

#45, SOUTH MAIN STREET BRIDGE REPLACEMENT: TOWN OF HALFMOON

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| <p>LOCATION: South Main Street bridge over an unknown stream</p> <p>DESCRIPTION: Bridge replacement with five foot shoulders to accommodate bicycle lanes</p> <p>CATEGORY: Bridge</p> <p>COST: \$0.69 M LIFE: 50 Years</p> <p>SPONSOR: Town of Halfmoon</p> <p>CURRENT CONDITION: Cracking and deterioration. No BIN #. Assume a state bridge rating of 3.5</p> <p>FUNCTIONAL CLASS: Minor Urban Arterial</p> <p>AADT: Under 5,000</p> <p>ON PRIORITY NETWORK(S): None</p> | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black;">BENEFIT/COST RATIO</td> <td style="text-align: right; border-bottom: 1px solid black;">42.7</td> </tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$1,878</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$0</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;">\$0</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td style="text-align: right;">\$1,878</td> </tr> <tr> <td>OTHER</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td style="border-top: 1px solid black;">ANNUALIZED COST (\$k/yr)</td> <td style="text-align: right; border-top: 1px solid black;">\$44</td> </tr> </table> <p style="font-size: small; margin-top: 5px;">*includes gasoline usage and ownership costs</p> | BENEFIT/COST RATIO | 42.7 | TOTAL BENEFITS (\$k/yr) | \$1,878 | SAFETY | \$0 | TRAVEL TIME | \$0 | OPERATING/ENERGY* | \$0 | ENERGY/USER | \$0 | LIFE CYCLE VALUE | \$1,878 | OTHER | \$0 | ANNUALIZED COST (\$k/yr) | \$44 |
| BENEFIT/COST RATIO | 42.7 | | | | | | | | | | | | | | | | | | |
| TOTAL BENEFITS (\$k/yr) | \$1,878 | | | | | | | | | | | | | | | | | | |
| SAFETY | \$0 | | | | | | | | | | | | | | | | | | |
| TRAVEL TIME | \$0 | | | | | | | | | | | | | | | | | | |
| OPERATING/ENERGY* | \$0 | | | | | | | | | | | | | | | | | | |
| ENERGY/USER | \$0 | | | | | | | | | | | | | | | | | | |
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| ANNUALIZED COST (\$k/yr) | \$44 | | | | | | | | | | | | | | | | | | |

CONGESTION RELIEF: No measurable reductions in excess delay or VMT.

AIR QUALITY BENEFIT: No measurable reductions in volatile organic compounds or NOx.

ENVIRONMENTAL MITIGATION: Within 0.25 miles of several water features, 100 year Flood Plain, an aquifer, several wetlands and Class 1 & 2 Soils

REGIONAL SYSTEM LINKAGE: Connects Mechanicville residences to transportation links to the south. Serves as an alternate route to US 4/NY 32.

LAND USE COMPATIBILITY (PLANNED OR EXISTING): Halfmoon Comprehensive Plan and Halfmoon Trails Master Plan

CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Project will maintain quality of life by increasing transportation options.

ENVIRONMENTAL JUSTICE: N/A

BUSINESS OR HOUSING DISLOCATIONS: None. No ROW anticipated.

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| <p>FACILITATES:</p> <p>BICYCLING – Y: bike lanes</p> <p>WALKING – Y: bike lanes</p> | <p>TRANSIT USE – N/A</p> <p>GOODS MOVEMENT – N/A</p> <p>INTERMODAL TRANSFERS – N/A</p> |
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SPONSOR PRIORITY: High

SCREENING ISSUES: NYSDOT could not find Bridge ID number. This may be a large culvert but not a bridge. It is not eligible for HBRR.

OTHER CONSIDERATIONS: Diverting the flow of the stream to construct the bridge may be required, increasing the cost.