

## Design and Construction of Roundabout at the Intersection of NY Route 67 and Eastline Road

**PROJECT TYPE:** Other (Traffic Signal)

**PROJECT LOCATION(S):** NY Route 67 and Eastline Road, Town of Malta, Saratoga County

**SPONSOR(S):** Town of Malta

**FACILITY OWNER(S):** Town of Malta, Saratoga County and NYSDOT

**DESCRIPTION:** This project intends to eliminate the traffic signal at NY 67/Eastline Road with a roundabout which is known to provide increased capacity for vehicular travel. The primary factors driving the purpose and need of this project are to reduce significant delays at the intersection and to improve safety. The need for the project has been identified in numerous studies including the Update to Town of Malta's Town-wide Generic Environmental Impact Statement (2015), the Saratoga County Regional Traffic Study (2015), and the Route 67 Corridor Study (2006).

**PCOST (INCLUDES MATCH):** \$3.666 M

**DESIGN LIFE OF PROPOSED PROJECT:** 20 years

**CURRENT CONDITION:** N/A

**NHS AND FUNCTIONAL CLASS (IF APPLICABLE):** 67 is on NHS and is classified as 14 - Principal Urban Arterial Other, Eastline is not on NHS and is classified as 18 - Urban Minor Collector

**ANNUAL FACILITY VALUE:** N/A

**TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE):** NY 67 = 18,684, Eastline Rd = 6,006 (NYSDOT Traffic Data Viewer, 2013)

<b>PROJECT TOTAL SCORE (UP TO 100 POINTS)</b>	<b>12.2</b>
MERIT CATEGORY SCORE SCALED *	9.0
B/C RATIO (MAX. 50)	3.2

\*See page 2 for individual merit category scores.

<b>BENEFIT/COST RATIO (CALCULATED)</b>	<b>3.2</b>
Total Benefits (\$1,000's/Year)	1,015
Safety	36
Travel Time	763
Operating	216
User Cost	0
Facility Life	0
Annualized Cost (\$1,000's/Year)	320

**FUND SOURCE ELIGIBILITY:** NHPP, STP Flex and STP Urban

**BIKE/PED ADVISORY COMMITTEE COMMENTS:** Sidewalk connects to Zim Smith Trail which is on the linear network but not within a ped district; no clear bicycle improvements included in proposal

**SPONSOR PRIORITY:** 1

**OTHER CONSIDERATIONS:** None.

**ELIGIBILITY ISSUES:** None identified.

MERIT CATEGORIES		NUMERIC VALUES			SCORE
REGIONAL BENEFIT (5 POINTS POSSIBLE)					
Benefit beyond project to transportation system or quality region	SCORE	-2	to	+5	1
	SUBTOTAL	-2	to	+5	1
COMMUNITY QUALITY OF LIFE & EQUITY (10 POINTS POSSIBLE)					
Land Use Compatibility	SCORE	-1	to	+3	1
Smart Growth	SCORE	-1	to	+3	-1
Environmental Justice	SCORE	-1	to	+2	-1
Accessibility / ADA / Universal Design/Human Services Transport	SCORE	-1	to	+2	0
	SUBTOTAL	-4	to	+10	-1
APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)					
Preservation/Renewal of Existing	SCORE	-2	to	+5	3
Complete Streets	SCORE	-2	to	+5	2
	SUBTOTAL	-4	to	+10	5
MULTI-MODALISM (10 POINTS POSSIBLE)					
Transit	SCORE	-2	to	+5	1
Pedestrian	SCORE	-1	to	+3	1
Bicycle	SCORE	-1	to	+2	0
	SUBTOTAL	-4	to	+10	2
ENVIRONMENT & HEALTH (8 POINTS POSSIBLE)					
Sensitive Area Preservation/Mitigation	SCORE	-1	to	+2	0
Greenhouse Gas Emissions Reduction	SCORE	-1	to	+2	0
Alternative Fuels Support	SCORE	-1	to	+2	0
Other Health Benefit	SCORE	-1	to	+2	1
	SUBTOTAL	-4	to	+8	1
ECONOMIC DEVELOPMENT (5 POINTS POSSIBLE)					
Economic Impact	SCORE	-2	to	+5	0
	SUBTOTAL	-2	to	+5	0
SAFETY & SECURITY (5 POINTS POSSIBLE)					
Additional Safety Benefit Beyond Crash History	SCORE	-1	to	+3	1
Security and Resiliency to Natural Hazards and Human Caused Events	SCORE	-1	to	+2	0
	SUBTOTAL	-2	to	+5	1
OPERATIONS & TECHNOLOGY (5 POINTS POSSIBLE)					
Traffic Operations & Reliability Improvements	SCORE	-1	to	+3	3
Use of Beneficent Advanced Technologies	SCORE	-1	to	+2	0
	SUBTOTAL	-2	to	+5	3
FREIGHT (5 POINTS POSSIBLE)					
Freight and Goods Movement	SCORE	-2	to	+5	0
	SUBTOTAL	-2	to	+5	0
INNOVATION (2 POINTS POSSIBLE)					
Innovative Solutions	SCORE	0	to	+2	0
	SUBTOTAL	0	to	+2	0
PROJECT DELIVERY (2 POINTS POSSIBLE)					
On Schedule/On Budget	SCORE	-2	to	+2	0
	SUBTOTAL	-2	to	+2	0
PROJECT MERIT CATEGORY SUB TOTAL (calculated)	SUBTOTAL	-28	to	+67	12