
Meeting Minutes

Subject: ACEC/ODOT/OTA 3D Modeling working Group

Date: November 28, 2023 - 2:00 PM

Location: ODOT Central – Design Conference Room W/Virtual Attendance Option

Attendees:

Katie Brown – ODOT
Justin Hernandez – ODOT
Siv Sundaram – ODOT
Darian Butler – OTA
Brad Manhalter - OTA
Kar Wei Tang – OTA

Shane Hacker – OTA
Edward Dibrberg - OTA
Elizabeth Hazzard - Aguirre-Fields
Nick Braddy – Garver
Danny Powell – Guernsey
Marvin Valencia – Guy Engineering
Mark Plum – Poe & Associates

Updates and General Discussions:

- ODOT Strategic Committee members Siv and Katie began the meeting with a brief program overview from the groups last meeting in August. ODOT was notified they were selected for the Advanced Digital Construction Management System (ACDMS) Grant!! The grant included a four-year proposal inclusive of multiple aspects such as equipment, training, guides, ProjectWise environments builds, asset management, workshops to identify needs, and stem activities to pipeline workforce building.
- Immediate next steps include developing a Strategic Plan, Roadmap, and Implementation Plan to guide the program forward.
- ODOT issued an RFI for Transportation Related Digital Delivery Services with the intent to issue a future RFP. ODOT is seeking information from qualified suppliers for transportation-related design, data management, and model authoring solutions. This information will be considered as the Digital Delivery program evolves.

Software Status / Model Submission & Doing Business:

- Starting January 2024, ODOT will require consultants to submit 3D model files in their original format (Civil 3D or OpenRoads) used to produce plans in addition to the deliverables at PS&E submission in the contract document. The purpose of this submittal is to advance Digital Delivery by getting an understanding of the information the contractors will be extracting from the models for construction. The models are considered as information only and are not required to be stamped or signed.
- ODOT plans to develop model submission language that will be incorporated into future contracts. OTA will have the opportunity to review and comment along with industry.
- Civil 3D Workspace Kit is still being developed, ODOT is looking to support this software and others as industry warrants. The consulting group mentioned they would be willing to beta test and comment moving forward.



- IFC is the future open data standard for civil models. Until IFC is ready for use, ODOT would like to support both Bentley and Autodesk platforms. Integrating the use of IFC into project delivery process is still a few years out.

Schedule

- Tentative next meeting dates will be scheduled in February.