

US 4 Bridge over the Hudson River & Canal**PROJECT TYPE:** Bridge Beyond Preservation (Replacement)**PROJECT LOCATION(S):** US 4 Bridge over the Hudson River & Canal, Town of Northumberland and Town of Fort Edward, Saratoga County and Washington County**SPONSOR(S):** NYSDOT**FACILITY OWNER(S):** NYSDOT**DESCRIPTION:** Bridge replacement. A replacement will provide at a minimum a travel lane width increased to 11' with a 4' shoulder. During the preliminary design phase, the installation of a 6' shoulder will be evaluated for incorporation into the new structure.**PROPOSED COST (INCLUDES MATCH):** \$21.750 M**DESIGN LIFE OF PROPOSED PROJECT:** 50**CURRENT CONDITION:** BIN 4001020: 4.100 Structurally Deficient**NHS AND FUNCTIONAL CLASS (IF APPLICABLE):** Not on NHS; classified as 06 - Rural Minor Arterial**ANNUAL FACILITY VALUE (THOUSANDS):** \$3,912**TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE):** 3,196 (NYSDOT Traffic Data Viewer, 2013)

PROJECT TOTAL SCORE (UP TO 100 POINTS)	6.3
MERIT CATEGORY SCORE SCALED *	4.5
B/C RATIO (MAX. 50)	1.8

*See page 2 for individual merit category scores.

BENEFIT/COST RATIO (CALCULATED)	1.8
Total Benefits (\$1,000's/Year)	2,545
Safety	24
Travel Time	N/A
Operating	N/A
User Cost	N/A
Facility Life	2,521
Annualized Cost (\$1,000's/Year)	1,380

FUND SOURCE ELIGIBILITY: STP Off System Bridge**BIKE/PED ADVISORY COMMITTEE COMMENTS:** Project widens shoulders on the linear bicycle/pedestrian network.**SPONSOR PRIORITY:** Tier 1**OTHER CONSIDERATIONS:** Project split with AGFTC. The cost estimate represents the CDTC portion of the project costs. The project has been assigned NYSDOT PIN BP108973. The BP designation is utilized to differentiate from the preservation PJP submitted for the same structure. NYSDOT would prefer to advance a replacement project for this structure, but due to fiscal constraint has submitted a preservation proposal as well.**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	0
Environmental Justice	SCORE	-1	to	+2	0
Accessibility / ADA / Universal Design/Human Services Transport	SCORE	-1	to	+2	0
	SUBTOTAL	-4	to	+10	0
APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)					
Preservation/Renewal of Existing	SCORE	-2	to	+5	1
Complete Streets	SCORE	-2	to	+5	2
	SUBTOTAL	-4	to	+10	3
MULTI-MODALISM (10 POINTS POSSIBLE)					
Transit	SCORE	-2	to	+5	0
Pedestrian	SCORE	-1	to	+3	0
Bicycle	SCORE	-1	to	+2	2
	SUBTOTAL	-4	to	+10	2
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	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	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