

Middletown \ Norwalk Transmission Line Project
CSC Monthly Construction Report
UI Segment 3 and Singer Substation
September 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) and PCB Field Sampling Plan were finalized and submitted to DEP & EPA for review and approval. Once the RAP is approved by DEP and EPA, remediation sequencing and construction coordination between UI and CDOT will be necessary. The installation of the duct bank on Main Street portion has re-commenced and will continue during the month of October. To date, 2,020 of the 3,290 total footage (61.4% 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, 16,000 feet of the 29,568 total footage (54.1% complete) of the 345kV duct bank has been completed. This process will continue during the month of October.



HDD HDPE conduit being tied into SC-3A



Fiber Optic Splice chamber with associated 4" PVC Conduit @ SC-14

Watercourse and Railroad Crossings in Underground Segments

Jack & Bore Hobas casing being installed @ Yellow Mill

On Barnum Avenue, east of Seaview Avenue, the jack and bore jack process at Yellow Mill Creek has been completed. Currently, the installation of sheathing is being installed to tie in the duct bank to the jack and bore conduits. This work will continue during the month of October.

Jack & Bore casing / PVC pipe being installed @ Bruce Brook

On Barnum Avenue, at the corner of Sage Avenue, the jack and bore jack process at Bruce Brook is completed and crews have demobilized.

Jack & Bore casing / PVC pipe being installed @ Long Brook

On Barnum Avenue just east of Main Street in Stratford, the jack and bore jack process at Long Brook has been completed and removal of the entrance and exit pits sheathing is underway. This work will continue during the month of October.

Jack & Bore casing / PVC pipe being installed @ Metro North Railroad

The jack and bore process at the Metro North Railroad in Stratford is completed with exception of installing the PVC. This work will continue during the month of October.



Completed J&B 60" HOBAS pipe under Metro North Railroad tracks behind Barnum Avenue Substation

SUBSTATION

Singer Substation

Installation of the 345kV GIS equipment within the GIS enclosure continued during September. The transformer and reactor foundations were completed in the rear of the yard. The installation of the pre-cast firewalls commenced and will be completed in early October. Relay panels and GIS control cabinets were delivered to the site, installation will begin in October and continue for the next several months. Two of the three 345kV auto-transformers were delivered to the site and placed on the foundations. Three shunt reactors were delivered to the site, one was placed on the foundation, the remaining will be installed in early October upon completion of the firewalls.



Delivery of the 345kV Auto-transformers to the Singer Site

Pequonnock

Civil construction of the foundations for the “50” bay addition at Pequonnock commenced. Civil construction will continue through October in preparation for the installation of structural steel and associated electrical equipment.

Bridgeport Energy

Civil construction for the 115kV interconnection at Bridgeport Energy commenced. Civil construction will continue through October in preparation for the installation of structural steel and associated electrical equipment.