



STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
 16 STATE HOUSE STATION  
 AUGUSTA, MAINE  
 04333-0016

JOHN ELIAS BALDACCI  
 GOVERNOR

DAVID A. COLE  
 COMMISSIONER

December 9, 2009

**Subject:** MaineDOT Bridge Program, BHE Pre-Coordination Utility Meeting  
**Project:** Rt. 116, Howland – Piscataquis River Bridge Replacement  
**Project No.:** 015635.00  
**Location:** MaineDOT Office in Augusta  
**Time / Date:** 1:00PM on Tuesday December 8, 2009

**Attendees:**

Brian Gray	Bangor Hydro-Electric Company
Bruce Philbrook	Bangor Hydro-Electric Company
Bruce Smith	Bangor Hydro-Electric Company
Leanne Timberlake	MaineDOT
Jeff Tweedie	MaineDOT
Calvin Seeley	MaineDOT

- The meeting was kicked off with introductions of all who were present.
- Purpose of the meeting:
  - For MaineDOT to get a better understanding of the feasible options BHE has to relocate their facilities.
  - Discuss ideas to avoid “excessive” costs for all involved.
  - Talk about costs associated with utility relocation.
  - Timeline of the project.
- Bangor Hydro-Electric Company outlined as follows:
  1. Taking PPL’s (Black Bear Hydro Partners, LLC) generating station from 46kV transmission to 12.5kV distribution. This work takes place with either Section A or B below.
    - ✓ This would require a rebuild from the generating station along the Penobscot River to Enfield Road back to the intersection Coffin Street and LaGrange Road.
    - ✓ Costs would include reconfiguring PPL’s transformers and re-conductoring five sections of overhead distribution along Coffin Street to increase the capacity of the existing lines to handle the transmission line load.
    - ✓ BHE estimates at least six (6) weeks to complete this work.



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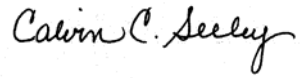
- Bangor Hydro-Electric Company outlined as follows - cont.:
  - A. Convert the existing river crossing transmission lines to distribution lines with modification to existing pole locations.
    - ✓ BHE (Bruce Smith) will contact Black Bear Hydro regarding the settings of poles within the fenced in area that they (Black Bear) has an easement.
    - ✓ The pole structure will consist of four poles (60' tall) each side of the river ten feet apart with a minimum of 50' anchors.
    - ✓ MaineDOT will have borings taken in the area of the new pole sets as well as where the anchors will be to a depth of at least 10' feet.
    - ✓ This crossing will have all new conductors to handle the distribution load.
    - ✓ BHE estimates at least four (4) weeks to complete this work.
  
  - B. Rebuild the distribution lines going up Water Street to the existing BHE river crossing approximately one mile from the bridge over to the River Road and back down to Coffin Street.
    - ✓ This option would require additional ROW at the crossing and obtaining easements from all property owners on each side of the river which would be a lengthy process and potentially hold up the project.
    - ✓ This upgrade would require new poles sets and a conversion to 3 phase power along both sides of the river.
    - ✓ The group agreed Section 1 and Part B was not cost affective.
  
- General Discussion Items:
  - Discussion on where the flood overflow pipe will be located.
  - Question of whether submarine cable or directional bore could possibly be a feasible option.
  - BHE informed the group that Time Warner Cable has applied to attach their 24 pair fiber cable to BHE's existing river crossing.
  - Cost of relocation would be responsibility of MaineDOT.
  - Calvin will write up an agreement between BHE and MaineDOT to cover engineering costs – Bruce Philbrick to send estimate.
  - MaineDOT expects Design/Build Team to begin actual construction in fall 2010.

### **Telephone Numbers & E-mail Addresses for Notification**

Bangor Hydro-Electric Co., Brian Gray, 973-2514, [bgray@bhe.com](mailto:bgray@bhe.com)  
Bangor Hydro-Electric Co., Bruce Philbrook, 973-2570, [bphilbrook@bhe.com](mailto:bphilbrook@bhe.com)  
Bangor Hydro-Electric Co., Bruce Smith, 973-2507, Cell: 949-3968, [bsmith@bhe.com](mailto:bsmith@bhe.com)  
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MaineDOT, Calvin Seeley, 624-3506, Cell: 592-1693, [calvin.seeley@maine.gov](mailto:calvin.seeley@maine.gov)

I have attempted to summarize our meeting as accurately as possible. If you feel that any of the items discussed herein are misrepresented in any way, please contact me within ten working days. In the absence of any corrections or clarifications, it will be understood that these minutes accurately summarize our discussions. Thank you for your participation and continued efforts in making this a successful project.

Respectfully submitted,

A handwritten signature in cursive script that reads "Calvin C. Seeley".

Calvin C. Seeley  
Utility & Railroad Coordinator  
Bridge Program