

Erie Boulevard Preservation Project

PROJECT TYPE: Pavement Preservation

PROJECT LOCATION(S): Erie Boulevard from Union Street to Nott Street, City of Schenectady, Schenectady County

SPONSOR(S): City of Schenectady

FACILITY OWNER(S): City of Schenectady

DESCRIPTION: Mill and fill Erie Boulevard from Union Street (previous limits of PIN 1715.16) to Nott Street (limits of current PIN 1758.00) to provide an important link in the vehicular, transit, pedestrian and bicycle network within the urban center of Schenectady. The project will complete a gap in the City's pedestrian and bicycle system by reconstructing the sidewalks on both sides of Erie Boulevard through the project limits, and will evaluate the inclusion of a raised median and shared travel lanes for the outer travel lanes in each direction.

COST (INCLUDES MATCH): \$1.517 M

DESIGN LIFE OF PROPOSED PROJECT (YEARS): 15

CURRENT CONDITION: 8 from Union St to Green St; 5 from Green St to Nott St

NHS AND FUNCTIONAL CLASS (IF APPLICABLE): On NHS and classified as 14 - Principal Urban Arterial Other

ANNUAL FACILITY VALUE (THOUSANDS): \$11,620

TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE): 25,453 (NYSDOT Traffic Data Viewer, 2013)

PROJECT TOTAL SCORE (UP TO 100 POINTS)	67.3
MERIT CATEGORY SCORE SCALED *	17.3
B/C RATIO (MAX. 50)	61.1

*See page 2 for individual merit category scores.

BENEFIT/COST RATIO (CALCULATED)	61.1
Total Benefits (\$1,000's/Year)	9,530
Safety	412
Travel Time	N/A
Operating	N/A
User Cost	54
Facility Life	9,064
Annualized Cost (\$1,000's/Year)	156

FUND SOURCE ELIGIBILITY: NHPP, STP Flex and STP Urban

BIKE/PED ADVISORY COMMITTEE COMMENTS: Project proposes sidewalk reconstruction in a Tier 1 Pedestrian District. Project connects to linear network (Mohawk-Hudson Bike-Hike Trail) and shared use lanes will be evaluated.

SPONSOR PRIORITY: 1B

OTHER CONSIDERATIONS: The City proposes that this project be completed in a multi-faceted approach involving one large project with three "shares": Federal, City and Metroplex.

Share 1, Federal – Will involve the mill and fill of the roadway and inclusion of required ADA improvements and complete street initiative as mentioned within this application. The evaluation only reflects this component of the project. (\$1,430,000 with match but not inflated)

Share 2, City – Will involve the replacement of existing granite curb and concrete sidewalks within the corridor and the evaluation of existing drainage structures. (\$1,250,000 from City of Schenectady)

Share 3, Metroplex – Will involve the purchase and installation of LED lighting similar to elsewhere on the corridor and ancillary items as needed. (\$1,250,000 from Metroplex)

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	2
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	6
APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)					
Preservation/Renewal of Existing	SCORE	-2	to	+5	4
Complete Streets	SCORE	-2	to	+5	2
	SUBTOTAL	-4	to	+10	6
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	2
Security and Resiliency to Natural Hazards and Human Caused Events	SCORE	-1	to	+2	0
	SUBTOTAL	-2	to	+5	2
OPERATIONS & TECHNOLOGY (5 POINTS POSSIBLE)					
Traffic Operations & Reliability Improvements	SCORE	-1	to	+3	2
Use of Beneficent Advanced Technologies	SCORE	-1	to	+2	0
	SUBTOTAL	-2	to	+5	2
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	0
	SUBTOTAL	-2	to	+2	0
PROJECT MERIT CATEGORY SUB TOTAL (calculated)	SUBTOTAL	-28	to	+67	23