

## #26, ROUTE 32 RECONSTRUCTION: CITY OF WATERVLIT

<p><b>LOCATION:</b> 1st St North to 26th St  <b>DESCRIPTION:</b> Reconstruction with closed drainage improvements, sidewalk replacement, ADA curb ramps, pedestrian signals, traffic signal replacement, crosswalks, transit stop improvements and bicycle accommodations.  <b>CATEGORY:</b> Pavement  <b>COST:</b> \$24.26 M    <b>LIFE:</b> 47 Years  <b>SPONSOR:</b> City of Watervliet  <b>CURRENT CONDITION:</b> 0.25 miles: 5, 0.73 miles: 6, 1.28 miles: 7  <b>FUNCTIONAL CLASS:</b> Minor Urban Arterial  <b>AADT:</b> 0.25 miles: 6,700, 0.19 miles: 12,900, 0.47 miles: 5,100, 0.13 miles: 3,200, 1.22 miles: 10,100 through the project limits.  <b>ON PRIORITY NETWORK(S):</b> Bike/Ped, ITS, Transit</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><b>BENEFIT/COST RATIO</b></td> <td style="text-align: right;"><b>3.2</b></td> </tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$5,063</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$1,196</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;">\$39</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td style="text-align: right;">\$3,828</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>\$1,569</b></td> </tr> </table> <p><small>*includes gasoline usage and ownership costs</small></p>	<b>BENEFIT/COST RATIO</b>	<b>3.2</b>	TOTAL BENEFITS (\$k/yr)	\$5,063	SAFETY	\$1,196	TRAVEL TIME	\$0	OPERATING/ENERGY*	\$0	ENERGY/USER	\$39	LIFE CYCLE VALUE	\$3,828	OTHER	\$0	<b>ANNUALIZED COST (\$k/yr)</b>	<b>\$1,569</b>
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**CONGESTION RELIEF:** No measurable reduction in excess delay. VMT reduced by 14,820.  
**AIR QUALITY BENEFIT:** Volatile organic compounds reduced by 6 KG/year and NOx reduced by 8 KG/year.  
**ENVIRONMENTAL MITIGATION:** Within 0.25 miles of a water feature, a wetland, an aquifer, 100 year Flood Plain, several National Register Historic Districts and a State/National Historic Site  
**REGIONAL SYSTEM LINKAGE:** Improvements will support future transit corridor.

**LAND USE COMPATIBILITY (PLANNED OR EXISTING):** City of Watervliet Local Waterfront Revitalization Plan. Standardization of driveway widths.  
**CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT:** Supports growth at the Watervliet Arsenal.  
**ENVIRONMENTAL JUSTICE:** Low Income and Minority  
**BUSINESS OR HOUSING DISLOCATIONS:** N/A

<p><b>FACILITATES:</b>  <b>BICYCLING</b> – Y: shared curb lane  <b>WALKING</b> – Y: replaced sidewalks, ADA</p>	<p><b>TRANSIT USE</b> – Bike/Ped enhancements  <b>GOODS MOVEMENT</b> – N/A  <b>INTERMODAL TRANSFERS</b> – Transit/Ped</p>
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**SPONSOR PRIORITY:** High  
**SCREENING ISSUES:** N/A  
**OTHER CONSIDERATIONS:** Linkage study just beginning from the Arsenal South on Route 32.