#8, RT 9W/FEURA BUSH RD/GLENMONT RD ROUNDABOUT

LOCATION: Town of Bethlehem, Albany County **DESCRIPTION:** Construction of a single lane roundabout at Rt 9W/Ferua Bush Rd/Glenmont Rd including a retaining wall. Minor drainage and utility work and signage included. **PROJECT TYPE:** Intersection/Roundabout/Queue Jumper **COST:** $1.25 M (total all phases) **LIFE:** 20 yr **SPONSOR:** Town of Bethlehem **CURRENT CONDITION:** Signalized intersection **FUNCTIONAL CLASS:** Urban Collector, Principal Urban Arterial, Minor Urban Arterial **AADT:** 12,800 average **PRIORITY NETWORK(S):** Transit, Access Management, ITS, Bike/Ped	**BENEFIT/COST RATIO**	**2.6**
	TOTAL BENEFITS (k$/yr)	$ 283
	SAFETY	$38
	TRAVEL TIME	$165
	ENERGY/USER	$80
	LIFE CYCLE VALUE	$0
	OTHER	$0
	ANNUALIZED COST (k$/yr)	$109

CONGESTION RELIEF: Would improve traffic flow and reduce delay.
AIR QUALITY BENEFIT: : An average annual reduction of 96 KG of volatile organic compounds emissions and 60 KG of nitrogen oxides are estimated to result from this project.
REGIONAL SYSTEM LINKAGE: Would reduce congestion, minimize delay and conflicts and increase bike/ped safety

LAND USE COMPATIBILITY (PLANNED OR EXISTING): Consistent with draft 9W Corridor Linkage Study and New Visions 2030 congestion management principles
COMMUNITY OR ECONOMIC DEVELOPMENT: The project would enhance the function of the intersection to support economic development initiatives
ENVIRONMENTAL ISSUES: Minority populations in some areas; Within .25 mile of an aquifer and Class 1 & 2 Soils
BUSINESS OR HOUSING DISLOCATIONS: None Anticipated

BICYCLING: Secondary Objective
WALKING: Secondary Objective
GOODS MOVEMENT: No
TRANSIT USE: Site is on existing CDTA route
INTERMODAL TRANSFERS: None

SCREENING ISSUES: None
OTHER CONSIDERATIONS: Approx. 0.2 acres of ROW will be purchased