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**Subject:** [External Email]Eversource X-178 Transmission Line Rebuild Project.  
**Date:** Monday, May 8, 2023 2:19:00 PM  
**Attachments:** [image002.png](#)  
[image003.png](#)  
[image001.png](#)

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Hi Jasmin,

Eversource is proposing to rebuild the X178 Transmission Line which crosses through portions of Campton, Thornton, Woodstock, Easton, Lincoln, Sugar Hill, Bethlehem, Dalton and Whitefield NH between the Beebe River Substation and Whitefield Substation for approximately 49 miles. In total, the proposed project will replace 593 existing wooden utility poles (i.e. structures) with steel pole equivalents. Access to each structure will be required, as well as a work pad around each structure in order to stage equipment and vehicles during construction.

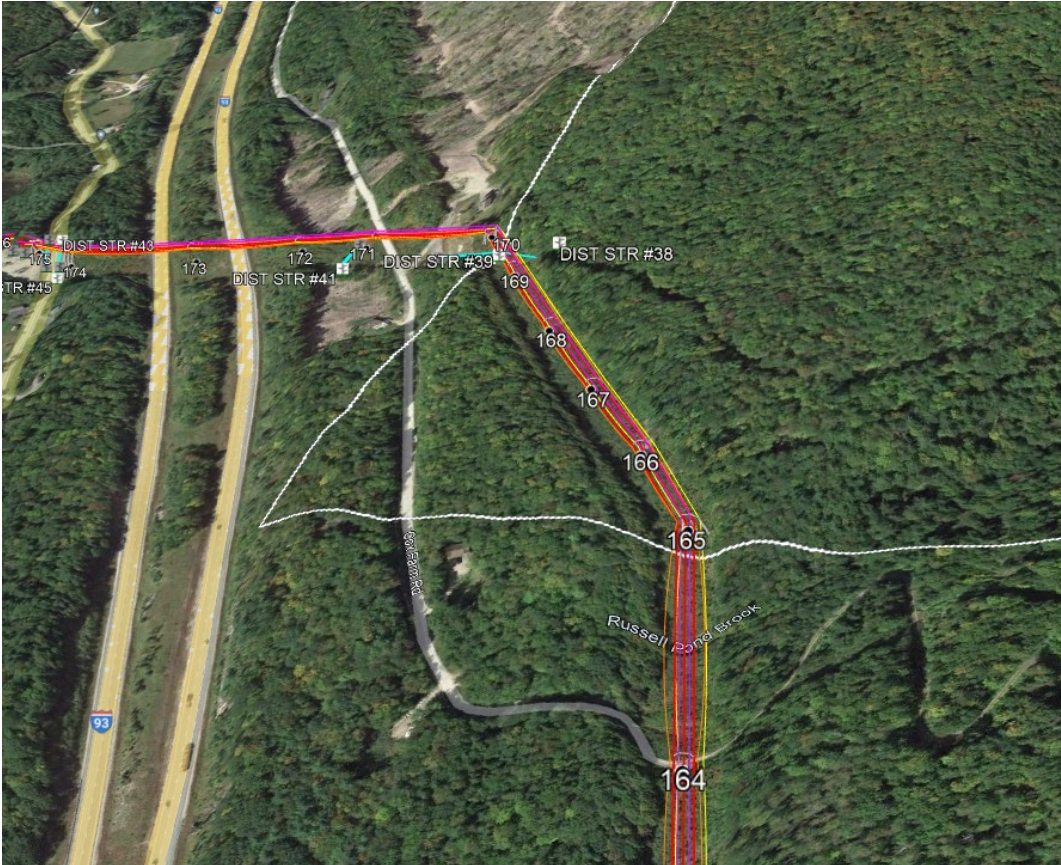
Due to the size of the overall project, Eversource is splitting the X178 into three separate projects:

Project Name	Substations	Number of Structures	Towns	WMNF Segment	Miles in WMNF	# Strs in WMNF
X178-1	Beebe to N. Woodstock	175 STR's 14.1 Mi	Campton, Thornton & Woodstock	Yes - Woodstock	0.28	5
X178-2	N. Woodstock to Streeter Pond	231 STR's 20.8 Mi	Woodstock, Easton, Lincoln & Sugar Hill	Yes - Woodstock, Lincoln, Easton,	12.32	140
X178-3	Streeter Pond to Whitefield	187 STR's 14.1 Mi	Sugar Hill, Bethlehem, Dalton & Whitefield	No	0	0

Where access and work pads are proposed within wetlands, Eversource will utilize temporary timber matting in order to cross wetlands and minimize/prevent rutting and compaction in wetlands. Individual timber mats are approximately 4-ft x 16-ft and will be placed in adjoining segments in order to span wetlands. Upon completion of work, temporary timber matting will be removed and impacted wetlands will be restored by seeding and adding mulch. In uplands, Eversource is proposing grading and construction of approximately 16-ft width gravel access roads and 100-ft x 100-ft gravel work pads at most structure locations. Upon completion of work, Eversource is proposing to leave access roads in place in order to access structures in the event of an emergency, and will reduce work gravel pads to an approximate 60-ft x 30-ft area in order for bucket trucks to access structures in emergencies and/or structure maintenance. Structure heights will increase on average 10-15-ft which is required to meet current National Electric Safety Code standards. The proposed project will not add any new lines within the right-of-way (ROW) and Eversource is not proposing to expand the width of the ROW. Proposed impacts within the WMNF are as follows:

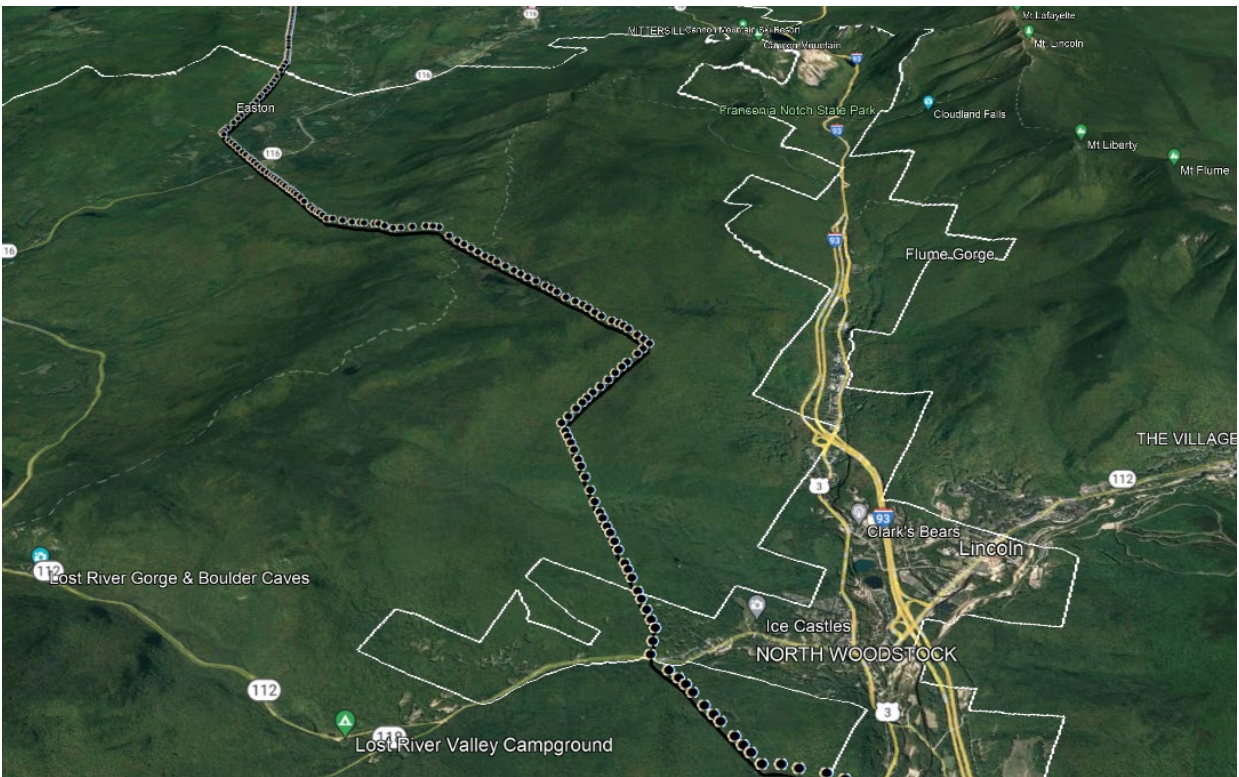
### **X178-1**

- Five structures to be replaced within the WMNF
- There may be some tree clearing reclamation of the right of way edge at this location
- Wetland Impact: ~583 SF
- Upland Grading Impacts: ~70,566 SF (~1.6 acres)



### **X178-2**

- 140 structures to be replaced within the WMNF
- Some off right of way access required
- Wetland Impact: ~526,617 sq. ft. (~12.1 acres)
- Upland Grading Impacts: ~ 1,938,401 sq. ft. (~44.5 acres)



Work is currently proposed to begin in October 2024 with an in service date of December 2026. Permitting at the local, State and Federal level will be ongoing through 2023 through start of construction. Municipalities will be contacted to coordinate any local permitting needs. At the State level through the New Hampshire Department of Environmental Services, Eversource anticipates submitting Standard Dredge and Fill Wetlands Permits, Shoreland Permits by Notification, NHDOT Permits, and Alteration of Terrain Permits. At the Federal level, Eversource anticipates obtaining coverage under the EPA Construction General Permit and preparing a Stormwater Pollution Prevention Plan, and will coordinate with the Army Corps of Engineers for a PCN permit.

In addition, an ARPA permit was submitted to Sarah Jordan on April 13, 2023 by Independent Archaeological Consulting (IAC) to complete Phase IB Archaeological Survey within the WMNF within the X178-2 project. Eversource will submit a Request for Project Review with the NH Division of Historic Resources for anticipated Phase IB Archeological Survey.

Eversource is looking to submit for the July 2023 deadline to attend the October SPD. We are hoping to confirm with you any additional details that will be needed prior to the October SPD meeting. We are happy to set up a video conference to further introduce you to the project in greater detail and answer any questions you may have.

We look forward to hearing from you on next steps.



Thank you.

Kurt Nelson



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