

#61, LOWER STATE ST (RTE 5) AND WASHINGTON AVE RECONSTRUCTION AND IMPROVEMENTS: CITY OF SCHENECTADY

<p>LOCATION: State St (City Line to Erie Blvd), Washington Ave (NY 5 to I-890 ownership)</p> <p>DESCRIPTION: Reconstruction with curbing, water line replacement, sidewalks, install limited raised median (possibly at Washington Ave only), crosswalks, ADA pedestrian signals and curb ramps, bike facilities, bike racks and landscaping.</p> <p>CATEGORY: Pavement</p> <p>COST: \$10.94 M LIFE: 38 Years</p> <p>SPONSOR: City of Schenectady</p> <p>CURRENT CONDITION: 6</p> <p>FUNCTIONAL CLASS: All Principal Urban Arterial</p> <p>AADT: I-890 – State: 28,000, City Line – Washington: 28,700, Washington – Erie: 7,500</p> <p>ON PRIORITY NETWORK(S): Bike/Ped, ITS, Transit</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black;">BENEFIT/COST RATIO</td> <td style="text-align: right; border-bottom: 1px solid black;">9.6</td> </tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$7,084</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$609</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;">\$33</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td style="text-align: right;">\$6,442</td> </tr> <tr> <td>OTHER</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td style="border-top: 1px solid black;">ANNUALIZED COST (\$k/yr)</td> <td style="text-align: right; border-top: 1px solid black;">\$737</td> </tr> </table> <p style="font-size: small; margin-top: 5px;">*includes gasoline usage and ownership costs</p>	BENEFIT/COST RATIO	9.6	TOTAL BENEFITS (\$k/yr)	\$7,084	SAFETY	\$609	TRAVEL TIME	\$0	OPERATING/ENERGY*	\$0	ENERGY/USER	\$33	LIFE CYCLE VALUE	\$6,442	OTHER	\$0	ANNUALIZED COST (\$k/yr)	\$737
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<p>CONGESTION RELIEF: No measurable reduction in excess delay. VMT reduced by 3,835.</p> <p>AIR QUALITY BENEFIT: Volatile organic compounds reduced by 2 KG/year and NOx reduced by 2 KG/year.</p> <p>ENVIRONMENTAL MITIGATION: Within 0.25 miles of a Sole Source Aquifer, a water feature, 100 year Flood Plain, several National Register Historic Districts and Class 1 & 2 Soils</p> <p>REGIONAL SYSTEM LINKAGE: Would improve the pedestrian environment in a regional commuter area/the end point of the NY 5 BRT system and at Schenectady County Community College.</p>																			
<p>LAND USE COMPATIBILITY (PLANNED OR EXISTING): NY5 Transit Gateway Study, 2008 Comprehensive Plan, 2001 Urban Bike Route Master Plan</p> <p>CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Numerous revitalization projects are planned for this area including a new dormitory for the SCCC.</p> <p>ENVIRONMENTAL JUSTICE: Low Income and Minority</p> <p>BUSINESS OR HOUSING DISLOCATIONS: None.</p>																			
<p>FACILITATES:</p> <p>BICYCLING – Y: shared curb lane</p> <p>WALKING – Y: replace sidewalks, ADA, ped signals</p>	<p>TRANSIT USE – Y: ped improvements</p> <p>GOODS MOVEMENT – N/A</p> <p>INTERMODAL TRANSFERS – Y: Transit/Ped</p>																		
<p>SPONSOR PRIORITY: #1 High</p> <p>SCREENING ISSUES: None</p> <p>OTHER CONSIDERATIONS: NYSDOT owns a portion of Washington Avenue and has jurisdiction over the signal at Washington/State.</p>																			