

### #33, BEST ROAD (CR 55) PAVEMENT PRESERVATION TOWNS OF EAST & NORTH GREENBUSH

|   |   |                           |             |                         |         |        |      |             |     |                   |     |             |      |                  |        |       |     |                                 |              |
|---|---|---------------------------|-------------|-------------------------|---------|--------|------|-------------|-----|-------------------|-----|-------------|------|------------------|--------|-------|-----|---------------------------------|--------------|
| <p><b>LOCATION:</b> NY 43 to the Sand Lake Town Line</p> <p><b>DESCRIPTION:</b> Project will mitigate the deterioration of roadway with a single course (1 ½") hot mix asphalt overlay to preserve the pavement and widen the shoulders. Design is not included, because the sponsor will provide design in a rural setting.</p> <p><b>SET-ASIDE:</b> RG125 (Non-state road pavement preservation)</p> <p><b>COST:</b> \$816,000    <b>LIFE:</b> 10 years</p> <p><b>SPONSOR:</b> Rensselaer County</p> <p><b>PAVEMENT CONDITION:</b> 6</p> <p><b>FUNCTIONAL CLASS:</b> Rural Major Collector &amp; Urban Collector</p> <p><b>AADT:</b> 2,900</p> <p><b>ON PRIORITY NETWORK(S):</b> Bike/Ped</p> | <table> <tr> <td><b>BENEFIT/COST RATIO</b></td><td><b>12.5</b></td></tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td><td>\$1,386</td></tr> <tr> <td>SAFETY</td><td>\$65</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>\$25</td></tr> <tr> <td>LIFE CYCLE VALUE</td><td>\$1296</td></tr> <tr> <td>OTHER</td><td>\$0</td></tr> <tr> <td><b>ANNUALIZED COST (\$k/yr)</b></td><td><b>\$111</b></td></tr> </table> <p>*includes gasoline usage and ownership costs</p> | <b>BENEFIT/COST RATIO</b> | <b>12.5</b> | TOTAL BENEFITS (\$k/yr) | \$1,386 | SAFETY | \$65 | TRAVEL TIME | \$0 | OPERATING/ENERGY* | \$0 | ENERGY/USER | \$25 | LIFE CYCLE VALUE | \$1296 | OTHER | \$0 | <b>ANNUALIZED COST (\$k/yr)</b> | <b>\$111</b> |
| <b>BENEFIT/COST RATIO</b>   | <b>12.5</b>   |                           |             |                         |         |        |      |             |     |                   |     |             |      |                  |        |       |     |                                 |              |
| TOTAL BENEFITS (\$k/yr)   | \$1,386   |                           |             |                         |         |        |      |             |     |                   |     |             |      |                  |        |       |     |                                 |              |
| SAFETY  | \$65  |                           |             |                         |         |        |      |             |     |                   |     |             |      |                  |        |       |     |                                 |              |
| TRAVEL TIME   | \$0   |                           |             |                         |         |        |      |             |     |                   |     |             |      |                  |        |       |     |                                 |              |
| OPERATING/ENERGY*   | \$0   |                           |             |                         |         |        |      |             |     |                   |     |             |      |                  |        |       |     |                                 |              |
| ENERGY/USER   | \$25  |                           |             |                         |         |        |      |             |     |                   |     |             |      |                  |        |       |     |                                 |              |
| LIFE CYCLE VALUE  | \$1296  |                           |             |                         |         |        |      |             |     |                   |     |             |      |                  |        |       |     |                                 |              |
| OTHER   | \$0   |                           |             |                         |         |        |      |             |     |                   |     |             |      |                  |        |       |     |                                 |              |
| <b>ANNUALIZED COST (\$k/yr)</b>   | <b>\$111</b>  |                           |             |                         |         |        |      |             |     |                   |     |             |      |                  |        |       |     |                                 |              |

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| <p><b>CONGESTION RELIEF:</b> Improved pavement conditions may improve traffic flow.</p> <p><b>AIR QUALITY BENEFIT:</b> Less congestion, in addition to bigger shoulders for bicycles and pedestrians, will improve air quality.</p> <p><b>ENVIRONMENTAL MITIGATION:</b> Within .25 miles of 100 year flood plain, several water features, a wetland, an aquifer, in-use farmland, Class 1 &amp; 2 Soils, Agricultural districts, farmland taxed parcels and a National Register Historic District.</p> <p><b>REGIONAL SYSTEM LINKAGE:</b> Surrounding land uses are largely open space and farmland and is a commuter route for residents of adjacent subdivisions to access I-90.</p> |
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| <p><b>LAND USE COMPATIBILITY (PLANNED OR EXISTING):</b> The pavement resurfacing is in line with the Rensselaer County Highway Department's 2014 10-Year Strategic Highway Improvement Plan.</p> <p><b>CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT:</b> Improved roads lead to better access to local businesses.</p> <p><b>ENVIRONMENTAL JUSTICE:</b> N/A, Neutral Impact</p> <p><b>BUSINESS OR HOUSING DISLOCATIONS:</b> No additional ROW will be needed for this project.</p> |
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| <p><b>FACILITATES:</b></p> <p><b>BICYCLING</b> – Y: Shoulder widening</p> <p><b>WALKING</b> – N/A</p> | <p><b>TRANSIT USE</b> – N/A</p> <p><b>GOODS MOVEMENT</b> – N/A</p> <p><b>INTERMODAL TRANSFERS</b> – N/A</p> |
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| <p><b>SPONSOR PRIORITY:</b> 2</p> <p><b>SCREENING ISSUES:</b> None.</p> <p><b>OTHER CONSIDERATIONS:</b> None.</p> |
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