

I-787 Pavement Joint Preservation**PROJECT TYPE:** Pavement Preservation

PROJECT LOCATION(S): Project covers both the southbound and northbound sides of I-787 roughly between Exit 4B and the Town of Colonie/City of Cohoes line. The Reference Markers are 787I 1101 1027 TO 4009 in the City of Albany, City of Watervliet, City of Cohoes, Village of Menands, and Town of Colonie, Albany County

SPONSOR(S): NYSDOT**FACILITY OWNER(S):** NYSDOT

DESCRIPTION: Project will slow the deterioration of the pavement by repairing the distress in the pavement surface at the longitudinal joints and does not add significant structure to the pavement. Proposed treatment is to mill and replace the longitudinal joints. The surface in the joint areas only will be milled to a depth of 1 ½" to 2". Isolated repairs will be incorporated to address areas of deeper distress.

COST (INCLUDES MATCH): \$2.313 M**DESIGN LIFE OF PROPOSED PROJECT (YEARS):** 5

CURRENT CONDITION: Mostly 7, some 9 and 6 (9 for 0.2 Miles at southern end, 6 from Ramp to NY7/787 EB to Northern end point).

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

ANNUAL FACILITY VALUE (THOUSANDS): \$135,422

TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE): Ranges from 28,278 to 88,726 (NYSDOT Traffic Data Viewer, 2013)

PROJECT TOTAL SCORE (UP TO 100 POINTS)	57.5
MERIT CATEGORY SCORE SCALED *	7.5
B/C RATIO (MAX. 50)	50

*See page 2 for individual merit category scores.

BENEFIT/COST RATIO (CALCULATED)	60.6
Total Benefits (\$1,000's/Year)	33,250
Safety	N/A
Travel Time	N/A
Operating	N/A
User Cost	517
Facility Life	32,733
Annualized Cost (\$1,000's/Year)	549

FUND SOURCE ELIGIBILITY: NHPP, STP Flex and STP Urban**ADVISORY COMMITTEE COMMENTS:** None.**SPONSOR PRIORITY:** 1**OTHER CONSIDERATIONS:** None.**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	1
	SUBTOTAL	-2	to	+5	1
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	5
Complete Streets	SCORE	-2	to	+5	0
	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	0
	SUBTOTAL	-4	to	+8	0
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	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	10