



MAINE DEPARTMENT OF TRANSPORTATION
and
AMERICAN COUNCIL OF ENGINEERING COMPANIES



Transportation Committee Quarterly Meeting
February 11, 2019 – 1:30 to 3:00

Meeting Notes

- Introductions
- Review Agenda
- Continued Use of New Meeting Approach

To re-invigorate the group, moving forward the MaineDOT/ACEC Transportation Taskforce will hold two Policy Transfer Meetings (similar to the current Transportation Taskforce Meetings) per year. The MaineDOT Updates will be scaled back to four primary groups with any sub areas being reported by the larger group.

There will also be two Technology Transfer Meetings annually. The format of the Technology Transfer Meetings will be similar to the training sessions put on by the Highway Program and Highway Subcommittee.

- Review and Comments on Meeting Notes from February 11, 2019
- MaineDOT Updates
 - Bridge – Wayne Frankhauser
 - 1 new PM, 2 new Technicians, 1 Office Assistant left
 - Department seeing 15-20% construction cost increases
 - Appears to be a Labor Shortage – Excess work within market
 - All need to be aware that the “latest” construction costs are not in-line with historical trends (those more than 6-12 months old). Estimating current project will require careful consideration.
 - Will likely need to move some projects to 2020 to be able to pay for 2019 costs; Will need to monitor and adjust accordingly.
 - A significant amount of work went out in 4th quarter. Goal for coming year is to focus on a solid PDR and PIC schedules, spread the projects out a bit more, and try to avoid another 4th quarter ‘jam’ for 98% and Advertise.
 - Highway – Brad Foley
 - 1 PM left – searching for replacement
 - Website for Highway has been modernized
 - All information in one location including EIs
 - Added Construction section
 - Added Links to various tables, EIs, etc.
 - Looking for input
 - Western Gateway Build Application successful so three new projects on horizon
 - Brewer-Eddington project successful and moving forward

- 75-80% of projects will have gone out by next month and really hoping for good prices
- Workplan Approval scheduled for next month with STIP approval in April
- Very few PE (dirt) projects; mostly Preservation, Large Culverts, Spot Improvements
 - Looking to complete mostly in-house
- MaineDOT now using 2018 Green Book

- Multi-Modal – Jeff Tweedie
 - 1 PM left – replacement identified
 - Prices are coming in high but will continue to Advertise
 - LAP Training is coming in May – Registration is open
 - Traffic Safety and Mobility Build Grant successful so Major Traffic Signals Upgrade will move forward
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- Planning – Scott Rollins
 - Several changes including Herb retired, Andy filling in, new Commissioner and Deputy Commissioner, Patrick now in Multimodal, new planner in Region 1,
 - Workplan development has slowed a little to allow new Governor and Commissioner to review. Will be posted soon.

- Contract Procurement Office – Debbi Farrell
 - Department-wide RFQ for Design Services has been postponed until the fall of 2019. Current prequalification and GCA contracts for the Design Services will be extended until then.
 - FHWA Simplified Acquisition contract now has a \$250,000 threshold. This allows DOT's to evaluate firms on PreQual list and select accordingly. The \$250,000 is to include all contract modifications.

- Report from Sub-Committee Co-Chairs
 - Highway – Foley/Grande
 - Held second half of training on 11/5; 41 attendees
 - Received good feedback from DOT and consultants; will use similar format for next training
 - Will assemble the feedback and post to Highway website
 - Highway is developing training for ADA which will be for the wider group
 - ADA design through construction
 - Will be working with Theresa Savoy
 - Anticipating a 2-part training in the spring
 - Looking for challenging examples to include in training
 - Bridge – Blunt/McAuliffe
 - The group has been analyzing Deck Shrinkage of heated vs. non-heated, field curing of cylinders, and steel options for decks
 - The Geotech group is seeking funding for under-utilized methods, different sub-surface investigation, and analyzing cohesive scour.

- Drilled shaft training is on hold for now due to the cost. Talking with NHI to tailor a program
 - Strut & Tie will be on the agenda for spring
 - Other topics for future discussion are: low shrinkage concrete, finite element testing, and single-slope concrete barrier
 - Multimodal & LPA – Jeff Tweedie
 - First meeting of the subcommittee will be next week
 - Workplan and meeting schedule will be first topics of discussion.
 - CAD Update – Kittredge
 - Discovery Session is now complete
 - Brought in Geotechnical and Environmental
 - Bentley has provided recommendations
 - MaineDOT is now reviewing for “realistic implementation”
 - Bentley looking to assemble a ‘bundle’ for Software Migration
 - Bentley to make presentation to DOT Managers mid-April
 - MaineDOT anticipates a “Tech Day” for consultants and contractors
 - MaineDOT reviewing new Storm/Sanitary module, Open Bridge Modeler
 - Dale and Brian to discuss getting the CAD Subcommittee together possibly to develop a list of questions and concerns of the new CAD.
 - All programs are looking for input on experience with any of these.
 - A few questions and responses:
 - MaineDOT has worked informally with NH and VT to understand their platforms, uses, experiences, etc. (not a formal working group)
 - MaineDOT is leaning to implementing Connect (64-bit) in comparison to Select 4 (32-bit)
 - MaineDOT has some concern with Open Roads as it is built on MicroStation which requires many ongoing updates versus Open Roads with very few updates.
 - Formal Migration has not been locked in. MaineDOT may try one/two Beta projects
 - Existing projects will stay with Select Series 2.
- Lessons Learned by Resident Engineering Team
 - Some initial thoughts by the group:
 - Each project should have a closeout meeting with one purpose to gather lessons learned.
 - A Fall Feedback Session with REs, consultants, and DOT could be used to gather such input.
 - Highway and Bridge Programs could incorporate this topic in their annual training with consultants
 - Add this as an agenda item to the current sub-committees
- 2018 Calendar Year Delivery Performance Summary – Todd Pelletier
 - 2018 – 88% of projects advertised; 2017 – 92%, 2016 – 87%, 2015 – 86%
 - PS&E delivery a little lower for 2018 at 82%.
 - Increased internal focus on PS&E dates so that we don’t short-circuit the R/W and Contracts timelines.

- LAPs continue with lesser delivery performance: 40%,46%, 47%, 52% for same years. Anything the consultants can do to help improve this...please do!
- Every Day Counts – State Transportation Innovation Council – Cheryl Martin
 - Two-year cycle of EDC #4 now complete. FHWA will issue a final report over the summer.
 - EDC continues with EDC#5 Summit
 - 17 representatives from Maine attended (FHWA, DOT, City, MPO, ACEC)
 - Maine also put in for upgrades to the MapViewer Functionality
 - Key point is to have the state based caucus. Reviewed the 10 innovations that are proposed (see link below to EDC website). Maine caucus determined the following:
 - Two Innovations are considered institutionalized: Project bundling; and Weather responsive management strategies
 - One not doing – Value Capture: Capitalizing on the Value Created by Transportation
 - Moving ahead with the following seven of the innovations:
 - Two are extensions from EDC 4:
 - Collaborative hydraulics: Advancing to the Next Generation of Engineering (CHANGE); and
 - Safe transportation for every pedestrian (STEP)
 - Advanced geotechnical methods in exploration (A-GaME)– Looking for opportunities to apply for aid/demonstration funds.
 - Reducing Rural Roadway Departures
 - Unmanned Aerial Systems
 - Crowd Sourcing for Operations
 - Virtual Public Involvement
 - Cheryl will continue to report on these over the next two years for implementation
 - Six-month progress reports will be provided for each innovation
 - STIC funding received – map viewer new feature implementation for pavement treatment
 - Cheryl will provide a summary of each innovation to include in the notes. This will show the stage and who is working on the process. A champion is identified for each innovation.
- Maine Turnpike Update – Kristi VanOoyen
 - Consultant Process has been finalized.
 - March 1 RFQs will be posted.
 - Statement of Qualifications due in June-July timeframe. All posted at once to give everyone time to prepare accordingly.
- Next meetings:
 - Agenda Topics
 - Workplan Update
 - ADA Training Status
 - Policy Transfer Meeting – To Be Determined depending on other Training