



Project Profile

Client:
 University of Delaware

Design Professional:
 Delaware Engineering & Design Corp

Location:
 Newark, DE

Delivery Method:
 Construction Management

Key Challenges:

- The demolition and replacement of high-voltage electrical wiring and utility equipment on a tight schedule while adhering to strict safety standards and procedures.

Chrysler Assembly Plant Utilities Separation

The Chrysler Plant Utilities Separation project included the separation of the existing utilities that fed the Administrative Building of the existing Chrysler Plant from the Power House to allow demolition of the Plant's buildings. Specific construction included the:

- Installation of a new 8" diameter gas main from RT. 896 to service the Building Mechanical equipment.
- Installation of new primary electrical service including a new Main Distribution Panel and re-feeding the existing electrical panels in the building.
- Disconnection and relocation of existing Air Handling Units (AHU), condensers and chiller from the plant roof and install on the Administrative building roof.
- Installation of new structural steel to support AHU's, condensers, & chiller
- Installation of new ductwork, framing and insulation.
- Installation new gas piping to re-feed existing Heaters and AHU's
- Performance of Preventative Maintenance & Servicing the relocated AHU's
- Relocation of all AHU controls & Life Safety devices
- Installation of new electrical poles and cabling to re-feed the Guard / Security Building
- Demolition of all obsolete mechanical equipment form the Mechanical Room (formally feed from the power house)
- Infill of exterior wall openings from mechanical equipment to support installation of new MEP services