

#46, EASTLINE RD & ROUND LAKE RD INTERSECTION: TOWN OF MALTA

<p>LOCATION: Town of Malta, Saratoga County DESCRIPTION: Intersection reconfiguration with roundabout assumed and new storm water drainage system CATEGORY: Congestion Management COST: \$1.65 M LIFE: 20 years SPONSOR: Town of Malta PAVEMENT CONDITION: 7 FUNCTIONAL CLASS: Eastline: Minor Rural Collector, Round Lake: Urban Collector and Minor Rural Collector AADT: Eastline: 10,400, Round Lake: 13,050 ON PRIORITY NETWORK(S): Bike/Ped, Transit</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black;">BENEFIT/COST RATIO</td> <td style="text-align: right; border-bottom: 1px solid black;">1.4</td> </tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$208</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$86</td> </tr> <tr> <td>TRAVEL TIME</td> <td style="text-align: right;">\$94</td> </tr> <tr> <td>OPERATING/ENERGY*</td> <td style="text-align: right;">\$28</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 style="border-top: 1px solid black;">ANNUALIZED COST (\$k/yr)</td> <td style="text-align: right; border-top: 1px solid black;">\$144</td> </tr> </table> <p style="font-size: small; margin-top: 5px;">*includes gasoline usage and ownership costs</p>	BENEFIT/COST RATIO	1.4	TOTAL BENEFITS (\$k/yr)	\$208	SAFETY	\$86	TRAVEL TIME	\$94	OPERATING/ENERGY*	\$28	ENERGY/USER	\$0	LIFE CYCLE VALUE	\$0	OTHER	\$0	ANNUALIZED COST (\$k/yr)	\$144
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CONGESTION RELIEF: No measurable reductions in excess delay or VMT.
AIR QUALITY BENEFIT: Volatile organic compounds reduced by 39 KG/year and NOx reduced by 16 KG/year.
ENVIRONMENTAL MITIGATION: Within 0.25 miles of several water features, an aquifer, several wetlands and Class 1 & 2 Soils
REGIONAL SYSTEM LINKAGE: N/A

LAND USE COMPATIBILITY (PLANNED OR EXISTING): Intersection improvement recommended in Malta Final GEIS
CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Will support the redevelopment of Malta Mall.
ENVIRONMENTAL JUSTICE: N/A
BUSINESS OR HOUSING DISLOCATIONS: None. Approx. 0.5 acres of ROW will be required.

<p>FACILITATES: BICYCLING – Not directly WALKING – Y: sidewalks, crosswalks</p>	<p>TRANSIT USE – N/A GOODS MOVEMENT – Not directly INTERMODAL TRANSFERS – N/A</p>
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SPONSOR PRIORITY: Low (3 of 3)
SCREENING ISSUES: None
OTHER CONSIDERATIONS: Project was proposed as a capacity improvement for future traffic, violating the CDTC roundabout principle. Sponsor agreed to evaluate the project as a roundabout. Note that the intersection is under Saratoga County jurisdiction and coordination between the County and the Town will be required.