊 DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	overtopped 5 out last 10 years, cleaning 3x per year, flooding damage photos provided.31 October 2021, the road was almost washed out. Slightly damaged to a point where it will be replaced in 2022. Road closure
Change in culvert width	Approx. 3.1 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, 3 x year
Cut-offs or detours	Cut Offs: 0 Detours: 2.6 mile detour

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-36- Rockport, West Street Extension

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	unknown affect to homes, businesses emergency response
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average (11.5', went with higher calculated value Longitudinal profile of stream beyond culvert influence completed? : ? BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - ?
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 4421
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contact with USFWS, IFW , designated Critical Habitat
Habitat Opened/Improved	0.87 miles 😞 ATS CH
Fish present, source of info	assumed, ATS unlikely per Wende Mahaney USFWS ????

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$473000 Requested: \$125000 Match: \$348000, 73.5%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-36- Rockport, West Street Extension

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	unsure
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering 😊
Other comments	Gartley & Dorsky design,

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-37- Rockport, Robinson Drive

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Rockport
Road name	Robinson Drive
Stream Name	Oyster River
Existing Culvert Size & Material	12'Sx8'Hx56'L CMP, PLastic
Crossing Age	unknown
Bankfull width and method	31 ; Multiple Field Average (26.5', went with higher calculated value
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	31' spanx10'H x31'L? Open bottom aluminum arch DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	previous failures, extremely bad condition, collapsing photos included of damage. 31 October 2021. Road washed out due to torrential rain.
Change in culvert width	Approx. 2.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes,
Cut-offs or detours	Cut Offs: 28 homes, 1 business Detours: no detour
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-37- Rockport, Robinson Drive

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average (26.5', went with higher calculated value Longitudinal profile of stream beyond culvert influence completed? : ? BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - ?
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 4523
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contact with USFWS, IFW , designated Critical Habitat
Habitat Opened/Improved	0 miles ATS CH
Fish present, source of info	assumed, ATS unlikely per Wende Mahaney USFWS

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$772000 Requested: \$125000 Match: \$647000, 83.8 %
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$300,000.00
Construction year	2023 assumed

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-37- Rockport, Robinson Drive

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-37- Rockport, Robinson Drive

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Rockport
Road name	Robinson Drive
Stream Name	Oyster River
Existing Culvert Size & Material	12'Sx8'Hx56'L CMP, PLastic
Crossing Age	unknown
Bankfull width and method	31 ; Multiple Field Average (26.5', went with higher calculated value
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	31' spanx10'H x31'L? Open bottom aluminum arch DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	previous failures, extremely bad condition, collapsing photos included of damage. 31 October 2021. Road washed out due to torrential rain. <i>Interior of CMP looks badly folded, nearly blocked, in need of replacement. May be a barrier to passage with ongoing failure nearer inlet.</i>
Change in culvert width	Approx. 2.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes,
Cut-offs or detours	Cut Offs: 28 homes, 1 business Detours: no detour

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-37- Rockport, Robinson Drive

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

	<i>Cut off issue significant for residential area, one business, major problem to access or for EMT response.</i>
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average (26.5', went with higher calculated value Longitudinal profile of stream beyond culvert influence completed? : ? BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - ?
New Structure considerations	
Barrier status, source	No Barrier <i>Pics look like partial barrier.</i> Maine Stream Habitat Viewer ID: 4523
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contact with USFWS, IFW , designated Critical Habitat
Habitat Opened/Improved	0 miles ATS CH
Fish present, source of info	assumed, ATS unlikely per Wende Mahaney USFWS <i>IF&W rank 1, looks like major sedimentation and erosion improvement. Replacement culvert looks very poor. DMR comments "Tributary to St. George River." Score 2.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$772000 Requested: \$125000 Match: \$647000, 83.8 %
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-37- Rockport, Robinson Drive

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$300,000.00
Construction year	2023 assumed
Feasibility for success; Additional efficiencies; Design concerns or clarification required	<i>84% match, expensive project, town capability good.</i>
Other comments	<i>Good measurements BFW, so could go with 27' over 31' to save \$? Two spans noted and no plans to show which, more detail. Design somewhat less detail, stream restoration area unclear. Some information omitted from app. Aluminum construction is DOT concern, may not be suitable or be acceptable.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-37- Rockport, Robinson Drive
DATE: January 3, 2022
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:
I. Public Infrastructure Information/Public Safety

Town Name	Rockport
Road name	Robinson Drive
Stream Name	Oyster River
Existing Culvert Size & Material	12'Sx8'Hx56'L CMP, PLastic
Crossing Age	unknown
Bankfull width and method	31 ; Multiple Field Average (26.5', went with higher calculated value
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	31' spanx10'H x31'L? Open bottom aluminum arch DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	previous failures, extremely bad condition, collapsing photos included of damage. 31 October 2021. Road washed out due to torrential rain.
Change in culvert width	Approx. 2.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes,
Cut-offs or detours	Cut Offs: 28 homes, 1 business Detours: no detour
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-37- Rockport, Robinson Drive

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average (26.5', went with higher calculated value Longitudinal profile of stream beyond culvert influence completed? : ? BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - ?
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 4523
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contact with USFWS, IFW , designated Critical Habitat
Habitat Opened/Improved	0 miles ATS CH
Fish present, source of info	assumed, ATS unlikely per Wende Mahaney USFWS

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$772000 Requested: \$125000 Match: \$647000, 83.8 %
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$300,000.00
Construction year	2023 assumed

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-37- Rockport, Robinson Drive

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	
Other comments	Existing culvert is a bandaid after a washout. Large piece of the culvert is folded back on itself. Fish present, IFW says brook trout found nearby. Needs engineering work; stream profile?

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-37- Rockport, Robinson Drive

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Rockport
Road name	Robinson Drive
Stream Name	Oyster River
Existing Culvert Size & Material	12'Sx8'Hx56'L CMP, PLastic
Crossing Age	unknown
Bankfull width and method	31 ; Multiple Field Average (26.5', went with higher calculated value
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	31' spanx10'H x31'L? Open bottom aluminum arch 😞 DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	previous failures, extremely bad condition, collapsing photos included of damage. 31 October 2021. Road washed out due to torrential rain.
Change in culvert width	Approx. 2.5 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes,
Cut-offs or detours	Cut Offs: 28 homes, 1 business Detours: no detour
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-37- Rockport, Robinson Drive

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average (26.5', went with higher calculated value Longitudinal profile of stream beyond culvert influence completed? : ? BFW
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - ?
New Structure considerations	
Barrier status, source	No Barrier Maine Stream Habitat Viewer ID: 4523
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contact with USFWS, IFW , designated Critical Habitat
Habitat Opened/Improved	0 miles 😞 ATS CH
Fish present, source of info	assumed, ATS unlikely per Wende Mahaney USFWS 😞

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$772000 Requested: \$125000 Match: \$647000, 83.8 %
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$300,000.00 Major rebuild
Construction year	2023 assumed

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-37- Rockport, Robinson Drive

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	
Other comments	Gartley & Dorsky design, 28 cutoff homes

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-38- Rumford, Prospect Avenue

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Rumford
Road name	Prospect Avenue
Stream Name	Unnamed trib to Androscoggin River
Existing Culvert Size & Material	4'Dx42'L Concrete pipe
Crossing Age	60+
Bankfull width and method	8.3'; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	10'Sx8'Hx45'L 4 Sided Concrete Box DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	overtops 1x year on average, cleaning every spring, deteriorating culvert 60+ years old
Change in culvert width	Approx. 1 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 0.7 mile detour , 24 homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response Prospect Avenue is a heavily used road. The Flooding/Damage has not been severe enough to fully

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-38- Rumford, Prospect Avenue

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

	close the road to date, but it does increase maintenance costs for the Town and if not addressed the culvert is at risk of failing.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 23187
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, limited information available on drainage
Habitat Opened/Improved	0.2 miles Wild brook trout habitat,
Fish present, source of info	likely, brook trout habitat mapped, not much info available

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$244000 Requested: \$125000 Match: \$119000, 48.77%
Engineering	To be stamped?: Yes Level of plan included: Site Specific 90%+
Army Corp Permit info	Application submitted

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-38- Rumford, Prospect Avenue

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	none
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-38- Rumford, Prospect Avenue

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Rumford
Road name	Prospect Avenue
Stream Name	Unnamed trib to Androscoggin River
Existing Culvert Size & Material	4'Dx42'L Concrete pipe
Crossing Age	60+
Bankfull width and method	8.3'; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	10'Sx8'Hx45'L 4 Sided Concrete Box DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	overtops 1x year on average, cleaning every spring, deteriorating culvert 60+ years old <i>Older but does look fairly sound, annual flooding and debris issue, flooding due to sizing or debris buildup?</i>
Change in culvert width	Approx. 1 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 0.7 mile detour , 24 homes

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-38- Rumford, Prospect Avenue

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response Prospect Avenue is a heavily used road. The Flooding/Damage has not been severe enough to fully close the road to date, but it does increase maintenance costs for the Town and if not addressed the culvert is at risk of failing. <i>No maintenance costs provided, short detour, moderate amount of houses.</i>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 23187
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, limited information available on drainage
Habitat Opened/Improved	0.2 miles Wild brook trout habitat <i>mapped</i> .
Fish present, source of info	Fish likely, brook trout habitat mapped, not much info available. <i>Small segment opened US, potential barrier, looks to be dry or impassible in app photo, little fish habitat opportunity. DMR comments "Above anadromy for all species except eels." Score 0.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$244000 Requested: \$125000 Match: \$119000, 48.77%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-38- Rumford, Prospect Avenue

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Site Specific 90%+
Army Corp Permit info	Application submitted
Costs over previous 10 years	none
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering <i>49% match, 90% planned, budgeting very detailed, likely.</i>
Other comments	<i>Design OK, low gradient, slow stream flow 1-2 cfs. Scour lines not present but not essential with low gradient.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-38- Rumford, Prospect Avenue
DATE: January 3, 2022
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Rumford
Road name	Prospect Avenue
Stream Name	Unnamed trib to Androscoggin River
Existing Culvert Size & Material	4'Dx42'L Concrete pipe
Crossing Age	60+
Bankfull width and method	8.3'; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	10'Sx8'Hx45'L 4 Sided Concrete Box DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	overtops 1x year on average, cleaning every spring, deteriorating culvert 60+ years old
Change in culvert width	Approx. 1 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 0.7 mile detour , 24 homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response Prospect Avenue is a heavily used road. The Flooding/Damage has not been severe enough to fully

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-38- Rumford, Prospect Avenue

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

	close the road to date, but it does increase maintenance costs for the Town and if not addressed the culvert is at risk of failing.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 23187
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, limited information available on drainage
Habitat Opened/Improved	0.2 miles Wild brook trout habitat,
Fish present, source of info	likely, brook trout habitat mapped, not much info available

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$244000 Requested: \$125000 Match: \$119000, 48.77%
Engineering	To be stamped?: Yes Level of plan included: Site Specific 90%+
Army Corp Permit info	Application submitted

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-38- Rumford, Prospect Avenue

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	none
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering
Other comments	Fish perhaps, but no cold water species. Stream profile? Design looks fine.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-38- Rumford, Prospect Avenue

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Rumford
Road name	Prospect Avenue
Stream Name	Unnamed trib to Androscoggin River
Existing Culvert Size & Material	4'Dx42'L Concrete pipe
Crossing Age	60+
Bankfull width and method	8.3'; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	10'Sx8'Hx45'L 4 Sided Concrete Box 😞 DOT: Yes

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	overtops 1x year on average , cleaning every spring, deteriorating culvert 60+ years old
Change in culvert width	Approx. 1 x 😞
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 0 Detours: 0.7 mile detour , 24 homes
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency response Prospect Avenue is a heavily used road. The Flooding/Damage has not been severe enough to fully

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-38- Rumford, Prospect Avenue

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

	close the road to date, but it does increase maintenance costs for the Town and if not addressed the culvert is at risk of failing.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 23187
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, limited information available on drainage
Habitat Opened/Improved	0.2 miles 😞 Wild brook trout habitat,
Fish present, source of info	likely, brook trout habitat mapped, not much info available ???

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$244000 Requested: \$125000 Match: \$119000, 48.77%
Engineering	To be stamped?: Yes Level of plan included: Site Specific 90%+
Army Corp Permit info	Application submitted

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-38- Rumford, Prospect Avenue

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	none
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$15k in engineering 😊
Other comments	Pinetree Design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-39- Skowhegan, Steward Hill Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Skowhegan
Road name	Steward Hill Road
Stream Name	Cold Brook
Existing Culvert Size & Material	18'Sx7'Hx45'L; 5'Dx45'L pipe arch, CMP
Crossing Age	Unknown
Bankfull width and method	23.05 ; field measured, 1 US, DS each, matches models
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	30'S(26'CS)x8'Hx26'L Open bottom concrete arch DOT: Yes, design reviewed

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	significant rust damage noted (2 crossings), no overtopping or flood damage noted
Change in culvert width	Approx. 1.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 7 homes Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	cut offs emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-39- Skowhegan, Steward Hill Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: field measured, 1 US, DS each, matches models Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Visual analysis Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 26673
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no impacts indicated
Habitat Opened/Improved	6.62 miles ATS CH, ATS modelled habitat 91 units
Fish present, source of info	none listed, assumed, "Cold Brook is a tributary of the Kennebec River, a river with known Atlantic salmon populations."

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$378000 Requested: \$125000 Match: \$253000, 66.9 %
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-39- Skowhegan, Steward Hill Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10k in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-39- Skowhegan, Steward Hill Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Skowhegan
Road name	Steward Hill Road
Stream Name	Cold Brook
Existing Culvert Size & Material	18'Sx7'Hx45'L; 5'Dx45'L pipe arch, CMP
Crossing Age	Unknown
Bankfull width and method	23.05 ; field measured, 1 US, DS each, matches models
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	30'S(26'CS)x8'Hx26'L Open bottom concrete arch DOT: Yes, design reviewed

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	significant rust damage noted (2 crossings), no overtopping or flood damage noted <i>Severely rusted through, sagging, debris bar inside, plus beaver debris issue.</i>
Change in culvert width	Approx. 1.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 7 homes Detours: 0 <i>123 cars/day, cut off of a few homes.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-39- Skowhegan, Steward Hill Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	cut offs emergency services
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: field measured, 1 US, DS each, matches models Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Visual analysis Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 26673
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no impacts indicated
Habitat Opened/Improved	6.62 miles <i>opened</i> , 16 miles <i>US available</i> ATS CH, ATS modelled habitat 91 units
Fish present, source of info	none listed, assumed, "Cold Brook is a tributary of the Kennebec River, a river with known Atlantic salmon populations." <i>IF&W spawning/nursery for BKT, water temps good, IF&W rank 2/5, quite a bit of modelled ATS hab. DMR comments "Tributary to Wesserunset Stream." Score 2.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$378000 Requested: \$125000 Match: \$253000, 66.9 %
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-39- Skowhegan, Steward Hill Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10k in engineering <i>67% match, funding planned, total budget reasonable? Yes, probably.</i>
Other comments	<i>BFW measures 1 US + 1 DS, matches modelled, stream profile shows slope but based on valleys, more like a scour profile. Gradient should be from peaks.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-39- Skowhegan, Steward Hill Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Skowhegan
Road name	Steward Hill Road
Stream Name	Cold Brook
Existing Culvert Size & Material	18'Sx7'Hx45'L; 5'Dx45'L pipe arch, CMP
Crossing Age	Unknown
Bankfull width and method	23.05 ; field measured, 1 US, DS each, matches models
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	30'S(26'CS)x8'Hx26'L Open bottom concrete arch DOT: Yes, design reviewed

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	significant rust damage noted (2 crossings), no overtopping or flood damage noted
Change in culvert width	Approx. 1.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 7 homes Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	cut offs emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-39- Skowhegan, Steward Hill Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: field measured, 1 US, DS each, matches models Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Visual analysis Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 26673
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no impacts indicated
Habitat Opened/Improved	6.620000000000001 miles ATS CH, ATS modelled habitat 91 units
Fish present, source of info	none listed, assumed, "Cold Brook is a tributary of the Kennebec River, a river with known Atlantic salmon populations."

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$378000 Requested: \$125000 Match: \$253000, 66.9 %
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-39- Skowhegan, Steward Hill Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10k in engineering; good match;
Other comments	Brook trout habitat; Needs engineering work; only has 2 bankfull width measurements; it's a cutoff

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-39- Skowhegan, Steward Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Skowhegan
Road name	Steward Hill Road
Stream Name	Cold Brook
Existing Culvert Size & Material	18'Sx7'Hx45'L; 5'Dx45'L pipe arch, CMP
Crossing Age	Unknown
Bankfull width and method	23.05 ; field measured, 1 US, DS each, matches models
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	30'S(26'CS)x8'Hx26'L Open bottom concrete arch 😊 DOT: Yes, design reviewed

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	significant rust damage noted (2 crossings), no overtopping or flood damage noted No flooding
Change in culvert width	Approx. 1.4 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 7 homes Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	cut offs emergency services

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-39- Skowhegan, Steward Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: field measured, 1 US, DS each, matches models Longitudinal profile of stream beyond culvert influence completed? : Yes BFW, Longitudinal profile, prelim plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Visual analysis ???? Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 26673
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted agencies, no impacts indicated
Habitat Opened/Improved	6.62miles ??? 😊 ATS CH, ATS modelled habitat 91 units
Fish present, source of info	none listed, assumed, "Cold Brook is a tributary of the Kennebec River, a river with known Atlantic salmon populations." 😞

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$378000 Requested: \$125000 Match: \$253000, 66.9 %
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	unknown
Construction year	2022

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-39- Skowhegan, Steward Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$10k in engineering 😊
Other comments	St.Germain /Contech Design, tnc support

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-40- Standish, Moody Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Standish
Road name	Moody Road
Stream Name	Sticky River
Existing Culvert Size & Material	4'Dx30'L CMP
Crossing Age	Unknown
Bankfull width and method	11' ; measured in 2019 (no data), matches modelled values
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	13.5'Sx4'Hx30'L Open bottom concrete box DOT: No, indicated contact upon award

Estimated time to failure	1-5 years
Previous flooding or failure events, documentation, culvert condition, age	no overtopping reported, regular cleaning. Undersized only 30% of 1.2xBFW sizing
Change in culvert width	Approx. 3.375 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, regular cleaning
Cut-offs or detours	Cut Offs: 0 Detours: 5.64 mile detour
Affected residents, business, affected critical infrastructure, other safety issues, traffic	none reported The Town of Standish Public Works Facility is located adjacent to the culvert. Access to the facility would be

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-40- Standish, Moody Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

	limited
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: measured in 2019 (no data), matches modelled values Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD none
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8707
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with fisheries agencies
Habitat Opened/Improved	1.83 miles Brook Trout Habitat, Documented Alewife Habitat
Fish present, source of info	wildl brook trout, alewives?

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$237050 Requested: \$125000 Match: \$112050, 47.2%,
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	No contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-40- Standish, Moody Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	none
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$18,000 in engineering
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-40- Standish, Moody Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Standish
Road name	Moody Road
Stream Name	Sticky River
Existing Culvert Size & Material	4'Dx30'L CMP
Crossing Age	Unknown
Bankfull width and method	11' ; measured in 2019 (no data), matches modelled values
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	13.5'Sx4'Hx30'L Open bottom concrete box DOT: No, indicated contact upon award

Estimated time to failure	1-5 years
Previous flooding or failure events, documentation, culvert condition, age	no overtopping reported, regular cleaning. Undersized only 30% of 1.2xBFW sizing <i>No flooding but regular cleaning required, erosion in photos. Source of erosion from flooding or road surface discharge? No overtopping so erosion from sheet flow off road? Stream viewer erosion photo from 2010.</i>
Change in culvert width	Approx. 3.375 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, regular cleaning.
Cut-offs or detours	Cut Offs: 0 Detours: 5.64 mile detour

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-40- Standish, Moody Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	<p>none reported</p> <p>The Town of Standish Public Works Facility is located adjacent to the culvert. Access to the facility would be limited.</p> <p><i>Detour for PU garage but little other issue documented.</i></p>
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	<p>Bankfull width method: measured in 2019 (no data), matches modelled values</p> <p>Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD none</p>
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8707
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with fisheries agencies
Habitat Opened/Improved	1.83 miles Brook Trout Habitat, Documented Alewife Habitat (<i>is that LL or anadromous?</i>)
Fish present, source of info	wild brook trout, alewives? <i>LL alewives??</i> <i>IF&W gave this a 4/5, brook trout habitat, almost 2 mi. opened. DMR comments "Above managed range for all species except maybe eels; Tributary above Sebago Lake." Score 0.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	<p>Total: \$237050</p> <p>Requested: \$125000</p> <p>Match: \$112050, 47.2%</p>
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-40- Standish, Moody Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	No contact
Costs over previous 10 years	none
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$18,000 in engineering <i>Funding uncertain?</i>
Other comments	<i>Open bottom, pebble count, banks within proposed, 2019 measurements of BFW which is not presented in detail, matches modelled?? No info. Cross section is not really 1.2 with smaller BFW in between footers and bank areas. More like 11.5' and not 13.5', making channel < BFW. Scour not really considered, is the invert set low enough, tough without longitudinal profile??</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-40- Standish, Moody Road
DATE: January 3, 2022
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Standish
Road name	Moody Road
Stream Name	Sticky River
Existing Culvert Size & Material	4'Dx30'L CMP
Crossing Age	Unknown
Bankfull width and method	11' ; measured in 2019 (no data), matches modelled values
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	13.5'Sx4'Hx30'L Open bottom concrete box DOT: No, indicated contact upon award

Estimated time to failure	1-5 years
Previous flooding or failure events, documentation, culvert condition, age	no overtopping reported, regular cleaning. Undersized only 30% of 1.2xBFW sizing
Change in culvert width	Approx. 3.375 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, regular cleaning
Cut-offs or detours	Cut Offs: 0 Detours: 5.64 mile detour
Affected residents, business, affected critical infrastructure, other safety issues, traffic	none reported The Town of Standish Public Works Facility is located adjacent to the culvert. Access to the facility would be

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-40- Standish, Moody Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

	limited
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: measured in 2019 (no data), matches modelled values Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD none
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8707
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with fisheries agencies
Habitat Opened/Improved	1.83 miles Brook Trout Habitat, Documented Alewife Habitat
Fish present, source of info	wildl brook trout, alewives?

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$237050 Requested: \$125000 Match: \$112050, 47.2%,
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	No contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-40- Standish, Moody Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	none
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$18,000 in engineering;
Other comments	Wild brook trout; 1.8 miles in a priority brook trout area; brook trout in southern Maine

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-40- Standish, Moody Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Standish
Road name	Moody Road
Stream Name	Sticky River
Existing Culvert Size & Material	4'Dx30'L CMP
Crossing Age	Unknown
Bankfull width and method	11' ; measured in 2019 (no data), matches modelled values
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	13.5'Sx4'Hx30'L Open bottom concrete box 😊 DOT: No, indicated contact upon award

Estimated time to failure	1-5 years
Previous flooding or failure events, documentation, culvert condition, age	no overtopping reported, regular cleaning. Undersized only 30% of 1.2xBFW sizing No flooding
Change in culvert width	Approx. 3.375 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, regular cleaning
Cut-offs or detours	Cut Offs: 0 Detours: 5.64 mile detour Lacks detail
Affected residents, business, affected critical infrastructure, other safety issues, traffic	none reported The Town of Standish Public Works Facility is located adjacent to the culvert. Access to the facility would be limited

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-40- Standish, Moody Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: measured in 2019 (no data), matches modelled values Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD none
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Potential Barrier Maine Stream Habitat Viewer ID: 8707
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no contact with fisheries agencies
Habitat Opened/Improved	1.83 miles 😊 Brook Trout Habitat, Documented Alewife Habitat
Fish present, source of info	wild brook trout, alewives?

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$237050 Requested: \$125000 Match: \$112050, 47.2%,
Engineering	To be stamped?: Yes Level of plan included: Conceptual Plan
Army Corp Permit info	No contact
Costs over previous 10 years	none
Construction year	2023

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-40- Standish, Moody Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$18,000 in engineering 😞
Other comments	Ransom Design, gravel banks built beside footers...

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-41- Starks, Locke Hill Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Starks
Road name	Locke Hill Road
Stream Name	Duley Brook
Existing Culvert Size & Material	3'Dx60'L HDPE
Crossing Age	1
Bankfull width and method	13 ; Multiple Field Average, upstream only (higher than models)
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17.8'Sx8'HX40L Open bottom concrete box DOT: No, indicated contact upon award

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Overtops 1x per year, requires cleaning, sever damage noted in photos (2020); number of 36 inch culverts have been tried and failed over years
Change in culvert width	Approx. 5.2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 15 homes, 10 businesses Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	homes & businesses town water line, no guard rails, emergency access & deliveries cut off

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-41- Starks, Locke Hill Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average, upstream only (higher than models) Longitudinal profile of stream beyond culvert influence completed? : Yes Bankfull width, longitudinal profile, restoration plan
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15724
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	support from IFW (Liz Thorndike), brook trout known directly downstream. Support from DMR-important slamon priority watershed
Habitat Opened/Improved	5.86 miles Brook trout habitat, ATS CH, ATS DPS, ATS modelled habitat class 1 & 2 25 units
Fish present, source of info	wild brook trout, IFW confirmed, salmon presnt in watershed

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$198675 Requested: \$125000 Match: \$73675, 37.08%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$25-30k "minimum"

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-41- Starks, Locke Hill Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	2018-concrete arch installed nearby Watson Stream
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-41- Starks, Locke Hill Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Starks
Road name	Locke Hill Road
Stream Name	Duley Brook
Existing Culvert Size & Material	3'Dx60'L HDPE
Crossing Age	1
Bankfull width and method	13 ; Multiple Field Average, upstream only (higher than models)
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17.8'Sx8'HX40L Open bottom concrete box DOT: No, indicated contact upon award

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Overtops 1x per year, requires cleaning, severe damage noted in photos (2020); number of 36 inch culverts have been tried and failed over years. <i>Flooding photos indicate major problem, major road gravel deposit on lower side.</i>
Change in culvert width	Approx. 5.2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 15 homes, 10 businesses Detours: 0

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-41- Starks, Locke Hill Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	homes & businesses town water line, no guard rails, emergency access & deliveries cut off
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average, upstream only (higher than models) Longitudinal profile of stream beyond culvert influence completed? : Yes Bankfull width, longitudinal profile, restoration plan
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15724
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	support from IFW (Liz Thorndike), brook trout known directly downstream. Support from DMR-important salmon priority watershed
Habitat Opened/Improved	5.86 miles Brook trout habitat, ATS CH, ATS DPS, ATS modelled habitat class 1 & 2 25 units
Fish present, source of info	wild brook trout, IFW confirmed, salmon present in watershed. <i>DMR support for salmon, IF&W BKT, culvert replaced DS, good 5-6 mi. of habitat opened in coldwater fishery w/multiple species. DMR comments "Modeled ATS rearing habitat downstream; Tributary to Lemon Stream." Score 5.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$198675 Requested: \$125000 Match: \$73675, 37.08%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-41- Starks, Locke Hill Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$25-30k "minimum"
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	2018-concrete arch installed nearby Watson Stream. <i>Town cut of funding via town meeting approval 2022.</i>
Other comments	<i>Good feasibility for success, water line in play, much deeper depth below current culvert for new invert. Some stream work required to address work out in stream but can be addressed in permit by rule. Similar project nearby on Watson, same contractor?</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-41- Starks, Locke Hill Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Starks
Road name	Locke Hill Road
Stream Name	Duley Brook
Existing Culvert Size & Material	3'Dx60'L HDPE
Crossing Age	1
Bankfull width and method	13 ; Multiple Field Average, upstream only (higher than models)
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17.8'Sx8'HX40L Open bottom concrete box DOT: No, indicated contact upon award

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Overtops 1x per year, requires cleaning, sever damage noted in photos (2020); number of 36 inch culverts have been tried and failed over years
Change in culvert width	Approx. 5.2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 15 homes, 10 businesses Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	homes & businesses town water line, no guard rails, emergency access & deliveries cut off

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-41- Starks, Locke Hill Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average, upstream only (higher than models) Longitudinal profile of stream beyond culvert influence completed? : Yes Bankfull width, longitudinal profile, restoration plan
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15724
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	support from IFW (Liz Thorndike), brook trout known directly downstream. Support from DMR-important slamon priority watershed
Habitat Opened/Improved	5.86 miles Brook trout habitat, ATS CH, ATS DPS, ATS modelled habitat class 1 & 2 25 units
Fish present, source of info	wild brook trout, IFW confirmed, salmon presnt in watershed

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$198675 Requested: \$125000 Match: \$73675, 37.08%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$25-30k "minimum"

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-41- Starks, Locke Hill Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	2018-concrete arch installed nearby Watson Stream;
Other comments	The road overtops and it's a cutoff; brook trout historic Atlantic salmon habitat in the watershed of Sandy Stream; high priority for the town; good design

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-41- Starks, Locke Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Starks
Road name	Locke Hill Road
Stream Name	Duley Brook
Existing Culvert Size & Material	3'Dx60'L HDPE
Crossing Age	1
Bankfull width and method	13 ; Multiple Field Average, upstream only (higher than models) 😞
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	17.8'Sx8'HX40L Open bottom concrete box 😊 DOT: No, indicated contact upon award

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Overtops 1x per year , requires cleaning, sever damage noted in photos (2020); number of 36 inch culverts have been tried and failed over years
Change in culvert width	Approx. 5.2 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annually
Cut-offs or detours	Cut Offs: 15 homes, 10 businesses Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	homes & businesses town water line, no guard rails, emergency access & deliveries cut off

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-41- Starks, Locke Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average, upstream only (higher than models) Longitudinal profile of stream beyond culvert influence completed? : Yes Bankfull width, longitudinal profile, restoration plan
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15724
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	support from IFW (Liz Thorndike), brook trout known directly downstream. Support from DMR-important slamon priority watershed
Habitat Opened/Improved	5.86 miles 😊 Brook trout habitat, ATS CH, ATS DPS, ATS modelled habitat class 1 & 2 25 units
Fish present, source of info	wild brook trout, IFW confirmed, salmon presnt in watershed

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$198675 Requested: \$125000 Match: \$73675, 37.08%
Engineering	To be stamped?: Yes Level of plan included: Preliminary Design
Army Corp Permit info	Contact
Costs over previous 10 years	\$25-30k "minimum"

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-41- Starks, Locke Hill Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	2018-concrete arch installed nearby Watson Stream 😊
Other comments	A.Abbott design, DMR support, IFW support

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-42- Temple, Mitchell Brook Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Temple
Road name	Mitchell Brook Road
Stream Name	Henry Mitchell Brook
Existing Culvert Size & Material	9'Sx6'Hx41'L CMP
Crossing Age	unknown
Bankfull width and method	14.9 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	19'Sx9'Hx40'6"L Open bottom metal arch on concrete footers. ~16' clear span DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	This elliptical, closed-bottom culvert is undersized and a short distance from a downstream bridge on Intervale Road. Should the culvert fail in an extreme event it could take out the bridge. The road shoulders adjacent to the crossing wash out every year
Change in culvert width	Approx. 2.1 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 5 Detours: 0

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-42- Temple, Mitchell Brook Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	5 homes cut off Every year erosion of the road shoulder is repaired at an approximate cost of \$2,500.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD Bankfull width, longitudinal profile
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes based on total span, but unsure with clear span...
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15726
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	“Paul Christman indicated the project is located a ¼ mile from active egg planting sites and the downstream Walton’s Mill Dam will be removed in 2022. This is a high priority project for MDMR and they fully support the funding request. Refer to attached letter of support. Becca Settele of MDIFW indicated that this project area intersects with Northern Spring Salamander habitat, which is considered a state special concern species. Establishing a stream crossing that follows Stream Smart guidelines will benefit this rare species.”
Habitat Opened/Improved	1.75 miles Wild brook trout habitat, ATS CH, ATS DPS, 25.22 units ATS modelled habitat, northern spring salamander habitat, existing ATS rearing habitat 1/4 downstream, largely undeveloped high quality habitats
Fish present, source of info	Wild brook trout, DS salmon rearing habitat

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-42- Temple, Mitchell Brook Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$170000 Requested: \$125000 Match: \$45000, 26.47%
Engineering	To be stamped?: Yes Level of plan included: Site Specific Preliminary design
Army Corp Permit info	Contact
Costs over previous 10 years	\$25000, \$2500 per year
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	almost 16' clear span indicated, is that at stream grade?
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-42- Temple, Mitchell Brook Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Temple
Road name	Mitchell Brook Road
Stream Name	Henry Mitchell Brook
Existing Culvert Size & Material	9'Sx6'Hx41'L CMP (<i>aluminum??</i>)
Crossing Age	unknown
Bankfull width and method	14.9 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	19'Sx9'Hx40'6"L Open bottom metal arch on concrete footers. ~16' clear span DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	This elliptical, closed-bottom culvert is undersized and a short distance from a downstream bridge on Intervale Road. Should the culvert fail in an extreme event it could take out the bridge. The road shoulders adjacent to the crossing wash out every year <i>DS end seems to be squating and separating from mid section at seam. Major shoulder erosion from Sept. 2021 photos. Appears to need replacement and heavy stream gradient upstream sheds high water volume off extreme slopes.</i>
Change in culvert width	Approx. 2.1 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-42- Temple, Mitchell Brook Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Cut-offs or detours	Cut Offs: 5 Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	5 homes cut off Every year erosion of the road shoulder is repaired at an approximate cost of \$2,500. <i>Cut offs, regular repair estimates of costs.</i>

II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD Bankfull width, longitudinal profile
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes based on total span, but unsure with clear span...
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15726
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	“Paul Christman indicated the project is located a ¼ mile from active egg planting sites and the downstream Walton’s Mill Dam will be removed in 2022. This is a high priority project for MDMR and they fully support the funding request. Refer to attached letter of support. Becca Settele of MDIFW indicated that this project area intersects with Northern Spring Salamander habitat, which is considered a state special concern species. Establishing a stream crossing that follows Stream Smart guidelines will benefit this rare species.”
Habitat Opened/Improved	1.75 miles Wild brook trout habitat, ATS CH, ATS DPS, 25.22 units ATS modelled habitat, northern spring salamander habitat, existing ATS rearing habitat 1/4 downstream, largely undeveloped high quality habitats
Fish present, source of info	Wild brook trout, DS salmon rearing habitat Dam removal DS, synergistic gain w/two projects, egg planting, ATS successes here, good water temp/quality, N. Str. Salamander habitat (special concern), fair amount (1.75 mi. opened). <i>DMR comments</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-42- Temple, Mitchell Brook Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

	<i>"Surveyed ATS habitat immediately downstream; Tributary to Temple Stream." Score 5.</i>
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III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$170000 Requested: \$125000 Match: \$45000, 26.47%
Engineering	To be stamped?: Yes Level of plan included: Site Specific Preliminary design
Army Corp Permit info	Contact
Costs over previous 10 years	\$25000, \$2500 per year
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	almost 16' clear span indicated, is that at stream grade? <i>26% match, planned funding, plus salmon federation funding.</i>
Other comments	<i>Synergy with Walton's Mill removal project, 17.88 BFW and proposed 19' but footing looks to be inside the 19' "width" (since elevation not shown, hard to discern). Banks need to be appropriate for salamander passage. Probably need to extend up over footers to attain 1.2 BFW. Flow line (18'?) seems to indicate banks will extend above footers, somewhat encouraging. Get IF&W review for salamander.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-42- Temple, Mitchell Brook Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Temple
Road name	Mitchell Brook Road
Stream Name	Henry Mitchell Brook
Existing Culvert Size & Material	9'Sx6'Hx41'L CMP
Crossing Age	unknown
Bankfull width and method	14.9 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	19'Sx9'Hx40'6"L Open bottom metal arch on concrete footers. ~16' clear span DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	This elliptical, closed-bottom culvert is undersized and a short distance from a downstream bridge on Intervale Road. Should the culvert fail in an extreme event it could take out the bridge. The road shoulders adjacent to the crossing wash out every year
Change in culvert width	Approx. 2.1 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 5 Detours: 0

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-42- Temple, Mitchell Brook Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	5 homes cut off Every year erosion of the road shoulder is repaired at an approximate cost of \$2,500.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD Bankfull width, longitudinal profile
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes based on total span, but unsure with clear span...
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15726
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	“Paul Christman indicated the project is located a ¼ mile from active egg planting sites and the downstream Walton’s Mill Dam will be removed in 2022. This is a high priority project for MDMR and they fully support the funding request. Refer to attached letter of support. Becca Settele of MDIFW indicated that this project area intersects with Northern Spring Salamander habitat, which is considered a state special concern species. Establishing a stream crossing that follows Stream Smart guidelines will benefit this rare species.”
Habitat Opened/Improved	1.75 miles Wild brook trout habitat, ATS CH, ATS DPS, 25.22 units ATS modelled habitat, northern spring salamander habitat, existing ATS rearing habitat 1/4 downstream, largely undeveloped high quality habitats
Fish present, source of info	Wild brook trout, DS salmon rearing habitat

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-42- Temple, Mitchell Brook Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$170000 Requested: \$125000 Match: \$45000, 26.47%
Engineering	To be stamped?: Yes Level of plan included: Site Specific Preliminary design
Army Corp Permit info	Contact
Costs over previous 10 years	\$25000, \$2500 per year
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	almost 16' clear span indicated, is that at stream grade?
Other comments	Atlantic salmon; brook trout; northern spring salamander; hits all the right buttons as far as biology goes; letters of support from DMR and Atlantic Salmon Federation; salmon egg planting site nearby; only two bankfull width measurements; needs engineering

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-42- Temple, Mitchell Brook Road
DATE: 1/3/2022
EVALUATOR NAME: David A. Waddell
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:
I. Public Infrastructure Information/Public Safety

Town Name	Temple
Road name	Mitchell Brook Road
Stream Name	Henry Mitchell Brook
Existing Culvert Size & Material	9'Sx6'Hx41'L CMP
Crossing Age	unknown
Bankfull width and method	14.9 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	19'Sx9'Hx40'6"L Open bottom metal arch on concrete footers. ~16' clear span 😊 DOT: Yes

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	This elliptical, closed-bottom culvert is undersized and a short distance from a downstream bridge on Intervale Road. Should the culvert fail in an extreme event it could take out the bridge. The road shoulders adjacent to the crossing wash out every year
Change in culvert width	Approx. 2.1 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 5 Detours: 0

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-42- Temple, Mitchell Brook Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	5 homes cut off Every year erosion of the road shoulder is repaired at an approximate cost of \$2,500.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD Bankfull width, longitudinal profile
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes based on total span, but unsure with clear span...
Natural Bottom information; Banks within structure?	Type of bottom - Pebble Count Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 15726
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	“Paul Christman indicated the project is located a ¼ mile from active egg planting sites and the downstream Walton’s Mill Dam will be removed in 2022. This is a high priority project for MDMR and they fully support the funding request. Refer to attached letter of support. Becca Settele of MDIFW indicated that this project area intersects with Northern Spring Salamander habitat, which is considered a state special concern species. Establishing a stream crossing that follows Stream Smart guidelines will benefit this rare species.” 😊
Habitat Opened/Improved	1.75 miles 😊 Wild brook trout habitat, ATS CH, ATS DPS, 25.22 units ATS modelled habitat, northern spring salamander habitat, existing ATS rearing habitat 1/4 downstream, largely undeveloped high quality habitats
Fish present, source of info	Wild brook trout, DS salmon rearing habitat 😊

III. Cost Efficiency and Effectiveness

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-42- Temple, Mitchell Brook Road

DATE: 1/3/2022

EVALUATOR NAME: David A. Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Total Project Cost; Total Match; % Match proposed	Total: \$170000 Requested: \$125000 Match: \$45000, 26.47%
Engineering	To be stamped?: Yes Level of plan included: Site Specific Preliminary design
Army Corp Permit info	Contact
Costs over previous 10 years	\$25000, \$2500 per year
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	almost 16' clear span indicated, is that at stream grade?
Other comments	St Germain,/ Contech Design Atlantic Salmon Federation support, TNC support, DMR support

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-43- Tremont, Dix Point Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Tremont
Road name	Dix Point Road
Stream Name	Tinker Brook
Existing Culvert Size & Material	6'Dx55'L CMP
Crossing Age	Unknown
Bankfull width and method	6.4 ; no measurements, MSHV
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	8'Sx8'Hx55'L Open Bottom Concrete Box DOT: n/a

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	March 21st 2019 storm combined high tide with surge. This elevation reached 4 feet above the highest annual tide in this area. The road is approximately 5 feet above the current HAT line, with storm surge and wave conditions it is reasonable that this eve
Change in culvert width	Approx. 1.3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 33 Homes Detours: no alt route

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-43- Tremont, Dix Point Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	all residences cut off FEMA Flood maps and Maine Dept. of Ag Slosh Map shows the potential future flood issues for this section of road.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: no measurements, MSHV Longitudinal profile of stream beyond culvert influence completed? : No, none intended, None
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on MSHV, need more info
Natural Bottom information; Banks within structure?	Type of bottom - Cobbles Banks? - No?
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 13898
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted DMR, no input provided, no IFW contact
Habitat Opened/Improved	0.32 miles TWWH, Modelled ATS habitat 1 unit, Rainbow smelt habitat
Fish present, source of info	alewives, sea run smelt, Atl. Salmon habitat-not likely present (per stream viewer)

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$85000 Requested: \$42500 Match: \$42500, 50.0%,
Engineering	To be stamped?: Yes Level of plan included: Conceptual plan/ plan view
Army Corp Permit info	No contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-43- Tremont, Dix Point Road

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$6000 for engineering; No real justification for sizing, seems to back up water currently, how can we be sure passage will happen here? Basing sizing on tidal flows is a legitimate metric for sizing but it doesn't discount the other aspects of the grant p
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-43- Tremont, Dix Point Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Tremont
Road name	Dix Point Road
Stream Name	Tinker Brook
Existing Culvert Size & Material	6'Dx55'L CMP
Crossing Age	Unknown
Bankfull width and method	6.4 ; no measurements, MSHV
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	8'Sx8'Hx55'L Open Bottom Concrete Box DOT: n/a

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	March 21st 2019 storm combined high tide with surge. This elevation reached 4 feet above the highest annual tide in this area. The road is approximately 5 feet above the current HAT line, with storm surge and wave conditions it is reasonable that this event??
Change in culvert width	Approx. 1.3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 33 Homes Detours: no alt route <i>Significant cut offs, Caty Cove rd. too, high tide/storm flood potential.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-43- Tremont, Dix Point Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	all residences cut off FEMA Flood maps and Maine Dept. of Ag Slosh Map shows the potential future flood issues for this section of road.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: no measurements, MSHV Longitudinal profile of stream beyond culvert influence completed? : No, none intended, None
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on MSHV, need more info
Natural Bottom information; Banks within structure?	Type of bottom - Cobbles Banks? - No?
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 13898
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted DMR, no input provided, no IFW contact
Habitat Opened/Improved	0.32 miles TWWH, Modelled ATS habitat 1 unit, Rainbow smelt habitat
Fish present, source of info	alewives, sea run smelt, Atl. Salmon habitat-not likely present (per stream viewer) <i>Short stretch opened and problematic culvert above, smelt habitat may be above next culvert, but sea run smelt will benefit from this passage improvement. Proposed 8' concrete open bottom still undersized (at least with little for measurements provided to support design), likely will scour some as still quite undersized. Boulders in streambed proposed may sieve fish at some flows. Tidal culvert would probably need to be much larger, exceeding 1.2 for more bidirectional flow. Appropriate fix needed now to address adequate sizing. DMR comments "Google Earth image clearly shows a gravel stream bed above the crossing. MSHV lists as sea-run smelt habitat. Also can see outwash from perched culvert onto delta below crossing." Score 5.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-43- Tremont, Dix Point Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$85000 Requested: \$42500 Match: \$42500, 50.0%,
Engineering	To be stamped?: Yes Level of plan included: Conceptual plan/ plan view <i>50% match, not an expensive project, money secured already, needs major redesign work to be a successful environmental project due to tidal nature and misapplication of freshwater sizing approach to tidal project. Misdesigned.</i>
Army Corp Permit info	No contact
Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$6000 for engineering; No real justification for sizing, seems to back up water currently, how can we be sure passage will happen here? Basing sizing on tidal flows is a legitimate metric for sizing but it doesn't discount the other aspects of the grant p
Other comments	<i>Should be longer, wider, elevation may drop w/scour, velocities if narrow impact passage, no field-based channel size measurements, boulders/stone in channel will sieve fish at lower flows, feasibility of success as designed questionable? Did not intend to do a profile?</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082
RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2021R-43- Tremont, Dix Point Road
DATE: January 3, 2022
EVALUATOR NAME: Jonathan Cullen
EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Tremont
Road name	Dix Point Road
Stream Name	Tinker Brook
Existing Culvert Size & Material	6'Dx55'L CMP
Crossing Age	Unknown
Bankfull width and method	6.4 ; no measurements, MSHV
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	8'Sx8'Hx55'L Open Bottom Concrete Box DOT: n/a

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	March 21st 2019 storm combined high tide with surge. This elevation reached 4 feet above the highest annual tide in this area. The road is approximately 5 feet above the current HAT line, with storm surge and wave conditions it is reasonable that this eve
Change in culvert width	Approx. 1.3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 33 Homes Detours: no alt route

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-43- Tremont, Dix Point Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	all residences cut off FEMA Flood maps and Maine Dept. of Ag Slosh Map shows the potential future flood issues for this section of road.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: no measurements, MSHV Longitudinal profile of stream beyond culvert influence completed? : No, none intended, None
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on MSHV, need more info
Natural Bottom information; Banks within structure?	Type of bottom - Cobbles Banks? - No?
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 13898
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted DMR, no input provided, no IFW contact
Habitat Opened/Improved	0.32 miles TWWH, Modelled ATS habitat 1 unit, Rainbow smelt habitat
Fish present, source of info	alewives, sea run smelt, Atl. Salmon habitat-not likely present (per stream viewer)

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$85000 Requested: \$42500 Match: \$42500, 50.0%,
Engineering	To be stamped?: Yes Level of plan included: Conceptual plan/ plan view
Army Corp Permit info	No contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-43- Tremont, Dix Point Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$6000 for engineering; No real justification for sizing, seems to back up water currently, how can we be sure passage will happen here? Basing sizing on tidal flows is a legitimate metric for sizing but it doesn't discount the other aspects of the grant p
Other comments	Rainbow Smelt potential particularly if MDOT replaces the culvert on 102. Proposed structure doesn't look big enough to make an appreciable difference. The only town that didn't request the full amount. These tidal crossings always seem to cause a bottleneck. I can think of a couple others on the island that should be replaced as well

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-43- Tremont, Dix Point Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	Tremont
Road name	Dix Point Road
Stream Name	Tinker Brook
Existing Culvert Size & Material	6'Dx55'L CMP
Crossing Age	Unknown
Bankfull width and method	6.4 ; no measurements, MSHV
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	8'Sx8'Hx55'L Open Bottom Concrete Box 😊 DOT: n/a

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	March 21st 2019 storm combined high tide with surge. This elevation reached 4 feet above the highest annual tide in this area. The road is approximately 5 feet above the current HAT line, with storm surge and wave conditions it is reasonable that this eve Tidal crossing
Change in culvert width	Approx. 1.3 x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 33 Homes Detours: no alt route

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-43- Tremont, Dix Point Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	all residences cut off FEMA Flood maps and Maine Dept. of Ag Slosh Map shows the potential future flood issues for this section of road.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: no measurements, MSHV Longitudinal profile of stream beyond culvert influence completed? : No, none intended, None
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on MSHV, need more info
Natural Bottom information; Banks within structure?	Type of bottom - Cobbles ????? Banks? - No?
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 13898
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	contacted DMR, no input provided, no IFW contact
Habitat Opened/Improved	0.32 miles 😞 TWWH, Modelled ATS habitat 1 unit, Rainbow smelt habitat
Fish present, source of info	alewives, sea run smelt, Atl. Salmon habitat-not likely present (per stream viewer)

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$85000 Requested: \$42500 Match: \$42500, 50.0%,
Engineering	To be stamped?: Yes Level of plan included: Conceptual plan/ plan view
Army Corp Permit info	No contact

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-43- Tremont, Dix Point Road

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Costs over previous 10 years	\$-
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$6000 for engineering; No real justification for sizing, seems to back up water currently, how can we be sure passage will happen here? Basing sizing on tidal flows is a legitimate metric for sizing but it doesn't discount the other aspects of the grant p
Other comments	Significant Cutoffs, Questions on sizing ??

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-44, York, Parsons Rd

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	York
Road name	Parsons Road
Stream Name	Josias River
Existing Culvert Size & Material	9'Sx7'Hx60'L; 4'Dx60'L pipe arch, CMP
Crossing Age	unknown, 15
Bankfull width and method	15.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	20'Sx6'Hx56'L Open bottom arch DOT: No, indicated contact upon award

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Culvert fully washed-out in 2006 and was reconstructed, no other overtopping/flooding events noted in last 10 years. Crossing is backwatered upstream
Change in culvert width	Approx. 2.2x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 3.1 miles; 50-60 homes, 2 businesses
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Greenleaf Parsons Road is a connector to Clay Hill Road and other roads off of Clay Hill Road immediately west of the Maine Turnpike.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-44, York, Parsons Rd

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

	The culvert is located approximately 1,600 feet upstream of the crossing at the Maine Turnpike, and a failure at the Greenleaf Parsons Road could potentially cause damage at the turnpike crossing.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD bankfull width, concept plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 55791
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	The Region A Fisheries Biologist was contacted and indicated support for the improved aquatic connectivity to benefit wild and stocked brook trout.
Habitat Opened/Improved	5.09 miles Brook trout habitat, Riparian connector; undeveloped habitat blocks, Rare animal threatened species within 1 mile of site
Fish present, source of info	Brook trout, american eels

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$330000 Requested: \$125000 Match: \$0, 62.1%
Engineering	To be stamped?: Yes Level of plan included: Conceptual plan/ plan view & cross section

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-44, York, Parsons Rd

DATE: 12/6/21, 12/15/21

EVALUATOR NAME: John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$39,769 was spent to repair the road and culverts after the Mother's Day Storm of 2006. none spend since repairs
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$30,000 in engineering including bidding/permitting
Other comments	

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-44-; York; Parsons Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	York
Road name	Parsons Road
Stream Name	Josias River
Existing Culvert Size & Material	9'Sx7'Hx60'L; 4'Dx60'L pipe arch, CMP
Crossing Age	unknown, 15
Bankfull width and method	15.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	20'Sx6'Hx56'L Open bottom arch DOT: No, indicated contact upon award

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Culvert fully washed-out in 2006 and was reconstructed, no other overtopping/flooding events noted in last 10 years. Crossing is backwatered upstream. <i>Major flooding photos on two occasions, same sizing was replaced?</i>
Change in culvert width	Approx. 2.2x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 3.1 miles; 50-60 homes, 2 businesses <i>High traffic count, nearby turnpike crossing DS, risk of impact, plus flooding photos document issues and the interruption of access.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-44-; York; Parsons Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Greenleaf Parsons Road is a connector to Clay Hill Road and other roads off of Clay Hill Road immediately west of the Maine Turnpike. The culvert is located approximately 1,600 feet upstream of the crossing at the Maine Turnpike, and a failure at the Greenleaf Parsons Road could potentially cause damage at the turnpike crossing.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD bankfull width, concept plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 55791
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	The Region A Fisheries Biologist was contacted and indicated support for the improved aquatic connectivity to benefit wild and stocked brook trout.
Habitat Opened/Improved	5.09 miles Brook trout habitat, Riparian connector; undeveloped habitat blocks, Rare animal threatened species within 1 mile of site
Fish present, source of info	Brook trout, american eels <i>Good segment opened US, but probably passage issues DS with turnpike crossing although large enough stream it may be watered, IF&W general support with rating of 4, is BKT habitat. DMR comments "no known nearby resources; above culverts on 95." Score 0.</i>

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$330000 Requested: \$125000 Match: 62%
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2021R-44-; York; Parsons Road

DATE: 12/15/21

EVALUATOR NAME: Jim Stahlnecker

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Conceptual plan/ plan view & cross section
Army Corp Permit info	Contact
Costs over previous 10 years	\$39,769 was spent to repair the road and culverts after the Mother's Day Storm of 2006. none spend since repairs
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$30,000 in engineering including bidding/permitting <i>62% match & total \$330k, large culvert and may be more expensive.</i>
Other comments	<i>Design is 1.2, open bottom, will do profile but not yet completed, profile looks good, cross section details low flow channel, material is not specified? Width 15.5 by multiple field measurements, good.</i>

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2121R-44-York, Greenleaf Parsons Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	York
Road name	Parsons Road
Stream Name	Josias River
Existing Culvert Size & Material	9'Sx7'Hx60'L; 4'Dx60'L pipe arch, CMP
Crossing Age	unknown, 15
Bankfull width and method	15.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	20'Sx6'Hx56'L Open bottom arch DOT: No, indicated contact upon award

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Culvert fully washed-out in 2006 and was reconstructed, no other overtopping/flooding events noted in last 10 years. Crossing is backwatered upstream
Change in culvert width	Approx. 2.2x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 3.1 miles; 50-60 homes, 2 businesses
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Greenleaf Parsons Road is a connector to Clay Hill Road and other roads off of Clay Hill Road immediately west of the Maine Turnpike.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2121R-44-York, Greenleaf Parsons Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

	The culvert is located approximately 1,600 feet upstream of the crossing at the Maine Turnpike, and a failure at the Greenleaf Parsons Road could potentially cause damage at the turnpike crossing.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD bankfull width, concept plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 55791
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	The Region A Fisheries Biologist was contacted and indicated support for the improved aquatic connectivity to benefit wild and stocked brook trout.
Habitat Opened/Improved	5.09 miles Brook trout habitat, Riparian connector; undeveloped habitat blocks, Rare animal threatened species within 1 mile of site
Fish present, source of info	Brook trout, american eels

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$330000 Requested: \$125000 Match: \$0, 0.6211999999999997,
Engineering	To be stamped?: Yes Level of plan included: Conceptual plan/ plan view & cross section

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2121R-44-York, Greenleaf Parsons Road

DATE: January 3, 2022

EVALUATOR NAME: Jonathan Cullen

EVALUATOR DEPARTMENT: Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$39,769 was spent to repair the road and culverts after the Mother's Day Storm of 2006. none spend since repairs
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$30,000 in engineering including bidding/permitting
Other comments	Brookies and it's southern Maine; long-nosed dace; Engineering not bad. There's a low flow channel in the proposed streambed; crossing failed in 2007.

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: York, Parsons Road, Josias River

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Instructions: *The purpose of this form is to record proposal review notes written by **individual** evaluators for this Request for Proposals (RFP) process. It is **required** that each individual evaluator make notes for each proposal that he or she reviews. No numerical scoring should take place on these notes, as that is performed only during team consensus evaluation meetings. A separate form is available for team consensus evaluation notes and scoring. Once complete, please submit a copy of this document to your Department's RFP Coordinator or Lead Evaluator for this RFP.*

Individual Evaluator Comments:

I. Public Infrastructure Information/Public Safety

Town Name	York
Road name	Parsons Road
Stream Name	Josias River
Existing Culvert Size & Material	9'Sx7'Hx60'L; 4'Dx60'L pipe arch, CMP
Crossing Age	unknown, 15. Photos show this crossing under extreme duress in earlier storms.
Bankfull width and method	15.5 ; Multiple Field Average
New Structure size & type. Contacted DOT Bridge Program if 10' or greater?	20'Sx6'Hx56'L Open bottom arch 😊 DOT: No, indicated contact upon award

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Culvert fully washed-out in 2006 and was reconstructed, no other overtopping/flooding events noted in last 10 years. Crossing is backwatered upstream
Change in culvert width	Approx. 2.2x
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut Offs: 0 Detours: 3.1 miles; 50-60 homes, 2 businesses

**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: York, Parsons Road, Josias River

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Affected residents, business, affected critical infrastructure, other safety issues, traffic	Greenleaf Parsons Road is a connector to Clay Hill Road and other roads off of Clay Hill Road immediately west of the Maine Turnpike. The culvert is located approximately 1,600 feet upstream of the crossing at the Maine Turnpike, and a failure at the Greenleaf Parsons Road could potentially cause damage at the turnpike crossing. This is worry some.
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II. Benefits to Fish & Wildlife

Field work: <i>Bankfull width, method, & confidence; skew matches stream, longitudinal profile?</i>	Bankfull width method: Multiple Field Average Longitudinal profile of stream beyond culvert influence completed? : Yes, TBD bankfull width, concept plans
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Type of bottom - TBD Banks? - Yes
New Structure considerations	
Barrier status, source	Barrier Maine Stream Habitat Viewer ID: 55791
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	The Region A Fisheries Biologist was contacted and indicated support for the improved aquatic connectivity to benefit wild and stocked brook trout.
Habitat Opened/Improved	5.09 miles 😊 Brook trout habitat, Riparian connector; undeveloped habitat blocks, Rare animal threatened species within 1 mile of site
Fish present, source of info	Brook trout, american eels

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$330000 Requested: \$125000 Match: \$0, 0.62119999999999997,
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**STATE OF MAINE
INDIVIDUAL EVALUATION NOTES**

RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: York, Parsons Road, Josias River

DATE: 1/3/2022

EVALUATOR NAME: David A.Waddell

EVALUATOR DEPARTMENT: Environmental Protection

Engineering	To be stamped?: Yes Level of plan included: Conceptual plan/ plan view & cross section
Army Corp Permit info	Contact
Costs over previous 10 years	\$39,769 was spent to repair the road and culverts after the Mother's Day Storm of 2006. none spend since repairs Photos provided.
Construction year	2022
Feasibility for success; Additional efficiencies; Design concerns or clarification required	\$30,000 in engineering including bidding/permitting 😞
Other comments	Wells National Estuarine Research Reserve support, Fuss & O'Neill design



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Janet T. Mills
Governor

Melanie Loyzim
Commissioner

AGREEMENT AND DISCLOSURE STATEMENT
RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Public Infrastructure Improvements

I, John Maclaine accept the offer to become a member of the Request for Proposals (RFP) Evaluation Team for the State of Maine Department of Environmental Protection. I do hereby accept the terms set forth in this agreement AND hereby disclose any affiliation or relationship I may have in connection with a bidder who has submitted a proposal to this RFP.

Neither I nor any member of my immediate family have a personal or financial interest, direct or indirect, in the bidders whose proposals I will be reviewing. "Interest" may include, but is not limited to: current or former ownership in the bidder's company; current or former Board membership; current or former employment with the bidder; current or former personal contractual relationship with the bidder (example: paid consultant); and/or current or former relationship to a bidder's official which could reasonably be construed to constitute a conflict of interest (personal relationships may be perceived by the public as a potential conflict of interest).

I have not advised, consulted with or assisted any bidder in the preparation of any proposal submitted in response to this RFP nor have I submitted a letter of support or similar endorsement.

I understand and agree that the evaluation process is to be conducted in an impartial manner without bias or prejudice. In this regard, I hereby certify that, to the best of my knowledge, there are no circumstances that would reasonably support a good faith charge of bias. I further understand that in the event a good faith charge of bias is made, it will rest with me to decide whether I should be disqualified from participation in the evaluation process.

I agree to hold confidential all information related to the contents of Requests for Proposals presented during the review process until such time as the Department formally releases the award decision notices for public distribution.

12/6/21

Signature

Date



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Janet T. Mills
Governor

Melanie Loyzim
Commissioner

AGREEMENT AND DISCLOSURE STATEMENT
RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Public Infrastructure Improvements

I, James Stahlnecker accept the offer to become a member of the Request for Proposals (RFP) Evaluation Team for the State of Maine Department of Environmental Protection. I do hereby accept the terms set forth in this agreement AND hereby disclose any affiliation or relationship I may have in connection with a bidder who has submitted a proposal to this RFP.

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12/10/21

Signature

Date



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Janet T. Mills
Governor

Melanie Loyzim
Commissioner

AGREEMENT AND DISCLOSURE STATEMENT
RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Public Infrastructure Improvements

I, (print name at right) David A. Waddell

accept the offer to become a member of the Request for Proposals (RFP) Evaluation Team for the State of Maine Department of Environmental Protection. I do hereby accept the terms set forth in this agreement AND hereby disclose any affiliation or relationship I may have in connection with a bidder who has submitted a proposal to this RFP.

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David A. Waddell

1/11/2022

Signature

Date



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Janet T. Mills
Governor

Melanie Loyzim
Commissioner

AGREEMENT AND DISCLOSURE STATEMENT
RFP #: 202106082

RFP TITLE: 2021 Grants for Stream Crossing Public Infrastructure Improvements

I, (print name at right) Jonathan Cullen
accept the offer to become a member of the Request for Proposals (RFP) Evaluation Team for the State of Maine Department of Environmental Protection. I do hereby accept the terms set forth in this agreement AND hereby disclose any affiliation or relationship I may have in connection with a bidder who has submitted a proposal to this RFP.

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Jonathan Cullen
Signature

2/1/2022
Date