

#35, WINTER STREET EXT. (CR 74) AND BLOOMINGROVE DR. (CR 65) INTERSECTION RECONSTRUCTION: TOWN OF NORTH GREENBUSH

<p>LOCATION: At the intersection to 300 ft away on all approaches</p> <p>DESCRIPTION: Reconstruct the intersection as a single lane roundabout with sidewalks, ADA curb ramps, crosswalks, raised islands, lighting, closed storm drainage system and utility pole relocation</p> <p>CATEGORY: Safety</p> <p>COST: \$1.77 M LIFE: 20 Years</p> <p>SPONSOR: Rensselaer County</p> <p>CURRENT CONDITION: Blooming Grove: 7, Winter St: 6</p> <p>FUNCTIONAL CLASS: Minor Urban Arterial, Urban Collector</p> <p>AADT: Blooming Grove: 7,800, Winter St: 9,500</p> <p>ON PRIORITY NETWORK(S): Transit</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">BENEFIT/COST RATIO</td> <td style="text-align: right; padding: 2px;">0.6</td> </tr> <tr> <td style="padding: 2px;">TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right; padding: 2px;">\$ 94</td> </tr> <tr> <td style="padding: 2px;">SAFETY</td> <td style="text-align: right; padding: 2px;">\$94</td> </tr> <tr> <td style="padding: 2px;">TRAVEL TIME</td> <td style="text-align: right; padding: 2px;">\$0</td> </tr> <tr> <td style="padding: 2px;">OPERATING/ENERGY</td> <td style="text-align: right; padding: 2px;">\$0</td> </tr> <tr> <td style="padding: 2px;">ENERGY/USER</td> <td style="text-align: right; padding: 2px;">\$0</td> </tr> <tr> <td style="padding: 2px;">LIFE CYCLE VALUE</td> <td style="text-align: right; padding: 2px;">\$0</td> </tr> <tr> <td style="padding: 2px;">OTHER</td> <td style="text-align: right; padding: 2px;">\$0</td> </tr> <tr> <td style="padding: 2px;">ANNUALIZED COST (\$k/yr)</td> <td style="text-align: right; padding: 2px;">\$154</td> </tr> </table> <p style="font-size: small; margin-top: 5px;">*includes gasoline usage and ownership costs</p>	BENEFIT/COST RATIO	0.6	TOTAL BENEFITS (\$k/yr)	\$ 94	SAFETY	\$94	TRAVEL TIME	\$0	OPERATING/ENERGY	\$0	ENERGY/USER	\$0	LIFE CYCLE VALUE	\$0	OTHER	\$0	ANNUALIZED COST (\$k/yr)	\$154
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<p>CONGESTION RELIEF: No measurable reduction in excess delay. VMT reduced by 1,950.</p> <p>AIR QUALITY BENEFIT: Volatile organic compounds and NOx reduced by 1 KG/year.</p> <p>ENVIRONMENTAL MITIGATION: Within 0.25 miles of a water feature, an aquifer and Class 1 & 2 Soils</p> <p>REGIONAL SYSTEM LINKAGE: Would improve the safety of a county road intersection.</p>																			
<p>LAND USE COMPATIBILITY (PLANNED OR EXISTING): Town of North Greenbush Comprehensive Plan</p> <p>CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Not directly but would improve traffic flow and the pedestrian environment.</p> <p>ENVIRONMENTAL JUSTICE: N/A</p> <p>BUSINESS OR HOUSING DISLOCATIONS: None. Approx. 0.5 acres of ROW will be required.</p>																			
<p>FACILITATES:</p> <p>BICYCLING – Y: wider shoulders</p> <p>WALKING – Y: sidewalks, crosswalks</p>	<p>TRANSIT USE – Y: Ped improvements</p> <p>GOODS MOVEMENT – Not directly</p> <p>INTERMODAL TRANSFERS – Y: Transit/Ped</p>																		
<p>SPONSOR PRIORITY: High (1 of 2)</p> <p>SCREENING ISSUES: None</p> <p>OTHER CONSIDERATIONS: None</p>																			