

Vley Road Pavement Preservation Project

PROJECT TYPE: Pavement Preservation

PROJECT LOCATION(S): Vley Road between the Village of Scotia Municipal Line and NYS Route 5, Town of Glenville, Schenectady County.

SPONSOR(S): Schenectady County

FACILITY OWNER(S): Schenectady County

DESCRIPTION: The proposed project will improve the existing pavement deficiencies, improve the pavement markings as well as update current signage where needed. The project would involve hot in-place recycling (heater scarification) the existing hot mix asphalt surface and then placing a 6.3 polymer modified HMA top course. The intersection of Vley Road with the ramp off NYS Route 147, Sacandaga Road will be realigned through minor shoulder construction and pavement markings.

COST (INCLUDES MATCH): \$0.889 M

DESIGN LIFE OF PROPOSED PROJECT (YEARS): 20

CURRENT CONDITION: 7 from Scotia line to Western Blvd; 8 from Western Blvd to Amsterdam Ave ; 6 from Amsterdam Ave to ramp to NY 5; 7 from Ramp to NY5 to NY5

NHS AND FUNCTIONAL CLASS (IF APPLICABLE): Not on NHS and classified as 17 - Urban Major Collector

ANNUAL FACILITY VALUE (THOUSANDS): \$7,022

TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE): 6,118 (NYSDOT Traffic Data Viewer)

PROJECT TOTAL SCORE (UP TO 100 POINTS)	30.4
MERIT CATEGORY SCORE SCALED *	2.3
B/C RATIO (MAX. 50)	28.1

*See page 2 for individual merit category scores.

BENEFIT/COST RATIO (CALCULATED)	28.1
Total Benefits (\$1,000's/Year)	2,165
Safety	34
Travel Time	N/A
Operating	N/A
User Cost	11
Facility Life	2,120
Annualized Cost (\$1,000's/Year)	77

FUND SOURCE ELIGIBILITY: STP Flex and STP Urban

ADVISORY COMMITTEE COMMENTS: None.

SPONSOR PRIORITY: 3

OTHER CONSIDERATIONS: The intersection of Vley Road with the ramp off NYS Route 147, Sacandaga Road will be realigned so that traffic will meet Vley Road at a perpendicular angle rather than the existing acute angle for drivers travelling east on Vley Road.

ELIGIBILITY ISSUES: According to NYSDOT this is probably a preservation project but if more extensive work related to the realignment is necessary, this could be a beyond preservation project.

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	0
	SUBTOTAL	-4	to	+10	1
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	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	1
Security and Resiliency to Natural Hazards and Human Caused Events	SCORE	-1	to	+2	0
	SUBTOTAL	-2	to	+5	1
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	3