

I-87 Pavement Joint Preservation**PROJECT TYPE:** Pavement Preservation**PROJECT LOCATION(S):** Project covers both the Northbound and Southbound of I-87 from Exit 11 in Malta to the North of Exit 15 in Wilton. The Reference Markers are 87I 1509 1114 to 1226 in the Town of Malta, City of Saratoga Springs, and Town of Wilton, Saratoga 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):** \$3.183 M**DESIGN LIFE OF PROPOSED PROJECT (YEARS):** 5**CURRENT CONDITION:** 7**NHS AND FUNCTIONAL CLASS (IF APPLICABLE):** On NHS and classified as 11 - Principal Urban Arterial Interstate.**ANNUAL FACILITY VALUE (THOUSANDS):** \$113,860**TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE):** ranges between 48,592 to 77,199 (NYSDOT Traffic Data Viewer, 2013)

PROJECT TOTAL SCORE (UP TO 100 POINTS)	39.8
MERIT CATEGORY SCORE SCALED *	5.3
B/C RATIO (MAX. 50)	34.6

*See page 2 for individual merit category scores.

BENEFIT/COST RATIO (CALCULATED)	34.6
Total Benefits (\$1,000's/Year)	26,107
Safety	N/A
Travel Time	N/A
Operating	N/A
User Cost	1,058
Facility Life	25,049
Annualized Cost (\$1,000's/Year)	756

FUND SOURCE ELIGIBILITY: NHPP**ADVISORY COMMITTEE COMMENTS:** None.**SPONSOR PRIORITY:** 1**OTHER CONSIDERATIONS:** Design phases commenced utilizing Federal Funds authorized on the 2013-2018 TIP in project SA214 (PIN 1722.05): I-87, Exit 13 to Exit 15, Resurfacing.**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	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	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	7