

Bridging the Rural Economy of Maine
BCA Summary - All Bridges

7% NPV Summary over 30 Years		
	Costs	Benefits
CAPEX	\$24,547,898	
Maintenance Costs		\$3,951,814
Vehicle Travel Time & Ops Costs Savings		\$534,139,965
Vehicle Safety		\$73,236,905
Vehicle Emissions		\$8,747,877
Avoided Ferry Travel Time & Ops Costs Savings (including Ferry CapEx Costs)		\$19,398,933
Ferry Emissions		\$1,297,508
Residual Value of the Project		\$1,012,792
TOTAL	\$ 24,547,898	\$641,785,794
Benefit-Cost Ratio		26.14

**Bridging the Rural Economy of Maine
BCA Summary - By Bridge**

Babcock - Litchfield/West Gardiner

7% NPV Summary over 30 Years		
	Costs	Benefits
CAPEX	\$2,899,894	
Maintenance Costs		\$135,034
Travel Time & Ops Costs Savings		\$8,677,244
Safety		\$377,759
Emissions		\$32,379
Residual Value of the Project		\$208,334
TOTAL	\$ 2,899,894	\$9,430,750
Benefit-Cost Ratio		3.25

Mill Hill - Stonington

7% NPV Summary over 30 Years		
	Costs	Benefits
CAPEX	\$1,986,525	
Maintenance Costs		\$109,643
Travel Time & Ops Costs Savings		\$37,396,991
Safety		\$4,351,743
Emissions		\$373,000
Residual Value of the Project		\$142,158
TOTAL	\$ 1,986,525	\$42,373,534
Benefit-Cost Ratio		21.33

Boom - Greenbush

7% NPV Summary over 30 Years		
	Costs	Benefits
CAPEX	\$2,832,364	
Maintenance Costs		\$275,860
Travel Time & Ops Costs Savings		\$59,913,656
Safety		\$13,075,705
Emissions		\$1,121,895
Residual Value of the Project		\$158,337
TOTAL	\$ 2,832,364	\$74,545,454
Benefit-Cost Ratio		26.32

Southport - Southport

7% NPV Summary over 30 Years		
	Costs	Benefits
CAPEX	\$9,049,476	
Maintenance Costs		\$2,926,949
Vehicle Travel Time & Ops Costs Savings		\$35,327,094
Vehicle Safety		(\$97,712)

Vehicle Emissions		(\$10,556)	
Avoided Ferry Travel Time & Ops Costs Savings (including Ferry CapEx Costs)		\$19,398,933	
Ferry Emissions		\$1,297,508	
TOTAL	\$ 9,049,476	\$58,842,216	
Benefit-Cost Ratio			6.50

Old Toll - Milo

7% NPV Summary over 30 Years			
	Costs	Benefits	
CAPEX	\$5,490,438		
Maintenance Costs		\$356,670	
Travel Time & Ops Costs Savings		\$116,054,984	
Safety		\$14,659,198	
Emissions		\$1,256,479	
Residual Value of the Project		\$400,863	
TOTAL	\$ 5,490,438	\$132,728,195	
Benefit-Cost Ratio			24.17

Whitney Brook - Bridgewater

7% NPV Summary over 30 Years			
	Costs	Benefits	
CAPEX	\$2,289,202		
Maintenance Costs		\$147,657	
Travel Time & Ops Costs Savings		\$276,769,996	
Safety		\$40,870,212	
Emissions		\$5,974,680	
Residual Value of the Project		\$103,099	
TOTAL	\$ 2,289,202	\$323,865,645	
Benefit-Cost Ratio			141.48