## State of Maine Master Score Sheet

		RFP# 20220	08126		
202	2 Grants t	or Stream Crossing l	Infrastructure Improv	vements	
Bio	lder Name:	2022R-1, Albany Twp.	2022R-2, Bath	2022R-3, Bridgton	2022R-4, Brooklin
Prop	osed Cost:	\$150,000	\$150,000	\$150,000	\$150,000
Scoring Sections	Points Available				
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass
Section II: Public Infrastructure Information/Public Safety	25	14	21	18	12
Section III: Benefits to Fish & Wildlife	50	45	26	32	36
Section IV: Cost Efficiency and Effectiveness	25	17	18	15	16
TOTAL	<u>100</u>	<u>76</u>	<u>65</u>	<u>65</u>	<u>64</u>
Bio	lder Name:	2022R-5, Brownville	2022R-6, China	2022R-7, Cornish	2022R-8, Cumberland 1
Prop	osed Cost:	\$150,000	\$150,000	\$150,000	\$150,000
Scoring Sections	Points Available				
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass
Section II: Public Infrastructure Information/Public Safety	25	14	16	14	16
Section III: Benefits to Fish & Wildlife	50	36	32	28	32
Section IV: Cost Efficiency and Effectiveness	25	11	10	6	13
TOTAL	<u>100</u>	<u>61</u>	<u>58</u>	<u>48</u>	<u>61</u>

		RFP# 2022	08126		
202	22 Grants 1	for Stream Crossing	Infrastructure Improv	rements	
Bio	lder Name:	2022R-9, Cumberland 2	2022R-10, Dover Foxcroft 1	2022R-11, Dover Foxcroft 2	2022R-12, Dover Foxcroft 3
Prop	osed Cost:	\$150,000	\$150,000	\$150,000	\$150,000
Scoring Sections	Points Available				
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass
Section II: Public Infrastructure Information/Public Safety	25	16	15	14	13
Section III: Benefits to Fish & Wildlife	50	31	27	30	30
Section IV: Cost Efficiency and Effectiveness	25	14	15	15	15
TOTAL	<u>100</u>	<u>61</u>	<u>57</u>	<u>59</u>	<u>58</u>
Bio	lder Name:	2022R-13, Durham	2022R-14, Eastbrook	2022R-15, Fairfield	2022R-16, Freedom
Prop	osed Cost:	\$150,000	\$115,000	\$150,000	\$150,000
Scoring Sections	Points Available				
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass
Section II: Public Infrastructure Information/Public Safety	25	14	14	19	10
Section III: Benefits to Fish & Wildlife	50	43	39	41	22
Section IV: Cost Efficiency and Effectiveness	25	21	19	16	6
TOTAL	<u>100</u>	<u>78</u>	<u>72</u>	<u>76</u>	<u>38</u>

RFP# 202208126					
202	2 Grants	for Stream Crossing I	nfrastructure Improv	vements	
Bio	lder Name:	2022R-17, Georgetown	2022R-18, Greene 1	2022R-19, Greene 2	2022R-20, Hartland
Prop	osed Cost:	\$150,000	\$150,000	\$150,000	\$150,000
Scoring Sections	Points Available				
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass
Section II: Public Infrastructure Information/Public Safety	25	19	12	14	15
Section III: Benefits to Fish & Wildlife	50	26	32	35	39
Section IV: Cost Efficiency and Effectiveness	25	20	15	14	16
TOTAL	<u>100</u>	<u>65</u>	<u>59</u>	<u>63</u>	<u>70</u>
Bio	lder Name:	2022R-21, Knox	2022R-22, Levant	2022R-23, Lincolnville	2022R-24, Manchester
Prop	osed Cost:	\$150,000	\$150,000	\$150,000	\$150,000
Scoring Sections	Points Available				
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass
Section II: Public Infrastructure Information/Public Safety	25	19	12	18	11
Section III: Benefits to Fish & Wildlife	50	43	31	39	37
Section IV: Cost Efficiency and Effectiveness	25	17	18	22	15
TOTAL	<u>100</u>	<u>79</u>	<u>61</u>	<u>79</u>	<u>63</u>

		RFP# 2022	08126		
202	22 Grants f	or Stream Crossing	Infrastructure Improv	vements	
Bio	lder Name:	2022R-25, Mercer	2022R-26, Mexico	2022R-27, Monmouth	2022R-28, Nobleboro
Prop	osed Cost:	\$150,000	\$150,000	\$150,000	\$150,000
Scoring Sections	Points Available				
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass
Section II: Public Infrastructure Information/Public Safety	25	20	22	21	11
Section III: Benefits to Fish & Wildlife	50	30	29	32	39
Section IV: Cost Efficiency and Effectiveness	25	18	18	19	17
TOTAL	<u>100</u>	<u>68</u>	<u>69</u>	<u>72</u>	<u>67</u>
Bio	lder Name:	2022R-29, Peru	2022R-30, Richmond 1	2022R-31, Richmond 2	2022R-32, Rockland
Prop	osed Cost:	\$150,000	\$150,000	\$150,000	\$150,000
Scoring Sections	Points Available				
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass
Section II: Public Infrastructure Information/Public Safety	25	17	18	17	15
Section III: Benefits to Fish & Wildlife	50	45	32	35	32
Section IV: Cost Efficiency and Effectiveness	25	13	18	20	15
TOTAL	<u>100</u>	<u>75</u>	<u>68</u>	<u>72</u>	<u>62</u>

		RFP# 2022	08126			
202	2 Grants f	or Stream Crossing	Infrastructure Improv	ements		
Bio	Bidder Name: 2022R-33, Rumford 2022R-34, Skowhegan WELS 2022R-36, Topsha					
Prop	osed Cost:	\$150,000	\$150,000	\$44,700	\$150,000	
Scoring Sections	Points Available					
Section I: Applicability	Pass/Fail	Pass	N/A	Pass	Pass	
Section II: Public Infrastructure Information/Public Safety	25	19	Not Scored, withdrawn	15	14	
Section III: Benefits to Fish & Wildlife	50	44	Not Scored, withdrawn	24	30	
Section IV: Cost Efficiency and Effectiveness	25	20	Not Scored, withdrawn	10	16	
TOTAL	<u>100</u>	<u>83</u>	0	<u>49</u>	<u>60</u>	
Bio	lder Name:	2022R-37, Troy	2022R-38, Waldoboro	2022R-39, Wales	2022R-40, Warren	
Prop	osed Cost:	\$40,000	\$150,000	\$150,000	\$150,000	
Scoring Sections	Points Available					
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass	
Section II: Public Infrastructure Information/Public Safety	25	16	14	11	10	
Section III: Benefits to Fish & Wildlife	50	25	44	34	33	
Section IV: Cost Efficiency and Effectiveness	25	8	9	16	16	
TOTAL	<u>100</u>	<u>49</u>	<u>67</u>	<u>61</u>	<u>59</u>	

		RFP# 2022	08126		
202	22 Grants 1	for Stream Crossing	Infrastructure Improv	rements	
Bio	lder Name:	2022R-41, Wells 1	2022R-42, Wells 2	2022R-43, Whitefield	2022R-44, Winslow
Prop	osed Cost:	\$150,000	\$150,000	\$146,000	\$150,000
Scoring Sections	Points Available				
Section I: Applicability	Pass/Fail	Pass	Pass	Pass	Pass
Section II: Public Infrastructure Information/Public Safety	25	15	16	18	12
Section III: Benefits to Fish & Wildlife	50	37	40	37	31
Section IV: Cost Efficiency and Effectiveness	25	16	18	16	17
TOTAL	<u>100</u>	<u>68</u>	<u>74</u>	<u>71</u>	<u>60</u>
Bio	lder Name:	2022R-45, Woolwich 1	2022R-46, Woolwich 2		
Prop	osed Cost:	\$150,000	\$150,000		
Scoring Sections	Points Available				
Section I: Applicability	Pass/Fail	Pass	Pass		
Section II: Public Infrastructure Information/Public Safety	25	10	20		
Section III: Benefits to Fish & Wildlife	50	31	44		
Section IV: Cost Efficiency and Effectiveness	25	10	15		
TOTAL	<u>100</u>	<u>51</u>	<u>79</u>		





March 1, 2023

Marc Meyers, City Manager City of Bath 55 Front Street Bath, ME 04530

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Marc:

Awardee	Road	Award Amount
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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)

### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov





March 1, 2023

Robert A Peabody, Jr. Town of Bridgton 3 Chase Street, Suite 1 Bridgton, ME 04009

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Robert:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	<b>Award Amount</b>
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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).

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Sincerely

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### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov





March 1, 2023

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

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear David:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

	Awardee Road		Award Amount
	Manchester	Prescott Road	\$150,000.00
	Mercer	Pond Road	\$150,000.00
	Mexico	Thompson Hill Road	\$150,000.00
	Monmouth	Wilson Pond Road	\$150,000.00
	Nobleboro	Bayview Road	\$150,000.00
	Peru	Dickvale Road	\$150,000.00
	Richmond	Brown Road	\$150,000.00
	Richmond	Lincoln Street	\$150,000.00
	Rockland	Bog Road (Dunbar Rd)	\$150,000.00
	Rumford	Isthmus Road	\$150,000.00
	Waldoboro	Elm Street	\$150,000.00
	Wales	East Road	\$150,000.00
	Wells	Newhall Road	\$150,000.00
_	Wells	Cole Road	\$150,000.00
	Whitefield	South Hunts Meadows Road	\$146,000.00
_	Woolwich	George Wright Road	\$150,000.00

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)

### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov





March 1, 2023

Felice Lyford Town of Brownville 586 Main Road Brownville, ME 04414

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

Dear Felice:

Awardee	Road	Award Amount
Oxford County	Patte Brook	\$150,000.00
(Albany Twp)	Road	\$130,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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





March 1, 2023

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

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Rebecca:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

	Awardee	Road	Award Amount
	Manchester	Prescott Road	\$150,000.00
	Mercer	Pond Road	\$150,000.00
	Mexico	Thompson Hill Road	\$150,000.00
	Monmouth	Wilson Pond Road	\$150,000.00
	Nobleboro	Bayview Road	\$150,000.00
	Peru	Dickvale Road	\$150,000.00
	Richmond	Brown Road	\$150,000.00
	Richmond	Lincoln Street	\$150,000.00
	Rockland	Bog Road (Dunbar Rd)	\$150,000.00
	Rumford	Isthmus Road	\$150,000.00
	Waldoboro	Elm Street	\$150,000.00
	Wales	East Road	\$150,000.00
	Wells	Newhall Road	\$150,000.00
_	Wells	Cole Road	\$150,000.00
	Whitefield	South Hunts Meadows Road	\$146,000.00
_	Woolwich	George Wright Road	\$150,000.00

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





March 1, 2023

Daniel Sherman Town of Cornish 17 Maple Street Cornish, ME 04020

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Daniel:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	<b>Award Amount</b>
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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).

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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)

### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov





March 1, 2023

Chris Bolduc Town of Cumberland 290 Tuttle Road Cumberland, ME 04021

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

Dear Chris:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

	Awardee	Road	Award Amount
	Manchester	Prescott Road	\$150,000.00
	Mercer	Pond Road	\$150,000.00
	Mexico	Thompson Hill Road	\$150,000.00
	Monmouth	Wilson Pond Road	\$150,000.00
	Nobleboro	Bayview Road	\$150,000.00
	Peru	Dickvale Road	\$150,000.00
	Richmond	Brown Road	\$150,000.00
	Richmond	Lincoln Street	\$150,000.00
	Rockland	Bog Road (Dunbar Rd)	\$150,000.00
	Rumford	Isthmus Road	\$150,000.00
	Waldoboro	Elm Street	\$150,000.00
	Wales	East Road	\$150,000.00
	Wells	Newhall Road	\$150,000.00
_	Wells	Cole Road	\$150,000.00
	Whitefield	South Hunts Meadows Road	\$146,000.00
_	Woolwich	George Wright Road	\$150,000.00

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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





March 1, 2023

Jack Clukey Town of Dover-Foxcroft 48 Morton Ave, suite A Dover-Foxcroft, ME 04426

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Jack:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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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)

### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov





March 1, 2023

Calvin Beaumier Town of Durham 1099 Royalsborough Rd Durham, ME 04222

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Calvin:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	<b>Award Amount</b>
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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Sincerely

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### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov





March 1, 2023

Julie Curtis, Selectperson Town of Eastbrook 959 Eastbrook Rd Eastbrook, ME 04634

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Julie:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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Sincerely

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### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov





March 1, 2023

Michelle Flewelling Town of Fairfield 19 Lawrence Ave Fairfield, ME 04937

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Michelle:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	<b>Award Amount</b>
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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

Sincerely

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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





March 1, 2023

C. Ronald Price Town of Freedom 71 Pleasant Street Freedom, ME 04941

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

Dear C. Ronald:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov





March 1, 2023

Amanda Campbell Town of Georgetown PO Box 436 Georgetown, ME 04548

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Amanda:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov





March 1, 2023

Carroll Buzzell Town of Greene 220 Main Street Greene, ME 04236

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Carroll:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	<b>Award Amount</b>
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00
Whitefield	South Hunts Meadows Road George Wright	\$146,000.00

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Augusta, Maine 04333-0017
207-615-3279 (direct)
207-287-2814 (fax)

john.maclaine@maine.gov

### STATEMENT OF APPEAL RIGHTS





March 1, 2023

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

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

## Dear Christopher:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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Sincerely

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### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov





March 1, 2023

William Hubbard, 3rd Selectman Town of Knox 10 Abbott Rd Knox, ME 04986

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear William:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	<b>Award Amount</b>
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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Sincerely

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### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov





March 1, 2023

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

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

Dear Scott:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

	Awardee	Road	Award Amount
	Manchester	Prescott Road	\$150,000.00
	Mercer	Pond Road	\$150,000.00
	Mexico	Thompson Hill Road	\$150,000.00
	Monmouth	Wilson Pond Road	\$150,000.00
	Nobleboro	Bayview Road	\$150,000.00
	Peru	Dickvale Road	\$150,000.00
	Richmond	Brown Road	\$150,000.00
	Richmond	Lincoln Street	\$150,000.00
	Rockland	Bog Road (Dunbar Rd)	\$150,000.00
	Rumford	Isthmus Road	\$150,000.00
	Waldoboro	Elm Street	\$150,000.00
	Wales	East Road	\$150,000.00
	Wells	Newhall Road	\$150,000.00
_	Wells	Cole Road	\$150,000.00
_	Whitefield	South Hunts Meadows Road	\$146,000.00
_	Woolwich	George Wright Road	\$150,000.00

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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)

### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov





March 1, 2023

David B. Kinney, Town Administrator Town of Lincolnville 493 Hope Road Linconville, ME 04849

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear David:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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Sincerely

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### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov





March 1, 2023

Debora Southiere Town of Manchester PO Box 18 Manchester, ME 04351

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Debora:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	<b>Award Amount</b>
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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Sincerely

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### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov





March 1, 2023

Gary Mosher Town of Mercer 1015 Beech Hill Rd, Suite A Mercer, ME 04957

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

Dear Gary:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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Sincerely

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### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov





March 1, 2023

Raquel Welch-Day Town of Mexico 134 Main Street Mexico, ME 04257

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

### Dear Raquel:

Awardee	Road	Award Amount
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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

Sincerely

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### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov





March 1, 2023

Justin Poirier, Town Manager Town of Monmouth 859 Main Street, PO Box 270 Monmouth, ME 04259

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Justin:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

	Awardee	Road	Award Amount
	Manchester	Prescott Road	\$150,000.00
	Mercer	Pond Road	\$150,000.00
	Mexico	Thompson Hill Road	\$150,000.00
	Monmouth	Wilson Pond Road	\$150,000.00
	Nobleboro	Bayview Road	\$150,000.00
	Peru	Dickvale Road	\$150,000.00
	Richmond	Brown Road	\$150,000.00
	Richmond	Lincoln Street	\$150,000.00
	Rockland	Bog Road (Dunbar Rd)	\$150,000.00
	Rumford	Isthmus Road	\$150,000.00
	Waldoboro	Elm Street	\$150,000.00
	Wales	East Road	\$150,000.00
	Wells	Newhall Road	\$150,000.00
_	Wells	Cole Road	\$150,000.00
_	Whitefield	South Hunts Meadows Road	\$146,000.00
_	Woolwich	George Wright Road	\$150,000.00

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### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov





March 1, 2023

Richard Spear Town of Nobleboro 192 US Highway 1 Nobleboro, ME

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Richard:

Awardee	Road	Award Amount
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov





March 1, 2023

Donald Durrah
Oxford County
26 Western Ave
South Paris, ME 04281

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Donald:

Awardee	Road	Award Amount
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
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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





March 1, 2023

George Buswell Penobscot County Unorganized Territory Administration 97 Hammond Street Bangor, ME 04401

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

### Dear George:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
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Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
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### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov





March 1, 2023

Road Commissioner Town of Peru PO Box 429 Peru, ME 04290

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Road Commissioner:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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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





March 1, 2023

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

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Laurisa:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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)

### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov





March 1, 2023

Thomas Luttrell, City Manager City of Rockland 270 Pleasant Street Rockland, ME 04841

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Thomas:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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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)

### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov





March 1, 2023

Dale Roberts, Public Works Superintendent Town of Rumford 145 Congress Street Rumford, ME 04276

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Dale:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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).

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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





March 1, 2023

Dennis Cox, Public Works Director Town of Topsham 10 Maintenance Way Topsham, ME 04086

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Dennis:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awa	rdee	Road	Award Amount
Manch	ester	Prescott Road	\$150,000.00
Mer	cer	Pond Road	\$150,000.00
Mex	ico	Thompson Hill Road	\$150,000.00
Monm	outh	Wilson Pond Road	\$150,000.00
Noble	boro	Bayview Road	\$150,000.00
Per	ru	Dickvale Road	\$150,000.00
Richm	nond	Brown Road	\$150,000.00
Richm	nond	Lincoln Street	\$150,000.00
Rock	land	Bog Road (Dunbar Rd)	\$150,000.00
Rum	ford	Isthmus Road	\$150,000.00
Waldo	boro	Elm Street	\$150,000.00
Wa	les	East Road	\$150,000.00
We	lls	Newhall Road	\$150,000.00
We	lls	Cole Road	\$150,000.00
White	efield	South Hunts Meadows Road	\$146,000.00
Wool	wich	George Wright Road	\$150,000.00

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Sincerely

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### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov





March 1, 2023

Brian Piper, Selectman Town of Troy 129 Rogers Road Troy, ME 04987

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Brian:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

	Awardee	Road	Award Amount
	Manchester	Prescott Road	\$150,000.00
	Mercer	Pond Road	\$150,000.00
	Mexico	Thompson Hill Road	\$150,000.00
	Monmouth	Wilson Pond Road	\$150,000.00
	Nobleboro	Bayview Road	\$150,000.00
	Peru	Dickvale Road	\$150,000.00
	Richmond	Brown Road	\$150,000.00
	Richmond	Lincoln Street	\$150,000.00
	Rockland	Bog Road (Dunbar Rd)	\$150,000.00
	Rumford	Isthmus Road	\$150,000.00
	Waldoboro	Elm Street	\$150,000.00
	Wales	East Road	\$150,000.00
	Wells	Newhall Road	\$150,000.00
_	Wells	Cole Road	\$150,000.00
_	Whitefield	South Hunts Meadows Road	\$146,000.00
_	Woolwich	George Wright Road	\$150,000.00

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).

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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)

### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov





March 1, 2023

Julie Keizer Town of Waldoboro PO Box J Waldoboro, ME 04572

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Julie:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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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





March 1, 2023

Bill Austin, Public Works Director Town of Wales 175 Centre Road Wales, ME 04280

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

Dear Bill:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

	Awardee	Road	Award Amount
	Manchester	Prescott Road	\$150,000.00
	Mercer	Pond Road	\$150,000.00
	Mexico	Thompson Hill Road	\$150,000.00
	Monmouth	Wilson Pond Road	\$150,000.00
	Nobleboro	Bayview Road	\$150,000.00
	Peru	Dickvale Road	\$150,000.00
	Richmond	Brown Road	\$150,000.00
	Richmond	Lincoln Street	\$150,000.00
	Rockland	Bog Road (Dunbar Rd)	\$150,000.00
	Rumford	Isthmus Road	\$150,000.00
	Waldoboro	Elm Street	\$150,000.00
	Wales	East Road	\$150,000.00
	Wells	Newhall Road	\$150,000.00
_	Wells	Cole Road	\$150,000.00
_	Whitefield	South Hunts Meadows Road	\$146,000.00
_	Woolwich	George Wright Road	\$150,000.00

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).

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

Sincerely

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### **STATEMENT OF APPEAL RIGHTS**

john.maclaine@maine.gov

### STATE OF MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION





March 1, 2023

Sherry Howard, Town Manager Town of Warren 167 Western Road Warren, ME 04864

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

Dear Sherry:

This letter is in regard to the subject Request for Applications (RFA) #202208126, issued by the State of Maine Department of Environmental Protection for 2022 Stream Crossing Public Infrastructure Improvement Projects. Although this round initially had available funding for \$3 Million in grants, returned funds from withdrawn projects were added to increase the number of awards. The Department received 46 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:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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)

#### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov

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).

### STATE OF MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION





March 1, 2023

Carol Murray, P.E., Public Works Director Town of Wells 585 North Berwick Road, Rte 9 Wells, ME 04090

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Carol:

This letter is in regard to the subject Request for Applications (RFA) #202208126, issued by the State of Maine Department of Environmental Protection for 2022 Stream Crossing Public Infrastructure Improvement Projects. Although this round initially had available funding for \$3 Million in grants, returned funds from withdrawn projects were added to increase the number of awards. The Department received 46 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:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
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Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
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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)

#### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov

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### STATE OF MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION





March 1, 2023

Town of Whitefield 36 Townhouse Rd Whitefield, ME 04353

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

#### Dear Whitefield Official:

This letter is in regard to the subject Request for Applications (RFA) #202208126, issued by the State of Maine Department of Environmental Protection for 2022 Stream Crossing Public Infrastructure Improvement Projects. Although this round initially had available funding for \$3 Million in grants, returned funds from withdrawn projects were added to increase the number of awards. The Department received 46 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:

Awardee	Road	<b>Award Amount</b>
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
Brooklin	Hales Hill Road	\$150,000.00
Brownville	Spencer Road	\$150,000.00
Cumberland	Greely Road # 1 (Maxfield Brook)	\$150,000.00
Cumberland	Greely Road # 2 (Windle Brook)	\$150,000.00
Durham	Swamp Road	\$150,000.00
Eastbrook	Macomber Mill Road	\$115,000.00
Fairfield	Green Road	\$150,000.00
Georgetown	Robinhood Road	\$150,000.00
Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Road	Award Amount
Prescott Road	\$150,000.00
Pond Road	\$150,000.00
Thompson Hill Road	\$150,000.00
Wilson Pond Road	\$150,000.00
Bayview Road	\$150,000.00
Dickvale Road	\$150,000.00
Brown Road	\$150,000.00
Lincoln Street	\$150,000.00
Bog Road (Dunbar Rd)	\$150,000.00
Isthmus Road	\$150,000.00
Elm Street	\$150,000.00
East Road	\$150,000.00
Newhall Road	\$150,000.00
Cole Road	\$150,000.00
South Hunts Meadows Road	\$146,000.00
George Wright Road	\$150,000.00
	Prescott Road  Pond Road Thompson Hill Road Wilson Pond Road Bayview Road  Dickvale Road  Brown Road  Lincoln Street Bog Road (Dunbar Rd) Isthmus Road Elm Street East Road  Newhall Road  Cole Road South Hunts Meadows Road George Wright

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).

### STATE OF MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION





March 1, 2023

Erica LaCroix Town of Winslow 114 Benton Ave. Winslow, ME 04901

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

Dear Erica:

This letter is in regard to the subject Request for Applications (RFA) #202208126, issued by the State of Maine Department of Environmental Protection for 2022 Stream Crossing Public Infrastructure Improvement Projects. Although this round initially had available funding for \$3 Million in grants, returned funds from withdrawn projects were added to increase the number of awards. The Department received 46 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:

Awardee	Road	Award Amount
Oxford County (Albany Twp)	Patte Brook Road	\$150,000.00
Bath	Anchor Road	\$150,000.00
Bridgton	Wildwood Road	\$150,000.00
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Greene	Main Street	\$150,000.00
Hartland	Morrill Pond Road	\$150,000.00
Knox	Shibles Road	\$150,000.00
Levant	Horseback Road	\$150,000.00
Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
Nobleboro	Bayview Road	\$150,000.00
Peru	Dickvale Road	\$150,000.00
Richmond	Brown Road	\$150,000.00
Richmond	Lincoln Street	\$150,000.00
Rockland	Bog Road (Dunbar Rd)	\$150,000.00
Rumford	Isthmus Road	\$150,000.00
Waldoboro	Elm Street	\$150,000.00
Wales	East Road	\$150,000.00
Wells	Newhall Road	\$150,000.00
Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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 Innovation and Assistance Department of Environmental Protection 17 State House Station Augusta, Maine 04333-0017 207-615-3279 (direct) 207-287-2814 (fax)

#### STATEMENT OF APPEAL RIGHTS

john.maclaine@maine.gov

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### STATE OF MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION





March 1, 2023

Kim Dalton Town of Woolwich 13 Nequasset Rd Woolwich, ME 04579

SUBJECT: Notice of Conditional Contract Awards under RFA # 202208126, 2022 Stream Crossing Public Infrastructure Improvement Projects

Dear Kim:

This letter is in regard to the subject Request for Applications (RFA) #202208126, issued by the State of Maine Department of Environmental Protection for 2022 Stream Crossing Public Infrastructure Improvement Projects. Although this round initially had available funding for \$3 Million in grants, returned funds from withdrawn projects were added to increase the number of awards. The Department received 46 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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Lincolnville	Townhouse Road	\$150,000.00

Awardee	Road	Award Amount
Manchester	Prescott Road	\$150,000.00
Mercer	Pond Road	\$150,000.00
Mexico	Thompson Hill Road	\$150,000.00
Monmouth	Wilson Pond Road	\$150,000.00
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Wells	Cole Road	\$150,000.00
Whitefield	South Hunts Meadows Road	\$146,000.00
Woolwich	George Wright Road	\$150,000.00

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
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john.maclaine@maine.gov

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RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-1, Albany Twp (Oxford Co)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	х	
The proposed project includes matching funds from local or other sources.	х	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>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>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-1, Albany Twp (Oxford Co)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## OVERVIEW OF SECTION I Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Oxford County Contact: Donald Durrah

Consultant/Agent Info: Rob Prue, PE

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-1, Albany Twp (Oxford Co)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### EVALUATION OF SECTION II

### Public Infrastructure Information/Public Safety

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

**Evaluation Team Comments**:

**Town Name:** Albany Twp (Oxford Co) **Road name:** Patte Brook Road **Stream Name:** Walker Brook

Existing Culvert Size & Material: (2) 48"Rx~30'L CMP

Crossing Age: 22

**Bankfull width and method:** 10.300000000000001 multiple field average completed (3 up, 3 down)

**Accepted method?** Yes

New Structure size & type: 13'Sx5'Hx45'L 4 Sided Concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed on 10/28/22

closed bottom

Estimated time to failure: 3-5

### Previous flooding or failure events, documentation, culvert condition, age:

Twin pipe configuration traps debris at both the inlet

and outlet side of the culverts

Flooding: 3 times in the past 10 years, previous washout, undersized, no photos; December 1, 2020 water over road causing erosion

around the culverts, which is undermining roadbed.

**Design meets DOT 100-year flood standard:** Yes

Regularly obstruction or maintenance required?: Annually

**Impact** 

AADT: 116 Cut Offs: 0

Detours: 12; 1.65 miles

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

no type listed

Patte Brook Road is the direct access to the eastern side of the White Mountain National Forest from State

Route 5/35, so failure of this culvert/crossing would require visitors to detour.

shorter detour, lower relative impact, lower volume road

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-1, Albany Twp (Oxford Co)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments:**

Field work:

Bankfull width method: multiple field average completed (3 up, 3 down)

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Embedded Banks within structure? Yes

Type of bottom - Pebble Count Analysis

New Structure considerations:
Additional Comments:
Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: 8303

Benefits to Fish & Wildlife: James Pellerin, Regional Fisheries Biologist of MDIFW, said that this is a wild

brook trout and wild landlocked salmon habitat, and that a larger crossing would be encouraged., scour, backwater, erosion to resource, perched twin culverts

Water quality improvements: opens rest of stream trib, important for brook trout

Support letters, other notable benefits: James Pellerin, Regional Fisheries Biologist of MDIFW, said that this is a wild

brook trout and wild landlocked salmon habitat, and that a larger crossing would be encouraged.

DMR Resource/Habitat Comments: No current diadromous value IFW Resource/Habitat Comments: Wild BKT, maybe some wild LLS

Habitat Opened/Improved: upstream habitat- 3.7 miles

Fish present, source of info: Wild brook trout, ATS; per IFW, BKT

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER: 2022R-1, Albany Twp (Oxford Co)** 

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$295000 Total Match: \$\$145,000.00

**% Match proposed**: 0.49152542372881358

**Engineering** 

To be stamped?: Yes Completion level: Plans

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$est \$5-10k

Construction year: 2023

Feasibility for success: matching funds committed; 6 ft rise may result in low height with

stream bed

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-2, Bath

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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.	Х	
<ul> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	х	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	Х	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	21
Section III: Benefits to Fish & Wildlife	50	26
Section IV: Cost Efficiency and Effectiveness	25	18
<u>Total Points</u>	<u>100</u>	<u>65</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-2, Bath

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## OVERVIEW OF SECTION I Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: City of Bath

Contact: Marc Meyers, City Manager

Consultant/Agent Info: Jaime Wallace PE, Wright-Pierce

Notes:

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-2, Bath

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	21

#### **Evaluation Team Comments**:

Town Name: Bath

Road name: Anchor Rd

Stream Name: Whiskeag Creek

Existing Culvert Size & Material: 78"Rx36'L CMP

Crossing Age: 25+

**Bankfull width and method:** 0 mulitple remote & field measurements

**Accepted method?** Yes

New Structure size & type: none natural flow, restoration

Contacted DOT Bridge Program if 10' or greater?: n/a

removal

Estimated time to failure: <1

### Previous flooding or failure events, documentation, culvert condition, age:

poor condition, corroded, unzipped no bottom

Flooding: flooding numerous times during rain events,

Design meets DOT 100-year flood standard: Yes

**Regularly obstruction or maintenance required?:** debris removed several times/year, damage & 2 recent washouts documented

#### **Impact**

AADT: 0 Cut Offs: 0 Detours: n/a

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

road not used for travel

crossing conveys a 12" ductile iron water main for sprinkler system

no photos or aerials included, low traffic, single lane rd

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-2, Bath

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section III: Benefits to Fish & Wildlife	50	26

### **Evaluation Team Comments**:

Field work:

Bankfull width method: mulitple remote & field measurements

Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Open - restoration, no structure

Banks within structure? Yes Type of bottom - Closely match

**New Structure considerations:** 

Additional Comments: Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: not mapped, near 15925(1500ft US)

**Benefits to Fish & Wildlife:**, tidal flow improvement & restoration, sediment released from from failures; upstream impoundment, downstream degraded habitat

**Water quality improvements:** potential for fisheries improvement but no access from DS, opening/removal of crossing is beneficial

Support letters, other notable benefits:

DMR Resource/Habitat Comments: River herring run into Whiskeag Creek but barriers between proposed culvert replacement and existing run. There are American eels at this location but very few and limited by habitat above culvert

IFW Resource/Habitat Comments: Limited inland fishery resources

Habitat Opened/Improved: upstream habitat- 0.28 miles

**Fish present, source of info:** none listed, ATS modelled rearing 4.68 units; alewife pond; sea run smelt habitat

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-2, Bath

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments:**

Requested funding: \$150000 Total Project Cost: \$533000 Total Match: \$\$383,000.00

% Match proposed: 71.85%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$45,000.00

Construction year: 2023

Feasibility for success: restoration project, road removal, restoration. Match is not yet

committed. New water line install-costs associated?

**RFP #**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-3, Bridgton

**DATE**: 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	х	
<ul> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	x	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	Points Available	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	18
Section III: Benefits to Fish & Wildlife	50	32
Section IV: Cost Efficiency and Effectiveness	25	15
<u>Total Points</u>	<u>100</u>	<u>65</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-3, Bridgton

**DATE**: 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Bridgton Contact: Robert A Peabody, Jr.

Consultant/Agent Info: Brent Bridges, Woodard & Curran

Notes: didn't follow submission directions, multiple files

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-3, Bridgton

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### EVALUATION OF SECTION II

### **Public Infrastructure Information/Public Safety**

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

### **Evaluation Team Comments**:

Town Name: Bridgton

Road name: Wildwood Road Stream Name: Sucker Brook

Existing Culvert Size & Material: 6'Rx25'L Concrete Pipe

Crossing Age: 60+

Bankfull width and method: 14

multiple field average completed (3 up, 3 down)

**Accepted method?** Yes

New Structure size & type: 17'Sx5'Hx25'L 4 Sided Concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 8/10/22, spoke with Ben

Foster on 8/8/22

Minor Span proposed **Estimated time to failure:** 1-3

### Previous flooding or failure events, documentation, culvert condition, age:

deteriorating under heavy vehicle loads, rebar exposed

Flooding: undersized. Residents report that the crossing has flooded twice in the last 10-years.

**Design meets DOT 100-year flood standard:** Yes

Regularly obstruction or maintenance required?: bi-monthly

**Impact** 

AADT: 260 Cut Offs: 0 Detours: 0

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

kids camp & homes

DEP Wastewater Treatment Facility for Camp Wildwood

cut-offs, wastewater facility with kids camp

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-3, Bridgton

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

### **Evaluation Team Comments:**

Field work:

Bankfull width method: multiple field average completed (3 up, 3 down) Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Embedded

Banks within structure? Yes

Type of bottom - Closely match

New Structure considerations: Additional Comments: Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: 8571

**Benefits to Fish & Wildlife:** , Hanging culvert. This site has been identified as an erosion source in past watershed surveys. Using formulas developed by the U.S. Forest Service, we calculated an erosion rate of 4.26 tons per year that drain into Woods Pond.

Water quality improvements: good amount of upstream habitat opened, presence of tartget spp,

Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value IFW Resource/Habitat Comments: Limited inland fishery resources

Habitat Opened/Improved: upstream habitat- 2.14-5 miles indicated miles

Fish present, source of info: wild brook trout MSHV, Cumberland county trout study, BKT

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-3, Bridgton

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$255000 Total Match: \$\$105,000.00

% Match proposed: 41.17

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$6,500.00

Construction year: 2023

Feasibility for success: match from reserve fund, engineer engaged

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-4, Brooklin (& Sedgwick)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	х	
<ul> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	12
Section III: Benefits to Fish & Wildlife	50	36
Section IV: Cost Efficiency and Effectiveness	25	16
<u>Total Points</u>	<u>100</u>	<u>64</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-4, Brooklin (& Sedgwick)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## OVERVIEW OF SECTION I Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

#### **Contact information:**

Applicant: Town of Brooklin Contact: David Riley, Selectman

Consultant/Agent Info: Andrew McCullough, PE

Notes: on behalf of 2 towns, Brooklin & Sedgwick

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-4, Brooklin (& Sedgwick)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

**Evaluation Team Comments**:

Town Name: Brooklin (& Sedgwick)
Road name: Hales Hill Road
Stream Name: Meadow Brook

Existing Culvert Size & Material: 8.5'Sx5'Hx20'L Span

Crossing Age: 50+

**Bankfull width and method:** 11.1 multiple field average (3 up, tidal down),

**Accepted method?** Yes

New Structure size & type: 15'Sx6'Hx28'L Open Bottom Concrete Box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 6/28/22

Minor Span proposed

Estimated time to failure: 5-10

Previous flooding or failure events, documentation, culvert condition, age:

prolonged effects of exposure to salt water Flooding: undersized, more flooding

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

**Impact** 

AADT: 349 Cut Offs: 0 Detours: 5.7 miles

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

mutual aid

wide support from variety of organizations

moderate detour, unknown

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-4, Brooklin (& Sedgwick)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	Points Awarded
Section III: Benefits to Fish & Wildlife	50	36

#### **Evaluation Team Comments:**

#### Field work:

Bankfull width method: multiple field average (3 up, tidal down),

Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: No barrier

Maine Stream Habitat Viewer ID: 50651

Benefits to Fish & Wildlife: Greg Burr- no fisheries concerns, important project for Great Marsh,

scour

Water quality improvements: improving habitat rather than opening barrier

Support letters, other notable benefits: Greg Burr- no fisheries concerns

DMR Resource/Habitat Comments: Not classified as a barrier in the MSHV. No documented smelt or river herring

IFW Resource/Habitat Comments: High value wild brook trout and landlocked salmon stream

Habitat Opened/Improved: upstream habitat- 0 miles

**Fish present, source of info:** eels, SR smelt(not documented by DMR), SR BKT -Bailey Bowden, Bagaduce River Monitor, Atlantic Salmon DPS, Atlantic salmon modelled habitat Class 1 30319

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-4, Brooklin (& Sedgwick)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments:**

Requested funding: \$150000
Total Project Cost: \$373000
Total Match: \$\$223,000.00

% Match proposed: 59.7

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$\$63,752 was spent by the Maine DOT in 2022 to make repairs under the contract to replace the Blue Hill Falls Bridge as this is a potential detour

route.

Construction year: 0

Feasibility for success: \$81,050 committed to date by Town of Brooklin and Town of Sedgwick. Didn't include letter of support from Sedgwick

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-5, Brownville

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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	
The proposed project includes matching funds from local or other sources.	X	
The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	Х	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	36
Section IV: Cost Efficiency and Effectiveness	25	11
<u>Total Points</u>	<u>100</u>	<u>61</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-5, Brownville

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Brownville

Contact: Felice Lyford

Consultant/Agent Info: Greg MacAlister; Calderwood Engineering

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-5, Brownville

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

Town Name: Brownville Road name: Spencer Road Stream Name: Alder Brook

Existing Culvert Size & Material: (1) 3'Rx40'L, (1) 2'Rx43'L CMP

Crossing Age: 15

Bankfull width and method: 7.4

multiple field average completed (5 up, 5 down)

**Accepted method?** Yes

New Structure size & type: 10'Sx~6'Hx44'L Open Bottom metal arch

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/9/22

Minor Span proposed

Estimated time to failure: 5-11

#### Previous flooding or failure events, documentation, culvert condition, age:

lareg scour hoel at outlet, undersized. 15 years ago was impassable from storm, 2 hanging culverts

Flooding: Approximately every 2-3 years

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: every 3-5 years

#### **Impact**

AADT: 59 Cut Offs: 5 Detours: 0

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

5 homes

no detour, no guardrail currently cutoff, low traffic, ok condition, undersized

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-5, Brownville

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section III: Benefits to Fish & Wildlife	50	36

#### **Evaluation Team Comments**:

#### Field work:

**Bankfull width method:** multiple field average completed (5 up, 5 down) **Longitudinal profile of stream beyond culvert influence completed?** TBD,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: 2553

**Benefits to Fish & Wildlife:** , According to the Nature Conservancy's Barrier Prioritization Tool this crossing is high priority for ESA Salmon and Shad/Blueback Herring for the entire State.

**Water quality improvements:** bottom of the main culvert is 2'-0" from the downstream stream bed

#### Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value IFW Resource/Habitat Comments: BKT present. Abundant BKT spawning/rearing habitat below crossing. Adequate BKTrearing habitat above crossing.

Habitat Opened/Improved: upstream habitat- 0.44 miles

Fish present, source of info: none listed, Atlantic salmon modelled habitat class 1 5.89 units

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-5, Brownville

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$178000 Total Match: \$\$28,000.00

**% Match proposed**: 15.7%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$-

Construction year: 2023

Feasibility for success: low match amount-in kind match primarily

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-6, China

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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	
The proposed project includes matching funds from local or other sources.	X	
The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	Х	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	16
Section III: Benefits to Fish & Wildlife	50	32
Section IV: Cost Efficiency and Effectiveness	25	10
<u>Total Points</u>	<u>100</u>	<u>58</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-6, China

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

## **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of China Contact: Rebecca Hapgood

Consultant/Agent Info: St. Germain

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-6, China

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

#### **Evaluation Team Comments**:

Town Name: China

Road name: Ingraham Road Stream Name: Hewitt Brook

Existing Culvert Size & Material: (1) 2'Rx52'L, (10) 2.75'Rx52'L CMP

Crossing Age: unknown

#### Bankfull width and method:

2 Field measurements, additional field work necessary to confirm

Accepted method? No

New Structure size & type: 9.5'CS(11.3'TS) x36'L Open bottom aluminum box

Contacted DOT Bridge Program if 10' or greater?: n/a

Clear span est. 9'6"
Estimated time to failure: 1-3

### Previous flooding or failure events, documentation, culvert condition, age:

completely rusted out culverts

Flooding: no flooding documented, beavers cause obstructions

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Annually

#### **Impact**

AADT: 140 Cut Offs: 0

Detours: 19, 3.3 miles

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

### homes

Ingraham Road is a through road that connects Route 32 and Kidder Road poor structure condition, moderate impacts

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-6, China

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments:**

### Field work:

**Bankfull width method:** 2 Field measurements, additional field work necessary to confirm **Longitudinal profile of stream beyond culvert influence completed?** Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 3772

Benefits to Fish & Wildlife: ,

Water quality improvements: good amount of habitat, not high quality

Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: Surveyed this site on 8/17/01 - just east of Threemile Pond - collected PKS, BND, CCB, WHS. Based on the drainage and fish assemblage, this is a lower priority site.

Habitat Opened/Improved: upstream habitat- 4.58 miles

Fish present, source of info: present, ATS CH, BKT

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-6, China

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$175000 Total Match: \$\$25,000.00

% Match proposed: 14.2

**Engineering** 

To be stamped?: Yes Completion level: Plans

**Army Corp Permit info: Contact** 

Costs over previous 10 years: cleaning costs

Construction year: 2023

Feasibility for success: low confidence in sizing based on lack of measurements. Plans may need to be redesigned based on better info

**RFP #**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-7, Cornish

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	x	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	Points Available	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	28
Section IV: Cost Efficiency and Effectiveness	25	6
<u>Total Points</u>	<u>100</u>	<u>48</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-7, Cornish

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Cornish Contact: Daniel Sherman

Consultant/Agent Info: Sebago Technics

Notes: didn't follow submission directions, multiple files

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-7, Cornish

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

#### **Evaluation Team Comments**:

Town Name: Cornish Road name: Back Street Stream Name: Little River

Existing Culvert Size & Material: (2) 5'Rx40'L CMP

Crossing Age: 35

Bankfull width and method: 0

TBD, no modelled or measured values

Accepted method? No

New Structure size & type: TBD TBD

Contacted DOT Bridge Program if 10' or greater?: No, intend to contact

Minor Span proposed Estimated time to failure: <1

### Previous flooding or failure events, documentation, culvert condition, age:

culverts are collapsing, road is collapsing

Flooding: no flooding/overtopping but has been damaged by flooding

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no time frame included

### **Impact**

AADT: 0 Cut Offs: 0 Detours: 1 mile

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

none listed

poor condition, lower impact/lack of info

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-7, Cornish

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

## **Evaluation Team Comments**:

Field work:

Bankfull width method: TBD, no modelled or measured values

Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes Type of bottom - Closely match

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: potential barrier per photos

Maine Stream Habitat Viewer ID: NA

Benefits to Fish & Wildlife: ,

Water quality improvements: large scour pool

Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: Wild BKT, downstream dam limits connectivity value

Habitat Opened/Improved: upstream habitat- 0.7 miles

Fish present, source of info: BKT per IFW, wild BKT habitat

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-7, Cornish

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	6

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$165000 Total Match: \$\$15,000.00 % Match proposed: 9

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: TBD** 

Costs over previous 10 years: \$-

Construction year: 2023

Feasibility for success: no fieldwork completed, match not yet allocated, plans to be developed by town engineer. Construction year not possible given lack of field work

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-8, Cumberland 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	х	
<ul> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	х	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16
Section III: Benefits to Fish & Wildlife	50	32
Section IV: Cost Efficiency and Effectiveness	25	13
<u>Total Points</u>	<u>100</u>	<u>61</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-8, Cumberland 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability	

## **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Cumberland

Contact: Chris Bolduc

Consultant/Agent Info: Sevee & Maher Engineers

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-8, Cumberland 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

### **Evaluation Team Comments**:

Town Name: Cumberland 1

Road name: Greely Road # 1 (Maxfield Brook)

Stream Name: Maxfield Brook

Existing Culvert Size & Material: 6'Rx40'L CMP

Crossing Age: 40+

Bankfull width and method: 0

TDB, Modelled values only, additional field work necessary to confirm

Accepted method? No

New Structure size & type: 13'Sx8'Hx44'L Concrete Arch

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/2/22

Minor Span proposed **Estimated time to failure:** 1-3

#### Previous flooding or failure events, documentation, culvert condition, age:

deteriorated, embankment not stable

Flooding: several overtopping events, damage from flooding, washouts

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

#### **Impact**

AADT: 2605 Cut Offs: 0

**Detours:** 10 homes, 1 business. 6.9 miles

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

highly travelled road, high impact from detour, poor condition

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-8, Cumberland 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

### **Evaluation Team Comments**:

Field work:

**Bankfull width method:** TDB, Modelled values only, additional field work necessary to confirm **Longitudinal profile of stream beyond culvert influence completed?** Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes Type of bottom - Closely match

New Structure considerations:
Additional Comments:
Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: 8120

Benefits to Fish & Wildlife: no fisheries data available but fish in drainage,

Water quality improvements: no noticeable erosion noted but undersized

Support letters, other notable benefits: no fisheries data available but fish in drainage

DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: No data, wild BKT likely

Habitat Opened/Improved: upstream habitat- 1.18 miles

Fish present, source of info: eels, wild BKT habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-8, Cumberland 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$200000 Total Match: \$\$50,000.00 % Match proposed: 25

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$2,500.00

Construction year: 2023

Feasibility for success: The matching funds are currently planned for the

FY2023 budget.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements BIDDER: 2022R-9 Cumberland 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection Name of RFP Coordinator: John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	16
Section III: Benefits to Fish & Wildlife	50	31
Section IV: Cost Efficiency and Effectiveness	25	14
<u>Total Points</u>	<u>100</u>	<u>61</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-9 Cumberland 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability		

## **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Cumberland

Contact: Chris Bolduc

Consultant/Agent Info: Sevee & Maher Engineers

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-9 Cumberland 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

**Evaluation Team Comments**:

Town Name: Cumberland 2

Road name: Greely Road # 2 (Windle Brook)

Stream Name: Windle Brook

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

Crossing Age: 45+

Bankfull width and method: 0

TDB, Modelled values only, additional field work necessary to confirm

Accepted method? No

New Structure size & type: 11'Sx6'Hx44'L Concrete Arch

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/2/22

Minor Span proposed **Estimated time to failure:** 1-3

Previous flooding or failure events, documentation, culvert condition, age:

deteriorated, embankment not stable

Flooding: several overtopping events, damage from flooding, washouts.

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: No

**Impact** 

AADT: 2605 Cut Offs: 0

**Detours:** 10 homes, 1 business. 6.9 miles

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

highly travelled road

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-9 Cumberland 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

### **Evaluation Team Comments**:

Field work:

**Bankfull width method:** TDB, Modelled values only, additional field work necessary to confirm **Longitudinal profile of stream beyond culvert influence completed?** Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes Type of bottom - Closely match

New Structure considerations: Additional Comments: Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: 8123

Benefits to Fish & Wildlife: no fisheries data available but fish in drainage,

Water quality improvements: erosion noted at location

Support letters, other notable benefits: no fisheries data available but fish in drainage

DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: No data, wild BKT likely

Habitat Opened/Improved: upstream habitat- 0.28 miles

Fish present, source of info: eels, wild BKT habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-9 Cumberland 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$200000 Total Match: \$\$50,000.00

% Match proposed: 25

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$10,000.00

Construction year: 2023

Feasibility for success: The matching funds are currently planned for the

FY2023 budget.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-10, Dover-Foxcroft 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	Х	
<ul> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	х	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	15
Section III: Benefits to Fish & Wildlife	50	27
Section IV: Cost Efficiency and Effectiveness	25	15
<u>Total Points</u>	<u>100</u>	<u>57</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-10, Dover-Foxcroft 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability		

## **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Dover-Foxcroft

Contact: Jack Clukey

Consultant/Agent Info: Gorrill Palmer

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-10, Dover-Foxcroft 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

**Evaluation Team Comments:** 

**Town Name:** Dover-Foxcroft 1 **Road name:** Bryant Road (Prop 1)

**Stream Name**: Unnamed trib to Alder Stream **Existing Culvert Size & Material**: 3'Rx40'L CMP

Crossing Age: 15

Bankfull width and method: 7.09

multiple field average completed (5 down, ponded US)

**Accepted method?** Yes

New Structure size & type: 9'Sx6'Hx40'L 4 Sided Concrete box Contacted DOT Bridge Program if 10' or greater?: n/a

Clear span est. 9'
Estimated time to failure: 1-3

Previous flooding or failure events, documentation, culvert condition, age:

low cover over culvert, undersized

Flooding: flooding twice in 10 years (est), beaver/flooding damage, overtopping.culvert clogs and floods the road at least every 5 years

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Yes, beaver debris often

**Impact** 

AADT: 70 Cut Offs: 0

Detours: 14 homes, 7.9 miles

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

homes

longer detour, low travelled road, moderate condition issues

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-10, Dover-Foxcroft 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section III: Benefits to Fish & Wildlife	50	27

#### **Evaluation Team Comments:**

### Field work:

**Bankfull width method:** multiple field average completed (5 down, ponded US) **Longitudinal profile of stream beyond culvert influence completed?** TBD,

**Natural Bottom information: Embedded** 

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

Additional Comments:

Matches skew and slope? Yes

Barrier status, source: No barrier

Maine Stream Habitat Viewer ID: 2685

Benefits to Fish & Wildlife: . Please refer to the Bear Hill Road

Culvert (South) application (also submitted for this stream crossing grant) for a description of the culvert

downstream of this Bryant Road culvert.

**Water quality improvements:** The crossing downstream is also impounding water upstream of the inlet. Lower value of habitat & not a barrier

### Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value IFW Resource/Habitat Comments: Low priority/Marginal coldwater habitat

Habitat Opened/Improved: upstream habitat- 0 miles

Fish present, source of info: landlocked ATS per USFWS species list, ATS CH, Modelled habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-10, Dover-Foxcroft 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$300000 Total Match: \$\$150,000.00

% Match proposed: 0.5

**Engineering** 

To be stamped?: Yes

Completion level: Not yet engaged

Army Corp Permit info: contact by 4/2023

Costs over previous 10 years: \$20,000.00

Construction year: 2023

Feasibility for success: uncertain source of match funding, potential to combine with other projects for savings other benefits

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-11, Dover-Foxcroft 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	х	
The proposed project includes matching funds from local or other sources.	х	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	30
Section IV: Cost Efficiency and Effectiveness	25	15
<u>Total Points</u>	<u>100</u>	<u>59</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-11, Dover-Foxcroft 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability	

## **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Dover-Foxcroft

Contact: Jack Clukey

Consultant/Agent Info: Gorrill Palmer

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-11, Dover-Foxcroft 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **EVALUATION OF SECTION II**

### **Public Infrastructure Information/Public Safety**

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

### **Evaluation Team Comments**:

Town Name: Dover-Foxcroft 2

Road name: Bear Hill Road South (Prop 2) Stream Name: Unnamed trib to Alder Stream Existing Culvert Size & Material: 3'Rx32'L CMP

Crossing Age: 15

Bankfull width and method: 8.5

multiple field average completed (3 down, ponded US)

**Accepted method?** Yes

New Structure size & type: 11'Sx8'Hx32'L 4 Sided Concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/9/22

Minor Span proposed **Estimated time to failure:** 1-3

## Previous flooding or failure events, documentation, culvert condition, age:

undersized

Flooding: flooded approximately 2 times in

the last 10 years. Beavers attempt to build dams inside this culvert on a regular

basis.

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no regular cleaning

#### **Impact**

AADT: 610 Cut Offs: 0

**Detours:** 50-60 homes, 2 businesses; 8.7 miles

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

long detour

moderate conditions issues, higher traffic

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-11, Dover-Foxcroft 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

## **Evaluation Team Comments**:

### Field work:

**Bankfull width method:** multiple field average completed (3 down, ponded US) **Longitudinal profile of stream beyond culvert influence completed?** TBD,

Natural Bottom information: Embedded
Banks within structure? Yes

Type of bottom - Pebble Count Analysis

New Structure considerations:
Additional Comments:

Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: 2688

Benefits to Fish & Wildlife: , sedimentation of stream after flooding

Water quality improvements: proposal 1 & 2 on same stream

Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: Low priority/Marginal coldwater habitat

Habitat Opened/Improved: upstream habitat- 0.7 miles

Fish present, source of info: landlocked ATS per USFWS species list, ATS CH, Modelled habitat

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-11, Dover-Foxcroft 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments:**

Requested funding: \$150000
Total Project Cost: \$330000
Total Match: \$\$180,000.00
% Match proposed: 0.54

**Engineering** 

To be stamped?: Yes

Completion level: Not yet engaged

Army Corp Permit info: contact by 4/2023

Costs over previous 10 years: \$2000 for repairs, 20k for closures

Construction year: 2023

Feasibility for success: uncertain source of match funding, potential to combine with other

projects for savings other benefits

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-12, Dover-Foxcroft 3

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.		
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	13
Section III: Benefits to Fish & Wildlife	50	30
Section IV: Cost Efficiency and Effectiveness	25	15
Total Points	<u>100</u>	<u>58</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-12, Dover-Foxcroft 3

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability		

## **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Dover-Foxcroft

Contact: Jack Clukey

Consultant/Agent Info: Gorrill Palmer

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-12, Dover-Foxcroft 3

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **EVALUATION OF SECTION II**

### **Public Infrastructure Information/Public Safety**

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

### **Evaluation Team Comments**:

Town Name: Dover-Foxcroft 3

Road name: Bear Hill Road North (Prop 3)

Stream Name: Unnamed trib to Alder Stream

Existing Culvert Size & Material: 30"Rx40'L CMP

Crossing Age: 15

Bankfull width and method: 7.5

multiple field average completed (5 down, ponded US)

**Accepted method?** Yes

New Structure size & type: 9'Sx8'Hx40'L 4 Sided Concrete box Contacted DOT Bridge Program if 10' or greater?: n/a

Clear span est. 9'

Estimated time to failure: 3-5

#### Previous flooding or failure events, documentation, culvert condition, age:

undersized

Flooding: flooded approximately 2 times in

the last 10 years. Beavers attempt to build dams inside this culvert on a regular

basis.

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no regular cleaning

#### **Impact**

AADT: 610 Cut Offs: 0

**Detours:** 50-60 homes, 2 businesses; 8.7 miles

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

long detour

moderate conditions issues, higher traffic

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-12, Dover-Foxcroft 3

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments**:

#### Field work:

**Bankfull width method:** multiple field average completed (5 down, ponded US) **Longitudinal profile of stream beyond culvert influence completed?** TBD,

Natural Bottom information: Embedded Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: 2687

Benefits to Fish & Wildlife: , There is sedimentation in the stream after a

flooding event. The high velocity of the stream could lead to erosion downstream of the culvert outlet.

Water quality improvements: last barrier

Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: Low priority/Marginal coldwater habitat

Habitat Opened/Improved: upstream habitat- 1.8 miles

**Fish present, source of info:** landlocked ATS per USFWS species list, wild brook trout, ATS CH, Modelled habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-12, Dover-Foxcroft 3

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$315000 Total Match: \$\$165,000.00

% Match proposed: 52.3%

**Engineering** 

To be stamped?: Yes

Completion level: Not yet engaged

Army Corp Permit info: contact by 4/2023

Costs over previous 10 years: \$20,000.00

Construction year: 2023

Feasibility for success: uncertain source of match funding, potential to combine with other

projects for savings other benefits

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-13, Durham

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	Х	
<ul> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	х	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	43
Section IV: Cost Efficiency and Effectiveness	25	21
<u>Total Points</u>	<u>100</u>	<u>78</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-13, Durham

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability		

## **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Durham Contact: Calvin Beaumier

Consultant/Agent Info: A.E. Hodsdon Engineers

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-13, Durham

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

Town Name: Durham Road name: Swamp Rd Stream Name: Meadow Brook

Existing Culvert Size & Material: (2) 3'Rx50'L Plastic Pipe

Crossing Age: 27

Bankfull width and method: 10.1

multiple field average completed (3 up, 3 down), HY-\* analysis chosen, higher

**Accepted method?** Yes

New Structure size & type: 17.8CS(20'TS)x31'L Bridge

Contacted DOT Bridge Program if 10' or greater?: No, intend to contact

Minor Span proposed **Estimated time to failure:** 3-5

#### Previous flooding or failure events, documentation, culvert condition, age:

unsafe during flooding, undersized, regularly riprapped Flooding: floods 2-3 times per year, damage & clogging

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: 2-3/year

#### **Impact**

AADT: 1568 Cut Offs: 0

**Detours:** 60 homes, 5 businesses; 6.7 miles

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

highly travelled, long detour

higher traffic counts, plastic pipe, condition ok, some debris flooding

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-13, Durham

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments**:

#### Field work:

**Bankfull width method:** multiple field average completed (3 up, 3 down), HY-\* analysis chosen, higher

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? No Type of bottom - Closely match

New Structure considerations:
Additional Comments:
Matches skew and slope? Yes

Barrier status, source: barrier

Maine Stream Habitat Viewer ID: 20838

Benefits to Fish & Wildlife: USFWS species list, IFW staff, twin culverts, erosion

Water quality improvements: last barrier, refuge for ATS

Support letters, other notable benefits: USFWS species list, IFW staff
DMR Resource/Habitat Comments: Atl Salmon do seekthermal refuge at mouth
confluence of Meadow Brook and the Androscoggin River but do not ascend the brook
IFW Resource/Habitat Comments: Wild BKT

Habitat Opened/Improved: upstream habitat- 2.37 miles

**Fish present, source of info:** landlocked ATS per USFWS species list, ATS CH, DPS, Wild brook trout habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-13, Durham

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	Points Awarded
Section IV: Cost Efficiency and Effectiveness	25	21

#### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$300000 Total Match: \$\$150,000.00

**% Match proposed**: 50%

**Engineering** 

To be stamped?: Yes Completion level: Plans

**Army Corp Permit info: Permit in-hand** 

Costs over previous 10 years: \$8-10k

Construction year: 2023

Feasibility for success: town budget is approved already, other funding, project had permit

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-14, Eastbrook

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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	
The proposed project includes matching funds from local or other sources.	х	
The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	х	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	39
Section IV: Cost Efficiency and Effectiveness	25	19
<u>Total Points</u>	<u>100</u>	<u>72</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-14, Eastbrook

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Eastbrook Contact: Julie Curtis, Selectperson

Consultant/Agent Info: Jeff Norment, Chris Baldwin

Notes:

didn't follow submission directions, multiple files, excel sheet not considered

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-14, Eastbrook

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Town Name: Eastbrook

**Road name:** Macomber Mill Road **Stream Name**: Macomber Mill Stream

Existing Culvert Size & Material: 12.5'Sx8'Hx52.5'L Pipe Arch

Crossing Age: 65

Bankfull width and method: 17

multiple field average completed (5 up, 5 down)

**Accepted method?** Yes

New Structure size & type: 17'Sx7.6'Hx36'L Open Bottom Concrete Box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 10/26/22

Minor Span proposed **Estimated time to failure:** 3-5

#### Previous flooding or failure events, documentation, culvert condition, age:

90% rotted through, dot report indicates needs for monitoring Flooding: culvert has been full several times, no overtopping

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no

**Impact** 

AADT: 242 Cut Offs: 0

**Detours:** 32 homes, 2 businesses 13 miles

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

long detour

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-14, Eastbrook

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments:**

#### Field work:

**Bankfull width method:** multiple field average completed (5 up, 5 down)

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: open bottom, footings below SCOUR, borings show bedrock present

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

Additional Comments:

Matches skew and slope? Yes

Barrier status, source: No barrier

Maine Stream Habitat Viewer ID: 51075

**Benefits to Fish & Wildlife:** Colby Bruchs, ME-MDR-Bur-SRFH, attended the 5/27/2022 site visit. He was supportive of the project. See Sean Ledwin's (ME-DMR, Bureau

SRFH Director) letter of support., "tremendous rivier herring restoration potential" Representatives of both the Wildlife and Fisheries divisions were present at a site visit on 5/27/2022.

**Water quality improvements:** The web brook watershed has tremendous river herring restoration potential (Colby Bruchs, ME-DMR,

7/28/2022 email and ME-DMR Letter of Support). The project is also falls within a priority E. Brook Trout Joint

Venture Watershed.

Support letters, other notable benefits: Colby Bruchs, ME-MDR-Bur-SRFH, attended the 5/27/2022 site visit. He

was supportive of the project. See Sean Ledwin's (ME-DMR, Bureau SRFH Director) letter of support.

DMR Resource/Habitat Comments: No current diadromous value IFW Resource/Habitat Comments: High value wild brook trout stream

Habitat Opened/Improved: upstream habitat- 0 miles

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-14, Eastbrook

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

Fish present, source of info: ATS landlocked, wild brook trout, alewives, alewife pond, ATS DPS,

CH, Heritage waterbody

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	19

#### **Evaluation Team Comments**:

Requested funding: \$115000 Total Project Cost: \$235000 Total Match: \$\$120,000.00

% Match proposed: 51.06%

**Engineering** 

To be stamped?: Yes Completion level: Plans

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$22,000.00

Construction year: 2023

Feasibility for success: match in-hand (putting \$ aside, in-kind match), partners involved,

thoughtful proposal

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-15, Fairfield

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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	
The proposed project includes matching funds from local or other sources.	X	
The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	Х	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	19
Section III: Benefits to Fish & Wildlife	50	41
Section IV: Cost Efficiency and Effectiveness	25	16
<u>Total Points</u>	<u>100</u>	<u>76</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-15, Fairfield

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Fairfield Contact: Michelle Flewelling

Consultant/Agent Info: Randy Butler Dirigo Engineering

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-15, Fairfield

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	19

**Evaluation Team Comments:** 

Town Name: Fairfield Road name: Green Road Stream Name: Tobey Brook

Existing Culvert Size & Material: 4.5'Rx59.4'L CMP

Crossing Age: 25

Bankfull width and method: 10.7

multiple field average completed (3 up, 3 down)

**Accepted method?** Yes

New Structure size & type: 13"Sx6'Hx40'L Bridge

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/8/22

Minor Span proposed **Estimated time to failure:** 1-3

Previous flooding or failure events, documentation, culvert condition, age:

damage from flooding in last 10 years, partial closure in 2014. deterioration of culvert

Flooding: Once in 2014 due to Beaver Dam

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Annually

**Impact** 

AADT: 805 Cut Offs: 0

**Detours:** 25 homes, 1 business; 8 miles

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

long detour

very poor condition, higher traffic annual cleaning

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-15, Fairfield

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section III: Benefits to Fish & Wildlife	50	41

#### **Evaluation Team Comments**:

Field work:

Bankfull width method: multiple field average completed (3 up, 3 down)
Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: NA

**Benefits to Fish & Wildlife:** "Brook trout were quite numerous, indicating that Tobey Brook provides suitable habitat for wild trout. Any improvements

to fish passage and habitat connectivity would benefit this resource. Tobey Brook would rank as a high value resource for

IFW." - Jason Seiders, DIFW, improvement to steep road slope

Water quality improvements: higher priority for brook trout, partial barrier due to undersizing

Support letters, other notable benefits: "Brook trout were quite numerous, indicating that Tobey Brook provides suitable habitat for wild trout. Any improvements to fish passage and habitat connectivity would benefit this resource. Tobey Brook would rank as a high value resource for

IFW." - Jason Seiders, DIFW

DMR Resource/Habitat Comments: No current diadromous value IFW Resource/Habitat Comments: Surveyed downstream on Tobey Brook (rt. 23 xing) on 07/30/97 and collected multiple age classes of wild BKT along with LMB, NSK, TSK, BND, CCB, WHS, CRA. Based on these BKT data, this is a higher priority site.

Habitat Opened/Improved: upstream habitat- >1 miles

**Fish present, source of info:** "We don't have information specific to the road crossing in question, but we have

survey information from just downstream. The species assemblage consisted of: Brook Trout, 9 -Spine Stickleback, 3-Spine Stickleback, Blacknose dace, Creek

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-15, Fairfield

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

chub, White sucker" - Jason Seiders, DIFW, ATS modelled habitat

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$245000 Total Match: \$\$95.000.00

% Match proposed: 38.77%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$\$5k repairs, \$2.5k closures

Construction year: 2023

Feasibility for success: municipal road budget for match

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-16, Freedom

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	10
Section III: Benefits to Fish & Wildlife	50	22
Section IV: Cost Efficiency and Effectiveness	25	6
<u>Total Points</u>	<u>100</u>	<u>38</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-16, Freedom

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## OVERVIEW OF SECTION I Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Freedom Contact: C. Ronald Price

Consultant/Agent Info: n/a

#### Notes:

Ddi not follow instructions for submission. Submitted multiple files, word doc, significant time organizing and converting to send to reviewers

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-16, Freedom

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### EVALUATION OF SECTION II

#### **Public Infrastructure Information/Public Safety**

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

#### **Evaluation Team Comments**:

**Town Name:** Freedom **Road name:** Mitchel Rd

Stream Name: Winslow Brook or Willow Brook

Existing Culvert Size & Material: 16'Sx9.5'Hx20'L Span/Bridge

**Crossing Age: ?** 

Bankfull width and method: 20

multiple field average completed (3 up, 3 down), inconsistent with models

Accepted method? No

New Structure size & type: 12'Sx10'Hx12'L Open Bottom Box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/8/22

Minor Span proposed **Estimated time to failure:** 3-5

#### Previous flooding or failure events, documentation, culvert condition, age:

bridge span rated fair to poor Flooding: No flooding reported

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no

#### **Impact**

AADT: 168 Cut Offs: 0

Detours: 26 homes, 2 businesses; 9 miles

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

long detour

rock serves as one abutment, lower traffic counts,

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-16, Freedom

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	Points Awarded
Section III: Benefits to Fish & Wildlife	50	22

#### **Evaluation Team Comments:**

#### Field work:

**Bankfull width method:** multiple field average completed (3 up, 3 down), inconsistent with models

Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? No Type of bottom - Closely match

**New Structure considerations:** 

Additional Comments: Matches skew and slope? Yes

Barrier status, source: No barrier

Maine Stream Habitat Viewer ID: 16527

Benefits to Fish & Wildlife: , no habitats listed

Water quality improvements: no habitats, no contact, no fish info to base evaluation, no barrier

Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: We surveyed this crossing on Winslow brook and collected warmwater fishes including WHS, BND, & LMB. We also surveyed the N. Palermo Rd crossing and collected 0 fishes. This brook flows into Sandy/Freedom Pond. Based on these data this is a lower priority site.

Habitat Opened/Improved: upstream habitat- 0 miles

Fish present, source of info: present, no info, none

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-16, Freedom

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	6

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$150000

Total Match: \$-

**% Match proposed**: 1%

**Engineering** 

To be stamped?: Yes

Completion level: Not yet engaged

**Army Corp Permit info: Contact by Jan 2023** 

Costs over previous 10 years: \$1,000.00

Construction year: 2024

Feasibility for success: no estimate of match, town meeting 2023

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-17, Georgetown

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	19
Section III: Benefits to Fish & Wildlife	50	26
Section IV: Cost Efficiency and Effectiveness	25	20
<u>Total Points</u>	<u>100</u>	<u>65</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-17, Georgetown

**DATE**: 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Georgetown Contact: Amanda Campbell

Consultant/Agent Info: Rob Prue, PE

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-17, Georgetown

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	19

#### **Evaluation Team Comments**:

Town Name: Georgetown Road name: Robinhood Road

Stream Name: unnamed trib to Sasanoa River

Existing Culvert Size & Material: 3'Rx68'L Concrete Pipe

Crossing Age: 65

Bankfull width and method: 7.7

multiple field average completed (3 up, 3 down)

**Accepted method?** Yes

New Structure size & type: 10'Sx6'Hx60'L 4 Sided Concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 10/28/22

Minor Span proposed **Estimated time to failure:** 3-5

#### Previous flooding or failure events, documentation, culvert condition, age:

Debris from the embankment failure enters the culvert causing blockages and embankment instability

Flooding: No flooding reported

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: spring & fall cleaning

#### **Impact**

AADT: 383 Cut Offs: 0 Detours: 0

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

cut-offs, dead end road

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-17, Georgetown

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section III: Benefits to Fish & Wildlife	50	26

#### **Evaluation Team Comments**:

#### Field work:

Bankfull width method: multiple field average completed (3 up, 3 down)

Longitudinal profile of stream beyond culvert influence completed? Complete,

**Natural Bottom information: Embedded** 

Banks within structure? Ye

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

Additional Comments: would benefit terrestrial passage

Matches skew and slope? Yes

Barrier status, source: potential per photos

Maine Stream Habitat Viewer ID: NA

**Benefits to Fish & Wildlife:** Wes Ashe, Fisheries Biologist with MDIFW said that the culvert is definitely

undersized for this site, so the stream and road would both benefit from a

larger structure. However, this is a relatively low priority crossing with

respects to fish passage and stream connectivity., water quality & terrestrial improvement highlighted, watershed of ATS

**Water quality improvements:** not much fisheries value but is only crossing on the stream, opening habitat/passage, opens a barrier

Support letters, other notable benefits: Wes Ashe, Fisheries Biologist with MDIFW said that the culvert is definitely

undersized for this site, so the stream and road would both benefit from a larger structure. However, this is a relatively low priority crossing with respects to fish passage and stream connectivity.

**DMR Resource/Habitat Comments:** I think the coordinates are off. Looked on MSHV - no streams on map identified as an issue.

**IFW Resource/Habitat Comments:** This site appeared completely dry on the upstream end and had only intermittent pools on the downstream end. The water temperature was 19.6°C and had a dissolved oxygen level of 2.7 ppm. The substrate was comprised of sand, detritus, gravel, and boulder. The riparian was mostly mature deciduous and coniferous trees. We electrofished several of the downstream pools and collected zero fishes. Several frogs were observed. The ~3-ft smooth cement culvert is definitely undersized for this site, so the stream and road would both benefit from a

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-17, Georgetown

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

larger structure. However, given the absence of all fishes and the lack of watered upstream habitat, fisheries biologists consider this a low priority crossing with respects to fish passage and stream

connectivity.

Habitat Opened/Improved: upstream habitat- >1 miles

Fish present, source of info: none present, ATS CH

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	20

#### **Evaluation Team Comments:**

Requested funding: \$150000 Total Project Cost: \$402000 Total Match: \$\$252,000.00

% Match proposed: 62.68%

**Engineering** 

To be stamped?: Yes Completion level: Plans

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$30,000.00

Construction year: 2023

Feasibility for success: money committed from local taxation-higher cost for structure size

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-18, Greene

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	Х	
<ul> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	х	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	х	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>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	15
<u>Total Points</u>	<u>100</u>	<u>59</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-18, Greene

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Greene Contact: Carroll Buzzell

Consultant/Agent Info: Main-Land Development Consultants

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-18, Greene

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Town Name: Greene

**Road name:** Sprague Mills Road **Stream Name**: Hooper Brook

Existing Culvert Size & Material: 15'Sx20'xH20'L Open bottom arch

Crossing Age: 64

Bankfull width and method: 23

23' modelled value, used smaller 15' structure, additional field work necessary,not based on data

Accepted method? No

New Structure size & type: 15'Sx20'xH30'L Open bottom metal arch

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 10/24/22, called 10/24/22

Minor Span proposed

Estimated time to failure: 5-10

#### Previous flooding or failure events, documentation, culvert condition, age:

Metal rusting and making culvert not safe, 2020 DOT inspection

Flooding: No flooding reported

Design meets DOT 100-year flood standard: Yes

**Regularly obstruction or maintenance required?:** Checked every month and cleaned out about once a year

#### **Impact**

AADT: 330 Cut Offs: 0

**Detours:** 12 homes, 1 business, 3.5 miles

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

low detour, no flooding, decent condition

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-18, Greene

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments**:

#### Field work:

**Bankfull width method:** 23' modelled value, used smaller 15' structure, additional field work necessary,not based on data

Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? No

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: No barrier

Maine Stream Habitat Viewer ID: 34897

**Benefits to Fish & Wildlife:** Upstream habitat does show the ability to sustain Wild Brook Trout in the waterway, ATS CH, modelled rearing habitat 16.06. units

**Water quality improvements:** no barrier, improvement to habitat, potential benefits to anadromous and BKT

Support letters, other notable benefits: Upstream habitat does show the ability to sustain Wild Brook Trout in the waterway

DMR Resource/Habitat Comments: We stock Little Sabattus with alewives and need effective upstream and downstream passage. Adults can make it to Sprague Mills Road we believe

IFW Resource/Habitat Comments: Wild BKT in headwaters

Habitat Opened/Improved: upstream habitat- 0 miles

**Fish present, source of info:** Called MDIFW and was given the following information, Brown Mullet, Fall Fish, Bass, Pickerel and white

suckers. The Upstream habitat does show the ability to sustain Wild Brook Trout in the waterway, brook trout habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-18, Greene

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$510000 Total Match: \$\$360,000.00

**% Match proposed**: 70.58%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$20,000.00

Construction year: 2024

Feasibility for success: match isn't clear, measurements and models indicate different sizing

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-19, Greene

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	35
Section IV: Cost Efficiency and Effectiveness	25	14
<u>Total Points</u>	<u>100</u>	<u>63</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-19, Greene

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Greene Contact: Carroll Buzzell

Consultant/Agent Info: Main-Land Development Consultants

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-19, Greene

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

Town Name: Greene Road name: Main Street Stream Name: Hooper Brook

Existing Culvert Size & Material: 9'Sx6.5'Hx28'L stone/Concrete box

Crossing Age: 80

Bankfull width and method: 21.5

7 field measurements but chose lesser modelled value; not based on data

Accepted method? No

New Structure size & type: 18'Sx8'Hx35'L 4 Sided Concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 10/24/22, called 10/24/22

Minor Span proposed **Estimated time to failure:** 1-3

#### Previous flooding or failure events, documentation, culvert condition, age:

deterioration, damage from floodingwashout

Flooding: no flooding

**Design meets DOT 100-year flood standard:** Yes

### Regularly obstruction or maintenance required?: Checked every month and cleaned every 6

months or sooner in beaver season

#### **Impact**

AADT: 300 Cut Offs: 0

**Detours:** 27 homes, 2 businesses

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

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-19, Greene

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments**:

#### Field work:

**Bankfull width method:** 7 field measurements but chose lesser modelled value; not based on data

Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Embedded

Banks within structure?

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: No barrier per application

Maine Stream Habitat Viewer ID: NA, D1080 downstream 6 miles

**Benefits to Fish & Wildlife:** Upstream habitat does show the ability to sustain Wild Brook Trout in the waterway, ATS CH, modelled rearing habitat 16.6. units

**Water quality improvements:** no barrier, improvement to habitat, potential benefits to anadromous and BKT

Support letters, other notable benefits: Upstream habitat does show the ability to sustain Wild Brook Trout in the waterway

DMR Resource/Habitat Comments: We stock Little Sabattus with alewives and need effective upstream and downstream passage. Adults can make it to Sprague Mills Road we believe

IFW Resource/Habitat Comments: Wild BKT in headwaters

Habitat Opened/Improved: upstream habitat- 0 miles

**Fish present, source of info:** Called MDIFW and was given the following information, Brown Mullet, Fall Fish, Bass, Pickerel and white

suckers. The Upstream habitat does show the ability to sustain Wild Brook Trout in the waterway, brook trout habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-19, Greene

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$510000 Total Match: \$\$360,000.00

**% Match proposed**: 70.58%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$5,000.00

Construction year: 2024

Feasibility for success: match isn't clear, measurements and models indicate different sizing

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-20, Hartland

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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	
The proposed project includes matching funds from local or other sources.	х	
The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	х	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	15
Section III: Benefits to Fish & Wildlife	50	39
Section IV: Cost Efficiency and Effectiveness	25	16
<u>Total Points</u>	<u>100</u>	<u>70</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-20, Hartland

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Hartland Contact: Christopher Littlefield

Consultant/Agent Info: Randy Butler Dirigo Engineering

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-20, Hartland

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

### **Evaluation Team Comments**:

Town Name: Hartland

Road name: Morril Pond Road Stream Name: Jordan Brook

Existing Culvert Size & Material: (20) 6'Rx33'L CMP

Crossing Age: 50+

Bankfull width and method: 14.8

multiple field average completed (4 DS, below beaver dam, impounded US)

**Accepted method?** Yes

New Structure size & type: 18'CS(20'TS)x5'Hx36'L Bridge

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/8/22

Minor Span proposed **Estimated time to failure:** 3-5

#### Previous flooding or failure events, documentation, culvert condition, age:

joint in one culvert has separated, sink hole in road, poor condition

Flooding: deck was underwater in 1987 storm, HY=-8 indicates abrely passing 5 year storm

**Design meets DOT 100-year flood standard:** Yes

Regularly obstruction or maintenance required?: no

**Impact** 

AADT: 182 Cut Offs: 0

Detours: 75 homes, 2 businesses, 8 miles

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

long detour

long detour, poor condition,

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-20, Hartland

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments:**

#### Field work:

**Bankfull width method:** multiple field average completed (4 DS, below beaver dam, impounded US)

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes Type of bottom - Closely match

**New Structure considerations:** 

Additional Comments: weir upstream holding lake elescourion

Matches skew and slope? Yes

Barrier status, source: barrier

Maine Stream Habitat Viewer ID: 16702

**Benefits to Fish & Wildlife:** "We have survey information from another location on Morrill Pond Outlet, not

the Morrill Pond Road crossing. The species assemblage included: White sucker, Creek chub, American eel, Common shiner, Blacknose dace" – Jason Seiders, The inlet weirs are a barrier to fish passage. By creating a more gradual streambed slope to match the inlet elescourion, fish passage will be improved. Separated joints in culvert allow soil migration.

**Water quality improvements:** The existing culvert inlets have 8"-9" high weirs to maintain water level of Morrill Pond. New

crossing inlet invert will match elescourion of this weir. New outlet will be lower than existing invert which will

cause the crossing to be steeper than existing

Support letters, other notable benefits: "We have survey information from another location on Morrill Pond Outlet, not

the Morrill Pond Road crossing. The species assemblage included: White sucker, Creek chub, American eel, Common shiner, Blacknose dace" – Jason Seiders

DMR Resource/Habitat Comments: No current diadromous value

**IFW Resource/Habitat Comments:** Surveyed this stream but farther downstream on 08/27/03 and collected WHS, CCB, EEL, CMS, and BND. Temp was cool (17.3C), so maybe the potential for BKT on a seasonal basis? This is a moderate priority site.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-20, Hartland

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

Habitat Opened/Improved: upstream habitat- 3.15 miles

Fish present, source of info: The species assemblage included: White sucker,

Creek chub, American eel, Common shiner, Blacknose dace, ATS CH, modelled class 1 6.7 units,

brook trout habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-20, Hartland

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$320000 Total Match: \$\$170,000.00

**% Match proposed**: 53.125%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$500.00

Construction year: 2023

Feasibility for success: lower clearance on crossing, match is planned, dealing with

elescourion is going to be tricky but identified as issue

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-21, Knox

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	х	
The proposed project includes matching funds from local or other sources.	х	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	19
Section III: Benefits to Fish & Wildlife	50	43
Section IV: Cost Efficiency and Effectiveness	25	17
<u>Total Points</u>	<u>100</u>	<u>79</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-21, Knox

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Knox

Contact: William Hubbard, 3rd Selectman

Consultant/Agent Info: Randy Butler Dirigo Engineering

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RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-21, Knox

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### EVALUATION OF SECTION II

### **Public Infrastructure Information/Public Safety**

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	19

**Evaluation Team Comments**:

Town Name: Knox

**Road name:** Shibles Road **Stream Name**: Elliot Stream

Existing Culvert Size & Material: 11.8'Sx4.5'Hx41'L CMP

Crossing Age: 68

Bankfull width and method: 19.4

multiple field average completed (3 up, 3 down)

**Accepted method?** Yes

New Structure size & type: 24'CSx5'Hx28'L Bridge

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/10/22

Bridge proposed, DOT concern over sizing

Estimated time to failure: 1-3

Previous flooding or failure events, documentation, culvert condition, age:

bank erosion, riprap added

Flooding: previous washouts, unsafe for traffic

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: regular cleaning

**Impact** 

AADT: 203 Cut Offs: 0

**Detours:** 30 homes, 3 businesses 2.5 miles

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

trucking companies, large loads

culvert condition very poor, unzipping,

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-21, Knox

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments**:

#### Field work:

Bankfull width method: multiple field average completed (3 up, 3 down) Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: barrier

Maine Stream Habitat Viewer ID: 16502

Benefits to Fish & Wildlife: high priority for IFW, potential for salmon but unlikely, scour pool

Water quality improvements: brook trout noted, higher priority

Support letters, other notable benefits: high priority for IFW, potential for salmon but unlikely DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: Surveyed this crossing on 08/12/98 and collected multiple year-classes of wild BKT (and one sculpin). Elliot Stream is a direct trib to Halfmoon Stream, so this is a higher priority water.

Habitat Opened/Improved: upstream habitat- 1.52 miles

Fish present, source of info: wild brook trout, brook trout habitat

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-21, Knox

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$395000 Total Match: \$\$245,000.00

**% Match proposed**: 62.02%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$7,822.00

Construction year: 2023

Feasibility for success: \$50000 grant request from IFW mentioned as part of match, \$5k in

kind match from IFW additional funds upon approval

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-22, Levant

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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	
The proposed project includes matching funds from local or other sources.	x	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	12
Section III: Benefits to Fish & Wildlife	50	31
Section IV: Cost Efficiency and Effectiveness	25	18
<u>Total Points</u>	<u>100</u>	<u>61</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-22, Levant

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Levant Contact: Scott Pullen

Consultant/Agent Info: Plymouth Engineering

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-22, Levant

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

#### **Evaluation Team Comments**:

Town Name: Levant

**Road name:** Horseback Rd **Stream Name**: Black Stream

Existing Culvert Size & Material: 16.5'Sx9'Hx66'L Pipe Arch

Crossing Age: 60

Bankfull width and method: 21.9

Multiple field averages of 45.5 ft, chose modelled value of 21.9, need reasoning

Accepted method? No

New Structure size & type: 26.9'Sx9.5'Hx50'L 4 Sided Concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed on 10/28/22

Bridge proposed, measurements suspect, DOT concern over sizing

Estimated time to failure: 5-10

#### Previous flooding or failure events, documentation, culvert condition, age:

3in holes for 3 ft at outlet end, rust, detrioration, inlet end heaved 4in

Flooding: no flooding

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Annually

#### **Impact**

AADT: 700 Cut Offs: 0

**Detours:** 37 homes, 10 miles

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

long detour

rusting, long detour, decent life left

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-22, Levant

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments:**

#### Field work:

**Bankfull width method:** Multiple field averages of 45.5 ft, chose modelled value of 21.9, need reasoning

Longitudinal profile of stream beyond culvert influence completed? Partial,

Natural Bottom information: embedded 1 foot

Banks within structure? No Type of bottom - Closely match

New Structure considerations:
Additional Comments:
Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: 1582

Benefits to Fish & Wildlife: support letters from IFW, DMR, impounding water

Water quality improvements: doesn't look like much of a barrier, good upstream habitat opened

Support letters, other notable benefits: support letters from IFW, DMR

DMR Resource/Habitat Comments: may be some Atl Salmon interest 14.15 habitat units above culvert

IFW Resource/Habitat Comments: Surveyed multiple crossings of Black Stream without efishing (too deep). However, there are data from multiple tributaries close to this crossing where robust wild BKT populations are present. Based on this, this is at least a moderately high priority site.

Habitat Opened/Improved: upstream habitat- 13.67 miles

**Fish present, source of info:** brook trout, ATS potential due to proximity, alewives innearby stream, brook trout habitat, ATS modelled habitat 16 units

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-22, Levant

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 **Total Project Cost: \$322000** Total Match: \$\$172,000.00

**% Match proposed**: 53.4%

**Engineering** 

To be stamped?: Yes **Completion level: Plans** 

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$15,300.00

Construction year: 2023

Feasibility for success: measurements likely not done correctly, additional field work needed.

Some match committed, not all

**RFP #**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-23, Lincolnville

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	Points Available	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	18
Section III: Benefits to Fish & Wildlife	50	39
Section IV: Cost Efficiency and Effectiveness	25	22
<u>Total Points</u>	<u>100</u>	<u>79</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-23, Lincolnville

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Lincolnville

Contact: David B. Kinney, Town Administrator

Consultant/Agent Info: William Lane, Gartley & Dorskey

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-23, Lincolnville

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### EVALUATION OF SECTION II

### **Public Infrastructure Information/Public Safety**

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

#### **Evaluation Team Comments**:

Town Name: Lincolnville

**Road name:** Townhouse Road **Stream Name**: unnamed stream

Existing Culvert Size & Material: (1) 3.5'Rx34'L, (1) 3'R40'L CMP, Plastic

Crossing Age: 35, unknown

Bankfull width and method: 9.65

multiple field average completed (2 down, 4 US)

**Accepted method?** Yes

New Structure size & type: 12'Sx6'Hx40'L Open Bottom Concrete Box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/10/22

Minor Span proposed Estimated time to failure: <1

#### Previous flooding or failure events, documentation, culvert condition, age:

corrugated metal pipe also has a hole in the top

that allowed the gravel from the road to enter into the

culvert and the stream. crossing has essentially failed

Flooding: flooding noted, damage, photos, unsafe The two most recent washouts occurred on

April 8,

2022 and October 31, 2021, see pictures

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no

#### **Impact**

AADT: 0 Cut Offs: 0

**Detours:** 10 homes, 2 businesses 2.6 miles

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

very poor condition, previous washouts, low traffic est

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-23, Lincolnville

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments:**

#### Field work:

Bankfull width method: multiple field average completed (2 down, 4 US)

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: 14276

Benefits to Fish & Wildlife: no contact with agencies, corrugated metal pipe also has a hole in the top

that allowed the gravel from the road to enter into the culvert and the stream.

**Water quality improvements:** Culvert 1 not perched Culvert 2 is perched approximately 6 inches. Barriers downstream, open moderate amount of habitat

Support letters, other notable benefits: no contact with agencies

DMR Resource/Habitat Comments: No Diadromous value

IFW Resource/Habitat Comments: Surveyed the same unnamed stream but farther downstream and collected wild BNT. This is a trib to Meservey Brook, which hosts a relatively robust wild BKT (& a few BNT) populations. This trib was 15.7C in early September 2006. This is a higher priority stream crossing for Region B.

Habitat Opened/Improved: upstream habitat- 2.77 miles

Fish present, source of info: wild brook trout, per observtaion, brook trout habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-23, Lincolnville

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	22

#### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$450000 Total Match: \$\$300,000.00

**% Match proposed**: 66.6%

**Engineering** 

To be stamped?: Yes Completion level: Plans

**Army Corp Permit info: Permit in-hand** 

Costs over previous 10 years: \$10,000.00

Construction year: 2023

Feasibility for success: costs likely high for project, funds committed

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-24, Manchester

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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.	х	
The proposed project includes matching funds from local or other sources.	х	
The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	х	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	11
Section III: Benefits to Fish & Wildlife	50	37
Section IV: Cost Efficiency and Effectiveness	25	15
<u>Total Points</u>	<u>100</u>	<u>63</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-24, Manchester

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Manchester Contact: Debora Southiere

Consultant/Agent Info: Kat Beaudoin

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-24, Manchester

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	11

**Evaluation Team Comments**:

Town Name: Manchester Road name: Prescott Rd Stream Name: Tanning Brook

Existing Culvert Size & Material: (2) 3/5'Rx87'L CMP

Crossing Age: 50-60

Bankfull width and method: 13

multiple field average, but different value chosen, requires additional reasoning for size

**Accepted method?** Yes

New Structure size & type: 12'Sx4'Hx88'L Open bottom concrete arch

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 9/18/22

Minor Span proposed

Estimated time to failure: 5-10

Previous flooding or failure events, documentation, culvert condition, age:

perched culverts, deterioration of metal, no guard rails

Flooding: no flooding

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no

**Impact** 

AADT: 1100 Cut Offs: 0

Detours: 1-2 homes, 5.5 miles

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

steep banks without guard rails

lots of vehicle traffic, poor condition unzipping

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-24, Manchester

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments**:

#### Field work:

**Bankfull width method:** multiple field average, but different value chosen, requires additional reasoning for size

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: barriers

Maine Stream Habitat Viewer ID: 27061

**Benefits to Fish & Wildlife:** letter from IFW, support from TU, watershed management plan for Bond Brook KCSWCD

Water quality improvements: large scour pool, agricultural run-off and sedimentation and appeared to have degraded water quality (i.e. algal & sediment accumulation)

Support letters, other notable benefits: letter from IFW, support from TU DMR Resource/Habitat Comments: No current diadromous value

**IFW Resource/Habitat Comments:** Tanning Brook (Prescott Rd., Manchester - part of Bond Brook drainage): (44.3444677, -69.848512) this site has a cow pasture on both the upstream and downstream sides. With only grasses and a few alders in the riparian zone, the brook is more subject to agricultural run-off and sedimentation and appeared to have degraded water quality (i.e. algal & sediment accumulation). The twin 3' corrugated pipes are rusted out on the upstream end and considerably perched on the downstream end. Consequently, fish passage is restricted at all flows, and there are ponded areas on both ends of the culvert. Water temperature was 11.0°C and dissolved oxygen was 12.4 ppm. The substrate was dominated by organic matter and sand with some pebbles, cobble, and boulders. Electrofishing collected a number of fish species including wild brook trout (1 on the upstream side & 1 on the downstream side), creek chub, blacknose dace, five-spined stickleback, fathead minnows, American eel, and pumpkinseed sunfish. MEDIFW fisheries biologists rank this site as higher priority for habitat restoration and fish passage.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-24, Manchester

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023 **Habitat Opened/Improved: upstream habitat-** 0.14 miles

Fish present, source of info: wild brook trout, other spp, ATS CH, brook trout habitat

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$300000 Total Match: \$\$150,000.00

**% Match proposed**: 50%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$-

Construction year: 2024

Feasibility for success: funds available, letter of support from property owner

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-25, Mercer

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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	
The proposed project includes matching funds from local or other sources.	X	
The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	Х	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
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>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-25, Mercer

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Mercer Contact: Gary Mosher

Consultant/Agent Info: Randy Butler Dirigo Engineering

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-25, Mercer

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### EVALUATION OF SECTION II

### **Public Infrastructure Information/Public Safety**

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	20

#### **Evaluation Team Comments**:

Town Name: Mercer Road name: Pond Road Stream Name: Pattee Brook

Existing Culvert Size & Material: (3) 5'Rx30'L Plastic Pipe

**Crossing Age**: 20,20,10

Bankfull width and method: 22.3

multiple field average completed (2 down, 3 US)

**Accepted method?** Yes

New Structure size & type: 30'Sx5'Hx28'L Bridge

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/8/22

Bridge proposed

Estimated time to failure: 1-3

#### Previous flooding or failure events, documentation, culvert condition, age:

The 2019 flooding eroded the road, partial road closure until we could hire someone to bring some

material to repair it.

Flooding: Most recent was 2019 but probably 3 times total, HY-8 analysis using StreamStats

flows: crossing will

not pass 25-yr storm

#### Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Every spring and fall, beavers damming culverts

#### **Impact**

AADT: 120 Cut Offs: 0 Detours: 0

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

cutoff

30 homes cut-off and regular cleaning required

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-25, Mercer

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments:**

#### Field work:

Bankfull width method: multiple field average completed (2 down, 3 US) Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

Additional Comments:

Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: 25174

Benefits to Fish & Wildlife: 7 lakes support, There is an existing North Pond Watershed

Protection Plan approved by Maine DEP. In addition, a Watershed-Based Management Plan, funded in part by a Maine DEP 604b grant, is under development.

Water quality improvements: Improved alignment, elescouring of road at the

crossing, and stabilization of road shoulder will

minimize erosion

Support letters, other notable benefits: 7 lakes support

DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: not much information available, but based on

location, likely low priority for inland native resident fishes.

Habitat Opened/Improved: upstream habitat- 0.16 miles

Fish present, source of info: Wild brook trout are known to be present in the stream (C. Baeder, 7 Lakes Alliance)., brook trout habitat

Rev 2/25/21 4

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-25, Mercer

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments:**

Requested funding: \$150000 Total Project Cost: \$420000 Total Match: \$\$270,000.00

% Match proposed: 64.28%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$approx \$13000

Construction year: 2023

Feasibility for success: uncertain budget, good partners involved

**RFP #**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-26, Mexico

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	Points Available	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	22
Section III: Benefits to Fish & Wildlife	50	29
Section IV: Cost Efficiency and Effectiveness	25	18
<u>Total Points</u>	<u>100</u>	<u>69</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-26, Mexico

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Mexico Contact: Raquel Wech-Day

Consultant/Agent Info: Rob Prue, PE

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-26, Mexico

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	22

#### **Evaluation Team Comments**:

Town Name: Mexico

**Road name:** Thompson Hill Road **Stream Name**: Unnamed Stream

Existing Culvert Size & Material: 7.5'Sx5.5'Hx16'L Open bottom wooden box

Crossing Age: 50+

Bankfull width and method: 9.5

multiple field average completed (3 up, 3 down)

**Accepted method?** Yes

New Structure size & type: 12'Sx6'Hx40'L 4 Sided Concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 10/28/22

Minor Span proposed Estimated time to failure: <1

#### Previous flooding or failure events, documentation, culvert condition, age:

The Town installed temporary structure posts and beams in 2022

to support the structure. structurally deficient

Flooding: previous washouts, unsafe

Design meets DOT 100-year flood standard: Yes

#### Regularly obstruction or maintenance required?: regular basis and is

cleaned each spring

#### **Impact**

AADT: 39 Cut Offs: 0 Detours: 0

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

water transmission main that brings water to the

community is located within the streambed

cutoff

water supply co-located, cut offs

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-26, Mexico

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION III Benefits to Fish & Wildlife

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section III: Benefits to Fish & Wildlife	50	29

#### **Evaluation Team Comments:**

#### Field work:

Bankfull width method: multiple field average completed (3 up, 3 down)

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Embedded Banks within structure? No

Type of bottom - Pebble Count Analysis

New Structure considerations:
Additional Comments:
Matches skew and slope? Yes

Barrier status, source: potential

Maine Stream Habitat Viewer ID: 22800

Benefits to Fish & Wildlife: Dylan Whitaker, Fisheries Resource Biologist with MDIFW electrofished

section of the stream and found one fish species. He said this stream may provide some seasonal habitat and thermal refuge for resident trout in the greater watershed when water level/flows are more favorable for fish movement., Streambed and streambank erosion and downstream sedimentation will be reduced when a properly sized structure is installed.

**Water quality improvements:** no upstream or downstream barriers, recent sampling, fish found, good quality habitat

Support letters, other notable benefits: Dylan Whitaker, Fisheries Resource Biologist with MDIFW electrofished a

section of the stream and found one fish species. He said this stream may provide some seasonal habitat and thermal refuge for resident trout in the greater watershed when water level/flows are more favorable for fish movement.

DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: Electrofished on 9/15/2022, SCL only fish present, water quality was excellent for cold water fisheries, however little flowing water and lack of pools

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-26, Mexico

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

Habitat Opened/Improved: upstream habitat- 0.25 miles

Fish present, source of info: none listed, presense confirmed by IFW, ATS CH

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

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

#### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$371000 Total Match: \$\$221,000.00

**% Match proposed**: 59.5%

**Engineering** 

To be stamped?: Yes Completion level: Plans

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$7,500.00

Construction year: 2023

Feasibility for success: match committed from local taxation

**RFP #**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-27, Monmouth

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>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	19
<u>Total Points</u>	<u>100</u>	<u>72</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-27, Monmouth

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Monmouth

Contact: Justin Poirier, Town Manager

Consultant/Agent Info: Rob Prue, PE

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER: 2022R-27, Monmouth** 

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **EVALUATION OF SECTION II**

#### **Public Infrastructure Information/Public Safety**

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	21

### **Evaluation Team Comments**:

Town Name: Monmouth

Road name: Wilson Pond Road

Stream Name: Bog Brook

Existing Culvert Size & Material: 5'Rx41'L Plastic Pipe

Crossing Age: 22

Bankfull width and method: 17.2

multiple field average completed (3 up, 3 down)

**Accepted method?** Yes

New Structure size & type: 21'Sx6'Hx40'L 4 Sided Concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 10/28/22

Bridge proposed, DOT concern over sizing

Estimated time to failure: <1

#### Previous flooding or failure events, documentation, culvert condition, age:

May-July 2022 the road was partially closed (down to one lane). This has occurred two other times in the past years.

Flooding: The crossing floods frequently and the Town is

required to work at this site on a regular basis. flooded 3 x in last 10 years

**Design meets DOT 100-year flood standard:** Yes

Regularly obstruction or maintenance required?: needs cleaning 4-6 times/year

#### **Impact**

AADT: 246 Cut Offs: 0 Detours: 0

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

A large campground and resort, as well as four homes

cutoff

culvert with cracks, bridge deck, cut offs large campground, traffic regular cleaning.

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RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-27, Monmouth

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments:**

#### Field work:

Bankfull width method: multiple field average completed (3 up, 3 down)

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Embedded Banks within structure? Yes

Type of bottom - Pebble Count Analysis

New Structure considerations:

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: potential barrier per photos

Maine Stream Habitat Viewer ID: 37282

**Benefits to Fish & Wildlife:** Wes Ashe, Fisheries Biologist for MDIFW surveyed the site on 8/30/2022.

Electrofishing collected two fish species (brown bullhead and pumpkinseed sunfish), and they believe this brook and road would definitely benefit from a larger culvert., A new crossing will eliminate the washout of the gravel roadway and sideslopes. No DS or upstream crossings

**Water quality improvements:** decent mileage opened, downstream dam, recent electrofishing showed lack of variety of spp, no high quality habitat

Support letters, other notable benefits: Wes Ashe, Fisheries Biologist for MDIFW surveyed the site on 8/30/2022.

Electrofishing collected two fish species (brown bullhead and pumpkinseed sunfish), and they believe this brook and road would definitely benefit from a larger culvert.

**DMR Resource/Habitat Comments: No current diadromous value** 

**IFW Resource/Habitat Comments:** This site has a beaver dam just upstream with a considerable wetland/ponded area. Bog Brook flows into Androscoggin Lake. On 08/30/22, the water temperature was 23.8°C and had a dissolved oxygen level of 2.6 ppm. Despite the drought conditions, water level appeared high and was too deep to electrofish except for the area just downstream of the beaver dam (~30 m). Electrofishing collected just two fish species including brown bullhead and pumpkinseed sunfish. The substrate was comprised of detritus, boulder, sand, cobble, and pebble. The riparian consisted of grasses and shrubs with some mature coniferous/deciduous trees. This

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-27, Monmouth

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

brook and the road would definitely benefit from a larger culvert or bridge, but given the warmwater fish assemblage, elescoured mid-summer temperature, low dissolved oxygen, and the presence of multiple invasive fishes (i.e. black crappie & northern pike) in this section of the Androscoggin watershed, fisheries biologists consider this a relatively low priority crossing with respects to fish passage and stream connectivity.

Habitat Opened/Improved: upstream habitat- 5.43 miles

Fish present, source of info: brown bullhead, pumpkinseed, ATS CH

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	19

#### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$370000 Total Match: \$\$220,000.00

**% Match proposed**: 59.4%

**Engineering** 

To be stamped?: Yes Completion level: Plans

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$10,000.00

Construction year: 2023

Feasibility for success: did measurements get taken inside influence? 2 larger values

included? Funds committed from taxation

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-28, Nobleboro

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

#### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	Х	
<ul> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	х	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	11
Section III: Benefits to Fish & Wildlife	50	39
Section IV: Cost Efficiency and Effectiveness	25	17
<u>Total Points</u>	<u>100</u>	<u>67</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-28, Nobleboro

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

#### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

#### **Contact information:**

Applicant: Town of Nobleboro Contact: Richard Spear

Consultant/Agent Info: Greg MacAlister; Calderwood Engineering

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-28, Nobleboro

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	11

#### **Evaluation Team Comments**:

Town Name: Nobleboro Road name: Bayview Road Stream Name: Unnamed Stream

Existing Culvert Size & Material: 4'Rx62'L Plastic Pipe

Crossing Age: 5

Bankfull width and method: 9.2

multiple field average completed (5 up, 4 down)

**Accepted method?** Yes

New Structure size & type: 12'Sx4.25'Hx60'L Open Bottom metal arch

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/2/22

Minor Span proposed **Estimated time to failure:** 3-5

#### Previous flooding or failure events, documentation, culvert condition, age:

significant cracks, deflection Flooding: no flooding, undersized

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no

**Impact** 

AADT: 1000 Cut Offs: 0

Detours: 135 homes, 3 businesses 4.5 miles

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

crossing has been posted at 10 tons

culvert collapsing inside, likely compaction issues, restriction, high traffic count. Bad condition

but related to poor installation

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-28, Nobleboro

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments**:

#### Field work:

Bankfull width method: multiple field average completed (5 up, 4 down)

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

Additional Comments:

Matches skew and slope? Yes, skew not matched due to limitations

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 14133

**Benefits to Fish & Wildlife:** MDIFW indicates that the project would not affect any State-Listed Endangered, Threatened, or Special Concern species. The Nature Conservancy's Coastal Resilience Map indicates that the crossing is a medium priority for Coastal

Anadromous and ESA Salmon, and a high priority for Shad / Blueback Herring., MDIFW surveyed the stream on November 7, 2022 and collected fish samples of American Eel, Ninespine stickleback, and Mummichog. They mention the possibility for sea run brook trout to be present but did

not sample any.

**Water quality improvements:** smelt spawning downstream, sea-run brook trout possible, watershed management plan

Support letters, other notable benefits: MDIFW indicates that the project would not affect any State-Listed

**Endangered, Threatened, or Special Concern species.** The Nature Conservancy's Coastal Resilience Map indicates that the crossing is a medium priority for Coastal Anadromous and ESA Salmon, and a high priority for Shad / Blueback Herring.

**DMR Resource/Habitat Comments**: There are smelts that spawn in the stream but do not make it up to the culvert

**IFW Resource/Habitat Comments:** This site has an undersized culvert and a railroad track alongside the crossing, and both seem to have contributed to sedimentation and habitat degradation. The downstream side has a large plunge pool, with only a short length of brook (~50 m) before its confluence with Salt Bay on the Damariscotta River. On 11/7/22, the water temperature was 14.2°C

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-28, Nobleboro

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

and had a dissolved oxygen level of 8.4 ppm. The substrate was comprised of cobble, boulder, pebble, fines, and sand cobble, boulder, fines, gravel, sand, and organic matter. The riparian consisted of brush, grasses, alders and some mature deciduous trees. Electrofishing collected three fish species including American eel, ninespine stickleback, and mummichog. With unfettered access to salt water, there is the potential for sea run brook trout at this site, but none were collected during this survey. MDIFW fisheries biologists rank this site as moderate priority for fish passage & habitat restoration

Habitat Opened/Improved: upstream habitat- 0.55 miles

Fish present, source of info: eel, others sampled, none listed

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

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

#### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$503000 Total Match: \$\$353,000.00

**% Match proposed**: 70.1%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$-

Construction year: 2023

Feasibility for success: crossing height is lower, match is uncertain and high amount to construct in 2023, costs seem high for project, aluminum crossing is problematic. Compared to structure costs, very high excascourion costs

**RFP #**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-29, Peru

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

#### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	17
Section III: Benefits to Fish & Wildlife	50	45
Section IV: Cost Efficiency and Effectiveness	25	13
Total Points	<u>100</u>	<u>75</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-29, Peru

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability	

#### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

#### **Contact information:**

Applicant: Town of Peru Contact: Road Commissioner

Consultant/Agent Info: Greg MacAlister; Calderwood Engineering

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-29, Peru

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

#### **Evaluation Team Comments**:

Town Name: Peru

Road name: Dickvale Road

Stream Name: Unnamed trib to Spears Stream

Existing Culvert Size & Material: 6'Sx4'Hx23'L Concrete Pipe

Crossing Age: 72

Bankfull width and method: 7.75

multiple field average completed (5 up, 5 down)

**Accepted method?** Yes

New Structure size & type: 12'Sx4'10"Hx28'L Open Bottom Concrete Box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/9/22

Minor Span proposed **Estimated time to failure:** 3-5

#### Previous flooding or failure events, documentation, culvert condition, age:

shoulder loss, deterioration, undermined

Flooding: overtopped few times in last 10 years

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no

#### **Impact**

AADT: 679 Cut Offs: 0

Detours: 80+ homes, 6.5 miles

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

no guard rails unsafe, concrete failing

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-29, Peru

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments:**

Field work:

Bankfull width method: multiple field average completed (5 up, 5 down)

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: Potential Barrier

Maine Stream Habitat Viewer ID: 23167

Benefits to Fish & Wildlife: Note this ID# is not currently

available to view. All the information we have from last year's application

and from emails with Alex Abbot., impounding water

Water quality improvements: good brook trout habitat, moderate

Support letters, other notable benefits: Note this ID# is not currently available to view. All the information

we have from last year's application and from emails with Alex Abbot.

**DMR Resource/Habitat Comments: No current diadromous value** 

IFW Resource/Habitat Comments: Wild BKT

Habitat Opened/Improved: upstream habitat- 1.34 miles

Fish present, source of info: brook trout, brook trout habitat, modelled ATS 15.5 class 1

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-29, Peru

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$188000 Total Match: \$\$38,000.00

% Match proposed: 20.2

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$-

Construction year: 2023

Feasibility for success:

**RFP #**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-30, Richmond 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

#### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	х	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	18
Section III: Benefits to Fish & Wildlife	50	32
Section IV: Cost Efficiency and Effectiveness	25	18
<u>Total Points</u>	<u>100</u>	<u>68</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-30, Richmond 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability		

#### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

#### **Contact information:**

Applicant: Town of Richmond

Contact: Laurisa Loon, Town Manager

Consultant/Agent Info: Rob Prue, PE

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-30, Richmond 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

#### **Evaluation Team Comments**:

**Town Name:** Richmond 1 **Road name:** Brown Road

**Stream Name**: Unnamed trib to Abagadasset River **Existing Culvert Size & Material**: 6'Rx51'L CMP

Crossing Age: 50+

Bankfull width and method: 14.8

multiple field average completed (3 up, 3 down), same reference reach?

Accepted method? Yes

New Structure size & type: 18'Sx8'Hx45'L 4 Sided Concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 10/28/22

Minor Span proposed **Estimated time to failure:** 1-3

#### Previous flooding or failure events, documentation, culvert condition, age:

The bottom and lower portion of the culvert has rusted through and is eroding. There is a partial collapse and a rock that is protruding through the top of the culvert. The culvert sections are separating at the outlet Flooding: The crossing has experienced 3 washouts within the last 10-15 years

**Design meets DOT 100-year flood standard:** Yes

Regularly obstruction or maintenance required?: twice per year

**Impact** 

AADT: 257 Cut Offs: 0

**Detours:** 64 homes, 3 businesses detoured 4.7 miles

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

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-30, Richmond 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments:**

#### Field work:

**Bankfull width method:** multiple field average completed (3 up, 3 down), same reference reach?

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Embedded Banks within structure? No

Type of bottom - Pebble Count Analysis

New Structure considerations:
Additional Comments:
Matches skew and slope? Yes

Barrier status, source: Barrier, perched per photos

Maine Stream Habitat Viewer ID: NA

Benefits to Fish & Wildlife: , perched crossing

Water quality improvements:

Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value - not sure the coordiantes are correct

**IFW Resource/Habitat Comments:** This site has a considerable wetland/ponded area upstream as a result of remnant beaver dams and an undersized culvert. The downstream side has a "huge" plunge pool. The water temperature was 20.4°C and had a dissolved oxygen level of 3.0 ppm. Electrofishing collected a number of fish species including white suckers, pumpkinseed sunfish, creek chub, ninespine stickleback, and blacknose dace. The substrate upstream was comprised solely of organic matter, while cobble, sand, and clay were most prevalent downstream. The riparian consisted of grasses on the upstream end, and mature coniferous and deciduous on the downstream side. MEDIFW fisheries biologists rank this site as low priority for fish passage.

Habitat Opened/Improved: upstream habitat- 0.6 (est) miles

**Fish present, source of info:** MDIFW surveyed the site and collected a number of fish species, warmwater spp, ATS CH

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-30, Richmond 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

Requested funding: \$150000 **Total Project Cost: \$397000** Total Match: \$\$247,000.00

% Match proposed: 62.2

**Engineering** 

To be stamped?: Yes **Completion level: Plans** 

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$-

Construction year: 2023

Feasibility for success: funding committed form local taxation, plans completed, beneifts in

savings from multiple projects on stream

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-31, Richmond 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

#### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	17
Section III: Benefits to Fish & Wildlife	50	35
Section IV: Cost Efficiency and Effectiveness	25	20
<u>Total Points</u>	<u>100</u>	<u>72</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-31, Richmond 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability		

#### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

#### **Contact information:**

Applicant: Town of Richmond

Contact: Laurisa Loon, Town Manager

Consultant/Agent Info: Rob Prue, PE

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-31, Richmond 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

#### **Evaluation Team Comments**:

**Town Name:** Richmond 2 **Road name:** Lincoln Street

**Stream Name**: Unnamed trib to Mill Brook

Existing Culvert Size & Material: (1)3'Rx50'L, (2) 4'Rx50'L CMP, Plastic

**Crossing Age**: 20,50, 50

Bankfull width and method: 14.8

multiple field average completed (3 up, 3 down), same reference reach?

**Accepted method?** Yes

New Structure size & type: 18'Sx8'Hx50'L 4 Sided Concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 10/28/22

Minor Span proposed **Estimated time to failure:** 1-3

#### Previous flooding or failure events, documentation, culvert condition, age:

unsafe. washouts.

Flooding: The culverts were constantly washing out and flooding prior to 2016. The Town was forced to raise and pave the road and sleeve two of the culverts to maintain the integrity of the crossing.

#### Design meets DOT 100-year flood standard: Yes

**Regularly obstruction or maintenance required?:** regularly clogged with debris throughout the year.

#### **Impact**

AADT: 272 Cut Offs: 0

**Detours:** 56 homes, 1 critical infrastructure 6.3 miles

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

Town of Richmond's solid waste transfer station is located on Lincoln Street. Failure of this culvert/crossing

would create a lengthy detour for residents in the northern and western areas of town transfer station, sliplined,

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-31, Richmond 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments:**

#### Field work:

**Bankfull width method:** multiple field average completed (3 up, 3 down), same reference reach?

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Embedded

Banks within structure? No

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

Additional Comments: Matches skew and slope? Yes

Barrier status, source: Potential

Maine Stream Habitat Viewer ID: 15909

**Benefits to Fish & Wildlife:** , The stream is full of sediment and debris, which will naturally cleanse with a properly sized culvert.

**Water quality improvements:** moderate priority, Salmon DPS, no downstream barriers, sliplined crossing, smelts downstream

#### Support letters, other notable benefits:

DMR Resource/Habitat Comments: There are smelts that spawn in Mill Stream but not sure if they spawn in the Mill Brook Trib

IFW Resource/Habitat Comments: This site has a considerable wetland/ponded area upstream mainly as a result of beaver activity and clogged culverts. The downstream side has a large plunge pool filled with sediment and . The water temperature was 14°C and had a dissolved oxygen level of 9.4 ppm. The substrate upstream was comprised solely of organic matter (due to the ponding), while cobble, boulder, fines, gravel, and sand were most prevalent downstream. The riparian consisted of grasses and mature conifer/deciduous trees on the upstream end, and mature coniferous and deciduous on the downstream side. Electrofishing collected three fish species including blacknose dace, creek chub, and white sucker. Despite the degraded habitat at the current road-crossing, the habitat farther downstream is suitable for a host of fish species and has a dense & mature riparian, a mainly cobble & pebble substrate, and moderate water velocity. MDIFW fisheries biologists rank this site as moderate priority for fish passage & habitat restoration.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-31, Richmond 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

Habitat Opened/Improved: upstream habitat- 2.67 miles

Fish present, source of info: Wes Ashe, Fisheries Biologist with MDIFW, surveyed the site and

collected

3 fish species., ATS CH

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	20

#### **Evaluation Team Comments:**

Requested funding: \$150000 Total Project Cost: \$424000 Total Match: \$\$274,000.00

% Match proposed: 64.6

**Engineering** 

To be stamped?: Yes Completion level: Plans

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$30,000.00

Construction year: 2023

Feasibility for success: funding committed from local taxation, plans completed, benefits in savings from multiple projects on stream

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-32, Rockland

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

#### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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	
The proposed project includes matching funds from local or other sources.	x	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	15
Section III: Benefits to Fish & Wildlife	50	32
Section IV: Cost Efficiency and Effectiveness	25	15
<u>Total Points</u>	<u>100</u>	<u>62</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-32, Rockland

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

#### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

#### **Contact information:**

Applicant: City of Rockland

Contact: Thomas Luttrell, City Manager

Consultant/Agent Info: Christopher Donlin, Asst Pub Work Dir (app agent)

RFP#: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-32, Rockland

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

**Evaluation Team Comments**:

Town Name: Rockland

Road name: Bog Road (Dunbar Rd)

Stream Name: Branch Brook

Existing Culvert Size & Material: 5.5'Rx50'L CMP

Crossing Age: 40-50

Bankfull width and method: 10.8

multiple field average completed (5 up, 5 down)

Accepted method?

New Structure size & type: 14'Sx8'Hx55'L Open bottom metal arch

Contacted DOT Bridge Program if 10' or greater?: No, intend to contact

Minor Span proposed **Estimated time to failure:** 3-5

Previous flooding or failure events, documentation, culvert condition, age:

signs of failure, old

Flooding: flooding documented, photos 10/31/21 shoulder damage

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: occassional

**Impact** 

AADT: 106 Cut Offs: 0 Detours: 0

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

cutoff

steep downstream ledge, condition isn't horrible

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-32, Rockland

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments**:

#### Field work:

**Bankfull width method:** multiple field average completed (5 up, 5 down)

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 4391

Benefits to Fish & Wildlife: , Rockland Bog

Water quality improvements: shoulder erosion, hanging culvert. Only barrier in system

Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value - 12.09 Atl Salmon Habiat units blocked

IFW Resource/Habitat Comments: This site was surveyed on 10/11/16 and BND, EEL, CCB, and GLS were collected. The temperature was very high - 24.2C - especially for October. Based on these limited data, this is a low priority site for inland fisheries.

Habitat Opened/Improved: upstream habitat- 2.33 miles

Fish present, source of info: none known, Brook trout habitat, ATS modelled habitat 12.78 units

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-32, Rockland

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$435000 Total Match: \$\$285,000.00

% Match proposed: 65.5

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: TBD** 

Costs over previous 10 years: \$1,500.00

Construction year: 2024

Feasibility for success: planned funding, reasonable costs/timeframe

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-33, Rumford

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

#### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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.	х	
<ul> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	x	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	19
Section III: Benefits to Fish & Wildlife	50	44
Section IV: Cost Efficiency and Effectiveness	25	20
<u>Total Points</u>	<u>100</u>	<u>83</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-33, Rumford

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability		

#### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

#### **Contact information:**

Applicant: Town of Rumford

Contact: Dale Roberts, Public Works Superintendent

Consultant/Agent Info: Rob Prue, PE

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-33, Rumford

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

#### **EVALUATION OF SECTION II**

#### **Public Infrastructure Information/Public Safety**

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	19

**Evaluation Team Comments**:

Town Name: Rumford Road name: Isthmus Road Stream Name: Scotty Brook

Existing Culvert Size & Material: 5'Rx68'L CMP

Crossing Age: 50+

Bankfull width and method: 15

multiple field average completed (3 up, 3 down), chose larger value

Accepted method?

New Structure size & type: 18'Sx8'Hx65'L 4 Sided Concrete Box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 10/28/22

Minor Span proposed **Estimated time to failure:** 3-5

Previous flooding or failure events, documentation, culvert condition, age:

Flooding: road was overtopped 11 years ago; August 2011 partial washout and road damage

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Every spring

**Impact** 

AADT: 371 Cut Offs: 0 Detours: 0

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

The existing stream crossing has a gravity sewer

crossing above the culvert. A complete washout of the

crossing will result in a sewer line breakage

Isthmus Road is the only access to Black Mountain of Maine, which is the 4th tallest operating

ski

resort in Maine

see photo 3 of 6 for floding damage, significant. Washout & repair

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-33, Rumford

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section III: Benefits to Fish & Wildlife	50	44

#### **Evaluation Team Comments:**

#### Field work:

**Bankfull width method:** multiple field average completed (3 up, 3 down), chose larger value **Longitudinal profile of stream beyond culvert influence completed?** Complete,

Natural Bottom information: Embedded
Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: Barrier per photos, Alex Abbott

Maine Stream Habitat Viewer ID: NA

**Benefits to Fish & Wildlife:** See correspondence from Maine DIF&W in Exhibit 6. In addition, Alex Abbott, Stream Restoration Specialist with

USFWS completed a draft of a restoration plan for the crossing in March 2019, Brook trout habitat, ATS CH, important spawning and nursery tributary to the Swift River

**Water quality improvements:** important spawning habitats , brook trout and juveniles docuemnted, barrier/hanging crossing

Support letters, other notable benefits: See correspondence from Maine DIF&W in Exhibit 6. In addition, Alex Abbott, Stream Restoration Specialist with

USFWS completed a draft of a restoration plan for the crossing in March 2019

**DMR Resource/Habitat Comments: No current diadromous value** 

IFW Resource/Habitat Comments: Electrofished on 9/12/22, BKT, CCB, and BND present, water quality and habitat good for coldwater fisheries

Habitat Opened/Improved: upstream habitat- 2.2 (est from map) miles

**Fish present, source of info:** David Boucher Fisheries Biologist with MDIFW described Scotty Brook as the most important spawning and nursery tributary

to the Swift River, but the outlet of the culvert is perched, blocking fish passage., MDIFW found at least 10 species of fish, including various trout species

(including Wild Brook Trout) and Longnose Dace (a species of special concern in Maine).

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-33, Rumford

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	20

#### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$467000 Total Match: \$\$317,000.00 % Match proposed: 67.9

**Engineering** 

To be stamped?: Yes Completion level: Plans

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$26,327.00

Construction year: 2023

Feasibility for success: match committed from local taxation

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-34, Skowhegan

**DATE**: 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

#### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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.	х	
The proposed project includes matching funds from local or other sources.	х	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	0
Section III: Benefits to Fish & Wildlife	50	0
Section IV: Cost Efficiency and Effectiveness	25	0
<u>Total Points</u>	<u>100</u>	<u>0</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-34, Skowhegan

DATE: 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

#### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126, but the application was withdrawn after submission.

#### **Contact information:**

Applicant: Town of Skowhegan (WITHDRAWN)

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

#### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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	
The proposed project includes matching funds from local or other sources.	x	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	15
Section III: Benefits to Fish & Wildlife	50	24
Section IV: Cost Efficiency and Effectiveness	25	10
<u>Total Points</u>	<u>100</u>	<u>49</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability	

#### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

#### **Contact information:**

Applicant: Penobscot County Unorganized Territory Administration

Contact: George Buswell

Consultant/Agent Info: Plymouth Engineering

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

**Evaluation Team Comments**:

**Town Name:** T6-R7 WELS (Penobscot Co)

**Road name:** Scraggly Lake Road **Stream Name**: Unnamed stream

Existing Culvert Size & Material: 2'Rx38'L open bottom Concrete Box

Crossing Age: 1

Bankfull width and method: 5

multiple field average completed (3 up only), seems unrelated to the sizing chosen

Accepted method? No

New Structure size & type: 4'Sx5'Hx40'L open bottom conrete box

Contacted DOT Bridge Program if 10' or greater?: No, nothing indicated in app

Bridge proposed, DOT concern over sizing

Estimated time to failure: <1

Previous flooding or failure events, documentation, culvert condition, age:

already failed, replaced 24" culvert available at the time Flooding: overtopping in April 2022 washed out some gravel

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no

**Impact** 

AADT: 0 Cut Offs: 0

**Detours:** 46 homes, 6 businesses, 1 critical infrastructure?

Affected residents, business, affected critical infrastructure, other safety issues, traffic: camp owners, guides, woods operations

cut-offs unsure of critical infrastructure mentioned, no photos, gravel washed out; come measurements unlicear and span measurement needs further assessment;

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

#### Field work:

**Bankfull width method:** multiple field average completed (3 up only), seems unrelated to the sizing chosen

Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? No Type of bottom - Closely match

**New Structure considerations:** 

Additional Comments: Matches skew and slope? Yes

Barrier status, source: Barrier, per LUPC

Maine Stream Habitat Viewer ID: NA, #7350 1 mile DS

Benefits to Fish & Wildlife: , soil erosion to stream

**Water quality improvements:** no photos, location seems inaccurate location. No fish present. Benefit possible for coldwater fish based on amount of habitat opened

Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value

**IFW Resource/Habitat Comments:** 

Habitat Opened/Improved: upstream habitat- 3.5 miles from app miles

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

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$44700 Total Project Cost: \$74700 Total Match: \$\$30,000.00

% Match proposed: 40.1

**Engineering** 

To be stamped?: Yes

Completion level: Not yet engaged

**Army Corp Permit info: TBD** 

Costs over previous 10 years: \$3,218.00

Construction year: 2023

Feasibility for success: sizing is very suspect, costs are unrealistic for proposal, grant request is likely but not committing to 1.2 and funding will not produce a stream smart crossing

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-36, Topsham

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	Х	
<ul> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	30
Section IV: Cost Efficiency and Effectiveness	25	16
<u>Total Points</u>	<u>100</u>	<u>60</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-36, Topsham

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Topsham

Contact: Dennis Cox, Public Works Director

Consultant/Agent Info: Jaime Wallace, Wright-Pierce

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-36, Topsham

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### EVALUATION OF SECTION II

### Public Infrastructure Information/Public Safety

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

#### **Evaluation Team Comments**:

Town Name: Topsham
Road name: Tedford Road
Stream Name: Unnamed stream

Existing Culvert Size & Material: (1) 3'Rx56'L, (1) 2'Rx56'L CMP

Crossing Age: 25

Bankfull width and method: 7.9

multiple field average completed (5 up, 5 down), larger value chosen than measurements

Accepted method?

New Structure size & type: 12'Sx6'Hx56'L 4 Sided Concrete Box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/7/22

Minor Span proposed **Estimated time to failure:** 3-5

#### Previous flooding or failure events, documentation, culvert condition, age:

36" corrugated metal culverts have started

to corrode on the bottom and are in poor condition. One of the culverts has started to deform into an oval

shape

Flooding: no flooding, undersized

#### **Design meets DOT 100-year flood standard:** Yes

### Regularly obstruction or maintenance required?: 2-3 times a year

#### **Impact**

AADT: 135 Cut Offs: 0

**Detours:** retirement community detour, 2.6 miles

Affected residents, business, affected critical infrastructure, other safety issues, traffic: Tedford Road is the main access route to The Highlands, a retirement community, which has plans to develop

a multi-unit Alzheimer facility adjacent to the crossing vulnerable population affected, emergency services

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-36, Topsham

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

### **Evaluation Team Comments**:

#### Field work:

**Bankfull width method:** multiple field average completed (5 up, 5 down), larger value chosen than measurements

Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Embedded
Banks within structure? Yes
Type of bottom - Native material

New Structure considerations: Additional Comments: Matches skew and slope? Yes

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 15961

Benefits to Fish & Wildlife: , embankment erosion

Water quality improvements: hanging 2 feet, dam downstream, opens moderate amount of mabitat

Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value IFW Resource/Habitat Comments: No data, heavy development

Habitat Opened/Improved: upstream habitat- 1.82 miles

Fish present, source of info: none listed, brook trout habitat, modelled ATS habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-36, Topsham

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$900000 Total Match: \$\$750,000.00

**% Match proposed**: 83.3%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: TBD** 

Costs over previous 10 years: \$75,000.00

Construction year: 2023

Feasibility for success: no funds currently committed, budget process estimate from recent projects--high cost estimate to not have committed for construction this year

**RFP #**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-37, Troy

DATE: 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>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	8
<u>Total Points</u>	<u>100</u>	<u>49</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-37, Troy

**DATE**: 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Troy

Contact: Brian Piper, Selectman

Consultant/Agent Info: Raymond E. Brown

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-37, Troy

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

**Town Name:** Troy **Road name:** Bog Rd

Stream Name: Unnamed trib to Carlton Pond

Existing Culvert Size & Material: 6.2'Sx5'Hx36'L CMP

Crossing Age: 26

Bankfull width and method: 11.8

measurements not done correctly, used MSHV est

Accepted method? No

New Structure size & type: 17'Sx6'Hx36'L (13'CS-not 1.2xBFW) Bridge

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/10/22

Minor Span proposed Estimated time to failure: <1

#### Previous flooding or failure events, documentation, culvert condition, age:

The steel oval culvert has rusted out and has holes in the top. The road partially caved in in the summer of 2022. The road was closed for a day while temporary

repairs were made.

Flooding: no flooding, undersized

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: Weekly or monthly

#### **Impact**

AADT: 124 Cut Offs: 0 Detours: 0

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

poor condition short detour, rusting at the top of crossing

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-37, Troy

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments:**

#### Field work:

**Bankfull width method:** measurements not done correctly, used MSHV est **Longitudinal profile of stream beyond culvert influence completed?** TBD,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? No Type of bottom - Closely match

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 16631

Benefits to Fish & Wildlife: , perched at some water levels

**Water quality improvements:** warmwater spp assemblage, large amount of habitat opened, big benefits to wildlife, wildlife management area nearby

#### Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value IFW Resource/Habitat Comments: This hasn't been officially surveyed, but a site we know well. It's at the spot where some folks put in their canoes/kayaks to access Carlton Bog. The fish assemblage is warmwater and comprised primarily of BLC, YLP, PKL, LMB and PKS. Based on these data, this is a low priority site for inland fisheries.

Habitat Opened/Improved: upstream habitat- 10.46 miles

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

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-37, Troy

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	8

### **Evaluation Team Comments**:

Requested funding: \$40000 Total Project Cost: \$60000 Total Match: \$\$20,000.00

% Match proposed: 33.3

**Engineering** 

To be stamped?: NO

Completion level: Not yet engaged, lists IFW as engineering assistance, no engineer?

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$2,000.00

Construction year: 2023

Feasibility for success: using another method of BFW based on model, lack of engineering

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-38, Waldoboro

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	14
Section III: Benefits to Fish & Wildlife	50	44
Section IV: Cost Efficiency and Effectiveness	25	9
<u>Total Points</u>	<u>100</u>	<u>67</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-38, Waldoboro

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## OVERVIEW OF SECTION I Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Waldoboro

Contact: Julie Keizer

Consultant/Agent Info: n/a

n/a

Notes:

Ddi not follow application instructions for submission. Sent separate files

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-38, Waldoboro

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

Town Name: Waldoboro Road name: Elm Street Stream Name: Orffs Brook

Existing Culvert Size & Material: 7'Rx22'L open bottom Concrete Box

Crossing Age: 45

Bankfull width and method: 15.54

measurements does not support initial sizing

Accepted method? No

New Structure size & type: 10'Sx10'Hx40'L Open bottom concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 10/27 & called 11/7

Minor Span proposed Estimated time to failure: <1

#### Previous flooding or failure events, documentation, culvert condition, age:

larger culvert installed upstream by DOT in 2005, imminent failure

Flooding: no flooding, undersized

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no

#### **Impact**

AADT: 128 Cut Offs: 0

**Detours:** 3 homes, 1 criticla infrastructure

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

pump station affected, cut-off; poor measurements taken

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-38, Waldoboro

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	Points Available	Points Awarded
Section III: Benefits to Fish & Wildlife	50	44

#### **Evaluation Team Comments:**

#### Field work:

Bankfull width method: measurements does not support initial sizing

Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

Additional Comments:

Matches skew and slope? Yes

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 14205

**Benefits to Fish & Wildlife:** DMR support to improve rainbow smelt & SR BKT habitat, high value for IFW also, Medomak River Estuary Management Plan 2020-2024

**Water quality improvements:** NPS pollution improvement, very important for fisheries, part of management plan for NPS pollution

Support letters, other notable benefits: DMR support to improve rainbow smelt & SR BKT habitat, high value for IFW also

DMR Resource/Habitat Comments: Smelt spawning habitat

IFW Resource/Habitat Comments: This is the same brook we have surveyed many times over the years that had a new 'Cadillac' culvert with weirs installed just upstream at the Rt. 1 crossing. It hosts a very robust wild BKT population. The current culvert is perched and may not allow any passage at any flows or sea level. Installing a new 1.2 BFW will be beneficial, but it may introduce other fishes in the Medomak River that may not have had access prior. But, cold temps should limit the introduction of most other fish species. This is a very high priority site for inland fisheries.

Habitat Opened/Improved: upstream habitat- 0.02, more habitat may be accessible US miles

**Fish present, source of info:** brook trout, alewives, rainbow smelt, salmon, brook trout, ATS CH, alewife pond drainage

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-38, Waldoboro

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section IV: Cost Efficiency and Effectiveness	25	9

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$210000 Total Match: \$\$60,000.00

% Match proposed: 28.5

**Engineering** 

To be stamped?: Yes

Completion level: Not yet engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$?

Construction year: 2024

**Feasibility for success**: measurements not done correctly, additional fieldwork necessary. Size should be much larger and cost estimate will be under actual. 10 ft clearance seems excessive. Funding is committed at current level. Budget items are more than match + ask

**RFP #**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-39, Wales

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	х	
<ul> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	x	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	11
Section III: Benefits to Fish & Wildlife	50	34
Section IV: Cost Efficiency and Effectiveness	25	16
<u>Total Points</u>	<u>100</u>	<u>61</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-39, Wales

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Wales

Contact: Bill Austin, Public Works Director

Consultant/Agent Info: Main-Land Development Consultants, Inc.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-39, Wales

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	11

### **Evaluation Team Comments**:

Town Name: Wales
Road name: East Road
Stream Name: Jock Stream

Existing Culvert Size & Material: 6'Sx8'Hx23.5'L open bottom concrete box

Crossing Age: 80

Bankfull width and method: 12.2

multiple field average completed (3 up, 3 down), larger modelled value chosen

**Accepted method?** Yes

New Structure size & type: 15'Sx 6'Hx45'L Open Bottom Concrete Box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/8/22

Minor Span proposed Estimated time to failure: 10

#### Previous flooding or failure events, documentation, culvert condition, age:

Concrete wingwalls are deteriorating and steel beginning to surface; travel way over the culvert is also very narrow

with steep banks

Flooding: no flooding, undersized

**Design meets DOT 100-year flood standard:** Yes

Regularly obstruction or maintenance required?: 6-8 times a year, mostly from beaver dams

#### **Impact**

AADT: 350 Cut Offs: 0

Detours: detour 4 miles, unknown #

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

no concrete information provided on impacts to community, shorter detour length

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-39, Wales

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments:**

#### Field work:

Bankfull width method: multiple field average completed (3 up. 3 down), larger modelled value chosen

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure?

Type of bottom - Pebble Count Analysis

New Structure considerations:

**Additional Comments:** 

Matches skew and slope? Yes

No barrier Barrier status, source:

Maine Stream Habitat Viewer ID: 16093

Benefits to Fish & Wildlife: attached correspondence with agencies, The side slopes of the current crossing are steep and have potential to erode. Warmwater species assemblage

Water quality improvements: not a barrier, benefits to wildlife, brook trout present

Support letters, other notable benefits: attached correspondence with agencies

DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: Wild BKT

Habitat Opened/Improved: upstream habitat- 0 miles

Fish present, source of info: Blacknosed Dace, Brown bullhead, Creek Chub, Common Shiner, Golden Shiner, 3-spine Stickleback, & White Sucker, brook trout habitat, ATS modelled habitat,

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-39, Wales

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$306500 Total Match: \$\$156,500.00

**% Match proposed**: 51.06

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$3-5k in closures

Construction year: 2023

Feasibility for success: awaiting formal bid before committing funds

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-40, Warren

**DATE**: 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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	
The proposed project includes matching funds from local or other sources.	x	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	10
Section III: Benefits to Fish & Wildlife	50	33
Section IV: Cost Efficiency and Effectiveness	25	16
<u>Total Points</u>	<u>100</u>	<u>59</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-40, Warren

**DATE**: 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Warren

Contact: Sherry Howard, Town Manager

### **Consultant/Agent Info:**

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-40, Warren

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Town Name: Warren

Road name: Beechwood Street

Stream Name: West Branch Oyster River

Existing Culvert Size & Material: 10.8'Sx7.25'x83'L Metal Pipe Arch

Crossing Age: 52

Bankfull width and method: 17

multiple field average completed (3 up, 3 down)

Accepted method? No

New Structure size & type: 21'Sx21'Hx83'L 4 Sided Concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/1/22

Bridge proposed, DOT concern over sizing

Estimated time to failure: 3-5

#### Previous flooding or failure events, documentation, culvert condition, age:

corrosion, issues documented by DOT inspection

Flooding: no flooding, undersized

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no

#### **Impact**

AADT: 1059 Cut Offs: 0

Detours: 11 mile detour, unknown #

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

local cut through traffic, high traffix, unknown residences, lack of information

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-40, Warren

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section III: Benefits to Fish & Wildlife	50	33

#### **Evaluation Team Comments:**

Field work:

Bankfull width method: multiple field average completed (3 up, 3 down)

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Embedded
Banks within structure? No
Type of bottom - Closely match

New Structure considerations: Additional Comments: Matches skew and slope? Yes

Barrier status, source: Potential

Maine Stream Habitat Viewer ID: 4486

Benefits to Fish & Wildlife:,

Water quality improvements: moderate priority, lack of brook trout documentation

Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value IFW Resource/Habitat Comments: We have surveyed this site and another on the W. Branch Oyster R. Fishes collected were CMS, CCB, EEL, WHS, BND, NSK, GLS, and one unidentified salmonid. The thermal regime & DO appear conducive to brook trout, but the population is likely not all that robust. Based on these data, this is a moderate priority site for inland fisheries.

Habitat Opened/Improved: upstream habitat- 1.07 miles

**Fish present, source of info:** IFW fish list, common shiner, white sucker, black nosed dace, ATS CH, modelled class 3 habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-40, Warren

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments:**

Requested funding: \$150000 Total Project Cost: \$600000 Total Match: \$\$450,000.00 % Match proposed: 75%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$-

Construction year: 0

Feasibility for success: not sure sizing of structure is possible, budget is committed, confirmation fieldwork & engineering may help

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-41, Wells 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>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	16
<u>Total Points</u>	<u>100</u>	<u>68</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-41, Wells 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Wells

Contact: Carol Murray, P.E., Public Works Director

Consultant/Agent Info: William Walsh, P.E.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-41, Wells 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

Town Name: Wells 1

Road name: Newhall Road (Prop 1)

Stream Name: Green Brook

Existing Culvert Size & Material: 5.4'Sx5.8'Hx20'L stone box

Crossing Age: unknown

Bankfull width and method: 11.7

multiple field average completed (3 up, 3 down), larger value -unclear origin of sizing

**Accepted method?** Yes?

New Structure size & type: 25'Sx5'Hx20'L Bridge

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/8/22

Bridge proposed, DOT concern over sizing

Estimated time to failure: 1-3

#### Previous flooding or failure events, documentation, culvert condition, age:

May 2020, flooding caused a top granite beam to crack. A temporary bridge with crane mats and jersey barrier was placed atop the existing structure. The bridge was closed to trucks for approximately 2 months. This bridge was never engineered

Flooding: overtopped 2006, undersized, flooding washouts reported, photos May 2020

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: occassionally

#### **Impact**

AADT: 173 Cut Offs: 0 Detours: 0

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

1 cutoff, see page 23 of 32-cracked granite- essentially failed

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-41, Wells 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments**:

#### Field work:

**Bankfull width method:** multiple field average completed (3 up, 3 down), larger value - unclear origin of sizing

Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes Type of bottom - Closely match

New Structure considerations: Additional Comments: Matches skew and slope? Yes

Barrier status, source: No barrier

Maine Stream Habitat Viewer ID: 55235

**Benefits to Fish & Wildlife:** Jacob Aman, Stewardship Director of the Wells National Estuarine Research Reserve. He stated 'at both of these locations the streams are identified by the state as priority habitat for wild Eastern Brook Trout.,

**Water quality improvements:** backwater upstream, degraded DS habitat, priority for wild brook trout, not a barrier

Support letters, other notable benefits: Jacob Aman, Stewardship Director of the Wells National Estuarine Research Reserve. He stated 'at both of these locations the streams are identified by the state as priority habitat for wild Eastern Brook Trout.

DMR Resource/Habitat Comments: No current diadromous value IFW Resource/Habitat Comments: Wild BKT

Habitat Opened/Improved: upstream habitat- 0 miles

**Fish present, source of info:** brook trout, eels confirmed by IFW, Golden Shiners, White Sucker, Pearl Dace (potentially), Brook trout habitat, significant vernal pools within 1 mile

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-41, Wells 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

#### **Evaluation Team Comments:**

Requested funding: \$150000 Total Project Cost: \$317000 Total Match: \$\$167,000.00

% Match proposed: 52.6%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$45,000.00

Construction year: 2023

Feasibility for success: unclear why 25 feet was chosen for BFW. Match source TBD,

committed in Bond

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-42, Wells 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria		<u>Fail</u>
Section I. Applicability		
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.	Х	
<ul> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	X	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	Points Awarded
Section II: Public Infrastructure Information/Public Safety	25	16
Section III: Benefits to Fish & Wildlife	50	40
Section IV: Cost Efficiency and Effectiveness	25	18
<u>Total Points</u>	<u>100</u>	<u>74</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER: 2022R-42, Wells 2** 

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## OVERVIEW OF SECTION I Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Wells

Contact: Carol Murray, P.E., Public Works Director

Consultant/Agent Info: William Walsh, P.E.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER: 2022R-42, Wells 2** 

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **EVALUATION OF SECTION II**

### Public Infrastructure Information/Public Safety

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

#### **Evaluation Team Comments**:

Town Name: Wells 2

**Road name:** Cole Road (Prop 2) **Stream Name**: Merriland River

Existing Culvert Size & Material: 16'Sx12.2'Hx36.5'L Open bottom metal arch

Crossing Age: 25 ("temporary fix")

Bankfull width and method: 49

multiple field average completed (3 up, 3 down)

**Accepted method?** Yes

New Structure size & type: 61'Sx12'Hx32'L Steel bridge with concrete abutments Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/8/22

Bridge proposed, DOT concern over sizing

Estimated time to failure: 1-3

#### Previous flooding or failure events, documentation, culvert condition, age:

Severe slope erosion on the upstream end where stream constriction has eroded the slopes, exposing 2 guardrail posts and eating at the pavement at the edge of travel way. Geotechnical fabric is holding the slope with voids as large as 3' beneath bulging f

Flooding: previous culvert failed on Mother's Day storm 2006, undersized, flooding continues

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: occassionally

**Impact** 

AADT: 683 Cut Offs: 0

**Detours:** 20-25 homes, 1 business, 7miles

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

This structure was supposed to be a temporary fix and it was not an engineered solution. The structure is undersized and horizontal and vertical roadway alignments are poor.

has failed previously, erosion issues/voids, longer detour, time left

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER: 2022R-42, Wells 2** 

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section III: Benefits to Fish & Wildlife	50	40

#### **Evaluation Team Comments**:

### Field work:

Bankfull width method: multiple field average completed (3 up, 3 down) Longitudinal profile of stream beyond culvert influence completed? TBD,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes Type of bottom - Closely match

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: No barrier

Maine Stream Habitat Viewer ID: 11701

**Benefits to Fish & Wildlife:** 'At both of these locations the streams are identified by the state as priority habitat for wild Eastern Brook Trout,

**Water quality improvements:** This culvert is also improperly oriented in the stream channel. This has aggrascoured bank erosion and ponding upstream of the culvert, altering the native state of the area.

Support letters, other notable benefits: 'At both of these locations the streams are identified by the state as priority habitat for wild Eastern Brook Trout

DMR Resource/Habitat Comments: No current diadromous value IFW Resource/Habitat Comments: Stocked/Wild BKT

Habitat Opened/Improved: upstream habitat- 0 miles

Fish present, source of info: wild brook trout, am eels, Fallfish

Golden Shiner 9-Spine Stickleback

Seam Lamprey

White Sucker, Brook trout, Spotted Turtles (State Threatened), Ribbon Snakes (Special Concern), and New England Cottontail have been documented in the general vicinity.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-42, Wells 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$1550000 Total Match: \$\$1,400,000.00

**% Match proposed**: 90.3%

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$50,000.00

Construction year: 2024

Feasibility for success: engineering costs=\$150,000. very high costs indicates committed in

Bond, did it pass?

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-43, Whitefield

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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.	х	
The proposed project includes matching funds from local or other sources.	х	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	18
Section III: Benefits to Fish & Wildlife	50	37
Section IV: Cost Efficiency and Effectiveness	25	16
<u>Total Points</u>	<u>100</u>	<u>71</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-43, Whitefield

**DATE**: 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Whitefield

Contact: ?

Consultant/Agent Info: Cayer Covil Engineering, LLC

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-43, Whitefield

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

### **Evaluation Team Comments**:

Town Name: Whitefield

**Road name:** South Hunts Meadows Road **Stream Name**: Unnamed outlet of Joy's Pond

Existing Culvert Size & Material: 4'Rx35'L (deformed) CMP

Crossing Age: unknown

Bankfull width and method: 13.5

site report included with data

Accepted method?

**New Structure size & type:** 17.8'Sx4.5'Hx28'L Open bottom concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 9/15/22, called 10/17/22

Minor Span proposed Estimated time to failure: <1

#### Previous flooding or failure events, documentation, culvert condition, age:

neighbors flooded several times, clogging, large hole dent in culvert

Flooding: at least 4 overtopping since March 2021, damage, documentation of flooding

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: multiple times per year

#### **Impact**

AADT: 289 Cut Offs: 0

Detours: 63 homes, 3 businesses, 13 miles

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

longer detour, poor condition, hole in side, regular flooding--poor installation (rock next to

culvert)

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-43, Whitefield

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments**:

#### Field work:

Bankfull width method: site report included with data

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes Type of bottom - historic bed

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 15998

Benefits to Fish & Wildlife: , downstream scour, erosion reduction

**Water quality improvements:** not a huge amount or quality of habitat, warmwater spp present, Western Branch Eastern River

#### Support letters, other notable benefits:

DMR Resource/Habitat Comments: No current diadromous value

**IFW Resource/Habitat Comments:** As a result of an undersized culvert, this site has a large wetland upstream and is channelized downstream with a considerable amount of road debris, organic matter, and tree branches/beaver sticks. The substrate is entirely detritus on the upstream end and detritus with some sand, pebbles, and cobble downstream. Upstream, the riparian has small shrubs, grasses, and cattails, while the downstream side has mature deciduous trees along its banks. On 10/12/22, the water temperature was 6.9°C and dissolved oxygen was 3.4 ppm. Even for mid-October, a ~7.0°C temperature at this site and at other sites upstream is cold, so there may be considerable groundwater in this drainage. Electrofishing collected creek chub, golden shiner, and one small sunfish; all on the downstream side. MEDIFW fisheries biologists rank this site as moderate to low priority for habitat restoration and fish passage.

Habitat Opened/Improved: upstream habitat- 0.73 miles

**Fish present, source of info:** creek chub, bullhead, pumpkinseed, golden shinereel per IFW, eels: DMR, ATS CH, DPAS, Modelled habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-43, Whitefield

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$146000 Total Project Cost: \$186248 Total Match: \$\$40,248.00

% Match proposed: 21.6

**Engineering** 

To be stamped?: Yes Completion level: Plans

**Army Corp Permit info: Application submitted** 

Costs over previous 10 years: \$975.00

Construction year: 2023

Feasibility for success: funds already appropriated, costs reasonable, plans and application

**RFP #**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-44, Winslow

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	x	
• The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.	X	
Scoring Sections	<u>Points</u> <u>Available</u>	<u>Points</u> <u>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	17
Total Points	<u>100</u>	<u>60</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-44, Winslow

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

OVERVIEW OF SECTION I
Applicability

Section I. Applicability		

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Winslow Contact: Erica LaCroix 114 Benton Ave. Winslow, ME 04901 elacroix@winslow-me.gov (207) 872-2776

Consultant/Agent Info: Randy Butler Dirigo Engineering

rbutler@dirigoengineering.com

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-44, Winslow

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

### **Evaluation Team Comments**:

Town Name: Winslow

**Road name:** North Pond Road **Stream Name**: Farber Brook

Existing Culvert Size & Material: 6.6'Sx7.3'Hx69'L CMP

Crossing Age: 40

Bankfull width and method: 17

multiple field average completed (3 up, 3 down)

**Accepted method?** Yes

New Structure size & type: 21'Sx21'Hx83'L 4 Sided Concrete box

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/8/22

Bridge proposed, DOT concern over sizing

Estimated time to failure: 3-5

#### Previous flooding or failure events, documentation, culvert condition, age:

Culvert is failing at the joints. Soil is migrating through the joints, causing sinkholes and pavement failure. Reinforcing bars have been installed laterally inside the culvert to prevent collapse. These are potential

debris catchers

Flooding: no flooding, no washouts

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no

#### **Impact**

AADT: 654 Cut Offs: 0

**Detours:** 70 homes, 5.1 miles

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

moderate detour, condition is poor, no flooding/debris

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-44, Winslow

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments**:

### Field work:

Bankfull width method: multiple field average completed (3 up, 3 down)

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: Potential

Maine Stream Habitat Viewer ID: 16306

Benefits to Fish & Wildlife: , Failing joints in culvert allow soil migration.

Water quality improvements: NPS benefit, not much habitat or fisheries, no brook trout

**Support letters, other notable benefits:** 

DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: We have no data from Farber Brook at this crossing. Woody visited it on 07/27/01, and it was apparently dry yet he got a water temperature of 23.5C.? Since this water is connected to Pattee Pond and there has not been a wild BKT collected in Winslow (ever), I'm guessing this has a warmwater fish assemblage. Based on limited info/data, fisheries biologists rank this site as lower priority.

Habitat Opened/Improved: upstream habitat- 0.86 miles

Fish present, source of info: none listed, present, brook trout habitat, ATS modelled habitat

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-44, Winslow

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$420000 Total Match: \$\$270,000.00

**% Match proposed**: 64.3

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$1,000.00

Construction year: 2023

Feasibility for success: planned funding road budget, sizing is strange for height

**RFP #**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-45, Woolwich 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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> <li>The proposed project includes matching funds from local or other sources.</li> </ul>	x	
The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.		
Scoring Sections		Points Awarded
Section II: Public Infrastructure Information/Public Safety		10
Section III: Benefits to Fish & Wildlife		31
Section IV: Cost Efficiency and Effectiveness		10
<u>Total Points</u>		<u>51</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-45, Woolwich 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Woolwich

Contact: Kim Dalton

Consultant/Agent Info: Greg MacAlister; Calderwood Engineering

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-45, Woolwich 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

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

**Evaluation Team Comments**:

Town Name: Woolwich 1

**Road name:** Murphy's Corner Road **Stream Name**: Unnamed stream

Existing Culvert Size & Material: 5'Rx49'L CMP

Crossing Age: 68

Bankfull width and method: 10.8

multiple field average completed (5 up, 5 down)

**Accepted method?** Yes

New Structure size & type: 14'Sx9.75'Hx48'L Open bottom metal arch

Contacted DOT Bridge Program if 10' or greater?: Yes, emailed 11/9/22

Minor Span proposed

Estimated time to failure: 10+

Previous flooding or failure events, documentation, culvert condition, age:

old, The current crossing does not have any guardrail and has steep banks

Flooding: no flooding, undersized

Design meets DOT 100-year flood standard: Yes

Regularly obstruction or maintenance required?: no

**Impact** 

AADT: 240 Cut Offs: 0

**Detours:** 90 homes detour 7.9 miles

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

long detour

longer detour, higher # houses, no structural defect or flooding

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-45, Woolwich 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

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

#### **Evaluation Team Comments**:

### Field work:

Bankfull width method: multiple field average completed (5 up, 5 down)

Longitudinal profile of stream beyond culvert influence completed? Complete,

Natural Bottom information: Open Bottom, footings below SCOUR

Banks within structure? Yes

Type of bottom - Pebble Count Analysis

**New Structure considerations:** 

**Additional Comments:** 

Matches skew and slope? Yes

Barrier status, source: Barrier

Maine Stream Habitat Viewer ID: 15939

Benefits to Fish & Wildlife: , The current outlet is perched approximately 4"

Water quality improvements: hanging, only barrier in system

#### **Support letters, other notable benefits:**

DMR Resource/Habitat Comments: No current diadromous value

IFW Resource/Habitat Comments: This site has an undersized and misplaced culvert that has created a large plunge pool filled with sediment and organic matter. On 11/7/22, the water temperature was 14.5°C and had a dissolved oxygen level of 7.0 ppm. The substrate was comprised of bedrock, boulder, cobble, pebble, sand & organic matter. The riparian consisted of mature coniferous and deciduous trees. Even with recent precipitation events, the upstream habitat has considerably less water than downstream of the culvert, and is likely intermittent or reduced to small pools during mid-summer. The downstream habitat appeared ideal for fishes but extensive electrofishing collected zero fish species - while salamanders and frogs were abundant. Without more knowledge of year-round water temperatures, dissolved oxygen, water flow, local topography, etc., it's impossible to understand the reason(s) for the complete fish absence. However, based on the number of salamanders/frogs, it's likely that this section of stream is fishless. MDIFW fisheries biologists rank this site as lower priority for fish passage & habitat restoration.

Habitat Opened/Improved: upstream habitat- 2.12 miles

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-45, Woolwich 1

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

Fish present, source of info: Per a site survey by MDIFW Fishery Biologists on 11/7/2022,

electrofishing was unable to collect any fish

samples. The downstream habitat appears to be sufficient for fish life, but only frogs and salamanders

were

present., ATS modelled habitat

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

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

### **Evaluation Team Comments**:

Requested funding: \$150000 Total Project Cost: \$186000 Total Match: \$\$36,000.00

% Match proposed: 19.3

**Engineering** 

To be stamped?: Yes

Completion level: Engineer engaged

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$-

Construction year: 2023

Feasibility for success: in-kind match but uncertain (pending), aluminum structure may be

problematic for lifespan, DOT concerns

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-46, Woolwich 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

### **SUMMARY PAGE**

**Department Name:** Environmental Protection **Name of RFP Coordinator:** John Maclaine

Names of Evaluators: David Waddell, James Stahlnecker, Nathan Robbins, John Maclaine

Pass/Fail Criteria	<u>Pass</u>	<u>Fail</u>
Section I. Applicability		
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		
The proposed project includes matching funds from local or other sources.		
The proposed project is for the upgrade of a culvert, not currently a bridge as defined by the RFA.		
Scoring Sections		Points Awarded
Section II: Public Infrastructure Information/Public Safety		20
Section III: Benefits to Fish & Wildlife		44
Section IV: Cost Efficiency and Effectiveness		15
<u>Total Points</u>		<u>79</u>

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-46, Woolwich 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# OVERVIEW OF SECTION I Applicability

Section I. Applicability	

### **Evaluation Team Comments**:

Project qualifies for scoring under RFP#202208126

### **Contact information:**

Applicant: Town of Woolwich

Contact: Kim Dalton

Consultant/Agent Info: Greg MacAlister; Calderwood Engineering

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-46, Woolwich 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

# EVALUATION OF SECTION II Public Infrastructure Information/Public Safety

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section II: Public Infrastructure Information/Public Safety	25	20

### **Evaluation Team Comments**:

Town Name: Woolwich 2

**Road name:** George Wright Road **Stream Name**: Back River Creek

Existing Culvert Size & Material: 10'Sx4'Hx45'L 4 sided concrete box

Crossing Age: 88

#### Bankfull width and method: 12

Tidal site. Hydrologic and hydraulic model for this site was developed by Woods Hole Group in 2021. Survey information,

bathymetric data, and water level measurements at 6 locations along Back River Creek were incorporated into

the model and used to asses

Accepted method?

**New Structure size & type:** removal project 115'W natural flow, restoration

Contacted DOT Bridge Program if 10' or greater?: n/a

removal

Estimated time to failure: 5-10

### Previous flooding or failure events, documentation, culvert condition, age:

A Maine DOT inspection report for this structure in 2017 notes, "Structure is in overall Poor condition

Flooding: floods two to five times

a year, The overtopping occurs just to the west of the crossing, not at the crossing itself.

### Design meets DOT 100-year flood standard: Yes

### Regularly obstruction or maintenance required?: no

### **Impact**

AADT: 513 Cut Offs: 0 Detours: 0

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

Bath Water District has a water main pipe embedded in the current road, sitting on top of the culvert structure. As part of a parallel project alongside this culvert project, the Bath Water District will be directionally boring and approximately 200 foot removal & restoration project

removal of risk, water main is primary concern, no signifficant inconvenience by limiting access

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-46, Woolwich 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

## EVALUATION OF SECTION III Benefits to Fish & Wildlife

	<u>Points</u> <u>Available</u>	<u>Points</u> <u>Awarded</u>
Section III: Benefits to Fish & Wildlife	50	44

#### **Evaluation Team Comments**:

#### Field work:

**Bankfull width method:** Tidal site. Hydrologic and hydraulic model for this site was developed by Woods Hole Group in 2021. Survey information,

bathymetric data, and water level measurements at 6 locations along Back River Creek were incorporated into

the model and used to asses

Longitudinal profile of stream beyond culvert influence completed? Complete, bathymetric data,

Natural Bottom information: no structure, restoration

**Banks within structure?** Yes **Type of bottom - sediment analysis** 

**New Structure considerations:** 

Additional Comments: complete tidal restoration

Matches skew and slope? Yes

Barrier status, source: Potential

Maine Stream Habitat Viewer ID: 16065

**Benefits to Fish & Wildlife:** numerous letter sof support and partners, the downstream culvert invert is at -3.2 feet. It

appears that there is a 1 to 2 foot drop at the culvert

outlet, with the scour pool a further 9 feet deep.

**Water quality improvements:** "according to Maine DMR, Pleasant Cove serves as a nursery and foraging area for a variety of fish species,

including alewives, blueback herring, rainbow smelt, striped bass, American eel, tomcod, and white perch. Marsh habitat restoration

Pleasant Cove i

### Support letters, other notable benefits: numerous letter sof support and partners

**DMR Resource/Habitat Comments:** Not a current barrier. There are tomcod, smelt, American eel that use the area above the culvert. If there were a bridge then sturgeon may use the area above the existing culvert up to the new route 1 crossing now under constructution.

**IFW Resource/Habitat Comments**: This site appears extremely wide and hasn't been surveyed before. It's right near the mouth of the Sasanoa River and saltwater. As for as inland fisheries concerns, this is a low priority site.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER: 2022R-46, Woolwich 2

**DATE:** 12/6/2022, 12/9/2022, 12/16/2022, 1/6/2023, 1/11/2023

Habitat Opened/Improved: upstream habitat- 6.95 miles

Fish present, source of info: Alewives, blueback herring, eels, smelt, other diadromous spp. Maine DMR's Sea Run Fish program has indicated that Pleasant Cove is a very important site for sturgeon and has been in communication with the project manager to provide insight on protecting sturgeon during the project work., ATS CH, DPS

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

		Points Awarded
Section IV: Cost Efficiency and Effectiveness	25	15

#### **Evaluation Team Comments:**

Requested funding: \$150000 **Total Project Cost: \$1425200** Total Match: \$\$1,275,200.00

% Match proposed: 89.4

**Engineering** 

To be stamped?: Yes **Completion level: Plans** 

**Army Corp Permit info: Contact** 

Costs over previous 10 years: \$-

Construction year: 2025

Feasibility for success: in-kind match, other grants? Huge match required to get done, will it happen, other grants awarded? Concern about completion during contract period

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-1, Albany Twp (Oxford Co)

DATE: 12/2/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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

Road name	Patte Brook Road
Stream Name	Walker Brook
Existing Culvert Size &	Circular Corrugated Metal Pipe 48"x 2
Material	
Crossing Age	22 years
Bankfull width and method	Measured x 6, habitat viewer and stream stats. 10.3 ' proposed 13'
New Structure size & type.	Concrete Closed bottom Box 13'Wx5'Hx45'L
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	The stream at the twin 48" culverts has overtopped the road several times due to hi+/- 3 times in the past 10 years flows and debris, the culverts are perched.
Change in culvert capacity	Yes 48'x2 to 13x5'
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	yes
Cut-offs or detours	12 detoured homes 1.65 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	access to the eastern side of the White Mountain National Forest

**RFP #**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-1, Albany Twp (Oxford Co)

DATE: 12/2/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?  1.2 x BFW or Tidal analysis sizing, considerations performed	Bankfull width method: Measured x 6, habitat viewer and stream stats Longitudinal profile of stream beyond culvert influence included? : yes  1.2 bfw.
Natural Bottom information; Banks within structure?	Pebble count matching native
New Structure considerations	
Barrier status, source	Blockage, Perched pipes, Photos
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	
Habitat Opened/Improved	
Fish present, source of info	Wild Brook Trout — Maine Stream Habitat Viewer, Maine Department of Inland Fisheries & Wildlife (James Pellerin) Wild Land Locked Salmon — Maine Department of Inland Fisheries & Wildlife (James Pellerin)

### III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$295,000
Total Match;	Requested: \$150,000
% Match proposed	Match: \$145,000
Engineering	: \$15,000 Pine Tree Engineering, Inc.
Army Corp Permit info	Contacted
Costs over previous 10	Approximately 5,000-\$10,000
years	
Construction year	2023
Feasibility for success;	Looks Good, Engineering cost looks good, E+S considered, total costs
Additional efficiencies;	seem good, timing is good
Design concerns or	
clarification required	

Rev. 2/4/2020

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-2, Bath

**DATE**: 12/2/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

### I. Public Infrastructure Information/Public Safety

Road name	Anchor Road
Stream Name	Whiskeag Stream
Existing Culvert Size &	78" Circular CMP
Material	
Crossing Age	25+ yrs
Bankfull width and method	
New Structure size & type.	N/A removal
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1 yr
Previous flooding or failure	
events, documentation,	
culvert condition, age	
Change in culvert capacity	
Design meets DOT 100-year	Yes
flood standard	
Regularly obstruction or	
maintenance required	
Cut-offs or detours	Removal
Affected residents, business,	
affected critical infrastructure,	
other safety issues, traffic	
other surety issues, truffle	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-2, Bath

**DATE:** 12/2/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Bankfull width method:
Longitudinal profile of stream beyond culvert influence included? :
Yes ???
Yes ???
No structure proposed
Partial 15925
No letters of support
????
No fish

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$388,000 Requested: \$150,000 Match: ?? assumed to be \$238,000
Engineering	: \$48,000 :
Army Corp Permit info	Contacted
Costs over previous 10 years	
Construction year	

Rev. 2/4/2020

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-2, Bath

**DATE:** 12/2/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Clarify if the waterline will remain
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-3, Bridgton

DATE: 10/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

### I. Public Infrastructure Information/Public Safety

Road name	Wildwood Road
Stream Name	Sucker Brook
Existing Culvert Size &	6' circular Concrete
Material	
Crossing Age	60+
Bankfull width and method	Measured and stream stats and habitat viewer. Bfw 14', prelim width 17'
New Structure size & type.	closed bottom concrete 17x5x25
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3 years, looks like piping around the structure
Previous flooding or failure events, documentation, culvert condition, age	Residents report that the crossing has flooded twice in the last 10-years. Not washed out
Change in culvert capacity	Yes
Design meets DOT 100-year flood standard	
Regularly obstruction or maintenance required	
Cut-offs or detours	Cutoff 8/1/1
Affected residents, business, affected critical infrastructure, other safety issues, traffic	260 trips per day

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-3, Bridgton

DATE: 10/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? : Will be provided at design
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Existing stream substrate material will be excavated and stored during demolition of the existing culvert.  No banks
New Structure considerations	Construction is more difficult hard to get sub straight into the structure
Barrier status, source	Habitat viewer 8571
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contact made  Documentation of lots of impacts (see app)
Habitat Opened/Improved	will open 5.66 miles
Fish present, source of info	Brook trout

### **III. Cost Efficiency and Effectiveness**

iiii Goot Emololoy and Emocuvenece	
Total Project Cost;	Total: \$255,000
Total Match;	Requested: \$150,000
% Match proposed	Match: \$105,000
	: \$30,000
Engineering	:
Army Corp Permit info	contacted
Costs over previous 10 years	\$6500
Construction year	3 Months (Late Summer 2023-Early Fall 2023)

**RFP#**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-3, Bridgton

**DATE: 10/7/2022** 

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Positive, nice little stream,
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-4, Brooklin

**DATE**: 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

### I. Public Infrastructure Information/Public Safety

Road name	Hales Hill Road
Stream Name	Meadow Brook / tidal crossing
Existing Culvert Size & Material	Bridge less than 10 feet
Crossing Age	50+
Bankfull width and method	Three upstream measurements and viewer and stats 12', 15' prelim
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Open bottom concrete box 15x6x28

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	No
Change in culvert capacity	yes
Design meets DOT 100-year flood standard	
Regularly obstruction or maintenance required	
Cut-offs or detours	Not answered, 349 trips, 5.7 mile detour stated
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-4, Brooklin

**DATE:** 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Pebble count
New Structure considerations	
Barrier status, source	MHV 50651
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted MDIFW and DMR
Habitat Opened/Improved	??????
Fish present, source of info	Sea run brook, eels, smelt Beginning with Habitat Map Viewer and Bailey Bowden, Bagaduce River Monitor

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
	Total: 373
Total Project Cost;	Requested: 150
Total Match;	Match: 223
% Match proposed	\$81,050 committed to date by Town of Brooklin and Town of Sedgwick, Remaining funding will
	need to be requested and authorized at Town Meetings.
Fundamental	: \$52,000
Engineering	
Army Corp Permit info	contacted
Army Corp Fermit into	
Costs over previous 10 years	none
costs over previous 10 years	
Construction year	2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-5, Brownville

**DATE**: 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

### I. Public Infrastructure Information/Public Safety

Road name	Spencer Road
Stream Name	Alder Brook
Existing Culvert Size &	Circular CMP x2 3' and 2'
Material	
Crossing Age	15+
Bankfull width and method	Measured, stats, Viewer, bfw is 7.4'
New Structure size & type.	10'x5'9"x44'
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Approximately every 2-3 years
Change in culvert capacity	yes
Design meets DOT 100-year flood standard	YES
Regularly obstruction or maintenance required	Every 3-5 years
Cut-offs or detours	5/0/0 cutoff
Affected residents, business, affected critical infrastructure, other safety issues, traffic	59 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-5, Brownville

**DATE:** 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Delicits to Fish & W	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Longitudinal profile provided.
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Yes and yes
New Structure considerations	
Barrier status, source	Viewer 2553
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	TNC support letter
Habitat Opened/Improved	???
Fish present, source of info	No fish

### III. Cost Efficiency and Effectiveness

iii. Oost Efficiency and Effectiveness	
Total Project Cost;	Total: \$178,000
Total Match;	Requested: \$150,000
% Match proposed	Match: \$28,000 Then they added 500
	: 10000
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	none
Construction year	2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-6, China

**DATE**: 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

### I. Public Infrastructure Information/Public Safety

Road name	Ingraham Road
Stream Name	Hewitt Brook
Existing Culvert Size & Material	Circular CMP x 2, 2.75', 2'
Crossing Age	Unknown
Bankfull width and method	Meausured one up, one down, viewer and stats, hydraulic analysis, chose 7.25 when others say 10.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Aluminum Box 11-4x6-6x36 clear span is 9-6

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	No flooding, corrosion,
Change in culvert capacity	
Design meets DOT 100-year flood standard	
Regularly obstruction or maintenance required	
Cut-offs or detours	19 detoured 3.3 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	150 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-6, China

**DATE:** 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Delicino to i isii & W	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Pebble count and banks
New Structure considerations	
Barrier status, source	Viewer 3772
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted both and provided response
Habitat Opened/Improved	???
Fish present, source of info	Yes, Habitiat only

III. Cost Efficiency and Effectiveness

iii. Oost Efficiency and Effectiveness	
Total Project Cost;	Total: 175,000 Requested: 150,000
Total Match;	•
% Match proposed	Match: 25,000
F	: 10000
Engineering	:
Army Corp Permit info	contact
Costs over previous 10 years	unknown
Construction year	7-10/2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-7, Cornish

DATE: 12/7/2022

**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:**

Road name	Back Street
Stream Name	Little River
Existing Culvert Size &	Circular CMP x 2, 60" and 60"
Material	
Crossing Age	35+
Bankfull width and method	TBD Estimated at 20'
New Structure size & type.	19x5x20 Bridge
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	<1 year
Previous flooding or failure events, documentation, culvert condition, age	Photos of flooding not provided
Change in culvert capacity	assumed
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	1 mile detour
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Unknown

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-7, Cornish

DATE: 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

II. Delicina to I isii & W	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes?
Natural Bottom information; Banks within structure?	Open Bottom w/ Natural bed
New Structure considerations	
Barrier status, source	Viewer 10234
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No contact
Habitat Opened/Improved	0.7 miles
Fish present, source of info	Yes?

IIII GOOT EIIIIGIGIIG G	iii. Oost Efficiency and Effectiveness	
Total Project Cost; Total Match;	Total: 165,000 Requested: 150,000	
% Match proposed	Match: 15,000	
Engineering	:	
Army Corp Permit info		
Costs over previous 10 years		
Construction year	8/2023	
Feasibility for success;	Obviously they need the money.	
Additional efficiencies;		
Design concerns or		
clarification required		

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-8, Cumberland 1

**DATE**: 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Greely Road
Stream Name	Maxfield Brook
Existing Culvert Size &	Circular CMP 6 ft
Material	
Crossing Age	40+
Bankfull width and method	Habitat Viewer and Stats 10.2
New Structure size & type.	Open bottom concrete Arch 13x8x44
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	hurricanes and tropical storms over the past 30 years. Damaged no photos
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	
Cut-offs or detours	10/1/0 detoured 6.9 miles, spring brook farms
Affected residents, business, affected critical infrastructure, other safety issues, traffic	2605 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-8, Cumberland 1

**DATE:** 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: measurements will be done during design Longitudinal profile of stream beyond culvert influence included? : Attached, but not found
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Open bottom natural, bed material and banks no pebble count no sure how they will do this.
New Structure considerations	
Barrier status, source	Viewer 8120
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contact with agencies, no letters There are no threatened or endangered species recorded but reliable reports of Wild Brook Trout exist in a headwater tributary west of the brook. It is highly likely that this brook also supports wild brook trout populations
Habitat Opened/Improved	????
Fish present, source of info	American eels, brook trout habitat

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: 200,000 Requested: 150,000 Match: 50,000
Engineering	: \$26,000 :
Army Corp Permit info	contacted
Costs over previous 10 years	\$2500
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-9, Cumberland 2

**DATE: 12/7/2022** 

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Greely Road
Stream Name	Windle Brook
Existing Culvert Size &	Circular CMP 4ft
Material	
Crossing Age	45+
Bankfull width and method	Stats and viewer 8.8ft
New Structure size & type.	Open bottom Arch concrete 11x6x44
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Flooding but no records or number of times
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	10/1/0 detour 6.9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	2605 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-9, Cumberland 2

DATE: 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: measurements during design Longitudinal profile of stream beyond culvert influence included? Attached, No commitment to footings.
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Natural bottom and banks but not specified how material will be provided
New Structure considerations	
Barrier status, source	Viewer 8123
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted agencies ifw: reliable reports of Wild Brook Trout exist in a headwater tributary west of the brook. It is highly likely that this brook also supports wild brook trout populations.
Habitat Opened/Improved	???
Fish present, source of info	eels

iii. Oost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$200,000 Requested: \$150,000 Match: \$50,000
Engineering	: \$26,000 :
Army Corp Permit info	contacted
Costs over previous 10 years	\$2500
Construction year	August 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-10, Dover-Foxcroft 1

**DATE:** 12/7/2022

**EVALUATOR NAME: David A. Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Bryant Road
Stream Name	Unnamed Stream
Existing Culvert Size & Material	Circular CMP 3ft
Crossing Age	10-15 yrs
Bankfull width and method	Measured down stream only, viewer and stats, 7.1 ft
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete closed bottom box, 9x6x40

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	2 times in last 10
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Debris and beaver dams, damaged in last 10
Cut-offs or detours	14/0/0 detoured 7.9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	70 trips

**RFP #**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-10, Dover-Foxcroft 1

**DATE**: 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: down stream only weltand pool above?????? Longitudinal profile of stream beyond culvert influence included? At time of design.
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Natural bottom with pebble count and banks
New Structure considerations	
Barrier status, source	Viewer 2685
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted but not called back
Habitat Opened/Improved	???
Fish present, source of info	landlocked Atlantic salmon USFW

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$300,000 Requested: \$150,000 Match: \$150,000
Engineering	: \$15,000 :
Army Corp Permit info	Will contact
Costs over previous 10 years	\$22,000
Construction year	August 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-11, Dover-Foxcroft 2

**DATE: 12/7/2022** 

**EVALUATOR NAME: David Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Bear Hill Road
Stream Name	Unnamed Stream
Existing Culvert Size & Material	Circular CMP 3ft
Crossing Age	10-15
Bankfull width and method	Measured, stats and viewer
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Closed bottom box concrete 11x8x32

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Yes 2 times
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Yes beaver and debris
Cut-offs or detours	50-60/2/0 detour 8.7 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	610 trips

**RFP#**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-11, Dover-Foxcroft 2

**DATE:** 12/7/2022

**EVALUATOR NAME: David Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: down stream only wetland above?????? Longitudinal profile of stream beyond culvert influence included? During permitting
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Natural pebble count and banks
New Structure considerations	
Barrier status, source	Viewer 2688
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Attempted
Habitat Opened/Improved	???
Fish present, source of info	Atlantic salmon USFW

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match;	Total: \$330,000 Requested: \$150,000
% Match proposed	Match: \$180,000
Engineering	: \$15,000
Engineering	:
Army Corp Permit info	Will contact if awarded
Costs over previous 10 years	Same as last 22,000
Construction year	August to sept 2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-12, Dover-Foxcroft 3

**DATE: 12/2/2022** 

**EVALUATOR NAME: David Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Bear Hill Road
Stream Name	Unnamed Stream
Existing Culvert Size & Material	Circular CMP 2.5ft
Crossing Age	10-15
Bankfull width and method	measured
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Closed bottom box concrete 9x8x40

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	2 times in 10 no info
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Beaver and debris
Cut-offs or detours	50-60/2/0 detoured 8.7 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	610 trips

**RFP #**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-12, Dover-Foxcroft 3

DATE: 12/2/2022

**EVALUATOR NAME: David Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: 3 down gradient only ?????  Longitudinal profile of stream beyond culvert influence included?  During design
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Banks and nat bottom pebble count
New Structure considerations	
Barrier status, source	Viewer 2687
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	attempted
Habitat Opened/Improved	???
Fish present, source of info	Atlantic Salmon USFW

III. Oost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$315,000 Requested: \$150,000 Match: \$165,000
Engineering	: \$15,000 :
Army Corp Permit info	If awarded
Costs over previous 10 years	22,000 but same as other 2
Construction year	
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-13, Durham

**DATE**: 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Swamp Road
Stream Name	Meadow Brook
Existing Culvert Size &	Circular plastic 3ft x2
Material	
Crossing Age	27 years
Bankfull width and method	All, 13.4 from HY-8
New Structure size & type.	Concrete open bottom arch 20x17.8x31.5
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	Flooded from debris 2-3 times per year
Change in culvert capacity	
Design meets DOT 100-year flood standard	??? it is assumed it will, states that it is designed for over 100 year
Regularly obstruction or maintenance required	yes
Cut-offs or detours	60/5/??? Detoured 6.7 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	1568 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-13, Durham

**DATE:** 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: All went High Longitudinal profile of stream beyond culvert influence included? included
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Pebble count no Banks
New Structure considerations	Block wall with footings 20' potential scour depth is below footings
Barrier status, source	No barriers above and below not listed Viewer 20838
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	
Habitat Opened/Improved	???
Fish present, source of info	?? brook trout / Atlantic salmon

#### III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$300,000 Requested: \$150,000 Match: \$150,000
Engineering	: \$12,000 :
Army Corp Permit info	ACOE permit obtained
Costs over previous 10 years	\$8-10,000
Construction year	Summer to fall 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-14, Eastbrook

**DATE**: 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Macomber Mill Road
Stream Name	Macomber Mill Stream
Existing Culvert Size &	Arch CMP 12.5x8x52.5
Material	
Crossing Age	65
Bankfull width and method	Measured and stream stats 17
New Structure size & type.	Open bottom Concrete 17x7'8"x36
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	No flooding overtopping of road
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	32/2/0 detour 13-18 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	242

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-14, Eastbrook

**DATE:** 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width,	Bankfull width method:
method, & confidence; skew matches stream, longitudinal	Longitudinal profile of stream beyond culvert influence included?
profile?	Attached
	Citizen autonoities abaneal constriction agreed by historia mill dam infrastructure (i.e., unstragge
1.2 x BFW or Tidal analysis sizing, considerations performed	Given extensive channel constriction caused by historic mill dam infrastructure (i.e., upstream narrow stone retaining walls and ≈280 ft of boulder reinforced earthen berms below the outlet) and the relatively steep concave approach to the crossing inlet, we feel it would not be prudent to install a 1.2x bankfull width structure. Doing so would slow water and risk sediment deposition and aggradation at the road crossing structure (see USFWS Stream Simulation Handbook
Natural Bottom information;	Yes, pebble count and banks
Banks within structure?	
New Structure considerations	
Barrier status, source	Viewer 51075
Benefits to Fish & Wildlife;	IFW support letter USFW support lettter
Water quality improvements;	
Support letters, other notable benefits	
Habitat Opened/Improved	???
Fish present, source of info	Fish in Webb Brook

III. Cost Efficiency and Effectiveness

iii. Oost Emclency and Enectiveness		
Total Project Cost; Total Match; % Match proposed	Total: \$235,000 Requested: \$115,000 Match: \$120,000	Math: its important
Engineering	: \$8,000 :	
Army Corp Permit info	contacted	
Costs over previous 10 years	\$22,000	
Construction year	August 2023	
Feasibility for success; Additional efficiencies; Design concerns or clarification required	With cash in hand high	

Rev. 2/4/2020

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-15, Fairfield

**DATE**: 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Green Road
Stream Name	Tobey Brook
Existing Culvert Size &	CMP 4.5ft
Material	
Crossing Age	25
Bankfull width and method	Measured, stats, and regression 10.7'
New Structure size & type.	Concrete bridge 13'x6x40
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Flooded once in 2014
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Cleared once per year
Cut-offs or detours	25/2/0 detoured 9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	805 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-15, Fairfield

**DATE:** 12/7/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: 3 up and 3 down measured Longitudinal profile of stream beyond culvert influence included? provided
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Pebble count with banks
New Structure considerations	
Barrier status, source	Not surveyed 16,789 partial barrier possibly pearched
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	"Brook trout were quite numerous, indicating that Tobey Brook provides suitable habitat for wild trout. Any improvements to fish passage and habitat connectivity would benefit this resource. Tobey Brook would rank as a high value resource for IFW." – Jason Seiders, DIFW
Habitat Opened/Improved	
Fish present, source of info	Assumed brook trout, Brook Trout, 9 -Spine Stickleback, 3-Spine Stickleback, Blacknose dace, Creek chub, White sucker" – Jason Seiders, DIFW

III. Cost Efficiency and Effectiveness

III. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$245,000
Total Match;	Requested: \$150,000
% Match proposed	Match: \$95,000
Fundament of the second	\$20,000
Engineering	
Army Corp Permit info	contacted
Costs over previous 10 years	\$7,500
Construction year	Aug-sep 2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-16, Freedom

**DATE**: 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Mitchel Rd.
Stream Name	Winslow Brook or Willow Brook
Existing Culvert Size &	Concrete bridge 16(?)x9.5x20
Material	
Crossing Age	This is a bridge constructed by the State of Maine in 1927. DOT # 5148
Bankfull width and method	Measured, stats, and viewer measured is 20 used 10
New Structure size & type.	Open bottom box 12x10x12
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	no
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	25/1/0 detoured 8 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	168 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-16, Freedom

**DATE:** 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

II. Deficitio to Figure 44	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes but no
Natural Bottom information; Banks within structure?	Native material but no info
New Structure considerations	
Barrier status, source	Viewer 16527
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No contact with agencies
Habitat Opened/Improved	
Fish present, source of info	Yes but no evidence

Total Project Cost; Total Match; % Match proposed	Total: TBD Requested: \$150,000 Match: TBD
Engineering	: : TBD
Army Corp Permit info	TBD
Costs over previous 10 years	\$1000
Construction year	July 2023 to October 2024
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-17, Georgetown

**DATE**: 12/13/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Robinhood Road
Stream Name	Unnamed Stream trib to Sasanoa River
Existing Culvert Size &	Circ. Concrete 36 inch
Material	
Crossing Age	65 years
Bankfull width and method	Measured, and stats used 7.7
New Structure size & type.	Closed bottom concrete box 10x6x60
C	
	, , , , , , , , , , , , , , , , , , ,

Cation at a distance to failure	3-5
Estimated time to failure	3 3
Previous flooding or failure	no
events, documentation,	
culvert condition, age	
, 5	
Change in culvert capacity	
Design meets DOT 100-year	yes
flood standard	
nood standard	
Regularly obstruction or	Every Spring & Fall
maintenance required	
Cut-offs or detours	40/3/0 40 cutoff
cut-ons or detours	
Affected residents, business,	383 trips
affected critical infrastructure,	
other safety issues, traffic	
other surety issues, traffic	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-17, Georgetown

**DATE:** 12/13/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

in Bononto to Fion & Friding		
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: 3up; 3 down Longitudinal profile of stream beyond culvert influence included? :yes	
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes	
Natural Bottom information; Banks within structure?	Pebble count and banks	
New Structure considerations		
Barrier status, source	Not a barrier or partial barrier depending	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Wes Ashe, Fisheries Biologist with MDIFW said that the culvert is definitely undersized for this site, so the stream and road would both benefit from a larger structure. However, this is a relatively low priority crossing with respects to fish passage and stream connectivity.	
Habitat Opened/Improved	???	
Fish present, source of info	no	

#### III. Cost Efficiency and Effectiveness

III. Cost Emiciency an	u Lifectiveness
Total Project Cost;	Total: \$402,000 Requested: \$150,000
Total Match;	•
% Match proposed	Match: \$252,000
	: \$15,000
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	30,000
Construction year	Aug to sep 2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-18, Greene

**DATE**: 12/13/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Sprague Mills Road
Stream Name	Hooper Brook
Existing Culvert Size &	Open bottom concrete Arch 15x20x20 (?)
Material	
Crossing Age	64 years
Bankfull width and method	Stats 23' using 15'
New Structure size & type.	Open bottom arch CMP 15x20x30 (???)
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	No
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Checked every month and cleaned out about once a year
Cut-offs or detours	12/1/1 detoured 3.5 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	330

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-18, Greene

**DATE:** 12/13/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

II. Benefits to 1 ion & Whalife		
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: TBD  Longitudinal profile of stream beyond culvert influence included? TBD	
1.2 x BFW or Tidal analysis sizing, considerations performed	yes	
Natural Bottom information; Banks within structure?	Natural no banks pebble count	
New Structure considerations		
Barrier status, source	Not a barrier??	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Called MDIFW and was given the following information, Brown Mullet, Fall Fish, Bass, Pickerel and white suckers. The Upstream habitat does show the ability to sustain Wild Brook Trout in the waterway.	
Habitat Opened/Improved	???Down stream barriere 5.92 miles	
Fish present, source of info	Yes IFW	

### III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$510,000 Requested: \$150,000 Match:\$360,000
Engineering	: \$50,000 :
Army Corp Permit info	contacted
Costs over previous 10 years	\$2000
Construction year	July to oct of 2024
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-19, Greene

**DATE**: 12/13/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Main Street
Stream Name	Hooper Brook
Existing Culvert Size &	Open bottom box stone and concrete
Material	
Crossing Age	80+
Bankfull width and method	Measured, stats, and viewer, using 18 may be appropriate.
New Structure size & type.	Closed bottom concrete 18x6x35
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	no
Change in culvert capacity	
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Checked every month and cleaned every 6 months or sooner in beaver season
Cut-offs or detours	27/2/0 detoured 0.7 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	160-300

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-19, Greene

**DATE:** 12/13/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Measured 3up 3 down All measurements were within the crossing influence Longitudinal profile of stream beyond culvert influence included? TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	1.2 but no
Natural Bottom information; Banks within structure?	Natural bottom, no banks
New Structure considerations	
Barrier status, source	Not a barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW - The Upstream habitat does show the ability to sustain Wild Brook Trout in the waterway
Habitat Opened/Improved	???
Fish present, source of info	Yes, Brown Mullet, Fall Fish, Bass, Pickerel and White Suckers. No wild brook trout

#### III. Cost Efficiency and Effectiveness

iii. Oost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$510,000 Requested: \$150,000 Match: \$360,000
Engineering	: \$50,000 :
Army Corp Permit info	Contacted
Costs over previous 10 years	\$5,000
Construction year	July to sept 2024
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-20, Hartland

**DATE**: 12/13/2022

**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:**

Road name	Morrill Pond Road
Stream Name	Jordan Brook
Existing Culvert Size &	Circ. CMP x 2, 6',6'
Material	
Crossing Age	50+
Bankfull width and method	All
New Structure size & type.	Concrete Bridge 18x5x36, Clear span 20
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	3-5 years
Previous flooding or failure events, documentation, culvert condition, age	No, sink hole in road
Change in culvert capacity	Yes 5yr by HY8
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	75/2/0 detour 8 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	182 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-20, Hartland

**DATE:** 12/13/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: 4 down stream only Longitudinal profile of stream beyond culvert influence included? Yes
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Water depth each side of crossing is too deep to obtain samples due to beaver dam. Substrate is silty. Banks included.
New Structure considerations	
Barrier status, source	Viewer 16702
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW- "We have survey information from another location on Morrill Pond Outlet, not the Morrill Pond Road crossing. The species assemblage included: White sucker, Creek chub, American eel, Common shiner, Blacknose dace" – Jason Seiders
Habitat Opened/Improved	
Fish present, source of info	Yes American Eel

iii. Oost Emclericy and Enectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$320,000 Requested: \$150,000 Match: \$170,000
Engineering	\$20,000
Army Corp Permit info	contacted
Costs over previous 10 years	<500
Construction year	August to September 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-21, Knox

**DATE:** 12/13/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Shibles Road
Stream Name	Eliot Stream
Existing Culvert Size & Material	Open Bottom Arch CMP 11.8x4.5x41
iviateriai	
Crossing Age	68 years
Bankfull width and method	Measured, stats, and viewer used measured 19.4
New Structure size & type.	Concrete Bridge 24x5x28
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	No, Replacement of Riprap
Change in culvert capacity	
Design meets DOT 100-year flood standard	YES
Regularly obstruction or maintenance required	
Cut-offs or detours	30/3/0 detour 2.15- 6.7
Affected residents, business, affected critical infrastructure, other safety issues, traffic	203 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-21, Knox

**DATE:** 12/13/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

	II. Deficites to 1 isin & Whalife	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Measured 3 up 3 down Longitudinal profile of stream beyond culvert influence included? TBD	
1.2 x BFW or Tidal analysis sizing, considerations performed	yes	
Natural Bottom information; Banks within structure?	Pebble count and banks	
New Structure considerations		
Barrier status, source	Viewer 16502	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacte IFW high priority, Mary Galiger and Dwane Seiders	
Habitat Opened/Improved		
Fish present, source of info	Wild Brook Trout, black nosed Dace, slimy sculpin	

iii. Cost Emclency and Enectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$395,000 Requested: \$150,000 Match: \$245,000
Engineering	\$20,000
Army Corp Permit info	contacted
Costs over previous 10 years	7822
Construction year	July to sept 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-22, Levant

**DATE:** 12/13/2022

**EVALUATOR NAME: David 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:**

Road name	Horseback Road
Stream Name	Black Stream
Existing Culvert Size & Material	Closed bottom Arched CMP 16.5x9.1x66
Crossing Age	60+
Bankfull width and method	All used 22 for crossing
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Close bottom concrete box, 26'9"x9.5'x50

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	no
Change in culvert capacity	
Design meets DOT 100-year flood standard	Engineered design Plymouth engineering
Regularly obstruction or maintenance required	Annually due to beaver and debris
Cut-offs or detours	37/0/0 detoured 10 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	700 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-22, Levant

**DATE:** 12/13/2022

**EVALUATOR NAME: David Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: 5 up 3 down ???  Longitudinal profile of stream beyond culvert influence included? yes
1.2 x BFW or Tidal analysis sizing, considerations performed	??? Blaming bad measurements
Natural Bottom information; Banks within structure?	Yes no info
New Structure considerations	
Barrier status, source	Viewer 1582
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted with responses
Habitat Opened/Improved	
Fish present, source of info	Yes, wild brook trout alewives Salmon?? Viewer

III. Oost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$322,000 Requested: \$150,000 Match: \$172,000
Engineering	\$15,000
Army Corp Permit info	Contacted
Costs over previous 10 years	\$15,300
Construction year	July august 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-23, Lincolnville

**DATE:** 12/13/2022

**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:**

Road name	Townhouse Road
Stream Name	Unknown Trib to Meservey Brook
Existing Culvert Size & Material	Circ. CMP and Plastic, 42inch and 36 inch
Crossing Age	35years and unknown
Bankfull width and method	Measured, stats, and Viewer 10'
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Open bottom concrete box 12x6x40

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	The two most recent washouts occurred on April 8, 2022 and October 31, 2021, see pictures attached. For both events the roadway was closed for several days until emergency repairs could be made. Hole in top of structure.
Change in culvert capacity	
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	The crossing does not regularly become obstructed. As this location has been problematic we do monitor it regularly for potential debris obstruction
Cut-offs or detours	10/2/0 Detour 2.6 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	23-50

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-23, Lincolnville

**DATE:** 12/13/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

	II. Deficites to 1 isin & Wilding	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :	
1.2 x BFW or Tidal analysis sizing, considerations performed	yes	
Natural Bottom information; Banks within structure?	Pebble count with nat. bottom and banks	
New Structure considerations		
Barrier status, source	Viewer 14276	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No contact	
Habitat Opened/Improved		
Fish present, source of info	Yes, Personal observation and Maine Stream Habitat Viewer. Wild brook trout	

III. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$450,000 Requested: \$150,000 Match: \$300,000
Engineering	\$25.500
Army Corp Permit info	contacted
Costs over previous 10 years	Estimated \$10,000
Construction year	July to sept 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-24, Manchester

**DATE**: 12/13/2022

**EVALUATOR NAME: David Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Prescott Road
Stream Name	Tanning Brook
Existing Culvert Size &	Circ. CMP x 2, 42 and 42
Material	
Crossing Age	50-60
Bankfull width and method	Measured Average is 13' used 9.37 sizing using 12
New Structure size & type.	Open bottom box concrete 12x4x88
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	no
Change in culvert capacity	
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	1 to2 detoured 5.5 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	1100 trips a day

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-24, Manchester

**DATE:** 12/13/2022

**EVALUATOR NAME: David Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

II. Delicits to 1 isii & W	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes (???)
Natural Bottom information; Banks within structure?	Pebble count and banks
New Structure considerations	
Barrier status, source	Viewer ???
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Trout unlimited
Habitat Opened/Improved	
Fish present, source of info	IFW, Yes wild brook trout creek cub, black nose dace fathead minnows pumpkin seed sunfish Wes Ashe

III. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$300,000 Requested:\$150,000 Match: \$150,000
Engineering	\$40,000
Army Corp Permit info	contacted
Costs over previous 10 years	none
Construction year	July to Oct 2024
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-25, Mercer

**DATE**: 12/13/2022

**EVALUATOR NAME: Dave 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:**

Road name	Pond Road
Stream Name	Pattee Brook
Existing Culvert Size & Material	Circ. CMP/Plastic x3 5 and 5 cmp 5 plastic
Crossing Age	20/20/10
Bankfull width and method	All used 22.3
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	concrete bridge 30'x5'x28'

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Most recent was 2019 but probably 3 times total. One metal culvert is rusting out at the bottom; the plastic culvert is splitting down the entire length of it.
Change in culvert capacity	
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Every spring and fall, beavers damming culverts
Cut-offs or detours	30/1/0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	120 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-25, Mercer

**DATE:** 12/13/2022

**EVALUATOR NAME:** Dave Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: 3 up 2 downwith in the influence??  Longitudinal profile of stream beyond culvert influence included? TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Yes pebble count with banks
New Structure considerations	
Barrier status, source	Viewer 25174
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted
Habitat Opened/Improved	
Fish present, source of info	Wild brook trout are known to be present in the stream (C. Baeder, 7 Lakes Alliance).

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$420,000 Requested: \$150,000 Match: \$270,000
Engineering	: \$20,000 :
Army Corp Permit info	contacted
Costs over previous 10 years	11-13000
Construction year	Aug to sept 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-26, Mexico

**DATE:** 12/13/2022

**EVALUATOR NAME: Dave Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Thompson Hill Road
Stream Name	Unnamed Stream trib to the Swift River.
Existing Culvert Size & Material	Open Bottom Box Wooden
Crossing Age	50+
Bankfull width and method	Measured, stats, and viewer 9.5 using 12
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Closed bottom concrete box 12x6x40

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	no
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	The crossing gets obstructed with debris on a regular basis and is cleaned each spring.
Cut-offs or detours	1/2/1 cut off The public water supply reservoir for the Town of Mexico is considered critical infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	39 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-26, Mexico

**DATE:** 12/31/22

**EVALUATOR NAME:** Dave Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:3 up 3 down Longitudinal profile of stream beyond culvert influence included? Yes
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Natural w/ pebble count, no banks
New Structure considerations	
Barrier status, source	Visual?? Maybe???
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	MDIFW noted that this stream is relatively cold compared to other similar streams in the area and may provide brook trout habitat in favorable conditions. This stream is a direct tributary to the Swift River, which is stocked with trout annually.
Habitat Opened/Improved	??
Fish present, source of info	Yes, one species

III. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$371,000 Requested: \$150,000 Match: \$221,000
Engineering	\$15,000
Army Corp Permit info	Contacted
Costs over previous 10 years	\$8,500
Construction year	July to Sept 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-27, Monmouth

**DATE**: 12/15/2022

**EVALUATOR NAME: David Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Wilson Pond Road
Stream Name	Bog Brook
Existing Culvert Size &	Circular Plastic 60" The crossing floods frequently and the Town is
Material	required to work at this site on a regular basis.
Crossing Age	22 years
Bankfull width and method	Measured viewer and stats, 17.2' using 21'
New Structure size & type.	Closed bottom concrete box 21x6x40
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	Approximately 3 times
Change in culvert capacity	
Design meets DOT 100-year flood standard	Yes Engineered design
Regularly obstruction or maintenance required	4-6 times per year Beaver blockages due to the small culvert size increases the number of maintenance trips to this site.
Cut-offs or detours	4/1/0 cut off campground
Affected residents, business, affected critical infrastructure, other safety issues, traffic	2456 trips

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-27, Monmouth

**DATE:** 12/15/2022

**EVALUATOR NAME:** David Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Natural bottom by pebble count and banks
New Structure considerations	
Barrier status, source	Not listed
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Wes Ashe, Fisheries Biologist for MDIFW surveyed the site on 8/30/2022. Electrofishing collected two fish species (brown bullhead and pumpkinseed sunfish), and they believe this brook and road would definitely benefit from a larger culvert. (see Exhibit 7)
Habitat Opened/Improved	
Fish present, source of info	Yes IFW

III. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$370,000 Requested: \$150,000 Match: \$220,000
Engineering	\$15,000
Army Corp Permit info	contacted
Costs over previous 10 years	\$11,000
Construction year	July to Sept 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-28, Nobleboro

**DATE**: 12/15/2022

**EVALUATOR NAME: David Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Bayview Road
Stream Name	Unnamed Stream to Great Salt Bay
Existing Culvert Size & Material	Circ Plastic 4'
Crossing Age	5
Bankfull width and method	Measured, stats, and viewer 9.21 used 11
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Open bottom smooth aluminum arch 12x4'3"x60

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No, The current culvert has several significant cracks within the pipe and is experiencing vertical deflection. At the inlet, the pipe has deflected about 6" due to the weight of the rocks above it.
Change in culvert capacity	
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	The crossing has been obstructed several times, usually after railroad maintenance has been completed and debris gets into the stream.
Cut-offs or detours	135/3/0 detoured 4.5 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	1000 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-28, Nobleboro

**DATE:** 12/15/2022

**EVALUATOR NAME: David Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? yes
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Natural by pebble count and banks
New Structure considerations	
Barrier status, source	Viewer 14133
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	The Nature Conservancy's Coastal Resilience Map indicates that the crossing is a medium priority for Coastal Anadromous and ESA Salmon, and a high priority for Shad / Blueback Herring. The Maine Stream Habitat Viewer Map also indicates that the crossing is a barrier inhibiting fish and wildlife passage.
Habitat Opened/Improved	
Fish present, source of info	Yes, Sea-run rainbow smelt

III. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$503,000 Requested: \$150,000 Match: \$353,000
Engineering	\$10,000
Army Corp Permit info	contacted
Costs over previous 10 years	\$0
Construction year	July to Sept 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-29, Peru

**DATE**: 12/15/2022

**EVALUATOR NAME: David Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	Dickvale Road
Stream Name	Unnamed trib to Spears Stream
Existing Culvert Size & Material	Open bottom concrete box 6x4.25x23
Crossing Age	72+
Bankfull width and method	Measured, stats, and viewer
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Open bottom concrete box 12x4'10"x28

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	A few times due to debris or during high rain events
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	A couple times a year
Cut-offs or detours	80/6/0 detoured 6.5
Affected residents, business, affected critical infrastructure, other safety issues, traffic	679 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-29, Peru

**DATE:** 12/15/2022

**EVALUATOR NAME:** David Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Delicits to 1 ish a 11	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Nat bottom by pebble count and banks
New Structure considerations	
Barrier status, source	23140 – Note this is not currently available to view. All the information we have from last year's application and from emails with Alex Abbot
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No specific information was given from MDMR or MDIFW for this crossing in terms of importance but using the Barrier Prioritization Tool created by the Nature Conservancy this crossing ranks in the top 500 in the state for Island Brook Trout.
Habitat Opened/Improved	
Fish present, source of info	Yes wild brook trout

Total Project Cost; Total Match; % Match proposed	Total: \$188,000 Requested: \$150,000 Match: \$38,000
Engineering	\$10,000
Army Corp Permit info	contacted
Costs over previous 10 years	0
Construction year	July to august 2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-30, Richmond 1

**DATE:** 12/15/22

**EVALUATOR NAME: Dave 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:**

Road name	Brown Road
Stream Name	Unnamed trib. to the Abagadasset River
Existing Culvert Size &	Circ. CMP 72 inches
Material	
Crossing Age	50+
Bankfull width and method	All 14.8' using 18'
New Structure size & type.	Closed bottom Concrete Box 18x8x45
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	no
Change in culvert capacity	Yes
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Twice a year (every Spring and Fall).
Cut-offs or detours	64/3/0 detoured 4.7 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	257 trips

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-30, Richmond 1

DATE: 12/15/22 EVALUATOR NAME: (Dave Waddell EVALUATOR DEPARTMENT: Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Pebble count, no banks
New Structure considerations	
Barrier status, source	The perched culvert outlet creates a barrier to fish passage.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	MDIFW surveyed the site and collected a number of fish species.
Habitat Opened/Improved	
Fish present, source of info	MDIFW surveyed the site and collected a number of fish species.

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$397,000 Requested: \$150,000 Match: \$247,000
Engineering	\$15,000
Army Corp Permit info	contacted
Costs over previous 10 years	Some not defined.
Construction year	July to sept 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-31, Richmond 2

**DATE:** 12/15/22)

**EVALUATOR NAME: Dave Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Lincoln Street
Stream Name	Unnamed trib. to Mill brook and the Kennebec
Existing Culvert Size & Material	Circ. Pipe x 3, 36"plastic, and 2, 48 inch CMP
Crossing Age	20-50
Bankfull width and method	Measured, stats, viewer using 14.8
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Closed bottom concrete Box, 18x8x50

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	The culverts were constantly washing out and flooding prior to 2016. The Town was forced to raise and pave the road and sleeve two of the culverts to maintain the integrity of the crossing.
Change in culvert capacity	
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	The culverts have to be monitored closely as they regularly are clogged with debris throughout the year.
Cut-offs or detours	56/0/1 Detour 6.3 miles, solid waste transfer station
Affected residents, business, affected critical infrastructure, other safety issues, traffic	272 trips

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-31, Richmond 2

DATE: 12/15/22 EVALUATOR NAME: Dave Waddell EVALUATOR DEPARTMENT: Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? yes
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Pebble count, no banks
New Structure considerations	
Barrier status, source	Viewer 15909
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Wes Ashe, Fisheries Biologist with MDIFW, surveyed the site and collected 3 fish species.
Habitat Opened/Improved	
Fish present, source of info	Wes Ashe, Fisheries Biologist with MDIFW, surveyed the site and collected 3 fish species.

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$424,000 Requested: \$150,000 Match: \$274,000
Engineering	\$15,000
Army Corp Permit info	contacted
Costs over previous 10 years	\$31,000
Construction year	July to Oct 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-32, Rockland

**DATE:** 12/8/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Bog Road
Stream Name	Branch Brook
Existing Culvert Size & Material	Circular CMP 66"
Crossing Age	40-50
Bankfull width and method	Measurements, stats and viewer 10.8 ft
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Open Bottom Arch CMP 14x8-10x 55

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No flooding but damage. Partiual washout
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	No, but needs cleaning
Cut-offs or detours	15/0/0/ cutoff
Affected residents, business, affected critical infrastructure, other safety issues, traffic	106 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-32, Rockland

**DATE:** 12/8/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

	ii. Benents to Fish & Whalie	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: measured 5 up and 5 down Longitudinal profile of stream beyond culvert influence included?:	
1.2 x BFW or Tidal analysis sizing, considerations performed	yes	
Natural Bottom information; Banks within structure?	Pebble count with banks.	
New Structure considerations		
Barrier status, source	4391	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted, Seiders and Clark	
Habitat Opened/Improved		
Fish present, source of info	no	

## III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$425,000 Requested: \$150,000 Match: \$285,000
Engineering	: \$27000 :
Army Corp Permit info	During design
Costs over previous 10 years	\$1500
Construction year	July to September 2024
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-33, Rumford

**DATE:** 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Isthmus Road
Stream Name	Scotty Brook
Existing Culvert Size &	Circular CMP 60"
Material	
Crossing Age	50+ years
Bankfull width and method	Measured and Stats
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Closed bottom concrete box 18x8x65

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	Overtopped 11 years ago, photos 3 of 6 a gravity sanitary sewer crosses above the existing culvert
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	yes
Cut-offs or detours	33/1/0 Detoured 8.4 miles Black Mountain of Maine, which is the 4th tallest operating ski resort in Maine.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	371 Trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-33, Rumford

**DATE:2/12/2022** 

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: 3 up and 3 down Longitudinal profile of stream beyond culvert influence included? YES
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Natural bottom w/ pebble count and banks
New Structure considerations	
Barrier status, source	Alex Abbott, Stream Restoration Specialist with USFWS said the existing structure is set at an inappropriately high elevation, presents a barrier to aquatic organism passage, and provides insufficient capacity for flood flows.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Dave Boucher, IFW: the most important spawning and nursery tributary to the Swift River.
Habitat Opened/Improved	????
Fish present, source of info	PHOTOS!! IFW says 10 species Wild Brook Trout, fascinating historical data on fish counts.

## **III. Cost Efficiency and Effectiveness**

m. Oost Emelency and Enectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$467,000 Requested: \$150,000 Match: \$317,000
Engineering	: : \$15,000
Army Corp Permit info	
Costs over previous 10 years	\$26,327 from FEMA
Construction year	July to September 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE:** 12/12/2022

**EVALUATOR NAME: David A. Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Scraggly Lake Road
Stream Name	Sawtelle Brook
Existing Culvert Size & Material	Circular Plastic 24 inch pipe
Crossing Age	1yr
Bankfull width and method	Measured
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Opened Bottom Box ?x?x45

Estimated time to failure	< 1year
Previous flooding or failure events, documentation, culvert condition, age	Over topped 2022
Change in culvert capacity	
Design meets DOT 100-year flood standard	Final plans stamped
Regularly obstruction or maintenance required	Debris, No
Cut-offs or detours	46/6/1 cut off
Affected residents, business, affected critical infrastructure, other safety issues, traffic	one critical no info, mostly camps

**RFP #**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE:** 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew	Bankfull width method: Measured 3 up Longitudinal profile of stream beyond culvert influence included?:
matches stream, longitudinal profile?	
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Yes, no information
New Structure considerations	
Barrier status, source	IFW complaint
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	
Habitat Opened/Improved	4miles +
Fish present, source of info	No

### III. Cost Efficiency and Effectiveness

iii. Oost Emclency and Enectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$74,700 Requested: \$44,700 Match: \$30,000
Engineering	: \$9,500 :
Army Corp Permit info	Will be contacted
Costs over previous 10 years	\$3218
Construction year	July 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	Low costs, Unsure if they have thought of all of the issues.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-36, Topsham

**DATE**: 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Tedford Road
Stream Name	Unknown
Existing Culvert Size & Material	Circular CMP x2 36" and 24"
Crossing Age	25+
Bankfull width and method	All
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Closed bottom box concrete 12x6x56

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No flooding but debris re3moval 2-3 times a year. One of the 36" culverts were lined with a 24" plasticculvert approximately 12 years ago due to the existingculvert falling. The inlet was blocked 15 to 18 years ago which caused flooding in the road and required pumping and maintenance from the Fire Department to mitigate the risk of failure of the crossing.
Change in culvert capacity	
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	See above
Cut-offs or detours	?/0/1 detour 2.6 miles, new development which will increase traffic
Affected residents, business, affected critical infrastructure, other safety issues, traffic	135 estimated currently.

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-36, Topsham

**DATE:** 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

= 00 10 1 10 0. 11	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Native Bed from construction
New Structure considerations	
Barrier status, source	Viewer 15961
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted no response
Habitat Opened/Improved	The crossing should be a priority for restoration because the crossing is acting as a dam, causing the impoundment of water upstream. Replacement of the crossing would eliminate a current barrier and would allow connectivity to the Cathance River which has mapped Atlantic Salmon, Alewife, Sea-Run Rainbow Smelt, and Brook Trout habitat.
Fish present, source of info	No fish

III. COST ETHICIETICS att	III. Cost Eπiciency and Eπectiveness	
Total Project Cost;	Total: \$872,000	
Total Match;	Requested: \$150,000	
% Match proposed	Match: ???	
Facinosvino	\$62,000	
Engineering		
Army Corp Permit info	Will contact	
Costs over previous 10 years	\$75000	
Construction year	April-Sept 2023	
Feasibility for success;	Costs seem very off	
Additional efficiencies;		
Design concerns or		
clarification required		

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-37, Troy

**DATE:** 12/12/2022

**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:**

Road name	Bog Road
Stream Name	Unnamed, potentially part of Carlton Pond
Existing Culvert Size &	Circular CMP 6.2 feet(?)
Material	
Crossing Age	26+
Bankfull width and method	Measured, stats, and viewer (?)
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete Bridge 17x6x36 clear span 13

Estimated time to failure	<1 year
Previous flooding or failure events, documentation, culvert condition, age	No, repaired in 2022 with sheetmetal
Change in culvert capacity	
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Weekly or monthly. Beavers like to partially block the culvert.
Cut-offs or detours	16 detoured 1.1 to 0.4 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	124

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-37, Troy

**DATE: 12/12/2022** 

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	The full bankfull width at this site could be considered to be 300', hich is untenable. However, the Maine Stream Habitat Viewer and stream Stats estimate bankfull width at 11.8 and 12 feet, respectively.
Natural Bottom information; Banks within structure?	Sort of silty bed
New Structure considerations	
Barrier status, source	Viewer 16631
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No contact but contact in the past
Habitat Opened/Improved	
Fish present, source of info	This is a warm water fishery. The Maine Natural Areas Program, Beginning with Habitat Program, lists Carlton Pond as a "Focus Area of Statewide Ecological Significance". It lists the predominant fish as "brown bullhead, largemouth bass, chain pickerel and yellow perch". Bald Eagles, ospreys, and great blue herons frequent the site to consume the fish. State listed black terns nest on the fen vegetation in the pond and feed small fish they catch in the stream and the pond to their nestlings.  https://www.maine.gov/dacf/mnap/focusarea/carlton_pond_north_focus_area.pdf.

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$60,000 Requested: \$40,000 Match: \$20,000
Engineering	\$10,000
Army Corp Permit info	Contacted
Costs over previous 10 years	\$2,000
Construction year	August 2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-38, Waldoboro

**DATE:** 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Elm Street
Stream Name	Orffs Brook, trib to Medomak River
Existing Culvert Size & Material	Open bottom concrete Box 7x7x22
Crossing Age	45 years
Bankfull width and method	measured
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Open Bottom Concrete Box 10x10x40

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	No flooding, no debris
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	3/0/1 cut off
Affected residents, business, affected critical infrastructure, other safety issues, traffic	10

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-38, Waldoboro

**DATE:** 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Deficite to Fight & Whalie	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:3 up 3 down Longitudinal profile of stream beyond culvert influence included? :TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, but not met measured average is 15.54. used 9.47' 10 foot structure
Natural Bottom information; Banks within structure?	Pebble count and banks
New Structure considerations	
Barrier status, source	Viewer 14205
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Comments from both. Jason Seiders support letter.
Habitat Opened/Improved	
Fish present, source of info	Yes wild brook trout and alewives, searun rainbow smelt

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$210,000 or <mark>\$226,200</mark> Requested: \$150,000 Match: \$60,000
Engineering	: \$12,600 :
Army Corp Permit info	Contacted
Costs over previous 10 years	
Construction year	Juyly to September 2024
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-39, Wales

**DATE**: 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	East Road
Stream Name	Jock Stream
Existing Culvert Size & Material	Open Bottom Box Concrete 6x8'2"x23.5
Crossing Age	80+
Bankfull width and method	Measured stats and Viewer, 12.2
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Open bottom arch CMP 15x6'7"x45

Estimated time to failure	10+
Previous flooding or failure events, documentation, culvert condition, age	no
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	6-8 times a year, mostly from beaver dams.
Cut-offs or detours	4 mile detour No information on what
Affected residents, business, affected critical infrastructure, other safety issues, traffic	300-350

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-39, Wales

**DATE:** 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Deficitio to Figure 44	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Pebble count and banks
New Structure considerations	
Barrier status, source	Viewer 16093
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Information attached
Habitat Opened/Improved	
Fish present, source of info	Yes wild brook trout, Black Back herring, American eels

## **III. Cost Efficiency and Effectiveness**

Total Project Cost; Total Match; % Match proposed	Total: \$306,500 Requested: \$150,000 Match: \$156,500
Engineering	: \$27,000 :
Army Corp Permit info	contacted
Costs over previous 10 years	3-5000
Construction year	August -sept 2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-40, Warren

**DATE**: 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Beechwood Street,
Stream Name	West Branch Oyster River aka Peabody Brook
Existing Culvert Size & Material	Closed bottom arch (pipe arch) CMP 10.8x7.25x 83
Crossing Age	52
Bankfull width and method	Measured stats and viewer, using 17
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Closed bottom box concrete 21x21x83 ?????

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No
Change in culvert capacity	
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	?/?/?
Affected residents, business, affected critical infrastructure, other safety issues, traffic	1059 Beechwood Street is a local road connecting Route 90 to US Route 1. The Crossing is located on the northern third of that section. Countless residences and businesses utilize this section of road. Depending on the location of the residence the detour could be several miles

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-40, Warren

**DATE:** 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Beliefite to Fight & Wilding	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? Yes / TBD??
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Yes no banks no idea how they will size material
New Structure considerations	
Barrier status, source	Viewer 4486
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Letters IFW
Habitat Opened/Improved	???
Fish present, source of info	Yes, american eels, Common Shiner, White sucker, Blacknose dace, Creek chub

Total Project Cost; Total Match; % Match proposed	Total: \$600,000 Requested:\$150,000 Match: \$450,000
Engineering	: \$30,000 :
Army Corp Permit info	contacted
Costs over previous 10 years	0
Construction year	July – sept 2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-41, Wells 1

**DATE**: 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

## I. Public Infrastructure Information/Public Safety

Road name	Newhall Road
Stream Name	Green Brook
Existing Culvert Size & Material	Open bottom Box stone 5.4x5.8x20
Crossing Age	Unknown
Bankfull width and method	Measured 11.7
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Bridge Concrete 25x5x20

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	The structure was overtopped during the May 2006 Mother's Day storm May 2020, flooding caused a top granite beam to crack. A temporary bridge with crane mats and jersey barrier was placed atop the existing structure. The bridge was closed to trucks for approximately 2 months. Repair costs were approximately \$45,000.
Change in culvert capacity	
Design meets DOT 100-year flood standard	Engineer will size Dubois & King
Regularly obstruction or maintenance required	Occasionally
Cut-offs or detours	1/1/0 Cut off
Affected residents, business, affected critical infrastructure, other safety issues, traffic	173 This is an area that is popular with local fishermen. This crossing provides access for them. In addition, the public uses this road to access a nature trail along the river.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-41, Wells 1

**DATE:** 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Yes but no information on how will have banks
New Structure considerations	
Barrier status, source	Viewer 55235
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	James Pellerin, Regional Fisheries Biologist, stated that the presence of wild brook trout and American Eels certainly elevates the priority of culvert replacement.
Habitat Opened/Improved	
Fish present, source of info	Yes wild brook trout, American Eels

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$317,000 Requested: \$150,000 Match: TBD
Engineering	: \$32,000 :
Army Corp Permit info	contacted
Costs over previous 10 years	The 2020 emergency repair cost \$45,000 for construction costs plus engineering fees, and costs incurred by the DPW to close the road.
Construction year	Spring to fall 2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-42, Wells 2

**DATE**: 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	Coles Hill Road
Stream Name	Merriland River
Existing Culvert Size &	Open Bottom Arch CMP 16x12.2
Material	
Crossing Age	25 years
Bankfull width and method	Measured 3 up and down 49 ft
New Structure size & type.	Steel Bridge with Concrete Abutments 61x12x32 59 clear span
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	n May 2006, the preexisting culvert failed during the "Mother's Day Storm" event, the previous culvert washed out. The existing structure was supposed to be a temporary fix
Change in culvert capacity	
Design meets DOT 100-year flood standard	Other Engineered design
Regularly obstruction or maintenance required	Just occasionally, during dry spells
Cut-offs or detours	25/1/0 detour 7-10 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	683 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-42, Wells 2

**DATE: 12/12/2022** 

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Bankfull width method: measured 3 up and 3 down Longitudinal profile of stream beyond culvert influence included? TBD
yes
Yes w/ banks The existing streambed is comprised of exposed ledge in several places. The intention is to maintain this condition.
Viewer 11701
See comments.
James Pellerin, Regional Fisheries Biologist, stated that the presence of wild brook trout and American Eels certainly elevates the priority of culvert replacement. Also, the Merriland River is Stocked annually by MDIFW with Brook Trout and Brown Trout

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$1,500,000
Total Match;	Requested: \$150,000
% Match proposed	Match: TBD
Factoria	\$150,000
Engineering	
Army Corp Permit info	contacted
Costs over previous 10 years	Over \$50,000
Construction year	April to October 2024
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-43, Whitefield

**DATE**: 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	S. Hunts Meadow Road.
Stream Name	Unnamed stream Outlet of Joy Pond
Existing Culvert Size & Material	Circ. CMP 4 feet
Crossing Age	unknown
Bankfull width and method	Viewer Stats and HY-8
New Structure size & type.	Open bottom box concrete 17.8x4.5x28
Contacted DOT Bridge Program if 20 or greater?	

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	Yes 4 times since 2021
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Yes multiple times a year
Cut-offs or detours	63/3/0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	289 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-43, Whitefield

**DATE:** 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? : Attached
1.2 x BFW or Tidal analysis sizing, considerations performed	See VII d. Alex Abbott explains
Natural Bottom information; Banks within structure?	Other method see VII c. Alex Abbott explains
New Structure considerations	
Barrier status, source	Viewer 15998
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW moderate to low priority, DMR contacted American eel
Habitat Opened/Improved	
Fish present, source of info	Yes other diadromous fish

### III. Cost Efficiency and Effectiveness

iii. Oost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$186,258 Requested: \$146,000 Match: \$40,256
Engineering	: \$19,000 :
Army Corp Permit info	Contacted
Costs over previous 10 years	\$975
Construction year	July to Sept 2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-44, Winslow

DATE: 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	North Pond Road
Stream Name	Farber Brook
Existing Culvert Size &	Circ CMP 6.6'
Material	
Crossing Age	40+
Bankfull width and method	All 19.2
New Structure size & type.	24x8x42 concrete bridge
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	No and No, bottom appears to be gone
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	70/0/0 detoured 5.1 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	654 trips

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-44, Winslow

DATE: 12/12/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: all 3up and 3 down Longitudinal profile of stream beyond culvert influence included? attached
1.2 x BFW or Tidal analysis sizing, considerations performed	yes
Natural Bottom information; Banks within structure?	Yes pebbles count and banks
New Structure considerations	
Barrier status, source	Viewer 16306
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No info provided
Habitat Opened/Improved	??
Fish present, source of info	Yes ????

Total Project Cost; Total Match; % Match proposed	Total: \$420,000 Requested: \$150,000 Match: \$270,000
Engineering	: \$20,000 :
Army Corp Permit info	contacted
Costs over previous 10 years	< 1000
Construction year	July to sept 2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-46 Woolwich

**DATE:** 12/15/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Murphy's Corner Rd
Stream Name	Unnamed stream Trib to Back River/Brookings Bay
Existing Culvert Size & Material	Circular CMP 5'
Crossing Age	68 years
Bankfull width and method	Measured, stats, and viewer10.8'
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Open bottom arch smooth metal 14x9.75x48

Estimated time to failure	10+
Previous flooding or failure events, documentation, culvert condition, age	No, The current culvert has been in service for over 60 years and doesn't show any indication of structural deficiency.
Change in culvert capacity	
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Occasionally blocked with debris
Cut-offs or detours	90/0/0 detoured 7.9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	240

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-46 Woolwich

**DATE: 12/15/2022** 

**EVALUATOR NAME: David A. Waddell** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? Done / attached
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Pebble count and banks
New Structure considerations	
Barrier status, source	Viewer 15939
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	The Nature Conservancy's Coastal Resilience Map indicates that the crossing is a medium priority for Coastal Anadromous and a high priority for Shad / Blueback Herring and ESA Salmon. The Maine Stream Habitat Viewer Map also indicates that the crossing is a barrier inhibiting fish and wildlife passage. Agencies contacted
Habitat Opened/Improved	Somw support from agencies (Wes Ashe) and TNC
Fish present, source of info	No, Per a site survey by MDIFW Fishery Biologists on 11/7/2022, electrofishing was unable to collect any fish samples. The downstream habitat appears to be sufficient for fish life, but only frogs and salamanders were present.

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$186,000 Requested: \$150,000 Match: \$36,000
Engineering	\$10,000
Army Corp Permit info	contacted
Costs over previous 10 years	\$0
Construction year	July – Sept 2023
Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-46 Woolwich

**DATE**: 12/15/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	George Wright Road
Stream Name	Back River Creek
Existing Culvert Size & Material	Closed Bottom Box Concrete 10x4x45
Crossing Age	88'
Bankfull width and method	Viewer and stats
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Removal 115' wide

Estimated time to failure	5 -10
Previous flooding or failure events, documentation, culvert condition, age	two to five times a year, over topping occurs to the west of the actually crossing
Change in culvert capacity	yes
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	yes
Cut-offs or detours	0/0/1 cut off, detoured too, 2.1 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	513

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-46 Woolwich

**DATE:** 12/15/2022

**EVALUATOR NAME:** David A. Waddell

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Longitudinal profile is complete and attached with application
1.2 x BFW or Tidal analysis sizing, considerations performed	This crossing was assessed using different metrics because it is a tidal crossing site. The channel opening size will be almost 10 times larger than the calculated bankfull width that was based on the size of the upstream watershed.
Natural Bottom information; Banks within structure?	Bates College completed an analysis of sediment composition at the site. Two samples were collected in the upstream channel, and one was collected in the downstream channel.
New Structure considerations	
Barrier status, source	Viewer 16065
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	positive
Habitat Opened/Improved	
Fish present, source of info	Alewives (sea run) Blueback herring American eels Sea-run rainbow smelt other diadromous (sea-run) species (list): Shortnose sturgeon, tomcod, white perch, striped bass, American shad

iii. Cost Emclericy and Enectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$1,435,200 Requested: \$150,000 Match: \$1,275,200
Engineering	\$25,000
Army Corp Permit info	contacted
Costs over previous 10 years	3-5000 ???
Construction year	2025
Feasibility for success; Additional efficiencies; Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-1, Albany Twp (Oxford Co)

**DATE: 12/5/22** 

**EVALUATOR NAME:** James Stahlnecker

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Patte Brook Rd
Stream Name	Walker Brook (Crooked R. drainage to Sebago Lake)
Existing Culvert Size & Material	2 x 48" CMP, no substrate in culverts
Crossing Age	22 years
Bankfull width and method	10.3 ft measured average, US & DS, completed
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Closed bottom box, concrete; 13' wide 5' high, 45' under road length.

Estimated time to failure	3-5 yrs.,
Previous flooding or failure events, documentation, culvert condition, age	Requires cleaning, 12/2020 erosion, overtopping, flooding 3 times/10 yrs., perched culverts prevent fish passage
Change in culvert capacity	Large increase, 1.2 BFW achieved.
Design meets DOT 100-year flood standard	
Regularly obstruction or maintenance required	Requires cleaning.
Cut-offs or detours	12 homes detoured, 1.65 mi., no cut-off.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	116 cars/day;

**RFP #**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-1, Albany Twp (Oxford Co)

**DATE: 12/5/22** 

**EVALUATOR NAME:** James Stahlnecker

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?
1.2 x BFW or Tidal analysis sizing, considerations performed	Will be 1.2 BFW.
Natural Bottom information; Banks within structure?	Yes, set below grade to allow natural bottom inside box.
New Structure considerations	Current scour pool and DS sedimentation will be resolved.
Barrier status, source	Perched culverts prevent passage (app.)
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	3.7 mi opened, good amount; existing is perched twin culverts, poor low flow passage, J. Pellerin/IFW priority drainage and two CW fish species usage for spawning, trib to Crooked River/Sebago L
Habitat Opened/Improved	3.7 mi opened, good amount
Fish present, source of info	BKT high priority spawning habitat, LLS also via J. Pellerin

### III. Cost Efficiency and Effectiveness

Total Project Cost;	Total: \$150k???
Total Match;	Requested:
% Match proposed	Match: committed county funds
Engineering	Pine Tree Engineering project, long. cross section in plans,
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	Not noted other than spring, fall 7 storm debris plugging noted with
	cleanout.
Construction year	2023
Feasibility for success;	4 sided CB, have plans for project, 7' rise on design plans but
Additional efficiencies;	embedded two feet makes height access a bit tough but do-able.
Design concerns or	
clarification required	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-2, Bath

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Anchor Road
Stream Name	Whiskeag Creek, flows to Kennebec R.
Existing Culvert Size & Material	78" CMP, 36' L under road
Crossing Age	>25 yrs.
Bankfull width and method	88'? measured average, US & DS, completed. No slope completed.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Proposed complete removal of structure. Restoration of stream bed and banks to natural state.

Estimated time to failure	<1 yr.
Previous flooding or failure events, documentation, culvert condition, age	10/2021 partial failure & washout, also 11/2021 complete failure a month later, bottom rusted through, and segments shifted.
Change in culvert capacity	Removal to open, restored streambed.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Sink holes, water main (12") repair required, culvert bottom rusted through. Regular debris removal. Headwall reset and filter fabric on embankments.
Cut-offs or detours	Primary impact is 12" water line, road is not used for travel of vehicles.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Water line services industrial park & school.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-2, Bath

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, removal of structure.
Natural Bottom information; Banks within structure?	Removal.
New Structure considerations	None, removal is positive outcome.
Barrier status, source	Not MSHV, unknown how bad passage is due to poor condition, rust out & sedimentation.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	DMR river herring, eels, but barriers DS to migration; benefit later if DS barriers are removed allowing passage; full removal is a benefit. IFW little interest for CW freshwater fishery. Drainage DS is Beginning with Habitat Focus area.
Habitat Opened/Improved	0.28 mi. opened, 0.51 DS, appears to be backwater DS due to barrier at DS road crossing. Probably no current smelt access.
Fish present, source of info	Modelled ATS habitat, rainbow smelt active habitat, tidal marshes downstream in drainage.

## III. Cost Efficiency and Effectiveness

iii. Oost Ellicioney and Elicotiveness	
Total Project Cost;	Total: \$533k?, added line items.
Total Match;	Requested: \$150k
% Match proposed	Match: \$333k city funds but not committed at present
Factorial	: ??
Engineering	: Wright-Pierce, retained to complete plans.
Army Corp Permit info	Corps has been contacted & supports removal.
Costs over previous 10 years	\$45k over ten years.
Construction year	2023

Rev. 2/4/2020

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-2, Bath

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	No design at present for '23 season, plus required bids, permitting, etc?
Additional efficiencies;	Water main issue, plus large budget item for city.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-3, Bridgton

**DATE: 12/5/22** 

**EVALUATOR NAME: J. 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:**

Road name	Wildwood Road
Stream Name	Sucker Brook drains to Woods Pond
Existing Culvert Size & Material	6' circular concrete pipe, 25' L under road
Crossing Age	60 yrs.
Bankfull width and method	14' measured average
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	17' x 5' x25' long CBB, concrete,

Estimated time to failure	1-3 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Flooding, flooding damage, debris cleanup, rebar showing, washout of backfill, granite slab and boulders being undermined.
Change in culvert capacity	Does not meet BFW currently but will go to 1.2 BFW.
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Cleaning debris required
Cut-offs or detours	8 cutoffs, one business, 1 critical infrastructure, 260 cars/day count.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Camp Wildwood, 200 bed sleep over camp cut off, DEP treatment plant for camp cut off too, requires daily access.

**RFP#**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-3, Bridgton

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: 14', US & DS measurements, Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	Will meet 1.2 BFW.
Natural Bottom information; Banks within structure?	Embedded. Closed bottom with backfilled natural bottom.
New Structure considerations	Will remove 20' x 27' scour pool,
Barrier status, source	Potential barrier at times, 0.42' perched outlet,
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW limited inland fishery resources, hanging culvert at present so good passage improvement & current large scour pool; letter from Becca Settele IFW wildlife; no DMR diadromous interest (Casey Clark), erosion site in watershed survey,
Habitat Opened/Improved	2.14 mi. from stream viewer, reported 5.66 mi. on app.; somewhere in between those two? Good amount opened.
Fish present, source of info	Wild BKT from Cumberland County trout study,

III. Cost Efficiency and Effectiveness

Total Project Cost;	Total: \$255k added line items.
Total Match;	Requested: \$150k
% Match proposed	Match: \$105k
F	: Woodard & Curran, B Bridges.
Engineering	:
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	\$6.5k.
Construction year	2023
Feasibility for success;	17' CBB, good long. profile, some field work done, design work left to
Additional efficiencies;	do, match is from a capital projects reserve fund,
Design concerns or	
clarification required	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-4, Brooklin

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Hale's Hill Road
Stream Name	Meadow Brook, DS to Salt Pond and Blue Hill Bay
Existing Culvert Size & Material	8.5 ft. span, 5' clearance, 20' L
Crossing Age	50+ yrs.
Bankfull width and method	12' stream stats, US measured but not DS widths, tidal at structure.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	15' proposed width, 6' H x 28" L.

Estimated time to failure	5-10 yrs.
Previous flooding or failure	Tidal, salt water, not flooded or overtopped.
events, documentation, culvert condition, age	
curvert condition, age	Harmada ayyusadh lasadhar 12 BEW haradan aharmadan 9 Chuarus
Change in culvert capacity	Upgrade, currently less than 1.2 BFW based on observations & Stream stats. Greater width will benefit tidal height, speed & upstream marsh.
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	No cut-offs. 5.7 mile detour. 349 traffic count.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Reduced fire response between Brooklin and Sedgwick cooperative mutual aid if crossing failed.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-4, Brooklin

DATE: 12/5/22

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? DS is tidal marsh and so appropriate crossing size will depend on flows needed to inundate marsh habitat above.
1.2 x BFW or Tidal analysis sizing, considerations performed	Tidal at structure, current crossing width impacts free tidal flow and elevation above in marsh.
Natural Bottom information; Banks within structure?	Open bottom concrete box
New Structure considerations	Appropriate sizing for tidal flow will benefit US marsh, where level and timing of tidal flow may be impacted currently.
Barrier status, source	Not barrier at present
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	High value wild BKT, LLS, IFW/G. Burr no fisheries concerns; eels smelt, sea run BKT but no documented smelt of river herring by DMR, Maine Coast Heritage Trust (marsh & migration), NOAA (Bernier), Hancock County Planning Commission support.
Habitat Opened/Improved	Improved but not opened, near Great Marsh habitat, improvement in tidal flow to habitat above,
Fish present, source of info	BKT, LLS, eels, smelt, sea run BKT,

	iii. Goot Emoichey and Emocuveness	
Total Project Cost; Total Match;	Total: \$628k added line items? Requested: \$150k	
% Match proposed	Match: \$223k, \$81,050 by Sedgwick and Brooklin, balance from town meeting requests	
Engineering	: Mc Cullough :	
Army Corp Permit info	Contacted corps.	
Costs over previous 10 years	\$63k but was that at this site? DOT work.	
Construction year	2022? Obviously wrong.	

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-4, Brooklin

DATE: 12/5/22

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	\$81,050 from Brooklin and Sedgwick as two town combined town
Additional efficiencies;	effort,
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-5, Brownville

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Spencer Road
Stream Name	Alder Brook, DS to Piscataquis R
Existing Culvert Size & Material	3' & 2" CMPs
Crossing Age	15 yrs., replaced when washed out then.
Bankfull width and method	7.1' measured average, US & DS measurements.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Open bottom metal arch. 10' w x 5'-9" h x 44' l. Natural stream bed inside.

Estimated time to failure	5-10 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Flooding due to grates and beaver activity & cleaning frequency? Flooding (US?) about every 2-3 years. Debris removal every 3-5 years??? No complete washout or failure.
Change in culvert capacity	Two hanging culverts are undersized and were placed post-failure by FEMA funded grant 15 years ago.
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Some cleanout 3-5 years average.
Cut-offs or detours	5 cut-off houses.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	59 cars/day count.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-5, Brownville

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 7.1' BFW via US & DS measurements
1.2 x BFW or Tidal analysis sizing, considerations performed	Will exceed 1.2 BFW.
Natural Bottom information; Banks within structure?	Yes, open bottom with natural substrate
New Structure considerations	Question metal arch?
Barrier status, source	Multiple culvert, potential barrier (flow dependent?), perched outlets.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	2001 IFW survey: WW species, IFW comments indicate BKT below w/spawning and adequate habitat above for BKT based on survey; WW lower priority species; support from Nature Conservancy.
Habitat Opened/Improved	0.44 mi. opened, hanging culvert (2 ft. from stream bed DS), but do not show hanging in photos possibly due to beaver activity.
Fish present, source of info	BKT below & WW species including WHS, habitat for BKT above according to IFW. Reached out to both IFW & DMR.

Total Project Cost; Total Match; % Match proposed	Total: \$178.5k summed line items \$28k from town Requested: \$150k Match: from Brownville in kind. Funds depending on town.
Engineering	: Calderwood Engineering, OB metal arch design, design to be completed.
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	?
Construction year	2023

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-5, Brownville

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Open bottom arch, good engineering and prep work, quality of match
Additional efficiencies;	may be more problematic.
Design concerns or	
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-6, China

**DATE:** (12/5/22

**EVALUATOR NAME: James Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Ingraham Road
Stream Name	Hewitt Brook, DS to West Branch Sheepscot River
Existing Culvert Size & Material	CMPs, 2.75' & 2' x 52' L
Crossing Age	unknown
Bankfull width and method	7.25', US & DS measurements ave., less that MSHV & Stream Stats both.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	OBB, aluminum box, 11'-4" w x 6'-6" h x 36' l; 9'-6" clear span

Estimated time to failure	1-3 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Both bottoms rusted out and are completely gone. No flooding but annual debris and beaver damming issues.
Change in culvert capacity	Large increase due to undersize current design.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	At least annually cleaned due to debris, bottoms completely rusted out to streambed, beaver debris problem.
Cut-offs or detours	19 homes detoured, 3.3 miles. 140 cars/day.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	19 homes with 3.3 mi detour.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-6, China

DATE: 12/5/22 EVALUATOR NAME: (James Stahlnecker EVALUATOR DEPARTMENT: Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
profile?	
1.2 x BFW or Tidal analysis sizing, considerations performed	7.25', US & DS measurements ave., less that MSHV & Stream Stats both.
Natural Bottom information; Banks within structure?	Yes, open bottom box allows streambed to be natural.
New Structure considerations	Open bottom: Adequate sizing will alleviate US impounding.
Barrier status, source	Full barrier at present, 2.4' hanging at outlet. Upstream impounding.
Benefits to Fish & Wildlife;	All WW species, WHS, PKS, CCB, etc. No CW fisheries noted. IFW not
Water quality improvements;	too high in priority & J. Seiders Becca Setelle. NO DMR interest due to
Support letters, other notable benefits	no fisheries present this far upstream. Is Sheepscot River basin so ATS habitat may be opened (critical habitat).
Habitat Opened/Improved	4.58 mi., opened due to poor/no current passage.
Fish present, source of info	WW species present but not CW habitat.

iii. Oost Emciency and Enectiveness	
Total Project Cost;	Total: \$175 summed line items.
Total Match;	Requested: \$150k
% Match proposed	Match: \$25k (14.3%)
Engineering	: St Germain, Contech Engineered Solutions. Aluminum box proposed, which is not choice.
	:
Army Corp Permit info	Corps contacted.
Costs over previous 10 years	Not documented but beaver deterrents and maintenance are required.
Construction year	2023

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-6, China

DATE:12/5/22 EVALUATOR NAME: (James Stahlnecker EVALUATOR DEPARTMENT: Environmental Protection

Feasibility for success;	Bankfull width measurements are iffy & more needed/pending,
Additional efficiencies;	different width selected low from only two (one up and down) and
Design concerns or	MSHV widths, necessary field work is light, so questions about
clarification required	necessary sizing/width. Impacts on actual costs? Match low %.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-7, Cornish

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Back Street
Stream Name	Little River
Existing Culvert Size & Material	Twin 60" X 40' L CMPs, no streambed material inside.
Crossing Age	35 yrs.
Bankfull width and method	20' from Stream Smart? Measurements not completed yet but TBD by engineer later. No slope yet either.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	19' w x 5' h x 20' L bridge/span TBD by engineer, not selected at present. Propose open bottom and natural streambed.

Estimated time to failure	<1 yr.
Previous flooding or failure events, documentation, culvert condition, age	No cleaning info, flooding or damage (?) during 2014 Patriots' Day storm, photos.
Change in culvert capacity	Good increase if built as roughly proposed for span. No plans or design.
Design meets DOT 100-year flood standard	Proposed to meet this.
Regularly obstruction or maintenance required	Require maintenance/cleaning but no frequency stated,
Cut-offs or detours	1 mi. detour, no traffic count
Affected residents, business, affected critical infrastructure, other safety issues, traffic	None documented, but 1 mi. detour noted.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-7, Cornish

DATE: 12/5/22

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? None currently performed but all TBD, pending
1.2 x BFW or Tidal analysis sizing, considerations performed	???
Natural Bottom information; Banks within structure?	proposed
New Structure considerations	??? Little info and no real design outlined.
Barrier status, source	DS barrier noted; if culvert failed would be strong barrier; not currently barrier unless failed in future.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	5'w x 10'l x 3'd DS scour pool eliminated? No info or contact with IFW or DMR, no fisheries info.
Habitat Opened/Improved	Large scour pool, 0.7 mi. opened but DS dam too providing limit to passage; 0.5 mi US and DS barrier at 0.2 mi in app.
Fish present, source of info	Wild BKT checked on app., not well supported

iii. Goot Emolonoy und Emoduvonooc	
Total Project Cost;	Total: Unspecified
Total Match;	Requested: \$150k
% Match proposed	Match: \$15k
	:Sebago Technics
Engineering	:
Army Corp Permit info	Proposed to talk in August '23, too late for '23 construction year.
Costs over previous 10 years	\$0 documented or mentioned.
Construction year	2023

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-7, Cornish

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or
clarification required

No BFW measurements, no sizing, small match; match is in future town warrant article; town engineer to design; mention of future material

and other costs, no DOT discussion.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-8, Cumberland 1

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Greely Rd. #1
Stream Name	Maxfield Brook, DS to East Branch Piscataqua River
Existing Culvert Size &	6', CMP 40+' L
Material	
Crossing Age	40+ years
Bankfull width and method	10.2', only from MSHV; no measurements US or DS.
New Structure size & type.	OB concrete arch, 13' w x 8' h x 44' l.
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3 years?
Previous flooding or failure events, documentation, culvert condition, age	Evidence of patching and washout at road, no photos or documentation of washout events though claimed, some culvert patching and riprap fill, overtopping indicated in app.
Change in culvert capacity	Wider and increased capacity, current undersized by 4' under BFW.
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Not clear?
Cut-offs or detours	10 houses, 1 business detoured; no cut-offs.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	2,605 vehicle count, very high. 6.9 mi. detour, fairly long. Nearby project with same impact, & so some synergy with doing both.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-8, Cumberland 1

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: No measurements, only MSHV for now. Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	BFW measurement not yet completed. BFW based on MSHV only.
Natural Bottom information; Banks within structure?	Open bottom so natural stream bottom.
New Structure considerations	? 13' proposed but no measured BFW at present. May be changeable?
Barrier status, source	Potential barrier,
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Two culverts on same stream, but different branches so some synergistic improvement by completing two projects? Other barriers include RR, Tuttle Road, etc. IFW no data on stream, local data on wild BKT above in trib. American eel also noted.
Habitat Opened/Improved	1.18 mi. opened (from our look at MH stream viewer),
Fish present, source of info	No IFW data, DMR no diadromous value but for eels, wild BKT likely via IFW.

### III. Cost Efficiency and Effectiveness

III. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$200k, summed line items.
Total Match;	Requested: \$150k
% Match proposed	Match: \$50k
Facinosaine	: Sevee & Maher,
Engineering	:
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	\$2,500 in ten years on road closures in years.
Construction year	2023
Feasibility for success;	BFW modelled, no field work yet; match from town budget.
Additional efficiencies;	
Design concerns or	
clarification required	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-9, Cumberland 2

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Greely Road
Stream Name	Windle Brook, DS drains to East Branch Piscataqua R.
Existing Culvert Size &	4' CMP x 40' L
Material	
Crossing Age	45+ yrs.
Bankfull width and method	No field measurements, MSHV 8.8 ft.,
New Structure size & type.	Proposed 11 ft. opening, design not completed. Concrete OB arch, 11' w x
Contacted DOT Bridge	6' h x 44' l.
Program if 20 or greater?	

Estimated time to failure	1-3 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Yes, previous flooding events but no documentation or pictures. Occurs at FEMA events like hurricanes/Trop storms over 30 years, with washouts.
Change in culvert capacity	Yes, major increase in width/flow.
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	No regular debris noted.
Cut-offs or detours	10 houses, 1 business detoured 6.9 mi., no cut-offs.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Very huigh traffic count of 2605 cars/day.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-9, Cumberland 2

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

	= 4.14.144 14.141.14	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:	
1.2 x BFW or Tidal analysis sizing, considerations performed	Not yet conducted field measurements, only MSHV approach to BFW.	
Natural Bottom information; Banks within structure?	Yes, open bottom arch allows natural streambed.	
New Structure considerations	No field work completed like BFW measurements or gradient. Much still to do.	
Barrier status, source	Does not appear to be impassable in photos.	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Same fisheries comments as previous Cumberland app. Potential wild BKT, little documented, no DMR interest/comments provided. American eel likely present.	
Habitat Opened/Improved	0.28 mi. opened, 1.12 mi. upstream miles to next;	
Fish present, source of info	BKT habitat likely, similar fisheries comments to previous project but less habitat opened.	

#### III. Cost Efficiency and Effectiveness

III. Cost Emciency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$200k based on sum of line items included.  Requested: \$150k  Match: \$50k
Engineering	: Sevee & Maher :
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	\$2,500 on road closures over past ten years. \$10k spent on maintenance of crossing.
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or	BFW modelled, no field work yet; match from town budget.
clarification required	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-10, Dover-Foxcroft 1

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Bryant Road
Stream Name	Unnamed stream, DS to Alder Stream and Piscataquis River
Existing Culvert Size & Material	36" CMP,
Crossing Age	10-15 years
Bankfull width and method	7.1' measured average from US & DS; no slope and TBD later.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	9' w x 6' h x 40' l concrete closed bottom box, embedded with backfill for substrate

Estimated time to failure	1-3 yrs.
Previous flooding or failure events, documentation, culvert condition, age	No dates but typical road closure for day or two when flooded, sedimentation on stream due to flooding? Little cover to culvert which increased risk at clogging
Change in culvert capacity	Yes, large increase which should alleviate flooding at times.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Yes, beaver debris/dams require removal & cleaning, flooding 2/10 years due to debris/under capacity of 25 yr. peak flow.
Cut-offs or detours	14 detours, no cuts, detour is <8 mi.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	14 houses (no businesses) detoured 7.9 mi. no cut-offs. 70 cars/day count.

**RFP #**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-10, Dover-Foxcroft 1

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

= 0.10110 10 1 1011 0 111101110	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: BFW measured US & DS in field, ponded upstream.  Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	Currently undersized for peak flows, DS project backwaters as well but is proposed separately (Bear Hill Road).
Natural Bottom information; Banks within structure?	Yes, natural bottom and banks. Closed bottom but embedded to backfill material.
New Structure considerations	Ds crossing also impounding water (in app)? This is the other proposed project in D-F at Bear Hill Road.
Barrier status, source	Not currently a barrier, no habitat opened.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW said marginal quality coldwater habitat, app. indicates landlocked salmon (from usfws list?), some modelled ATS habitat, (3.38 units class 3).
Habitat Opened/Improved	Upstream improvement with less ponding above? Limited benefits.
Fish present, source of info	LLS from USFWS listing cited in app? Questionable. DS Piscataqua is habitat,

#### III. Cost Efficiency and Effectiveness

iii. Oost Efficiency and Effectiveness	
Total Project Cost;	Total: \$300k
Total Match;	Requested: \$150k
% Match proposed	Match: \$150k from town
Facinosvino	: Gorrill Palmer
Engineering	:
Army Corp Permit info	No permitting yet, but do have BFW completed
Costs over previous 10 years	\$2k to culvert crossing, \$20k to road closures;
Construction year	2023
Feasibility for success;	4 sided box, ponded upstream and have five DS measurements; large
Additional efficiencies;	match required but sounds somewhat problematic, "uncertain"; cost
Design concerns or	estimate may be high for size; smaller sized crossing adds to feasibility.
clarification required	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-11, Dover-Foxcroft 2

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Bear Hill Road (South)
Stream Name	Unnamed stream, DS to Alder Stream & Piscataquis River
Existing Culvert Size & Material	36" CMP x 32' L
Crossing Age	10-15 yrs.
Bankfull width and method	8.5' measured average US & DS.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	CBB concrete, 11' w x 8 ' h x 32' long. Embedded with backfill.

Estimated time to failure	1-3 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Floating debris impacts flow, road closure for a day or two with flooding events in past, no damage to crossing in flooding. Closed due to flooding approx. every five years
Change in culvert capacity	Large increase from 36" CMP to 11' rectangular opening.
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Some debris impacts
Cut-offs or detours	50-60 home detours, no cut-offs, 2 business detours,8.7 mi. detour
Affected residents, business, affected critical infrastructure, other safety issues, traffic	610 cars/day, quite high.

**RFP #**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-11, Dover-Foxcroft 2

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? Measured US & DS & averaged.
1.2 x BFW or Tidal analysis sizing, considerations performed	Proposed to meet 1.2 BFW.
Natural Bottom information; Banks within structure?	Backfilled with substrate even though closed bottom to provide natural substrate.
New Structure considerations	
Barrier status, source	Barrier, yes.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Low priority CW habitat, no connectivity to DS diadromous spp., related to other subsequent project? Nearby in same drainage but not on the same trib/stream segment. App. says LLS from USFWS species list. Appropriate? Atl. Salmon modelled habitat, class 3, 3.38 units. Will improve/open passage for fish species, terrestrial inverts/verts.
Habitat Opened/Improved	0.7 mi. opened, access to upper drainage area. Currently backwatered US which may be remedied.
Fish present, source of info	Marginal CW habitat (IFW),

iii. Gost Emolency and Emocriveness	
Total Project Cost;	Total: \$150k
Total Match;	Requested: \$330k
% Match proposed	Match: \$180k
	: Gorrill Palmer
Engineering	:
Army Corp Permit info	No yet contacted, planned 4/2023.
Costs over previous 10 years	\$2k on repairs, \$20k on road closures and other costs.
Construction year	2023

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-11, Dover-Foxcroft 2

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or
clarification required

11' w X 8' h CBB concrete, likely feasibility, BFW measurements completed, three projects in town proposed so economy in

mobilization/transit.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-12, Dover-Foxcroft 3

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Bear Hill Road (North)
Stream Name	Unnamded stream, flows to Alder Stream and Piscataquis River
Existing Culvert Size & Material	30" CMP x 40' L.
Crossing Age	10-15 yrs.
Bankfull width and method	7.5" measured US & DS average,
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	9' proposed width, CBB concrete 9' w x 8' h x 40' l.

Estimated time to failure	3-5 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Flooding causes road closure, peak flow 25 yr. exceeds current capacity.
Change in culvert capacity	Sig. upgrade
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Debris/clogging issues require cleanout.
Cut-offs or detours	50-60 detoured homes, 2 businesses, no cut-offs. 610 cars/day. 8.7 mi. detour.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	50-60 homes, 2 businesses detoured, no cut-offs.

**RFP #**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-12, Dover-Foxcroft 3

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Bankfull width method: Longitudinal profile of stream beyond culvert influence included? US & DS BFW measured and averaged, grade completed later with permitting from corps.
Based on measured BFW x 1.2.
Backfill into CBB proposed to provide natural bottom inside culvert; banks provided for terr. Passage.
Bottom will require burial below grade to facilitate backfill of streambed material.
Not currently barrier, not perched, although submerged during survey.
App. says landlocked salmon (LLS) but only from USFWS species list, At. Salmon modelled habitat, class 3, 2.72 units.
Improvement in passage efficiency. Not currently a barrier, so only improvement.
Yes, app. says LLS, At, salmon modelled habitat.

iii. Goot Emolency and Emocriveness	
Total Project Cost;	Total: \$315
Total Match;	Requested: \$150k
% Match proposed	Match: \$165
Engineering	: Gorrill Palmer
	:
Army Corp Permit info	Will contact corps by 4/2023. Not completed.
Costs over previous 10 years	\$2k culvert/road repairs, \$20k on road closures when flooded.
Construction year	2023

**RFP#**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-12, Dover-Foxcroft 3

DATE: 12/5/22

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Part of 3 projects in nearby area/town and efficiencies of scale for
Additional efficiencies;	mobilization and passage on stream.
Design concerns or	
clarification required	

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-13, Durham

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Swamp Road
Stream Name	Meadow Brook, DS to Newell Brook to Androscoggin River
Existing Culvert Size & Material	Two 3' CPPs x 49.3' L
Crossing Age	27 yrs.
Bankfull width and method	10.1' measured average US & DS
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	OB concrete arch, 20' w x 17.8' h x 31.5' l. Really this high? Seems taller than necessary.

Estimated time to failure	3-5 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Multiple (2-3) times year flooding, ice and debris
Change in culvert capacity	Large increase in width and capacity. Will then pass 100 yr. flood.
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Debris issue, but in fair condition for culverts, not critical,
Cut-offs or detours	No cut-offs, detours below.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	60 homes, 5 businesses, 6.7 mi. detour. AADT 1,568 cars.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-13, Durham

DATE: 12/5/22

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	20' width proposed easily accommodates 10.1' BFW measured ave.
Natural Bottom information; Banks within structure?	Open bottom arch, so natural streambed, banks to be included.
New Structure considerations	Height seems high in proposed design. Necessary?
Barrier status, source	Not barrier,
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Did not contact DMR, IFW wild BKT, LLS (N. Kalejs). Critical ATS habitat, DPS population segment, inland wading bird habitat associated with project.
Habitat Opened/Improved	2.7 mi. upstream and not much for barriers below except on Andro/hydro dams. Not barrier so no habitat "opened."
Fish present, source of info	BKT, LLS via IFW. At. Salmon thermal refugia in summer. At. Salmon critical habitat for DPS,

### III. Cost Efficiency and Effectiveness

iii. Oost Efficiency and Effectiveness	
Total Project Cost; Total Match;	Total: \$315.5k Math does not add up???  Requested: \$150k
% Match proposed	Match: \$150K
Engineering	: Hodsdon :
Army Corp Permit info	Corps permit is in hand.
Costs over previous 10 years	\$8-10k on physical repairs, none noted for closures.
Construction year	2023
Feasibility for success;	20ft total span, 17 ft clear span; budgeted money committed
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-14, Eastbrook

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Macomber Mill Road
Stream Name	Macomber Mill Stream; DS to Webb Br. To Sandy Br. To Union River
Existing Culvert Size & Material	CMP closed bottom arch 12 .5' w x 8' h, 52.5' L.
Crossing Age	65 yrs.
Bankfull width and method	17' measured average of US & DS
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete OBB, 17' w x 7'8" h x 36' L.

Estimated time to failure	1-3 or 3-5 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Rotting through, undersized & partial washout in last 10 yrs., no overtopping documented yet but close in flooding events.
Change in culvert capacity	Increase and meets 1.2 BFW,
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Squashing, not much overfill on top of CMP
Cut-offs or detours	32 homes detour, 2 businesses, no cut-offs.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	242 cars/day, long detour (13 mi. gravel & 18 mi. paved)

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-14, Eastbrook

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, based on measured/everaged BFW.
Natural Bottom information; Banks within structure?	Open bottom so natural substrate; banks to be included.
New Structure considerations	Old structure passes 24 hr./50 yr. storm flow. New meets 100 yr. flood.
Barrier status, source	Not barrier,
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No diadromous DMR, letter from S Ledwin/DMR, letter from IFW/Burr in support, high value wild BKS, LLS, but tremendous US potential for river herring, much dependent on DS passage at dams is provided.
Habitat Opened/Improved	None but high value species and habitat, really about improving crossing integrity. If future dam removals in drainage, then large passage benefits there that will access this site.
Fish present, source of info	At. Salmon, LLS, BKT, river herring pond above but dams below at present.

### III. Cost Efficiency and Effectiveness

iii. Oost Eniciency and Enectiveness	
Total Project Cost;	Total: \$230k in kind \$5k match.
Total Match;	Requested: \$115km
% Match proposed	Match:\$120k = \$115k + \$5k.
Engineering	: Dirigo
Engineering	:
Army Corp Permit info	Corps has been contacted
Costs over previous 10 years	\$22k on culvert replacement
Construction year	2023
Feasibility for success;	Good match percentage, committed match, involved S&WCD in
Additional efficiencies;	process and so helpful. Partners & thought involved.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-15, Fairfield

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Green Road (Pirate Lane)
Stream Name	Tobey Brook, DS to Fish Brook, Mess. Stream & Kennebec River
Existing Culvert Size & Material	4.5' CMP x 59.4'
Crossing Age	25 yrs.
Bankfull width and method	10.7' measured average US & DS.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Bridge, concrete, 13' w x 6' h x 40' L.

Estimated time to failure	1-3 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Once due to beaver dams, '14 partial closure,
Change in culvert capacity	Yes, large increase and going to span/bridge as well.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Some clogging inside, beaver debris issues.
Cut-offs or detours	25 home, 2 businesses detoured.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	805 traffic count, 9 miles detour,

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-15, Fairfield

DATE: 12/5/22

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes.
Natural Bottom information; Banks within structure?	Yes, bridge span so natural bottom, banks to be installed.
New Structure considerations	Bridge span should make large difference in stream width through structure.
Barrier status, source	Debris issues contribute to occasional blockage? 12" perched above stream bottom,
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Somewhat, seasonal or high flow improvement in passage for BKT? When debris blockage occurs?
Habitat Opened/Improved	1.7 mi. DS to next barrier, US distance probably less than one mile,
Fish present, source of info	BKT via IFW/J. Seiders, contacted DS in actual survey,

### III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$245k? summed line items Requested: \$150k Match: \$95k
Engineering	: Dirigo Eng Randy Butler :
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	\$5k physical repairs, \$2.5k on closures and other costs.
Construction year	2023
Feasibility for success;	BFW measurements completed up and DS, match appears to be in
Additional efficiencies;	town budget, long. profile and fieldwork done.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-16, Freedom

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

### I. Public Infrastructure Information/Public Safety

Road name	Mitchel Road
Stream Name	Winslow Brook or Willow Brook, drains to Sandy Pd. In Freedom
Existing Culvert Size & Material	16' concrete with 12.3' span, 9.5' h x 20' l;
Crossing Age	1927, 95 yrs.
Bankfull width and method	20' by US & DS BFW by measurement and average. <b>USED</b> 12' fromMSHV (10.1') & StreamStats (9.3'); but app. states 1.2 sizing will be achieved by using BFW measurements.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	12' w x 10' h x 12' L under road? OBB; material?

Estimated time to failure	3-5 yrs.
Previous flooding or failure events, documentation, culvert condition, age	None documented or noted, driver is bridge span is noted as poor condition at present.
Change in culvert capacity	Not clear, but relatively similar as proposed, about 12' vs. 12'
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	None documented, more about bridge span condition.
Cut-offs or detours	25 homes, 1 detoured business,
Affected residents, business, affected critical infrastructure, other safety issues, traffic	168 traffic count, 8 mile detour

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-16, Freedom

DATE: 12/5/22

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

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Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:	
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, but measurements not used and MSHV and StreamStats used instead.	
Natural Bottom information; Banks within structure?	Yes, open bottom and natural streambed. No banks proposed but may be present in open streambed under bridge deck.	
New Structure considerations	Sizing needs to be clarified, as BFW measurements and stats differ a bit.	
Barrier status, source	Not barrier based on photos.	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No fish sampled (IFW), none present, expect presence but no documentation; little effort on fish data presented in app., No DMR or IFW contact info in app.;	
Habitat Opened/Improved	No large change, as currently passabe. Very ledgey crossing with relatively narrow bridge deck & channel.	
Fish present, source of info	Noe provided by IFW or DMR. Thought fish likely in App. but little info.	

### **III. Cost Efficiency and Effectiveness**

Total Project Cost; Total Match; % Match proposed	Total: Unknown? Requested: \$150k Match: Undetermined
Engineering	: No engineering firm at present, town at present. :
Army Corp Permit info	Not contacted yet.
Costs over previous 10 years	\$1k on physical repairs. None spent on road closures.
Construction year	2024, recognize items still needed, March '23 town meeting?

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-16, Freedom

DATE: 12/5/22

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	BFW 3 up and 3 DS, but inconsistent with MSHV, more field work
Additional efficiencies;	needed, many unknown in estimated costs.
Design concerns or	
clarification required	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-17, Georgetown

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Robinhood Road
Stream Name	Unnamed stream, DS to Sasanoa River
Existing Culvert Size & Material	36" Concrete circ. Pipe x 68' L.
Crossing Age	65 years
Bankfull width and method	7.7' via US & DS measurements, average.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	10' w concrete CCB x 6' h x 60 L.

Estimated time to failure	3-5 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Every spring & fall debris clogging, flooding damage. CP sections are separating, and soil is infiltrating, pipe blockages and bank failures.
Change in culvert capacity	Large increase from 3' round to 10' CBBox.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	\$25k repairs, embankment issues due to culvert section separation
Cut-offs or detours	Cut off due to dead end road
Affected residents, business, affected critical infrastructure, other safety issues, traffic	40 homes, 3 businesses, marina & boatyard, restaurant

**RFP #**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-17, Georgetown

DATE: 12/5/22

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width,	Bankfull width method:
method, & confidence; skew	Longitudinal profile of stream beyond culvert influence included? :
matches stream, longitudinal	Via direct measurement US & DS & average.
profile?	_
1.2 x BFW or Tidal analysis	Yes.
sizing, considerations	
performed	
Natural Bottom information;	Closed bottom set below grade for backfilled streambed construction,
Banks within structure?	banks to be constructed too.
New Structure considerations	Will improve passage, both fish and terrestrial/banks. Looks like
	pond/bog DS on branch that may connect to US via better banks in
	new structure.
Barrier status, source	Is barrier, looks intermittent above, plugging inside culvert due to
	sections separation.
Benefits to Fish & Wildlife;	IFW comments say culvert undersized, but low priority for fish passage
Water quality improvements;	based on species assemblage, marine species (DMR) DS in Sasanoa but
Support letters, other notable	not up at this site. Perhaps American eel likely. Theoretically ATS
benefits	critical habitat, but not mentioned by agency.
Habitat Opened/Improved	Intermittent stream above, wetland/pond on DS branch on topo.
Habitat Opened/Improved	Intermittent stream above, wetland/pond on D3 branch on topo.
Fish present, source of info	No fish, dry upstream when sampled, pools DS when sampled,

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$402k summed line items. Requested: \$150k Match: \$252k
Engineering	: Pine Tree Engineering, Rob Prue :
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	\$30k on crossing, no road closure espenses.
Construction year	2023

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-17, Georgetown

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or clarification required

Good BFW measurements; 10' 4 sided box; money "committed," high cost likely due to deep excavation. Engineering & designs in hand.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-18, Greene

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Sprague Mills Road
Stream Name	Hooper Brook, DS to Sabattus Pond
Existing Culvert Size &	OBA, CMP, concrete; 15' w x 20' h x 20' l.
Material	DOT reports poor condition & need of replacement.
Crossing Age	64 years
Bankfull width and method	23' MSHV only, no measurements obtained. Was high flow event, 7" rain, measurements to be taken later.
Nov. Charachura aire 9 tura	
New Structure size & type.	Proposed 15' crossing width? OBA, CMP overhead w/20' h x 30' l. Really
Contacted DOT Bridge	20' height? Promise 1.2 BFW once measurements are conducted.
Program if 20 or greater?	

Estimated time to failure	5-10 years
Previous flooding or failure events, documentation, culvert condition, age	Just debris, no flooding issues.
Change in culvert capacity	Needs measurements to confirm width & sizing; no proposed improvement in crossing width as proposed.
Design meets DOT 100-year flood standard	Yes, promised.
Regularly obstruction or maintenance required	Not noted.
Cut-offs or detours	12 homes, 1 business, no cut just detour
Affected residents, business, affected critical infrastructure, other safety issues, traffic	330 cars/day, 3.5 mile detour.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-18, Greene

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

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Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:	
1.2 x BFW or Tidal analysis sizing, considerations performed	23' MSHV only, no measurements obtained. Was high flow event, 7" rain, measurements to be taken later. Needs to be addressed to confirm adequate sizing and attaining 1.2 BFW.	
Natural Bottom information; Banks within structure?	Yes, open bottom arch.	
New Structure considerations	BFW measurements to support design size.	
Barrier status, source	5.92 mi. DS habitat, not barrier at present.	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	DMR holds high value for alewife, but not barrier at present, IFW: warm water species, however app. suggests wild BKT habitat above. Not currently barrier to passage.	
Habitat Opened/Improved	Not a barrier but BKT value above.	
Fish present, source of info	Wild BKT in headwaters, BKT, alewife habitat potential above but not currently barrier.	

### III. Cost Efficiency and Effectiveness

iii. Gost Emolency and Encouveness	
Total Project Cost;	Total: \$510k summed line items
Total Match;	Requested: \$150k
% Match proposed	Match: \$360k
Facinosvino	: Maine Lands Development Consultants,
Engineering	:
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	\$2k on crossing repairs.
Construction year	2024

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-18, Greene

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or clarification required

BFW prelim. 23' is modelled & is wider than proposed structure width, previous structure same size. Go get real data? Will not be as proposed and needs redesign. Not 1.2 BFW. Gov grants not applied for or approved.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-19, Greene

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Main Street
Stream Name	Hooper Brook, DS to Sabattus Pond
Existing Culvert Size & Material	9' w x 6.5' h x 28' h. OBB, concrete, stone
Iviateriai	
Crossing Age	80 years
Bankfull width and method	21.5', measured averaged, comment that large wetland and water storage
	so not realistic.
New Structure size & type.	Proposed 18' w due to wetlands, so not 1.2 BFW. CBB concrete 18' w x 8'
Contacted DOT Bridge	h x 35' l. Claim project will attain 1.2w BFW as built.
Program if 20 or greater?	

Estimated time to failure	1-3 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Some debris issues, cleaning every six months or more in beaver activity season, partial washout in last ten years, 1987 flood inundated bridge due to DS flooding?
Change in culvert capacity	Doubled in width as proposed with questionable measurements.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Not really, just occasional debris every six months average.
Cut-offs or detours	27 homes, 2 businesses, 0.7 mile detour, 160 – 300 traffic count.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	See above.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-19, Greene

DATE: 12/5/22

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	21.5', measured averaged, comment that large wetland and water storage so not realistic.
Natural Bottom information; Banks within structure?	CCB will need to be embedded, backfilled with material for streambed, banks constructed.
New Structure considerations	Needs to be sized adequately based on measurements.
Barrier status, source	Not a barrier based on app., little change.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	DMR comments similar to previous Greene project #18, not a barrier and not on same stream as previous but on a different trib. Not barrier on MSHV. AATS modelled habitat, 16.06 units rearing.
Habitat Opened/Improved	Not opened but wetland above may provide some alewife spawning/nursery habitat. Already accessible.
Fish present, source of info	Clamed wild BKT US habitat, mostly warm water species at location of crossing, and not currently a barrier.

### III. Cost Efficiency and Effectiveness

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Total Project Cost;	Total: \$510k summed line items
Total Match;	Requested: \$150k
% Match proposed	Match: \$360k
Facinosvino	: Maine Lands Development Consultants
Engineering	:
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	\$5k to crossing repairs, mostly debris removal.
Construction year	2024

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-19, Greene

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Grants not yet applied for, unknowns in sizing for structure and so cost
Additional efficiencies;	increase and delay in changed planning.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-20, Hartland

DATE: 12/5/2022

**EVALUATOR NAME:** J. Stahlnecker

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Morrill Pond Road
Stream Name	Jordan Brook; DS to Sibley Pd., Carrabasett Stream, Kennebec River
Existing Culvert Size & Material	Twin 6' w x 5' h x 33' l CMPs
Crossing Age	50+ yrs.
Bankfull width and method	14.8' DS & US BFW Measurements and average
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete span/bridge; 18' w x 5' h x 36' l, 20' span in total.

Estimated time to failure	3-5 yrs.
Previous flooding or failure events, documentation,	1987 big flood- road overtopped, no flooding otherwise.
culvert condition, age	
Change in culvert capacity	Currently undersized, yes. Large gain with bridge.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	No.
Cut-offs or detours	75 houses, 2 businesses detoured, not cut-offs. 182 cars/day. 8 miles detour.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	No critical infrastructure noted.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-20, Hartland

DATE: 12/5/2022

**EVALUATOR NAME:** J. Stahlnecker

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	14.8' DS & US BFW Measurements and average.
Natural Bottom information; Banks within structure?	Yes, natural bottom and banks connected to riparian banks US & DS>
New Structure considerations	Pond level will require consideration of height of streambed, as mentioned.
Barrier status, source	Weirs in pipe, problematic for some species. Technically a barrier at certain flow conditions.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Partial passage improvement. Weirs in culverts inhibit passage, so bridge span will be large improvement for passage, terrestrial too.
Habitat Opened/Improved	3.15 mi. opened (much is pond). 30' x 60' x 1.6' scour pool? Eliminated?
Fish present, source of info	IFW/J. Seiders WHS, CCB, eel, c. shiner, BND. Warmwater species assemblage. ATS modelled class 1 6.72 units.

**III. Cost Efficiency and Effectiveness** 

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Total Project Cost;	Total: \$320 based on summed line items.	
Total Match;	Requested: \$150k	
% Match proposed	Match: \$170k	
Engineering	Dirigo Eng., Randy Butler	
Army Corp Permit info	Have consulted ACORE	
Costs over previous 10 years	<b>&lt;</b> \$500.	
Construction year	2023	

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-20, Hartland

DATE: 12/5/2022

**EVALUATOR NAME:** J. Stahlnecker

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Bridge but lower clearance, but still feasible to place streambed
Additional efficiencies;	material; long. profile complete, weir at US end to be used in
Design concerns or	determining plans & elevation, some thought went into approach.
clarification required	Match is "planned," so app. says. Already budgeted?

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-21, Knox

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Shibles Road
Stream Name	Eliot Stream; drains to Halfmoon Str., Twenty-Five Mile Str., Kennebec R.
Existing Culvert Size & Material	CMP open bottom arch, 11.8' w x 4.58' h x 41' l.
Crossing Age	68 yrs.
Bankfull width and method	19.4', US & DS measurements averaged.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	23.3 prelim. Width, concrete bridge/span, 24' w x 5' h x 28' l, clear span in 24'. Open bottom and nat. stream bed.

Estimated time to failure	1-3 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Some flooding, shifting of rocks in high water, major storm. Unsafe to traffic in last ten years.
Change in culvert capacity	Sizable increase in width but not currently blocking passage.
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Some debris accumulation.
Cut-offs or detours	30 hiouses, 3 businesses detoured 2.15 mi. no cut-offs, 203 cars/day, 5 trucks/day.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	22 ton weight limit at present via DOT.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-21, Knox

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 19.4', US & DS measurements averaged. Profile will be conducted.
1.2 x BFW or Tidal analysis sizing, considerations performed	Span proposed will improve crossing over current arch. Elimination of DS scour pool will occur with reduced velocities.
Natural Bottom information; Banks within structure?	Yes, span with natural bottom and banks.
New Structure considerations	
Barrier status, source	Barrier,
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW,(Gallagher and Seiders) high priority, mult. year classes of BKT.  DMR less interest, lower priority for salmon potential. Halfmoon  Stream downstream is very good trout fishery & connected to Elliot  Stream. Also BND and slimy sulpin.
Habitat Opened/Improved	1.52 mi. 4.95 total US miles, with two US barriers,
Fish present, source of info	BKT in mulstiple year classes, so benefit to improved habitat and passage for CW fishery already in good shape.

III. Cost Efficiency and Effectiveness

III. Cost Eπiciency and Eπectiveness	
Total Project Cost;	Total: \$495k total?
Total Match;	Requested: \$150k
% Match proposed	Match: \$245.5k, includes IFW money
F	: Dirigo Engineering
Engineering	:
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	\$7,822 on road repairs, no closure costs.
Construction year	2023

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-21, Knox

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or
clarification required

Contacted DOT, \$50k IFW match & \$5k in kind gift, \$245k match requires town meeting approval, is town approval likely with potential

\$200k coming from state inputs.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-22, Levant

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Horseback Road
Stream Name	Black Stream; flows to Kenduskeag Stream and Penobscot R.
Existing Culvert Size & Material	CBA, CMP, 16.5' w x 9.1' h x 66' l.
Crossing Age	60 yrs.
Bankfull width and method	45.5' via US & DS BFW measurements averaged; MSHV at 21.5' and StreamStats at 21.9', so proposed 22' preliminary crossing width.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete CBB, 26.9' w x 9.5' h x50' l at wing walls.

Estimated time to failure	5-10 yrs.
Previous flooding or failure events, documentation, culvert condition, age	No flooding or failures, just annual debris issues.
Change in culvert capacity	Large increase in width and capacity.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Yes, annual debris issues, no other problems. No flooding or washouts, but is undersized at present.
Cut-offs or detours	37 homes detoured, no cut-offs; 700 cars/day, 10 mile detour.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	See above.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-22, Levant

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 45.5' via US & DS BFW measurements averaged; MSHV at 21.5' and StreamStats at 21.9', so proposed 22' preliminary crossing width.
1.2 x BFW or Tidal analysis sizing, considerations performed	Site appears to be in backwater area, influencing BFW.
Natural Bottom information; Banks within structure?	Steam banks not mentioned or checked off, natural bottom via being buried below grade and backfilled with material.
New Structure considerations	Get width right, BFW measurements impacted by backwatered segment of stream due to flat topography in this vicinity.
Barrier status, source	Not appears as much of a barrier, not currently.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	DMR: alewife in Souadabscook Stream. At. salmon below but not documented in stream.  IFW: BKT, robust BKT pop., makes this moderately high priority.
Habitat Opened/Improved	MSHV, listed as potential barrier. 13.67 mi. opened if barrier, large amount. Heads back to SSW west of crossing through backwatered area and then south toward next road.
Fish present, source of info	BKT, documented alewife DS in connected stream. Modelled ATS habitat.

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match; % Match proposed	Total: \$322k? summed line items.  Requested: \$150k  Match: \$172k
Engineering	: Plymouth Engineering :
Army Corp Permit info	Contacted corps
Costs over previous 10 years	\$15.3k physical repairs, no road closure costs.
Construction year	2023

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-22, Levant

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or
clarification required

Eng. letter says will be 26.9' built width? Confusing. Concerns about BFW, chose modelled over field measurements (not in right spot & within influence of culvert?); more field work required; plans in hand; partial money for match set aside (toward \$172k). Contacted DOT.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-23, Lincolnville

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Townhouse Road
Stream Name	Unknown, Drains to Meservey Br., Norton Pd., Megunticook L.,
	Megunticcok R.
Existing Culvert Size &	42" CMP 34' L, 36" plastic 40' l
Material	
Crossing Age	35 years and newer plastic overflow?
Bankfull width and method	9.65 BFW by DS & US measurements averaged
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete OBB, 12' w x 6' h x 40' l.

Estimated time to failure	<1 yr. has failed twice already as built.
Previous flooding or failure events, documentation, culvert condition, age	Flooding and overtopping have occurred, 2022 & 2021, with photos. Closed several days and emergency repairs.
Change in culvert capacity	Yes, large change to 12' width rectangle proposed.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Not regularly obstructed but checked frequently due to flooding issues at high flows.
Cut-offs or detours	No cut-offs, 10 houses detoured 2.6 miles, estimated 50 cars/day.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	See above. Likely to fail again at some point without replacement.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-23, Lincolnville

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 9.65 BFW by DS & US measurements averaged. Profile completed.
1.2 x BFW or Tidal analysis sizing, considerations performed	9.65 BFW by DS & US measurements averaged.
Natural Bottom information; Banks within structure?	Open bottom allows natural stream bed, banks to be constructed.
New Structure considerations	
Barrier status, source	Moderate barrier severity MSHV, one perched one not perched.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Passage may be poor at present, much improved with wide open bottom box, if BKT present as assumed.
Habitat Opened/Improved	2.77 mi. US, no US barriers; ten potential barriers DS,
Fish present, source of info	Fish present, BKT IFW, higher priority for region B IFW office, water temp taken by IFW???, modelled At. Salmon habitat above site.

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: Requested: \$150k Match: \$300k
Engineering	: Gartley & Dorsky :
Army Corp Permit info	Permit on hand.
Costs over previous 10 years	\$10k on repairs, \$1.5k on road closures.
Construction year	2023

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-23, Lincolnville

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Match funds appropriated by town, 12' open bottom box,
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-24, Manchester

**DATE: 12/6/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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

Road name	Prescott Road
Stream Name	Tanning Brook; flows to Bond Br., Kennebec R.
Existing Culvert Size & Material	Twin CMPs, 42" w x 84 & 87' l.
Crossing Age	50-60 yrs.
Bankfull width and method	13' US & DS measurements averaged. Much wider DS, biasing calculation? Used 9.37' by ditching one measurement
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Proposed 12' crossing width. Concrete OBArch, 12' w x 4' h x 88' l.

Estimated time to failure	5-10 yrs.
Previous flooding or failure events, documentation, culvert condition, age	None documented, neither flooding nor debris issues. Problems with perched culverts and created plunge pool, culvert pipes are failing and corroded. Needed guardrails due to road height not practical in current condition.
Change in culvert capacity	Large increase from two CMPs to clear 12' box.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Not noted, not problem.
Cut-offs or detours	No cut-offs, 1-2 homes detoured and unclear distance, perhaps 1.5 miles?
Affected residents, business, affected critical infrastructure, other safety issues, traffic	See above.

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-24, Manchester

**DATE: 12/6/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Delicities to 1 ion & W	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	13' US & DS measurements averaged. One much wider DS measurement, biasing calculation? Used 9.37' by dropping one measurement? Likely plunge pool.
Natural Bottom information; Banks within structure?	Natural bottom with open arch, banks to be constructed for terr. passage.
New Structure considerations	Better width and not perched like current culverts will be improvement.
Barrier status, source	Potential barrier, not surveyed. Pics show perched culvert of perhaps 1.5' drop. Not passable at lower flows.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No DMR info, IFW electrofished: degraded WQ, open meadow, wild BKT, CCB, BND, eel, PKS. TU support letter for project, part of Bond Brook watershed management plan.
Habitat Opened/Improved	0.14 mi. US, DS private culvert w/twin 48" plastic only 5 yrs old.
Fish present, source of info	IFW survey data. Wild BKT potential, ATS modelled habitat,

## III. Cost Efficiency and Effectiveness

III. Oost Emclency and Enectiveness	
Total Project Cost;	Total: \$300k or \$286k based on summed line items?
Total Match;	Requested: \$150k
% Match proposed	Match: \$150k
Engineering	: road commissioner provided cost estimate : to be SJR Engineering, Monmouth
Army Corp Permit info	Contacted corps
Costs over previous 10 years	None documented or presented.
Construction year	2024

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-24, Manchester

**DATE: 12/6/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Prelim. 13' BFW, they propose 12' structure which does not meet 1.2
Additional efficiencies;	BFW. Sizing may not be right, needs more info and confirmation.
Design concerns or	MSHV shows 11.8 BFW estimated. Select board committed to funding,
clarification required	town vote required?

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-25, Mercer

DATE: 12/6/2022 NAME: J. Stahlnecker

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Pond Road
Stream Name	Pattee Brook, to North Pd., Belgrade lakes, Messalonskee Str., Kennebec R.
Existing Culvert Size & Material	Triple CMPs, one plastic: 5' w x 30' l.
Crossing Age	20 yrs., newest plastic one 10 yrs.
Bankfull width and method	22.3' US & DS BFW via measurements averaged.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Proposed 30' w span/bridge x 28' l. Seems quite large.

Estimated time to failure	1-3 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Flooding, 2019 closure and erosion to road, partial closure until repaired, with similar instances in past as well. Plastic pipe splitting, CMP rusting through on bottom.
Change in culvert capacity	Large upgrade.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Beaver issues noted.
Cut-offs or detours	30 cut-off homes 1 cut-off business, 120 trips/day estimated.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Cut-offs tough plus limited town capacity, so bid and slow repair in failure.

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-25, Mercer

DATE: 12/6/2022 NAME: J. Stahlnecker

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	22.3' US & DS BFW via measurements averaged. Not clear why project is proposed so large.
Natural Bottom information; Banks within structure?	Yes, span to natural bottom/banks.
New Structure considerations	Seems too large as proposed, expense?
Barrier status, source	Potential barrier MSHV, pics looked like perched at lower flow indicating barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	604b and potential 319 projects, value to sediment reduction, not much of US habitat. Local comments that BKT may be present US in this stream. No DMR diadromous species.
Habitat Opened/Improved	0.16 mi blocked, maybe private crossing just upstream.
Fish present, source of info	Wild BKT according to app. Charlie Bader, local resident.

### **III. Cost Efficiency and Effectiveness**

Total Project Cost; Total Match; % Match proposed	Total: \$420k Requested: \$150k Match: \$270k
Engineering	Dirigo Eng., Randy Butler, no plans yet :
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	Recent \$150k work on 8 other culverts on Pond Road, but not this site.
Construction year	2023

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-25, Mercer

DATE: 12/6/2022 NAME: J. Stahlnecker

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	
Additional efficiencies;	
Design concerns or	
clarification required	

DEP, Seven Lakes Alliance have funded/done other work nearby (good partners), likely and reasonable but still some figuring to do (match is

uncertain but other partnerships exist in the watershed).

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-26, Mexico

**DATE: 12/6/2022** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Thompson Hill Road
Stream Name	Unnamed stream, flows to Swift River, Androscoggin River.
Existing Culvert Size & Material	Wooden box constructed culvert, open bottom; 7.5' w x 5.5' j x 16' l.
Crossing Age	50+ yrs.
Bankfull width and method	9.5', measured US & DS averaged.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete CBB, 12' w x 6' h x 40' l.

Estimated time to failure	<1 yr.
Previous flooding or failure events, documentation, culvert condition, age	Undersized structure, some wash-out, reinforced in 2022 with more timbers/posts/beams.
Change in culvert capacity	Wider 12' box will be substantial increase.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Some obstruction and wash-out noted. 2022 repair to timbers.
Cut-offs or detours	1 home, 2 businesses, town water supply past dead end. All these are cut-offs, no detour available from dead end road.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	See above. Appears to be lightly travelled road, but water supply for town is past culvert toward dead end and so cut-off.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-26, Mexico

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 9.5', measured US & DS averaged.
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, BFW.
Natural Bottom information; Banks within structure?	Yes, set below grade and backfilled into CBB to create natural stream bottom. Banks within structure.
New Structure considerations	Wider than existing, better passage and fewer debris obstructions.
Barrier status, source	No MSHV ID, not confirmed as barrier, nor in photos.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW electrofished Sept., good WQ but low flow and no pools, would be thermal refugia for BKT from DS Swift River if flows permitted access/habitats.
Habitat Opened/Improved	13 DS barriers most likely on Swift R.; one barrier US. US miles 1.44 mi.
Fish present, source of info	IFW found one fish due to low flows, Sept. Other seasons may be different with adequate flow.

III. Cost Efficiency and Effectiveness

III. OOST ETHORETICY art	iii. Oost Emclency and Enectiveness	
Total Project Cost;	Total: \$371k	
Total Match;	Requested: \$150k	
% Match proposed	Match: \$221k	
Engineering	: Pine Tree Engineering, Rob Prue : plans complete	
Army Corp Permit info	Contacted corps	
Costs over previous 10 years	\$7.5k in physical repairs, \$1k in road closure or other costs.	
Construction year	2023	

Rev. 2/4/2020

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-26, Mexico

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Match says "committed," local taxation.
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-27, Monmouth

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Wilson Pond Road
Stream Name	Bog Brook, Androscoggin Lake
Existing Culvert Size & Material	Corrugated plastic 60" w pipe, 41' l.
Crossing Age	22 yrs. old
Bankfull width and method	17.2' US& DS measurements averaged,
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete CBB, 21' w x 6' h x 40' l.

Estimated time to failure	<1 yr.
Previous flooding or failure events, documentation, culvert condition, age	Frequent flooding, 4-6 times/year, overtopped 3 times/10 yrs. Plastic appears broken and out of round.
Change in culvert capacity	Upgrade to much large opening: 5' round to 21' wide.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Beaver blockages contribute to frequent back up in flow, flooding.
Cut-offs or detours	Yes, cut-off of 1 campground located in dead end road. Also a few camps or houses cut-off, 4 noted.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Cut-off of campground with complete failure. 4 houses. 246 cars/day.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-27, Monmouth

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, could be reassessed to determine if smaller culvert is appropriate due to back-flooding influencing width at site.
Natural Bottom information; Banks within structure?	Yes, filled to create natural bottom, backflooded through this area due to topography so banks?
New Structure considerations	Could be smaller due to BFW calc, flooded area.
Barrier status, source	No MSHV ID.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	W. Ashe IFW electrofished PKS and BBH, no diadromous fish (DMR), beaver flowage US, warm water and no CW fish habitat
Habitat Opened/Improved	5.4 mi. opened? Partial barrier below, old man made dam partially open,
Fish present, source of info	WW fish as per IFW survey at stream/connected lake habitat.

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$370k Requested: \$150k Match: \$220k
Engineering	: Pine Tree Engineering, Rob Prue :
Army Corp Permit info	Contacted corps
Costs over previous 10 years	\$10k culvert repairs, \$1k in road closure costs.
Construction year	2023

Rev. 2/4/2020

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-27, Monmouth

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or
clarification required

21' 4 sided box, have plans in hand, match taxation and "committed"; BFW 17' average - Based on two 21' measurements and placement of

those measurements (smaller OK?). Steam Stats indicates 18'.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-28, Nobleboro

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Bayview Road
Stream Name	Unnamed stream, flows to Salt Bay/Damariscotta R.
Existing Culvert Size & Material	Circ. Plastic, 4' w x 61' 8" l.
Crossing Age	5 yrs.
Bankfull width and method	9.21', BFW measured US & DS averaged.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	OBarch, aluminum, 12' w x 4'3" h x 60' l.

Estimated time to failure	3-5 yrs.
Previous flooding or failure events, documentation, culvert condition, age	None documented or presented.
Change in culvert capacity	Yes, undersized now and substantial increase.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	No.
Cut-offs or detours	135 houses and 3 businesses detoured, no cut-offs. 1,000 card/day, 4.5 mi. detour.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	See above, high traffic count. Posted at 10 tons currently.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-28, Nobleboro

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? Gradient completed, see next for BFW.
1.2 x BFW or Tidal analysis sizing, considerations performed	9.21', BFW measured US & DS averaged. Not tidal through upstream of estuary.
Natural Bottom information; Banks within structure?	Open bottom will allow natural streambed, banks.
New Structure considerations	Aluminum is questionable choice for construction material.
Barrier status, source	May be barrier at lower flow due to some perching. Severely crushed at upper end due to poor installation.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Just off Salt Bay and upstream, average ratings from IFW and DMR, Mike Brown indicated sea run smelt spawn but do not make it up to culvert area due to gradient. Management plan in place.
Habitat Opened/Improved	0.55 mi opened.
Fish present, source of info	Eels, mummichogs, serum smelt to not make it upstream to this crossing (DMR).

III. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$501k summer line items.
Total Match;	Requested: \$150k
% Match proposed	Match: \$353k
Engineering	: Calderwood Engineering : Contech Engineering
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	None noted.
Construction year	2023

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-28, Nobleboro

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required Open bottom arch, aluminum OB arch structure; large match required and uncertain from town fund; money not allocated but '23

construction required. Cost estimate thought to be estimated high.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-29, Peru

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Dickvale Road
Stream Name	Unnamed stream, drains to Spears Stream
Existing Culvert Size & Material	OBB concrete, 6' w x 4'3" h x 23' l.
Crossing Age	72 yrs. old.
Bankfull width and method	7.75', US & DS BFW measured and averaged.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete OBB, 12' w x 4'10" h x 28' l.

Estimated time to failure	3-5 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Debris issues several times annually, overtopping mentioned over last ten years.
Change in culvert capacity	Upgrade by 2X
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Some debris issues, undersized for stream width.
Cut-offs or detours	80+ houses, 6 businesses detoured 6.5 mi. 679 cars/day.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Truck traffic from logging and gravel pit adjacent.

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-29, Peru

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	7.75', US & DS BFW measured and averaged.
Natural Bottom information; Banks within structure?	Yes, natural bottom & streambed/banks.
New Structure considerations	None.
Barrier status, source	No DS or US claimed, sounds like culvert is partially obstructed and inhibits passage now.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Cannot pass fish, would allow passage to habitat US. BKT would benefit from improved/opened passage for summer thermal refugia, access to spawning/nursery habitat. Modelled ATS, class 1 15.55 units.
Habitat Opened/Improved	1.34 mi. US habitat opened to passage.
Fish present, source of info	BKT high value for IFW, modelled At. Salmon.

III. Cost Efficiency and Effectiveness

iii. Oost Efficiency and Effectiveness	
Total Project Cost;	Total: \$188k
Total Match;	Requested: \$150k
% Match proposed	Match: \$38k
	:Calderwood Engineering
Engineering	:
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	Minimal repairs, \$0 for closures.
Construction year	2023
Feasibility for success;	Pricing seems reasonable, good BFW measurements, smaller match
Additional efficiencies;	amount a smaller percentage but very do-able to fund,
Design concerns or	
clarification required	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-30, Richmond 1

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Brown Road
Stream Name	Abagadasset River
Existing Culvert Size &	CMP 72" w x 51' l.
Material	
Crossing Age	50+ yrs.
Bankfull width and method	14.8' measured US & DS BFW averaged.
New Structure size & type.	Concrete CBB, 18' w x 8' h x 45' l.
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Debris twice yearly, flooding and documented with pics. Three near washouts in last 10-15 years due to debris plugging.
Change in culvert capacity	Major increase from 5' round to 18' rectangle.
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Yes, debris issues and spring/fall plugging with head buildup US, cleanout required to prevent failure.
Cut-offs or detours	64 houses, 3 businesses detoured, 257 cards/day, 4.7 mi. detour, no cutoffs.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	See above.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-30, Richmond 1

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 14.8' measured US & DS BFW averaged.
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes.
Natural Bottom information; Banks within structure?	Set below grade, CBB to be backfilled with material, so nat. bottom provided with banks.
New Structure considerations	
Barrier status, source	Perched culvert 6" drop at outlett, no passage currently.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Lower rank for IFW (1), low gradient stream with WW species only, DMR assigned a 2 ranking. ATS critical habitat in app.
Habitat Opened/Improved	Tough to determine as this small Abby R. trib flow under I95 just DS of site, passage there might be tough/long culverts. Only about 1,000 ft below site.
Fish present, source of info	App. no listed species, IFW found WW species only.

Total Project Cost; Total Match; % Match proposed	Total: \$397k Requested: \$150k Match: \$247k
Engineering	: Pine Tree Engineering, Rob Prue :
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	Not documented, town labor and equipment.
Construction year	2023

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-30, Richmond 1

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Same stream as second site, plans in hand, closed bottom CB, match
Additional efficiencies;	from committed local taxes, most all work completed to make it work.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-31, Richmond 2

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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

Road name	Lincoln street
Stream Name	Unnamed stream, Flows to Mill Brook, Kennebec R.
Existing Culvert Size &	CMP & HDPE plastic, twin 48" CMPs, one 36" HDPE, all 50' I. CMPs slip
Material	lines with plastic at some point to extend life.
Crossing Age	50+ yrs. CMPs, 20+ yrs. HDPE.
Bankfull width and method	14.8', US & DS measured and averaged.
New Structure size & type.	CBB concrete 18' w x 8' h x 50' l.
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Consistent flooding and debris issues throughout the year, 2016 flooding led to slip lining of CMPs to pass more flow. No photos to document flooding issues.
Change in culvert capacity	Large increase from 3 round culverts to 18' opening. Large clear span will aid in debris passage.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Yes, frequent debris issues require cleaning.
Cut-offs or detours	56 homes detoured, 1 critical infrastructure. 272 cards/day, 6.3 mi. detour. Solid Waste Transfer Station is the infrastructure nearby.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Transfer station besides houses detoured.

Rev. 2/4/2020

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-31, Richmond 2

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 14.8', US & DS measured and averaged, profile conducted.
1.2 x BFW or Tidal analysis sizing, considerations performed	Box bottom to be set below elevation and backfilled with streambed material, banks constructed.
Natural Bottom information; Banks within structure?	See above.
New Structure considerations	Should pass debris issues much more easily, minimize maintenance issues.
Barrier status, source	Potential barrier,
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	BND, Creek chub, WHS, moderate priority for IFW, seems to be warmwater fish habitat; in critical salmon habitat; DMR assigned 2/5, smelts DS in Mill Brook but not clear if they would access as far upstream as this site;
Habitat Opened/Improved	2.67 mi. blocked US; one barrier US and none DS;
Fish present, source of info	Warmwater species freshwater, but is within At. Salmon critical habitat.

iii. Oost Emelency and Enectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$424k summed line items in app. Requested: \$150k Match: \$274k
Engineering	: Pine Tree Engineering, Rob Prue :
Army Corp Permit info	Contacted corps
Costs over previous 10 years	\$30k in repairs, \$1k in road closures.
Construction year	2023

**RFP#**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-31, Richmond 2

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Somewhat expensive project, large town input required.
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-32, Rockland

DATE: 12/6/2022

**EVALUATOR NAME: J. 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

Road name	Bog Road (aka Dunbar Road)
Stream Name	Branch Brook, flows to Mill River
Existing Culvert Size & Material	CMP 66" dia. W x 74" h x 50'6" l.
Crossing Age	40-50 yrs. old.
Bankfull width and method	10.8' measured US & DS and averaged.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	CMP open bottom arch, 12' w x 8'10" h x 55' l.

Estimated time to failure	3-5 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Not overtopped, but flooded in last ten years, regular debris issues, photos included, unsafe to traffic documented.
Change in culvert capacity	Yes, large increase from 66" diameter to 12' w arch opening.
Design meets DOT 100-year flood standard	yes
Regularly obstruction or maintenance required	Yes, debris buildup documented as problem.
Cut-offs or detours	15 cut-off houses, no businesses. Dozen seasonal camps. 106 cars/day traffic.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	See above. All cut-offs.

Rev. 2/4/2020

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-32, Rockland

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

	II. Deficites to 1 ion & Whalie		
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:		
1.2 x BFW or Tidal analysis sizing, considerations performed	10.8' measured US & DS and averaged.		
Natural Bottom information; Banks within structure?	Open bottom structure so natural bottom, banks.		
New Structure considerations	Will open up passage due to currently perched culvert.		
Barrier status, source	Currently barrier with major perched outlet at substantial height,		
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Both IFW & DMR gave it a 1 rank, low priority, modelled ATS habitat, 12.78 100m <sup>2</sup> blocks, suggested BKT habitat.		
Habitat Opened/Improved	2.33 mi. blocked currently and opened US, no US or DS barriers, so large habitat connection afforded with proposal;		
Fish present, source of info	Eels BND, GLS, warmer water fish assemblage in Oct survey.		

iiii Goot Emolonoy und Emoduvonede	
Total Project Cost;	Total: \$435k?
Total Match;	Requested: \$150k
% Match proposed	Match: \$285k
F	: engineer for town
Engineering	:
Army Corp Permit info	Corps will be contacted, not yet done.
Costs over previous 10 years	\$1,500 on physical repairs.
Construction year	2024

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-32, Rockland

DATE: 12/6/2022

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	5 BFW US & DS, engineer works for town, have not made all
Additional efficiencies;	connections but have more time ('24 date).
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-33, Rumford

**DATE: 12/6/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Isthmus Road
Stream Name	Scotty Brook; flows to Swift R., Androscoggin R.
Existing Culvert Size & Material	CMP 60" w x 68' l.
Crossing Age	50+ yrs.
Bankfull width and method	15' by US & DS measurements averaged.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete CBB, 18' w x 8' h x 65' l. Embedded to permit backfill with streambed material for bottom, banks.

Estimated time to failure	3-5 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Debris in spring, cleanout required. No wash outs or overtopping but does flood, photos included. 2011 failure during TS Irene, rebuilt with FEMA money.
Change in culvert capacity	Major increase from 60" to 18' opening.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	This crossing partially washed out during Tropical Storm Irene on August 27-29. 2011. The Town received reimbursement of \$26,327 from FEMA for roadway and embankment repairs.
Cut-offs or detours	33 house detour, 1 business, no cut-offs.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	371 cars/day, 8.4 miles, Black Mountain Ski resort as business (some traffic volume). Gravity sewer in road crossing, impacted by failure of crossing.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-33, Rumford

**DATE: 12/6/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	15' by US & DS measurements averaged.
Natural Bottom information; Banks within structure?	Yes, natural bottom by below grade embedding & backfill with streambed and banks.
New Structure considerations	Below grade embedding will resolve current perched culvert passage block.
Barrier status, source	Barrier according to app.; perched 1 ft above DS streambed.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits  Habitat Opened/Improved	Coldwater fish habitat, IFW important trib to Swift River, which is the most important major spawning habitat, actual picture of possible BKT, longnosed dace are rarer and of concern, also potential ATS habitat according to app.  2.2 mi. roughly (our DEP calculation, tribs above) opened.
masitat Openea/improved	2.2 mi. rouginy (our DEF calculation, thus above) opened.
Fish present, source of info	Electrofishing showed BKT, BND, longnosed dace (Sp. Of special concern) BND.

iii. Oost Emciency and Enectiveness	
Total Project Cost;	Total: \$467k
Total Match;	Requested: \$150k
% Match proposed	Match: \$317k
Engineering	: Pine Tree Engineering prepped app., site visit.
Army Corp Permit info	Corps contacted.
Costs over previous 10 years	This crossing partially washed out during Tropical Storm Irene on August 27-29. 2011. The Town received reimbursement of \$26,327 from FEMA for roadway and embankment repairs.
Construction year	2023

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-33, Rumford

**DATE: 12/6/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	3 BFW US & DS, 4 sided CB, contacted DOT, plans in hand, taxation
Additional efficiencies;	match "committed."
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE: 12/6/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Scraggly Lake Rd
Stream Name	Unnamed stream; drains to Sawtelle Brook
Existing Culvert Size & Material	Concrete OBB in app. 24" diameter temporary plastic pipe? Emergency repair last year with existing stock culvert. Previous was 15" CMP.
Crossing Age	1 year? Temp replacement likely to overtop?
Bankfull width and method	60" measured upstream only, no DS measurements.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	45' w x 5' h x 40' l concrete OBB replacement, 45' width makes no sense, but 45" too small if that is what was intended. Typo, needs clarification. Prelim. Crossing width also off and stated as 40'.

Estimated time to failure	<1 yr.
Previous flooding or failure events, documentation, culvert condition, age	Overtopping during spring 2022. Some surface gravel lost/washed out.
Change in culvert capacity	Unclear as stated size is massive and likely in error.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Emergency replacement with 24" last year, >\$3k cost.
Cut-offs or detours	46 cutoff homes, 6 businesses (guides?), 1 critical infrastructure (but what???).
Affected residents, business, affected critical infrastructure, other safety issues, traffic	No car/day count, hard to assess usage or need other than cut.

**RFP #**: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE: 12/6/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width,	Bankfull width method:
method, & confidence; skew	Longitudinal profile of stream beyond culvert influence included?
matches stream, longitudinal	60" measured upstream only, no DS measurements. Profile to be
profile?	done later.
1.2 x BFW or Tidal analysis	45" proposed does not meet 1.2 BFW, which is assumed instead of 45'
sizing, considerations	mistakenly proposed width.
performed	
Natural Bottom information;	App. mentions ledge under temp replacement? Perched outlet
Banks within structure?	continued problem.
New Structure considerations	Ledge under temp replacement might mean difficult installation?
Barrier status, source	Yes, IFW complaint to LUPC re: barrier status; perched about 1 ft.
	based on app.,
Benefits to Fish & Wildlife;	Hard to tell from deficient app, but possible backwater US, not much
Water quality improvements;	info.; both agencies (IFW & DMR) scored it 1/5, but there is some
Support letters, other notable	significant habitat opened above.
benefits	
Habitat Opened/Improved	3.45 mi. opened US as per app., 0.98 mi. DS to next crossing/barrier;
Fish present, source of info	No fish present (via IFW, DMR), very little info;

iii. Goot Emolency and Emocriveness	
Total Project Cost;	Total: \$76.5k summed line items
Total Match;	Requested: \$44.7k
% Match proposed	Match: \$30k committed county
Fusing spins	: Plymouth Engineering cost estimate (p. 15)
Engineering	:
Army Corp Permit info	Will be contacted in future.
Costs over previous 10 years	Downslope ditch shaped and riprapped.
Construction year	2023

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements BIDDER NAME: 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE: 12/6/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	3 US BFW but chose different size; cost estimate low based on work
Additional efficiencies;	that might be required & so bid issues/taxation & match? Some
Design concerns or	inconsistencies in app. plans and sizing with 45' proposed? Is that 45"?
clarification required	Thus, still not appropriate design. Not committing to 1.2 BFW.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-36, Topsham

**DATE: 12/6/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Tedford Road
Stream Name	Unknown name; trib to Cathance River
Existing Culvert Size & Material	CMPs, 24" & 36", 56' long; 24" is inside a second 36" old CMP as a slipline of sorts.
Crossing Age	25 yrs.
Bankfull width and method	7.9' measured US& DS BFW, averaged.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete CBB, 12' w x 6' h x 56' l.

Estimated time to failure	3-5 yrs
Previous flooding or failure events, documentation, culvert condition, age	Debris but no flooding or overtopping. Culverts undersized and contribute to slow flow and ponding upstream. Blockage 15-18 years ago with fire dept. involvement to prevent overtopping.
Change in culvert capacity	Yes, large increase from small CMPs to large 12' opening.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Requires cleaning 2-3 times/yearly. No flooding or overtopping events. Some slowing of stream, some ponding upstream of crossing.
Cut-offs or detours	Detour over private gravel road owned by retirement community, so could access their site if failure of crossing. Not ideal.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Retirement community nearby, see above. Not cut-off but detour on gravel road. 135 cars/day. 2.6 mi. detour.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-36, Topsham

**DATE: 12/6/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	7.9' measured US& DS BFW, averaged.
Natural Bottom information; Banks within structure?	Yes, proposed CBB to be embedded to allow fill with streambed material, banks.
New Structure considerations	Funding, unclear.
Barrier status, source	Yes currently a barrier, 1.82 mi. US, dam/barrier documented DS on MSHV, trib to Cathance R.,
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW no data but heavy development, DMR no diadromous value, likely warmwater species if much fish population at all. Modelled ATS habitat only.
Habitat Opened/Improved	1.82 mi. upstream, currently a barrier and would be opened to passage, however unknown/few fish.
Fish present, source of info	BKT habitat; app says "allow connectivity to the Cathance River which has mapped Atlantic Salmon, Alewife, Sea-Run Rainbow Smelt, and Brook Trout habitat."

### III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$872 total cost??? Summed line items, but seems very high.
Total Match;	Requested: \$150k
% Match proposed	Match: Not budgeted, unclear.
Fig. size a serie s	: Wright-Pierce
Engineering	:
Army Corp Permit info	Contacted by March 31, 2023?
Costs over previous 10 years	\$75k in lining and bank repairs to extend life of existing.
Construction year	2023

Rev. 2/4/2020

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-36, Topsham

**DATE: 12/6/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required Funds not currently committed, city budget process, costs based on other projects, total to be determined after final plans & cost

estimates.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-37, Troy

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Bog Rd
Stream Name	Unnamed, poss. Trib or connection to Carlton Pond
Existing Culvert Size & Material	6.2' w CMP, 5' height, 36' long; not enough cover on top,
Crossing Age	26 yrs.
Bankfull width and method	295' measured US& DS averaged, backflooded area. 11.8' – 12' MSHV & StreamStats.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete bridge/span, 17' w x 6' h x 36' l, 13' clear span.

Estimated time to failure	<1 yr.
Previous flooding or failure events, documentation, culvert condition, age	Beaver debris plugging common, unsafe in last 10 yrs., undersized.
Change in culvert capacity	Large increase from 6.2' at widest diameter to 17' rectangular.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Regular beaver debris, clogging, cleaning.
Cut-offs or detours	16 homes detoured, 0.4 to 1.1 miles detour.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	124 c/d count, pretty low traffic usage.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-37, Troy

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 295' measured US& DS averaged, backflooded area. 11.8' – 12' MSHV & StreamStats.
1.2 x BFW or Tidal analysis sizing, considerations performed	Backflooded so modelled widths are more appropriate than large measured widths.
Natural Bottom information; Banks within structure?	Yes, open bottom.
New Structure considerations	Backflooded area so sizing may be appropriate as presented.
Barrier status, source	Yes barrier at certain flows, beaver activity causes plugging, some perching at DS end,
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Better terrestrial passage, as well as low water fish passage, will be afforded. Closely associated wetlands on both sides of crossing and adjacent IFW/Federal waterfowl wildlife management area.
Habitat Opened/Improved	10.46 US mi. US opened,
Fish present, source of info	BLC, LMB, PKS, YLP, PKL, warmwater species assemblage, larger wildlife benefit w/associated wetlands N and S of project.

iii. Oost Emciency and Enectiveness	
Total Project Cost;	Total: \$60k
Total Match;	Requested: \$40k
% Match proposed	Match: \$20k
	: will not be engineer stamped or designed
Engineering	:
Army Corp Permit info	Contacted ACORE
Costs over previous 10 years	Temp repair in 2022 for \$2k, flat metal sheeting and gravel overfill.
Construction year	2023

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-37, Troy

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	17' bridge proposed for little money, likely not feasible, no engineer
Additional efficiencies;	involved yet, costs will be quite a bit higher.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-38, Waldoboro

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Elm St.
Stream Name	Orff's Brook, Trib to Medomak River
Existing Culvert Size & Material	7' w x 7' h x 22' l. OBB, concrete,
Crossing Age	45 yrs.
Bankfull width and method	15.54', from US & DS measurements averaged, used less BFW of 9.47' for prelim sizing. Will be redone later by qualified person.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete OBB, 10' w x 10' h x 40' l.

Estimated time to failure	<1 yr?
Previous flooding or failure events, documentation, culvert condition, age	Public works director fears failure due to heavy load, aka oil delivery.
Change in culvert capacity	Perhaps insufficient for fish/wildlife purposes? Not 1.2, needs to reevaluated.
Design meets DOT 100-year flood standard	Yes, will as promised. Redesign? Will meet 1.2 BFW in app. promise?
Regularly obstruction or maintenance required	No flooding or maintenance, just undersized.
Cut-offs or detours	Only 2-3 residents, 3 cutoffs, 128 cars/day.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Critical infrastructure, pumping station for sewer department would be cut off with failure.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-38, Waldoboro

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	TBD, promised but not in current rough design.
Natural Bottom information; Banks within structure?	Yes, open bottom with banks.
New Structure considerations	Undersized as rough sedign?
Barrier status, source	Yes, perched & hanging,
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW gives 5/5 rank, "very high priority", currently perched/hanging culvert, this trib connects below cataract/falls area on Medomak R. so provides passage US in trib where little passage is possible on mainstem Med. R.; DMR 5/5 sea
Habitat Opened/Improved	0.2 mi. US to next potential barrier, US barrier potential is possible on MSHviewer, unclear so length opened is questionable. Other US projects needed.
Fish present, source of info	Wild BKT, alewife, anadromous RB smelt, alewife pond/spawning habit, high value to both fisheries agencies.

iii. Gost Emolency and Encouveness	
Total Project Cost;	Total: \$226.2 summed line items.
Total Match;	Requested: \$150k
% Match proposed	Match: \$60k
Engineering	: no engineer yet, but plan to: previous engineering by G & D, but needs redesign.
	: Previously pricing from Gartley & Dorsky
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	None spent in anticipation of replacement in future.
Construction year	2024, some time to figure out deficiencies

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-38, Waldoboro

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required 1.2 BFW not done correctly, 15.4' ave. then chose 9.47', then chose project sizing; Concerns then about cost estimate for longer span; also ten ft. clearance is probably not required hydraulicly (maybe just road height?); sizing impacts feasibility; cost estimate loose but padded with 20% to accommodate for that; funding is committed by town, various sources. Cost likely to be higher due to larger sizing required.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-39, Wales

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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

Road name	East Road
Stream Name	Jock Stream, flows to Cobbosseecontee Str., Kennebec R.
Existing Culvert Size & Material	6' w x 8'2" h x23.5' l OOB, concrete,
Crossing Age	~80 yrs.
Bankfull width and method	6.3' measured US& DS averaged.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	CM open bottom arch, 15' w x 6'7" h x 45' l.

Estimated time to failure	10+ yrs.
Previous flooding or failure events, documentation, culvert condition, age	Beaver dams 6-8 times yr., no flooding or overtopping, just undersized.
Change in culvert capacity	Large increase from 6' w to 15' wide.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Adjacent to wetland with beaver activity, but good height/clearance.
Cut-offs or detours	0 cuts/detours, 4 miles detour required. 300- 350 cars/day.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Just residential area need for detour, so traffic impact on neighborhood.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-39, Wales

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 6.3' measured US& DS averaged, profile later.
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes.
Natural Bottom information; Banks within structure?	Natural bottom with constructed banks.
New Structure considerations	
Barrier status, source	Not current barrier, flat gradient box, already passable.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	4/5 from IFW, based on BKT.
Habitat Opened/Improved	BKT habitat but not OPENED, as currently not a barrier at present.  Just gain width or flow improvement.
Fish present, source of info	BND, bullhead, GLS, creek chub, stickleback, WHS, plus IFW noted wild BKT. Diadromous incl: eels, blueback herring. 2 units of modelled class 32 ATS habitat.

#### III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$306.5k
Total Match;	Requested: \$150k
% Match proposed	Match: \$156.5k
Engineering	:
Engineering	: Main-land development consultants
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	\$3-5k, road closures and not repairs to structure.
Construction year	2023
Feasibility for success;	15' OB metal C arch proposed. Other options?
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-40, Warren

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

### I. Public Infrastructure Information/Public Safety

Road name	Beechwood Street
Stream Name	Peabody Brook, trib to West Branch Oyster R. & St. George River
Existing Culvert Size &	CBA, CMP, 10.83' w x 7.25' h x83' l.
Material	
Crossing Age	52 yrs.
Bankfull width and method	17' measured average US & DS.
New Structure size & type. Contacted DOT Bridge	Concrete CBB, 21' w x 21' h x 83' l. 21' high seems way off???
Program if 20 or greater?	

Estimated time to failure	3-5 yrs.
Previous flooding or failure	Not listed, just undersized.
events, documentation,	
culvert condition, age	
Change in culvert capacity	Large increase, 10= ft. up to 21' wide.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or	No, none listed.
maintenance required	
Cut-offs or detours	Not well described other than busy intown location, 11 miles detour
Cut-ons of detodis	required.
Affected residents, business,	1,059 traffic count, quite high.
affected critical infrastructure,	
other safety issues, traffic	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-40, Warren

DATE: 12/7/22

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 17' measured average US & DS.
1.2 x BFW or Tidal analysis sizing, considerations performed	Good.
Natural Bottom information; Banks within structure?	Backfilled with natural bottom, no banks to be constructed.
New Structure considerations	Should have terrestrial passage banks added to design.
Barrier status, source	Potential barrier, may depend on flow.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No DMR score, IFW score 3/5,
Habitat Opened/Improved	1.07 mi. US habitat, then dam at pond outlet a mile US.
Fish present, source of info	Eel, BND, creek chub, WHS, no BKT in fish collection but habitat could be available for trout, not robust population?

#### III. Cost Efficiency and Effectiveness

m. Gost Emoichey and Emodification	
Total Project Cost;	Total: \$646k from summed line items in app.
Total Match;	Requested: \$150k
% Match proposed	Match: \$450k some committed match and other planned.
Factoria	:none listed
Engineering	:
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	None known, claimed.
Construction year	2022? Not possible, in error.

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-40, Warren

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	MDOT report; 4 sided CB, over 20' w; 21' high??? Some match
Additional efficiencies;	committed and some planned, ability to raise additional money. Sizing
Design concerns or	needs to be refined after site work and engineering input, but may
clarification required	have an impact on pricing. Many variables.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-41, Wells 1

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Newhall Rd.
Stream Name	Green Brook, trib. to Ogunquit River
Existing Culvert Size & Material	5.4' OBB, stone, 5.4' w x 5.8' h x 20' l.
Crossing Age	unknown
Bankfull width and method	11.7 ft, measured average of US& DS.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete bridge/span 25' w x 5' h x 20' l. 25' clear span. So wide to use precast bridge section.

Estimated time to failure	1-3 yrs.,
Previous flooding or failure events, documentation, culvert condition, age	Flooding, overtopped 2006, photos of flooding and damage, undersized crossing, no debris issues.
Change in culvert capacity	Large change from 5.4' to 25' span.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	2020 \$45k costs for (due to broken granite beam) temp bridge and crane mats.
Cut-offs or detours	1 house 1 business cut-off, no detour. 173 cars/day
Affected residents, business, affected critical infrastructure, other safety issues, traffic	173 trips/day, fishing location, business/home based electrical, one two family home, road abandoned past house.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-41, Wells 1

**DATE: 12/5/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 11.7 ft, measured average of US& DS.
1.2 x BFW or Tidal analysis sizing, considerations performed	See above.
Natural Bottom information; Banks within structure?	Natural bottom and banks built, open bottom with span.
New Structure considerations	To include banks and span so natural bottom.
Barrier status, source	Not potential barrier, already passable to fish;
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW found value, Jacob Aman too from WNERR for BKT habitat, IFW 5/5. American eel, and wild BKT. Also GLS, WHS, pearl dace.
Habitat Opened/Improved	Not currently barrier, next US is open as well to fish passage.
Fish present, source of info	Documented BKT, eel, GLS, WHS, potential for pearl dace. Am. Eel present.

#### III. Cost Efficiency and Effectiveness

III. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$317k??
Total Match;	Requested: \$150k
% Match proposed	Match: committed in Bond, TBD
Engineering	: Town PE, public works
	: Walsh Engineering
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	Regular road maintenance, \$45k in 2020 for temp bridge due to
	flooding.
Construction year	2023
Feasibility for success;	BFW 3 US & DS, chose larger value; proposed larger bridge than
Additional efficiencies;	perhaps required;
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-42, Wells 2

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Coles Hill Road
Stream Name	Merriland River, Little River tributary
Existing Culvert Size & Material	OBA, CMP, 16' w x 12.2' h, 36.5' l, temp fix from 1997
Crossing Age	Temp installed in 1997.
Bankfull width and method	49 ft., measured average US & DS.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	61 ft bridge/span, steel bridge w/concrete abutments, 61' w x 12' h x 32' l, 59' clear span.

Estimated time to failure	1-3 yrs., estimated within one year with current erosion.
Previous flooding or failure events, documentation, culvert condition, age	Large holes, bulging fabric, wing walls. Debris and flooding issues, photos provided, crossing about half stream width. Temp crossing was not engineered, is undersized, and failing.
Change in culvert capacity	Very large, 16' to 59'.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Numerous problems, road maintenance plus temp crossing at considerable expense in '97.
Cut-offs or detours	7-10 mi detour (cars vs. trucks), 683 trips, 20-25 house detours, 1 business (golf course), access is from Rte. 1,
Affected residents, business, affected critical infrastructure, other safety issues, traffic	10 mile truck detour, longer due to load restrictions?

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-42, Wells 2

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 49 ft., measured average US & DS.
1.2 x BFW or Tidal analysis sizing, considerations performed	Long span for wide stream.
Natural Bottom information; Banks within structure?	Span with natural bottom and banks for terrestrial passage.
New Structure considerations	Bridge is desirable solution. High cost.
Barrier status, source	Not currently barrier to fish passage, none US either,
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Wild BKT habitat, DS Merriland River is stocked with BKT & BNT too, high water issues at site, due to runoff and drainage area, but not a barrier.
Habitat Opened/Improved	Not currently barrier, good trout habitat but already accessible.  Potential benefits to ribbon snake, cottontail, spotted turtle via terrestrial passage (documented within a mile).
Fish present, source of info	BKT habitat (for wild), plus stocked DS in Merriland R. BNT stocked as well DS in Merriland.

iii. Oost Eniciency and Enectiveness	
Total Project Cost;	Total: \$1,880,000
Total Match;	Requested: \$150k
% Match proposed	Match: Bond, TBD. Large sum but undetermined at present.
Engineering	: town PE, public works : Walsh Engineering
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	Undetermined for road closure, \$50k for road repairs in 2022.
Construction year	2024

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-42, Wells 2

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or
clarification required

60 ft. proposed crossing width, very long and high cost. Previous temp solution 25 yrs. back is insufficient. Tough project from cost and size

standpoint. Feasibility?

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-43, Whitefield

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	South Hunts Meadow Road
Stream Name	Unnamed outlet of Joy's Pond, not w. branch of Eastern River as in MSHV (misdesignated) but is a trib. To West Branch of Eastern R.
Existing Culvert Size & Material	4' CMP, 3' h due to deformation, 35 long.
Crossing Age	??
Bankfull width and method	10.6' only from MHSV, no measurements.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete OBB, 17.8' w x4.5' h x 28' l.

Estimated time to failure	<1 year
Previous flooding or failure events, documentation, culvert condition, age	Flooding and debris issues and photo documentation. One day clorue in '21 with two other flooding events in '21. More in 2022.
Change in culvert capacity	4' CMP diameter to 17.8' rectangular opening, large change.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Regular flooding 3 times 2021, one in 2022.
Cut-offs or detours	289 vehicles/day, shorter route not available, but not cutoff, 63 houses detoured and 3 businesses.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	63 houses, 3 businesses, 13 miles detour, fairly long w/traffic count.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-43, Whitefield

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

	<del>-</del>
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 10.6' only from MHSV, no measurements.
1.2 x BFW or Tidal analysis sizing, considerations performed	10.6' only from MHSV, no measurements. Measurements of US & DS BFW need to be conducted to evaluate sizing selection.
Natural Bottom information; Banks within structure?	Yes, open bottom and banks installed.
New Structure considerations	Needs to be reevaluated based on onsite measurements of BFW.
Barrier status, source	Currently barrier, culvert clogging, flooding.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW 2/5, not high priority, no diadromous value, although connection to tidal waters DS so American eel and possibly other species. Some value as cold water refugia due to cool stream temps. ATS modelled habitat.
Habitat Opened/Improved	0.73 mi. US, no barriers US beyond that, just short trib stretch.
Fish present, source of info	Creek chub, golden shiner, sunfish, eel, bullhead, chain pickerel.

Total Project Cost; Total Match;	Total: \$186k summed line items in app.  Requested: \$146k
% Match proposed	Match: \$40,258 voted funds already appropriated : town PE and stream restoration prof.
Engineering	:
Army Corp Permit info	Contacted corps & have permit.
Costs over previous 10 years	Multiple yearly debris removal costs (\$75/per), \$975 2022-23.
Construction year	2023

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-43, Whitefield

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Reasonable match already all approved, ACORE approved,
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-44, Winslow

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	North Pond Road
Stream Name	Farber Brook, flows to Pattee Pond Br., Sebasticook R.
Existing Culvert Size & Material	6.6' w CMP, 7.3' h x 69' l.
Crossing Age	40 years
Bankfull width and method	19.2' measured average US & DS widths.
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Concrete bridge/span, 24' w x 8' h x 42' l. 24' clear span.

Estimated time to failure	3-5 yrs.,
Previous flooding or failure events, documentation, culvert condition, age	No flooding, floor of culvert seems to be gone?, no debris clogging & no flooding documented, mostly culvert condition.
Change in culvert capacity	Large, 6+' diameter round to 24' span.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	No flooding or debris issues, mostly just culvert condition driving replacement.
Cut-offs or detours	Moderate detour, 70 homes, no businesses, 5.1 mi. detour.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	654 cars/day so considerable traffic detoured.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-44, Winslow

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 19.2' measured average US & DS widths.
1.2 x BFW or Tidal analysis sizing, considerations performed	19.2' measured average US & DS widths.
Natural Bottom information; Banks within structure?	Span w/open bottom, yes banks to be available for passage of terrestrials.
New Structure considerations	
Barrier status, source	CMP interior at different grade levels, little low flow passage,
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No BKT documented, little fisheries priorities, soil migration through holes in CMP so benefit to WQ from that improvement, modelled ATS habitat, class 1, 51.33 units.
Habitat Opened/Improved	22 mi. US but three barriers documented that impact passage.
Fish present, source of info	Little for fish data presented or priorities, hard to determine benefits to fisheries. Terrestrial passage on banks will be positive benefit.

#### III. Cost Efficiency and Effectiveness

iii. Oost Emclency and Enectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$420k summed line items in app. Requested: \$150k Match: \$270k
Engineering	: Dirigo Engineering :
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	<\$1k repairs, no closure costs.
Construction year	2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	Engineer cost estimate, municipal road budget, planned expenditure.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: Woolwich #1

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Murphy's Corner Road
Stream Name	Unnamed stream, trib to Back River & Brookings Bay
Existing Culvert Size & Material	5', circular CMP, 49' l.
Crossing Age	68 years
Bankfull width and method	10.8' measured average US & DS widths.
New Structure size & type.	Smooth metal pipe arch, 14' w x 9.75' h x 48' l.
Contacted DOT Bridge Program if 20 or greater?	

Estimated time to failure	10+ yrs.
Previous flooding or failure events, documentation, culvert condition, age	No flooding or debris issues, just undersized crossing. Culvert doesn't show any indication of structural deficiency.
Change in culvert capacity	Large increase from 5' diameter circular to 14' wide arch.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	No, no debris or cleanout issues.
Cut-offs or detours	90 houses detoured, no businesses, no cut offs, 240 cars/day. 7.9 mi. detour.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	See above.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** Woolwich #1

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?  1.2 x BFW or Tidal analysis	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? 10.8' measured average US & DS widths.  See above.
sizing, considerations performed	
Natural Bottom information; Banks within structure?	Yes, open bottom arch, banks to be constructed for terr. passage.
New Structure considerations	Reconsider aluminum pipe arch? Is this a cost decision?
Barrier status, source	Currently barrier, perched outlet to CMP, so increase in fish passage efficiency, from no to good terrestrial passage.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW & DMR give it a low score, Nature Conservancy mapping indicates some possibility of shad/blueback herring and ESA salmon.
Habitat Opened/Improved	2.12 mi. US, no DS barriers, only barrier in system.
Fish present, source of info	No fish sampled via electrofishing, amphibians sampled but no fish collected.

	mi cost Emisioney una Emostivonose	
Total Project Cost;	Total: \$189k summed line items in app.	
Total Match;	Requested: \$150k	
% Match proposed	Match: \$36k	
Engineering	: Calderwood Engineering	
Army Corp Permit info	Contacted corps.	
Costs over previous 10 years	\$0 stated in app.	
Construction year	2023	

**RFP#**: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: Woolwich #1

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Aluminum crossing with longevity issues, but otherwise good, good
Additional efficiencies;	fieldwork and BFW measurements.
Design concerns or	
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** Woolwich #2

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### **Individual Evaluator Comments**:

### I. Public Infrastructure Information/Public Safety

Road name	George Wright Road
Stream Name	Back River Creek, Flows to Pleasant Cove, Sasanoa R.
Existing Culvert Size &	10' w concrete CBB, 4'1' h x 45'6" l., circular CMP, 49' l. Really two 51 ¾"
Material	circular pipes.
Crossing Age	88 years
Bankfull width and method	Tidal site. MSHV of 12', StreamStats of 12.5', but Woods Hole Group
	hydraulic assessment 2021 = 75ft. No impacts on tidal height & timing.
New Structure size & type.	115' opening due to removal. NO replacement structure.
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	5-10 yrs.
Previous flooding or failure events, documentation, culvert condition, age	Flooding and photos. No debris issues. Flooding not in past ten years.
Change in culvert capacity	Removal gives unrestricted passage and tidal flow into tidal wetland/march.
Design meets DOT 100-year flood standard	N/A.
Regularly obstruction or maintenance required	No. Storm surge or high tide causes flooding nearby at lowest road elevation.
Cut-offs or detours	Detours 2.1 mi., not cut offs, 513 cars/day
Affected residents, business, affected critical infrastructure, other safety issues, traffic	I cut-off infrastructure issue. Water main will be relocated from under crossing to bored passageway during time of crossing removal.

#### II. Benefits to Fish & Wildlife

method, & confidence; skew matches stream, longitudinal	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? Tidal assessment to allow unrestricted timing and elevation of tidal cycle to inundate and drain upstream marsh habitat. Woods Hole
	Group did work.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: Woolwich #2

**DATE: 12/7/22** 

**EVALUATOR NAME: J. Stahlnecker** 

**EVALUATOR DEPARTMENT:** Environmental Protection

1.2 x BFW or Tidal analysis sizing, considerations performed	N/A, tidal site with wider requirement for full tidal passage without amplitude or timing impacts on tide in marsh.
Natural Bottom information; Banks within structure?	Yes, full removal of crossing with natural stream channel subsequent to removal.
New Structure considerations	Highest benefit by removal, for streambed, upstream marsh and fish passage.
Barrier status, source	Narrow passage problematic for fish passage but also barrier to adequate tidal flow/timing for marsh.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW & DMR are involved in partnering with this project to provide habitat and design insight for fisheries and terrestrial resources, tidal marsh, etc.
Habitat Opened/Improved	US marsh more evenly flooded by tidal flow, access to numerous fish species, incl: shortnose sturgeon, alewife, blueback herring, rainbow smelt, striped bass, American eel, tomcod, white perch.
Fish present, source of info	Large fish assemblage described by DMR. Poor passage due to constriction and velocity issues in current crossing.

III. Cost Efficiency an	iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$1,425,200 from summed line items in application. Requested: \$150k Match: \$1,275,200	
Engineering	: HNTB conceptual cost estimate, KELT for permitting	
Army Corp Permit info	Contacted corps.	
Costs over previous 10 years	2018-19 photos, no repairs in last ten yrs. 20-30 hrs./annually from fire dept to close road.	
Construction year	2025, requiring extension from DEP, tough to finish on time	
Feasibility for success;	NFWF two grants; 2018 and 2022 pending (check to see if this is	
Additional efficiencies;	expected/confirmed?). Many partners in IFW, DMR, others.	
Design concerns or		
clarification required		

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-1, Albany Twp (Oxford Co) **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22

**EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Patte Brook Road
Stream Name	Walker Brook
Existing Culvert Size &	(2) 48"Rx~30'L CMP
Material	
Crossing Age	22 years
Bankfull width and method	10.3 ft; multiple field average completed (3 up, 3 down)
New Structure size & type.	13'Sx5'Hx45'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed on 10/28/22
Program if 20 or greater?	

Estimated time to failure	3-5
	Twin pipe configuration traps debris at both the inlet
Previous flooding or failure	and outlet side of the culverts
events, documentation,	Flooding- 3 times in the past 10 years, previous washout, undersized, no
culvert condition, age	photos;December 1, 2020 water over road causing erosion
	around the culverts, which is undermining roadbed.
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Annually
Cut-offs or detours	Cut-off:0; Detours: 12; 1.65 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	no type listed

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements BIDDER NAME: 2022R-1, Albany Twp (Oxford Co) DATE: 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

II. Deficites to 1 isit & W	II. Beliefits to Fish & Whalle		
Field work: Bankfull width,	Bankfull width method:multiple field average completed (3 up, 3		
method, & confidence; skew	down)		
matches stream, longitudinal	BFW Acceptable upon application?: Yes		
profile?	Longitudinal profile of stream beyond culvert influence included? :		
	Complete		
1.2 x BFW or Tidal analysis	Yes		
sizing, considerations			
performed			
Natural Bottom information;	Embedded, Pebble Count Analysis		
Banks within structure?	Banks: Yes		
No. Charles and the street			
New Structure considerations			
Barrier status, source	potential		
Benefits to Fish & Wildlife;	Contacted IFW & DMR		
Water quality improvements;			
Support letters, other notable	James Pellerin, Regional Fisheries Biologist of MDIFW, said that this is		
benefits	a wild		
benefits	brook trout and wild landlocked salmon habitat, and that a larger		
	crossing		
	would be encouraged.		
Habitat Opened/Improved	3.7 miles		
Fish present, source of info	Wild brook trout, ATS; per IFW		
1.5 p. 656, 55466 5. 11116	Title Stock Gode, 7(15), per 11 W		

iii. Oost Emolendy and Emocriteriess	
Total Project Cost;	Total: \$295000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	Rob Prue, PE Plans Profile: Complete
Army Corp Permit info	Contact

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements
BIDDER NAME: 2022R-1, Albany Twp (Oxford Co)
DATE: 11/29/22, 11/30/22, 12/1/22, 12/2/22
EVALUATOR NAME: John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

Costs over previous 10 years	est \$5-10k
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-2, Bath

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Anchor Rd
Stream Name	Whiskeag Creek
Existing Culvert Size &	78"Rx36'L CMP
Material	
Crossing Age	25+ years
Bankfull width and method	0 ft; mulitple remote & field measurements
New Structure size & type.	none
Contacted DOT Bridge	DOT Bridge Program Contact? n/a
Program if 20 or greater?	

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	poor condition, corroded, unzipped no bottom Flooding- flooding numerous times during rain events,
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	debris removed several times/year, damage & 2 recent washouts documented
Cut-offs or detours	Cut-off:0; Detours: n/a
Affected residents, business, affected critical infrastructure, other safety issues, traffic	road not used for travel

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-2, Bath

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:mulitple remote & field measurements BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open - restoration, no structure, Closely match Banks: Yes
New Structure considerations	
Barrier status, source	potential
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR
Habitat Opened/Improved	0.28 miles
Fish present, source of info	none listed

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$533000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	Jaime Wallace PE, Wright-Pierce Engineer engaged Profile: TBD
Army Corp Permit info	Contact
Costs over previous 10 years	45000
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-3, Bridgton

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Wildwood Road
Stream Name	Sucker Brook
Existing Culvert Size & Material	6'Rx25'L Concrete Pipe
Crossing Age	60+ years
Bankfull width and method	14 ft; multiple field average completed (3 up, 3 down)
New Structure size & type.	17'Sx5'Hx25'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 8/10/22, spoke with Ben
Program if 20 or greater?	Foster on 8/8/22

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	deteriorating under heavy vehicle loads, rebar exposed Flooding- undersized. Residents report that the crossing has flooded twice in the last 10-years.
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	bi-monthly
Cut-offs or detours	Cut-off:0; Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	kids camp & homes

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-3, Bridgton

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (3 up, 3 down) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Embedded, Closely match Banks: Yes
New Structure considerations	
Barrier status, source	potential
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR
Habitat Opened/Improved	2.14-5 miles indicated miles
Fish present, source of info	wild brook trout MSHV, Cumberland county trout study

iii. Oost Efficiency and Effectiveness	
Total Project Cost;	Total: \$255000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	Brent Bridges, Woodard & Curran Engineer engaged Profile: TBD
Army Corp Permit info	Contact
Costs over previous 10 years	6500
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-4, Brooklin (& Sedgwick) **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22

**EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Hales Hill Road
Stream Name	Meadow Brook
Existing Culvert Size &	8.5'Sx5'Hx20'L Span
Material	
Crossing Age	50+ years
Bankfull width and method	11.1 ft; multiple field average ( 3 up, tidal down),
New Structure size & type.	15'Sx6'Hx28'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 6/28/22
Program if 20 or greater?	

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	prolonged effects of exposure to salt water Flooding- undersized, more flooding
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut-off:0; Detours: 5.7 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	mutual aid

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements BIDDER NAME: 2022R-4, Brooklin (& Sedgwick)

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average ( 3 up, tidal down), BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	No barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR Greg Burr- no fisheries concerns
Habitat Opened/Improved	0 miles
Fish present, source of info	eels, SR smelt(not documented by DMR), SR BKT -Bailey Bowden, Bagaduce River Monitor

	iii. Oost Emelency and Enectiveness	
Total Project Cost;	Total: \$373000	
Total Match;	Requested: \$150000	
% Match proposed		
	Andrew McCullough, PE	
Engineering	Engineer engaged	
Engineering	Profile: TBD	
Army Corp Permit info	Contact	
	\$63,752 was spent by the Maine DOT in 2022 to make repairs under	
Costs over previous 10 years	the contract to replace the Blue Hill Falls Bridge as this is a potential	
	detour route.	
Construction year	0	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-5, Brownville **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Spencer Road
Stream Name	Alder Brook
Existing Culvert Size &	(1) 3'Rx40'L, (1) 2'Rx43'L CMP
Material	
Crossing Age	15 years
Bankfull width and method	7.4 ft; multiple field average completed (5 up, 5 down)
New Structure size & type.	10'Sx~6'Hx44'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 11/9/22
Program if 20 or greater?	

Estimated time to failure	5-11
Previous flooding or failure events, documentation, culvert condition, age	large scour hoel at outlet, undersized. 15 years ago was impassable from storm, 2 hanging culverts Flooding- Approximately every 2-3 years
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	every 3-5 years
Cut-offs or detours	Cut-off:5; Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	5 homes

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-5, Brownville **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (5 up, 5 down) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	potential
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR
Habitat Opened/Improved	0.44 miles
Fish present, source of info	none listed

iiii Goot Emoloney und Emoctivoneco	
Total Project Cost;	Total: \$178000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	Greg MacAlister; Calderwood Engineering Engineer engaged Profile: TBD
Army Corp Permit info	Contact
Costs over previous 10 years	0
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-6, China

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Ingraham Road
Stream Name	Hewitt Brook
Existing Culvert Size &	(1) 2'Rx52'L, (10) 2.75'Rx52'L CMP
Material	
Crossing Age	unknown years
Bankfull width and method	7.25 ft; 2 Field measurements, additional field work necessary to confirm
New Structure size & type.	9.5'CS(11.3'TS) x36'L
Contacted DOT Bridge	DOT Bridge Program Contact? n/a
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	completely rusted out culverts Flooding- no flooding documented, beavers cause obstructions
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Annually
Cut-offs or detours	Cut-off:0; Detours: 19, 3.3 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	homes

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-6, China

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width,	Bankfull width method:2 Field measurements, additional field work
method, & confidence; skew	necessary to confirm
matches stream, longitudinal	BFW Acceptable upon application?: No
profile?	Longitudinal profile of stream beyond culvert influence included? :
	Complete
1.2 x BFW or Tidal analysis	Yes
sizing, considerations	
performed	
Natural Bottom information;	Open Bottom, footings below VAT, Pebble Count Analysis
Banks within structure?	Banks: Yes
Barnes Within Stracture.	Daliks. 165
New Structure considerations	
Barrier status, source	Barrier
Benefits to Fish & Wildlife;	Contacted
Water quality improvements;	
Support letters, other notable	
benefits	4.50
Habitat Opened/Improved	4.58 miles
Fish present, source of info	present

ini ocot Emolonoy una Emocuvonece	
Total Project Cost;	Total: \$175000
Total Match;	Requested: \$150000
% Match proposed	
	St. Germain
Engineering	Plans
	Profile: Complete
Army Corp Permit info	Contact
Costs over previous 10 years	cleaning costs
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-7, Cornish

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Back Street
Stream Name	Little River
Existing Culvert Size &	(2) 5'Rx40'L CMP
Material	
Crossing Age	35 years
Bankfull width and method	TBD, no modelled or measured values
New Structure size & type.	TBD
Contacted DOT Bridge	DOT Bridge Program Contact? No, intend to contact
Program if 20 or greater?	

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	culverts are collapsing, road is collapsing Flooding- no flooding/overtopping but has been damaged by flooding
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no time frame included
Cut-offs or detours	Cut-off:0; Detours: 1 mile
Affected residents, business, affected critical infrastructure, other safety issues, traffic	none listed

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-7, Cornish

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

II. Deficites to 1 ion & W	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:TBD, no modelled or measured values BFW Acceptable upon application?: No Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Closely match Banks: Yes
New Structure considerations	
Barrier status, source	potential barrier per photos
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted No contact
Habitat Opened/Improved	0.7 miles
Fish present, source of info	BKT per IFW

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$165000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	Sebago Technics Engineer engaged Profile: TBD
Army Corp Permit info	TBD
Costs over previous 10 years	0
Construction year	2023

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-8, Cumberland 1 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Greely Road # 1 (Maxfield Brook)
Stream Name	Maxfield Brook
Existing Culvert Size & Material	6'Rx40'L CMP
Crossing Age	40+ years
Bankfull width and method	10.2 ft; TDB, Modelled values only,additional field work necessary to confirm
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	13'Sx8'Hx44'L DOT Bridge Program Contact? Yes, emailed 11/2/22

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	deteriorated, embankment not stable Flooding- several overtopping events, damage from flooding, washouts
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut-off:0; Detours: 10 homes, 1 business. 6.9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-8, Cumberland 1 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width,	Bankfull width method:TDB, Modelled values only,additional field
method, & confidence; skew	work necessary to confirm
matches stream, longitudinal	BFW Acceptable upon application?: No
profile?	Longitudinal profile of stream beyond culvert influence included? :
	Complete
1.2 x BFW or Tidal analysis	Yes
sizing, considerations	
performed	
Natural Bottom information;	Open Bottom, footings below VAT, Closely match
Banks within structure?	Banks: Yes
Barms William Scraecare.	Dalks. 165
New Structure considerations	
Barrier status, source	potential
Description Fish O Metallife	C + LIFIN O DATE
Benefits to Fish & Wildlife;	Contacted IFW & DMR
Water quality improvements;	no fisheries data available but fish in drainage
Support letters, other notable benefits	
Habitat Opened/Improved	1.18 miles
Habitat Opened/Improved	1.16 miles
Fish present, source of info	eels

iiii Goot Emolonoy und Emocuroness	
Total Project Cost;	Total: \$200000
Total Match;	Requested: \$150000
% Match proposed	
	Sevee & Maher Engineers
Engineering	Engineer engaged
Engineering	Profile: Complete
Army Corp Permit info	Contact
Costs over previous 10 years	2500
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-9, Cumberland 2 DATE: 11/29/22, 11/30/22, 12/1/22, 12/2/22 **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:

Road name	Greely Road # 2 (Windle Brook)
Stream Name	Windle Brook
Existing Culvert Size &	4'Rx40'L CMP
Material	
Crossing Age	45+ years
Bankfull width and method	8.8 ft; TDB, Modelled values only, additional field work necessary to
	confirm
New Structure size & type.	11'Sx6'Hx44'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 11/2/22
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	deteriorated, embankment not stable Flooding- several overtopping events, damage from flooding, washouts.
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	Cut-off:0; Detours: 10 homes, 1 business. 6.9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements BIDDER NAME: 2022R-9, Cumberland 2

DATE: 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

II. Delicing to I isil & W	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:TDB, Modelled values only,additional field work necessary to confirm BFW Acceptable upon application?: No Longitudinal profile of stream beyond culvert influence included?: Complete
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Closely match Banks: Yes
New Structure considerations	
Barrier status, source	potential
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR no fisheries data available but fish in drainage
Habitat Opened/Improved	0.28 miles
Fish present, source of info	eels

	mir otto zmolonoj una zmotrivinoto	
Total Project Cost;	Total: \$200000	
Total Match;	Requested: \$150000	
% Match proposed		
	Sevee & Maher Engineers	
Engineering	Engineer engaged	
Engineering	Profile: Complete	
Army Corp Permit info	Contact	
Costs over previous 10 years	\$10000	
,		
Construction year	2023	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-10, Dover-Foxcroft 1 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Bryant Road (Prop 1)
Stream Name	Unnamed trib to Alder Stream
Existing Culvert Size & Material	3'Rx40'L CMP
Crossing Age	15 years
Bankfull width and method	7.1 ft; multiple field average completed (5 down, ponded US)
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	9'Sx6'Hx40'L DOT Bridge Program Contact? n/a

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	low cover over culvert, undersized Flooding- flooding twice in 10 years (est), beaver/flooding damage, overtopping.culvert clogs and floods the road at least every 5 years
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, beaver debris often
Cut-offs or detours	Cut-off:0; Detours: 14 homes, 7.9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	homes

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-10, Dover-Foxcroft 1 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (5 down, ponded US) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Embedded, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	No barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No contact
Habitat Opened/Improved	0 miles
Fish present, source of info	landlocked ATS per USFWS species list

iiii Goot Emolonoy und Emocuroness	
Total Project Cost;	Total: \$300000
Total Match;	Requested: \$150000
% Match proposed	
	Gorrill Palmer
Engineering	Not yet engaged
Engineering	Profile: TBD
Army Corp Permit info	contact by 4/2023
Costs over previous 10 years	20000
,	
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-11, Dover-Foxcroft 2 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Bear Hill Road South (Prop 2)
Stream Name	Unnamed trib to Alder Stream
Existing Culvert Size &	3'Rx32'L CMP
Material	
Crossing Age	15 years
Bankfull width and method	8.5 ft; multiple field average completed (3 down, ponded US)
New Structure size & type.	11'Sx8'Hx32'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 11/9/22
Program if 20 or greater?	

Estimated time to failure	1-3
	undersized
Previous flooding or failure	Flooding- flooded approximately 2 times in
events, documentation,	the last 10 years.Beavers attempt to build dams inside this culvert on a
culvert condition, age	regular
	basis.
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no regular cleaning
Cut-offs or detours	Cut-off:0; Detours: 50-60 homes, 2 businesses; 8.7 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-11, Dover-Foxcroft 2 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

II. Delicints to 1 isii & W	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (3 down, ponded US) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Embedded, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	potential
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted No contact
Habitat Opened/Improved	0.7 miles
Fish present, source of info	landlocked ATS per USFWS species list

Total Project Cost; Total Match;	Total: \$330000 Requested: \$150000
% Match proposed	
Engineering	Gorrill Palmer Not yet engaged Profile: TBD
Army Corp Permit info	contact by 4/2023
Costs over previous 10 years	2000 for repairs, 20k for closures
Construction year	2023

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-12, Dover-Foxcroft 3 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Bear Hill Road North (Prop 3)
Stream Name	Unnamed trib to Alder Stream
Existing Culvert Size & Material	30"Rx40'L CMP
Crossing Age	15 years
Bankfull width and method	7.5 ft; multiple field average completed (5 down, ponded US)
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	9'Sx8'Hx40'L DOT Bridge Program Contact? n/a

Estimated time to failure	3-5
	undersized
Previous flooding or failure	Flooding- flooded approximately 2 times in
events, documentation,	the last 10 years.Beavers attempt to build dams inside this culvert on a
culvert condition, age	regular
	basis.
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no regular cleaning
Cut-offs or detours	Cut-off:0; Detours: 50-60 homes, 2 businesses; 8.7 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-12, Dover-Foxcroft 3 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

II. Delicints to I isli & W	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (5 down, ponded US) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Embedded, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	potential
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted No contact
Habitat Opened/Improved	1.8 miles
Fish present, source of info	landlocked ATS per USFWS species list, wild brook trout

Total Project Cost; Total Match;	Total: \$315000 Requested: \$150000
% Match proposed	
Engineering	Gorrill Palmer Not yet engaged Profile: TBD
Army Corp Permit info	contact by 4/2023
Costs over previous 10 years	20000
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-13, Durham

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Swamp Rd
Stream Name	Meadow Brook
Existing Culvert Size & Material	(2) 3'Rx50'L Plastic Pipe
Crossing Age	27 years
Bankfull width and method	10.1 ft; multiple field average completed (3 up, 3 down), HY-* analysis chosen, higher
New Structure size & type.	17.8CS(20'TS)x31'L
Contacted DOT Bridge Program if 20 or greater?	DOT Bridge Program Contact? No, intend to contact

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	unsafe during flooding, undersized, regularly riprapped Flooding- floods 2-3 times per year, damage & clogging
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	2-3/year
Cut-offs or detours	Cut-off:0; Detours: 60 homes, 5 businesses; 6.7 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-13, Durham

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (3 up, 3 down), HY-* analysis chosen, higher BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: Complete
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Closely match Banks: No
New Structure considerations	
Barrier status, source	barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW USFWS species list, IFW staff
Habitat Opened/Improved	2.37 miles
Fish present, source of info	landlocked ATS per USFWS species list

iii. Oost Emolency and Emocriveness	
Total Project Cost;	Total: \$300000
Total Match;	Requested: \$150000
% Match proposed	
	A.E. Hodsdon Engineers
Engineering	Plans
Linguiscoring	Profile: Complete
Army Corp Permit info	Permit in-hand
Costs over previous 10 years	8-10k
, ,	
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-14, Eastbrook **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

### I. Public Infrastructure Information/Public Safety

Road name	Macomber Mill Road
Stream Name	Macomber Mill Stream
Existing Culvert Size &	12.5'Sx8'Hx52.5'L Pipe Arch
Material	
Crossing Age	65 years
Bankfull width and method	17 ft; multiple field average completed (5 up, 5 down)
New Structure size & type.	17'Sx7.6'Hx36'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 10/26/22
Program if 20 or greater?	

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	90% rotted through, dot report indicates needs for monitoring Flooding- culvert has been full several times, no overtopping
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	Cut-off:0; Detours: 32 homes, 2 businesses 13 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

Rev. 2/4/2020

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME**: 2022R-14, Eastbrook **DATE**: 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME**: John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (5 up, 5 down) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: Complete
1.2 x BFW or Tidal analysis sizing, considerations performed	Other sizing, at bankfull width
Natural Bottom information; Banks within structure?	open bottom, footings below VAT, borings show bedrock present, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	No barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR Colby Bruchs, ME-MDR-Bur-SRFH, attended the 5/27/2022 site visit. He was supportive of the project. See Sean Ledwin's (ME-DMR, Bureau SRFH Director) letter of support.
Habitat Opened/Improved	0 miles
Fish present, source of info	ATS landlocked, wild brook trout, alewives

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match; % Match proposed	Total: \$235000 Requested: \$115000
Engineering	Jeff Norment, Chris Baldwin Plans Profile: Complete
Army Corp Permit info	Contact
Costs over previous 10 years	22000
Construction year	2023

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-15, Fairfield **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22

**EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Green Road
Stream Name	Tobey Brook
Existing Culvert Size &	4.5'Rx59.4'L CMP
Material	
Crossing Age	25 years
Bankfull width and method	10.7 ft; multiple field average completed (3 up, 3 down)
New Structure size & type.	13"Sx6'Hx40'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 11/8/22
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	damage from flooding in last 10 years, partial closure in 2014. deterioration of culvert Flooding- Once in 2014 due to Beaver Dam
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Annually
Cut-offs or detours	Cut-off:0; Detours: 25 homes, 1 business; 8 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME**: 2022R-15, Fairfield **DATE**: 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME**: John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?  1.2 x BFW or Tidal analysis sizing, considerations performed	Bankfull width method:multiple field average completed (3 up, 3 down) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: Complete Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	potential
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR  "Brook trout were quite numerous, indicating that Tobey Brook provides suitable habitat for wild trout. Any improvements to fish passage and habitat connectivity would benefit this resource. Tobey Brook would rank as a high value resource for IFW." – Jason Seiders, DIFW
Habitat Opened/Improved	>1 miles
Fish present, source of info	"We don't have information specific to the road crossing in question, but we have survey information from just downstream. The species assemblage consisted of:  Brook Trout, 9 -Spine Stickleback, 3-Spine Stickleback, Blacknose dace, Creek chub, White sucker" – Jason Seiders, DIFW

### **III. Cost Efficiency and Effectiveness**

Total Project Cost; Total Match;	Total: \$245000 Requested: \$150000	
% Match proposed		
Engineering	Randy Butler Dirigo Engineering Engineer engaged Profile: Complete	

Rev. 2/4/2020

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-15, Fairfield

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22

**EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	\$5k repairs, \$2.5k closures
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-16, Freedom **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Mitchel Rd
Stream Name	Winslow Brook or Willow Brook
Existing Culvert Size &	16'Sx9.5'Hx20'L Span/Bridge
Material	
Crossing Age	? years
Bankfull width and method	20 ft; multiple field average completed (3 up, 3 down), inconsistent with
	models
New Structure size & type.	12'Sx10'Hx12'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 11/8/22
Program if 20 or greater?	

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	bridge span rated fair to poor Flooding- No flooding reported
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	Cut-off:0; Detours: 26 homes, 2 businesses; 9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-16, Freedom **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width,	Bankfull width method:multiple field average completed (3 up, 3
method, & confidence; skew	down), inconsistent with models
matches stream, longitudinal	BFW Acceptable upon application?: No
profile?	Longitudinal profile of stream beyond culvert influence included?:
	TBD
1.2 x BFW or Tidal analysis	Yes
sizing, considerations	
performed	
Noticed Datters information	One Ballon feether hale MAT Claud match
Natural Bottom information;	Open Bottom, footings below VAT, Closely match
Banks within structure?	Banks: No
New Structure considerations	
New Structure considerations	
Barrier status, source	No barrier
Benefits to Fish & Wildlife;	Contacted No contact
Water quality improvements;	
Support letters, other notable	
benefits	
Habitat Opened/Improved	0 miles
Fish present source of info	procent no info
Fish present, source of info	present, no info

iii. Oost Emelency and Emectiveness	
Total Project Cost;	Total: \$150000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	n/a Not yet engaged Profile: TBD
Army Corp Permit info	Contact by Jan 2023
Costs over previous 10 years	1000
Construction year	2024

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-17, Georgetown **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Robinhood Road
Stream Name	unnamed trib to Sasanoa River
Existing Culvert Size & Material	3'Rx68'L Concrete Pipe
Crossing Age	65 years
Bankfull width and method	7.7 ft; multiple field average completed (3 up, 3 down)
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	10'Sx6'Hx60'L DOT Bridge Program Contact? Yes, emailed 10/28/22

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	Debris from the embankment failure enters the culvert causing blockages and embankment instability Flooding- No flooding reported
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	spring & fall cleaning
Cut-offs or detours	Cut-off:0; Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-17, Georgetown **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?  1.2 x BFW or Tidal analysis sizing, considerations performed	Bankfull width method:multiple field average completed (3 up, 3 down) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: Complete Yes
Natural Bottom information; Banks within structure?	Embedded, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	potential per photos
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR Wes Ashe, Fisheries Biologist with MDIFW said that the culvert is definitely undersized for this site, so the stream and road would both benefit from a larger structure. However, this is a relatively low priority crossing with respects to fish passage and stream connectivity.
Habitat Opened/Improved	>1 miles
Fish present, source of info	none present

Total Project Cost; Total Match; % Match proposed	Total: \$402000 Requested: \$150000
Engineering	Rob Prue, PE Plans Profile: Complete
Army Corp Permit info	Contact

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-17, Georgetown **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

Costs over previous 10 years	30000
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-18, Greene

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Sprague Mills Road
Stream Name	Hooper Brook
Existing Culvert Size &	15'Sx20'xH20'L Open bottom arch
Material	
Crossing Age	64 years
Bankfull width and method	23 ft; 23' modelled value, used smaller 15' structure, additional field work
	necessary,not based on data
New Structure size & type.	15'Sx20'xH30'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 10/24/22, called 10/24/22
Program if 20 or greater?	

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	Metal rusting and making culvert not safe, 2020 DOT inspection Flooding- No flooding reported
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Checked every month and cleaned out about once a year
Cut-offs or detours	Cut-off:0; Detours: 12 homes, 1 business, 3.5 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-18, Greene

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:23' modelled value, used smaller 15' structure, additional field work necessary,not based on data BFW Acceptable upon application?: No Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Pebble Count Analysis Banks: No
New Structure considerations	
Barrier status, source	No barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW Upstream habitat does show the ability to sustain Wild Brook Trout in the waterway
Habitat Opened/Improved	0 miles
Fish present, source of info	Called MDIFW and was given the following information, Brown Mullet, Fall Fish, Bass, Pickerel and white suckers. The Upstream habitat does show the ability to sustain Wild Brook Trout in the waterway

**III. Cost Efficiency and Effectiveness** 

	iiii 000t Embloney and Embourtemboo	
Total Project Cost;	Total: \$510000	
Total Match;	Requested: \$150000	
% Match proposed		
Engineering	Main-Land Development Consultants Engineer engaged Profile: TBD	
Army Corp Permit info	Contact	
Costs over previous 10 years	20000	
Construction year	2024	

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-19, Greene

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Main Street
Stream Name	Hooper Brook
Existing Culvert Size &	9'Sx6.5'Hx28'L stone/Concrete box
Material	
Crossing Age	80 years
Bankfull width and method	21.5 ft; 7 field measurements but chose lesser modelled value; not based
	on data
New Structure size & type.	18'Sx8'Hx35'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 10/24/22, called 10/24/22
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	deterioration, damage from floodingwashout Flooding- no flooding
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Checked every month and cleaned every 6 months or sooner in beaver season
Cut-offs or detours	Cut-off:0; Detours: 27 homes, 2 businesses
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-19, Greene

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?  1.2 x BFW or Tidal analysis	Bankfull width method:7 field measurements but chose lesser modelled value; not based on data BFW Acceptable upon application?: No Longitudinal profile of stream beyond culvert influence included?: TBD Yes
sizing, considerations performed	
Natural Bottom information; Banks within structure?	Embedded, Pebble Count Analysis Banks: No
New Structure considerations	
Barrier status, source	No barrier per application
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW Upstream habitat does show the ability to sustain Wild Brook Trout in the waterway
Habitat Opened/Improved	0 miles
Fish present, source of info	Called MDIFW and was given the following information, Brown Mullet, Fall Fish, Bass, Pickerel and white suckers. The Upstream habitat does show the ability to sustain Wild Brook Trout in the waterway

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match;	Total: \$510000 Requested: \$150000
% Match proposed	
Engineering	Main-Land Development Consultants Engineer engaged Profile: TBD
Army Corp Permit info	Contact
Costs over previous 10 years	5000
Construction year	2024

Rev. 2/4/2020

RFP#: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-20, Hartland **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Morril Pond Road
Stream Name	Jordan Brook
Existing Culvert Size & Material	(20) 6'Rx33'L CMP
Crossing Age	50+ years
Bankfull width and method	14.8 ft; multiple field average completed (4 DS, below beaver dam, impounded US)
New Structure size & type.	18'CS(20'TS)x5'Hx36'L
Contacted DOT Bridge Program if 20 or greater?	DOT Bridge Program Contact? Yes, emailed 11/8/22

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	joint in one culvert has separated, sink hole in road, poor condition Flooding- deck was underwater in 1987 storm, HY=-8 indicates abrely passing 5 year storm
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	Cut-off:0; Detours: 75 homes, 2 businesses, 8 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-20, Hartland **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: multiple field average completed (4 DS, below beaver dam, impounded US) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: Complete
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Closely match Banks: Yes
New Structure considerations	
Barrier status, source	barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR  "We have survey information from another location on Morrill Pond Outlet, not the Morrill Pond Road crossing. The species assemblage included: White sucker, Creek chub, American eel, Common shiner, Blacknose dace" – Jason Seiders
Habitat Opened/Improved	3.15 miles
Fish present, source of info	The species assemblage included: White sucker, Creek chub, American eel, Common shiner, Blacknose dace

Total Project Cost; Total Match; % Match proposed	Total: \$320000 Requested: \$150000
76 Match proposed	Pandy Putlar Diriga Engineering
Engineering	Randy Butler Dirigo Engineering Engineer engaged Profile: Complete
Army Corp Permit info	Contact

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-20, Hartland **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22

**EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

Costs over previous 10 years	500
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-21, Knox

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Shibles Road
Stream Name	Elliot Stream
Existing Culvert Size &	11.8'Sx4.5'Hx41'L CMP
Material	
Crossing Age	68 years
Bankfull width and method	19.4 ft; multiple field average completed (3 up, 3 down)
New Structure size & type.	24'CSx5'Hx28'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 11/10/22
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	bank erosion, riprap added Flooding- previous washouts, unsafe for traffic
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	regular cleaning
Cut-offs or detours	Cut-off:0; Detours: 30 homes, 3 businesses 2.5 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	trucking companies, large loads

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-21, Knox

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (3 up, 3 down) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR high priority for IFW, potential for salmon but unlikely
Habitat Opened/Improved	1.52 miles
Fish present, source of info	wild brook trout

iii. Oost Emolency and Emocriveness	
Total Project Cost;	Total: \$395000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	Randy Butler Dirigo Engineering Engineer engaged Profile: TBD
Army Corp Permit info	Contact
Costs over previous 10 years	7822
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-22, Levant

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Horseback Rd
Stream Name	Black Stream
Existing Culvert Size &	16.5'Sx9'Hx66'L Pipe Arch
Material	
Crossing Age	60 years
Bankfull width and method	21.9 ft; Multiple field averages of 45.5 ft, chose modelled value of 21.9,
	need reasoning
New Structure size & type.	26.9'Sx9.5'Hx50'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed on 10/28/22
Program if 20 or greater?	

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	3in holes for 3 ft at outlet end, rust, detrioration, inlet end heaved 4in Flooding- no flooding
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Annually
Cut-offs or detours	Cut-off:0; Detours: 37 homes, 10 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-22, Levant

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width,	Bankfull width method:Multiple field averages of 45.5 ft, chose
method, & confidence; skew	modelled value of 21.9, need reasoning
matches stream, longitudinal	BFW Acceptable upon application?: No
profile?	Longitudinal profile of stream beyond culvert influence included? :
	Partial
1.2 x BFW or Tidal analysis	No, modelling due to ponding
sizing, considerations	
performed	
Natural Bottom information;	embedded 1 foot, Closely match
Banks within structure?	Banks: No
New Structure considerations	
Barrier status, source	potential
Benefits to Fish & Wildlife;	Contacted IFW & DMR
Water quality improvements;	support letters from IFW, DMR
Support letters, other notable	, , , , , , , , , , , , , , , , , , ,
benefits	
Habitat Opened/Improved	13.67 miles
Fish present, source of info	brook trout, ATS potential due to proximity, alewives innearby stream

iiii Goot Emoloney and Emocritorioco	
Total Project Cost;	Total: \$322000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	Plymouth Engineering Plans Profile: Partial
Army Corp Permit info	Contact
Costs over previous 10 years	15300
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-23, Lincolnville **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Townhouse Road
Stream Name	unnamed stream
Existing Culvert Size & Material	(1) 3.5'Rx34'L, (1) 3'R40'L CMP, Plastic
Crossing Age	35, unknown years
Bankfull width and method	9.65 ft; multiple field average completed (2 down, 4 US)
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	12'Sx6'Hx40'L DOT Bridge Program Contact? Yes, emailed 11/10/22

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	corrugated metal pipe also has a hole in the top that allowed the gravel from the road to enter into the culvert and the stream. crossing has essentially failed Flooding- flooding noted, damage, photos, unsafe The two most recent washouts occurred on April 8, 2022 and October 31, 2021, see pictures
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	Cut-off:0; Detours: 10 homes, 2 businesses 2.6 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-23, Lincolnville **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width,	Bankfull width method:multiple field average completed (2 down, 4
method, & confidence; skew matches stream, longitudinal	US)
profile?	BFW Acceptable upon application?: Yes
projiic.	Longitudinal profile of stream beyond culvert influence included? :
	Complete
1.2 x BFW or Tidal analysis	Yes
sizing, considerations	
performed	
Natural Battam information	Ones Betters feetings heless MAT Bebble Count Anglistic
Natural Bottom information;	Open Bottom, footings below VAT, Pebble Count Analysis
Banks within structure?	Banks: Yes
New Structure considerations	
New Structure considerations	
Barrier status, source	potential
Benefits to Fish & Wildlife;	Contacted No contact
Water quality improvements;	no contact with agencies
Support letters, other notable	The contact with agencies
benefits	
Habitat Opened/Improved	2.77 miles
,	
Fish present, source of info	wild brook trout, per observtaion
	I.

#### **III. Cost Efficiency and Effectiveness**

Total Project Cost; Total Match; % Match proposed	Total: \$450000 Requested: \$150000
Engineering	William Lane, Gartley & Dorskey Plans Profile: Complete
Army Corp Permit info	Permit in-hand
Costs over previous 10 years	10000
Construction year	2023

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-24, Manchester **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Prescott Rd
Stream Name	Tanning Brook
Existing Culvert Size & Material	(2) 3/5'Rx87'L CMP
Crossing Age	50-60 years
Bankfull width and method	13 ft; multiple field average, but different value chosen, requires additional reasoning for size
New Structure size & type.	12'Sx4'Hx88'L
Contacted DOT Bridge Program if 20 or greater?	DOT Bridge Program Contact? Yes, emailed 9/18/22

Estimated time to failure	5-10
Previous flooding or failure events, documentation, culvert condition, age	perched culverts, deterioration of metal, no guard rails Flooding- no flooding
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	Cut-off:0; Detours: 1-2 homes, 5.5 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-24, Manchester **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Cialal conductor of the state	Doubted to the months of months of the field and an area better the field and area of the field and area.
Field work: Bankfull width,	Bankfull width method:multiple field average, but different value
method, & confidence; skew	chosen, requires additional reasoning for size
matches stream, longitudinal	BFW Acceptable upon application?: Yes
profile?	Longitudinal profile of stream beyond culvert influence included? :
	Complete
1.2 v PEW or Tidal analysis	·
1.2 x BFW or Tidal analysis	Yes
sizing, considerations	
performed	
Natural Bottom information;	Open Bottom, footings below VAT, Pebble Count Analysis
Banks within structure?	
banks within structure:	Banks: Yes
New Structure considerations	
New Structure considerations	
Barrier status, source	barriers
Donafita ta Fiala O Milallifa	Control of IFW and
Benefits to Fish & Wildlife;	Contacted IFW only
Water quality improvements;	letter from IFW, support from TU
Support letters, other notable	
benefits	
Habitat Opened/Improved	0.14 miles
Fish present, source of info	wild brook trout, other can
risii present, source of fillo	wild brook trout, other spp

iii cost Emelency and Emeditionese	
Total Project Cost;	Total: \$300000
Total Match;	Requested: \$150000
% Match proposed	
	Kat Beaudoin
Engineering	Engineer engaged
Engineering	Profile: Complete
Army Corp Permit info	Contact
Costs over previous 10 years	0
Construction	2024
Construction year	2024

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-25, Mercer

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **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:**

Road name	Pond Road
Stream Name	Pattee Brook
Existing Culvert Size & Material	(3) 5'Rx30'L Plastic Pipe
	22.22.42
Crossing Age	20,20,10 years
Bankfull width and method	22.3 ft; multiple field average completed (2 down, 3 US)
New Structure size & type.	30'Sx5'Hx28'L
Contacted DOT Bridge Program if 20 or greater?	DOT Bridge Program Contact? Yes, emailed 11/8/22

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	The 2019 flooding eroded the road, partial road closure until we could hire someone to bring some material to repair it.  Flooding- Most recent was 2019 but probably 3 times total, HY-8 analysis using StreamStats flows: crossing will not pass 25-yr storm
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Every spring and fall, beavers damming culverts
Cut-offs or detours	Cut-off:0; Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-25, Mercer

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (2 down, 3 US) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	potential
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR 7 lakes support
Habitat Opened/Improved	0.16 miles
Fish present, source of info	Wild brook trout are known to be present in the stream (C. Baeder, 7 Lakes Alliance).

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match;	Total: \$420000 Requested: \$150000
% Match proposed	
Engineering	Randy Butler Dirigo Engineering Engineer engaged Profile: TBD
Army Corp Permit info	Contact
Costs over previous 10 years	approx \$13000
Construction year	2023

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-26, Mexico

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Thompson Hill Road
Stream Name	Unnamed Stream
Existing Culvert Size &	7.5'Sx5.5'Hx16'L Open bottom wooden box
Material	
Crossing Age	50+ years
Bankfull width and method	9.5 ft; multiple field average completed (3 up, 3 down)
New Structure size & type.	12'Sx6'Hx40'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 10/28/22
Program if 20 or greater?	

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	The Town installed temporary structure posts and beams in 2022 to support the structure. structurally deficient Flooding- previous washouts, unsafe
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	regular basis and is cleaned each spring
Cut-offs or detours	Cut-off:0; Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	water transmission main that brings water to the community is located within the streambed

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-26, Mexico

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Deficites to 1 ion & Whalie		
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (3 up, 3 down) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: Complete	
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes	
Natural Bottom information; Banks within structure?	Embedded, Pebble Count Analysis Banks: No	
New Structure considerations		
Barrier status, source	potential	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR Dylan Whitaker, Fisheries Resource Biologist with MDIFW electrofished a section of the stream and found one fish species. He said this stream may provide some seasonal habitat and thermal refuge for resident trout in the greater watershed when water level/flows are more favorable for fish movement.	
Habitat Opened/Improved	0.25 miles	
Fish present, source of info	none listed, presense confirmed by IFW	

iiii 900t Emoioney and Emocuromoco	
Total Project Cost;	Total: \$371000
Total Match;	Requested: \$150000
% Match proposed	
	Rob Prue, PE
Engineering	Plans
Liigiileeriiig	Profile: Complete

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-26, Mexico

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22

**EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	7500
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-27, Monmouth **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Wilson Pond Road
Stream Name	Bog Brook
Existing Culvert Size &	5'Rx41'L Plastic Pipe
Material	
Crossing Age	22 years
Bankfull width and method	17.2 ft; multiple field average completed (3 up, 3 down)
New Structure size & type.	21'Sx6'Hx40'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 10/28/22
Program if 20 or greater?	

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	May-July 2022 the road was partially closed (down to one lane). This has occurred two other times in the past years.  Flooding- The crossing floods frequently and the Town is required to work at this site on a regular basis. flooded 3 x in last 10 years
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	needs cleaning 4-6 times/year
Cut-offs or detours	Cut-off:0; Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	A large campground and resort, as well as four homes

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-27, Monmouth **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Delients to Fish & Whalie	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (3 up, 3 down) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: Complete
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Embedded, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	potential barrier per photos
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR Wes Ashe, Fisheries Biologist for MDIFW surveyed the site on 8/30/2022. Electrofishing collected two fish species (brown bullhead and pumpkinseed sunfish), and they believe this brook and road would definitely benefit from a larger culvert.
Habitat Opened/Improved	5.43 miles
Fish present, source of info	brown bullhead, pumpkinseed

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match; % Match proposed	Total: \$370000 Requested: \$150000
Engineering	Rob Prue, PE Plans Profile: Complete

Rev. 2/4/2020

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-27, Monmouth **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

Army Corp Permit info	Contact
Costs over previous 10 years	10000
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-28, Nobleboro **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Bayview Road
Stream Name	Unnamed Stream
Existing Culvert Size & Material	4'Rx62'L Plastic Pipe
Crossing Age	5 years
Bankfull width and method	9.21 ft; multiple field average completed (5 up, 4 down)
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	12'Sx4.25'Hx60'L DOT Bridge Program Contact? Yes, emailed 11/2/22

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	significant cracks, deflection Flooding- no flooding, undersized
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	Cut-off:0; Detours: 135 homes, 3 businesses 4.5 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	crossing has been posted at 10 tons

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-28, Nobleboro **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

in Bollonia to Flori & Wilding	
Bankfull width method:multiple field average completed (5 up, 4 down) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: Complete	
Yes	
Open Bottom, footings below VAT, Pebble Count Analysis Banks: Yes	
Barrier	
Contacted IFW & DMR MDIFW indicates that the project would not affect any State-Listed Endangered, Threatened, or Special Concern species. The Nature Conservancy's Coastal Resilience Map indicates that the crossing is a medium priority for Coastal Anadromous and ESA Salmon, and a high priority for Shad / Blueback Herring.	
0.55 miles	
eel, others sampled	

Total Project Cost; Total Match; % Match proposed	Total: \$503000 Requested: \$150000
Engineering	Greg MacAlister; Calderwood Engineering Engineer engaged Profile: Complete
Army Corp Permit info	Contact

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-28, Nobleboro **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

Costs over	previous 10 years	0
Construction	on year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-29, Peru

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Dickvale Road
Stream Name	Unnamed trib to Spears Stream
Existing Culvert Size & Material	6'Sx4'Hx23'L Concrete Pipe
Crossing Age	72 years
Bankfull width and method	7.75 ft; multiple field average completed (5 up, 5 down)
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	12'Sx4'10"Hx28'L DOT Bridge Program Contact? Yes, emailed 11/9/22

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	shoulder loss, deterioration, undermined Flooding- overtopped few times in last 10 years
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	Cut-off:0; Detours: 80+ homes, 6.5 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-29, Peru

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

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Field work: Bankfull width,	Bankfull width method:multiple field average completed (5 up, 5	
method, & confidence; skew	down)	
matches stream, longitudinal	BFW Acceptable upon application?: Yes	
profile?	Longitudinal profile of stream beyond culvert influence included? :	
	Complete	
1.2 x BFW or Tidal analysis	Yes	
sizing, considerations		
performed		
Natural Bottom information;	Open Bottom, footings below VAT, Pebble Count Analysis	
Banks within structure?	Banks: Yes	
Barms William St. acta. C.	Daliks. 165	
New Structure considerations		
Barrier status, source	Potential Barrier	
Benefits to Fish & Wildlife;	Contacted IFW & DMR	
Water quality improvements;	Note this ID# is not currently	
Support letters, other notable	available to view. All the information	
benefits		
	we have from last year's application	
	and from emails with Alex Abbot.	
Habitat Opened/Improved	1.34 miles	
Fish present, source of info	brook trout	

Total Project Cost; Total Match;	Total: \$188000 Requested: \$150000
% Match proposed	
Engineering	Greg MacAlister; Calderwood Engineering Engineer engaged Profile: Complete
Army Corp Permit info	Contact
Costs over previous 10 years	0
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-30, Richmond 1 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	Brown Road
Stream Name	Unnamed trib to Abagadasset River
Existing Culvert Size & Material	6'Rx51'L CMP
Crossing Age	50+ years
Bankfull width and method	14.8 ft; multiple field average completed (3 up, 3 down), same reference reach?
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	18'Sx8'Hx45'L DOT Bridge Program Contact? Yes, emailed 10/28/22

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	The bottom and lower portion of the culvert has rusted through and is eroding. There is a partial collapse and a rock that is protruding through the top of the culvert.  The culvert sections are separating at the outlet Flooding- The crossing has experienced 3 washouts within the last 10-15 years
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	twice per year
Cut-offs or detours	Cut-off:0; Detours: 64 homes, 3 businesses detoured 4.7 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-30, Richmond 1 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (3 up, 3 down), same reference reach? BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: Complete
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Embedded, Pebble Count Analysis Banks: No
New Structure considerations	
Barrier status, source	Barrier, perched per photos
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR
Habitat Opened/Improved	0.6 (est) miles
Fish present, source of info	MDIFW surveyed the site and collected a number of fish species, warmwater spp

## III. Cost Efficiency and Effectiveness

Total Project Cost;	Total: \$397000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	Rob Prue, PE Plans Profile: Complete
Army Corp Permit info	Contact
Costs over previous 10 years	0

Rev. 2/4/2020

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-30, Richmond 1 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22

**EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

Construction year 2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-31, Richmond 2 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Lincoln Street
Stream Name	Unnamed trib to Mill Brook
Existing Culvert Size & Material	(1)3'Rx50'L, (2) 4'Rx50'L CMP, Plastic
Crossing Age	20,50, 50 years
Bankfull width and method	14.8 ft; multiple field average completed (3 up, 3 down), same reference reach?
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	18'Sx8'Hx50'L DOT Bridge Program Contact? Yes, emailed 10/28/22

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	unsafe, washouts, Flooding- The culverts were constantly washing out and flooding prior to 2016. The Town was forced to raise and pave the road and sleeve two of the culverts to maintain the integrity of the crossing.
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	regularly clogged with debris throughout the year.
Cut-offs or detours	Cut-off:0; Detours: 56 homes, 1 critical infrastructure 6.3 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Town of Richmond's solid waste transfer station is located on Lincoln Street. Failure of this culvert/crossing would create a lengthy detour for residents in the northern and western areas of town

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME**: 2022R-31, Richmond 2 **DATE**: 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME**: John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Delicins to I isii & W	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (3 up, 3 down), same reference reach? BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: Complete
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Embedded, Pebble Count Analysis Banks: No
New Structure considerations	
Barrier status, source	Potential
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR
Habitat Opened/Improved	2.67 miles
Fish present, source of info	Wes Ashe, Fisheries Biologist with MDIFW, surveyed the site and collected 3 fish species.

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match;	Total: \$424000 Requested: \$150000
% Match proposed	
Engineering	Rob Prue, PE Plans Profile: Complete
Army Corp Permit info	Contact
Costs over previous 10 years	30000
Construction year	2023

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-32, Rockland **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Bog Road (Dunbar Rd)
Stream Name	Branch Brook
Existing Culvert Size &	5.5'Rx50'L CMP
Material	
Crossing Age	40-50 years
Bankfull width and method	10.8 ft; multiple field average completed (5 up, 5 down)
New Structure size & type.	14'Sx8'Hx55'L
Contacted DOT Bridge	DOT Bridge Program Contact? No, intend to contact
Program if 20 or greater?	

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	signs of failure, old Flooding- flooding documented, photos 10/31/21 shoulder damage
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	occassional
Cut-offs or detours	Cut-off:0; Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-32, Rockland **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (5 up, 5 down) BFW Acceptable upon application?: Longitudinal profile of stream beyond culvert influence included?: Complete
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	Barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR
Habitat Opened/Improved	2.33 miles
Fish present, source of info	none known

	iiii Goot Emololoy and Emocuronoss	
Total Project Cost;	Total: \$435000	
Total Match;	Requested: \$150000	
% Match proposed		
Engineering	Christopher Donlin, Asst Pub Work Dir (app agent) Engineer engaged Profile: Complete	
Army Corp Permit info	TBD	
Costs over previous 10 years	1500	
Construction year	2024	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-33, Rumford **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Isthmus Road
Stream Name	Scotty Brook
Existing Culvert Size & Material	5'Rx68'L CMP
Crossing Age	50+ years
Bankfull width and method	15 ft; multiple field average completed (3 up, 3 down), chose larger value
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	18'Sx8'Hx65'L DOT Bridge Program Contact? Yes, emailed 10/28/22

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	Flooding- road was overtopped 11 years ago; August 2011 partial washout and road damage
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Every spring
Cut-offs or detours	Cut-off:0; Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	The existing stream crossing has a gravity sewer crossing above the culvert. A complete washout of the crossing will result in a sewer line breakage

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME**: 2022R-33, Rumford **DATE**: 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME**: John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width,	Bankfull width method:multiple field average completed (3 up, 3
method, & confidence; skew	down), chose larger value
matches stream, longitudinal profile?	BFW Acceptable upon application?:
profile:	Longitudinal profile of stream beyond culvert influence included? :
	Complete
1.2 x BFW or Tidal analysis	Yes
sizing, considerations	
performed	
Natural Bottom information;	Embedded, Pebble Count Analysis
Banks within structure?	Banks: Yes
Bulks Within Structure:	baliks. res
New Structure considerations	
Barrier status, source	Barrier per photos, Alex Abbott
barrier status, source	Barrier per priotos, Alex Abbott
Benefits to Fish & Wildlife;	Contacted IFW & DMR
Water quality improvements;	See correspondence from Maine DIF&W in Exhibit 6. In addition, Alex
Support letters, other notable	Abbott, Stream Restoration Specialist with
benefits	USFWS completed a draft of a restoration plan for the crossing in
	March 2019
Habitat Opened/Improved	2.2 (est from map) miles
	.,
Fish present, source of info	David Boucher Fisheries Biologist with MDIFW described Scotty Brook
rish present, source of find	
	as the most important spawning and nursery tributary
	to the Swift River, but the outlet of the culvert is perched, blocking
	fish passage.

ini doct Embiono, and Embourtonoco	
Total Project Cost;	Total: \$467000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	Rob Prue, PE Plans Profile: Complete
Army Corp Permit info	Contact

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-33, Rumford **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

Costs over previous 10 years	26327
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Scraggly Lake Road
Stream Name	Unnamed stream
Existing Culvert Size &	2'Rx38'L open bottom Concrete Box
Material	
Crossing Age	1 years
Bankfull width and method	5 ft; multiple field average completed (3 up only), seems unrelated to the
	sizing chosen
New Structure size & type.	4'Sx5'Hx40'L
Contacted DOT Bridge	DOT Bridge Program Contact? No, nothing indicated in app
Program if 20 or greater?	

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	already failed, replaced 24" culvert available at the time Flooding- overtopping in April 2022 washed out some gravel
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	Cut-off:0; Detours: 46 homes, 6 businesses, 1 critical infrastructure?
Affected residents, business, affected critical infrastructure, other safety issues, traffic	camp owners, guides, woods operations

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements BIDDER NAME: 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22

**EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (3 up only), seems unrelated to the sizing chosen BFW Acceptable upon application?: No Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Closely match Banks: No
New Structure considerations	
Barrier status, source	Barrier, per LUPC
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW
Habitat Opened/Improved	3.5 miles from app miles
Fish present, source of info	none listed

	iiii Goot Emolonoy und Emocuvonece	
Total Project Cost;	Total: \$74700	
Total Match;	Requested: \$44700	
% Match proposed		
Engineering	Plymouth Engineering Not yet engaged Profile: TBD	
Army Corp Permit info	TBD	
Costs over previous 10 years	3218	
Construction year	2023	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-36, Topsham **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Tedford Road
Stream Name	Unnamed stream
Existing Culvert Size & Material	(1) 3'Rx56'L, (1) 2'Rx56'L CMP
Crossing Age	25 years
Bankfull width and method	7.9 ft; multiple field average completed (5 up, 5 down), larger value chosen than measurements
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	12'Sx6'Hx56'L DOT Bridge Program Contact? Yes, emailed 11/7/22

Estimated time to failure	3-5
	36" corrugated metal culverts have started
Previous flooding or failure	to corrode on the bottom and are in poor condition. One of the culverts
events, documentation,	has started to deform into an oval
culvert condition, age	shape
	Flooding- no flooding, undersized
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	2-3 times a year
Cut-offs or detours	Cut-off:0; Detours: retirement community detour, 2.6 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Tedford Road is the main access route to The Highlands, a retirement community, which has plans to develop a multi-unit Alzheimer facility adjacent to the crossing

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-36, Topsham **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Deficites to Fish & W	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (5 up, 5 down), larger value chosen than measurements BFW Acceptable upon application?: Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information;	Embedded, Native material
Banks within structure?	Banks: Yes
New Structure considerations	
Barrier status, source	Barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR
Habitat Opened/Improved	1.82 miles
Fish present, source of info	none listed

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match; % Match proposed	Total: \$900000 Requested: \$150000
Engineering	Jaime Wallace, Wright-Pierce Engineer engaged Profile: TBD
Army Corp Permit info	TBD
Costs over previous 10 years	75000
Construction year	2023

Rev. 2/4/2020

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-37, Troy

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	Bog Rd
Stream Name	Unnamed trib to Carlton Pond
Existing Culvert Size & Material	6.2'Sx5'Hx36'L CMP
Crossing Age	26 years
Bankfull width and method	11.8 ft; measurements not done correctly, used MSHV est
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	17'Sx6'Hx36'L (13'CS-not 1.2xBFW) DOT Bridge Program Contact? Yes, emailed 11/10/22

Estimated time to failure	<1
	The steel oval culvert has rusted out and has holes in
Previous flooding or failure	the top. The road partially caved in in the summer of
events, documentation,	2022.The road was closed for a day while temporary
culvert condition, age	repairs were made.
	Flooding- no flooding, undersized
Design meets DOT 100-year	Yes
flood standard	
Regularly obstruction or	Weekly or monthly
maintenance required	
Cut-offs or detours	Cut-off:0; Detours: 0
Affected residents, business,	
affected critical infrastructure,	
other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-37, Troy

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Deficites to 1 ish & W	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:measurements not done correctly, used MSHV est BFW Acceptable upon application?: No Longitudinal profile of stream beyond culvert influence included?: TBD
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes* modelling
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Closely match Banks: No
New Structure considerations	
Barrier status, source	Barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted No contact
Habitat Opened/Improved	10.46 miles
Fish present, source of info	present, none listed

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$60000
Total Match;	Requested: \$40000
% Match proposed	
Engineering	Raymond E. Brown Not yet engaged, lists IFW as engineering assistance, no engineer? Profile: TBD
Army Corp Permit info	Contact
Costs over previous 10 years	2000
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-38, Waldoboro **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Elm Street
Stream Name	Orffs Brook
Existing Culvert Size &	7'Rx22'L open bottom Concrete Box
Material	
Crossing Age	45 years
Bankfull width and method	15.54 ft; measurements does not support initial sizing
New Structure size & type.	10'Sx10'Hx40'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 10/27 & called 11/7
Program if 20 or greater?	

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	larger culvert installed upstream by DOT in 2005, imminent failure Flooding- no flooding, undersized
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	Cut-off:0; Detours: 3 homes, 1 criticla infrastructure
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-38, Waldoboro **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?  1.2 x BFW or Tidal analysis sizing, considerations	Bankfull width method:measurements does not support initial sizing BFW Acceptable upon application?: No Longitudinal profile of stream beyond culvert influence included?: TBD  Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	Barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR  DMR support to improve rainbow smelt & SR BKT habitat, high value for IFW also
Habitat Opened/Improved	0.02, more habitat may be accessible US miles
Fish present, source of info	brook trout, alewives, rainbow smelt, salmon

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$210000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	n/a Not yet engaged Profile: TBD
Army Corp Permit info	Contact
Costs over previous 10 years	0
Construction year	2024

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-39, Wales

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	East Road
Stream Name	Jock Stream
Existing Culvert Size &	6'Sx8'Hx23.5'L open bottom concrete box
Material	
Crossing Age	80 years
Bankfull width and method	12.2 ft; multiple field average completed (3 up, 3 down), larger modelled
	value chosen
New Structure size & type.	15'Sx 6'Hx45'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 11/8/22
Program if 20 or greater?	

Estimated time to failure	10
Previous flooding or failure events, documentation, culvert condition, age	Concrete wingwalls are deteriorating and steel beginning to surface; travel way over the culvert is also very narrow with steep banks Flooding- no flooding, undersized
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	6-8 times a year, mostly from beaver dams
Cut-offs or detours	Cut-off:0; Detours: detour 4 miles, unknown #
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-39, Wales

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (3 up, 3 down), larger modelled value chosen BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: Complete
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	No barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR attached correspondence with agencies
Habitat Opened/Improved	0 miles
Fish present, source of info	Blacknosed Dace, Brown bullhead, Creek Chub, Common Shiner, Golden Shiner, 3-spine Stickleback, & White Sucker

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$306500
Total Match;	Requested: \$150000
% Match proposed	
Engineering	Main-Land Development Consultants, Inc. Engineer engaged Profile: Complete
Army Corp Permit info	Contact
Costs over previous 10 years	3-5k in closuresw
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-40, Warren

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

## I. Public Infrastructure Information/Public Safety

Road name	Beechwood Street
Stream Name	West Branch Oyster River
Existing Culvert Size & Material	10.8'Sx7.25'x83'L Metal Pipe Arch
Material	
Crossing Age	52 years
Bankfull width and method	17 ft; multiple field average completed (3 up, 3 down)
New Structure size & type.	21'Sx21'Hx83'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 11/1/22
Program if 20 or greater?	

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	corrosion, issues documented by DOT inspection Flooding- no flooding, undersized
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	Cut-off:0; Detours: 11 mile detour, unknown #
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

Rev. 2/4/2020

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-40, Warren

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

II. Deficites to 1 isit & 11	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:multiple field average completed (3 up, 3 down) BFW Acceptable upon application?: No Longitudinal profile of stream beyond culvert influence included?: Complete
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	Embedded, Closely match Banks: No
New Structure considerations	
Barrier status, source	Potential
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR
Habitat Opened/Improved	1.07 miles
Fish present, source of info	IFW fish list, common shiner, white sucker, black nosed dace

Total Project Cost;	Total: \$600000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	Engineer engaged Profile: Complete
Army Corp Permit info	Contact
Costs over previous 10 years	0
Construction year	0

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-41, Wells 1

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	Newhall Road (Prop 1)
Stream Name	Green Brook
Existing Culvert Size &	5.4'Sx5.8'Hx20'L stone box
Material	
Crossing Age	unknown years
Bankfull width and method	11.7 ft; multiple field average completed (3 up, 3 down), larger value -
	unclear origin of sizing
New Structure size & type.	25'Sx5'Hx20'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 11/8/22
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	May 2020, flooding caused a top granite beam to crack. A temporary bridge with crane mats and jersey barrier was placed atop the existing structure. The bridge was closed to trucks for approximately 2 months. This bridge was never engineered Flooding- overtopped 2006, undersized, flooding washouts reported, photos May 2020
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	occassionally
Cut-offs or detours	Cut-off:0; Detours: 0
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-41, Wells 1

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?  1.2 x BFW or Tidal analysis sizing, considerations performed	Bankfull width method:multiple field average completed (3 up, 3 down), larger value -unclear origin of sizing BFW Acceptable upon application?: Yes? Longitudinal profile of stream beyond culvert influence included?: TBD  Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Closely match Banks: Yes
New Structure considerations	
Barrier status, source	No barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR Jacob Aman, Stewardship Director of the Wells National Estuarine Research Reserve. He stated 'at both of these locations the streams are identified by the state as priority habitat for wild Eastern Brook Trout.
Habitat Opened/Improved	0 miles
Fish present, source of info	brook trout, eels confirmed by IFW, Golden Shiners, White Sucker, Pearl Dace (potentially)

### **III. Cost Efficiency and Effectiveness**

iii. Oost Emciency and Emcenteness	
Total Project Cost; Total Match;	Total: \$317000 Requested: \$150000
% Match proposed	
Engineering	William Walsh, P.E. Engineer engaged Profile: TBD
Army Corp Permit info	Contact

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-41, Wells 1

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22

**EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

Costs over previous 10 years	45000
Construction year	2023

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-42, Wells 2

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

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### **Individual Evaluator Comments:**

Road name	Cole Road (Prop 2)
Stream Name	Merriland River
Existing Culvert Size &	16'Sx12.2'Hx36.5'L Open bottom metal arch
Material	
Crossing Age	25 ("temporary fix") years
Bankfull width and method	49 ft; multiple field average completed (3 up, 3 down)
New Structure size & type.	61'Sx12'Hx32'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 11/8/22
Program if 20 or greater?	

Estimated time to failure	1-3
Previous flooding or failure events, documentation, culvert condition, age	Severe slope erosion on the upstream end where stream constriction has eroded the slopes, exposing 2 guardrail posts and eating at the pavement at the edge of travel way. Geotechnical fabric is holding the slope with voids as large as 3' beneath bulging f Flooding- previous culvert failed on Mother's Day storm 2006, undersized, flooding continues
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	occassionally
Cut-offs or detours	Cut-off:0; Detours: 20-25 homes, 1 business, 7miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-42, Wells 2

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Bankfull width method:multiple field average completed (3 up, 3 down)
BFW Acceptable upon application?: Yes
ongitudinal profile of stream beyond culvert influence included? :
ГВD
Yes
Open Bottom, footings below VAT, Closely match
Banks: Yes
No barrier
Contacted IFW & DMR
At both of these locations the streams are identified by the state as
oriority habitat for wild Eastern Brook Trout
•
O miles
wild brook trout, am eels, Fallfish
Golden Shiner
9-Spine Stickleback
Seam Lamprey

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$1550000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	William Walsh, P.E. Engineer engaged Profile: TBD
Army Corp Permit info	Contact

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-42, Wells 2

**DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22

**EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

Costs over previous 10 years	50000
Construction year	2024

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-43, Whitefield **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	South Hunts Meadows Road
Stream Name	Unnamed outlet of Joy's Pond
Existing Culvert Size & Material	4'Rx35'L (deformed) CMP
Crossing Age	unknown years
Bankfull width and method	13.5 ft; site report included with data
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	17.8'Sx4.5'Hx28'L DOT Bridge Program Contact? Yes, emailed 9/15/22, called 10/17/22

Estimated time to failure	<1
Previous flooding or failure events, documentation, culvert condition, age	neighbors flooded several times, clogging, large hole dent in culvert Flooding- at least 4 overtopping since March 2021, damage, documentation of flooding
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	multiple times per year
Cut-offs or detours	Cut-off:0; Detours: 63 homes, 3 businesses, 13 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-43, Whitefield **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?  1.2 x BFW or Tidal analysis sizing, considerations performed	Bankfull width method:site report included with data BFW Acceptable upon application?: Longitudinal profile of stream beyond culvert influence included?: Complete Yes
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, historic bed Banks: Yes
New Structure considerations	
Barrier status, source	Barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR
Habitat Opened/Improved	0.73 miles
Fish present, source of info	creek chub, bullhead, pumpkinseed, golden shinereel per IFW, eels: DMR

### III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$186248
Total Match;	Requested: \$146000
% Match proposed	
Engineering	Cayer Covil Engineering, LLC Plans Profile: Complete
Army Corp Permit info	Application submitted
Costs over previous 10 years	975
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-44, Winslow **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	North Pond Road
Stream Name	Farber Brook
Existing Culvert Size &	6.6'Sx7.3'Hx69'L CMP
Material	
Crossing Age	40 years
Bankfull width and method	17 ft; multiple field average completed (3 up, 3 down)
New Structure size & type.	21'Sx21'Hx83'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 11/8/22
Program if 20 or greater?	

Estimated time to failure	3-5
Previous flooding or failure events, documentation, culvert condition, age	Culvert is failing at the joints. Soil is migrating through the joints, causing sinkholes and pavement failure. Reinforcing bars have been installed laterally inside the culvert to prevent collapse. These are potential debris catchers Flooding- no flooding, no washouts
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	Cut-off:0; Detours: 70 homes, 5.1 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-44, Winslow **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

in Bononto to Fion & Triumo		
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal	Bankfull width method:multiple field average completed (3 up, 3 down) BFW Acceptable upon application?: Yes	
profile?	Longitudinal profile of stream beyond culvert influence included? :  Complete	
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes	
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Pebble Count Analysis Banks: Yes	
New Structure considerations		
Barrier status, source	Potential	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR	
Habitat Opened/Improved	0.86 miles	
Fish present, source of info	none listed, present	

**III. Cost Efficiency and Effectiveness** 

Total Project Cost;	Total: \$420000
Total Match;	Requested: \$150000
% Match proposed	
	Randy Butler Dirigo Engineering
Engineering	Engineer engaged
Liigiileeiilig	Profile: Complete
Army Corp Permit info	Contact
Costs over previous 10 years	1000
Construction year	2023
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-45, Woolwich 1 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	Murphy's Corner Road
Stream Name	Unnamed stream
Existing Culvert Size &	5'Rx49'L CMP
Material	
Crossing Age	68 years
Bankfull width and method	10.8 ft; multiple field average completed (5 up, 5 down)
New Structure size & type.	14'Sx9.75'Hx48'L
Contacted DOT Bridge	DOT Bridge Program Contact? Yes, emailed 11/9/22
Program if 20 or greater?	

Estimated time to failure	10+
Previous flooding or failure events, documentation, culvert condition, age	old,The current crossing does not have any guardrail and has steep banks Flooding- no flooding, undersized
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	no
Cut-offs or detours	Cut-off:0; Detours: 90 homes detour 7.9 miles
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-45, Woolwich 1 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?  1.2 x BFW or Tidal analysis	Bankfull width method:multiple field average completed (5 up, 5 down) BFW Acceptable upon application?: Yes Longitudinal profile of stream beyond culvert influence included?: Complete Yes
sizing, considerations performed	res
Natural Bottom information; Banks within structure?	Open Bottom, footings below VAT, Pebble Count Analysis Banks: Yes
New Structure considerations	
Barrier status, source	Barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR
Habitat Opened/Improved	2.12 miles
Fish present, source of info	Per a site survey by MDIFW Fishery Biologists on 11/7/2022, electrofishing was unable to collect any fish samples. The downstream habitat appears to be sufficient for fish life, but only frogs and salamanders were present.

## **III. Cost Efficiency and Effectiveness**

iiii Goot Emoioney and Emoontonee	
Total Project Cost;	Total: \$186000
Total Match;	Requested: \$150000
% Match proposed	
Engineering	Greg MacAlister; Calderwood Engineering Engineer engaged Profile: Complete
Army Corp Permit info	Contact
Costs over previous 10 years	0

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-45, Woolwich 1 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

EVALUATOR DEPARTMENT: Environmental Protection

Construction year 2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-46, Woolwich 2 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	George Wright Road
Stream Name	Back River Creek
Existing Culvert Size & Material	10'Sx4'Hx45'L 4 sided concrete box
Crossing Age	88 years
Bankfull width and method	12 ft; Tidal site. Hydrologic and hydraulic model for this site was developed by Woods Hole Group in 2021. Survey information, bathymetric data, and water level measurements at 6 locations along Back River Creek were incorporated into the model and used to asses
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	removal project 115'W DOT Bridge Program Contact? n/a

Estimated time to failure	5-10
	A Maine DOT inspection report for this structure in
Previous flooding or failure	2017 notes, "Structure is in overall Poor condition
events, documentation,	Flooding- floods two to five times
culvert condition, age	a year, The overtopping occurs just to the west of the crossing, not at the
	crossing itself.
Design meets DOT 100-year	Yes
flood standard	
Regularly obstruction or	no
maintenance required	
Cut-offs or detours	Cut-off:0; Detours: 0

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-46, Woolwich 2 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

	Bath Water District has a water main pipe embedded in the current road,
Affected residents, business,	sitting on top of the culvert
affected critical infrastructure,	structure. As part of a parallel project alongside this culvert project, the
other safety issues, traffic	Bath Water District will be directionally boring an
	approximately 200 foot I

## II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method:Tidal site. Hydrologic and hydraulic model for this site was developed by Woods Hole Group in 2021. Survey information, bathymetric data, and water level measurements at 6 locations along Back River Creek were incorporated into the model and used to asses BFW Acceptable upon application?:  Longitudinal profile of stream beyond culvert influence included?: Complete, bathymetric data
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes
Natural Bottom information; Banks within structure?	no structure, restoration, sediment analysis Banks: Yes
New Structure considerations	
Barrier status, source	Potential
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted IFW & DMR numerous letter sof support and partners
Habitat Opened/Improved	6.95 miles
Fish present, source of info	Alewives, blueback herring, eels, smelt, other diadromous spp. Maine DMR's Sea Run Fish program has indicated that Pleasant Cove is a very important site for sturgeon and has been in communication with the project manager to provide insight on protecting sturgeon during the project

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-46, Woolwich 2 **DATE:** 11/29/22, 11/30/22, 12/1/22, 12/2/22 **EVALUATOR NAME:** John Maclaine

**EVALUATOR DEPARTMENT:** Environmental Protection

work.

### **III. Cost Efficiency and Effectiveness**

Total Project Cost;	Total: \$1425200 Requested: \$150000
Total Match;	Nequested. \$150000
% Match proposed	
	Greg MacAlister; Calderwood Engineering
Engineering	Plans
Liigiileeriiig	Profile: Complete, bathymetric data
Army Corp Permit info	Contact
Costs over previous 10 years	0
Construction year	2025
Construction year	2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-1, Albany Twp (Oxford Co)

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:

Road name	Patte Brook Road
Stream Name	Walker Brook. Drains to Crooked R. to Sebago Lake
Existing Culvert Size & Material	2 - 48" round culverts, corrugated metal pipe
Crossing Age	22 years each
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	Closed bottom 13' span concrete box

Estimated time to failure	3-5 years.
Previous flooding or failure events, documentation, culvert condition, age	History of flooding. +/-3 times, overtopped road due to high flows and debris plugging the culvert inlets. Erosion undermining roadbed around and between twin culverts. 12.1.2020 water over road caused erosion around culverts.
Change in culvert capacity	Yes, increase.
Design meets DOT 100-year flood standard	Yes, worksheet.
Regularly obstruction or maintenance required	Annal fall leaf and spring debris clean-up, plus storm debris. Failure occurs when debris not cleared. Debris accumulates between culverts.
Cut-offs or detours	Yes, detours. No, cut-offs.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Detour to 23 homes AND to visitor access to eastern side of WMNF from Route 5/25. 1.65-mile detour. Traffic count of 116.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements BIDDER NAME: 2022R-1, Albany Twp (Oxford Co)

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes. 13' span exceeds 1.2 BFW.
Natural Bottom information; Banks within structure?	with stream material
New Structure considerations	
Barrier status, source	Culverts are perched 12-15' above streambed and outlet blocking fish passage.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	High value. Brook Trout habitat. Federal TS within 1-mile, Northern Long-eared Bay. No downstream crossing impounding water
Habitat Opened/Improved	Pretty significant opening 3+ miles
Fish present, source of info	Used Stream Habitat Viewer. James Pellerin, DIFW, communicated native/wild brook trout and landlocked salmon. Fish present in stream. Contacted DMR, no anadromous Atlantic Salmon.

#### III. Cost Efficiency and Effectiveness

iiii Goot Emololoy and Emocuronoco	
Total Project Cost;	Total: \$295
Total Match;	Requested: \$150
% Match proposed	Match: \$145 (CIP committed)
Engineering	Pine Tree Engineering. Successfully completed similar time and budget culvert replacement projects. Completed plans October 2022.
Army Corp Permit info	Contacted only.
Costs over previous 10 years	None known for repairs. Approx. \$5-10K for road closures primarily related to maintenance.
Construction year	Aug 2023 – Sept 2023

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-1, Albany Twp (Oxford Co)

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or
clarification required

Project within CIP for UT of Albany Township. Request completed design. Report back on DOT and USACE permit responses – contacted

only.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-2, Bath

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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**Albany Township, Oxford County** 

### **Individual Evaluator Comments:**

Road name	Anchor Road
Stream Name	Whiskeag Creek. Drains to Kennebec R.
Existing Culvert Size & Material	78" corrugated metal pipe, poor quality, bottom missing or severely corroded.
Crossing Age	>25 years
Bankfull width and method	Google Earth US/DS
New Structure size & type.	removal
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	<1 year
Previous flooding or failure events, documentation, culvert condition, age	Historically flooded and overtopped embankment in recent years.  Overtopped 3 times in last twenty years. 10.25.21 culvert washout section of roadway and caused partial failure. 11.2021 culvert section collapse caused upstream water breach of embankment and exposed water main – emergency rip rap stabilization repair by local contractor with USACE consultation at the time now in-place.
Change in culvert capacity	Removal
Design meets DOT 100-year flood standard	Yes, worksheet
Regularly obstruction or maintenance required	City removes debris and cleans out several times per year
Cut-offs or detours	Yes, cut-offs for Wing Farm Parkway and Morse High School sprinkler system. No detours. No vehicle counts, road is not used for travel.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-2, Bath

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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

Crossing conveys 12' ductile iron water main, which supplies Wing Farm Parkway and pressure required for sprinkler system for Morse High School. Culvert has shifted leaving gaps for gravel causing local sinkholes in embankment.

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	Removal
Natural Bottom information; Banks within structure?	Intend to remove crossing entirely and replace with restored streambed
New Structure considerations	Remove constriction.
Barrier status, source	MSHV and BwH. Acts as barrier modeled for Atlantic Salmon and searun rainbow smelt habitat. Drains to mapped tidal marshes and Kennebec Estuary (BwH Habitat Focus Area). Kennebec R. is document Alewife habitat
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No fish present
Habitat Opened/Improved	Potential lies in part with other restriction improvements from structures upstream
Fish present, source of info	Not identified on MSHV. WP emailed DMR 10.28.22 and emailed DIFW 10.28.22.

III. Cost Efficiency and Effectiveness

	Total: estimated \$525K
Total Project Cost;	Requested: \$150K
Total Match;	Match: remaining balance based on final design. None currently
% Match proposed	committed. Design and commit funds through City's budgeting
	process.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-2, Bath

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Engineering	: Wright Pierce :
Army Corp Permit info	Contacted 11.2021.
Costs over previous 10 years	~\$45K for stabilization of culvert, removal of debris, placement of removed materials from high flows, emergency repair during recent failure.
Construction year	July 2023, complete Sept. 30, 2023 (also list October 2023)
Feasibility for success;	New water line install relocated underneath stream bed and tied into
Additional efficiencies;	existing main. Preliminary design only. Considerable amount of
Design concerns or	additional funding potential upon final design.
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-3, Bridgton

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**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:**

Road name	Wildwood Road
Stream Name	Sucker Brook. Drains to Woods Pond.
Existing Culvert Size & Material	6' circular concrete, 25' length
Crossing Age	60 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	17' wide x 5' high x 25' length, closed bottom box, concrete, embedded

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	Neighbors reported flooding twice in last 10-years, not specific dates, but during spring both times. Residents and staff report shoulder washout on upstream side and road deterioration on downstream side. Undersized, exposed rebar, concrete thinning, tarred road crumbling at edges narrowing road.
Change in culvert capacity	Yes, increase. Current less than 1.2 bankfull width with scour pool downstream.
Design meets DOT 100-year flood standard	Yes,worksheet.
Regularly obstruction or maintenance required	Clearing bi-monthly basis during summer, and additional during heavy rain events.
Cut-offs or detours	8 homes cut-off, 1 business cut-off 260 vehicles/day. No alternative route. No closures to date.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-3, Bridgton

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

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

(Camp Wildwood, sleepaway camp >200 children), and Wastewater Treatment Facility for Camp Wildwood.

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes.
Natural Bottom information; Banks within structure?	Substrate will be stored during construction and reused for new culvert
New Structure considerations	Reduce source of erosion to Woods Pond. Sucker Brook 4.26 tons/year erosion.
Barrier status, source	Perched 0.42' above stream bottom on downstream side, partial barrier.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Flooded meadow upstream during heavy rain and spring run off season – resulted in tree loss and debris blockages. IFW did not find ET or SC but supports with general recommendation of 1.2.
Habitat Opened/Improved	large connection 5.66 miles opened (USGS). 2.14 miles habitat (SHV) for wild brook trout.
Fish present, source of info	wild brook trout

III. Cost Efficiency and Effectiveness

Total Project Cost;	Total: \$255K
Total Match;	Requested: \$150K
% Match proposed	Match: \$105K
Engineering	: Woodard &Curran : Town & Maine DOT (to support design development)
Army Corp Permit info	Contacted only.
Costs over previous 10 years	\$6.5K

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-3, Bridgton

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Construction year	7. 2023 – 10.2023
Feasibility for success;	Emailed DOT 8.10.22 and spoke to DOT 8.8.22. Spoke with DMR.
Additional efficiencies;	Spoke with IFW. Funding in CIP, some additional field work still needed
Design concerns or	on final design
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-4, Brooklin

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	Hale's Hill Road
Stream Name	Meadow Brook. Drains to Salt Pond and Blue Hill Bay.
Existing Culvert Size & Material	8.5' wide by 5' high by 20' long
Crossing Age	50 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	15' wide, 6' high, 28' long, open bottom box, concrete, with natural stream bed.

Estimated time to failure	5-10 years
Previous flooding or failure events, documentation, culvert condition, age	None. Does not appear to be immediate risk. Tidal influence may be larger issue in future.
Change in culvert capacity	Yes, increase to 1.2 bankfull width. Currently undersized.
Design meets DOT 100-year flood standard	Yes, worksheet.
Regularly obstruction or maintenance required	Not on DOT inspection schedule and regular inspections not completed.
Cut-offs or detours	No cut-offs. Detour 5.7 miles. 349 vehicles/day.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Current design width 20' is dangerous for current 2 lane road. Road elevation below FEMA flood zone elevation – anticipated flooding in 100-year storm combined peak flow and astronomical tide. Mutual aid and fire protection route – closure significantly increase response times.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-4, Brooklin

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

## II. Benefits to Fish & Wildlife

m periodica to their settinging		
Field work: Bankfull width,	Bankfull width method:	
method, & confidence; skew	Longitudinal profile of stream beyond culvert influence included? :	
matches stream, longitudinal profile?		
projile:		
1.2 x BFW or Tidal analysis	Tidal	
sizing, considerations		
performed		
Natural Bottom information;		
Banks within structure?		
Banks within structure:		
New Structure considerations	Already passage	
	, meanly passage	
Barrier status, source		
barrier status, source		
Benefits to Fish & Wildlife;	Sea-run brook trout, American eels, sea-run rainbow smelt. Intertidal	
Water quality improvements;	Salt Pond supports marine worm harvesting. Lower section of the Salt	
Support letters, other notable	Pond supports large commercial mussel aquaculture site. Multiple	
benefits	testimonial quotes in application, NOAA restoration center strong	
	support and has invested significantly in the area.	
Habitat Opened/Improved	Benefit to restore more tidal flow upstream to habitats	
, ,	, , , , , , , , , , , , , , , , , , ,	
Fish appared assume of the	<u></u>	
Fish present, source of info	Fish present	

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match; % Match proposed	Total: \$373K Requested: \$150K Match: \$223K (\$81,050 by Brooklin and Sedgwick, remaining to be requested at town meetings)
Engineering	: Andrew McCullough, Engineering Consultants :
Army Corp Permit info	Contacted only.
Costs over previous 10 years	\$64K by DOT in 2022 repair to replace Blue Hill Falls Bridge (detour route)
Construction year	4-6 weeks. 7.15 – 8.30 2022 (presumed typo)

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-4, Brooklin

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Some match in-hand from two towns, request additional anticipated,
Additional efficiencies;	some additional field work and final design work needed.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-5, Brownville

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Spencer Road
Stream Name	Alder Brook. Drains to Piscataquis R
Existing Culvert Size & Material	2 circular culvers, 3' and 2', metal, perched outlets for both
Crossing Age	15 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	10' x 5-9' x 44' metal pipe arch with concrete footings

Estimated time to failure	5-10 years. Failure during next high flow event.
Previous flooding or failure events, documentation, culvert condition, age	Local residents report overtops every 2-3 years. Existing roadway washed out 15 years ago. FEMA funds to add second culvert.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes, sized to DOT standard and guidance
Regularly obstruction or maintenance required	Every 3-5 years
Cut-offs or detours	5 homes cut-off. Impassable when overtopped. 59 vehicles/day. No alternative route exists.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Will add guardrail.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-5, Brownville

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

## II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, greater than 1.2 BFW.
Natural Bottom information; Banks within structure?	natural stream bottom, terrestrial shelves
New Structure considerations	
Barrier status, source	Low flow summer conditions make crossing impassable to most species
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Listed high priority for ESA salmon and shad/blueback herring (TNC barrier prioritization tool). Received TNC LOS. Good quality habitat improvements, but limited amount total.
Habitat Opened/Improved	0.4 miles of total 0.56 miles upstream (stream habitat viewer)
Fish present, source of info	SHV and BwH Atlantic salmon modeled habitat.

**III. Cost Efficiency and Effectiveness** 

iii. Oost Emcicity and Encouveriess	
Total Project Cost;	Total: \$178K
Total Match;	Requested: \$150K
% Match proposed	Match: \$28K
	: Contech
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	None. \$1000 removing debris.
Construction year	3-6 weeks. 7-9, 2023.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-5, Brownville

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Design to be completed early 2023 with award. Additional match
Additional efficiencies;	needed.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-6, China

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	Ingraham Road
Stream Name	Hewitt Brook. Drains to West Branch Sheepscot R to Sheepscot R.
Existing Culvert Size & Material	2 - 2.75' circular and 2' circular, 52' length, corrugated metal pipes
Crossing Age	Unknown
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	9.5' open bottom box, aluminum

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	Bottoms on both rusted through and completely gone. Nearer-term structural risk.
Change in culvert capacity	Increase.
Design meets DOT 100-year flood standard	Yes. Worksheet.
Regularly obstruction or maintenance required	Clearing at least annually. Beaver caused obstructions. Town taken steps to deter beavers – excavator, 2 employees, wildlife tech., for 2 days to unblock culverts.
Cut-offs or detours	19 homes cut of. 3.3 mile detour.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Not imminent danger of flooding road; however, unaddressed could lead to road collapse (bottoms to culvert rusted out). Anticipate flood damage to farms and homes if failure.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-6, China

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes. BFW is 7.5'. Survey completed 10.14.2021.
Natural Bottom information; Banks within structure?	with natural stream bed
New Structure considerations	
Barrier status, source	Perched 3.8' inlet, 2.4' outlet.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted DMR – on 9.8.22 no anadromous fish, to far upstream. Contacted DIFW – not affect ESW habitats or locations of ET or SC. TNC LOS, crossing on ME aquatic barrier prioritization tool
Habitat Opened/Improved	Open close to 5 miles
Fish present, source of info	Yes. DMR and DIFW.

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match; % Match proposed	Total: \$175K Requested: \$150K Match: \$25K
Engineering	: Contech Engineering Solutions and St. Germain :
Army Corp Permit info	Contacted
Costs over previous 10 years	
Construction year	2 weeks. 7.15-10.1 2023.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-6, China

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Potential final design will be larger and increase cost. Currently
Additional efficiencies;	proposing metal box which DOT does not recommend.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-7, Cornish

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	Back Street
Stream Name	Little River
Existing Culvert Size & Material	2 - 5' circular, 40' length, corrugated metal pipe
Crossing Age	35 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	19' wide x 5' high, 20' length, bridge or span

Estimated time to failure	<1 year
Previous flooding or failure events, documentation, culvert condition, age	Patriots day storm damage 2014. Existing collapsing.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes, worksheet.
Regularly obstruction or maintenance required	
Cut-offs or detours	None reported. Detour 1 mile.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Public services would be detoured.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-7, Cornish

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	open with natural stream bed
New Structure considerations	
Barrier status, source	No
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Limited documentation of benefits in application. Dam nearby.
Habitat Opened/Improved	0.5 miles US, 0.2 miles DS
Fish present, source of info	Wild brook trout, no source provided

**III. Cost Efficiency and Effectiveness** 

iii. Oost Emcicity and Encouveness	
Total Project Cost; Total Match; % Match proposed	Total: \$165K Requested: \$150K Match: \$15K (source to be determined by town engineers, municipal tax, planned future warrant article)
Engineering	: TBD by town engineer :
Army Corp Permit info	ACOE permitting conversations noted not until August 2023
Costs over previous 10 years	
Construction year	
Feasibility for success;	Low match. Design work still needed.
Additional efficiencies;	
Design concerns or	
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-8, Cumberland 1

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Greely Road
Stream Name	Maxfield Brook, Drains East Branch Piscataqua R
Existing Culvert Size & Material	6' width, 6+' height, 40+' length, corrugated metal pipe.
Crossing Age	40+ years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	13' open bottom arch, concrete

Estimated time to failure	Does not appear to be imminent risk
Previous flooding or failure events, documentation, culvert condition, age	Overtopped the road several times during significant events
Change in culvert capacity	Increase.
Design meets DOT 100-year flood standard	Yes, worksheet.
Regularly obstruction or maintenance required	
Cut-offs or detours	10 homes cut off, 1 business cut off. 6.9 mile detour. 2605 vehicles/day.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Detours during significant rain events. High traffic count and long detour.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-8, Cumberland 1

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, 1.2 BFW.
Natural Bottom information; Banks within structure?	with natural stream bed.
New Structure considerations	
Barrier status, source	No
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	no fisheries data on these headwater streams, no ET or SC.
Habitat Opened/Improved	
Fish present, source of info	Contacted DIFW 10.24.22 – highly likely wild brook trout populations. American Eels. Source not listed.

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$200K Requested: \$150K
Total Match;	•
% Match proposed	Match: \$50K (town general fund)
	: Sevee & Maher Engineers
Engineering	:
Army Corp Permit info	
Contraction 10	No CIP at this location within 10 years. \$2.5K on road closures over last
Costs over previous 10 years	10 years.
Construction year	8.1-8.30 2023. 4 weeks.
Feasibility for success;	Modeled design, more field work needed and could increase costs.
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-9, Cumberland 2

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Greely Road
Stream Name	Windle Brook. Drains to East Branch Piscataquis R
Existing Culvert Size & Material	4' width x 4.23 height x 40.19 length, corrugated metal pipe
Crossing Age	45+ years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	11' width x 6' height x 44' length, open bottom arch, concrete

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	Overtopped several times in 30 years. Rip rap repairs. Flood during rain events.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes worksheet
Regularly obstruction or maintenance required	Debris is not issue at locations
Cut-offs or detours	10 homes detour, 1 business detour (spring brook farms). 6.9 mile detour. 2605 vehicles/day
Affected residents, business, affected critical infrastructure, other safety issues, traffic	High traffic count and long detour.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-9, Cumberland 2

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	To be completed
Natural Bottom information; Banks within structure?	with natural stream bed.
New Structure considerations	
Barrier status, source	No
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Contacted DMR, no info provided to date. Contacted DIFW 10.24.22 – notified no fisheries data, no ET or SC. highly likely brook trout benefit.
Habitat Opened/Improved	
Fish present, source of info	Likely wild brook trout exist.

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$200K Requested: \$150K Match: \$50K
Engineering	: Sevee & Maher Engineers :
Army Corp Permit info	Contacted
Costs over previous 10 years	~2.5K closures
Construction year	8-2023 – 8-2023

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-9, Cumberland 2

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	modeled design, more field work needed and could increase costs.
Additional efficiencies;	General fund currently FY23 planned.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-10, Dover-Foxcroft 1

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Bryant Road
Stream Name	Unnamed Stream. Drains to Alder Stream to Piscataquis R.
Existing Culvert Size & Material	3' circular, 40' length, corrugated metal pipe
Crossing Age	10-15 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	9' width, 6' high, 40' length, closed bottom box, concrete

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	Clogs and overtops at least once every five years. 2 times over 10 years.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Beavers attempting dams inside culvert. Grate to prevent Beavers also clogs. Closed for day, or two, until water subsides. Constant clogging hazard. Town checks multiple times a week.
Cut-offs or detours	14 home detour. 8 mile detour.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	longer detour impacting small # homes

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-10, Dover-Foxcroft 1

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	
New Structure considerations	
Barrier status, source	Not a current barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	highly likely brook trout benefit.
Habitat Opened/Improved	Small segment opened
Fish present, source of info	Likely wild brook trout exist. Landlocked AS

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match; % Match proposed	Total: \$300K Requested: \$150K Match: \$150K
Engineering	: Gorrill Palmer Consulting Engineers, Inc.
Army Corp Permit info	Will contact April 2023 if awarded.
Costs over previous 10 years	\$2K repairs, \$20K road closures or other associated costs. Gravel and equipment.
Construction year	2-4 weeks. 8-9, 2023.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-10, Dover-Foxcroft 1

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or
clarification required

Match not specifically committed via budget or other source. Additional permitting conversations but anticipate relatively

straightforward for permits on small structure.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-11, Dover-Foxcroft 2

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Bear Hill Road (South)
Stream Name	Unamed Stream. Drains to Alder Stream to Piscaquis R.
Existing Culvert Size & Material	3' circular, 23' length, corrugated metal pipe
Crossing Age	10-15 years
Bankfull width and method	No upstream widths taken. Longitudinal profile to be completed during ACOE permitting
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	11' W x 8' H x 32' L, closed bottom box, concrete, embedded

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	Clogs and overtops at least once every five years. 2 times over 10 years.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes, worksheet
Regularly obstruction or maintenance required	Beavers attempting dams inside culvert. Grate to prevent Beavers also clogs. Closed for day, or two, until water subsides.
Cut-offs or detours	50-60 homes detour, 2 businesses detour. detour near 9 mi.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Detour school buses. Extra 8-10 minutes emergency response time.

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-11, Dover-Foxcroft 2

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	with natural stream bed
New Structure considerations	Culvert very close to another culvert that is also proposed for improvement.
Barrier status, source	Not perched.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	SHV, Atlantic salmon (landlocked). Attempt to contact DMR or IFW but unsuccessful.
Habitat Opened/Improved	Good habitat value, opens ~2 miles.
Fish present, source of info	

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$330K Requested: \$150K Match: \$180K
Engineering	: Gorrill Palmer Consulting Engineers, Inc.
Army Corp Permit info	Not contacted. Will contact with award by April 2023.
Costs over previous 10 years	\$2K repairs, \$20K closures.
Construction year	8-9.2023. 2-4 weeks

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-11, Dover-Foxcroft 2

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or
clarification required

Match not specifically committed via budget or other source. Pending permitting conversations. Structure anticipated to be relatively

straightforward.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-12, Dover-Foxcroft 3

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

#### I. Public Infrastructure Information/Public Safety

Road name	Bear Hill Road Culvert (North)
Stream Name	Unnamed stream. Drains to Alder Stream to Piscataquis R.
Existing Culvert Size & Material	30" circular, 40' length, corrugated metal pipe
Crossing Age	10-15 years
Bankfull width and method	No upstream widths taken. Longitudinal profile to be completed during ACOE permitting
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	9' W x 8' H x 40' L, closed bottom box, concrete, embedded

Estimated time to failure	3-5 years
Previous flooding or failure events, documentation, culvert condition, age	Clogs and overtops at least once every five years. 2 times over 10 years.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes, worksheet
Regularly obstruction or maintenance required	Beavers attempting dams inside culvert. Grate to prevent Beavers also clogs. Closed for day, or two, until water subsides.
Cut-offs or detours	50-60 homes detour, 2 businesses detour
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Detour school buses. Extra 8-10 minutes emergency response time.

RFP #: 202208126

**RFP TITLE:** 2022 Grants for Stream Crossing Infrastructure Improvements **BIDDER NAME:** 2022R-12, Dover-Foxcroft 3

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	Culvert very close to another culvert that is also proposed for improvement.
Natural Bottom information; Banks within structure?	with natural stream bed
New Structure considerations	
Barrier status, source	Not hanging or perched
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Attempt to contact DMR and DIFW unsuccessful. Part of the Alder Stream Wilderness Preserve, protected by the Northeast Wilderness Trust.
Habitat Opened/Improved	
Fish present, source of info	Atlantic salmon critical habitat. Other significant wildlife habits (IWBWH). From USFWS's Official Species Lists.

#### III. Cost Efficiency and Effectiveness

iii. Oost Emolericy and Emocriveness	
Total Project Cost;	Total: \$315K
Total Match;	Requested: \$150K
% Match proposed	Match: \$165K
	: Gorrill Palmer Consulting Engineers, Inc.
Engineering	:
Army Corp Permit info	Not contacted. Will contact with award by April 2023.
Costs over previous 10 years	\$2K repairs, \$20K closures
Construction year	2-4 weeks. 8-9 2023

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-12, Dover-Foxcroft 3

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or
clarification required

Match not specifically committed via budget or other source. Pending permitting conversations. Structure anticipated to be relatively

straightforward.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-13, Durham

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Swamp Road
Stream Name	Meadow Brook. Drains to Newell Brook to Androscoggin River
Existing Culvert Size & Material	2- 3' circular, 49.3' length, plastic
Crossing Age	27 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	20' W x 17.8' clear span x 31.5' L, open bottom arch, with abutments, concrete

Estimated time to failure	3-5 years
Previous flooding or failure events, documentation, culvert condition, age	Overtopping 2-3 times per year. Large, eroded pool at outlet.
Change in culvert capacity	Increase.
Design meets DOT 100-year flood standard	PE sized to greater than 100-year flow
Regularly obstruction or maintenance required	Culvert clog with debris and ice frequently and closes road
Cut-offs or detours	60+ homes detour, 5 businesses detour, 60+ critical infrastructure detour. 6.7 mile detour. 1568 traffic count.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	large # of homes detoured. High vehicle use. No guardrail currently. Public services may need to be rerouted if failure.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-13, Durham

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	with natural stream bed
New Structure considerations	
Barrier status, source	Perched 6-8" downstream. Not listed as barrier on SHV.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	No contact DMR. Contacted IFW. Letter from USFWS, Atlantic salmon ES, northern long-eared bat TS, monarch butterfly CS. Inland waterfowl (significant wildlife habitat list)
Habitat Opened/Improved	Improvement to good amount of high-quality habitat
Fish present, source of info	Yes. Wild brook trout, Atlantic salmon landlocked.

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match; % Match proposed	Total: \$300K Requested: \$150K Match: \$150K (town budget and AAPA funding)
Engineering	: AE Hodson Engineers :
Army Corp Permit info	Have permit in-hand.
Costs over previous 10 years	\$8-10K (anticipate reduction of \$1K per year with new and safety improvement)
Construction year	2 months, summer-fall 2023

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-13, Durham

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	funding in-hand, permit in-hand, final design completed
Additional efficiencies;	
Design concerns or	
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-14, Eastbrook

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Macomber Mill Road
Stream Name	Macomber Mill Stream. Drains to Sandy Brook to Union River
Existing Culvert Size & Material	12.5' W x 8' W, 34' Length, closed bottom arch, corrugated metal pipe
Crossing Age	65 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	17' W, 7.8' H, 36' L, open bottom box, concrete

Estimated time to failure	1-3 years, 3-5 years
Previous flooding or failure events, documentation, culvert condition, age	Not aware of overtopping. Reports of being full several times. Extensive site and bottom rot. Concerns that recent storms (e.g., October 2022) are wearing structure faster.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes, worksheet, and PE
Regularly obstruction or maintenance required	
Cut-offs or detours	32 homes detour, 2 businesses detour. 13 mi detour via small gravel rods, 18 mi via asphalt road
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Long detour. High usage in warm months to Molasses Pond and camps.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-14, Eastbrook

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	Application notes not prudent to install 1.2 BFW – slow water and risk sediment deposition.
Natural Bottom information; Banks within structure?	
New Structure considerations	100-year
Barrier status, source	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits Habitat Opened/Improved	Site visit 5.27.22. DMR site visit and LOS (7.28.22). IFW site visit and LOS - indicated support as long as there is no extensive tree removal in the Wildlife Management Area.
Fish present, source of info	Wild brook trout, landlocked Atlantic salmon

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$235K Requested: \$115K Match: \$120K (+)
Engineering	: Dirigo :
Army Corp Permit info	
Costs over previous 10 years	\$22K on survey and geotechnical for new design
Construction year	1 week if preformed footers used, >2 weeks if pour in place due to bedrock. Aug 2023.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-14, Eastbrook

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	The Town has been putting money aside + HCSWCD≈\$1,000, and,
Additional efficiencies;	possibly ME-IFW or ME-DEP ≈\$500 for fish block net install
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-15, Fairfield

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Green Road, Pirate lane
Stream Name	Tobey Brook. Drain to Fish Brook, Messalonskee Stream, Kennebec River
Existing Culvert Size & Material	5.4' / 54", 59.4' length, corrugated metal culvert
Crossing Age	25 years
Bankfull width and method	US and DS, SHW, Stream Stats, H&H regression
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	minimum span of 13', 6' H, 40' L, bridge or span, concrete

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	Failure in 2014 due to Beaver Dam. Coatings failed quickening corrosion.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes, worksheet, plus PE. Current barely passes 10-year
Regularly obstruction or maintenance required	Annually
Cut-offs or detours	2014 partial closure 4 hrs. 25 homes detour, 2 business detour. 9 mile detour. 805 traffic count
Affected residents, business, affected critical infrastructure, other safety issues, traffic	High usage and long detour.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-15, Fairfield

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field and a result of	Post CH Children Charles
Field work: Bankfull width,	Bankfull width method:
method, & confidence; skew	Longitudinal profile of stream beyond culvert influence included? :
matches stream, longitudinal	
profile?	
1.2 x BFW or Tidal analysis	Yes.
sizing, considerations	
performed	
Natural Bottom information;	with natural stream bed
Banks within structure?	
New Structure considerations	
Barrier status, source	Not in SHV. Currently a partial barrier when clogged. If material
	removed, may become perched.
Benefits to Fish & Wildlife;	Contacted DMR – no salmon or anadromous species or anticipated
Water quality improvements;	·
, , , , , , , , , , , , , , , , , , , ,	Contacted IFW – yes, brook trout, plus other species listed (class I, 2,
Support letters, other notable	3)
benefits	
Habitat Opened/Improved	quality habitat brook trout, large wetland upstream
Fish present, source of info	

III. Cost Efficiency and Effectiveness

iii: Oost Emolericy and Encourteness	
Total Project Cost;	Total: \$245K
Total Match;	Requested: \$150K
% Match proposed	Match: \$95K (road budget)
<b></b>	: Dirigo
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	\$5K repairs, \$2.5K closures
Construction year	1 month. 8-9 2023

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-15, Fairfield

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Work appears ready to go, engineer demonstrated previous good
Additional efficiencies;	projects, match set aside
Design concerns or	
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-16, Freedom

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Hustus Brook Bridge, Mitchel Rd.
Stream Name	Winslow Brook or Willow Brook. Drains to Sandy Pond
Existing Culvert Size & Material	16' W, 9.5' H, 20' L, bridge or span, concrete
Crossing Age	95 years. Bridge constructed by the State of Maine in 1927
Bankfull width and method	US and DS 20', SHV 10.1', SS 9.3', BFW 10'
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	12' H, 10' H, 12' L, open bottom box

Estimated time to failure	3-5 years
Previous flooding or failure	Not provided.
events, documentation,	
culvert condition, age	
Change in culvert capacity	Limited.
Design meets DOT 100-year flood standard	Yes.
Regularly obstruction or maintenance required	Bridge span is rated fair to poor
Cut-offs or detours	25 homes detour, 1 business detour. 8 mi detour. Traffic count 168.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Long detour.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** 2022R-16, Freedom

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? : No
1.2 x BFW or Tidal analysis sizing, considerations performed	Yes, not to all methods.
Natural Bottom information; Banks within structure?	Continuous bed. No further specifics.
New Structure considerations	
Barrier status, source	No.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Potential, but unclear. No documentation.
Habitat Opened/Improved	
Fish present, source of info	

III. Cost Efficiency and Effectiveness

III. Gost Emolerity an	iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$unknown	
Total Match;	Requested: \$150K	
% Match proposed	Match: \$ unknown (annual town meeting March 2023)	
Engineering	:	
Liigiileeiilig	:	
Army Corp Permit info	Will be contacted 1.30.23	
Costs over previous 10 years	\$1K	
Construction year	60-90 days. 7-10 2023	
Feasibility for success;	Additional fieldwork needed, no final design. No total cost known, and	
Additional efficiencies;	no match set aside.	
Design concerns or		
clarification required		

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-17, Georgetown

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Robinhood Road
Stream Name	Unnamed Stream. Drain to Sasanoa River
Existing Culvert Size & Material	3' circular, 68' length, concrete
Crossing Age	65 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	10' x 6' x 60' closed bottom box, concrete, embedded

Estimated time to failure	3-5 years
Previous flooding or failure events, documentation, culvert condition, age	Has been damaged in past 10 years. \$25K to repair embankment (culvert sections separating)
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Regular debris every spring and fall. High erosion in area may cause culvert to fill with material during storm
Cut-offs or detours	40 homes and 3 businesses cut-off. Traffic count 383.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	No alternate route exists. Dead end road to homes, marina, boatyard, and restaurant.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-17, Georgetown

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	with natural stream bed
New Structure considerations	
Barrier status, source	Yes, barrier, partially blocked
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Atlantic Salmon critical habitat, and are nearby, but not currently at this location
Habitat Opened/Improved	Only structure, would open entire segment.
Fish present, source of info	

III. Cost Efficiency and Effectiveness

III. COST ETHICIETICY art	d Enocutoriose
Total Project Cost;	Total: \$402K
Total Match;	Requested: \$150K
% Match proposed	Match: \$252K
Factorial	: Pine Tree Engineering, Inc.
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	\$30K, embankment stabilization and ongoing cleaning.
Construction year	8-2023 – 9-2023
Feasibility for success;	Funds committed, have design. Town intends to use local contractors
Additional efficiencies;	and local materials and purchase box directly. Town inherited road
Design concerns or	from DOT and request funds to maintain.
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-18, Greene

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Sprague Mills Road
Stream Name	Hooper Brook. Drain to Sabattus Pond
Existing Culvert Size & Material	15' x 20' x 20' open bottom arch, corrugated metal, concrete
Crossing Age	64 years. DOT inspection every 2 years, poor condition
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	15' x 20' x 30' open bottom arch, corrugated metal

Estimated time to failure	5-10 years
Previous flooding or failure events, documentation, culvert condition, age	None reported. Metal fatigue and road wear.
Change in culvert capacity	Length only ?
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Cleaned 1x / year
Cut-offs or detours	12 homes, 1 business, and 1 critical infrastructure detoured. Traffic count 330. Detour 3.5 mi.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Plow route and emergency response affected with failure

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-18, Greene

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	More sizing measurements needed
Barrier status, source	Not current barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW contacted. US show ability for WBT in headwaters.
Habitat Opened/Improved	~6 miles improved, plus potential habitat with more flow, large wetland upstream
Fish present, source of info	Yes

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$510K Requested: \$150K Match: \$360K
Engineering	: Multiple estimates from local contractors :
Army Corp Permit info	Contacted
Costs over previous 10 years	\$2K
Construction year	7-2024 – 10-2024

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-18, Greene

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or
clarification required

Additional fieldwork and design work needed, match only planned, US Government funding mentioned but no source, application date, or

letters included.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-19, Greene

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Main Street
Stream Name	Hooper Brook. Drain to Sabattus Pond
Existing Culvert Size & Material	9' x 6.5' x 28' open bottom box, concrete, stone
Crossing Age	80 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	18' w x 8' x 35' closed bottom box, concrete

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	1987 storm, 8' rain, bridge under 2' water. Granite stone and road surface deteriorating.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Debris cleaned every 6 months, + more for beavers
Cut-offs or detours	27 homes, 2 businesses, detour. traffic count 160-300. Detour 0.7 miles.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	emergency vehicles increase response times. Concerns for weight of plow truck will cause failure.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-19, Greene

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Not current barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Value to DMR, WBT potential in headwaters
Habitat Opened/Improved	~6 miles improved, plus potential habitat with more flow, large wetland upstream
Fish present, source of info	Yes

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$510K Requested: \$150K Match: \$360K
Engineering	: Multiple estimates from local contractors :
Army Corp Permit info	Contacted
Costs over previous 10 years	\$5K clearing
Construction year	7-2024 – 9-2024

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-19, Greene

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or clarification required

Additional fieldwork and design work needed, match only planned, US
Government funding mentioned but no source, application date, or letters included.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-20, Hartland

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Morrill Pond Road
Stream Name	Jordan Brook. Drain to Sibley Pond to Carrabassett Stream to Kennebec R
Existing Culvert Size & Material	2 – 6' x 5' x 33' circular, metal pipe
Crossing Age	50+ years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	18' x 5' x 36' bridge/span, concrete

Estimated time to failure	3-5 years
Previous flooding or failure events, documentation, culvert condition, age	Overtopped flood of 1987. Soil coming into one culvert where it separated.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	75 homes, 2 businesses, detour. ~50 camps access pond from road. traffic count 182. Detour 8 miles.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	School buses, emergency vehicles increase response times.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-20, Hartland

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Not current barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Value to DMR, WBT potential in headwaters, plus potential habitat with more flow, large wetland upstream
Habitat Opened/Improved	>3 miles improved.
Fish present, source of info	Yes

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match; % Match proposed	Total: \$320K Requested: \$150K Match: \$170K
Engineering	: Dirigo :
Army Corp Permit info	Contacted
Costs over previous 10 years	<\$500 pavement patching, sinkholes
Construction year	8-2023 – 9-2023

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-20, Hartland

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Focus on increasing size. Unzipped at bottom of structure currently.
Additional efficiencies;	Fairly long detour of 8 miles.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-21, Knox

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**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:**

Road name	Know-Shibles Road
Stream Name	Eliot Stream. Drain to Halfmoon Stream to Twenty-Five Mile Stream to
	Kennebec R.
Existing Culvert Size &	11.8' x 4.58' x 41' open bottom arch, corrugated metal pipe
Material	
Crossing Age	68 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	24' x 5' x 28' bridge/span, concrete

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	Rusting, timbers rotting. DOT 2021 inspection, any time for failure.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	None reported
Cut-offs or detours	30 homes, 3 businesses detour. traffic count 203, 5 daily truck. Detour 2-7 miles pending route.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	DOT decreased weight, farm shipments now via alt. route on dirt road. Increase emergency response if failure.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-21, Knox

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

ii. Deficite to Fish & Wilding	
Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Yes, barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW strong support, high quality habitat.
Habitat Opened/Improved	~5 miles
Fish present, source of info	Brook trout

## **III. Cost Efficiency and Effectiveness**

iiii 000t Emoioney and Emocaronose	
Total Project Cost;	Total: \$495k
Total Match;	Requested: \$150k
% Match proposed	Match: \$245.5 (+\$55K IFW = \$5 in-kind + \$50 grant)
F	: Dirigo Engineering
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	\$7,822 on road repairs and around culvert.
Construction year	7-2023 – 9-2023

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-21, Knox

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Have put in request to IFW and plan to put in additional \$190K from
Additional efficiencies;	town, but no funding in hand
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-22, Levant

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Horseback Road
Stream Name	Black Stream. Drain to Kenduskeag Stream
Existing Culvert Size & Material	16.5' x 9.1' x 66' closed bottom arch, corrugated metal pipe
Crossing Age	60 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	26.9' x 9.5' x 50' closed bottom box, concrete

Estimated time to failure	5-10 years
Previous flooding or failure events, documentation, culvert condition, age	No flooding or failures, just annual debris issues.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes, annual debris issues, no other problems. No flooding or washouts, but is undersized at present.
Cut-offs or detours	37 homes detour. traffic count 700. 10-mile detour.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-22, Levant

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Potentially barrier, likely open
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW support, high quality habitat. WBT, AS sea run, Alewives sea-run
Habitat Opened/Improved	31+ miles open
Fish present, source of info	Yes

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$322K
Total Match;	Requested: \$150K
% Match proposed	Match: \$172K
Facinosvina	: Plymouth Engineering
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	\$15.3k physical repairs, no road closure costs.
Construction year	7-2023 – 8-2023
Feasibility for success;	Some additional permitting and design work needed, and may lead to
Additional efficiencies;	funding needs
Design concerns or	
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-23, Lincolnville

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**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:**

Road name	Townhouse Road
Stream Name	Unknown. Drain to Meservey Brook to Norton Pond to Megunticook Lake
	to Megunticcok R.
Existing Culvert Size &	1 – 42" corrugated metal pipe, 1 – 36" plastic pipe
Material	
Crossing Age	1 - 35 years, 1 – unknown
Bankfull width and method	
New Structure size & type.	12' x 6' x 40' open bottom box, concrete
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	Less than 1 year
Previous flooding or failure events, documentation, culvert condition, age	High risk to failure. 2 washouts within last year, and same size culvert is in place now.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	No
Cut-offs or detours	10 homes detour. Traffic count 50. 2.6-mile detour.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Is a bus route

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-23, Lincolnville

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

## II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Not barrier, but very undersized
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Support from IFW, high quality WBT habitat, large wetland complex upstream.
Habitat Opened/Improved	2.6 miles. 10 barriers downstream, improves habitat for segment.
Fish present, source of info	Yes

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$450K Requested: \$150K Match: \$300K
Engineering	: Gartley & Dorsky :
Army Corp Permit info	In hand
Costs over previous 10 years	\$10K repairs, pipe patched, road grading, soil stabilization, \$1.5K closures
Construction year	7-2023 – 9 -2023

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-23, Lincolnville

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Preliminary design, working with engineer, match already approved
Additional efficiencies;	
Design concerns or	
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-24, Manchester

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Prescott Road
Stream Name	Tanning Brook. Drain to Bond Brook to Kennebec R.
Existing Culvert Size & Material	1 - 42" x 84", 1 42" x 87" corrugated metal pipe
Crossing Age	50-60 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	12' x 4' x 88' open bottom arch, concrete

Estimated time to failure	5-10 years
Previous flooding or failure events, documentation, culvert condition, age	Starting to corrode and open at bottom, and plunge pool causing erosion.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	
Cut-offs or detours	1-2 homes 1.5 miles detour. High traffic count 1100.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-24, Manchester

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bottom
New Structure considerations	
Barrier status, source	Yes, barrier. Perched.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW support
Habitat Opened/Improved	quarter mile opening to next barrier
Fish present, source of info	Potential for WBT and ATS

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$300K
Total Match;	Requested: \$150K
% Match proposed	Match: \$150K
Facinosvina	: SJR Engineering, Monouth
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	None reported
Construction year	7-2024 – 10-2024
Feasibility for success;	Select board committed funding
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-25, Mercer

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Pond Road
Stream Name	Pattee Brook. Drain to North Pond to Belgrade Lakes to Messalonskee
	Stream to Kennebec R.
Existing Culvert Size &	2 - 5' x 30', corrugated metal pipe, 1 – 5' x 30' plastic pipe
Material	
Crossing Age	2 - 20 years, 1 – 10 years
Bankfull width and method	
New Structure size & type.	30' bridge/span, concrete
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation,	2019 most recent. 3 times total.
culvert condition, age	
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Beavers spring and fall
Cut-offs or detours	30 homes, 1 business cut-off. Traffic count 120.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Along lake

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-25, Mercer

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

## II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Consistency with existing watershed management plan. WBT known to be present
Habitat Opened/Improved	
Fish present, source of info	Yes

**III. Cost Efficiency and Effectiveness** 

iii. Oost Emolericy and Emocriveness	
Total Project Cost;	Total: \$420K
Total Match;	Requested: \$150K
% Match proposed	Match: \$270K
	: Dirigo
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	\$6-8K new plastic culvert, \$5K road repair.
Construction year	8-2023 – 9-2023

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-25, Mercer

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;
Additional efficiencies;
Design concerns or
clarification required

Uncertain match. Demonstrated partnerships and interest to not lose previous investments to road improvements in area. Unsure if project

will be completed in 2023 or 2024.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-26, Mexico

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Thompson Hill Road
Stream Name	Unnamed Stream. Drain to Swift River to Androscoggin R.
Existing Culvert Size & Material	7.5' x 5.5' x 16' wooden box, open bottom
Crossing Age	> 50 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	12' x 6' x 40' closed bottom box, concrete, embedded

Estimated time to failure	< 1 year
Previous flooding or failure events, documentation, culvert condition, age	Support integrity from 2022 DOT crib work, temporary.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	
Cut-offs or detours	1 home, 2 businesses, and town water supply cut-off.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Public water supply for Mexico cut-off.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-26, Mexico

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	No barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Good habitat
Habitat Opened/Improved	
Fish present, source of info	only one fish documented

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$371K
Total Match;	Requested: \$150K
% Match proposed	Match: \$221K
Factoria	: Pine Tree Engineering
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	\$7K crib work, \$1K closures
Construction year	7-2023 – 9-2023
Feasibility for success;	Working with engineer, design completed, and tax dollars committed.
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-27, Monmouth

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Wilson Pond Road
Stream Name	Bog Brook. Drain to Androscoggin Lake
Existing Culvert Size & Material	60" circular, corrugated pipe, plastic
Crossing Age	22 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	21' x 6' x 40', closed bottom box, concrete

Estimated time to failure	< 1 year
Previous flooding or failure events, documentation, culvert condition, age	~ 3 times. History of flooding, very undersized. Structure is pieced together and looks poorly constructed.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Beaver. Obstructed 4-6 times per year.
Cut-offs or detours	4 houses (+ additional camps), 1 business cut-off. Traffic count 246.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Campground and resort access.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-27, Monmouth

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

## II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	No barrier.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	
Habitat Opened/Improved	Long stretch upstream of structure, ~ 5.5 miles. But dam shortly after downstream before entering lake negates some of that improvement.
Fish present, source of info	brown bullhead and pumpkinseed sunfish, IFW survey 8-2022.

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$370K Requested: \$150K Match: \$220K
Engineering	: Pine Tree Engineering:
Army Corp Permit info	Contacted
Costs over previous 10 years	~\$10K gravel, riprap, temporary replacement, \$1K closures
Construction year	7-2023 – 9-2023
Feasibility for success; Additional efficiencies; Design concerns or clarification required	Working with engineer, design completed, and tax dollars committed.

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-28, Nobleboro

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Bayview Road
Stream Name	Unnamed Stream. Drain to Damariscotta R.
Existing Culvert Size & Material	4' x 61' 8" circular, plastic
Crossing Age	5 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	12' x 4' x 60' open bottom arch, aluminum pipe

Estimated time to failure	3-5 years
Previous flooding or failure events, documentation, culvert condition, age	Structural damage, remains in-place 5-6 years
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Obstructed several times.
Cut-offs or detours	135 homes, 3 businesses detour. Detour 4.5 miles. Traffic count 1000.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Large number of people impacted if failure.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-28, Nobleboro

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Support from IFW. In watershed management plan area. Sea run rainbow smelt, American eel
Habitat Opened/Improved	0.55 miles improved/opened (pending barrier status)
Fish present, source of info	Yes

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$501K Requested: \$150K Match: \$353K
% Match proposed	·
Engineering	: Calderwood Engineering
Engineering	: Contech Engineering
Army Corp Permit info	Contacted corps.
Costs over previous 10 years	\$0 reported
Construction year	7-2023 – 9-2023
Feasibility for success;	No confirmed match for high estimate. Total cost may be
Additional efficiencies;	overestimated - ESC (coffer dams) and costs of materials. Additional
Design concerns or	concerns about using aluminum.
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-29, Peru

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Dickvale Road
Stream Name	Unnamed Stream. Drain to Spears Stream
Existing Culvert Size & Material	6' x 4'3" x 23' open bottom box, concrete, embedded
Crossing Age	72 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	12' x 4'10" x 28' open bottom box, concrete, embedded

Estimated time to failure	3-5 years
Previous flooding or failure events, documentation, culvert condition, age	A few times, debris
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Couple times per year
Cut-offs or detours	~80 homes, 6 businesses detour. 6.5 mile detour. Traffic count 679.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Large number of people impacted if failure.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-29, Peru

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Likely obstructed for fish.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	High quality habitat. IFW support.
Habitat Opened/Improved	3.8 miles to DS
Fish present, source of info	Brook trout

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$188K Requested: \$150K Match: \$32-\$38K
Engineering	:Calderwood Engineering :
Army Corp Permit info	Contacted
Costs over previous 10 years	Minimal
Construction year	7-2023 – 10-2023
Feasibility for success; Additional efficiencies;	Match planned, working with engineer.
Design concerns or clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-30, Richmond 1

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Brown Road
Stream Name	Unnamed Stream. Drain to Abagadasset River
Existing Culvert Size & Material	72" x 51' circular corrugated metal pipe
Crossing Age	> 50 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	18' x 8' x 45' closed bottom box, concrete, embedded

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	3 washouts in last 10-15 years. Spring and fall debris plug crossing.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	2x per year, spring and fall
Cut-offs or detours	64 homes, 3 businesses detour. Detour 4.7 miles. Traffic count 257.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Large number of farms that road provides direct access to

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-30, Richmond 1

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Yes barrier. Perched 6"
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Limited support from natural resource agencies.
Habitat Opened/Improved	
Fish present, source of info	IFW reported warm water species

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$397K
Total Match;	Requested: \$150K
% Match proposed	Match: \$247K
Facinosvina	: Pine Tree Engineering
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	In-kind public works
Construction year	7-2023 – 9-2023
Feasibility for success;	Match committed.
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-31, Richmond 2

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Lincoln street
Stream Name	Unnamed Stream. Drain to Mill Brook to Kennebec R.
Existing Culvert Size & Material	2 – 48' circular corrugated metal pipe, 1 36" circular plastic pipe
Crossing Age	2 -> 50 years, 1 - > 20 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	18' x 8' x 50' closed bottom box, concrete, embedded

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	Regular washout prior to 2016. Town raised road.
Change in culvert capacity	Increase. Combine separate pipes to one structure.
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Regularly blocked because too small
Cut-offs or detours	56 homes, 1 critical infrastructure 6.3-mile detour. Traffic count 272.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Accesses municipal transfer station.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-31, Richmond 2

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Periodic
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW support
Habitat Opened/Improved	Several miles blocked US; one barrier US and none DS;
Fish present, source of info	Yes

III. Cost Efficiency and Effectiveness

III. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match;	Total: \$242K Requested: \$150K Match: \$274K
% Match proposed	IVIACCII. \$274K
Engineering	: Pine Tree Engineering :
Army Corp Permit info	Contacted
Costs over previous 10 years	\$30K 2 metal culverts, \$1K closures.
Construction year	7-2023 – 10-2023
Feasibility for success;	Match committed.
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-32, Rockland

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Bog Road / Dunbar Road
Stream Name	Branch Brook. Drain to Mill River
Existing Culvert Size & Material	66" circular, corrugated metal pipe
Crossing Age	40-50 years old
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	12' x 8'10" x 55' open bottom arch, corrugated metal

Estimated time to failure	3-5 years
Previous flooding or failure events, documentation, culvert condition, age	10.31.21 rain event, runoff depressed pavement and broke US side shoulder.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	debris
Cut-offs or detours	15 homes cut-off + several camps. Traffic count 106.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-32, Rockland

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Yes, barrier.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Does not have a high habitat value for fish.
Habitat Opened/Improved	Open several miles. No upstream or downstream barriers. Challenge to put in something new in this location to fix issues because of the large drop/perch of several feet.
Fish present, source of info	

**III. Cost Efficiency and Effectiveness** 

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match;	Total: \$435K Requested: \$150K
•	Match: \$285K
% Match proposed	Wateri. \$205K
F	: Town
Engineering	:
Army Corp Permit info	Not contacted to date. Will contact at time of ACOE permit.
Costs over previous 10 years	
Construction year	7-2024 – 9-2024
Feasibility for success;	No committed funds yet, but project date is planned for 2024 which
Additional efficiencies;	could allow time to secure.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-33, Rumford

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Isthmus Road
Stream Name	Scotty Brook. Drain to Swift River to Androscoggin R.
Existing Culvert Size & Material	5' x 68'" corrugated metal pipe
Crossing Age	>50 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	18' x 8' x 65' closed bottom box, concrete, embedded

Estimated time to failure	3-5 years
Previous flooding or failure events, documentation, culvert condition, age	Road overtopped 11 years ago. August 2011 partial washout and road damage.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Clogged debris every spring
Cut-offs or detours	33 homes, 1 business 8.4-mile detour. Traffic count 371.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Gravity sewer above culvert . Road is only access to Black Mountain ski area, resort year-round

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-33, Rumford

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Yes, barrier. Perched.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW support, high quality habitat, most important spawning habitat for BKT in swift river tributary.
Habitat Opened/Improved	~2.2 miles opening upstream
Fish present, source of info	Wild brook trout, and longnosed dace (species of special concern)

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$467K
Total Match;	Requested: \$150K
% Match proposed	Match: \$317K
Facinosvina	: Pine Tree Engineering
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	>\$26K 2011 repairs
Construction year	7-2023 – 9-2023
Feasibility for success;	Committed taxations for match, engineer with plans.
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Scraggly Lake Rd
Stream Name	Unnamed Stream. Drain to Sawtelle Brook
Existing Culvert Size & Material	38' x 24" x 38"' open bottom box, concrete
Crossing Age	1 year temporary repair
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	45' x 5' x 40' open bottom box, concrete

Estimated time to failure	<1 year
Previous flooding or failure events, documentation, culvert condition, age	Overtopping and some gravel washout in 2022. The current 2' pipe is nominally bigger and likely to fail.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	
Cut-offs or detours	45 homes and camps, 6 businesses, and forest operations cut-off.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements BIDDER NAME: 2022R-35, T6-R7 WELS (Penobscot Co)

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	Will not meet 1.2 BFW.
Natural Bottom information; Banks within structure?	
New Structure considerations	
Barrier status, source	Yes, barrier.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	
Habitat Opened/Improved	>4 miles cold water habitat opened up/down
Fish present, source of info	

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$76.5K
Total Match;	Requested: \$44.7K
% Match proposed	Match: \$30K
Fusingspies	: Plymouth Engineering
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	>\$3K downslope ditch shaped and riprapped.
Construction year	
Feasibility for success;	Concern for feasibility with ledge, and that budget is sufficient to build
Additional efficiencies;	intended structure.
Design concerns or	
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-36, Topsham

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Tedford Road
Stream Name	Unknown name. Drain to Cathance River
Existing Culvert Size & Material	1 - 36" round, 1 – 24" round
Crossing Age	25 years each
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	12' x 6' x 56' closed bottom box, concrete , embedded

Estimated time to failure	3-5 years
Previous flooding or failure events, documentation, culvert condition, age	
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	2-3 times per year
Cut-offs or detours	Retirement community 2.6-mile detour. Traffic count 135.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-36, Topsham

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Yes, barrier. Acting like dam, impounding water upstream.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Dam downstream could be limiting potential fish benefit for tidal species.
Habitat Opened/Improved	1.82 miles opened.
Fish present, source of info	No evidence

III. Cost Efficiency and Effectiveness

III. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$872K
Total Match;	Requested: \$150K
% Match proposed	Match: Not budgeted, once design complete.
Engineering	: Wright-Pierce
Engineering	:
Army Corp Permit info	Plan to contact in March 2023
Costs over previous 10 years	~\$75K, plastic slip-lined, embankment riprap stabilization.
Construction year	4-2023 – 9-2023
Feasibility for success;	Concern for high project cost with no funding committed. Anticipated
Additional efficiencies;	funding through town once designs complete.
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-37, Troy

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Bog Rd
Stream Name	Unnamed Stream. Drain (potentially) to Carlton Pond
Existing Culvert Size & Material	6.2' x 5' x 36' corrugated metal pipe
Crossing Age	26 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	17' x 6' x 36' bridge/span, concrete

Estimated time to failure	< 1 year
Previous flooding or failure events, documentation, culvert condition, age	Poor structural shape. Rusted through and could cave in.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Beaver weekly or monthly.
Cut-offs or detours	16 homes, 0.4 to 1.1-mile detour. Traffic count 124.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-37, Troy

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Yes, barrier.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	In a wildlife management plan area. Likely to support upland specifies in same habitats/landscape.
Habitat Opened/Improved	>10 miles opened
Fish present, source of info	

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$60K
Total Match;	Requested: \$40K
% Match proposed	Match: \$20K
Fundament of the second	: Town of Troy
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	
Construction year	
Feasibility for success;	No engineer working on project. Total cost for a bridge is does not
Additional efficiencies;	seem feasible. No funding committed.
Design concerns or	
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-38, Waldoboro

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**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:**

Road name	Elm St.
Stream Name	Orff's Brook. Drain to Medomak R.
Existing Culvert Size & Material	7' x 7' x 22' open bottom box, concrete
Crossing Age	45 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	10' x 10' x 40' open bottom box, concrete, embedded

Estimated time to failure	<1 year
Previous flooding or failure events, documentation, culvert condition, age	Upstream culvert increased size 2005.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	
Cut-offs or detours	3 homes and pump station cut-off. Traffic count 128.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Pump for Waldoboro utility district

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-38, Waldoboro

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

#### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	Low flow barrier upstream so other project would need to happen to realize full potential of habitat benefits
Barrier status, source	
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Support from natural resource agencies. High quality habitat, supporting SRBT along with a number of other species.
Habitat Opened/Improved	
Fish present, source of info	Yes

III. Cost Efficiency and Effectiveness

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$226.2K Requested: \$150K Match: \$60K
Engineering	: Gartley & Dorsky (2018-2019) : no current engieer
Army Corp Permit info	Contacted
Costs over previous 10 years	None spent in anticipation of replacement in future.
Construction year	7-2024 – 9-2024
Feasibility for success; Additional efficiencies; Design concerns or clarification required	Previous design in-hand but need to redo to larger size. Match from previous estimate available. May seek additional financing from town for a 2024 project.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-39, Wales

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	East Road
Stream Name	Jock Stream. Drain to Cobbosseecontee Stream to Kennebec R.
Existing Culvert Size & Material	6' x 8'2" x 23.5' open bottom box, concrete
Crossing Age	~80 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	15' x 6'7" x 45' open bottom arch, corrugated metal

Estimated time to failure	>10 years
Previous flooding or failure events, documentation, culvert condition, age	None reported.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Yes. Risk from beaver caused clogging issues requiring regular clearing. Wetland complex upstream. 6-8 times per year.
Cut-offs or detours	No homes, businesses, or critical infrastructure reported. 4-mile detour. Traffic count 300-350.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Increase safety, remove current narrow road section with steep banks on both sides and on curve on slight hill.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-39, Wales

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	No barrier.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Support from IFW, good quality habitat.
Habitat Opened/Improved	
Fish present, source of info	Yes. WBT, blueback heering, American eel, AS modeled.

### III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$306.5K Requested: \$150K Match: \$156.5K
Engineering	: Main-land development consultants :
Army Corp Permit info	Contacted
Costs over previous 10 years	\$3-5K, includes guard rail repair
Construction year	8-2023 – 9-2023

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-39, Wales

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success;	Need for securing funding. Reference multiple previous Town
Additional efficiencies;	conversations, interest to apply before committing funds.
Design concerns or	, 11 ,
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-40, Warren

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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### **Individual Evaluator Comments:**

Road name	Beechwood Street
Stream Name	Peabody Brook. Drain to West Branch Oyster R. and to St. George R.
Existing Culvert Size & Material	10.83' x 7.25' x 83' closed bottom arch pipe arch, corrugated metal
Crossing Age	52 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	21' x 21' x 83' closed bottom box, concrete

Estimated time to failure	3-5 years
Previous flooding or failure events, documentation, culvert condition, age	Potential for failure given current corrosion
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Not mentioned.
Cut-offs or detours	11-mile detour. Traffic count 1059.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Road segment provides major route to avoid Route 1.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-40, Warren

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With naturel stream bed
New Structure considerations	
Barrier status, source	Partial barrier.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Support from IFW.
Habitat Opened/Improved	
Fish present, source of info	American eel

III. Cost Efficiency and Effectiveness

III. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$646K
Total Match;	Requested: \$150K
% Match proposed	Match: \$450K
Engineering	: Hayley Ward
Engineering	:
Army Corp Permit info	Contacted
Costs over previous 10 years	
Construction year	7-2022 – 9-2022
Feasibility for success;	Confirmation of field work and of engineering. Potential to reduce
Additional efficiencies;	height of closed box versus moving to an open box. Some match
Design concerns or	committed match and other planned.
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-41, Wells 1

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Newhall Rd.
Stream Name	Green Brook. Drain to Ogunquit R.
Existing Culvert Size & Material	5.4' x 5.8' x 20' open bottom box, stone
Crossing Age	Unknown
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	25' x 5' x 20' bridge/span, concrete

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	Culvert is already failing. Overtopped May 2006 Mother's Day Storm. May 2020 flooding top granite bam crack, temporary bridge with crane mts and jersey barrier – 2 month closure.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Occasionally
Cut-offs or detours	1 home, 1 business cut-off. Traffic count 173
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Road providers access to highly used fishing/recreation spot

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-41, Wells 1

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	No barrier.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Brook trout American eel. IFW support, WNERR LOS. Significant vernal pools within 1 mile. Spotted turtles, northern long-eared bay.
Habitat Opened/Improved	
Fish present, source of info	Yes

III. Cost Efficiency and Effectiveness

III. Cost Efficiency and Effectiveness	
Total Project Cost;	Total: \$317K
Total Match;	Requested: \$150K
% Match proposed	Match: committed in Bond, TBD
Engineering	: Walsh Engineering
	:
Army Corp Permit info	Contacted
Costs over previous 10 years	2020 closure, repair \$45K.
Construction year	Spring 2023 – fall 2023
Feasibility for success;	Funding to still be committed through bond to be determined.
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-42, Wells 2

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	Coles Hill Road
Stream Name	Merriland River. Drain to Little River
Existing Culvert Size & Material	16' x 12.2', 36.5' open bottom arch, corrugated metal
Crossing Age	1997
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	61' x 12' x 32' bridge/span, steel and concrete abutments

Estimated time to failure	1-3 years
Previous flooding or failure events, documentation, culvert condition, age	May 2006 Mother's Day Storm. Large storms, potential for severe erosion.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Clearing occasionally dry periods, debris can be issue
Cut-offs or detours	20-25 home, 1 business 7-10 (trucks) mile detour. Traffic count 683,
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Long detour. School bus route. Primary access to golf course from Route. 1.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-42, Wells 2

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	No barrier
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW support, brook trout. Well Reserve support.
Habitat Opened/Improved	Remove barrier to terrestrial species - ribbon snakes, spotted turtles, cottontail.
Fish present, source of info	WBT, American eels.

**III. Cost Efficiency and Effectiveness** 

iii. Cost Efficiency and Effectiveness	
Total Project Cost; Total Match; % Match proposed	Total: \$1,88M Requested: \$150K Match: Bond, TBD
Engineering	: Walsh Engineering :
Army Corp Permit info	Contacted
Costs over previous 10 years	\$50K 10-2022 emergency slope repairs. DOT gave Town road post-2006 storm, do not have additional costs of closures under DOT.
Construction year	4-2024 – 10-2024
Feasibility for success; Additional efficiencies; Design concerns or clarification required	Funding committed through bond to be determined.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-43, Whitefield

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	South Hunts Meadow Road
Stream Name	Unnamed outlet of Joy's Pond. Drain to west branch of Eastern R.
Existing Culvert Size & Material	4' x 3' x ~35' circular, corrugated metal pipe.
Crossing Age	
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	17.8' x 4.5' x 28' open bottom box, concrete

Estimated time to failure	< 1 year
Previous flooding or failure events, documentation, culvert condition, age	Water is overtopping from clogging
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	Clogged due to beaves, muskrats, and upstream debris
Cut-offs or detours	63 homes, 3 businesses, 13-mile detour. Traffic count 289.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Very long detour. Reports that motorists attempt to cross when flooded.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-43, Whitefield

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Yes, barrier.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	DMR indicated American Eel likely present, surveyed 10.12.22
Habitat Opened/Improved	Will link up a large amount of wetland
Fish present, source of info	Yes. AS critical habitat, modeled.

III. Cost Efficiency and Effectiveness

III. Cost Efficiency an	d Ellectivelless
Total Project Cost;	Total: \$186,258K
Total Match;	Requested: \$146K
% Match proposed	Match: \$40,258
	: Cayer Civil Engineering Consulting, LC
Engineering	:
Army Corp Permit info	Contacted, application submitted
Costs over previous 10 years	Debris multiple times per year @ \$75 per. 6-7 2022 13 cleanings \$975
Construction year	7-2023 – 9-2023
Feasibility for success;	Engineering, ACOE permit, funding committed through taxes in-hand.
Additional efficiencies;	Large stream smart criteria culvert improved 4.2021 in segment near to
Design concerns or	project.
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-44, Winslow

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	North Pond Road
Stream Name	Farber Brook. Drain to Pattee Pond Brook to Sebasticook R.
Existing Culvert Size & Material	6.6' x 7.3' x 69' circular pipe, metal
Crossing Age	40 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	24' x 8' x 42' bridge/span, concrete

Estimated time to failure	3-5 years
Previous flooding or failure events, documentation, culvert condition, age	None reported for last 10 years. Frequency of sinkholes increasing.
Change in culvert capacity	Increase
Design meets DOT 100-year flood standard	Yes
Regularly obstruction or maintenance required	
Cut-offs or detours	70 homes 5.1 mi. detour. Traffic count 654.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Emergency services and bus impacted by closure.

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: 2022R-44, Winslow

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	May be a low flow barrier
Barrier status, source	Yes, barrier. Perched 10". May be low flow barrier.
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	Not expected to be habitat for AS of anadromous fish.
Habitat Opened/Improved	Only barrier in system, open several miles
Fish present, source of info	Yes.

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$420K Requested: \$150K Match: \$270K
Engineering	: Dirigo Engineering :
Army Corp Permit info	Contacted
Costs over previous 10 years	<\$1k repairs pavement cutting, sinkhole file, repaving.
Construction year	7-2023 – 9-2023
Feasibility for success;	Funding only planned
Additional efficiencies;	
Design concerns or	
clarification required	

RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** Woolwich 1

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

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#### **Individual Evaluator Comments:**

Road name	Murphy's Corner Road
Stream Name	Unnamed Stream. Drain to Back River and to Brookings Bay
Existing Culvert Size & Material	5' circular corrugated metal pipe
Crossing Age	>60 years
Bankfull width and method	
New Structure size & type. Contacted DOT Bridge Program if 20 or greater?	14' x 9.75' x 48' open bottom arch, metal

Estimated time to failure	>10 years	
Previous flooding or failure events, documentation, culvert condition, age	No reported damage in past 10 years.	
Change in culvert capacity	Increase	
Design meets DOT 100-year flood standard	Yes	
Regularly obstruction or maintenance required	Occasional by debris	
Cut-offs or detours	90 homes 7.9-mile detour. Traffic count 240.	
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Currently no guardrail and steep banks. High flow events causing flow backup onto private property.	

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** Woolwich 1

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included?:
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	With natural stream bed
New Structure considerations	
Barrier status, source	Yes, barrier. Perched 4".
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	IFW support. TNC LOS.
Habitat Opened/Improved	>2 miles upstream, only structure, open segment.
Fish present, source of info	Not reported. AS modeled.

**III. Cost Efficiency and Effectiveness** 

Total Project Cost; Total Match; % Match proposed	Total: \$186K Requested: \$150K Match: \$36K
Engineering	: Calderwood Engineering
Army Corp Permit info	Contacted
Costs over previous 10 years	\$0 reported
Construction year	7-2023 – 9-2023
Feasibility for success;	Identified greater than 10 years remaining life. Focus is to make larger.
Additional efficiencies;	Aluminum structure may need to redesign and/or engineering work
Design concerns or	after working with DOT, also uncertain status of in-kind match.
clarification required	

**RFP #:** 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: Woolwich 2

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

<u>Instructions:</u> The purpose of this form is to record proposal review notes written by <u>individual</u> evaluators for this Request for Proposals (RFP) process. It is <u>required</u> 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:**

Road name	George Wright Road
Stream Name	Back River Creek. Drain to Pleasant Cove Sasanoa R.
Existing Culvert Size &	10' x 4' x 45'6" closed bottom box, concrete (outlet consists of 2 – 51"
Material	diameter circular openings formerly held by tide gates – removed 1999)
Crossing Age	88 years
Bankfull width and method	
New Structure size & type.	Removal and road closed. New channel opening constructed.
Contacted DOT Bridge	
Program if 20 or greater?	

Estimated time to failure	5-10 years
Previous flooding or failure events, documentation, culvert condition, age	Fire Chief – floods 2-5x per year, primarily high tides and storm surge.  DOT 2017 inspection "poor condition granite arches about to collapse".
Change in culvert capacity	Increase, removal
Design meets DOT 100-year flood standard	Exceeds
Regularly obstruction or maintenance required	
Cut-offs or detours	1 critical infrastructure cut-off – removal of water main pipe as part of project. Detour 2.1 miles. Traffic count 513.
Affected residents, business, affected critical infrastructure, other safety issues, traffic	Bath water district directionally boring ~200' pipe under new tidal channel concurrent to this project. Removes crossing risks.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

**BIDDER NAME:** Woolwich 2

**DATE:** 11.29.22

**EVALUATOR NAME:** Nathan Robbins

**EVALUATOR DEPARTMENT:** Environmental Protection

### II. Benefits to Fish & Wildlife

Field work: Bankfull width, method, & confidence; skew matches stream, longitudinal profile?	Bankfull width method: Longitudinal profile of stream beyond culvert influence included? :
1.2 x BFW or Tidal analysis sizing, considerations performed	
Natural Bottom information; Banks within structure?	Removal
New Structure considerations	
Barrier status, source	Downstream culvert invert at -3.2'
Benefits to Fish & Wildlife; Water quality improvements; Support letters, other notable benefits	DMR support, important for sturgeon. Coastal program engaged. IFW owns property upstream, engaged and support.
Habitat Opened/Improved	53 miles of marsh
Fish present, source of info	Alewives, blueback herring, American eel, sea-run rainbow smelt, sturgeon, AS critical habitat, other significant wildlife habitat wading birds, tidal marsh, rare plants

III. Cost Efficiency and Effectiveness

Total Project Cost; Total Match; % Match proposed	Total: \$1.425M Requested: \$150K Match: \$1.275M
Engineering	:HNTB
Army Corp Permit info	Contacted
Costs over previous 10 years	
Construction year	3-2025 to schedule with Maine DOT Route 1 project.

RFP#: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

BIDDER NAME: Woolwich 2

**DATE:** 11.29.22

**EVALUATOR NAME: Nathan Robbins** 

**EVALUATOR DEPARTMENT:** Environmental Protection

Feasibility for success; Additional efficiencies; Design concerns or clarification required KELT project management. Secured NFWF NCRF 2018 15K, pending NFWF NCRF 1.2M. Project completion would require an extension and grant would only be available if completed by that timeline, if not

funding would not be available.





Melanie Loyzim Commissioner

# AGREEMENT AND DISCLOSURE STATEMENT RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

I, <u>David Waddell</u> 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.

Signature	12/6/2022 <b>Date</b>
David a. Wardell	





Melanie Loyzim Commissioner

# AGREEMENT AND DISCLOSURE STATEMENT RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

I, <u>John Maclaine</u> 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.

John Maclaine	12/6/2022
Signature	Date





Janet T. Mills Governor Melanie Loyzim Commissioner

# AGREEMENT AND DISCLOSURE STATEMENT RFP #: 202208126

RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

I, <u>James Stahlnecker</u> 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).

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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.

12/6/2022	Signature	Date	
Janes S Store and a second		12/6/2022	
	Jews S La Care		





**Melanie Lovzim** 

Commissioner

AGREEMENT AND DISCLOSURE STATEMENT

RFP #: 202208126
RFP TITLE: 2022 Grants for Stream Crossing Infrastructure Improvements

I, <u>Nathan Robbins</u> 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).

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Nathan Robbins	
	12/6/2022
Signature	Date