

Northern Pass Transmission
NH DOT Meeting Agenda
March 1st, 2015
Concord, NH

Attendees: Ken Bowes – Eversource
Jerry Fortier – Eversource
Lance Clute – PAR Electric
Stephanie Labbe – PAR Electric
Jim Tighe – Quanta Services
Lynn Farrington – Louis Berger
Mark Hodgden – Hodgden Legal
Sam Johnson – Burns & McDonnell Engineering
Derrick Bradstreet – Burns & McDonnell Engineering

David Rodrigue – NH DOT Director of Operations
Christopher Waszczuk – NH DOT Director of Project Development
Melodie Esterberg – NH DOT Chief of Design Services
Lennart Sutter – NH DOT Utilities Engineer
Alan Hanscom – NH DOT District 3 Maintenance Engineer
Philip Beaulieu – NH DOT District 1 Maintenance Engineer

Subject: SEC Process Application and Design Update

1. Introductions – Jerry Fortier
2. Discussion of limited access highway use – Ken Bowes, Mark Hodgden
3. Project status update – Jerry Fortier
 - SEC Application Filed October 19, 2015 – now under review by committee
 - SEC 30 day pre-submittal and 45 day post-submittal Public Information Sessions occurred
 - SEC 90 day Public Information Sessions scheduled for March 1, 7, 10, 14 and 16
 - DOE EIS Public Comment Sessions now scheduled for March 7, 9, 10 and 11
 - The DOE public comment period closes April 4, 2016
4. Clarification of meeting minutes from September 1, 2015 meeting – Sam Johnson
 - Eversource Energy Attendee was Ovid Rochon – Burns & McDonnell (not Orid)
 - Page 2, 5th Paragraph, 1st Sentence: “... a change in the type of underground cable to XLPE in two 8” diameter PVC conduits, with 3-2” PVC conduits for communication cables which allows ...”
 - Page 2, 5th Paragraph, 3rd Sentence: In reference to the “less than 2’ of cover” discussion, cover over the duct bank will be a minimum of 36” (including the concrete cap) which should minimize any potential for frost heave
 - Page 2, 5th Paragraph, 3rd Sentence: In reference to the “less than 2’ of cover” over the top of the splice vault/pits, the design team is working with the splice

vault engineers to reduce the height of the vaults allowing for more cover. Further details will be provided during the design review process.

5. Update on detailed design process – Derrick Bradstreet
 - Layout design process/schedule
 1. Fieldwork – survey, geotechnical, utility locates
 - The project is currently gathering existing utility data where appropriate and will incorporate into the design drawings.
 2. Design
 3. NH DOT review cycles/comments
 4. Final Design – required to support permit schedule
 - Schedule to be finalized – detailed drawings expected to be ready for review in June

6. Update on completed geotechnical work – Sam Johnson, Derrick Bradstreet
 - Geotechnical bores drilled between Plymouth and Sugar Hill
 - 44 Shallow (approx. 15’ – one per mile) and 9 Deep (approx. 65’ – critical HDD locations)
 - Primarily no bedrock found in shallow bores
 - Bedrock found between 19’ and 45’ for deep bores
 - Feedback from District Engineers

7. Update on upcoming survey and geotechnical work – Stephanie Labbe
 - Plan to seek permits for field work starting in late March / early April
 - Class C Survey of entire 60 miles of underground
 - Geotechnical boring every 1000 feet – filling in the gaps of already completed work – approximately 240 additional locations
 - Deep borings at each HDD locations – approximately 100 additional locations

8. Discussion of construction techniques/limitations – Lance Clute, Lynn Farrington
 - Traffic Management Plan
 - HDD Timelines (hours of construction)
 - Workzones

9. Next Steps – Lance Clute, Stephanie Labbe
 - NH DOT design integration
 - Technical discussions
 - Designated review team
 - Regularly scheduled meetings
 1. Executive
 2. Technical

10. Other

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March 1, 2016

Attendees

<u>Name</u>	<u>Organization</u>	<u>Email</u>
✓ Kennant Suther	NHDOT - Design Services	LSuther@dot.state.nh.us
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✓ BRIAN Desfosses	NHDOT - DISTRICT 5	bdesfosses@dot.state.nh.us

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