

**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:** November 25, 2014

**Inspector:** John Corbo, E.I.T.

**Rain Event:** 0.66" on 11/24/14

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

Columbia, CT: MS 2-5 of 66 (Str. 7-24)  
Coventry, CT: MS 5-7 of 66 (Str. 23-34)  
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)  
Brooklyn, CT: MS 31-44 of 66 (Str. 161-223)  
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)

**MS4, Str 19-21:** Installation of road base.

**MS6-8, Str 28-42:** Wire pulling operations and installation of jumpers.

**MS32, Str 166:** Maintenance on drilling equipment.

**MS34, Str 176:** Drilling operations.

**MS35, Str 181:** Hammering rock.

**MS58, Str 290:** Installation and grading of pad.

**MS59, Str 298-300:** Clearing operations. (Photo 5)

**MS60, Str 302:** Building of structure pad.

**MS64, Str 323:** Delivery of construction materials, installation of pad, grading and compaction.

**IRP Overhead ROW**

**Bi-Weekly Week Inspection:**

**Date:** December 3, 2014

**Inspector:** John Corbo, E.I.T.

**Rain Event:** 0.15" on 12/3/14

**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. 161-223)  
Pomfret, CT: MS 44-47 (Str. 224-239)  
Killingly, CT: MS 47-50 (Str. 240-255)  
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)

**MS11, Str 56:** Extension of Str pad with wetland timber mats.

**MS32, Str 167:** Drilling operations.

**MS33, Str 173:** Drilling operations.

**MS35, Str 180-181:** Hammering rock for wire pull pad.

**MS46, Str 234:** Concrete foundation pour.

**MS48, Str 245:** Drilling operations.

**MS58, Str 290:** Grading of pad and delivery of materials, sweeping of roadway, multiple petroleum drips on access road and Str pad 290. (Photo 3, 7 & 8)

**MS60, Str 304-305:** Installation of pad and removal of rock.

**MS62, Str 313-315:** Grading of access road up-line of Str 313.

**MS63-64, Str 320-323:** Spreading of hay on exposed topsoil, removal of stumps at Str 320, moving material from Str pad 321 to Str pad 320, building of pads and rough grading at Str 320 and Str 321. (Photo 3)

<b>Areas of Inspection</b>		<b>Observation:</b>	<b>Recommended Action:</b>	<b>Corrected Action:</b>
<b>Access Roads and Adjacent Roadways</b>	<b>Interim Week (11/25)</b>	Adjacent roadways clear and free of sediment at all visited sites.  <b>Str 19-21:</b> Observed grading and compacting of access road base for landowners.	Continue to follow this procedure.  NA	NA  NA
	<b>Bi-Week (12/3)</b>	Adjacent roadways clear and free of sediment at all visited sites.  <b>Str 290:</b> Observed sweeping of roadway after trucks leave construction site. (Photo 3)	Continue to follow this procedure.  Continue to follow this procedure. Ensure construction pad is functioning correctly. Otherwise, replace entrance stone.	NA  NA
<b>Vegetative Clearing Limits (Including trees to save or danger trees noted.)</b>	<b>Interim Week (11/25)</b>	Project clearing observed during inspection appears to be in accordance with D & M plans.  <b>Str 298-299:</b> Clearing crews utilizing timber mats in wet areas to prevent unnecessary rutting. (Photo 5)	NA  Continue to follow this procedure.	NA  NA
	<b>Bi-Week (12/3)</b>	Project clearing observed during inspection appears to be in accordance with D & M plans.	NA	NA
<b>Water Crossings</b>	<b>Interim Week (11/25)</b>	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

	<b>Bi-Week (12/3)</b>	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
<b>Erosion and Sedimentation Controls</b>	<b>Interim Week (11/25)</b>	Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.	Continue to follow this procedure.	NA
		<b>Str22:</b> Str pad 22 has been restored to original grades and slopes. (Photo 9 & 10)	Continue to follow this procedure.	NA
		<b>Str190:</b> Observed stockpiling of topsoil on edge of access road and Str pad in farmland protection area.	Continue to follow this procedure.	NA
<b>Str 284:</b> Observed plunge pool and hay bale reinforced silt fence to prevent erosion at Str pad 284. (Photo 1 & 2)		Continue to follow this procedure.	NA	
	<b>Bi-Week (12/3)</b>	Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.	Continue to follow this procedure.	NA
		<b>Str 323:</b> Spreading of hay on exposed topsoil. (Photo 3)	Continue to follow this procedure.	NA
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	<b>Interim Week (11/25)</b>	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA
	<b>Bi-Week (12/3)</b>	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA

<b>Spills and Material Storage.</b>	<b>Interim Week (11/25)</b>	<p>Spill kits noted on all visited sites.</p> <p><b>Str 176:</b> Observed spin off container while drilling in wetland area. (Photo 4)</p>	<p>Continue to follow this procedure.</p> <p>Continue to follow this procedure.</p>	<p>NA</p> <p>NA</p>
	<b>Bi-Week (12/3)</b>	<p>Spill kits noted on all visited sites.</p> <p><b>Str 290:</b> Observed multiple petroleum based drips on access road and Str pad. (Photo 7 &amp; 8)</p> <p><b>Str 167:</b> Noted child pools under drilling machinery for precautionary containment measures.</p>	<p>Continue to follow this procedure.</p> <p>NA</p> <p>Continue to follow this procedure.</p>	<p>NA</p> <p>Northern crew immediately cleaned up drips with absorbent diapers and checked all trucks coming on site for leaks.</p> <p>NA</p>
<b>Cultural Resources</b>	<b>Interim Week (11/25)</b>	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA
	<b>Bi-Week (12/3)</b>	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA
<b>Rare, Threatened, and Endangered Species</b>	<b>Interim Week (11/25)</b>	NA	NA	NA

	<b>Bi-Week (12/3)</b>	NA	NA
<p><b>Additional Documentation Comments:</b></p> <p><b>Notes for 11/25/2014:</b></p> <ul style="list-style-type: none"> <li>• Drilling operations ongoing at Str 166 and Str 176.</li> <li>• Construction pads for structure assembly and erection that were removed, with their areas restored to original grades and slopes: Str 22, 84-100, and 269-270.</li> </ul> <p><b>Notes for 12/3/2014:</b></p> <ul style="list-style-type: none"> <li>• Drilling operations ongoing at Str 167, 173 and Str 245.</li> <li>• Construction pads for structure assembly and erection that were removed, with their areas restored to original grades and slopes: Str 22, 84-100, and 269-270.</li> </ul>			
<p><b>Open Items from previous inspections:</b></p> <p><b>Closed Items from previous inspections:</b></p>			

**Next likely scheduled inspection:** December 10, 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:** John M. Corbo, EIT 12/4/2014

**Owner's Field Inspector:** \_\_\_\_\_

**Reviewer:** Paul Knapik 12/22/2014



Photo #1: Observed plunge pool and hay bale reinforced silt fence at Str 284. (11/25)



Photo #2: Observed plunge pool and hay bale reinforced silt fence at Str 284. (11/25)



Photo #3: Observed spreading of hay on exposed topsoil at Str 322. (12/3)



Photo #4: Spin off container and emergency spill protection under drilling machinery at Str 176. (11/25)



Photo #5: Clearing crew utilizing timber mats in wet areas to prevent unnecessary rutting between Str 298-299. (11/25)



Photo #6: Observed sweeping of roadway after trucks leave construction site at Str 290. (12/3)





Photo #7: Observed multiple petroleum drips on access road and Str pad 290. (12/3)



Photo #8: Northern crew immediately cleaned up drips with absorbent diapers at Str 290. (12/3)



Photo #9: Erosion control of Str pad 22 restored to original grades and slopes. (11/25)



Photo #10: Erosion control of Str pad 22 restored to original grades and slopes. (11/25)