

## #1, ALBANY SHAKER ROAD (ASR) REHABILITATION CITY OF ALBANY

<p><b>LOCATION:</b> Corporate Woods Blvd to US 9 Overpass Bridge and Northern Blvd from US 9 overpass bridge to I90 overpass bridge</p> <p><b>DESCRIPTION:</b> Reconstruction of Albany Shaker with new sidewalks and curbs, ADA compliant pedestrian facilities, crosswalks, bicycle facilities, replace traffic signals, and drainage. Northern Blvd reconstruction with turning lanes, raised landscaped median, shared travel lane.</p> <p><b>CATEGORY:</b> Pavement</p> <p><b>COST:</b> \$11.07 M      <b>LIFE:</b> 48 years</p> <p><b>SPONSOR:</b> City of Albany</p> <p><b>PAVEMENT CONDITION:</b> ASR: 6, Northern: 5</p> <p><b>FUNCTIONAL CLASS:</b> ASR: Principal Urban Arterial, Northern: Minor Urban Arterial</p> <p><b>AADT:</b> ASR (US 9 – Old Hickory):10,300, ASR (Old Hickory – City Line): 8,900 Northern: 4,200</p> <p><b>ON PRIORITY NETWORK(S):</b> Bike/Ped, ITS, Transit</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><b>BENEFIT/COST RATIO</b></td> <td style="text-align: right;"><b>11.0</b></td> </tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td style="text-align: right;">\$7,721</td> </tr> <tr> <td>SAFETY</td> <td style="text-align: right;">\$513</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;">\$34</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td style="text-align: right;">\$7,174</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>\$702</b></td> </tr> </table> <p>*includes gasoline usage and ownership costs</p>	<b>BENEFIT/COST RATIO</b>	<b>11.0</b>	TOTAL BENEFITS (\$k/yr)	\$7,721	SAFETY	\$513	TRAVEL TIME	\$0	OPERATING/ENERGY*	\$0	ENERGY/USER	\$34	LIFE CYCLE VALUE	\$7,174	OTHER	\$0	<b>ANNUALIZED COST (\$k/yr)</b>	<b>\$702</b>
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**CONGESTION RELIEF:** No measurable reduction in excess delay. VMT reduced by 8,190.

**AIR QUALITY BENEFIT:** Volatile organic compounds reduced by 3 KG/year and NOx reduced by 4 KG/year. New sidewalks provide the opportunity for alternative travel through the corridor.

**ENVIRONMENTAL MITIGATION:** Within 0.25 miles of a water feature, an aquifer, Class 1 & 2 Soils and the 100 year Flood Plain.

**REGIONAL SYSTEM LINKAGE:** New sidewalks and bicycle treatments would connect to those in the adjacent town of Colonie (there are existing sidewalks and wide curb lanes).

**LAND USE COMPATIBILITY (PLANNED OR EXISTING):** Bicycle accommodations to consider the City of Albany Bicycle Master Plan recommendations.

**CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT:** Supports urban revitalization

**ENVIRONMENTAL JUSTICE:** Minority and Low Income

**BUSINESS OR HOUSING DISLOCATIONS:** N/A. Small ROW acquisitions may be needed

<p><b>FACILITATES:</b></p> <p><b>BICYCLING</b> – Y: bike accommodations TBD</p> <p><b>WALKING</b> – Y: new sidewalks</p>	<p><b>TRANSIT USE</b> – Y: Bike/Ped improvements</p> <p><b>GOODS MOVEMENT</b> – N/A</p> <p><b>INTERMODAL TRANSFERS</b> – Y</p>
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**SPONSOR PRIORITY:** High

**SCREENING ISSUES:** None

**OTHER CONSIDERATIONS:** Northern Boulevard to be narrowed to improve bike/ped safety.