Connecticut Siting Council Application

Legend Substation Holyoke Switching Station (Proposed) Switching Station Junction Potential Transition Station Location 345-kV Overhead ----- 345-kV New Construction 345-kV Massachusetts Southern Route Alternative West Spr 115-kV Overhead = 115-kV Improvements 115-kV Existing to Remain in Corridor Two 345-kV Lines For the Noticed Alternative "Southern" Option Between South Agawam & Agawam S/S 345-kV Underground LongmeadowEast Longm 345-kV Underground Line Route Variation Potential Transition Station Location Massachusetts Potential Transition Station Location 3 6-Mile In-ROW SR 168/187 Hartland Underground Line Route Variation SR 220/Enfield Underground Line Roue Variation (Approx. 4.3 miles) Underground Line Route Variation (Approx 8 miles) Somers Potential Transition Station Location Suffield Newgate Road Underground Line Route Variation (Approx. 6 miles) 4.6-Mile In-ROW Enfield Barkhamsted East Granby Potential Transition Station Location

Windsor Locks Ellington East Windsor Windsor Simsbury Canton Bloomfield Vernon South Windsor Map Index Manchester West Hartford Hartford Bolton East Hartford 2 Greater Springfield Reliability Connecticut Project Light & Power Potential Routes

Figure ES-1: The Greater Springfield Reliability Project Potential Routes

Exhibit CN-1

GSRP and MMP ES-3 October 2008



Connecticut Siting Council Application

Figure ES-2: Connecticut Portion of the North Bloomfield to Agawam 345-kV Line Route

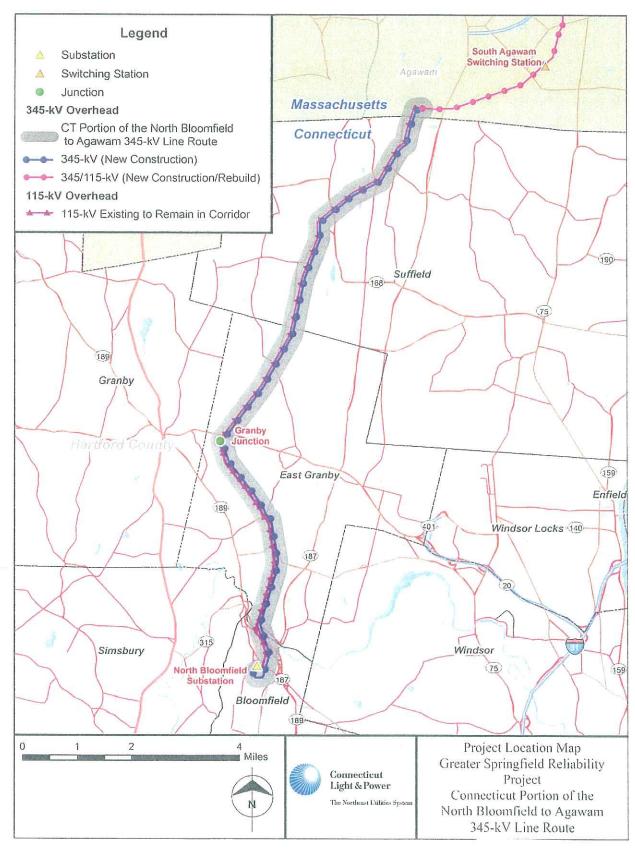


Exhibit CN-2

GSRP and MMP ES-8 October 2008



Figure O-3: Cross-Section XS-1: North Bloomfield Substation to Granby Junction

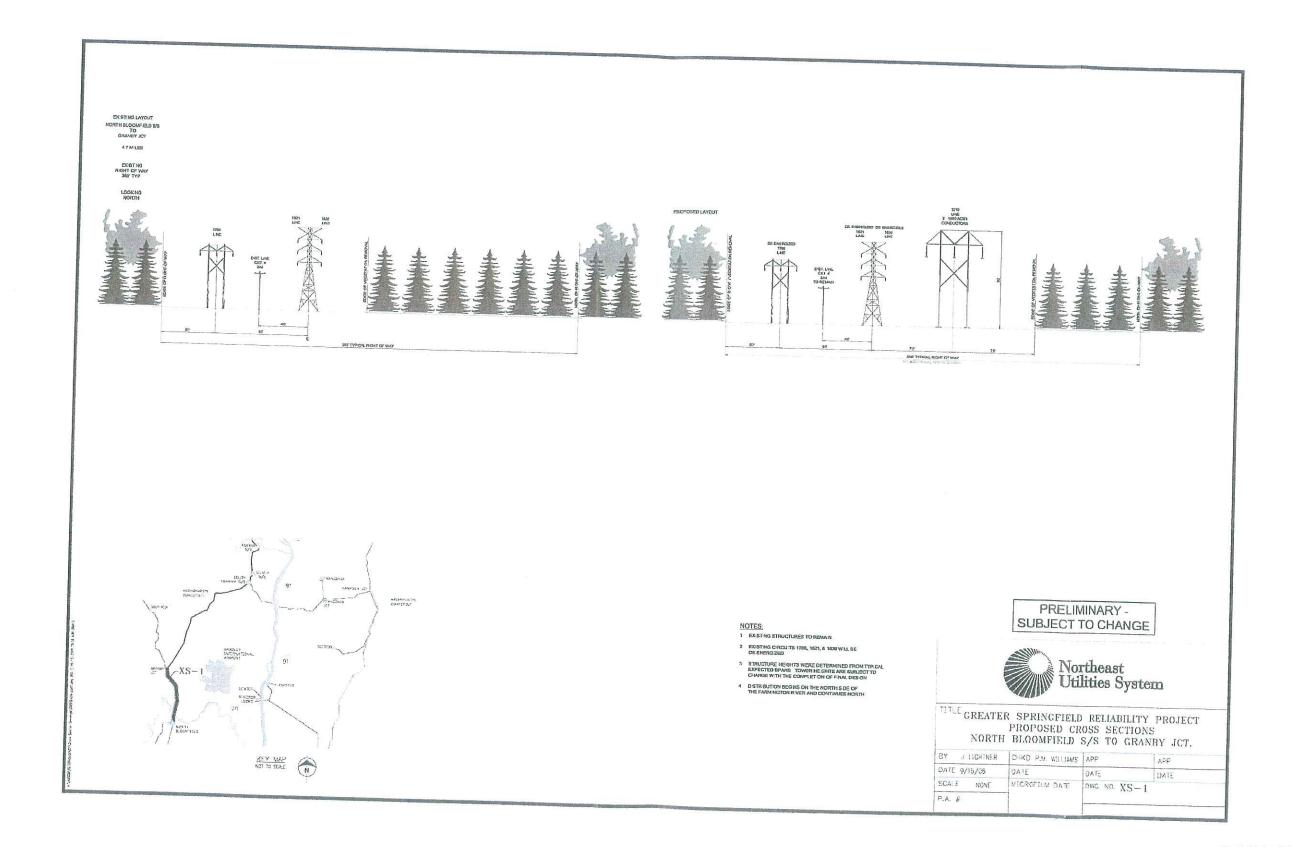


Figure O-5: Cross-Section XS-2: Granby Junction to CT/MA State Border

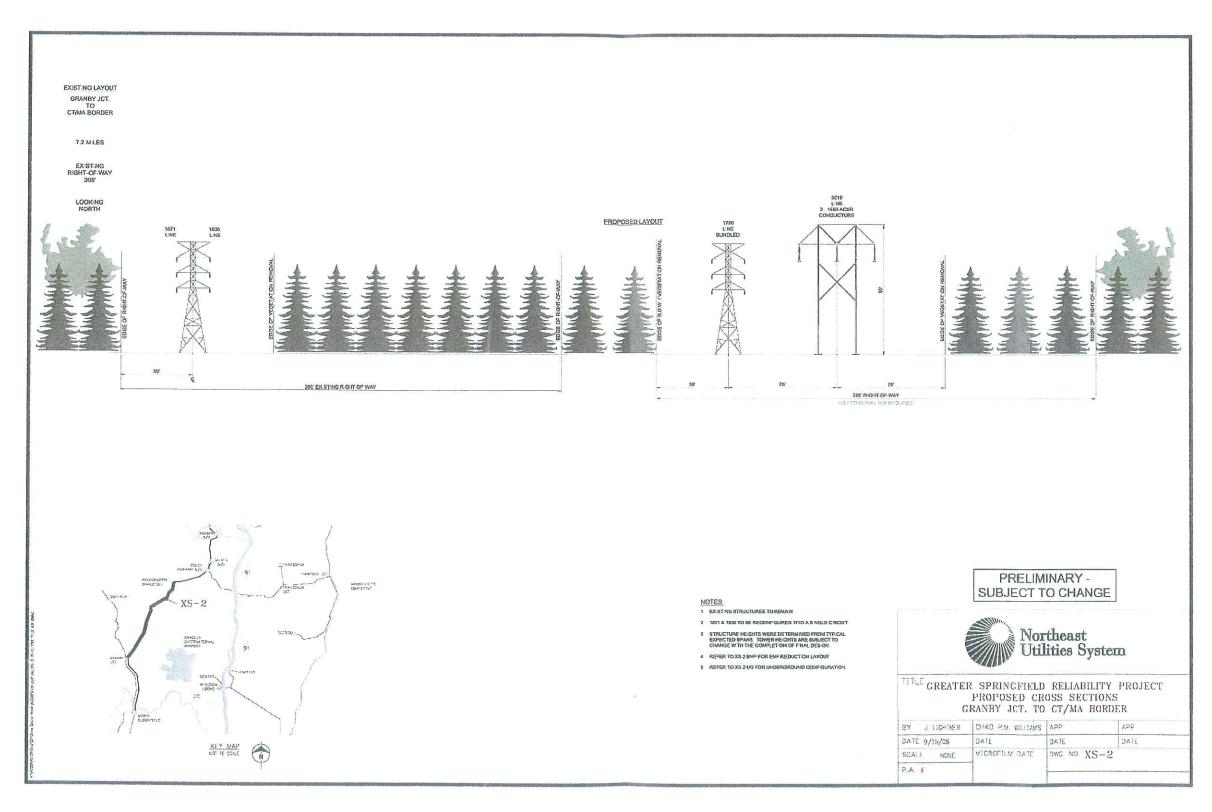


Exhibit CN-4

Figure O-7: Cross-Section XS-2: BMP – Existing Str. 3191 to Existing Str. 3221

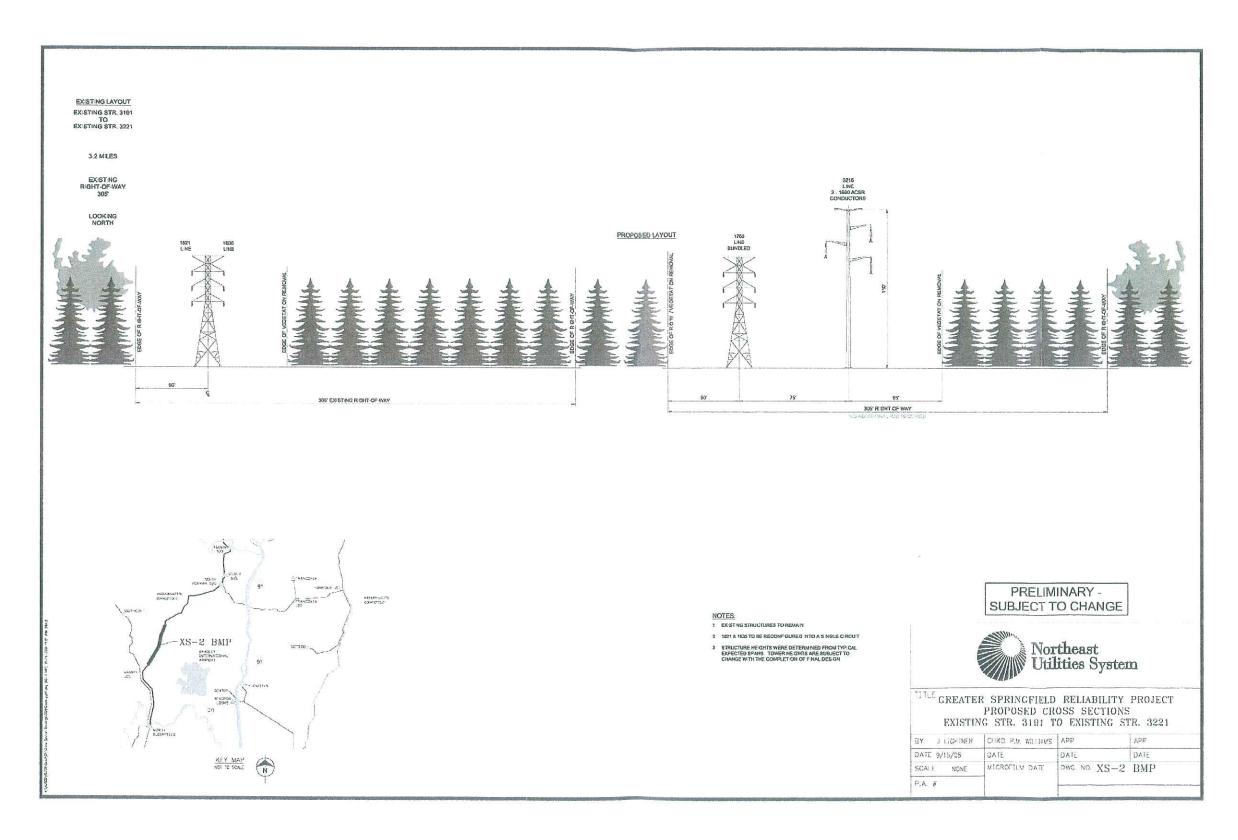


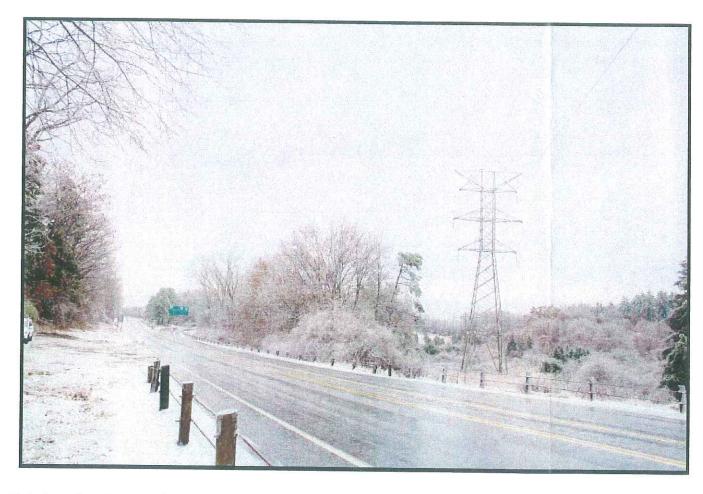
Exhibit CN-5

Greater Springfield Reliability Project North Bloomfield Substation to Granby Junction in the Town of Bloomfield Transmission Rights-of-Way Typical Cross Section XS-1

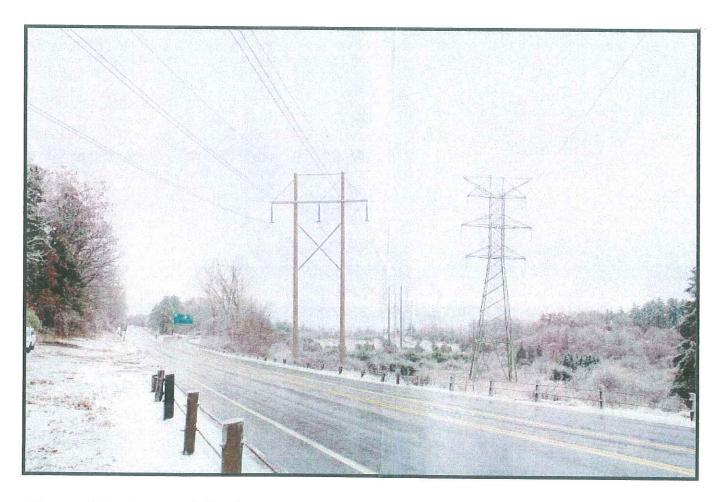
The existing line structures will remain and a line of new 345-kV H-Frame structures would be installed.

(Existing Transmission Right-of-Way Configuration)

(Simulation of the Proposed Transmission Right-of-Way Configuration)



Existing electric transmission line structures looking southwest from State Highway 189, north of North Bloomfield Substation.



Proposed electric transmission line structures looking southwest from State Highway 189, north of North Bloomfield Substation.