

#50, SOUTH STREET HILL SAFETY UPGRADES: CITY OF MECHANICVILLE

<p>LOCATION: South 3rd Ave to Prospect Street DESCRIPTION: Reconstruction with road widening to accommodate bike lanes, sidewalk reconstruction, ADA curb ramps, crosswalks, curb replacement, slope stabilization, retaining wall repairs, replace closed drainage system, lighting and utility pole relocation CATEGORY: Pavement COST: \$3.17 M LIFE: 48 Year SPONSOR: City of Mechanicville PAVEMENT CONDITION: 5 FUNCTIONAL CLASS: Urban Collector AADT: 7,100 ON PRIORITY NETWORK(S): None</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BENEFIT/COST RATIO</td> <td style="text-align: right;">7.6</td> </tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$1,522</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$63</td> </tr> <tr> <td>TRAVEL TIME</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>OPERATING/ENERGY*</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>ENERGY/USER</td> <td style="text-align: right;">\$7</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td style="text-align: right;">\$1,452</td> </tr> <tr> <td>OTHER</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td> ANNUALIZED COST (\$k/yr)</td> <td style="text-align: right;"> \$201</td> </tr> </table> <p style="font-size: small; margin-top: 5px;">*includes gasoline usage and ownership costs</p>	BENEFIT/COST RATIO	7.6	TOTAL BENEFITS (\$k/yr)	\$1,522	SAFETY	\$63	TRAVEL TIME	\$0	OPERATING/ENERGY*	\$0	ENERGY/USER	\$7	LIFE CYCLE VALUE	\$1,452	OTHER	\$0	 ANNUALIZED COST (\$k/yr)	 \$201
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CONGESTION RELIEF: No measurable reduction in excess delay. VMT reduced by 1,495.
AIR QUALITY BENEFIT: Volatile organic compounds reduced by 1 KG/year and NOx reduced by 1 KG/year.
ENVIRONMENTAL MITIGATION: Within 0.25 miles of an aquifer and Class 1 & 2 Soils
REGIONAL SYSTEM LINKAGE: Key link between the City's downtown and the High School.

LAND USE COMPATIBILITY (PLANNED OR EXISTING): Mechanicville Revitalization Plan
CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Maintains a vital community link.
ENVIRONMENTAL JUSTICE: Low Income
BUSINESS OR HOUSING DISLOCATIONS: None. Minor ROW strip acquisitions may be needed.

<p>FACILITATES: BICYCLING – Y: Bike lanes WALKING – Y: Sidewalk replacement and ADA</p>	<p>TRANSIT USE – N/A GOODS MOVEMENT – N/A INTERMODAL TRANSFERS – N/A</p>
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SPONSOR PRIORITY: High
SCREENING ISSUES: None
OTHER CONSIDERATIONS: A similar project is on the 2009-2014 TIP as a capped safety project (SA245). This proposed project has a significantly different scope and must compete as a new project.