

**STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY DESIGN**

CONFERENCE REPORT

PROJECT: Northern Pass

DATE OF CONFERENCE: November 29, 2016

LOCATION OF CONFERENCE: 7 Hazen B15 112/113 Franklin Pierce Conf Rm

ATTENDED BY: DEPARTMENT OF TRANSPORTATION

Melodie Esterberg – Chief of Design Services
Lennart Suther – Utilities Engineer, Design Services
Matthew Powers – Utility Coordinator, Design Services
Alan Hanscom – NH DOT District 3 Maintenance Engineer
Christopher Turgeon – NH DOT District 2 Assistant Maintenance Engineer
Roger Keilig – Access & Utility Supervisor

EVERSOURCE ENERGY

Jerry Fortier – NPT Project Manager, Eversource Energy
Lance Clute – PAR Electric
Stephanie Labbe – PAR Electric
Mike Pillsbury – Louis Berger Group
Mark Hodgdon – Hodgdon Law
Sam Johnson – Burns & McDonnell Engineering
Tom Heneghan – SGC Engineering (Director of Engineering)
Jim Tighe – Quanta Services

SUBJECT: Site Evaluation Committee (SEC) Application Process and Design Update

NOTES ON CONFERENCE:

See attached Agenda.

The technical sessions at the SEC are continuing with the Interveners' technical expert's testimony.

Mr. Fortier thanked Mr. Hanscom for the Department's efforts to establish locations and permitting of the fluidized thermal backfill (FTB) test locations on US 3 in Plymouth and Campton. Ms. Labbe added her thanks for Mr. Hanscom's efforts.

There were no changes to the previous meeting minutes.

Mr. Johnson provided the next 6 week field work schedule which shows that the remaining field archeological work on the NHDOT roadways will be completed this week. The remaining work is mainly investigation of historical resources.

Ms. Esterberg stated that comments to the sample Design package were not available today as the Department had not been able to meet to review the individual comments from Highway Maintenance District 1 and District 3. Comments are anticipated to be submitted to Eversource before the end of the week. The Department general consensus is that the plans are not bad, but there are some philosophical concerns with some of the locations. Comments to the Exception Request letter will be included with the plan comments.

Mr. Johnson and Mr. Fortier suggested a technical session to review the philosophical concerns. Ms. Labbe noted that the first 3 Design package are being submitted within the next couple weeks and have not incorporated the Department's comments since they have not been received. With the work involved to submit the Design packages, Ms. Labbe did not think the design personnel would be available for a meeting regarding design decisions in December. Mr. Fortier noted that Eversource will do their best to incorporate the Department's comment into the Design package submissions.

The Department's Bureau of Bridge Design is on target to provide the requested bridge plans by December 1st, but not all. Some of the bridge plans are being scanned as digital plans and are not yet available.

The Department will need to review and observe the results of the 2 test segments with FTB before providing comments to the submittal for the use of FTB.

PAR Electric is still gathering documentation/specifications for the Department regarding the thermal dissipation within the trench, surrounding soil and pavement or ground surface. Ms. Labbe was informed that there would be no change to the ground or pavement surface temperature and is in the process of obtaining the technical documentation to support the claim.

Mr. Johnson presented updated plans with profiles of the aerial crossing of I-393 in Concord for comments from the Department. The proposal is to co-locate the P145 line on the 318 line along the southwest side of existing easement and the proposed direct current (DC) 345 kV facility (3132 line) to occupy the previous location of the P145 line. The profiles are for the co-located P145 line on the 318 line and the proposed direct current (DC) 345 kV facility (3132 line) at the previous location of the P145 line. The profiles show approximately 50' clearance over the roadway using 115' and 155' poles for the P145 line and 3132 line respectively. Ms. Esterberg asked if there was any consideration to relocate the existing C189 line from over the bridge. Eversource did not think it would be possible within the existing easement limits. Mr. Johnson noted that in a temporary condition the line could be moved westerly such that the clearance to the 3132 line would be the same as between the 3132 line and the P145 line. Mr. Suther asked for clarification regarding the blue profile line shown at the top of the pole

structures. Eversource explained that the blue line is a ground wire which also acts as a lightning arrester line.

After the meeting Mr. Johnson and Mr. Clute described another temporary alternative for taking the C189 line by temporarily taking the line out of service and removing the line. They indicated they would need to talk to their long term planning department for feasibility.

With the December submittals and the holidays it recommended that the next meeting in December be rescheduled. After some discussion it was determine to reschedule for either January 4th or 5th in 2017. After the meeting Ms. Esterberg was able to schedule the meeting for 1:00 pm on January 4, 2017.

Submitted by:

Lennart Suther
Utilities Engineer

LDS/lds

NOTED BY: MAE, MCP

cc: Attendees, Christopher Waszczuk, David Rodrigue, Douglas King, Richard Radwanski, Brian Schutt, Philip Beaulieu, Louis Barker, Charles Schmidt, Shelley Winters