

## #38, RECONSTRUCTION OF US RTE 4 (2ND AVE): CITY OF TROY

<p><b>LOCATION:</b> 110th St to 123rd St (Segment A) and 123rd St to 126th St (Segment B)</p> <p><b>DESCRIPTION:</b> Segment A: Reconstruction with parking lanes, sidewalks, crosswalks, new curbs and ADA curb ramps. Segment B: Lane width reduction from 4 to 2, center turn lane median, 5 foot shoulders, sidewalks, crosswalks, new curbs and ADA curb ramps. Drainage to be upgraded as needed.</p> <p><b>CATEGORY:</b> Pavement</p> <p><b>COST:</b> \$18.8 M    <b>LIFE:</b> 46 Years</p> <p><b>SPONSOR:</b> City of Troy</p> <p><b>PAVEMENT CONDITION:</b> 1900 ft: 6, 3335 ft: 7, 450 ft: 8, 1750 ft: 9</p> <p><b>FUNCTIONAL CLASS:</b> Principal Urban Arterial</p> <p><b>AADT:</b> 940 ft: 9,200, 6,045 ft: 10,000, 450 ft: 12,900</p> <p><b>ON PRIORITY NETWORK(S):</b> Bike/Ped, Transit</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;"><b>BENEFIT/COST RATIO</b></td> <td style="text-align: right;"><b>3.5</b></td> </tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$4,260</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$198</td> </tr> <tr> <td>TRAVEL TIME</td> <td style="text-align: right;">\$202</td> </tr> <tr> <td>OPERATING/ENERGY*</td> <td style="text-align: right;">\$257</td> </tr> <tr> <td>ENERGY/USER</td> <td style="text-align: right;">\$19</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td style="text-align: right;">\$3,584</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>\$1,216</b></td> </tr> </table> <p style="font-size: small; margin-top: 5px;">*includes gasoline usage and ownership costs</p>	<b>BENEFIT/COST RATIO</b>	<b>3.5</b>	TOTAL BENEFITS (\$k/yr)	\$4,260	SAFETY	\$198	TRAVEL TIME	\$202	OPERATING/ENERGY*	\$257	ENERGY/USER	\$19	LIFE CYCLE VALUE	\$3,584	OTHER	\$0	<b>ANNUALIZED COST (\$k/yr)</b>	<b>\$1,216</b>
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**CONGESTION RELIEF:** Excess delay reduced by 10 hours/day. VMT reduced by 17,225.

**AIR QUALITY BENEFIT:** Volatile Organic Compounds reduced by 151 KG/year and NOx reduced by 133 KG/year

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

**REGIONAL SYSTEM LINKAGE:** Important north/south route in City

**LAND USE COMPATIBILITY (PLANNED OR EXISTING):** 2 commercial driveways to be reduced

**CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT:** Urban revitalization project

**ENVIRONMENTAL JUSTICE:** Minority

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

<p><b>FACILITATES:</b></p> <p><b>BICYCLING – Y:</b> wider shoulders</p> <p><b>WALKING – Y:</b> sidewalk replacement</p>	<p><b>TRANSIT USE – Y:</b> Bike/Ped improvements</p> <p><b>GOODS MOVEMENT – N/A</b></p> <p><b>INTERMODAL TRANSFERS – Y:</b> Transit/Ped</p>
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**SPONSOR PRIORITY:** 4 of 4 (Medium)

**SCREENING ISSUES:** None

**OTHER CONSIDERATIONS:** None