

Geyser Road (CR Route 43)/Avenue of the Pines and NY Route 50 Intersection Mobility Improvements**PROJECT TYPE:** Other Intersection Improvement**PROJECT LOCATION(S):** Intersection of Geyser Road and Route 50, City of Saratoga Springs, Saratoga County**SPONSOR(S):** City of Saratoga Springs**FACILITY OWNER(S):** Saratoga County and City of Saratoga Springs

DESCRIPTION: The purpose of this project is to complete the unfunded operational improvement to the Geyser Road/NY Route 50 intersection which consists of the widening of the Geyser Road approach to Route 50 to provide a left turn lane. NY Route 50 is on the National Highway System list. This improvement will address the identified safety and operational needs identified in the previous studies completed in the area and will incorporate a multi-use path.

PROPOSED COST (INCLUDES MATCH): \$0.932 M**DESIGN LIFE OF PROPOSED PROJECT (YEARS):** 30**CURRENT CONDITION:** Geyser Rd pavement score is 7, no data for Avenue of the Pines

NHS AND FUNCTIONAL CLASS (IF APPLICABLE): Not on NHS Geyser Rd is Classified as 16 – Urban Minor Arterial, Ave of Pines is classified as 19 – Urban Local

ANNUAL FACILITY VALUE: N/A

TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE): Geyser Rd W. of NY 50 = 9,070, NY 50 N. of Geyser Rd = 12,056, NY 50 S. of Geyser Rd = 11,426 (NYSDOT Traffic Data Viewer, 2013)

PROJECT TOTAL SCORE (UP TO 100 POINTS)	11.3
MERIT CATEGORY SCORE SCALED *	9.0
B/C RATIO (MAX. 50)	2.3

*See page 2 for individual merit category scores.

BENEFIT/COST RATIO (CALCULATED)	2.3
Total Benefits (\$1,000's/Year)	159
Safety	42
Travel Time	93
Operating	24
User Cost	0
Facility Life	0
Annualized Cost (\$1,000's/Year)	68

FUND SOURCE ELIGIBILITY: STP Flex and STP Urban

ADVISORY COMMITTEE COMMENTS: Project installs pedestrian signal at intersection connecting to a Tier 1 pedestrian district but increases crossing distance which is not ideal for pedestrians.

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	-1
Accessibility / ADA / Universal Design/Human Services Transport	SCORE	-1	to	+2	1
	SUBTOTAL	-4	to	+10	0
APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)					
Preservation/Renewal of Existing	SCORE	-2	to	+5	0
Complete Streets	SCORE	-2	to	+5	1
	SUBTOTAL	-4	to	+10	1
MULTI-MODALISM (10 POINTS POSSIBLE)					
Transit	SCORE	-2	to	+5	3
Pedestrian	SCORE	-1	to	+3	2
Bicycle	SCORE	-1	to	+2	2
	SUBTOTAL	-4	to	+10	7
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	1
	SUBTOTAL	-2	to	+5	1
SAFETY & SECURITY (5 POINTS POSSIBLE)					
Additional Safety Benefit Beyond Crash History	SCORE	-1	to	+3	0
Security and Resiliency to Natural Hazards and Human Caused Events	SCORE	-1	to	+2	0
	SUBTOTAL	-2	to	+5	0
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	3
	SUBTOTAL	-2	to	+5	3
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	12