

Bridge Corrective Maintenance, Schenectady County Group 2, Three Bridges**PROJECT TYPE:** Bridge Preservation (Preventive/Corrective Maintenance)**PROJECT LOCATION(S):** City of Schenectady and Town of Rotterdam, Schenectady County NY146 over Chrisler Ave; I890 EB over Erie Blvd, Broadway; I890 WB over Erie Blvd, Broadway**SPONSOR(S):** NYSDOT**FACILITY OWNER(S):** NYSDOT**DESCRIPTION:** Proposes bridge repair including a new overlay on BIN 1038330 and bearing replacement and concrete repairs on BIN 1049921 & BIN 1049922**PROPOSED COST (INCLUDES MATCH):** \$4.456M**DESIGN LIFE OF PROPOSED PROJECT:** BIN 1038330 = 20; BINs 1049921 & 1049922 = 13**CURRENT CONDITION:** BIN 1038330: 5.473 SD; 1049921: 4.156 FO; 1049922: 4.188 FO**NHS AND FUNCTIONAL CLASS (IF APPLICABLE):** All Bridges are on On NHS; BIN 1049921 & BIN 1049922 are classified as 11 - Principal Urban Arterial Interstate and BIN 1038330 is classified as 14 - Principal Urban Arterial Other**ANNUAL FACILITY VALUE (THOUSANDS):** \$21,522**TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE):** ranges from 8,842 to 48,139 (NYSDOT Traffic Data Viewer, 2013)

PROJECT TOTAL SCORE (UP TO 100 POINTS)	17.9
MERIT CATEGORY SCORE SCALED *	8.3
B/C RATIO SCALED	9.6

*see page 2 for individual merit category scores

BENEFIT/COST RATIO (CALCULATED)	9.6
Total Benefits (\$1,000's/Year)	4,385
Safety	2
Travel Time	N/A
Operating	N/A
User Cost	N/A
Facility Life	4383
Annualized Cost (\$1,000's/Year)	459

FUND SOURCE ELIGIBILITY: NHPP, STP flex and STP Urban**ADVISORY COMMITTEE COMMENTS:** Chrisler Ave bridge has sidewalks & connects to Tier 1 Ped District**SPONSOR PRIORITY:** Tier 2**OTHER CONSIDERATIONS:** SD = structurally deficient; FO = functionally obsolete**ELIGIBILITY ISSUES:** none

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	
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	4
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	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	
	SUBTOTAL	-4	to	+8	0
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	
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	1
	SUBTOTAL	-2	to	+5	1
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	11