

### Maple Avenue/Hetcheltown Road Pavement Preservation Project

**PROJECT TYPE:** Pavement Preservation

**PROJECT LOCATION(S):** Maple Avenue/Hetcheltown Road between Freemans Bridge Road (State Route 911F) and NY 50, Town of Glenville, Schenectady County

**SPONSOR(S):** Schenectady County

**FACILITY OWNER(S):** Schenectady County

**DESCRIPTION:** The proposed pavement preservation project will improve the existing pavement deficiencies, improve the pavement markings as well as update current signage where needed. The project would involve cold recycling the existing hot mix asphalt surface and then placing a 6.3 polymer modified hot mix asphalt surface treatment top course. The intersection of the one-way section of Hetcheltown Road with Hetcheltown Road will be realigned through minor shoulder construction and pavement markings.

**PROPOSED COST (INCLUDES MATCH):** \$2.325 M

**DESIGN LIFE OF PROPOSED PROJECT (YEARS):** 20

**CURRENT CONDITION:** 8 from Freemans Bridge to Alplaus Ave; 7 from Alplaus Ave to Glenridge Rd; 9 from S split at Roundabout at Glenridge Rd to N split; 8 from Roundabout at Glenridge Rd to Hetcheltown Rd; 7 from Maple Ave to NY 50

**NHS AND FUNCTIONAL CLASS (IF APPLICABLE):** Not on NHS and classified as 16 - Urban Minor Arterial

**ANNUAL FACILITY VALUE (THOUSANDS):** \$18,403

**TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE):** Maple Avenue = 12,606, Hetcheltown Road = 5,526 (NYSDOT Traffic Data Viewer, 2013)

<b>PROJECT TOTAL SCORE (UP TO 100 POINTS)</b>	<b>15.6</b>
MERIT CATEGORY SCORE SCALED *	2.3
B/C RATIO (MAX. 50)	13.3

\*See page 2 for individual merit category scores.

<b>BENEFIT/COST RATIO (CALCULATED)</b>	<b>13.3</b>
Total Benefits (\$1,000's/Year)	2,701
Safety	145
Travel Time	N/A
Operating	N/A
User Cost	14
Facility Life	2,542
Annualized Cost (\$1,000's/Year)	203

**FUND SOURCE ELIGIBILITY:** STP Flex and STP Urban

**ADVISORY COMMITTEE COMMENTS:** None.

**SPONSOR PRIORITY:** 1

**OTHER COST CONSIDERATIONS:** The intersection of Maple Avenue and Alplaus Avenue is outside the scope of this project.

**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