

#32, RECONSTRUCTION OF BROADWAY: CITY OF RENSSELAER

LOCATION: John Street to Washington Avenue
DESCRIPTION: Reconstruction with sidewalk replacement, granite curb reset/replacement, storm and sewer separation, new water main, traffic signal replacement, historic style lighting, brick stamped crosswalks and utility strip, new street trees and ADA curb ramps
CATEGORY: Pavement
COST: \$ 9.71 M **LIFE:** 52 Years
SPONSOR: City of Rensselaer
CURRENT CONDITION: 5
FUNCTIONAL CLASS: Minor Urban Arterial
AADT: 2,900
ON PRIORITY NETWORK(S): Access Management

BENEFIT/COST RATIO	1.8
TOTAL BENEFITS (\$k/yr)	\$1,095
SAFETY	\$50
TRAVEL TIME	\$0
OPERATING/ENERGY*	\$0
ENERGY/USER	\$9
LIFE CYCLE VALUE	\$1,036
OTHER	\$0
ANNUALIZED COST (\$k/yr)	\$616

*includes gasoline usage and ownership costs

CONGESTION RELIEF: No measurable reduction in excess delay. VMT reduced by 4,485.
AIR QUALITY BENEFIT: Volatile organic compounds reduced by 2 KG/year and NOx reduced by 2 KG/year.
ENVIRONMENTAL MITIGATION: Within 0.25 miles of a water feature, 100 year flood plain, an aquifer and Class 1 & 2 Soils
REGIONAL SYSTEM LINKAGE: Improves pedestrian environment near parallel transit route

LAND USE COMPATIBILITY (PLANNED OR EXISTING): North Broadway Corridor Study and the Forbes Avenue Transportation Study
CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Major waterfront redevelopment initiative
ENVIRONMENTAL JUSTICE: Low Income and Minority
BUSINESS OR HOUSING DISLOCATIONS: N/A

<p>FACILITATES: BICYCLING – Not directly WALKING – Y: replaced sidewalks and ADA</p>	<p>TRANSIT USE – Y: Ped improvements GOODS MOVEMENT – N/A INTERMODAL TRANSFERS – Y: Transit/Ped</p>
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SPONSOR PRIORITY: High
SCREENING ISSUES: None
OTHER CONSIDERATIONS: Major school bus route through the City