

# Hartford - New Haven Busway

This project consists of a two-way, nine-mile exclusive busway with twelve on-line stations linking downtown New Britain with Hartford's Union Station. Express service will extend beyond the busway to the south and west using Interstate 84 and other major roadways. Bus routes will be able to enter and exit the busway at immediate locations. One portion of the busway, Hartford to Newington Junction, will use an AMTRAK-owned right-of-way to be shared with existing freight and passenger rail operations. The other portion, Newington Junction to New Britain, will use an abandoned state-owned railroad right-of-way.

GCS is providing *survey, preliminary design engineering, and coordination services for this project.*



The major tasks of the project included:

- Detailed surveying: GCS is providing survey services for this \$250,000 project which extends 9½ miles, including aerial editing, mapping, utility research, borings, and test pit coordination
- Hydrology and hydraulic analysis and engineering
- Roadway drainage design
- Railroad engineering including track relocation, signalization, ITS, communications, and coordination
- Environmental permitting: Inland wetlands, flood plain management, stream channel encroachment, Army Corps, and storm water discharge
- Sedimentation and erosion control engineering
- Site design
- Utility coordination