

## #22, QUEUE JUMPER AT CENTRAL AVENUE AND WOLF ROAD

<b>LOCATION:</b> Town of Colonie, Albany County <b>DESCRIPTION:</b> Design and construct a queue jumper for Route 5 Bus Rapid Transit <b>PROJECT TYPE:</b> Transit <b>COST:</b> \$0.64 M (total all phases) <b>LIFE:</b> 20 yr <b>SPONSOR:</b> CDTA <b>CURRENT CONDITION:</b> NA <b>FUNCTIONAL CLASS:</b> Urban Principal Arterial <b>AADT:</b> 37,200 <b>PRIORITY NETWORK(S):</b> Bike/Ped, Access Management, ITS and Transit	<b>BENEFIT/COST RATIO</b>	<b>1.0</b>
	TOTAL BENEFITS (k\$/yr)	\$56
	SAFETY	\$0
	TRAVEL TIME	\$20
	ENERGY/USER	\$13
	LIFE CYCLE VALUE	\$0
	OTHER	\$23
ANNUALIZED COST (k\$/yr)	\$56	

**CONGESTION RELIEF:** An annual reduction of 85,625 VMT is estimated to result from this project.

**AIR QUALITY BENEFIT:** An average annual reduction of 58.9 KG of volatile organic compounds emissions and 61.2 KG of nitrogen oxides are estimated to result from this project.

**REGIONAL SYSTEM LINKAGE:** Would support the overall package of transit improvements in the Route 5 corridor.

**LAND USE COMPATIBILITY (PLANNED OR EXISTING):** Consistent with the Route 5 Bus Rapid Transit Conceptual Design Study.

**COMMUNITY OR ECONOMIC DEVELOPMENT:** Would support reliability and attractiveness of transit in the Route 5 corridor.

**ENVIRONMENTAL ISSUES:** Low income and minority area. Potential soil contamination at Sears may require remediation.

**BUSINESS OR HOUSING DISLOCATIONS:** Additional right-of-way may be required for the project. No housing displacement.

**BICYCLING:** Not directly.

**WALKING:** Not directly.

**GOODS MOVEMENT:** No.

**TRANSIT USE:** Primary objective

**INTERMODAL TRANSFERS:** Not directly.

**SCREENING ISSUES:** None.

**OTHER CONSIDERATIONS:** CMAQ Eligible. NYS owns the signal.