

#33, WASHINGTON AVENUE RECONSTRUCTION: CITY OF RENSSELAER

<p>LOCATION: Broadway to the I-90 Egress Ramp (City Line)</p> <p>DESCRIPTION: Reconstruction with sidewalk replacement, new traffic signals, crosswalk replacement, combined sewer separation and granite curb reset/replacement</p> <p>CATEGORY: Pavement</p> <p>COST: \$8.55 M LIFE: 49 Years</p> <p>SPONSOR: City of Rensselaer</p> <p>PAVEMENT CONDITION: 5</p> <p>FUNCTIONAL CLASS: Minor Urban Arterial</p> <p>AADT: 6,000</p> <p>ON PRIORITY NETWORK(S): 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;">10.3</td> </tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$5,600</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$118</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;">\$17</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td style="text-align: right;">\$5,465</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;">\$543</td> </tr> </table> <p style="font-size: small; margin-top: 5px;">*includes gasoline usage and ownership costs</p>	BENEFIT/COST RATIO	10.3	TOTAL BENEFITS (\$k/yr)	\$5,600	SAFETY	\$118	TRAVEL TIME	\$0	OPERATING/ENERGY*	\$0	ENERGY/USER	\$17	LIFE CYCLE VALUE	\$5,465	OTHER	\$0	ANNUALIZED COST (\$k/yr)	\$543
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CONGESTION RELIEF: No measurable reduction in excess delay. VMT reduced by 3,965.

AIR QUALITY BENEFIT: Volatile organic compounds reduced by 2 KG/year and NOx reduced by 2 KG/year.

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

REGIONAL SYSTEM LINKAGE: Accesses I-90

LAND USE COMPATIBILITY (PLANNED OR EXISTING): Forbes Avenue Transportation Study

CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Supports urban revitalization

ENVIRONMENTAL JUSTICE: Low Income and Minority

BUSINESS OR HOUSING DISLOCATIONS: N/A

<p>FACILITATES:</p> <p>BICYCLING – Not directly</p> <p>WALKING – Y: Replace Sidewalks and 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: Major school bus route.