

Michigan Avenue Bridge over I-890**PROJECT TYPE:** Bridge Preservation (Corrective Maintenance)**PROJECT LOCATION(S):** Michigan Avenue Bridge over I-890, City of Schenectady, Schenectady County**SPONSOR(S):** NYSDOT**FACILITY OWNER(S):** NYSDOT

DESCRIPTION: Project may include bridge deck replacement, structural member replacement, bearing replacement, and rehabilitation of piers. Project will replace or upgrade sidewalks on and adjacent to the structure through the signalized intersections on each side of the bridge. Deficient ADA ramps within the vicinity of the structure will be included for upgrade, as well as deficient pedestrian features such as push buttons and countdown timers.

COST (INCLUDES MATCH): \$4.742 M**DESIGN LIFE OF PROPOSED PROJECT (YEARS):** 40**CURRENT CONDITION:** BIN 1049970: 3.875 Structurally Deficient**NHS AND FUNCTIONAL CLASS (IF APPLICABLE):** On NHS and classified as 14 - Principal Urban Arterial Other**ANNUAL FACILITY VALUE (THOUSANDS):** \$8,858**TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE):** 20,650 (NYSDOT Traffic Data Viewer, 2013)

PROJECT TOTAL SCORE (UP TO 100 POINTS)	25.6
MERIT CATEGORY SCORE SCALED *	11.3
B/C RATIO (MAX. 50)	14.4

*See page 2 for individual merit category scores.

BENEFIT/COST RATIO (CALCULATED)	14.4
Total Benefits (\$1,000's/Year)	4,521
Safety	49
Travel Time	N/A
Operating	N/A
User Cost	N/A
Facility Life	4,472
Annualized Cost (\$1,000's/Year)	315

FUND SOURCE ELIGIBILITY: NHPP, STP Flex and STP Urban**ADVISORY COMMITTEE COMMENTS:** In Tier 1 Pedestrian District.**SPONSOR PRIORITY:** Tier 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	0
	SUBTOTAL	-2	to	+5	0
COMMUNITY QUALITY OF LIFE & EQUITY (10 POINTS POSSIBLE)					
Land Use Compatibility	SCORE	-1	to	+3	1
Smart Growth	SCORE	-1	to	+3	2
Environmental Justice	SCORE	-1	to	+2	1
Accessibility / ADA / Universal Design/Human Services Transport	SCORE	-1	to	+2	1
	SUBTOTAL	-4	to	+10	5
APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)					
Preservation/Renewal of Existing	SCORE	-2	to	+5	2
Complete Streets	SCORE	-2	to	+5	2
	SUBTOTAL	-4	to	+10	4
MULTI-MODALISM (10 POINTS POSSIBLE)					
Transit	SCORE	-2	to	+5	0
Pedestrian	SCORE	-1	to	+3	3
Bicycle	SCORE	-1	to	+2	0
	SUBTOTAL	-4	to	+10	3
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	2
	SUBTOTAL	-2	to	+5	2
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	1
	SUBTOTAL	-2	to	+5	1
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	15