

West Haven / Orange Commuter Rail Station Site Selection - ConnDOT

This planning project required environmental assessment and conceptual /schematic design services for the site selection for the proposed new commuter rail station for Metro North Railroad. The possible sites were located in West Haven and Orange. **GCS** was responsible for *conceptual design services* for the signal, communication, and electrification systems for the two alternative sites.

The major tasks of the project included:

- Assessment of the site to determine the extent of modification of the existing signal, communication and electrification systems for each alternative for the site
- Planning and field reviews of the existing systems
- Establishing basic design criteria
- Developing the extent of system modifications required to permit access from Track 1 to Track 5 and the inbound (westbound) platform
- Identifying potential problems with construction sequencing / phasing and activation of the sub-systems of the new station
- Developing a list of conceptual modifications for the subsystems at the adjacent Milford and New Haven stations

