

#68, UPPER UNION STREET RECONSTRUCTION: TOWN OF NISKAYUNA

<p>LOCATION: West City/Town line at Van Antwerp Rd to NY 146 (Balltown Rd)</p> <p>DESCRIPTION: Reconstruction with reduced cross section from Van Antwerp Rd to Oregon Ave, replace drainage system, curb, extend/consolidate driveways, replace sidewalks, add crosswalk at St. Helen's and a pedestrian island, new landscaping with lights and bus stop shelters, utility pole relocation and left turn lanes at two intersections</p> <p>CATEGORY: Pavement</p> <p>COST: \$3.39 M LIFE: 41 Years</p> <p>SPONSOR: Schenectady County</p> <p>CURRENT CONDITION: Union: 6</p> <p>FUNCTIONAL CLASS: Minor Urban Arterial</p> <p>AADT: Union: 11,100</p> <p>ON PRIORITY NETWORK(S): Bike/Ped, ITS, Access Management, Transit</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">BENEFIT/COST RATIO</td> <td style="text-align: right;">8.3</td> </tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$1,808</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$187</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;">\$14</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td style="text-align: right;">\$1,607</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;">\$219</td> </tr> </table> <p style="font-size: small;">*includes gasoline usage and ownership costs</p>	BENEFIT/COST RATIO	8.3	TOTAL BENEFITS (\$k/yr)	\$1,808	SAFETY	\$187	TRAVEL TIME	\$0	OPERATING/ENERGY*	\$0	ENERGY/USER	\$14	LIFE CYCLE VALUE	\$1,607	OTHER	\$0	ANNUALIZED COST (\$k/yr)	\$219
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CONGESTION RELIEF: No measurable reduction in excess delay. VMT reduced by 2,860.

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 a water feature

REGIONAL SYSTEM LINKAGE: Major commercial corridor in the City, provides access to residential neighborhood and Union College.

LAND USE COMPATIBILITY (PLANNED OR EXISTING): Upper Union Street Streetscape Plan

CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Extend business district and create a more unified neighborhood commercial area.

ENVIRONMENTAL JUSTICE: N/A

BUSINESS OR HOUSING DISLOCATIONS: None. No ROW required.

<p>FACILITATES:</p> <p>BICYCLING – Y: bike lane to be examined</p> <p>WALKING – Y: Replace sidewalks, ADA</p>	<p>TRANSIT USE – Y: Ped improvements</p> <p>GOODS MOVEMENT – N/A</p> <p>INTERMODAL TRANSFERS – Y: Transit/Ped</p>
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SPONSOR PRIORITY: High

SCREENING ISSUES: None

OTHER CONSIDERATIONS: None