

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: September 17, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 0.04” on 9/16/14

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)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Brooklyn, CT: MS 31-44 of 66 (Str. 161-223)

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

CSSS: Non-project related work inside station.

MS7, Str 38: Installing structure poles.

MS8, Str 39: Drilling operations.

MS11, Str 59: Non-project related work (Storm hardening).

MS12, Str 65: Installation of cross braces on Str 65.

MS13, Str 68: Drilling operations, setting direct embed structures and backfilling.

MS15, Str 82: Installation of Str 82.

MS16, Str 84-85: Restoration and reclamation of Str pad 84 & 85 and access road, seeding and spreading of hay on exposed soil. (Photo 1 & 2)

MS34, Str 174 & 178: Installation of construction pad, delivery of construction materials at Str pad 174, rough grading of Str pad 178.

MS35, Str 179-181: Hammering of rock at Str 181.

MS37, Str 190: Clearing operations.

MS38, Str 199: Clearing operations.

MS39, Str 201-202: Delivery of construction materials, construction and compaction of access road, clearing operations at Str 202.

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: September 24, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 0.49” on 9/21/14

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)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)

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

CSSS: Excavation for lightning mast foundation inside station.

MS7, Str 36: Drilling operations.

MS8, Str 39: Pouring concrete foundation for Str 39.

MS14, Str 72: Non-project related work (Storm hardening).

MS15, Str 9079-9080: Installing spacers on conductor between Str 9079 and 9080.

MS17, Str 88: Reclamation and restoration of Str pad 88, seeding and spreading of hay on exposed soil. (Photo 7 & 8)

MS32, Str 166: Drilling operations.

MS37, Str 191: Installation of Str pad 191.

MS38, Str 199: Grading of access road and installation of plunge pool.

MS39, Str 201-203: Chipping brush into truck and down slope for stabilization, clearing up-line of Str 201, installation of access road up-line of Str 202.

MS44, Str 220-222: Stripping and stockpiling topsoil in agricultural area. Rough grading of pads and grading of access road up-line of Str 221. Installation of plunge pool east of Str 222.

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (9/17)	Adjacent roadways clear and free of sediment at all visited sites.	Continue to follow this procedure.	NA
	Bi-Week (9/24)	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 (9/17)	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 (9/24)	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 (9/17)	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 (9/24)	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 (9/17)	<p>Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.</p> <p>Str 84-85: Additional silt fence installed, spreading of hay and seeding on exposed topsoil. (Photo 1 & 2)</p> <p>Str 171-172: Gap in silt fence on edge of access road between Structures 171 and 172. (Photo 3 & 4)</p> <p>Str 179: Observed armored waterbar and plunge pool at entrance to Str 179. (Photo 5)</p>	<p>Continue to follow this procedure.</p> <p>Continue to follow this procedure.</p> <p>NA</p> <p>Continue to follow this procedure.</p>	<p>NA</p> <p>NA</p> <p>Northern crew immediately repaired gap in silt fence.</p> <p>NA</p>
	Bi-Week (9/24)	<p>Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.</p> <p>Str 87-88: Spreading of hay and seeding on exposed topsoil. (Photo 7 & 8)</p> <p>Str 199: Observed plunge pool at entrance to Str 199. (Photo 6)</p> <p>Str 201: Chipping brush down slope as a stabilization measure. (Photo 9)</p> <p>Str 222: Observed silt fence damaged by falling boulder. (Photo 11 & 12)</p>	<p>Continue to follow this procedure.</p> <p>NA</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>Northern crew immediately repaired damaged silt fence.</p>
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (9/17)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA

	Bi-Week (9/24)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA
Spills and Material Storage.	Interim Week (9/17)	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
	Bi-Week (9/24)	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
Cultural Resources	Interim Week (9/17)	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 (9/24)	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material up-line of Str 202. (Photo 10)	NA	NA
Rare, Threatened, and Endangered Species	Interim Week (9/17)	NA	NA	NA

	Bi-Week (9/24)	NA	NA	NA
<p>Additional Documentation Comments:</p> <p>Notes for 9/17/2014:</p> <ul style="list-style-type: none"> • CSSS: Non-project related work going on inside station. • Drilling operations ongoing at Str 39. • Non-project related work going on at Str 59. • Str 84-85: Construction pad 85 and access road down-line of it has been removed, restored and stabilized with hay back to their pre-construction grades and slopes. (Photo 1 & 2) <p>Notes for 9/24/2014:</p> <ul style="list-style-type: none"> • CSSS: Excavation for lightning mast inside station and non-project related work taking place inside station. • Drilling operations ongoing at Str 36 and Str 166. • Non-project related work ongoing at Str 72. • Str 87-88: Construction pad 87, 88 and the access road up-line of 87 have been removed, restored and stabilized with hay back to their pre-construction grades and slopes. (Photo 7 & 8) 				
<p>Open Items from previous inspections:</p> <p>Closed Items from previous inspections:</p>				

Next likely scheduled inspection: October 1, 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 9/25/2014*

Owner's Field Inspector: _____

Reviewer: *Paul Kupik 10/6/2014*



Photo #1: Additional silt fence installed on edge of access road up-line of Str 84. (9/17)



Photo #2: Spreading of hay and seed on exposed topsoil up-line of Str 84. (9/17)



Photo #3: Gap in silt fence on edge of access road between Str 171 & 172. (9/17)



Photo #4: Repaired gap in silt fence on edge of access road between Str 171 & 172. (9/17)



Photo #5: Armored waterbar leading to plunge pool at entrance of Str 179. (9/17)



Photo #6: Observed plunge pool at entrance to Str 199.



Photo #7: Striping gravel and fill from Str pad 88.



Photo #8: Spreading of hay and seed on exposed topsoil up-line of Str 87.



Photo #9: Chipping brush down-slope for stabilization measures up-line of Str 201.



Photo #10: Pad in cultural area installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material up-line of Str 202.



Photo #11: Observed damaged silt fence at Str 222.



Photo #12: Northern crew repaired and stabilized damaged silt fence at Str 222 immediately.