
Meeting Minutes

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

Date: August 08, 2023 - 1:30 PM

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

Attendees:

Katie Brown – ODOT
Justin Hernandez – ODOT
Siv Sundaram – ODOT
Randy Woods – ODOT
Darian Butler – OTA
Kar Wei Tang - OTA
Mike Thompson – ACEC

Elizabeth Hazzard - Aguirre-Fields
Nick Braddy – Garver
Danny Powell – Guernsey
Marvin Valencia – Guy Engineering
Scott Young – Jacobs
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 April. ODOT initiated a pilot squad in 2022 to serve as a cross functional design team implementing the latest Bentley modeling technology for digital delivery. The pilot squad has rebranded into the Digital Delivery Team (DDT) with Katie Brown as the team lead. The pilot squad has worked on several projects to date; the latest success story involved a retaining wall design project. The project outcome produced a complete retaining wall model for information only, that was ultimately used to verify design intent, improve collaborations, and produce 100% plans.

Multidimensional Design Support Services / (ODOT Digital Delivery Task Force) Update:

- Digital Delivery and ProjectWise surveys have been completed; Gap Analysis is currently in progress. Construction Contractor interviews are in progress and slated to be completed soon.
- Justin suggested having a notification option on the Digital Delivery website where individuals can sign up for workspace updates via email notification. The group agreed a notification option would be beneficial for the frequent workspace updates and will investigate adding to website.
- The [Digital Delivery website](#) is live providing general program and contact information. ODOT's main website Digital Delivery link under the [Business Center](#) section now points to the Digital Delivery website. The Digital Delivery website contains the following resources:



- Latest ODOT Bentley workspace, download information, and bug tracker instructions
- General program and industry resources
- Contact Information
- ODOT/ACEC Partnering Conference Contact Information (Note – Please submit feedback, this will assist ODOT with developed content for breakout session)
- ODOT plans to evaluate current workspace in Autodesk to promote Cadd platform flexibility. The goal is to accommodate Autodesk and Bentley platforms for submittal and look for an in-between common language file format. Autodesk has a resource kit that will be used to match ODOT's current workspace. These files will be managed in ProjectWise. ODOT is having all workspace development built by a 3RD party.
- ODOT will evaluate the consultant submittal process and file types to determine what is needed for ultimate submittal. This information will then be conveyed in the ODOT contractual deliverable requirements. Siv indicated everything ODOT is doing will lead towards a plan for Digital Delivery. These ideas and gathered information will be presented to leadership for comment and approval before plan implementation. Sept 14th is timeline for leadership presentation.

Advanced Digital Construction Management System (ACDMS) Grant

- ODOT is putting together an application for the newly released ACDMS Federal Grant that will be used to support Digital Delivery initiatives. ODOT's application will include 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. Currently ODOT will have four more opportunities (years) to capture these funds.

Consultant & ODOT General Roundtable Items:

- ODOT Bridge group is establishing a committee on retention. Additional information to come.
- Randy mentioned one of the biggest committee take aways was ODOT's focused initiative to move forward with Digital Delivery. The group was impressed with Utah's digital delivery website and Randy mentioned there was a sample project posted for download.
- Industry Foundation Classes (IFC) will be looked at as part of the Digital Delivery program. It will take a group effort to establish IFC standards for ODOT's Digital Delivery program.
- Scott mentioned the current workspace was showing inconsistencies with the Mass Haul Tool and was planning to have a ticket submitted via the online bug tracker.
- Nick mentioned there are certain Oklahoma municipalities that use a recessed drainage inlet design. He will submit a ticket for workspace consideration.

Schedule

- Tentative next meeting dates will be scheduled late November / early December.