

## #54, AQUEDUCT ROAD (CR 10) PAVING PROJECT TOWN OF NISKAYUNA

<p><b>LOCATION:</b> Balltown Road (NYS Route 146) to the City of Schenectady municipal line</p> <p><b>DESCRIPTION:</b> Project will improve existing pavement deficiencies through a hot in place recycling treatment and address current paved shoulders, improve pavement markings including pedestrian crossings, and update signage where needed. Design and inspection were included as 20% of construction, instead of the usual 30%, because the sponsor will provide design.</p> <p><b>SET-ASIDE:</b> RG125 (Non-state road pavement preservation)</p> <p><b>COST:</b> \$ 697,000      <b>LIFE:</b> 10 years</p> <p><b>SPONSOR:</b> Schenectady County</p> <p><b>PAVEMENT CONDITION:</b> 6</p> <p><b>FUNCTIONAL CLASS:</b> Urban Minor Arterial</p> <p><b>AADT:</b> 8,700</p> <p><b>ON PRIORITY NETWORK(S):</b> Bike/Ped</p>	<table> <tr> <td><b>BENEFIT/COST RATIO</b></td><td><b>28.5</b></td></tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td><td>\$2,711</td></tr> <tr> <td>SAFETY</td><td>\$164</td></tr> <tr> <td>TRAVEL TIME</td><td>\$0</td></tr> <tr> <td>OPERATING/ENERGY*</td><td>\$0</td></tr> <tr> <td>ENERGY/USER</td><td>\$42</td></tr> <tr> <td>LIFE CYCLE VALUE</td><td>\$2505</td></tr> <tr> <td>OTHER</td><td>\$0</td></tr> <tr> <td><b>ANNUALIZED COST (\$k/yr)</b></td><td><b>\$95</b></td></tr> </table> <p>*includes gasoline usage and ownership costs</p>	<b>BENEFIT/COST RATIO</b>	<b>28.5</b>	TOTAL BENEFITS (\$k/yr)	\$2,711	SAFETY	\$164	TRAVEL TIME	\$0	OPERATING/ENERGY*	\$0	ENERGY/USER	\$42	LIFE CYCLE VALUE	\$2505	OTHER	\$0	<b>ANNUALIZED COST (\$k/yr)</b>	<b>\$95</b>
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<p><b>CONGESTION RELIEF:</b> Project does not add or reduce capacity.</p> <p><b>AIR QUALITY BENEFIT:</b> Road quality will be improved, influencing better conditions for alternative modes of transportation.</p> <p><b>ENVIRONMENTAL MITIGATION:</b> Within .25 miles of several water features, 100 year flood plain, an aquifer, a State Historic Site, Class 1 &amp; 2 Soils and several open space areas.</p> <p><b>REGIONAL SYSTEM LINKAGE:</b> Will connect to and be consistent with the section in the City of Schenectady. Also connects to Town of Niskayuna Recreation Complex, Aqueduct Park and the Mohawk Hudson Bikeway. Commuter route.</p>
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<p><b>LAND USE COMPATIBILITY (PLANNED OR EXISTING):</b> None stated.</p> <p><b>CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT:</b> Improved pavement and bicycle environment may encourage new businesses.</p> <p><b>ENVIRONMENTAL JUSTICE:</b> N/A, Neutral Impact</p> <p><b>BUSINESS OR HOUSING DISLOCATIONS:</b> No businesses or housing will be affected.</p>
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<p><b>FACILITATES:</b></p> <p><b>BICYCLING</b> – Y: Surface Improvements</p> <p><b>WALKING</b> – Y: Crosswalk Markings</p>	<p><b>TRANSIT USE</b> – N/A</p> <p><b>GOODS MOVEMENT</b> – N/A</p> <p><b>INTERMODAL TRANSFERS</b> – N/A</p>
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<p><b>SPONSOR PRIORITY:</b> 1</p> <p><b>SCREENING ISSUES:</b> None.</p> <p><b>OTHER CONSIDERATIONS:</b> Connects pedestrian and bicycle recreational locations while improving pavement condition.</p>
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