

## #47, NORTHLINE RD/OLD POST RD/MALTA AVE ROUNDABOUT: TOWN OF MALTA

<b>LOCATION:</b> Malta Ave at North Line Rd and Old Post Rd <b>DESCRIPTION:</b> Reduce 3 intersections to a single roundabout with new curbs, sidewalks, curb ramps, crosswalks, landscaping, new storm water drainage system and relocation of utility poles <b>CATEGORY:</b> Safety <b>COST:</b> \$3.30 M <b>LIFE:</b> 20 Years <b>SPONSOR:</b> Town of Malta <b>CURRENT CONDITION:</b> <b>FUNCTIONAL CLASS:</b> Northline: Minor Urban Arterial; Malta Ave: Urban Collector; Old Post: Urban Collector and Urban Local <b>AADT:</b> <b>ON PRIORITY NETWORK(S):</b> Transit	<table> <tr> <td><b>BENEFIT/COST RATIO</b></td><td style="text-align: right;"><b>2.0</b></td></tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td><td style="text-align: right;">\$ 582</td></tr> <tr> <td>SAFETY</td><td style="text-align: right;">\$109</td></tr> <tr> <td>TRAVEL TIME</td><td style="text-align: right;">\$364</td></tr> <tr> <td>OPERATING/ENERGY*</td><td style="text-align: right;">\$109</td></tr> <tr> <td>ENERGY/USER</td><td style="text-align: right;">\$0</td></tr> <tr> <td>LIFE CYCLE VALUE</td><td style="text-align: right;">\$0</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;">\$288</td></tr> </table>	<b>BENEFIT/COST RATIO</b>	<b>2.0</b>	TOTAL BENEFITS (\$k/yr)	\$ 582	SAFETY	\$109	TRAVEL TIME	\$364	OPERATING/ENERGY*	\$109	ENERGY/USER	\$0	LIFE CYCLE VALUE	\$0	OTHER	\$0	ANNUALIZED COST (\$k/yr)	\$288
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\*includes gasoline usage and ownership costs

<b>CONGESTION RELIEF:</b> No measurable reduction in excess delay. VMT reduced by 1,950. <b>AIR QUALITY BENEFIT:</b> Volatile organic compounds reduced by 244 KG/year and NOx reduced by 98 KG/year. <b>ENVIRONMENTAL MITIGATION:</b> Within 0.25 miles of several water features, 100 year Flood Plain, an aquifer, several wetlands, in-use farmland, several ag districts and Class 1 & 2 Soils <b>REGIONAL SYSTEM LINKAGE:</b> Reconfigures an intersection to improve safety and traffic flow.
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<b>LAND USE COMPATIBILITY (PLANNED OR EXISTING):</b> Town of Malta Final GEIS <b>CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT:</b> Not directly. <b>ENVIRONMENTAL JUSTICE:</b> N/A <b>BUSINESS OR HOUSING DISLOCATIONS:</b> None. Approx 4.5 acres of ROW will be required.
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<b>FACILITATES:</b> <b>BICYCLING</b> – Not directly <b>WALKING</b> – Y: sidewalks, ADA	<b>TRANSIT USE</b> – Y: Ped improvements <b>GOODS MOVEMENT</b> – Not directly <b>INTERMODAL TRANSFERS</b> – Y: Transit/Ped
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<b>SPONSOR PRIORITY:</b> High (1 of 3) <b>SCREENING ISSUES:</b> None <b>OTHER CONSIDERATIONS:</b> Intersection is owned and maintained by Saratoga County. Coordination between the County and the town will be required.
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