

#4, ONTARIO STREET/DELAWARE AVENUE TRAFFIC SIGNAL INSTALLATION CITY OF COHOES

LOCATION: Ontario Street & Delaware Avenue DESCRIPTION: Install a traffic signal to create a controlled intersection at Ontario Street/Delaware Avenue. Project will also include pedestrian signals, crosswalks and ADA ramps. SET-ASIDE: RG39 (ITS for Local Traffic Signals) COST: \$188,000 LIFE: 10 years SPONSOR: City of Cohoes PAVEMENT CONDITION: 6 in 2013 for Ontario St. FUNCTIONAL CLASS: Urban Minor Arterial AADT: 12,700 ON PRIORITY NETWORK(S): Transit, Bike/Ped, ITS	<table> <tr> <td>BENEFIT/COST RATIO</td><td>4.8</td></tr> <tr> <td>TOTAL BENEFITS (\$k/yr)</td><td>\$ 119</td></tr> <tr> <td>SAFETY</td><td>\$26</td></tr> <tr> <td>TRAVEL TIME</td><td>\$76</td></tr> <tr> <td>OPERATING/ENERGY*</td><td>\$17</td></tr> <tr> <td>ENERGY/USER</td><td>\$0</td></tr> <tr> <td>LIFE CYCLE VALUE</td><td>\$0</td></tr> <tr> <td>OTHER</td><td>\$0</td></tr> <tr> <td>ANNUALIZED COST (\$k/yr)</td><td>\$25</td></tr> </table> <p>*includes gasoline usage and ownership costs</p>	BENEFIT/COST RATIO	4.8	TOTAL BENEFITS (\$k/yr)	\$ 119	SAFETY	\$26	TRAVEL TIME	\$76	OPERATING/ENERGY*	\$17	ENERGY/USER	\$0	LIFE CYCLE VALUE	\$0	OTHER	\$0	ANNUALIZED COST (\$k/yr)	\$25
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CONGESTION RELIEF: Long term, the project may improve the flow of traffic. AIR QUALITY BENEFIT: The provision of signalized pedestrian crossings may encourage walking and biking which support improved air quality. Volatile organic compounds reduced by 6 KG/year and NOx reduced by 5 KG/year. ENVIRONMENTAL MITIGATION: Within .25 miles of a water feature, an aquifer, Class 1 & 2 Soils, 100 year flood plain and an open space area. REGIONAL SYSTEM LINKAGE: The intersection is located in a revitalizing neighborhood, acting as a thoroughfare for residents. The road and intersection will be consistent with Troy (112 th Street Bridge). CDTA routes #22 and #746 provide transit service.
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LAND USE COMPATIBILITY (PLANNED OR EXISTING): The project is consistent with the Traffic Impact Study for Van Schaick Marina Condominiums-Phase 2, the Brownfield Opportunities Area plan and the Van Schaick Island Transportation and Revitalization Plan. CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: The project will support the City's waterfront revitalization efforts. ENVIRONMENTAL JUSTICE: N/A, Neutral Impact BUSINESS OR HOUSING DISLOCATIONS: No additional ROW will be needed for this project.

FACILITATES BICYCLING – Y: Trail Crossing Improvements WALKING – Y: Ped Improvements/Signals	TRANSIT USE – Y: Ped Improvements/ADA GOODS MOVEMENT – N/A INTERMODAL TRANSFERS – Y: transit/ped
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SPONSOR PRIORITY: 1 SCREENING ISSUES: None. OTHER CONSIDERATIONS: The City's match is from an agreement with a developer which agreed to help cover the costs of the improvements.
