

DRAFT

#32, BURDEN LAKE ROAD (CR 51) PAVEMENT PRESERVATION TOWN OF SAND LAKE

LOCATION: NY 43 to 1 st Dyke Road DESCRIPTION: Propose to extend 1.72 centerline miles from NY43 to 1 st Dyke Road in the town of Sand Lake. A single course (1 ½") hot asphalt mix (HMA) overlay will be used to preserve the pavement and shared lane markings will be installed. SET-ASIDE: RG125 (Non-state road pavement preservation) COST: \$ 471,000 LIFE: 10 years SPONSOR: Rensselaer County PAVEMENT CONDITION: 6 FUNCTIONAL CLASS: Urban Collector AADT: 1,600 ON PRIORITY NETWORK(S): None	<table><tr><td>BENEFIT/COST RATIO</td><td>22.6</td></tr><tr><td>TOTAL BENEFITS (\$k/yr)</td><td>\$1,445</td></tr><tr><td>SAFETY</td><td>\$20</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>\$10</td></tr><tr><td>LIFE CYCLE VALUE</td><td>\$1415</td></tr><tr><td>OTHER</td><td>\$0</td></tr><tr><td>ANNUALIZED COST (\$k/yr)</td><td>\$64</td></tr></table> <p>* includes gasoline usage and ownership costs</p>	BENEFIT/COST RATIO	22.6	TOTAL BENEFITS (\$k/yr)	\$1,445	SAFETY	\$20	TRAVEL TIME	\$0	OPERATING/ENERGY*	\$0	ENERGY/USER	\$10	LIFE CYCLE VALUE	\$1415	OTHER	\$0	ANNUALIZED COST (\$k/yr)	\$64
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CONGESTION RELIEF: Improved pavement conditions can help improve traffic flow. AIR QUALITY BENEFIT: Shared lane markings may encourage bicycling. ENVIRONMENTAL MITIGATION: Within .25 miles of 100 year flood plain, several water features, wetlands, an aquifer and Class 1 & 2 Soils. REGIONAL SYSTEM LINKAGE: The majority of the adjacent land uses are open space with residential toward the end of NY 43.

LAND USE COMPATIBILITY (PLANNED OR EXISTING): Consistent with the Rensselaer County Highway Department's 2014 10-Year Strategic Highway Improvement Plan. CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Provides better road quality for adjacent neighborhoods. 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: Shared lane markings WALKING – N/A	TRANSIT USE – N/A GOODS MOVEMENT – N/A INTERMODAL TRANSFERS – N/A
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SPONSOR PRIORITY: 6 SCREENING ISSUES: None. OTHER CONSIDERATIONS: None.
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