

#63, ALPLAUS AVENUE BRIDGE: TOWN OF GLENVILLE

<p>LOCATION: Alplaus Ave over Alplaus Kill from Mohawk Ave to Brookside Ave</p> <p>DESCRIPTION: Bridge preservation with new concrete bridge deck including sidewalks, repair/update bridge rails, girders, bearings, joints, drainage pipes and curbing. Repave approaches to Mohawk Ave and Brookside Ave.</p> <p>CATEGORY: Bridge</p> <p>COST: \$1.43 M LIFE: 50 Years</p> <p>SPONSOR: Schenectady County</p> <p>CURRENT CONDITION: Fed Sufficiency Rating: 78.2; State Rating: 4.984</p> <p>FUNCTIONAL CLASS: Urban Local</p> <p>AADT: 4,310</p> <p>ON PRIORITY NETWORK(S): None</p>	<p>BENEFIT/COST RATIO 23.2</p>															
	<table border="1"> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td>\$2,112</td> </tr> <tr> <td>SAFETY</td> <td>\$7</td> </tr> <tr> <td>TRAVEL TIME</td> <td>\$0</td> </tr> <tr> <td>OPERATING/ENERGY*</td> <td>\$0</td> </tr> <tr> <td>ENERGY/USER</td> <td>\$0</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td>\$2,105</td> </tr> <tr> <td>OTHER</td> <td>\$0</td> </tr> <tr> <td>ANNUALIZED COST (\$k/yr)</td> <td>\$91</td> </tr> </table>	TOTAL BENEFITS (\$k/yr)	\$2,112	SAFETY	\$7	TRAVEL TIME	\$0	OPERATING/ENERGY*	\$0	ENERGY/USER	\$0	LIFE CYCLE VALUE	\$2,105	OTHER	\$0	ANNUALIZED COST (\$k/yr)
TOTAL BENEFITS (\$k/yr)	\$2,112															
SAFETY	\$7															
TRAVEL TIME	\$0															
OPERATING/ENERGY*	\$0															
ENERGY/USER	\$0															
LIFE CYCLE VALUE	\$2,105															
OTHER	\$0															
ANNUALIZED COST (\$k/yr)	\$91															

*includes gasoline usage and ownership costs

CONGESTION RELIEF: No measurable reductions in excess delay. VMT reduced by 715.

AIR QUALITY BENEFIT: No measurable reductions in volatile organic compounds or NOx.

ENVIRONMENTAL MITIGATION: Within 0.25 miles of an aquifer, several water features, several wetlands, 100 year Flood Plain and Class 1 & 2 Soils. Alplaus Kill, Class "C" stream, permits necessary from NYSDEC.

REGIONAL SYSTEM LINKAGE: Serves as a commuter route between Schenectady and Saratoga Counties.

LAND USE COMPATIBILITY (PLANNED OR EXISTING): N/A

CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Would maintain an important bridge in the Hamlet of Alplaus.

ENVIRONMENTAL JUSTICE: N/A

BUSINESS OR HOUSING DISLOCATIONS: None. No ROW anticipated.

<p>FACILITATES:</p> <p>BICYCLING – Not directly</p> <p>WALKING – Y: replace sidewalk, ADA</p>	<p>TRANSIT USE – N/A</p> <p>GOODS MOVEMENT – N/A</p> <p>INTERMODAL TRANSFERS – N/A</p>
--	---

SPONSOR PRIORITY: High

SCREENING ISSUES: None

OTHER CONSIDERATIONS: High AADT makes this a good preservation candidate. It is eligible for HBRR. Existing joints have been paved over with asphalt which does not allow appropriate deflection. Alplaus Ave is county route 16.