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| **Location** | | **Time**  1:00 PM to 2:30 PM | |
| Virtual | |
| **Purpose of Meeting** | | |  | | |  | |
| 1st Quarter Second Meeting – To continue resurrecting the CADD Subcommittee | | | | | |
| **Invitees** |  | | | |  | |
| ☒ Jonathan French, MaineDOT  ¨ , MaineDOT  ¨ , MaineDOT | ☒ Jeffrey Collins, Hoyle, Tanner & Associates  ☒ James Davis, VHB  ☒ David Munro, Fuss & O’Neill  ☒ Paul Pottle, Stantec (Co-Chair)  ☒ Richard Tarntino, McFarland Johnson | | | |
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1. Information Dissemination by MaineDOT (Jonathan)
   1. **Survey files**, decided not to change the current file uses and structure. The topo, ground, and lidar files will continue to be used the same way. No change as was mentioned at the February Meeting.
   2. **ORD2023 Workspace 2.3**, to be released in the next month, with most of the updates being Right-of-Way related. Check the change log when the 2.3 Workspace is released for all changes.
   3. **Documentation**, Updated/additional documentation to accompany the 2.3 Workspace.
      * MaineDOT ORD Sharepoint site provides access to workflows and videos
   4. **Data Management**, it’s important to follow the file naming, file referencing, and folder structure provided in the ORD2023 Workspace and documentation.
      * Seeing the Bridge.dgn and Highway.dgn files are not properly used. These files are used differently than in V8i, remind users that the Bridge.dgn is now like the old BDPlan.dgn and the Highway.dgn is now like the old HDPlan.dgn.
   5. **Workset Files (.cfg & .dgnws)**, reviewing what is needed to be transferred back and forth with consultants, testing is ongoing.
   6. **Plan Development Guides & Sample Plans (PDG&SP)**, recognition that the Bridge and Highway PDG&SPs don’t reflect the capabilities of ORD, updating process is just beginning.
   7. **Associated General Contractors (AGC)**, future discussion to be had to understand what contractors need to build projects. The goals are:
      * Ensure that the effort put into creating plans, documentation, and models is useful and not wasted on things contractors do not use.
      * Update the standard specifications and electronic deliverable requirements.
   8. **ORD2024 Workspace**, release still anticipated in Q3 (late August)
      * Sheet Index, dgnws & dgnsi file testing has been promising, further conversations to be had with Bentley
2. New discussion items
   1. Plans Production
      * Use the Plans Production resources on the ORD Sharepoint site & see 1.f.
      * Where to put design features that aren’t a part of the corridor/3D model? Some examples are fences, signs, and signal equipment.
   2. Utility Modeling – What is the ORD expectation?
      * With limited information from underground utility companies there is no change in the expectation from V8i.
      * Project dependent on whether it’s modeled in 3D or just depicted as needed.
      * In the future it would be nice to have better 3D information from utilities.
   3. Drainage Modeling, Analysis, and Plans Production –
      * Workspace contains the drainage library information for proposed structures and pipes along with some storm data for analysis.
      * There isn’t anything for existing structures or pipes, looking to add to workspace.
      * Looking to expand/improve the analysis & reporting pieces of the workspace.
      * Plans Production, See 1.g. and MaineDOT is looking to understand how other DOTs are conveying drainage design to contractors.
3. Continuous Discussion Topics (**Bold items** discussed at meeting)
   1. Data management – large scale projects and segregation, how to scale up current structure
   2. **File and Folder Structure** – See 1.d.
   3. Small Projects
   4. **Sample Plans** – See 1. f.
   5. **Cross-Sections** – See 1.f. and showing projected features like trees, drainage structures, utility poles, etc. is a manual process in ORD. Proposed drainage structures with depicting pipes can also be challenging.
   6. Integrity of Model – QC of files
   7. Use of Connect? Balance of maintaining workspaces vs escalating licensing costs
   8. Geotechnical Sheets
   9. Model as Deliverable – MaineDOT is recipient of grant, but can’t roll out this initiative until monies are received. DIRIGO2030 Initiative is to achieve the Model as Deliverable by July 1, 2030.
   10. Item Types – Attach to model elements. Plans production manual shows to attach thru feature definition.
   11. OpenBridge Modeler (OBM)
   12. **Training** – See 1.c. and there was discussion about possibly having knowledge sharing or additional videos added to the existing library. One example being a robust overview of the template file (.itl).
   13. **Communication** – to continue with emails through Maine ACEC and the ORD Sharepoint site
   14. **Workspace Releases** – See 1.b. and 1.h.
   15. Training Data Sets on Sharepoint
   16. Change Logs
   17. Work Flows à Traffic, signs, striping. Drainage has no line style for existing feature
   18. **Test sharing dgnws** See 1. e
   19. ProjectWise
4. Action Items
   1. MaineDOT and Consultants continue spreading the importance of following the standard procedures and documentation.
   2. Consultant members to review PDG&SPs as they work on projects and provide feedback to Jonathan through the June 2025 meeting.
   3. Consultant members to share procedures and practices used by other DOTs for conveying drainage design to contractors.
5. Subcommittee Coordination
   1. Meeting notes, to be handled by Copilot (AI) with an initial review by a committee member before providing draft notes for subcommittee member feedback.
      * Paul and Jeff coordinating initial review for March
   2. Paul Pottle (Co-Chair) can’t attend the Transportation Taskforce Meeting on March 17. The subcommittee felt it important to be represented in person as it’s our first opportunity since restarting, Jeff Collins will attend.
   3. Future Meeting times/datesà Continue to meet monthly and then likely transitioning to quarterly.
      * Q1c= 4/9/25 1-2:30pm
      * Q1d= 5/14/25 1-2:30pm
      * Q2=6/11/25 1-2:30pm (tentative)
      * Q3=9/10/25 1-2:30pm (tentative)
6. Subcommittee Rotation for Consultants
   1. Jeffrey Collins, HTA Q1 2025 thru Q2 2026
   2. James Davis, VHB Q1 2025 thru Q3 2026
   3. David Munro, FO Q1 2025 thru Q1 2027
   4. Paul Pottle, Stantec Q1 2025 thru Q3 2027
   5. Richard Tarntino, MJ Q1 2025 thru Q4 2027
   6. To be determined Q3 2026 thru Q2 2028
7. The Next Meeting is to be virtual on Wednesday, April 9 from 1 - 2:30pm.