

## Middle Line Road over Tributary of Gordon Creek and Brook Road over Slade Creek Large Culvert Replacements

**PROJECT TYPE:** Culvert Replacement

**PROJECT LOCATION(S):** Middle Line Road over Tributary to Gordon Creek Culvert (LIN 319.11), Milton, Saratoga County Brook Road over Slade Creek Culvert (LIN 287.10), City of Saratoga Springs, Saratoga County

**SPONSOR(S):** Saratoga County

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

**DESCRIPTION:** Project includes the replacement of two culverts: 1) Middle Line Road over Tributary to Gordon Creek Culvert (LIN 319.11) and 2) Brook Road over Slade Creek Culvert (LIN 287.10). The new large culvert structures will be sized to satisfy updated hydraulic analysis and the proposed roadway cross sections will satisfy Design Criteria from the NYSDOT Highway Design Manual.

**COST (INCLUDES MATCH):** \$0.908 M

**DESIGN LIFE OF PROPOSED PROJECT (YEARS):** 40

**CURRENT CONDITION:** extensive deterioration/corrosion/cracks/section loss

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

**ANNUAL FACILITY VALUE (THOUSANDS):** \$4,197

**TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE):** Ranges from 3,188 to 3,500 (NYSDOT Traffic Data Viewer, 2013)

<b>PROJECT TOTAL SCORE (UP TO 100 POINTS)</b>	<b>49.0</b>
MERIT CATEGORY SCORE SCALED *	2.3
B/C RATIO (MAX. 50)	46.7

\*see page 2 for individual merit category scores

BENEFIT/COST RATIO (CALCULATED)	46.7
Total Benefits (\$1,000's/Year)	2,800
Safety	2
Travel Time	N/A
Operating	N/A
User Cost	N/A
Facility Life	2,798
Annualized Cost (\$1,000's/Year)	60

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

**ADVISORY COMMITTEE COMMENTS:** None.

**SPONSOR PRIORITY:** 2

**OTHER CONSIDERATIONS:** None.

**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	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	0
	SUBTOTAL	-4	to	+8	0
ECONOMIC DEVELOPMENT (5 POINTS POSSIBLE)					
Economic Impact	SCORE	-2	to	+5	0
	SUBTOTAL	-2	to	+5	0
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