EROSION AND SEDIMENTATION CONTROLS NOTES

1. Install and maintain erosion and sedimentation controls as necessary to prevent the discharge of sediment to wetlands and watercourses and avoid the discharge of turbid stormwater from the project area.

2. Apply erosion control measures (e.g., mulch, netting, or tackifier) or vegetative cover to areas of disturbed ground to avoid and minimize soil erosion.

3. Install sedimentation barriers (e.g., staked bales or silt fence) downslope from large areas of disturbed ground as necessary to minimize movement of eroded soil.

4. Inspect erosion and sedimentation controls and monitor stormwater runoff as detailed in the Stormwater Pollution Control Plan and as required by the NPDES Stormwater General Permit.

5. General Permit Registration Form Part V: Stormwater Discharge Information shall be completed by Burns & McDonnell Engineer and/or Compliance Inspector prior to start of any earth disturbing activities.

WORK AREA BOUNDARIES IN / NEAR WETLANDS

Vegetation removal will occur within the Vegetation Clearing Limits for Construction as shown, with temporary access routes in and across wetlands as necessary. Additionally, danger or hazard tree removal may be required outside of the Vegetation Clearing Limits for Construction, including within wetlands. For all other construction activities, work area boundaries will be defined by deployed E&S controls (silt fence and straw bales or equivalent). Further:

A. Work area boundaries will not necessarily encompass the entire width of the cleared area (e.g., tree line to tree line), but instead will be defined on a site-specific basis.

B. Boundaries shall be defined by E&S controls and thus may be different in dimension (but may be no greater in total square footage) than depicted on the D&M Plan maps.

C. All construction activities within wetlands, including access roads, work pads, temporary stockpiles of stripped topsoil or spoil (if necessary), excavations, equipment movements, etc., shall be contained within the work area boundaries.

D. Under no circumstances shall any materials (including plowed snow, construction materials, construction debris) be deposited beyond the work area boundaries.

NOTES

1.All work will be conducted in accordance with the relevant portions of CL&P's December 2011 Best Management Practices Manual: Connecticut Construction and Maintenance Environmental Requirements unless more stringent project-specific measures apply. See Volumes 1 and 2.

2.All work will be conducted in accordance with the requirements of regulatory approvals from the U.S. Army Corps of Engineers and the Connecticut Department of Energy and Environmental Protection, and with all Project Protocols. See Detail Sheets 1-4.

3.Erosion and sedimentation control measures will be installed during construction, as required, to comply with the 2002 Connecticut Guidelines for Erosion and Sediment Control, and CL&Ps December 2011 Best Management Practices Manual: Connecticut Construction and Maintenance Environmental Requirements, and applicable regulatory approvals. See Detail Sheets 6 & 7.

4.T&E Species Avoidance and Minimization Measures are required within indicated areas. See Detail Sheet 5.

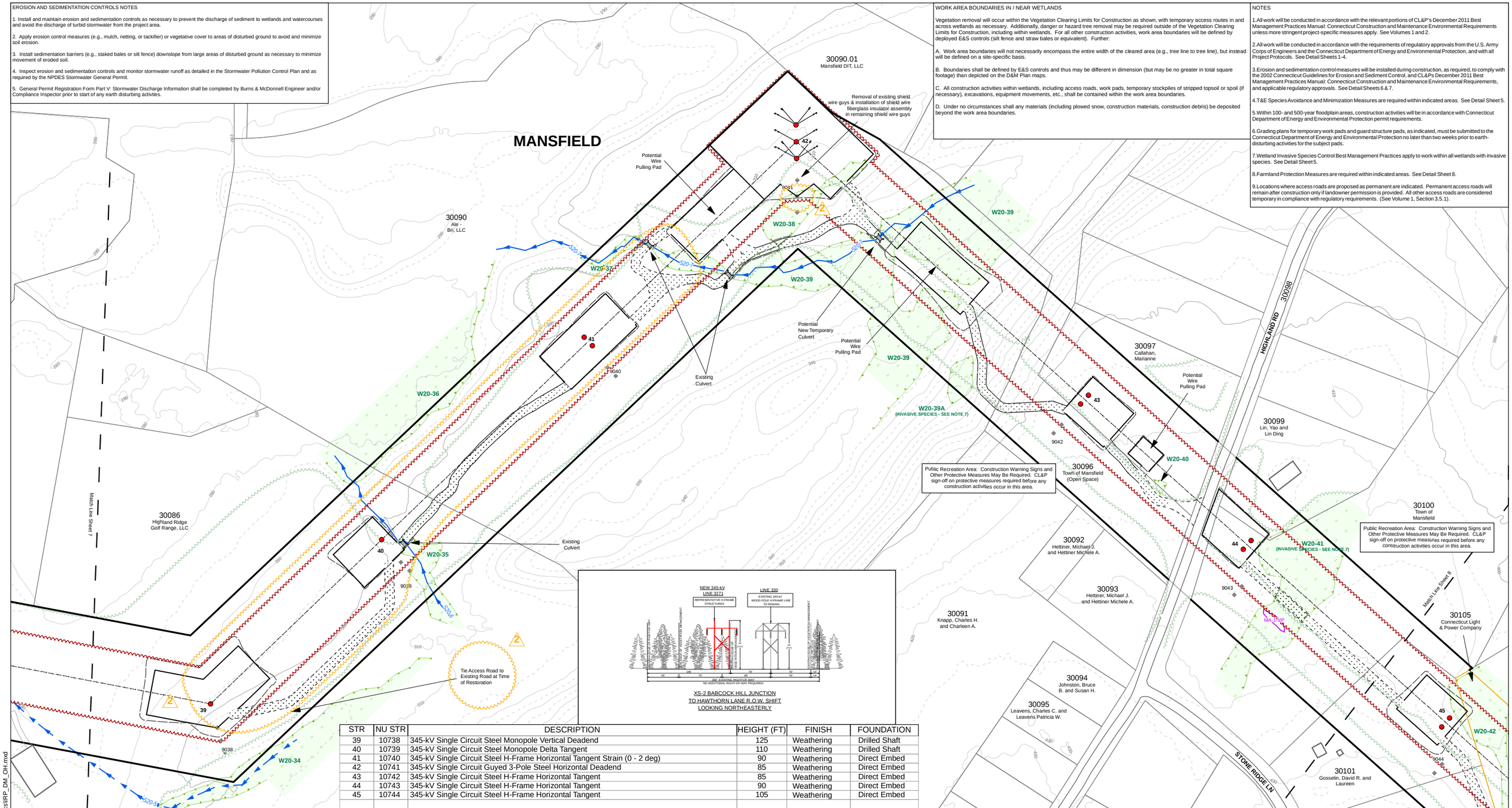
5.Within 100- and 500-year floodplain areas, construction activities will be in accordance with Connecticut Department of Energy and Environmental Protection permit requirements.

6.Grading plans for temporary work pads and guard structure pads, as indicated, must be submitted to the Connecticut Department of Energy and Environmental Protection no later than two weeks prior to earth-disturbing activities for the subject pads.

7.Wetland Invasive Species Control Best Management Practices apply to work within all wetlands with invasive species. See Detail Sheet 5.

8.Farmland Protection Measures are required within indicated areas. See Detail Sheet 8.

9.Locations where access roads are proposed as permanent are indicated. Permanent access roads will remain after construction only if landowner permission is provided. All other access roads are considered temporary in compliance with regulatory requirements. (See Volume 1, Section 3.5.1).

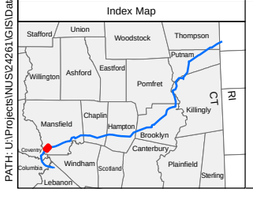



| STR | NU STR | DESCRIPTION | HEIGHT (FT) | FINISH | FOUNDATION |
|---|---|---|---|---|---|
| 39 | 10738 | 345-kV Single Circuit Steel Monopole Vertical Deadend | 125 | Weathering | Drilled Shaft |
| 40 | 10739 | 345-kV Single Circuit Steel Monopole Delta Tangent | 110 | Weathering | Drilled Shaft |
| 41 | 10740 | 345-kV Single Circuit Steel H-Frame Horizontal Tangent Strain (0 - 2 deg) | 90 | Weathering | Direct Embed |
| 42 | 10741 | 345-kV Single Circuit Guyed 3-Pole Steel Horizontal Deadend | 85 | Weathering | Direct Embed |
| 43 | 10742 | 345-kV Single Circuit Steel H-Frame Horizontal Tangent | 85 | Weathering | Direct Embed |
| 44 | 10743 | 345-kV Single Circuit Steel H-Frame Horizontal Tangent | 90 | Weathering | Direct Embed |
| 45 | 10744 | 345-kV Single Circuit Steel H-Frame Horizontal Tangent | 105 | Weathering | Direct Embed |

Highly Erodible Soils

Highly Erodible Soils

Index Map




- New Transmission Structure Pole
- New Transmission Line
- Existing Transmission Structure Pole
- Existing Distribution Lines
- Existing Distribution Structures
- New Guy Anchor
- Relocated Guy Anchor
- New Guy Wire
- Relocated Guy Wire
- Existing Access Road
- Proposed New Access Road
- Alternate Access Road
- Permanent (See Note 9)
- Work Pad
- Limit of Disturbance
- Existing ROW
- Stone Wall
- Property Lines
- NU Property
- Town Line
- Named Public Trails
- Vegetation Clearing Limits for Construction
- Existing Tree Canopy Line
- Wetland
- Open Water
- Perennial Stream
- Intermittent Stream
- Vernal Pool
- Amphibian Breeding Habitat
- T&E Species Area

N

0 50 100 200 Feet

| NO. | DATE | REVISIONS | BY | CHK | APP | APP |
|---|---|---|---|---|---|---|
| 2 | 4/2/2014 | Adjust Access Roads, Construction Pads Labels and Clearing Limits | LD | MK | | |
| 1 | 2/14/2014 | 404/401 Permit Revisions | LD | MK | | |

Burns & McDonnell SINCE 1898

DATE

DETAILED M. Goetz

DESIGNED M. Kasinskas & M. Goetz

CHECKED M. Kasinskas

**Northeast Utilities Service Co.**

THE CONNECTICUT LIGHT & POWER CO.

**Interstate Reliability Project Development & Management Plan**

BY: | CHKD | APP | APP

DATE: 8/30/2013 | DATE | DATE | DATE

64261

Map Sheet 8 of 66

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