

New Haven Fueling Yard New Haven, CT

Project Description:

Location

New Haven, CT

Owner

ConnDOT

Completion

2007

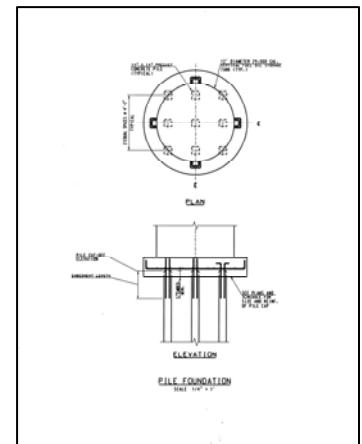
Construction Cost

\$20 million

AI Engineers, Inc. was a primary subconsultant to STV, Inc. and provided structural engineering services for three components of this New Haven Rail Yard facility project. The first was a 100' x 40' maintenance building for locomotives. This building consists of a pre-engineered enclosure supported on a precast pile foundation with grade beams and a supported floor slab.

The second design component was an off-loading canopy for fuel trucks. This was also a pre-engineered structure, for which AI provided isolated piers on spread footings to support the canopy columns, and a slab on grade. This off ramp serves to load and unload fuel for the rail road yard.

The third design component consisted of pile foundations for three 29,000 gallon capacity vertical fuel oil storage tanks.



Salient Features

- Structural Engineering Design Services
- Inspection Services
- Construction Survey for Verification
- Daily Inspection Report
- Daily Quality Completion Calculations

