

# New Haven Bus Storage / Maintenance Facility Design

A new \$84 million bus storage facility will be constructed to replace an outdated facility. The project involves preparation of final scope of work, design development of structural and civil/site, and contract documents. In addition, engineering services during construction are expected. GCS provided design engineering services for this project.



The major tasks of the project included:

- Preparation of design plans, specification and estimates
- Traffic analysis and signal design
  
- Demolition of existing structures
- Site Design and Layout
- Location of buildings
- Design of roads, loading areas, parking facilities, and walkways including pavement cross-sections
- Parking layout
- Site drainage and grading
- Utilities and landscape plans
- Construction sedimentation and erosion control plans
- Detention basins engineering
- Environmental permitting