

Highbridge Road/East Campbell Road Pavement Preservation Project

PROJECT TYPE: Pavement Preservation

PROJECT LOCATION(S): Highbridge Road/East Campbell Road between Kings Road (CR 65) and Hamburg Street (NYS Route 146), Town of Rotterdam, 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 pedestrian crossings and current signage where needed. The project would involve hot in-place recycling (HIPR) the existing hot mix asphalt surface and then placing a 6.3 polymer modified HMA surface treatment top course.

COST (INCLUDES MATCH): \$0.666 M

DESIGN LIFE OF PROPOSED PROJECT (YEARS): 20

CURRENT CONDITION: 7

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

ANNUAL FACILITY VALUE (THOUSANDS): \$5,321

TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE): Highbridge Road = 9,543, East Campbell Road = 7,689 (NYSDOT Traffic Data Viewer, 2013)

PROJECT TOTAL SCORE (UP TO 100 POINTS)	32.4
MERIT CATEGORY SCORE SCALED *	8.3
B/C RATIO (MAX. 50)	24.1

*See page 2 for individual merit category scores.

BENEFIT/COST RATIO (CALCULATED)	24.1
Total Benefits (\$1,000's/Year)	1,395
Safety	152
Travel Time	N/A
Operating	N/A
User Cost	19
Facility Life	1,224
Annualized Cost (\$1,000's/Year)	58

FUND SOURCE ELIGIBILITY: STP Flex and STP Urban

BIKE/PED ADVISORY COMMITTEE COMMENTS: Includes pedestrian crossing and signage updates. Project connects to a Tier 2 pedestrian district.

SPONSOR PRIORITY: 4

OTHER CONSIDERATIONS: The pavement preservation project will complement the improvements NYSDOT has proposed along Hamburg Street (State Route 146).

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	0
	SUBTOTAL	-2	to	+5	0
COMMUNITY QUALITY OF LIFE & EQUITY (10 POINTS POSSIBLE)					
Land Use Compatibility	SCORE	-1	to	+3	1
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	1
	SUBTOTAL	-4	to	+10	2
APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)					
Preservation/Renewal of Existing	SCORE	-2	to	+5	2
Complete Streets	SCORE	-2	to	+5	1
	SUBTOTAL	-4	to	+10	3
MULTI-MODALISM (10 POINTS POSSIBLE)					
Transit	SCORE	-2	to	+5	0
Pedestrian	SCORE	-1	to	+3	2
Bicycle	SCORE	-1	to	+2	0
	SUBTOTAL	-4	to	+10	2
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	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	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	0
	SUBTOTAL	-2	to	+2	0
PROJECT MERIT CATEGORY SUB TOTAL (calculated)	SUBTOTAL	-28	to	+67	11