

Middletown \ Norwalk Transmission Line Project
CSC Monthly Construction Report
UI Segment 3 and Singer Substation
November 2007

UNDERGROUND

115kV Interconnections

Excavation and installation of the 115kV duct bank along Ferry Access Road in Bridgeport has stopped due to encountering high levels of PCB. The Remediation Action Plan (RAP) for the PCB remediation has been submitted and approved by DEP & EPA. We are currently generating a RFP for a remediation contractor. Once a remediation contractor is awarded, we will coordinate the PCB remediation and construction sequencing between UI and CDOT. The installation of the duct bank on Main Street portion has been completed on December 7, 2007. Approximately 30' of 115KV ductbank will be installed on Ferry Access and will continue during the month of December. To date, 2,565 of the 3,290 total footage (77% complete) of the 115kV duct bank has been completed.

345kV Duct Bank

At various locations in Bridgeport and Stratford, the excavation and installation of the 345kV duct bank has commenced. To date, 21,216 feet of the 29,568 total footage (72% complete) of the 345kV duct bank has been completed. This process will continue during the month of December.

The process of connecting the splice chambers and the new duct lines are called tie-ins. To date, 72% (26 out of 36) have been completed and will continue during the month of December.

To date, four complete conduit duct run between two splice chambers have been proofed and ready to accept 345KV cable (4 of 18, 22%) and will continue during the month of December.

WATERCOURSE AND RAILROAD CROSSINGS IN UNDERGROUND SEGMENTS

All jack and bores are completed and the installation of the duct lines are being tied in and this process will continue during the month of December.



Metro North Jack and Bore in Stratford

SUBSTATION

Singer Substation

Installation of the 345kV GIS equipment within the GIS enclosure continued during November. Installation of the protection and control relay panels and GIS control cabinets continued in November and will continue for the next several months. Installation of the 345kV auto-transformer and shunt reactor accessories commenced in November and will continue over the next few months. Two of the five shunt reactors were filled with dielectric fluid, the remainder of the auto-transformers and shunt will be filled over the next few months.



Singer Substation 345kV GIS Installation



345kV Auto Transformer Installation

Pequonnock

Two scheduled buss outages were completed in November, this enabled crews to install structural steel to the existing framework. Disconnect switches and stand-off bushings were installed on the structural steel and will continue over the next few months.



Structural Steel installation - "50 Bay"

Bridgeport Energy

No civil or electrical construction occurred during November.