

NY 7 Bridge over the Hudson River

PROJECT TYPE: Bridge Preservation (Preventive/Corrective Maintenance)
PROJECT LOCATION(S): NY 7 Bridge over Hudson River, Village of Green Island and City of Troy, Albany County and Rensselaer County
SPONSOR(S): NYSDOT
FACILITY OWNER(S): NYSDOT
DESCRIPTION: Project may include deck replacement, bearing replacement, joint replacement, rehab of primary/secondary members, rehab of piers and wearing surface replacement. ADA ramps in the vicinity will be evaluated for upgrade. Deficient pedestrian features such as push buttons and countdown timers may be upgraded as identified. The pedestrian improvements are intended to address issues at the intersection on the Troy end of the bridge.
COST (INCLUDES MATCH): \$19.096 M
DESIGN LIFE OF PROPOSED PROJECT (YEARS): 32
CURRENT CONDITION: BIN 1070869: 4.211 Functionally Obsolete
NHS AND FUNCTIONAL CLASS (IF APPLICABLE): On NHS and classified as 11 - Principal Urban Arterial Interstate
ANNUAL FACILITY VALUE (THOUSANDS): \$28,230
TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE): 52,839 (NYSDOT Traffic Data Viewer, 2013)

PROJECT TOTAL SCORE (UP TO 100 POINTS)	18.1
MERIT CATEGORY SCORE SCALED *	10.5
B/C RATIO (MAX. 50)	7.6

*See page 2 for individual merit category scores.

BENEFIT/COST RATIO (CALCULATED)	7.6
Total Benefits (\$1,000's/Year)	10,264
Safety	25
Travel Time	N/A
Operating	N/A
User Cost	N/A
Facility Life	10,251
Annualized Cost (\$1,000's/Year)	1,356

FUND SOURCE ELIGIBILITY: NHPP, STP Flex and STP Urban

ADVISORY COMMITTEE COMMENTS: None.

SPONSOR PRIORITY: Tier 1

OTHER CONSIDERATIONS: I-787 and NY 7 overlap in this area.

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	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	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	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	14