

## #10, TIBBITS AVENUE IMPROVEMENT PROJECT VILLAGE OF GREEN ISLAND

|   |  |                           |             |                         |        |        |     |             |     |                   |     |             |     |                  |       |       |     |                          |      |
|---|--|---------------------------|-------------|-------------------------|--------|--------|-----|-------------|-----|-------------------|-----|-------------|-----|------------------|-------|-------|-----|--------------------------|------|
| <p><b>LOCATION:</b> Tibbits Avenue from Hudson Avenue to Cohoes Avenue.</p> <p><b>DESCRIPTION:</b> Improve the pedestrian and bicyclist environments along highly traveled roadway. Project will consist of installing concrete sidewalks along the full extent of the southern margin of Tibbits Avenue and along northern margin from Hudson Avenue intersection to Cohoes Avenue intersection. In addition, new pavement and striping will be installed to address failing road surface issues as well as needed properly marked bicycle lane for Mohawk-Hudson Bike Trail.</p> <p><b>SET-ASIDE:</b> Bicycle/ Pedestrian Network</p> <p><b>COST:</b> \$ 569,000    <b>LIFE:</b> 10 years</p> <p><b>SPONSOR:</b> Village of Green Island</p> <p><b>PAVEMENT CONDITION:</b> 5 &amp; 6</p> <p><b>FUNCTIONAL CLASS:</b> Urban Collector</p> <p><b>AADT:</b> 2,400</p> <p><b>ON PRIORITY NETWORK(S):</b> Bike/Ped</p> | <table> <tr> <td><b>BENEFIT/COST RATIO</b></td><td style="text-align: right;"><b>11.5</b></td></tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td><td style="text-align: right;">\$ 888</td></tr> <tr> <td>SAFETY</td><td style="text-align: right;">\$4</td></tr> <tr> <td>TRAVEL TIME</td><td style="text-align: right;">\$0</td></tr> <tr> <td>OPERATING/ENERGY*</td><td style="text-align: right;">\$0</td></tr> <tr> <td>ENERGY/USER</td><td style="text-align: right;">\$4</td></tr> <tr> <td>LIFE CYCLE VALUE</td><td style="text-align: right;">\$880</td></tr> <tr> <td>OTHER</td><td style="text-align: right;">\$0</td></tr> <tr> <td>ANNUALIZED COST (\$k/yr)</td><td style="text-align: right;">\$77</td></tr> </table> <p><small>*includes gasoline usage and ownership costs</small></p> | <b>BENEFIT/COST RATIO</b> | <b>11.5</b> | TOTAL BENEFITS (\$k/yr) | \$ 888 | SAFETY | \$4 | TRAVEL TIME | \$0 | OPERATING/ENERGY* | \$0 | ENERGY/USER | \$4 | LIFE CYCLE VALUE | \$880 | OTHER | \$0 | ANNUALIZED COST (\$k/yr) | \$77 |
| <b>BENEFIT/COST RATIO</b>   | <b>11.5</b>  |                           |             |                         |        |        |     |             |     |                   |     |             |     |                  |       |       |     |                          |      |
| TOTAL BENEFITS (\$k/yr)   | \$ 888   |                           |             |                         |        |        |     |             |     |                   |     |             |     |                  |       |       |     |                          |      |
| SAFETY  | \$4  |                           |             |                         |        |        |     |             |     |                   |     |             |     |                  |       |       |     |                          |      |
| TRAVEL TIME   | \$0  |                           |             |                         |        |        |     |             |     |                   |     |             |     |                  |       |       |     |                          |      |
| OPERATING/ENERGY*   | \$0  |                           |             |                         |        |        |     |             |     |                   |     |             |     |                  |       |       |     |                          |      |
| ENERGY/USER   | \$4  |                           |             |                         |        |        |     |             |     |                   |     |             |     |                  |       |       |     |                          |      |
| LIFE CYCLE VALUE  | \$880  |                           |             |                         |        |        |     |             |     |                   |     |             |     |                  |       |       |     |                          |      |
| OTHER   | \$0  |                           |             |                         |        |        |     |             |     |                   |     |             |     |                  |       |       |     |                          |      |
| ANNUALIZED COST (\$k/yr)  | \$77   |                           |             |                         |        |        |     |             |     |                   |     |             |     |                  |       |       |     |                          |      |

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| <p><b>CONGESTION RELIEF:</b> Pedestrian and bicycle improvements encourage walking and biking. Improved pavement may improve traffic flow.</p> <p><b>AIR QUALITY BENEFIT:</b> Project may reduce emissions by increasing walk/bike modes.</p> <p><b>ENVIRONMENTAL MITIGATION:</b> Within .25 miles of several water features, 100 year flood plain, an aquifer, a National Historic Register District, wetlands and a rare animal population.</p> <p><b>REGIONAL SYSTEM LINKAGE:</b> Tibbits Avenue provides access to I-787, the Mohawk-Hudson Trail, residential neighborhoods, parks, commercial businesses and the Heatly School. Area served by two CDTA routes.</p> |
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| <p><b>LAND USE COMPATIBILITY (PLANNED OR EXISTING):</b> Project is consistent with the 2012 Green Island Community Action Plan and the 2012 Green Island Recreation &amp; Open Space Plan.</p> <p><b>CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT:</b> Redevelopment of the Tibbits Avenue corridor is a high village priority.</p> <p><b>ENVIRONMENTAL JUSTICE:</b> Low Income and/or Minority</p> <p><b>BUSINESS OR HOUSING DISLOCATIONS:</b> None.</p> |
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| <p><b>FACILITATES:</b></p> <p><b>BICYCLING</b> – Y: Bike Lane/Surface Imps</p> <p><b>WALKING</b> – Y: Sidewalks/ADA</p> | <p><b>TRANSIT USE</b> – Y: ADA/walking/biking</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> 1</p> <p><b>SCREENING ISSUES:</b> None.</p> <p><b>OTHER CONSIDERATIONS:</b> None.</p> |
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