

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: March 5, 2014

Inspector: Francis J. Vacca, P.E.

Rain Event: None

Location (reference February, 2014 D&M Plans):

Card Street Substation, Lebanon CT (CSSS)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Killingly Substation, Killingly, CT

Work Observed

CSSS: Delivery of construction materials for future work.

MS15, Str 82: Feller/Buncher tree clearing up-station of S82. Forwarder brush removal to Pad 82.

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: March 12, 2014

Inspector: Francis J. Vacca, P.E.

Rain Event: None

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)
Killingly, CT: MS 47-50 (Str. 240-255)
Lake Road Junction/Switching Station: MS 52-54 (Str. 262-272)

Work Observed

CSSS: Delivery of construction materials for future work.

MS1, Str 1-5: Mowing of ROW and Pad Areas

MS15, Str 83-86: Mowing of ROW and Pad Areas in the vicinity of Str 85. Removal of timber mats in preparation for forecast rain event this evening. Final hand cutting of remaining trees along edge of ROW.

MS55, Str 263-268: Sub-base grading of pad 266 and 267.

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (3/5)		NA	NA
	Bi-Week (3/12)	<p>CSSS: Tracking pad is not installed.</p> <p>Str 263-268: Entrance road muddy and unstable.</p> <p>Adjacent roadways clear and free of sediment at all other visited sites</p>	<p>NA</p> <p>NA</p> <p>Continue to follow this procedure.</p>	<p>P. Lockwood indicated the tracking pad will be installed prior to the start of construction activity.</p> <p>Northern representative indicated the road will be stabilized with stone ASAP.</p> <p>NA</p>
Vegetative Clearing Limits (Including trees to save or danger trees noted.)	Interim Week (3/5)	Str 82: Clearing appears to be in accordance with D&M requirements	NA	NA
	Bi-Week (3/12)	<p>Str 82-86: P. Lockwood indicated a number of danger trees were identified just outside the Limit of the ROW. USACE was notified and the trees were removed.</p> <p>Clearing at all other sites appears to be in accordance with D&M requirements.</p>	<p>Continue to follow this procedure.</p> <p>NA</p>	<p>NA</p> <p>NA</p>

Water Crossings	Interim Week (3/5)	NA	NA	NA
	Bi-Week (3/12)	Str 5: Identified existing culvert in the vicinity of S5. Northern indicated they would cross the culvert with wetland Mats.	Continue to follow this procedure.	NA
Erosion and Sedimentation Controls	Interim Week (3/5)	CSSS: Substation yard stable. No discharge from site apparent at this time. All visited Sites appear stable in accordance with the D&M requirements.	NA NA	NA NA
	Bi-Week (3/12)	CSSS: Substation yard stable. No discharge from site apparent at this time. Str 82-86: There is an extensive amount of rutting due to Forwarder operations along the ROW up-gradient of Mansfield Hollow Reservoir. All other visited areas stabilized in accordance with D&M Requirements.	NA Recommend all rutted and bare areas be stabilized prior to forecast rain event. NA	NA The Area was Stabilized. (see attached Photo sent at the end of the work day by P. Lockwood.) NA
	Interim Week (3/5)	Str 81-82: Wetland mats have been installed in the designated 100-yr floodplain in accordance with the BMP Manual.	Continue to follow this procedure.	NA
Inland Wetland and Watercourse encroachment and mitigation	Bi-Week (3/12)	Str 262: Northern representative indicated that they refrained from installing access road down to the wetland area to prevent sedimentation by the forecast rain event.	Continue to follow this procedure.	NA

Spills and Material Storage.	Interim Week (3/5)	Spill kits noted on all visited Sites.	Continue to follow this procedure.	NA
	Bi-Week (3/12)	Spill kits noted on all visited Sites.	Continue to follow this procedure.	NA
Cultural Resources	Interim Week (3/5)		NA	NA
	Bi-Week (3/12)	Str 86: Areas of Cultural significance were cleared in accordance with D&M requirements. See Photo.	Continue to follow this procedure.	NA
Rare, Threatened, and Endangered Species	Interim Week (3/5)	NA	Continue to follow this procedure.	NA
	Bi-Week (3/12)	Str 271-272: T&E host plant colonies identified and avoided if possible.	Continue to follow this procedure.	NA

Additional Documentation Comments:

Notes for 3/5/2014

- Burns and McDonnell project forester Tom Degan indicated that the USACE and CT DEEP requested all timber cut in the vicinity of structures 82-85 to be placed to the northeast of the wetland mats down-line from structure 82, just outside the ROW.

Notes for 3/12/2014

- At the request of CT DEEP, select trees adjacent to Mansfield Hollow Lake were dropped into the lake to create Bass habitat. P. Lockwood indicated there are a few trees on the opposite side of the lake crossing that will also be dropped to create habitat. See photo.

Next likely scheduled inspection:

March 19, 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:

Juanis J. Vaeco 3/12/14

Owner's Field Inspector:

Reviewer:

Paul Knapik 3/14/14



Photo #1: Condition of access road to Card Street Substation.



Photo #2: Delivery of Materials for future Construction.



Photo #3: View facing Pads 1 and 2 from access road.



Photo #4: View of wetland Mats up-line of Bassett's Bridge Rd. installed in the 100-yr flood plain.



Photo #5: Timber stacked per the request of USACE and CT DEEP.



Photo #6: View up-line toward Str 84 showing wetland mat removal and mowing activities.



Photo #7: View up-line of tree drops in Mansfield Hollow Lake at the request of CT DEEP. (There will be additional drops on the opposite side of the Lake).



Photo #8: View down-line of disturbed area of concern prior to forecast rain event.



Photo #9: View down-line of mowed area in the vicinity of Str 272. Killingly Substation visible in background.



Photo #10: View down-line of mowed area for access road along the side of Killingly Substation.



Photo #11: View of grading for construction pad for Str 266 and Str 267.



Photo #12: View facing north of spur over to Str 263. To protect wetland from sedimentation, Northern did not proceed beyond this point.



Photo #13: View of disturbed area of concern between Str 83 and Str 84, stabilized prior to rain event.
(Photo received from P. Lockwood.)