



# NJ Department of Transportation Engineer or Record for ESIP

## PROJECT INFORMATION

### CONCORD DIVISION

Commercial

### PROJECT LOCATION

Ewing, NJ

### MARKET

Governmental

### SERVICES

Engineer of Record

### CONSTRUCTION COST

\$16.6 Million

## ABOUT THE CLIENT

The NJDOT is the agency responsible for transportation issues and policy in NJ, such as maintaining and operating the State's highway & public road system, planning and developing transportation policy and assisting with rail, freight and intermodal transportation issues.

## REFERENCE

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## PROJECT SUMMARY

Concord Engineering is Engineer of Record for multiple energy efficiency measures implemented across the NJDOT Main Headquarters campus in Ewing, NJ. Measures included decentralization of the existing central steam plant and the installation of new individual boiler plants throughout the campus buildings. Additionally, HVAC upgrades were engineered for the respective facilities where applicable. The Fernwood Buildings which consist of different styles of warehouse and mechanic areas received heating and ventilation upgrades to high-efficiency, gas-fired systems. A complete campus-wide DDC system was installed as part of the project. Additional electrical modifications were made to each building in order to accept the installation of the new high-efficiency HVAC equipment. Extension of the existing natural gas distribution system for the entire campus was designed in order to accommodate the new natural gas-fired equipment.