

OVERVIEW

- Provide ongoing support for the delivery of ODOT's CADD, BIM, & Digital Project Delivery programs and initiatives.
- 2 year task order
- \$500,000
- Anticipated start January

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CURRENT ACTIVITIES

- Updating BIM Strategic Plan 2026-2030
- ADCMS Grant – iModel - design to construction
 - Goal 1: iModel Review in Design
 - Goal 2: Open-Source Bidding
 - Goal 3: iModel for Construction Inspection
 - Goal 4: iModel for Const. Consumption and Contracting
 - Goal 5: Additional iModel Use Cases Opportunities
- ORD D&U Analytics workflow implementation
- OBM workspace development/validation
- BIM for Bridges and Structures Pooled Funds

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CURRENT ACTIVITIES

- MALD Research Project
- LOD/MEB Report
 - Included recommendations for next steps
- AWP Estimation implementation
- Looking to set up AWP Asset Tracker
- STIC grant to train inspectors on model-based inspection methods
- Built and implemented OpenAPI connections (AASHTOWare Project) with external third parties

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CURRENT ACTIVITIES

- Expanded use of e-Ticketing (using the HaulHub EDOT platform) for inclusion of ready-mix concrete and aggregates.
- Piloting Digital Line Striping (DLS) / pavement marking data directly from contractor equipment.
- Development and near future implementation of Random Number Generator (RNG) to support materials sampling for QC, QA within the digital ticketing ecosystem.

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CURRENT ACTIVITIES

- WOO-US23 Roundabout pilot lessons learned
- 4 Pilot Projects, in-house design
 - Design Bid Build
 - 3 roundabouts, 1 retaining wall
- 1 Progressive Design Build Pilot (bridge)
 - Announcement coming soon

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POTENTIAL TASKS

- Updating Policies and Procedures (e.g. L&D V3)
 - L&D V3, Model Development Standards, Level of Development, Model Element Breakdown, Level of Information Need
- Development of training content & delivery of training
- Develop model authoring workflows & standards
- Development of integration and data exchanges between software
- Bentley OpenX software workspace development
- Implementation of updated design review processes

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POTENTIAL TASKS

- Bentley Infrastructure Cloud/iModel workflow development and training content development.
- Bentley Infrastructure Cloud/iModel integration and consumption with other applications such as AASHTOWare Project and products used by construction industry.
- Pilot project assistance such as scoping, coaching, model review, industry engagement, etc.

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POTENTIAL TASKS

- Implementation of model signing/sealing technology
- As-built development/workflows
- Assist with implementation tasks and change management as processes are moved to production

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