

NY7 Bridge Deck Preservation, 7 Bridges

PROJECT TYPE: Bridge Preservation (Preventive/Corrective Maintenance)

PROJECT LOCATION(S): NY 7 over D&H RR, Elm St, I-787, ramp from NY 7 WB to I-787 SB; NY 7 WB Ramp over I-787, Town of Colonie, Albany County

SPONSOR(S): NYSDOT

FACILITY OWNER(S): NYSDOT

DESCRIPTION: Proposes a concrete deck inlay (BINS 1092281, 1092282, 1092250) or thin polymer overlay (BINS 1072469, 1072479, 1072489, 1092269)

COST (INCLUDES MATCH): \$6.365 M

DESIGN LIFE OF PROPOSED PROJECT (YEARS): 20

CURRENT CONDITION: BINS 1072469: 5.406; 1072479: 5.121; 1072489: 5.219; 1092269: 4.656; 1092281: 5.594; 1092282: 5.641; 1092250: 5.094

NHS AND FUNCTIONAL CLASS (IF APPLICABLE): On NHS and classified as 11 - Principal Urban Arterial Interstate

ANNUAL FACILITY VALUE (THOUSANDS): \$28,952

TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE): 72,095 (NYSDOT Traffic Data Viewer, 2013)

PROJECT TOTAL SCORE (UP TO 100 POINTS)	13.2
MERIT CATEGORY SCORE SCALED *	5.3
B/C RATIO (MAX. 50)	7.9

*See page 2 for individual merit category scores.

BENEFIT/COST RATIO (CALCULATED)	7.9
Total Benefits (\$1,000's/Year)	4,373
Safety	N/A
Travel Time	N/A
Operating	N/A
User Cost	N/A
Facility Life	4,373
Annualized Cost (\$1,000's/Year)	555

FUND SOURCE ELIGIBILITY: NHPP, STP Flex and STP Urban

BIKE/PED ADVISORY COMMITTEE COMMENTS: None.

SPONSOR PRIORITY: Tier 1

OTHER CONSIDERATIONS: None.

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	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	0
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	4
Complete Streets	SCORE	-2	to	+5	0
	SUBTOTAL	-4	to	+10	4
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	0
	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	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	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	7