

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 19, 2015

Inspector: Matt Stephan, E.I.T.

Rain Event: 0.88” On 3/14/15

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

Hampton, CT: MS 24-31 of 66 (Str. 124-161)
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)
Killingly Substation, Killingly, CT (KS): MS 54
Putnam, CT: MS 54-63 (Str. 273-318)
Thompson, CT MS 63-66 (Str. 319-337)

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

MS24, Str 124: Conductor stringing operations. (Photo 1)

MS27, Str 142: Conductor stringing operations.

MS42, Str 215: Structure Erection. (Photo 2)

MS66, Str 337: Drilling Operations. (Photo 3)

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: March 25, 2015

Inspector: Matt Stephan, E.I.T.
Francis J. Vacca, P.E.

Rain Event: None

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

Hampton, CT: MS 24-31 of 66 (Str. 124-161)
Pomfret, CT: MS 44-47 (Str. 224-239)
Thompson, CT MS 63-66 (Str. 319-337)

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

MS24, Str 124: Conductor line work. (Photo 11)

MS26, Str 138: Conductor line work.

MS28, Str 149: Conductor line work.

MS44, Str 224: Fiber Optic Installation Work. (Photo 12)

MS66, Str 337: Foundation concrete placement. (Photo 13)

| Areas of Inspection | | Observation: | Recommended Action: | Corrected Action: |
|--|----------------------------|---|---|--------------------------|
| Access Roads and Adjacent Roadways | Interim Week (3/19) | Noted all visited ROW's and access roads to be in good condition. T. Ramborger indicated that Northern has worked as fast as possible to repair all access roads damaged by snow plowing or during snow melt. (Photo 4) | Continue to follow this procedure. | NA |
| | Bi-Week (3/25) | All observed access roads and ROW's have been recently re-graded and/or stabilized with gravel. Roads appear to be in excellent condition. Str 224-225: Mats used on ROW to prevent rutting. (Photo 14) | NA Continue to follow this procedure. | NA NA |
| Vegetative Clearing Limits (Including trees to save or danger trees noted.) | Interim Week (3/19) | Mechanized Clearing along IRP ROW complete. | NA | NA |
| | Bi-Week (3/25) | Mechanized Clearing along IRP ROW complete. | NA | NA |
| Water Crossings | Interim Week (3/19) | All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands. | NA | NA |
| | | Noted several water crossings where hay wattles appeared to be destroyed due to snow plowing. | Replace all wattles where either fabric has torn or where wattle has been completely destroyed. | NA |

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|---|----------------------------|---|---|--|
| | Bi-Week (3/25) | All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands. Observed recently installed hay wattles along water crossing on Str 337 access road. | NA NA | NA NA |
| Erosion and Sedimentation Controls | Interim Week (3/19) | Noted areas of damaged silt fence. No resources appeared to be significantly impacted. (Photo 5) Noted recent installation of silt fence and hay bales. (Photo 6) | Recommend re-stapling of damaged sit fence as soon as possible. Continue to follow this procedure as needed. | T. Ramborger indicated that Northern is trying to repair all site controls as quickly as possible. NA |
| | Bi-Week (3/25) | Noted many areas of damaged silt fence. No resources appeared to be significantly impacted. Str 337: Noted area up-line of pad where water was running off of site. Northern was in the process of constructing a drainage channel. (Photos 15 & 16) | Recommend re-stapling of damaged sit fence as soon as possible. NA | Contractor and EI's are actively and conscientiously monitoring and repairing these areas. NA |
| | Interim Week (3/19) | Mat installations in wetland areas are in accordance with the BMP Manual. | Continue to follow this procedure. | NA |
| Inland Wetland and Watercourse encroachment and mitigation | Bi-Week (3/25) | Mat installations in wetland areas are in accordance with the BMP Manual. | Continue to follow this procedure. | NA |

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| Spills and Material Storage. | Interim Week (3/19) | Spill kits noted on all visited sites. | Continue to follow this procedure. | NA |
| | Bi-Week (3/25) | Spill kits noted on all visited sites. | Continue to follow this procedure. | NA |
| Cultural Resources | Interim Week (3/19) | Cultural areas protected in accordance with D&M Plans. | Continue to follow this procedure. | NA |
| | Bi-Week (3/25) | Cultural areas protected in accordance with D&M Plans. | Continue to follow this procedure. | NA |
| Rare, Threatened, and Endangered Species | Interim Week (3/19) | NA | NA | NA |
| | Bi-Week (3/25) | NA | NA | NA |

Additional Documentation Comments:

Notes for 3/19/2015:

- Areas of IRP Project considered complete and permanently stabilized:
 - CSSS, LRSS, KSS, Windham Materials Laydown areas 1 and 2.
- Observed State Route 101 and River Road Laydown areas. Both areas appear contained and stable.

Notes for 3/25/2015:

- Areas of IRP Project considered complete and permanently stabilized:
 - CSSS, LRSS, KSS, Windham Materials Laydown areas 1 and 2.

Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection:

April 2, 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:

Matt Stephan

3/25/2015

Owner's Field Inspector:

Reviewer:

Paul Knapik 4/13/2015



Photo #1: Pulling cable at Str 124. (3/19)

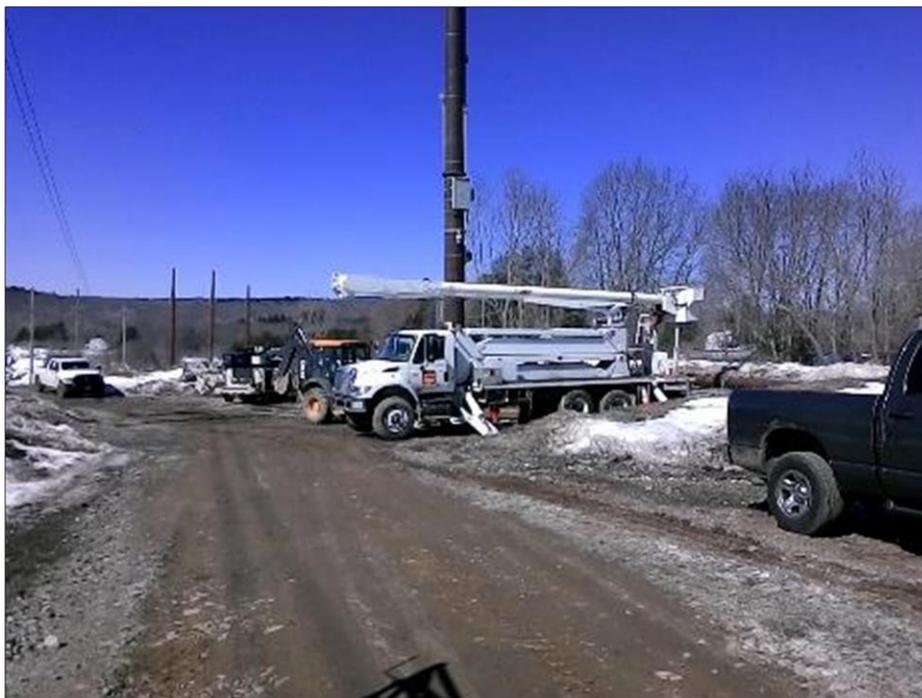


Photo #2: Structure 215 erection. (3/19)



Photo #3: Drilling operations at Str 337. (3/19)



Photo #4: Str 222 access road. Northern is preparing road to add timber mats to eliminate rutting. (3/19)



Photo #5: Damaged silt fence at Str 337 pad. (3/19)



Photo #6: Installation of new hay bales and silt fence at Str 124. (3/19)



Photo #7: Dayville Laydown Yard off State Route 101. (3/19)



Photo #8: Putnam Laydown Yard off River Road. (3/19)



Photo #9: Killingly Sub Station now considered complete and permanently stabilized. (3/19)



Photo #10: Str 201 access road. Road completely re-graded and re-surfaced with stone. (3/19)



Photo #11: Linework at Str 124. (3/25)



Photo #12: Fiber Optic work at Str 224. (3/25)



Photo #13: Placement of concrete for foundation of Str 337. (3/25)



Photo #14: Str 224-225 ROW stabilized with timber mats. (3/25)



Photo #15: Runoff from Str 337. (3/25)



Photo #16: Construction of drainage channel at Str 337 to control runoff (pictured above). (3/25)