

## #37, 21ST ST REALIGNMENT & HOOSICK ST/BURDETT AVE INTERSECTION: CITY OF TROY

<p><b>LOCATION:</b> Hoosick St/Burdett Ave intersection to 500 ft north at connection with 21st St</p> <p><b>DESCRIPTION:</b> Realignment of 21st St to connect to Hoosick/Burdett intersection, 500 feet of new road, sidewalks, replacement of traffic signal and pedestrian pole, relocate bus shelter, access management, utility relocation and new storm drains</p> <p><b>CATEGORY:</b> Community Compatibility/Econ Dev.</p> <p><b>COST:</b> \$1.37 M    <b>LIFE:</b> ?</p> <p><b>SPONSOR:</b> Troy</p> <p><b>PAVEMENT CONDITION:</b> 6</p> <p><b>FUNCTIONAL CLASS:</b> NY 7: Principal Urban Arterial and NHS, Burdett: Urban Collector, 21<sup>st</sup> St: Urban Local</p> <p><b>AADT:</b> Hoosick St: 28,980, 21<sup>st</sup> St: 6,900</p> <p><b>ON PRIORITY NETWORK(S):</b> Bike/Ped, Access Management, Transit, ITS, Freight</p>	<table border="1"> <tr> <td><b>BENEFIT/COST RATIO</b></td> <td style="text-align: right;"><b>3.2</b></td> </tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$ 280</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$280</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;">\$0</td> </tr> <tr> <td>OTHER</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td><b>ANNUALIZED COST (\$k/yr)</b></td> <td style="text-align: right;"><b>\$87</b></td> </tr> </table> <p>*includes gasoline usage and ownership costs</p>	<b>BENEFIT/COST RATIO</b>	<b>3.2</b>	TOTAL BENEFITS (\$k/yr)	\$ 280	SAFETY	\$280	TRAVEL TIME	\$0	OPERATING/ENERGY*	\$0	ENERGY/USER	\$0	LIFE CYCLE VALUE	\$0	OTHER	\$0	<b>ANNUALIZED COST (\$k/yr)</b>	<b>\$87</b>
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**CONGESTION RELIEF:** No reduction in excess delay. VMT reduced by 975.

**AIR QUALITY BENEFIT:** No reduction in volatile organic compounds. NOx reduced by 1 KG/year.

**ENVIRONMENTAL MITIGATION:** Within 0.50 miles of Class 1 &2 Soils

**REGIONAL SYSTEM LINKAGE:** Hoosick Street is an important NHS route to Vermont and the project will improve traffic flow and safety through the corridor.

**LAND USE COMPATIBILITY (PLANNED OR EXISTING):** Hoosick Street Phase II Corridor Plan

**CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT:** Realignment will allow for the development of the remaining parcels on the north side of Hoosick Street.

**ENVIRONMENTAL JUSTICE:** Low Income and Minority

**BUSINESS OR HOUSING DISLOCATIONS:** None. ROW will be required and adjacent property owners are willing to donate ROW to progress the project.

<p><b>FACILITATES:</b></p> <p><b>BICYCLING</b> – Not directly</p> <p><b>WALKING</b> – Y: New/replaced sidewalks, ADA</p>	<p><b>TRANSIT USE</b> – Relocation of transit stop, safer crossing</p> <p><b>GOODS MOVEMENT</b> – N/A</p> <p><b>INTERMODAL TRANSFERS</b> – Y: Transit/Ped</p>
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**SPONSOR PRIORITY:** High #1

**SCREENING ISSUES:** None.

**OTHER CONSIDERATIONS:** NYSDOT has jurisdiction over Hoosick Street. Coordination between NYSDOT and the City will be required.