

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: May 14, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 0.4” on May 10th & 11th, 2014

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

Card Street Substation, Lebanon CT (CSSS)
Columbia, CT: MS 2-5 of 66 (Str. 7-24)
Coventry, CT: MS 6-7 of 66 (Str. 25-34)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Hampton, CT: MS 24-31 of 66 (Str. 124-161)
Killingly, CT: MS 52-54 (Str. 262-272)
Killingly Substation, Killingly, CT (KS): MS 54

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

MS4, Str 17-22: Delivery of construction materials, grading of access road at Str 18. Hammering ledge with excavator at Str 22.

MS6, Str 27-32: Rough grading of pad with excavator at Str 28, grading of access road and pad at Str 29, rough grading of Str pad 31.

MS8, Str 39-45: Mowing up-line of Str 39, chipping up-line of Str 43, tree clearing with feller/buncher at Str 45.

MS11 Str 56-62: Delivery of construction materials, grading of access road at Str 57.

MS25 Str 129-133: Mowing up-line of Str 130.

MS54, Str 269-270: Drilling operations

MS53, Str 265-267: Drilling operations

IRP Overhead ROW

Bi-Weekly Inspection:

Date: May 23, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 0.24” on May 22, 2014

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)

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

MS7, Str 33-34: Delivery of Construction materials, compacting and grading of access road

MS7, Str 36-37: Removal of stumps, rough grading of access road up-line of Str 36.

MS8, Str 44: Chipping of brush

MS9, Str 45-50: Mowing down-line of Str 47.

MS10, Str 51-55: Stripping topsoil up-line of Str 53, seeding and spreading of straw across exposed topsoil, delivery of construction materials, grading and compacting of access road up-line of Str 53.

MS11, Str 57-60: Clearing with feller/buncher down-line of Str 60.

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (5/14)	Adjacent roadways clear and free of sediment at all other visited sites.	Continue to follow this procedure.	NA
	Bi-Week (5/23)	Adjacent roadways clear and free of sediment at all other visited sites.	Continue to follow this procedure.	NA
Vegetative Clearing Limits (Including trees to save or danger trees noted.)	Interim Week (5/14)	Project clearing observed during inspection appears to be in accordance with D & M plans.	NA	NA
	Bi-Week (5/23)	Project clearing observed during inspection appears to be in accordance with D & M plans. Clearing crews utilizing timber mats in wet areas to minimize soil disturbance.	NA Continue to follow this procedure.	NA NA
Water Crossings	Interim Week (5/14)	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 (5/23)	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 (5/14)	CSSS: According to P. Lockwood, the wetland swale south of the substation does not receive a sediment discharge until over an approximate 0.3 inch rain event. Therefore, the swale does not receive discharge the majority of the time. CL&P and Burns and McDonnell continues to investigate a solution. Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.	NA Continue to follow this procedure.	NA NA
	Bi-Week (5/23)	Noted stone filled water bars and plunge pools on access road up-line of Str 55. (Photo 7)	NA	NA
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (5/14)	CSSS: Wetland buffer signs being installed in the vicinity of the wetlands around the southwestern and northern sides of the fence line. Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure. Continue to follow this procedure.	NA NA
	Bi-Week (5/23)	Mat installations in wetland areas are in accordance with the BMP Manual. (Photo 7)	Continue to follow this procedure.	NA

Spills and Material Storage.	Interim Week (5/14)	Spill kits noted on all visited sites. Contractor implementing concrete wash out areas down-line from Killingly Substation and adjacent to the Lake Road Switching Station for foundation concrete pours. (Photo 8)	Continue to follow this procedure. Continue to follow this procedure.	NA
	Bi-Week (5/23)	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
Cultural Resources	Interim Week (5/14)	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 (5/23)	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 (5/14)	NA	NA	NA
	Bi-Week (5/23)	NA	NA	NA
Additional Documentation Comments: Notes for 5/14/2014: <ul style="list-style-type: none"> • CSSS: Observed protected wetland or buffer area signage being installed.(Photo 2) • Drilling operations ongoing at Str 265, 267, 269, and 270. 				

Notes for 5/23/2014:

- **CSSS:** P. Lockwood indicated that new stone was placed inside the substation at the southwest corner. (Photo 3)
- Drilling operations ongoing at Str 1.
- Access roadway in the vicinity of Str 53 and 54 in agricultural farmland area being installed with filter fabric barrier in accordance with D & M detail sheets. (Photo 6)

Open Items:

1. CL&P and Burns and McDonnell continue to evaluate short and long-term solutions to resolve sediment discharge into wetland swale at Card Street Substation during heavy rain events.

Closed Items:

- ~~1. Recommend additional silt fence installation adjacent to Str 5 to further protect wetland area.~~

Next likely scheduled inspection:

May 28, 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 5/23/2014

Owner's Field Inspector: _____

Reviewer: Paul Knapik 6/2/2014



Photo #1: View of entrance pad at CSSS.



Photo #2: (5/14) View of protected wetland/buffer signage at CSSS.



Photo #3: Area where new stone that was placed at CSSS.



Photo #4: Photo of erosion control measures down-line of Str 43.



Photo #5: (5/14) Erosion control measures down-line of Str 29.



Photo #6: Access road in agricultural farmland area being installed with filter fabric barrier up-line of Str 53.



Photo #7: Erosion control measures on access road up-line of Str 55. Wetland mat installation visible in the background.



Photo #8: (5/14) Concrete wash out area up-line of Str 265.