

Docket No. 424 – Development and Management Plan Inspection

The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the Connecticut portion of the Interstate Reliability Project.

IRP Overhead ROW

Interim Week Inspection:

Date: October 1, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 0.24” on 10/01/14

Locations Inspected (by Town, Map Sheet, and Structure Number/Site – reference Feb., 2014 D&M Plans):

Card Street Substation, Lebanon CT (CSSS)
Lebanon, CT: MS 1 of 66 (Str. 1-6)
Coventry, CT: MS 5-7 of 66 (Str. 23-34)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)
Pomfret, CT: MS 44-47 (Str. 224-239)

Work Observed: (by Map Sheet and Structure Number / Site)

CSSS: Excavation for lightning mast foundation inside station.

MS1, Str 1-3: Conductor pull operations.

MS7, Str 36: Installing cross braces.

MS11, Str 59: Drilling operations.

MS19, Str 97-100: Stripping gravel and fill from pad, restoration and reclamation of Str pad 100, seeding and spreading of hay on exposed soil. (Photo 1 & 2)

MS37, Str 194: Excavating material, hammering rock, rough grading and pad installation.

MS39, Str 203-204: Grading of Str pad 203, delivery of construction materials, cleaning of wetland mats up-line of Str 203. (Photo 4)

MS40, Str 208: Delivery of wetland mats, mowing and clearing operations.

MS42, Str 203-215: Clearing operations.

MS44, Str 221: Grading and compacting of Str pad 221.

MS45, Str 227-230: Stripping and stockpiling topsoil in agricultural area. Rough grading of pads and access road up-line of Str 227, delivery of construction materials.

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: October 8, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 0.05” on 10/08/14

Locations Inspected (by Town, Map Sheet, and Structure Number/Site – reference Feb., 2014 D&M Plans):

Card Street Substation, Lebanon CT (CSSS)
Coventry, CT: MS 6-7 of 66 (Str. 25-34)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)
Pomfret, CT: MS 44-47 (Str. 224-239)

Work Observed: (by Map Sheet and Structure Number / Site)

CSSS: Lightning mast installation inside station.

MS6, Str 28: Preparation for pulling operations.

MS9, Str 49: Drilling operations.

MS13, Str 69-70: Installation of solar panels for FAA requirements.

MS15, Str 79: Installing conductor arms on Str 79.

MS18, Str 95-96: Stripping gravel and fill from pad and access road, restoration and reclamation, seeding and spreading of hay on exposed topsoil.(Photo 7 & 8)

MS21, Str 113: Drilling operations.

MS23, Str 121: Staging for drilling operations.

MS35, Str 182-186: Grading of Str pad.

MS38, Str 196: Compacting/rolling of Str pad.

MS39, Str 202-204: hammering rock and installation of pad at Str 204, grading and rolling of Str pad 202.

MS40, Str 206-207: Installation of access road with wetland mats.

MS42, Str 213-214: Delivery of construction materials, pad installation and chipping at Str 213.

MS45, Str 230: Grading of pad.

MS47, Str 237-239: Clearing operations.

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (10/1)	Adjacent roadways clear and free of sediment at all visited sites.	Continue to follow this procedure.	NA
	Bi-Week (10/8)	Adjacent roadways clear and free of sediment at all visited sites.	Continue to follow this procedure.	NA
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week (10/1)	Project clearing observed during inspection appears to be in accordance with D & M plans. Clearing crews utilizing timber mats in wet areas to prevent unnecessary rutting.	NA NA	NA NA
	Bi-Week (10/8)	Project clearing observed during inspection appears to be in accordance with D & M plans. Clearing crews utilizing timber mats in wet areas to prevent unnecessary rutting.	NA NA	NA NA
Water Crossings	Interim Week (10/1)	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.	Continue to follow this procedure.	NA

	Bi-Week (10/8)	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.	Continue to follow this procedure.	NA
Erosion and Sedimentation Controls	Interim Week (10/1)	Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.	Continue to follow this procedure.	NA
		Str 100: Additional silt fence installed, spreading of hay and seeding on exposed topsoil. (Photo 1 & 2)	Continue to follow this procedure.	NA
		Str 179: Observed cleaning of wetland mats up-line of Str 203. (Photo 4)	Continue to follow this procedure.	NA
	Bi-Week (10/8)	Str 202: Observed plunge pool on edge of access road up-line of Str 202. (Photo 3)	Continue to follow this procedure.	NA
	Bi-Week (10/8)	Str 95-96: Additional silt fence installed, spreading of hay and seeding on exposed topsoil. (Photo 7 & 8)	Continue to follow this procedure.	NA
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (10/1)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA
	Bi-Week (10/8)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA

Spills and Material Storage.	Interim Week (10/1)	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
	Bi-Week (10/8)	Spill kits noted on all visited sites. Str 49: Observed Hydraulic fluid spill (less than a gallon) on an upland area. (Photos 5 & 6)	Continue to follow this procedure. NA	NA Tri-state crew immediately contained spill with spill kit materials.
Cultural Resources	Interim Week (10/1)	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA
	Bi-Week (10/8)	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA
Rare, Threatened, and Endangered Species	Interim Week (10/1)	NA	NA	NA
	Bi-Week (10/8)	NA	NA	NA
Additional Documentation Comments: Notes for 10/1/2014: <ul style="list-style-type: none"> • CSSS: Non-project related work inside station. • Drilling operations ongoing at Str 59. 				

- Non-project related work between Str 59 & 60: Storm Hardening.
- Str 97-100: Construction pad 100 and down-line access road and pads have been removed, restored and stabilized with straw mulch to their original, pre-construction grades and slopes. (Photo 1 & 2)
- Str pads restored to their original grades and slopes: Str 84-87, 97-100, and 269-270.

Notes for 10/8/2014:

- CSSS: Non-project related work inside station.
- Drilling operations ongoing at Str 49, Str 113, and Str 121.
- Str 95-96: Access road and pads have been removed, restored and stabilized with straw mulch to their original, pre-construction grades and slopes. (Photos 7 & 8)
- Str pads restored to their original grades and slopes: Str 84-87, 95-100, and 269-270.

Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection:

October 17, 2014

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Independent Field Inspector: John M. Corbo, EIT 10/15/2014

Owner's Field Inspector: _____

Reviewer: Paul Knapik 10/28/2014



Photo #1: Hay spread over restored topsoil up-line of Str 97. (10/1)



Photo #2: Spreading of hay and seed on exposed topsoil up-line of Str 99. (10/1)



Photo #3: Plunge pool on edge of access road up-line of Str 202. (10/1)



Photo #4: Cleaning of wetland mats up-line of Str 203. (10/1)



Photo #5: Tri-state crew containing hydraulic fluid spill at Str 49.



Photo #6: Hydraulic fluid spill contained with plastic and diaper dams at Str 49.



Photo #7: Hay spread over restored topsoil down-line of Str 96.



Photo #8: Spreading of hay over exposed topsoil and removal of fill up-line of Str 95.



Photo #9: Striping of agricultural topsoil and installation of filter fabric at Str 227. (10/1)



Photo #10: Connecting wetland mats with yellow rope in 100 year flood plain area between Str 206-207.