

#49, MECHANICVILLE NORTH GATEWAY INTERSECTION IMPROVEMENTS: CITY OF MECHANICVILLE

<p>LOCATION: North Central Avenue to North Main Street</p> <p>DESCRIPTION: Reconstruction with new closed drainage, curbs, ADA curb ramps, sidewalks, high visibility crosswalks, install roundabouts at two intersections and a 10 foot multi-use path</p> <p>CATEGORY: Pavement</p> <p>COST: \$6.55 M LIFE: 43 Years</p> <p>SPONSOR: City of Mechanicville</p> <p>CURRENT CONDITION: RR Bridge – N. Central: 9, N. Central – N. Main: 7, N. Main – DeCrescente: 8</p> <p>FUNCTIONAL CLASS: Minor Urban Arterial</p> <p>AADT: RR Bridge – N. Central: 6,400, N. Central – De Crescente: 14,700</p> <p>ON PRIORITY NETWORK(S): Bike/Ped, Access Management</p>	<table border="1"> <thead> <tr> <th colspan="2">BENEFIT/COST RATIO</th> <th style="text-align: right;">6.0</th> </tr> </thead> <tbody> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td></td> <td style="text-align: right;">\$2,532</td> </tr> <tr> <td>SAFETY</td> <td></td> <td style="text-align: right;">\$101</td> </tr> <tr> <td>TRAVEL TIME</td> <td></td> <td style="text-align: right;">\$1,019</td> </tr> <tr> <td>OPERATING/ENERGY*</td> <td></td> <td style="text-align: right;">\$443</td> </tr> <tr> <td>ENERGY/USER</td> <td></td> <td style="text-align: right;">\$3</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td></td> <td style="text-align: right;">\$966</td> </tr> <tr> <td>OTHER</td> <td></td> <td style="text-align: right;">\$0</td> </tr> <tr> <td colspan="2">ANNUALIZED COST (\$k/yr)</td> <td style="text-align: right;">\$423</td> </tr> </tbody> </table> <p>*includes gasoline usage and ownership costs</p>	BENEFIT/COST RATIO		6.0	TOTAL BENEFITS (\$k/yr)		\$2,532	SAFETY		\$101	TRAVEL TIME		\$1,019	OPERATING/ENERGY*		\$443	ENERGY/USER		\$3	LIFE CYCLE VALUE		\$966	OTHER		\$0	ANNUALIZED COST (\$k/yr)		\$423
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CONGESTION RELIEF: No measurable reduction in excess delay. VMT reduced by 4,875.

AIR QUALITY BENEFIT: Volatile organic compounds reduced by 643 KG/year and NOx reduced by 798/year.

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

REGIONAL SYSTEM LINKAGE: Important connection between the City and neighboring towns.

LAND USE COMPATIBILITY (PLANNED OR EXISTING): 2006 Downtown Revitalization Plan, 2009 Downtown and Waterfront Revitalization Plan, and 2009 Central Avenue Corridor Linkage Study.

CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Supports revitalization of existing development and recent redevelopments in a mixed use area.

ENVIRONMENTAL JUSTICE: N/A

BUSINESS OR HOUSING DISLOCATIONS: None. Small amount of ROW needed.

<p>FACILITATES:</p> <p>BICYCLING - - Y: multi-use path</p> <p>WALKING - Y: new sidewalks and path</p>	<p>TRANSIT USE -</p> <p>GOODS MOVEMENT -Y: access improvements</p> <p>INTERMODAL TRANSFERS -</p>
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SPONSOR PRIORITY: High

SCREENING ISSUES: None

OTHER CONSIDERATIONS: Developer mitigation related to recent mixed use redevelopment includes bike accommodations, new sidewalk and some intersection improvements in this area.