

#2, SITTERLY ROAD CORRIDOR IMPROVEMENTS-ITS TOWNS OF CLIFTON PARK & HALFMOON

<p>LOCATION: Sitterly Road at Woodin Road and Crossings Boulevard.</p> <p>DESCRIPTION: Replace existing traffic signals with updated, interconnected traffic signal hardware. The Towns of Clifton Park and Halfmoon will be responsible for paving, lane striping, etc. related to the updated signals.</p> <p>SET-ASIDE: RG39 (ITS for Local Traffic Signals)</p> <p>COST: \$132,000 LIFE: 18 years</p> <p>SPONSOR: Towns of Clifton Park & Halfmoon</p> <p>PAVEMENT CONDITION: N/A</p> <p>FUNCTIONAL CLASS: Urban Collector</p> <p>AADT: Sitterly Road: 8,200 (Bayberry to Woodin), 14,500 (Woodin to Clifton Park Center)</p> <p>ON PRIORITY NETWORK(S): Transit, Bike/Ped, ITS</p>	<table> <tr> <td>BENEFIT/COST RATIO</td><td style="text-align: right;">23.8</td></tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td><td style="text-align: right;">\$ 286</td></tr> <tr> <td>SAFETY</td><td style="text-align: right;">\$142</td></tr> <tr> <td>TRAVEL TIME</td><td style="text-align: right;">\$125</td></tr> <tr> <td>OPERATING/ENERGY*</td><td style="text-align: right;">\$19</td></tr> <tr> <td>ENERGY/USER</td><td style="text-align: right;">\$0</td></tr> <tr> <td>LIFE CYCLE VALUE</td><td style="text-align: right;">\$0</td></tr> <tr> <td>OTHER</td><td style="text-align: right;">\$0</td></tr> <tr> <td>ANNUALIZED COST (\$k/yr)</td><td style="text-align: right;">\$12</td></tr> </table> <p><small>*includes gasoline usage and ownership costs</small></p>	BENEFIT/COST RATIO	23.8	TOTAL BENEFITS (\$k/yr)	\$ 286	SAFETY	\$142	TRAVEL TIME	\$125	OPERATING/ENERGY*	\$19	ENERGY/USER	\$0	LIFE CYCLE VALUE	\$0	OTHER	\$0	ANNUALIZED COST (\$k/yr)	\$12
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CONGESTION RELIEF: Interconnected traffic signals will improve traffic flow.

AIR QUALITY BENEFIT: Improved traffic flow; reduced vehicle idling will improve air quality. Volatile organic compounds reduced by 58 KG/year and NOx reduced by 15 KG/year.

ENVIRONMENTAL MITIGATION: Within .25 miles of an aquifer and several water features.

REGIONAL SYSTEM LINKAGE: Sitterly Road is a critical east-west route between US Route 9 in the Town of Halfmoon and the Clifton Park Town Center. It is lined by numerous residential, commercial and institutional land uses.

LAND USE COMPATIBILITY (PLANNED OR EXISTING): Related to the Clifton Park/Halfmoon Exit 9 Land Use and Transportation Study, the Town of Clifton Park's Trail Master Plan and the Town of Clifton Park Comprehensive Plan.

CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: The project will support the growing Towns of Clifton Park and Halfmoon and continued growth and development along Sitterly Road.

ENVIRONMENTAL JUSTICE: N/A

BUSINESS OR HOUSING DISLOCATIONS: The Towns will be responsible for right of way purchases related to the repaving and turn lane additions.

<p>FACILITATES:</p> <p>BICYCLING – No.</p> <p>WALKING – No.</p>	<p>TRANSIT USE – N/A</p> <p>GOODS MOVEMENT – Indirectly.</p> <p>INTERMODAL TRANSFERS – N/A</p>
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SPONSOR PRIORITY: 1

SCREENING ISSUES: None.

OTHER CONSIDERATIONS: Project sponsor will add capacity to the existing intersections using own funds.