

DRAFT

#58, MAPLE AVENUE (CR 29) PAVING PROJECT TOWN OF GLENVILLE

LOCATION: Glenridge Road (NYS 914V) to Freemans Bridge Road (NYS Route 911F) DESCRIPTION: Hot-in-place recycling (HIPR) of the existing hot mix asphalt surface and then placing a paver-paced surface treatment over top to improve the existing pavement deficiencies. Pavement markings and signage will be improved/updated. SET-ASIDE: RG125 (Non-state road pavement preservation) COST: \$ 1,057,000 LIFE: 10 years SPONSOR: Schenectady County PAVEMENT CONDITION: 7 FUNCTIONAL CLASS: Urban Minor Arterial AADT: 10,168 ON PRIORITY NETWORK(S): Bike/Ped	<table><tr><td>BENEFIT/COST RATIO</td><td>15.9</td></tr><tr><td>TOTAL BENEFITS (\$k/yr)</td><td>\$2,296</td></tr><tr><td>SAFETY</td><td>\$111</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>\$45</td></tr><tr><td>LIFE CYCLE VALUE</td><td>\$2140</td></tr><tr><td>OTHER</td><td>\$0</td></tr><tr><td>ANNUALIZED COST (\$k/yr)</td><td>\$144</td></tr></table> <p>* includes gasoline usage and ownership costs</p>	BENEFIT/COST RATIO	15.9	TOTAL BENEFITS (\$k/yr)	\$2,296	SAFETY	\$111	TRAVEL TIME	\$0	OPERATING/ENERGY*	\$0	ENERGY/USER	\$45	LIFE CYCLE VALUE	\$2140	OTHER	\$0	ANNUALIZED COST (\$k/yr)	\$144
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CONGESTION RELIEF: Improved road conditions will increase the flow of vehicles, pedestrians and bicyclists by creating smoother conditions and replacing signs. AIR QUALITY BENEFIT: Improved road conditions may encourage bicycling. ENVIRONMENTAL MITIGATION: Within .25 miles of several water features, an Aquifer, wetlands, an open space area, in-use farmland, 100 year flood plain, an Agricultural District and Class 1 & 2 Soils. REGIONAL SYSTEM LINKAGE: Road provides a link between Saratoga and Schenectady county.

LAND USE COMPATIBILITY (PLANNED OR EXISTING): Related to the Freeman's Bridge Road Master Plan. CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: The improved road quality will improve access to local businesses and amenities. ENVIRONMENTAL JUSTICE: N/A, Neutral Impact BUSINESS OR HOUSING DISLOCATIONS: No additional ROW will be needed for this project.
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FACILITATES: BICYCLING – Y: Surface Improvements WALKING – N/A	TRANSIT USE – N/A GOODS MOVEMENT – N/A INTERMODAL TRANSFERS – N/A
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SPONSOR PRIORITY: 5 SCREENING ISSUES: None. OTHER CONSIDERATIONS: Pavement score is currently a 7 but the roadway has some alligator cracking.
