

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: August 20, 2015

Inspector: Francis J. Vacca, P.E.

Rain Event: None

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

Pomfret, CT: MS 44-47 (Str. 224-239)
Putnam, CT MS 51-52 (Str. 256-261)
Killingly, CT: MS 52-54 (Str. 262-272)
Putnam, CT: MS 54-63 (Str. 273-318)
Thompson, CT MS 63-66 (Str. 319-337)

Observation: (by Map Sheet and Structure Number / Site)

MS55, Str 279: Topsoil replacement and re-grading. (Photo 1)

MS53, Str 266-267: Topsoil replacement and re-grading (Photo 2)

MS50, Str 256: Construction pad reclamation and topsoil replacement. (Photo 3)

MS47, Str 227: Construction pad reclamation and topsoil replacement (Photo 4)

MS61, Str 308: Wetland timber mat removal.

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: August 26, 2015

Inspector: Matt Stephan, E.I.T.

Rain Event: 1.0" on Saturday, August 21

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

Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)
Pomfret, CT: MS 44-47 (Str. 224-239)
Putnam, CT MS 51-52 (Str. 256-261)
Putnam, CT: MS 54-63 (Str. 273-318)

Observation: (by Map Sheet and Structure Number / Site)

MS52, Str 260: Restoration Operations. (Photo 7)

MS45, Str 226: Restoration Operations.

MS45, Str 227: Restoration Operations.

MS56, Str 283: Restoration Operations.

MS59, Str 297: Restoration Operations.

MS22, Str 117: Culvert Installation. (Photo 8)

MS23, Str 120: Inspected new culvert (Installed on Tuesday, August 25). (Photo 9)

MS9, Str 47: Inspected new culvert (Installed on Thursday, August 13). (Photo 10)

Areas of Inspection	Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (8/20) All observed access roads and ROW's appear to be in accordance with the BMP Manual.	Continue to follow this procedure.	NA
	Bi-Week (8/26) All observed access roads and ROW's appear to be in accordance with the BMP Manual.	Continue to follow this procedure.	NA
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week (8/20) T. Ramborger indicated that selective clearing of danger trees along the north portion of the ROW is taking place today. (the work was complete and the crew demobilized by the time we arrived onsite)	NA	NA
	Bi-Week (8/26) Mechanized Clearing along IRP ROW complete.	NA	NA
Water Crossings	Interim Week (8/6) 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 (8/26)	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 (8/20)	All observed site controls appear to be functioning as intended and in accordance with the BMP Manual. Crews are blowing straw mulch over all newly reclaimed and regraded areas. (photo 5)	Continue to follow this procedure. Continue to follow this procedure.	NA
	Bi-Week (8/26)	All observed site controls appear to be functioning as intended and in accordance with the BMP Manual.	Continue to follow this procedure.	NA
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (8/20)	Mat installations in wetland areas are in accordance with the BMP Manual. Removal of wetland mats from wetland areas are also in accordance with BMP Manual. (Photo 6)	Continue to follow this procedure.	NA
	Bi-Week (8/26)	Mat installations in wetland areas are in accordance with the BMP Manual. Removal of wetland mats from wetland areas are also in accordance with BMP Manual.	Continue to follow this procedure.	NA
Spills and Material Storage.	Interim Week (8/20)	Spill kits noted on active sites.	Continue to follow this procedure.	NA

	Bi-Week (8/26)	Spill kits noted on active sites.	Continue to follow this procedure.	NA
Cultural Resources	Interim Week (8/20)	Cultural areas protected in accordance with D&M Plans.	Continue to follow this procedure.	NA
	Bi-Week (8/26)	Cultural areas protected in accordance with D&M Plans.	Continue to follow this procedure.	NA
Rare, Threatened, and Endangered Species	Interim Week (8/20)	T. Ramborger indicated that in areas of Moth Butterfly Habitat, reclamations crews are adding specific seed varieties to the seed mix that are suited to the habitat.	NA	NA
	Bi-Week (8/26)	NA	NA	NA

Additional Documentation Comments:

Notes for 8/20/2015:

- T. Ramborger anticipates installation of the S20-53 60” culvert to be installed in the next 2 weeks.
- Areas of IRP Project considered complete and permanently stabilized:
 - CSSS, LRSS, KSS, Windham Materials Laydown areas 1 and 2, River Road Laydown yard, 87 Boston Post Road Laydown Yard, Industrial Park Road Laydown yard
 - Structures: 84-88.

Notes for 8/26/2015:

- T. Ramborger anticipates installation of the S20-53 60" culvert to be installed as soon as possible.
- Areas of IRP Project considered complete and permanently stabilized:
 - CSSS, LRSS, KSS, Windham Materials Laydown areas 1 and 2, River Road Laydown yard, 87 Boston Post Road Laydown Yard, Industrial Park Road Laydown yard
 - Structures: 84-88.

Open Items from previous inspections:

Closed Items from previous inspections:

Culvert Installation Monitoring Table

	Type	Stream Culverted	Map Number	Closest Structure	Status	Start Date	Finish Date
1	New	S20-8	9	47	Installed	8/13/15	8/13/15
2	New	S20-28	22	117	Under Construction	8/26/15	-
3	New	S20-29	22	120	Installed	8/24/15	8/25/15
4	New	S20-35	26	136	Uninstalled	-	-
5	New	S20-36	27	139-140	Uninstalled	-	-
6	New	S20-41A	29	154	Uninstalled	-	-
7	Replacement	S20-18	13	71-72	Existing	-	-
8	Replacement	S20-42B	36	186	Replaced	7/23/15	7/23/15
9	Replacement	S20-53	44	221-222	Existing	-	-

Next likely scheduled inspection: September 3, 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* 8/26/2015

Owner's Field Inspector: _____

Reviewer: *Paul W. Vucich* 8/31/2015



Photo #1: Str 279 topsoil re-grading. (8/20)



Photo #2: Str 279 topsoil replacement and re-grading. (8/6)



Photo #3: Restoration operations at Str 256. (8/20)



Photo #4: Str 227 pad stone removal.(8/20)



Photo #5: Prepping to stabilize areas with blown straw. (8/20)



Photo #6: Removing wetland mats from the site. (8/20)



Photo #7: Road removal at Str 260 as part of restoration operations. (8/26)



Photo #8: Culvert installed under access road to Str 120. Disturbed area temporarily stabilized with straw. (8/26)



Photo #9: Area of culvert installation under access road to Str 117 excavated. (8/26)



Photo #10: Culvert installed under access road to Str 47. Disturbed area temporarily stabilized with straw. (8/26)