

**First & Second Street: Bridge Preservation****PROJECT TYPE:** Bridge Preservation (Corrective Maintenance)**PROJECT LOCATION(S):** First & Second St Bridges over Ferry St (NY2 EB), City of Troy, Rensselaer County**SPONSOR(S):** City of Troy**FACILITY OWNER(S):** City of Troy**DESCRIPTION:** Element specific bridge repairs on existing concrete slabs and replacement of light bulbs/fixtures with LED fixtures.**COST (INCLUDES MATCH):** \$0.976 M**DESIGN LIFE OF PROPOSED PROJECT (YEARS):** 7**CURRENT CONDITION:** BIN 1054320: 5.100 Functionally Obsolete**NHS AND FUNCTIONAL CLASS (IF APPLICABLE):** Not on NHS and classified as 17 - Urban Major Collector**ANNUAL FACILITY VALUE (THOUSANDS):** \$5,049**TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE):** Ranges from 2,562 to 3,561 (NYSDOT Traffic Data Viewer, 2013)

<b>PROJECT TOTAL SCORE (UP TO 100 POINTS)</b>	<b>5.4</b>
MERIT CATEGORY SCORE SCALED *	4.5
B/C RATIO (MAX. 50)	0.9

\*See page 2 for individual merit category scores.

BENEFIT/COST RATIO (CALCULATED)	0.9
Total Benefits (\$1,000's/Year)	150
Safety	N/A
Travel Time	N/A
Operating	N/A
User Cost	N/A
Facility Life	150
Annualized Cost (\$1,000's/Year)	175

**FUND SOURCE ELIGIBILITY:** STP Flex and STP Urban**ADVISORY COMMITTEE COMMENTS:** None.**SPONSOR PRIORITY:** Tier 1**OTHER CONSIDERATIONS:** Project is identified in the Local Bridge Preservation Study. The City of Troy has developed an NYSDOT itemized element specific estimate to reflect the actual anticipated costs for the element specific preservation treatments.**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	0
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	0
	SUBTOTAL	-4	to	+10	3
APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)					
Preservation/Renewal of Existing	SCORE	-2	to	+5	1
Complete Streets	SCORE	-2	to	+5	0
	SUBTOTAL	-4	to	+10	1
MULTI-MODALISM (10 POINTS POSSIBLE)					
Transit	SCORE	-2	to	+5	0
Pedestrian	SCORE	-1	to	+3	0
Bicycle	SCORE	-1	to	+2	0
	SUBTOTAL	-4	to	+10	0
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	1
	SUBTOTAL	-2	to	+5	1
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	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	6