

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: January 9, 2015

Inspector: Francis J. Vacca, P.E.

Rain Event: 0.9” on 1/3/15 – 1/4/15

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 2-4 of 66 (Str. 7-22)
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)

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

MS3, Str 15: Wetland Mat Removal. (Photo 1, 2)

MS9, Str 49: Wetland Mat Removal. (Photo 3)

MS21, Str 111-125: Preparing for conductor pull operation. (Photo 4, 5)

MS37, Str 193: Drilling Operations. (stopped due to weather)

(at 11:15 am, T. Ramborger indicated that Project work ceased due to weather. At that time, the inspection was halted for safety reasons (due to slippery snow covered roadways.)

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: January 15, 2015

Inspector: Francis J. Vacca, P.E.
Paul Knapik

Rain Event: 0.46” on 1/7/15

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

Thompson, CT MS 63-66 (Str. 319-337)
Putnam, CT: MS 54-63 (Str. 273-318)
Pomfret, CT: MS 44-47 (Str. 224-239)
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)
Hampton, CT: MS 24-31 of 66 (Str. 124-161)
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)

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

MS58, Str 293: Drilling Operation (Photo 7)

MS24, Str 125: Conductor Pulling Operation. (Partial Demobilization) (Photo 11)

MS21, Str 111: Conductor Pulling Operation. (Photo 12)

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (1/9)	T. Ramborger indicated that Contractors have been approved to use minor amounts of sand and salt on snow covered wetland mats. Approval received as per the amended snow removal and de-icing procedures.	NA	NA
	Bi-Week (1/15)	Adjacent roadways clear and free of sediment at all visited sites. Access roads are stable and frozen.		
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week (1/9)	NA	NA	NA
	Bi-Week (1/15)	Mechanical Clearing along I.R.P. ROW is complete. T. Ramborger indicated that selective hand clearing of danger trees along the ROW is taking place. (Not observed during inspection)	NA	NA
Water Crossings	Interim Week (1/9)	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 (1/15)	<p>All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.</p> <p>Wetland fords in vicinity of Str 328 appear to be functioning effectively.</p>	NA	NA
Erosion and Sedimentation Controls	Interim Week (1/9)	<p>Str 64: Silt fence installed following the complete removal of timber mats from area. (Photo 4)</p> <p>The remainder of the Row is Stabilized due to frozen ground and snow cover.</p>	NA	NA
	Bi-Week (1/15)	<p>The ROW is Stabilized due to frozen ground and snow cover.</p> <p>All bare areas have been Stabilized with straw mulch throughout ROW.</p> <p>Str 293: Waterbars and sediment trap functioning in accordance with BMP manual. (see photo 8-9)</p>	Continue to follow this procedure.	NA
	Interim Week (1/9)	<p>Mat installations in wetland areas are in accordance with the BMP Manual.</p> <p>Upon wetland mat removal, crews are removing any foreign or project produced debris from the wetland area.</p>	Continue to follow this procedure.	NA
Inland Wetland and Watercourse encroachment and mitigation	Bi-Week (1/15)	<p>Mat installations in wetland areas functioning in accordance with the BMP Manual.</p>	Continue to follow this procedure.	NA

Spills and Material Storage.	Interim Week (1/9)	Spill kits noted on all visited sites. Str 193: Observed child pool left beneath parked equipment onsite. (Photo 6)	Continue to follow this procedure. Continue to follow this procedure.	NA
	Bi-Week (1/15)	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
Cultural Resources	Interim Week (1/9)	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 (1/15)	Cultural areas contained in accordance with D&M Plans.	Continue to follow this procedure.	NA
Rare, Threatened, and Endangered Species	Interim Week (1/9)	T. Ramborger indicated some Moth host Plant species have been re-flagged for clarity specifically for snow plowing.	NA	NA
	Bi-Week (1/15)	NA	NA	NA

Additional Documentation Comments:

Notes for 1/9/2015:

- CSSS: Perimeter of substation Stable. 3 month permanent stabilization inspection complete on January 12, 2015. BSC to request all inspection at Card Street Substation to be considered complete and final.
- Construction pads for structure assembly and erection that were removed, with their areas restored to original grades and slopes: Str 22, 84-100, and 269-270.

Notes for 1/15/2015:

- Structure Lay down area off Hartford Road in Pomfret CT appears to be stable. (photo 10)
- Construction pads for structure assembly and erection that were removed, with their areas restored to original grades and slopes: Str 22, 84-100, and 269-270.

Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection: January 22, 2015

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:  1/15/2015

Owner's Field Inspector: _____

Reviewer: Paul Knapik 1/19/2015



Photo #1: Timber Mat removal in the vicinity of Str 15. (1/9)



Photo #2: Wetland Mat Removal at Str 15.



Photo #3: Wetland Timber Mats removed and silt fence installed at Str 49. (1/9)



Photo #4: Line Crews preparing for conductor pull from Str 111-125 (Str 111 in view). (1/9)



Photo #5: Spill kit visible onsite. (1/9)



Photo #6: Child Pool containment under equipment on pad 193. (1/9)



Photo #7: Drilling Operation for Str 293 (1/15)



Photo #8: Waterbar installed across corner of pad upslope of wetland W20-188 entrance. (1/15)



Photo #9: Sediment trap installed in accordance with BMP Manual and appears to be functioning correctly. (1/15)



Photo #10: Pomfret lay down are appears stable and contained. (1/15)



Photo #11: Str 124 pulling area. (1/15)



Photo #12: Newly pulled conductor installed to dead-end Str 111. (1/15)