

#28, US RTE 4/I-90 EXIT 9 CORRIDOR IMPROVEMENTS: TOWN OF EAST GREENBUSH

<p>LOCATION: Couse Corners to Mannix Road (excludes Mannix and NY 151 [Couse Corners] intersections)</p> <p>DESCRIPTION: Sidewalks, crosswalks, ADA curb ramps, repaving, bike lanes, raised median, driveway relocation, modified interstate access, new curbing, closed drainage and culverts Consideration of installation of a two lane roundabout (at I-90 EB ramps)</p> <p>CATEGORY: Pavement</p> <p>COST: \$7.12 M LIFE: 37 Years</p> <p>SPONSOR: Town of East Greenbush</p> <p>CURRENT CONDITION: NY 151 – I-90 On Ramp: 6, I-90 On Ramp – Mannix: 7</p> <p>FUNCTIONAL CLASS: Principal Urban Arterial</p> <p>AADT: NY 151 – I-90 On Ramp: 21,900, I-90 On Ramp – Mannix: 19,400</p> <p>ON PRIORITY NETWORK(S): Bike/Ped, Access Management, ITS, Transit</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BENEFIT/COST RATIO</td> <td style="text-align: right;">9.5</td> </tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$4,585</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$972</td> </tr> <tr> <td>TRAVEL TIME</td> <td style="text-align: right;">\$39</td> </tr> <tr> <td>OPERATING/ENERGY*</td> <td style="text-align: right;">\$12</td> </tr> <tr> <td>ENERGY/USER</td> <td style="text-align: right;">\$37</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td style="text-align: right;">\$3,525</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;">\$483</td> </tr> </table> <p>*includes gasoline usage and ownership costs</p>	BENEFIT/COST RATIO	9.5	TOTAL BENEFITS (\$k/yr)	\$4,585	SAFETY	\$972	TRAVEL TIME	\$39	OPERATING/ENERGY*	\$12	ENERGY/USER	\$37	LIFE CYCLE VALUE	\$3,525	OTHER	\$0	ANNUALIZED COST (\$k/yr)	\$483
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CONGESTION RELIEF: No measurable reduction in excess delay. VMT reduced by 2,925.

AIR QUALITY BENEFIT: Volatile organic compounds reduced by 20 KG/year and NOx reduced by 12 KG/year

ENVIRONMENTAL MITIGATION: Within 0.25 miles of several water features, in-use farmland, an ag district and Class 1 & 2 Soils

REGIONAL SYSTEM LINKAGE: Major Shopping area and I-90 Access.

LAND USE COMPATIBILITY (PLANNED OR EXISTING): Route 4 Corridor Study (2006).

CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Supports the developing Route 4 corridor. Potential driveway relocation.

ENVIRONMENTAL JUSTICE: Minority

BUSINESS OR HOUSING DISLOCATIONS: N/A

<p>FACILITATES:</p> <p>BICYCLING – Y: bike lanes</p> <p>WALKING – Y: new sidewalks</p>	<p>TRANSIT USE – Y: Bike/Ped improvements (along CDTA’s Shuttle Bee Route)</p> <p>GOODS MOVEMENT – Y: access improvements</p> <p>INTERMODAL TRANSFERS – N/A</p>
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SPONSOR PRIORITY: 1

SCREENING ISSUES: None

OTHER CONSIDERATIONS: Coordination with the Mannix Rd. and NY 151 intersection projects; I-90 EB ramp potential roundabout not included in project cost estimate. NYSDOT owns and maintains US 4 and I-90 Exit 9.