

## #4, FULLER ROAD/WASHINGTON AVENUE INTERSECTION IMPROVEMENT

<b>LOCATION:</b> City of Albany, Albany County <b>DESCRIPTION:</b> Construct a 2-lane roundabout at the intersection with sidewalks <b>PROJECT TYPE:</b> Mobility/Congestion Relief <b>COST:</b> \$4.87 M (total all phases) <b>LIFE:</b> 20 yr <b>SPONSOR:</b> Albany County <b>CURRENT CONDITION:</b> LOS F <b>FUNCTIONAL CLASS:</b> Urban Principal Arterial <b>AADT:</b> Ranges from 12,900 to 35,000 <b>PRIORITY NETWORK(S):</b> Bike/Ped, Access Management and ITS	<b>BENEFIT/COST RATIO</b>	<b>6.7</b>
	TOTAL BENEFITS (k\$/yr)	\$2,868
	SAFETY	\$608
	TRAVEL TIME	\$1,917
	ENERGY/USER	\$343
	LIFE CYCLE VALUE	\$0
	OTHER	\$0
ANNUALIZED COST (k\$/yr)	\$425	

**CONGESTION RELIEF:** The project reduces delay from 91 seconds per vehicle to less than 20 seconds per vehicle in the PM peak in 2010. Traffic flow improvements are expected to reduce 437 excess vehicle hours of delay on an average daily basis.

**AIR QUALITY BENEFIT:** An average annual reduction of 3,750 KG of volatile organic compounds emissions and 1,250 KG of nitrogen oxides are estimated to result from this project.

**REGIONAL SYSTEM LINKAGE:** Would improve traffic flow at a high volume location in the City of Albany. Albany County owns Fuller Road, NYSDOT owns Washington Avenue Extension and the City of Albany owns Washington Avenue.

**LAND USE COMPATIBILITY (PLANNED OR EXISTING):** The project is consistent with the County's Capital Program.

**COMMUNITY OR ECONOMIC DEVELOPMENT:** The project would enhance the function of the intersection to support major economic development initiatives.

**ENVIRONMENTAL ISSUES:** Low income area.

**BUSINESS OR HOUSING DISLOCATIONS:** Minimal ROW acquisition is anticipated.

**BICYCLING:** Secondary objective.

**WALKING:** Direct through improved pedestrian crossings at the intersection.

**GOODS MOVEMENT:** Indirect through improved traffic flow.

**TRANSIT USE:** Indirect through improved traffic flow.

**INTERMODAL TRANSFERS:** No.

**SCREENING ISSUES:** None.

**OTHER CONSIDERATIONS:** Technically eligible for CMAQ and possibly NHS funds. If a linkage study is awarded for the area, should the project be funded now?