

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

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| <p>LOCATION: NY 43 to 1st Dyke Road</p> <p>DESCRIPTION: Propose to extend 1.72 centerline miles from NY 43 to 1st Dyke Road in the town of Sand Lake. A single course (1½") hot asphalt mix (HMA) overlay will be used to preserve the pavement and shared lane markings will be installed. Design is not included, because the sponsor will provide design in a rural setting.</p> <p>SET-ASIDE: RG125 (Non-state road pavement preservation)</p> <p>COST: \$452,000 LIFE: 10 years</p> <p>SPONSOR: Rensselaer County</p> <p>PAVEMENT CONDITION: 6</p> <p>FUNCTIONAL CLASS: Urban Collector</p> <p>AADT: 1,600</p> <p>ON PRIORITY NETWORK(S): Bike/Ped</p> | <table> <tr> <td>BENEFIT/COST RATIO</td><td>23.7</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>\$61</td></tr> </table> <p><small>*includes gasoline usage and ownership costs</small></p> | BENEFIT/COST RATIO | 23.7 | 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) | \$61 |
| BENEFIT/COST RATIO | 23.7 | | | | | | | | | | | | | | | | | | |
| TOTAL BENEFITS (\$k/yr) | \$1,445 | | | | | | | | | | | | | | | | | | |
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| TRAVEL TIME | \$0 | | | | | | | | | | | | | | | | | | |
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| <p>CONGESTION RELIEF: Improved pavement conditions can help improve traffic flow.</p> <p>AIR QUALITY BENEFIT: Shared lane markings (sharrows) may encourage bicycling.</p> <p>ENVIRONMENTAL MITIGATION: Within .25 miles of 100 year flood plain, several water features, wetlands, an aquifer and Class 1 & 2 Soils.</p> <p>REGIONAL SYSTEM LINKAGE: The majority of the adjacent land uses are open space with residential toward the end of NY 43.</p> |
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| <p>LAND USE COMPATIBILITY (PLANNED OR EXISTING): Consistent with the Rensselaer County Highway Department's 2014 10-Year Strategic Highway Improvement Plan and supports implementation of shared lane markings as suggested in the Town of Sand Lake Hamlets Master Plan.</p> <p>CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Provides better road quality for adjacent neighborhoods.</p> <p>ENVIRONMENTAL JUSTICE: N/A, Neutral Impact</p> <p>BUSINESS OR HOUSING DISLOCATIONS: No additional ROW will be needed for this project.</p> |
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| <p>FACILITATES:</p> <p>BICYCLING – Y: Shared lane markings</p> <p>WALKING – N/A</p> | <p>TRANSIT USE – N/A</p> <p>GOODS MOVEMENT – N/A</p> <p>INTERMODAL TRANSFERS – N/A</p> |
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| <p>SPONSOR PRIORITY: 6</p> <p>SCREENING ISSUES: None.</p> <p>OTHER CONSIDERATIONS: None.</p> |
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