

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: April 2, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 4.08” on March 30, 2014

Location (reference February 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)
Chaplin, CT: MS 18-23 of 66 (Str. 98-123)
Lake Road Junction/Switching Station: MS 53 (Str. 263-270)
Killingly, CT: MS 52-54 (Str. 262-272)
Killingly Substation, Killingly, CT: MS 54

Work Observed

MS1, Str 1-3: Rough grading of pads

MS15, Str 83: Removal of stumps and rough grading up-line of Str 83.

MS11, Str 57-62: Mowing

MS16-7, Str 87-88: Delivery of construction materials, grading and compacting. Installing silt fence.

MS18-19, Str 97-101: Feller/Buncher tree clearing down-line of Str 88, chipping brush into truck up-line of Str 101.

MS54, Str 272-273: stabilizing slope with rocks, moving and stacking of wetland mats to gain access to Str 272.

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: April 10, 2014

Inspector: Francis J. Vacca, P.E.

Rain Event: None

Location (reference February 2014 D&M Plans):

Card Street Substation, Lebanon CT (CSSS)
Columbia, CT: MS 2-5 of 66 (Str. 7-24)
Lebanon, CT: MS 1 of 66 (Str. 1-6)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)
Killingly, CT: MS 52-54 (Str. 262-272)
Killingly Substation, Killingly, CT: MS 54

Work Observed

CSSS: Delivery of Materials for future work

MS1, Str 3: Timber clearing and preparation of pad 3.

MS2, Str 10: Vegetation clearing and brush chipping into trucks to remove from ROW.

MS16, Str 85: Installation of Pad 85 over cultural Area.

MS17, Str 89-91: Road Construction, tree pruning, and temporary mat clearing.

KS: Excavation work within substation perimeter.

MS54, Str 272: Preparation to begin drilling for structure installation.

Areas of Inspection	Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	<p>Interim Week (4/2)</p> <p>CSSS: Tracking pad is not installed.</p> <p>Adjacent roadways clear and free of sediment at all other visited sites</p>	<p>Install tracking pad as soon as possible.</p> <p>Continue to follow this procedure.</p>	<p>NA</p> <p>NA</p>
	<p>Bi-Week (4/10)</p> <p>CSSS: Tracking pad is not installed.</p> <p>Roadway construction in accordance with BMP Manual and D &M Plans</p> <p>Adjacent roadways clear and free of sediment at all other visited sites</p> <p>There appears to be a significant amount of fines in the access road material. (see photo #2)</p> <p>Contractors taking care to not damage paved roadways while loading and unloading equipment.</p>	<p>Install tracking pad as soon as possible.</p> <p>Continue to follow this procedure.</p> <p>NA</p> <p>E.I. should monitor condition of access roads, especially after heavy rains and/or significant vehicular usage to ensure surface of road does not significantly rut, cause undue tracking on adjacent paved roads, or begin to migrate off the access road as sedimentation.</p> <p>Continue to follow this procedure.</p>	<p>NA</p> <p>NA</p> <p>NA</p>
Vegetative Clearing Limits (Including trees to save or danger trees noted.	<p>Interim Week 4/24/2)</p> <p>Str 97-101: Clearing appears to be in accordance with D&M requirements</p>	<p>NA</p>	<p>NA</p>

	Bi-Week (4/10)	Project clearing appears to be in accordance with D and M plans.	NA	NA
Water Crossings	Interim Week (4/2)	NA	NA	NA
	Bi-Week (4/10)	<p>Access to ROW from Card Street: Noted temporary wetland mat crossing over wetland W20-1. Crossing appears in accordance with BMP Manual.</p> <p>Str 71: Noted location of permanent culvert replacement up-line of Str 71.</p> <p>Str 91: Temporary wetland mat crossing over stream S20-20 appears to be in accordance with D and M Plans and BMP Manual.</p> <p>Str 92: Temporary wetland mat crossing over stream S20-20 appears to be in accordance with D and M Plans and BMP Manual</p>	<p>NA</p> <p>Continue to follow this procedure.</p> <p>Continue to follow this procedure.</p>	<p>NA</p> <p>NA</p> <p>NA</p>
	Interim Week (4/2)	<p>CSSS: Substation yard stable. No discharge from site apparent at this time.</p> <p>Str 87: Gap in silt fence</p> <p>All visited Sites appear stable in accordance with D&M requirements.</p>	<p>NA</p> <p>Repair silt fence</p> <p>NA</p>	<p>NA</p> <p>Gap in fence was fixed that day.</p> <p>NA</p>

	Bi-Week (4/10)	All stabilization measures appear in accordance with the BMP Manual and the D&M Plans. KS: Straw wattles have been installed adjacent to the excavation work within the substation.	Continue to follow this procedure. NA	NA NA
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (4/2)	All wetland crossings appear in accordance with BMP Manual and D&M Plans.	NA	NA
	Bi-Week (4/10)	All wetland crossings appear in accordance with BMP Manual and D&M Plans.		
Spills and Material Storage.	Interim Week (4/2)	Spill kits noted on all visited Sites.	Continue to follow this procedure.	NA
	Bi-Week (4/10)	Spill kits noted on all visited Sites.	Continue to follow this procedure.	NA
Cultural Resources	Interim Week (4/2)	Areas of Cultural significance were cleared in accordance with D&M requirements.	Continue to follow this procedure.	NA

	Bi-Week (4/10)	Str 85: Contractors taking care installing filter fabric and buffer sand over area of cultural significance.	Continue to follow this procedure.	NA
Rare, Threatened, and Endangered Species	Interim Week (4/2)	Exclusion fence down/damaged in two (2) areas at Boston Post Road Laydown area.	Repair fence	NA
	Bi-Week (4/10)	NA	NA	NA
Additional Documentation Comments: Notes for 4/10/2014: <ul style="list-style-type: none"> Drill crews are preparing to commence drilling for structure 272 up-line of killingly substation. 				
Open Items: <ol style="list-style-type: none"> Card Street sub-station anti-tracking pad 				
Closed Items:				

Next likely scheduled inspection: April 18, 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:  4/10/14

Owner's Field Inspector: 

Reviewer: _____

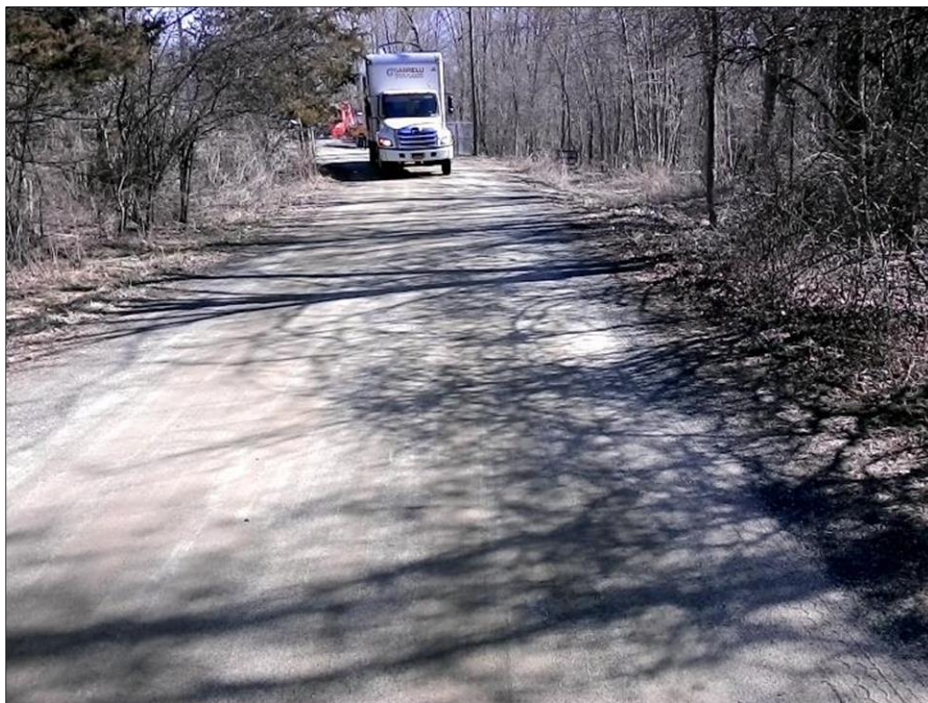


Photo #1: Entrance at Card Street Substation. Tracking Pad should be installed as soon as possible.



Photo #2: View (up-line toward str 3) of fine material along the top surface of the access road.



Photo #3: (Up-line) Construction of Pad 3.



Photo #4: (Up-line) of tree clearing activities.



Photo #5: (South of ROW on access from Card Street) View of temporary wetland crossing.



Photo #6: (down-line , right) View into mown area for pad 72.



Photo #7: (Up-line) of temporary crossing over existing culvert set to be replaced during project.



Photo #8: (up-line, right of str 71) View of existing ROW access road set to be replaced due to multiple years of erosion.



Photo #9: View of installation of filter fabric and buffer sand at pad 85 over area of cultural significance.

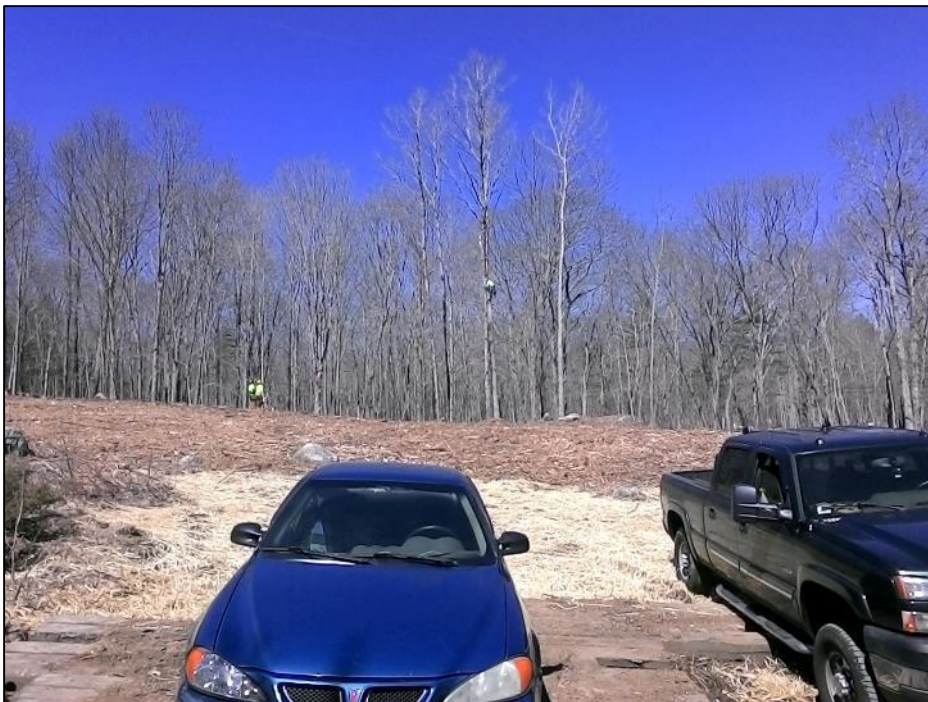


Photo #10: (up-line, left of str 90) View of tree pruning activities.



Photo #11: View of Str 91pad under construction.



Photo #12: (up-line of str 91) Temporary mat crossing over S20-20



Photo #13: (down-line) temporary mat crossing over S20-21



Photo #14: (up-line of 272) preparation of commencement of drilling operations.



Photo #15: View facing down-line into KS of excavation activities. Straw wattles installed at edge of excavation visible at back center of photo.