

## Total Costs & Benefits

7% NPV Summary over 30 Years		
	Costs	Benefits
<b>CAPEX</b>	\$17,649,729	
<b>Crash Savings</b>		\$5,636,500
<b>Property Value Improvements</b>		\$10,910,927
<b>Flood Damage Avoidance</b>		\$609,722
<b>Maintenance Savings</b>		\$323,692
<b>Residual Value</b>		\$965,767
<b>TOTAL</b>	<b>\$ 17,649,729</b>	<b>\$ 18,446,609</b>
<b>Benefit-Cost Ratio</b>		
		<b>1.05</b>

Change to Baseline/Alternatives	Type of Impacts	Population Affected by Impacts	Economic Benefit	Summary of Results	Tab in BCA
The project will enhance the safety features associated with the roadways through the towns. Guardrails and safety signage around steep slopes and sharp curvature will be added. All sidewalks will be modernized and meet ADA standards. Several portions of routes will be adjusted to minimize crash potential and reduce potential for flooding damage.	The grant will allow a return to a state of good repair that has been absent for more than 50 years. From the state's perspective these roads are "unbuilt" because so many modern features have never been installed. Safety will be significantly improved. There will be a natural speed calming affect as 50-55 mph limits are the ends of each town will now be met with additional safety features.	The population affected will be the residents of three rural communities in south western Maine as well as transporters and travelers progressign through the towns connecting Maine with neighboring states and Canada. Current AADT for the three project segments in the town approach 22,000 vehicles including almost 1,900 heavy trucks.	The public value of this project at a discounted rate of 7% over 30 years is 1.05:1	On a discounted rate of 7% the project yields a savings of more than \$5.6 million in crash reduction savings; \$0.3 million in maintenance cost reductions; \$0.6 million in flood damage avoidance savings; and nearly \$11 million in property value enhancements.	"Total Benefits"