



Project Name: NY 5 Bus Rapid Transit (BRT)

Project Type: Design for Transit

Location: Albany and Schenectady Counties,
New York

Construction

Cost: \$15,000,000

Completion

Date: Design 2008-2009, Construction 2009

Project Highlights

- First BRT Corridor in the Capital District
- High-profile transit stations
- Includes real-time passenger information displays, transit signal priority, ticket vending machines, CCTV video surveillance, E911 phones.

Project Description:

The project involves the construction of 18 limited-stop BRT stations along the 17 mile NY5 corridor. The major project design element involved the design and construction of high-profile bus shelters and additional street amenities to function as transit stations. Information technologies were utilized to provide a high-level of service and customer convenience while expanding on an existing fiber optic communications backbone. Coordination was required from 5 municipalities, 2 counties, the State DOT, the State OGS, and the State Office of Technology. A significant portion of the design was expedited in order to qualify for the American Recovery and Reinvestment Act (ARRA) funding of 2009.

CME Role:

Creighton Manning Engineering, as prime consultant on this Federal Transit Agency (FTA) funded project, was responsible for the preparation of the Design Approval Document/Environmental Assessment and all preliminary and final roadway reconstruction design plans. Additional services provided by CME include:

- Extensive Traffic Modeling
- Traffic Signal Design
- Construction Inspection
- Survey & Mapping
- Public Informational Meetings
- Highway Design
- Design of Queue Jump Lanes
- Underground & overhead utility relocation coordination

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