

## #12, WASHINGTON/WESTERN BRT: CITY OF ALBANY/TOWN OF GUILDERLAND

<p><b>LOCATION:</b> Downtown Albany to East City Line, Town of Guilderland to NY 155</p> <p><b>DESCRIPTION:</b> Design and implementation of street modifications, stations, and terminals.</p> <p><b>CATEGORY:</b> Transit</p> <p><b>COST:</b> \$56.10 M    <b>LIFE:</b> 12 Years</p> <p><b>SPONSOR:</b> CDTA</p> <p><b>CURRENT CONDITION:</b> In Planning Phase</p> <p><b>FUNCTIONAL CLASS:</b> Principal Urban Arterial</p> <p><b>AADT:</b> ??</p> <p><b>ON PRIORITY NETWORK(S):</b> Bike/Ped, Access Management, ITS, Transit</p>	<table border="1"> <thead> <tr> <th style="text-align: left;"><b>BENEFIT/COST RATIO</b></th> <th style="text-align: right;"><b>3.2</b></th> </tr> </thead> <tbody> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$21,087</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$1,807</td> </tr> <tr> <td>TRAVEL TIME</td> <td style="text-align: right;">\$3,243</td> </tr> <tr> <td>OPERATING/ENERGY*</td> <td style="text-align: right;">N/A</td> </tr> <tr> <td>ENERGY/USER</td> <td style="text-align: right;">\$7,669</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td style="text-align: right;">\$3,835</td> </tr> <tr> <td>OTHER</td> <td style="text-align: right;">\$4,533</td> </tr> <tr> <td><b>ANNUALIZED COST (\$k/yr)</b></td> <td style="text-align: right;"><b>\$6,691</b></td> </tr> </tbody> </table> <p>*includes gasoline usage and ownership costs</p>	<b>BENEFIT/COST RATIO</b>	<b>3.2</b>	TOTAL BENEFITS (\$k/yr)	\$21,087	SAFETY	\$1,807	TRAVEL TIME	\$3,243	OPERATING/ENERGY*	N/A	ENERGY/USER	\$7,669	LIFE CYCLE VALUE	\$3,835	OTHER	\$4,533	<b>ANNUALIZED COST (\$k/yr)</b>	<b>\$6,691</b>
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<p><b>CONGESTION RELIEF:</b> No measurable reductions in excess delay. VMT reduced by an unknown amount. Would take many vehicles off the WAE/Western Avenue Corridor.</p> <p><b>AIR QUALITY BENEFIT:</b> Reduced VMT results in improved Air Quality. Passenger vehicles emit almost 20 pounds of CO<sub>2</sub> per gallon of fuel consumed.</p> <p><b>ENVIRONMENTAL MITIGATION:</b> Within 0.25 miles of several rare animal populations, an aquifer, a water feature, 100 year Flood Plain, several National Register Historic Districts, a state unique area, a significant Ecological community and Class 1 &amp; 2 Soils</p> <p><b>REGIONAL SYSTEM LINKAGE:</b></p>
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<p><b>LAND USE COMPATIBILITY (PLANNED OR EXISTING):</b> Harriman Linkage Study, TMA Study, and UAlbany campus planning efforts.</p> <p><b>CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT:</b> N/A</p> <p><b>ENVIRONMENTAL JUSTICE:</b> Low Income and Minority</p> <p><b>BUSINESS OR HOUSING DISLOCATIONS:</b> N/A</p>
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<p><b>FACILITATES:</b></p> <p><b>BICYCLING - Y</b></p> <p><b>WALKING - Y</b></p>	<p><b>TRANSIT USE - Y</b></p> <p><b>GOODS MOVEMENT - NA</b></p> <p><b>INTERMODAL TRANSFERS - N</b></p>
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<p><b>SPONSOR PRIORITY:</b> 10 of 14</p> <p><b>SCREENING ISSUES:</b> None</p> <p><b>OTHER CONSIDERATIONS:</b> In conceptual design. Construction is a possible Small Starts 5309 candidate.</p>
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