

Sikorsky Rt. 110/South Gate Relocation Stratford, CT

Location

Stratford, CT

Owner

Sikorsky Aircraft
Corporation

Duration

Current

Construction Cost

\$1.5 Million

Project Description:

AI Engineers prepared concept design with three options for relocation of Sikorsky's Factory South Gate driveway off of Route 110. The present signal configuration, along the section of Route 110 in the vicinity of the driveway, result in significant traffic delays during peak traffic volumes. AI undertook a topographic survey for this project.

AI undertook traffic counts for four existing signals within the project limits and determined the present level of service for these intersections. Using the possible concept alternative roadway/driveway improvement, AI added a growth factor to existing traffic volumes and performed a capacity analysis for these options. As a result of the analysis, AI recommended one of the options to the client. As a result of the changes to the driveway location, AI prepared revisions to the parking areas affected by the driveway relocation. Additionally, AI is coordinating with other consultants presently preparing plans for helicopter museum at this facility.

AI is designing all the utilities and storm water system for this building. AI is coordinating the design of the various consultants with the Town of Stratford Planning and Zoning Commission and the Wetland Commission. AI will prepare the State Traffic Commission Permit for driveway relocation and museum projects upon approval by the Town commissions.

Salient Features

- Traffic counts and Study for STC Permit.
- RT110/South Gate intersection redesign.
- Signal Design
- Storm Water Management Plan
- Utility Design
- Parking Area redesign
- Permitting