

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: September 18, 2015

Inspector: Matt Stephan, E.I.T.

Rain Event: 1.5” on Friday, September 11

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, CT: MS 47-50 (Str. 240-255)
Putnam, CT: MS 54-63 (Str. 273-318)
Thompson, CT MS 63-66 (Str. 319-337)

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

MS66, Str 337: Restoration Operations. (Photo 1)

MS65, Str 329: Restoration Operations.

MS64, Str 328: Restoration Operations.

MS61, Str 308: Restoration Operations.

MS61, Str 307: Road Removal. (Photo 2)

MS50, Str 254: Restoration Operations. (Photo 3)

MS50, Str 255: Restoration Operations.

MS44, Str 221-223: Observed new Day Street culvert. (Photos 4-5)

MS29, Str 154: Observed new culvert. (Photo 6)

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: September 24, 2015

Inspector: Matt Stephan, E.I.T.

Rain Event: None

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)
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)
Killingly, CT: MS 47-50 (Str. 240-255)
Putnam, CT: MS 54-63 (Str. 273-318)
Thompson, CT MS 63-66 (Str. 319-337)

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

MS, Str 38: Visited Str 38. Site now considered permanently stabilized. (Photo 7)

MS, Str 221-222: Day Street culvert in place, seeded, and temporarily stabilized with straw. (Photo 8)

MS, Str 253: Removal of access road. (Photo 9)

MS, Str 307: Site has been seeded and temporarily stabilized with straw. (Photo 10)

MS, Str 308: Re-grading and earthwork as part of restoration operations. (Photo 11)

MS, Str 331: Site has been seeded and temporarily stabilized with straw. (Photo 12)

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (9/18)	All observed access roads and ROW's appear to be in accordance with the BMP Manual.	Continue to follow this procedure.	NA
	Bi-Week (9/24)	All observed access roads and ROW's appear to be in accordance with the BMP Manual. All observed access road removal appears to be in accordance with the BMP Manual.	Continue to follow this procedure. Continue to follow this procedure.	NA NA
Vegetative Clearing Limits (Including trees to save or danger trees noted.)	Interim Week (9/18)	Mechanized Clearing along IRP ROW complete.	NA	NA
	Bi-Week (9/24)	Mechanized Clearing along IRP ROW complete.	NA	NA
Water Crossings	Interim Week (9/18)	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 (9/24)	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 (9/18)	All observed site controls appear to be functioning as intended and in accordance with the BMP Manual.	Continue to follow this procedure.	NA
	Bi-Week (9/24)	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 (9/18)	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
	Bi-Week (9/24)	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 (9/18)	NA	NA	NA

	Bi-Week (9/24)	NA	NA	NA
Cultural Resources	Interim Week (9/18)	Cultural areas protected in accordance with D&M Plans.	Continue to follow this procedure.	NA
	Bi-Week (9/24)	Cultural areas protected in accordance with D&M Plans.	Continue to follow this procedure.	NA
Rare, Threatened, and Endangered Species	Interim Week (9/18)	NA	NA	NA
	Bi-Week (9/24)	NA	NA	NA
Additional Documentation Comments: Notes for 9/18/2015: <ul style="list-style-type: none"> • Areas of IRP Project considered complete and permanently stabilized: <ul style="list-style-type: none"> - 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: 1-38, 56-65, 76-101, 121-125. 				

Notes for 9/24/2015:

- T. Ramborger indicated that replacement of the Str 71-72 culvert (intermittent stream S20-18) is not anticipated to begin until at least two weeks from today.
- 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: 1-38, 56-65, 76-101, 121-125.

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	Installed	8/26/15	8/27/15
3	New	S20-29	22	120	Installed	8/24/15	8/25/15
4	New	S20-35	26	136	Installed	9/3/15	9/4/15
5	New	S20-36	27	139-140	Installed	9/1/15	9/2/15
6	New	S20-41A	29	154	Installed	9/9/15	9/11/15
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	Replaced	9/15/15	9/21/15

Next likely scheduled inspection: October 1, 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* 9/24/2015

Owner's Field Inspector: _____

Reviewer: *Paul W. Vincent* 10/9/2015



Photo #1: Stone removal at Str 337. (9/18)



Photo #2: Removal of access road at Str 307. (9/18)



Photo #3: Earthwork at Str 254. (9/18)



Photo #4: Day Street culvert installed but awaiting temporary stabilization. (9/18)



Photo #5: Day Street culvert outfall. (9/18)



Photo #6: str 154 culvert seeded and temporarily stabilized with straw. (9/18)



Photo #7: Str 38 considered fully stabilized (70% growth over 90% area). (9/24)



Photo #8: All bare areas around the Day Street culvert seeded and temporarily stabilized with straw. (9/24)



Photo #9: Str 253 access road removal. (9/24)



Photo #10: Str 307 seeded and temporarily stabilized with straw. (9/24)



Photo #11: Re-grading and general earthwork at Str 308 as part of restoration operations. (9/24)



Photo #12: Str 331 seeded and temporarily stabilized with straw. (9/24)