

## #13A, COHOES RTE 470 RECONSTRUCTION

<p><b>LOCATION:</b> East City Line (Hudson River) to West City Line (Columbia Street)</p> <p><b>DESCRIPTION:</b> Reconstruction with five different sections with different project elements. Elements within those five sections include pavement and sidewalk reconstruction, new curbs, new separated storm/sewer system, bike lanes, traffic/pedestrian signals, new signage and streetscape improvements</p> <p><b>CATEGORY:</b> Pavement</p> <p><b>COST:</b> \$27.90 M    <b>LIFE:</b> 47 Years</p> <p><b>SPONSOR:</b> City of Cohoes</p> <p><b>PAVEMENT CONDITION:</b> 0.52 miles: 5, 2.12 miles: 6, 0.32 miles: 7, 0.68 miles: 8, 0.1 miles: 9</p> <p><b>FUNCTIONAL CLASS:</b> Urban Collector/Minor Arterial</p> <p><b>AADT:</b> Western City Line – Central: 11,000, Columbia – Remsen: 5,400, Remsen – NY 787: 10,500, NY 787 – Rens Co Line: 13,900</p> <p><b>ON PRIORITY NETWORK(S):</b> Bike/Ped, Transit, Access Management</p>	<table border="1"> <tr> <td><b>BENEFIT/COST RATIO</b></td> <td style="text-align: right;"><b>2.7</b></td> </tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$4,935</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$1,184</td> </tr> <tr> <td>TRAVEL TIME</td> <td style="text-align: right;">\$51</td> </tr> <tr> <td>OPERATING/ENERGY*</td> <td style="text-align: right;">\$18</td> </tr> <tr> <td>ENERGY/USER</td> <td style="text-align: right;">\$82</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td style="text-align: right;">\$3,600</td> </tr> <tr> <td>OTHER</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td><b>ANNUALIZED COST (\$k/yr)</b></td> <td style="text-align: right;"><b>\$1,805</b></td> </tr> </table> <p>*includes gasoline usage and ownership costs</p>	<b>BENEFIT/COST RATIO</b>	<b>2.7</b>	TOTAL BENEFITS (\$k/yr)	\$4,935	SAFETY	\$1,184	TRAVEL TIME	\$51	OPERATING/ENERGY*	\$18	ENERGY/USER	\$82	LIFE CYCLE VALUE	\$3,600	OTHER	\$0	<b>ANNUALIZED COST (\$k/yr)</b>	<b>\$1,805</b>
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**CONGESTION RELIEF:** No measurable reductions in excess delay. VMT reduced by 53,430.

**AIR QUALITY BENEFIT:** Volatile organic compounds reduced by 30 KG/year and NOx reduced by 28 KG/year.

**ENVIRONMENTAL MITIGATION:** Within 0.25 miles of several water features, an aquifer, 100 year Flood Plain, several National Register Historic Districts and Class 1 & 2 Soils

**REGIONAL SYSTEM LINKAGE:** Enhances City links from Van Schaick Island to the downtown

**LAND USE COMPATIBILITY (PLANNED OR EXISTING):** Route 470 Corridor Study, Van Schaick Island Transportation & Revitalization Study, and several other downtown and waterfront plans. Driveways will be consolidated or reduced as part of the project while overall land use access will be enhanced.

**CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT:** Will support the City's many economic development initiatives.

**ENVIRONMENTAL JUSTICE:** Low Income and Minority

**BUSINESS OR HOUSING DISLOCATIONS:** N/A

<p><b>FACILITATES:</b></p> <p><b>BICYCLING</b> – Y: bike lanes</p> <p><b>WALKING</b> – Y: replaced sidewalks, ADA</p>	<p><b>TRANSIT USE</b> – Y: bike/ped, shelter enhancements</p> <p><b>GOODS MOVEMENT</b> – Y: improved delivery access</p> <p><b>INTERMODAL TRANSFERS</b> – Y: Transit/Ped</p>
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**SPONSOR PRIORITY:** High

**SCREENING ISSUES:** None

**OTHER CONSIDERATIONS:** Sponsor is willing to phase project if necessary.