

Crescent Avenue, East High Street and Two Nelson Avenue Bridges over I-87 (Northway)

PROJECT TYPE: Bridge Beyond Preservation (Renewal/Replacement and Removal)

PROJECT LOCATION(S): E High St over I-87; Nelson Ave Ext over I-87 SB; Nelson Ave Ext over I-87 NB; Crescent Ave over I-87 SB, Town of Malta & City of Saratoga Springs, Saratoga County

SPONSOR(S): NYSDOT

FACILITY OWNER(S): NYSDOT

DESCRIPTION: Remove the Nelson Ave bridges and replace the East High Street and Crescent Avenue bridges. Shoulders will be widened as part of the project and the need for sidewalks will be evaluated during the design process.

COST (INCLUDES MATCH): \$17.445 M

DESIGN LIFE OF PROPOSED PROJECT (YEARS): 50

CURRENT CONDITION: BIN 1033300: 4.403 SD; 1033330: 4.672 SD; 1095940: 4.612 SD; 1033340: 4.299 SD

NHS AND FUNCTIONAL CLASS (IF APPLICABLE): None of the bridges are on the NHS. BIN 1033300 is classified as 19 – Urban Local; 1033330 and 1095940 are 17 – Urban Major Collector; 1033340 is 16 – Urban Minor Arterial

ANNUAL FACILITY VALUE (THOUSANDS): \$4,612

TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE): Ranges from 868 to 3,267 (NYSDOT Traffic Data Viewer, 2013)

PROJECT TOTAL SCORE (UP TO 100 POINTS)	9.2
MERIT CATEGORY SCORE SCALED *	6.8
B/C RATIO (MAX. 50)	2.4

*See page 2 for individual merit category scores.

BENEFIT/COST RATIO (CALCULATED)	2.4
Total Benefits (\$1,000's/Year)	2,659
Safety	9
Travel Time	N/A
Operating	N/A
User Cost	N/A
Facility Life	2,650
Annualized Cost (\$1,000's/Year)	1,107

FUND SOURCE ELIGIBILITY: NHPP, STP Flex and STP Urban

BIKE/PED ADVISORY COMMITTEE COMMENTS: Crescent Ave & Nelson Ave are in a Tier 2 Pedestrian District - adding sidewalks would support community walkability.

SPONSOR PRIORITY: Tier 1

OTHER CONSIDERATIONS: SD = structurally deficient. Since 2014, NYSDOT has expended \$164,500 of State Dedicated funds for scoping and preliminary design of this project.

ELIGIBILITY ISSUES: Bridges over or under Interstates are eligible.

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	0
Smart Growth	SCORE	-1	to	+3	2
Environmental Justice	SCORE	-1	to	+2	0
Accessibility / ADA / Universal Design/Human Services Transport	SCORE	-1	to	+2	0
	SUBTOTAL	-4	to	+10	2
APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)					
Preservation/Renewal of Existing	SCORE	-2	to	+5	4
Complete Streets	SCORE	-2	to	+5	1
	SUBTOTAL	-4	to	+10	5
MULTI-MODALISM (10 POINTS POSSIBLE)					
Transit	SCORE	-2	to	+5	0
Pedestrian	SCORE	-1	to	+3	0
Bicycle	SCORE	-1	to	+2	1
	SUBTOTAL	-4	to	+10	1
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	0
	SUBTOTAL	-4	to	+8	0
ECONOMIC DEVELOPMENT (5 POINTS POSSIBLE)					
Economic Impact	SCORE	-2	to	+5	1
	SUBTOTAL	-2	to	+5	1
SAFETY & SECURITY (5 POINTS POSSIBLE)					
Additional Safety Benefit Beyond Crash History	SCORE	-1	to	+3	0
Security and Resiliency to Natural Hazards and Human Caused Events	SCORE	-1	to	+2	0
	SUBTOTAL	-2	to	+5	0
OPERATIONS & TECHNOLOGY (5 POINTS POSSIBLE)					
Traffic Operations & Reliability Improvements	SCORE	-1	to	+3	0
Use of Beneficent Advanced Technologies	SCORE	-1	to	+2	0
	SUBTOTAL	-2	to	+5	0
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	-1
	SUBTOTAL	-2	to	+2	-1
PROJECT MERIT CATEGORY SUB TOTAL (calculated)	SUBTOTAL	-28	to	+67	9