

# ADCMS Grant Progress Report

**Date:** July 30, 2026

**To:** U.S. Department of Transportation Federal Highway Administration

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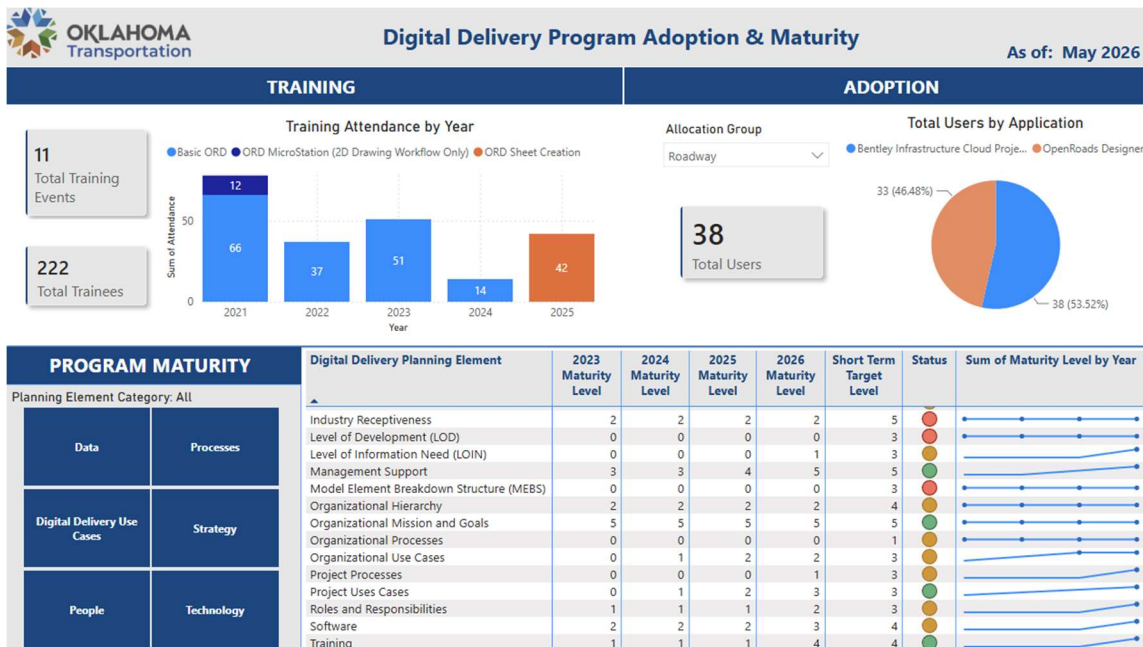
Oklahoma Department of Transportation (ODOT) is submitting their semi-annual progress report for the Advanced Digital Construction Management Systems (ADCMS) Grant (FY 2023 & 2024) along with Form 425. The progress report will be organized into the eight (8) program components outlined in the grant application and shown below in Figure 1.

**Figure 1: Program Components**



**A. Reporting Period: January 1, 2026 to June 30, 2026****2. Program Management**

- a. 2026 Task Order Requests for Consultants**
- b. Smart Sheet Schedule and Budget Updates**
  - Updated bi-weekly
- c. Email Marketing & Automation Program (MailChimp and GovDelivery)**
- d. Check In Meetings – Fridays at 8:30 AM**
  - Coordination & Scheduling using Smartsheet
  - Summary
  - Action Items list to team via email
- e. Technical Committee Meetings with Consultants, Contractors & ODOT**
  - General Meeting Format discussion in progress.
- f. External & internal Communications transitioned to ODOT's Government and Community Affairs Department**
- g. Metrics Dashboard**
  - Training Metrics: Recorded 222 total trainees across 11 events between 2021 and 2025, with training shifting toward ORD Sheet Creation in 2025.
  - User Adoption: Reached 38 total users in the Roadway group, divided between Bentley Infrastructure Cloud (53.5%) and OpenRoads Designer (46.5%). Adoption is filtered by looking at Bentley metrics from their dashboard and downloading the raw data.
  - Maturity Framework: Tracks progress across 13 planning elements spanning Data, Processes, Use Cases, Strategy, People, and Technology; and is filterable by clicking the card showing the subcategories the main category represents.
  - Key Achievements: Reached top target maturity (Level 5) in Management Support and Organizational Mission & Goals, with strong growth in Digital Delivery Champions.
  - Development Gaps: Technical frameworks like Level of Development (LOD) and Model Element Breakdown Structure (MEBS) currently sit at Level 0 against Level 3 targets. However, these points are expected delivery by Q4 2026.
  - Screenshot of dashboard next page.



### 3. Strategic Plan & Implementation Plan Development

- Gap Analysis & Strategic Plan – complete**
- Implementation Plan – complete**
  - Updates to Implementation Plan, Risk Registry, and Action Plan Established – Final Draft Complete 6/12/2026
- Change Management Plan**
  - Phase 1: Overview – Complete
  - Phase 2: Organizational and Technical - Complete
- Communication Plan**
  - Phase 1: Team Communication – Complete
  - Phase 2: Industry Communication – Complete
- Information Management Implementation Plan – Final Draft Complete**
- Strategic Communications**
  - ACEC Oklahoma – General publication releases detailing engagement opportunities and communication domain changes from mailchimp to gov.delivery.



### 4. Implementation – Design

- Early Adopter's Meetings (Internal ODOT Staff)**
  - 06/10/2026 – Digital Delivery: Level of Information Need & Level of Development
- ORD Workspace Development**
  - Working through industry bugtracker comments and ACEC Working Group beta testing findings.
  - Effort to create CAD advisory group, embedded inside ACEC working Group to discuss workspace developments.
  - Meeting with business units to develop requirements to create opportunities to advance BIM workflows into normal practices

- Hydraulics & Hydrology – Drainage library recreated with new optimized cells, libraries were updated with ODOT criteria, conversations initiated to show design outputs in flex tables.
- Biweekly meetings
- Workspace Releases:
  - OKDOT24-SF-1-5 Beta 5 Build Release “Technical Preview” 01/22/2026
  - OKDOT25-SF-2.0 Workspace Release 03/31/2026
  - OKDOT24-SF-2-2 Workspace Release 06/02/2026
  - OKDOT24-SF-2-3 Workspace Release 06/26/2026
- c. Digital Delivery Guidelines**
  - Draft completed and reviewed by ACEC Industry Working Group and internal ODOT squads. Revisions in progress – 06/12/2026
  - Internal team sprint established combined with Cadd and Modeling standards.
- d. Modeling Standards**
  - Biweekly meetings held with ODOT, Jacobs, and HDR for continued standards development.
  - Modeling Standards Manual Draft was updated 12/3/2025 with content for Chapter 3 Digital Deliverables, Chapter 4 General Requirements and Framework and Chapter 5 Modeling Standards and Architecture by Discipline.
  - Separated Modeling Standards and Cadd Manual information into two documents. Modeling Standards re-write underway.
- e. Model Authoring Software Manual (Initial ODOT Specific OpenRoads Designer Training Manual)**
  - Draft Bentley Software Training Manual completed and reviewed 04/02/2026. Revisions in progress.
- f. Miscellaneous Items**
  - Upgraded all staff to ORD 2024, OBM 2024, and PW 2023
  - ProjectWise Cloud migration in process with OMES and Bentley, UAT successful, and go live in July.
  - Training team preparing training for Construction Survey ORD class and Vo-tech teacher training (ORD) in July.
  - Roadway engineers (5) attended Bentley drainage and utilities training. Additional enrollments are forthcoming.
  - Established a survey workflow in CDE (ProjectWise)
  - Discovery on integrated tools for Right-of Way deed writing.
- g. Training and Education Plan**
  - Draft Training & Education Plan, Facilitators Guide, Participants Guide completed and reviewed. Revisions in progress – 04/03/2026.

## 5. Implementation – Design & Construction

- a. Pilot Projects for Discovery –**
  - JP 35427(04) – SH-152 over Washita River & Overflow in Washita Co., District 5:
    - 65% plans submitted to ROW/UT
  - JP 35578(04) – SH-152 over Deep Creek in Beckham Co., District 5:
    - 65% plans submitted to ROW/UT
  - JP 38257-04 - US-56 Cimarron Co: 7.99 mi widen and resurface, District 6:
    - Survey in process, to be completed Q1 2027



- JP 33806(04) – SH-51 connection to Muskogee Turnpike in Wagoner Co, District 1:
  - Consultant ORD project used ODOT PW using OKDOT2024 workspace. Modeling efforts in progress.
  - Project Management to schedule meeting to provide feedback on modeling practices and data sharing in Q3 2026
- 2 week Digital Delivery Division rotation added to first year EIT schedules
  - Ongoing program for EIT's
- Managed workspaces with Pencil 9 deployed to Agency and Consultants
- Investigating new workflows and model development techniques for use in production teams
  - ISO naming convention
  - GIS maps for title sheets
  - Simplifying drainage summary sheets
  - Saved Views (BIC environment)
  - Drainage design methods (collaborative vs silo)
- District 3 (JP#36178(04) meeting scheduled to identify opportunities for data exchange in construction
- District 7 (JP#24428(04) meeting scheduled to identify opportunities for data exchange in construction



## 6. Implementation – Construction

### a. ODOT Construction Division

- Established regular quarterly meetings with Director and Assistant Director of Operations to synchronize goals, knowledge and implementation activities.



## 7. Implementation – Asset Management & Maintenance

### a. Pointman

- BIM loop established
- Pointman utility data collection and exchange in implementation phase





## 8. Foundational Program Support

- a. **ProjectWise Implementation Plan & Platform Integration**
  - Completed System Architecture Document
  - ProjectWise Hosted to ProjectWise Cloud Migration in process.
- b. **ISO 19650**
  - Enterprise-wide alignment in process with Data Governance team, ODOT IT & ODOT Office of Innovation
  - Scope of work established for ISO 19650 SME
- c. **Risk Management**
  - Completed risk registry update 06/12/2026
- d. **Peer Exchange**
  - Attended June 2026 ADCMS peer exchange in Utah



## 9. Industry Outreach & Workforce Development

- a. **Website Updates - <https://odotdigitaldelivery.com/>**
  - Postings/Announcements & Report Uploads –
    - 3 workspace updates
    - December ADCMS Grant report (abbreviated version)
  - Monthly Analytics – 6 month summary below, see **Attachment B**
    - 1,923 Unique Visitors
    - 3,516 Views
    - Engagement increase due to industry engagements and new workspace releases
- b. **STEM Outreach**
  - Participating in ODOT Workforce Coalition Meeting
- c. **Local Agency Support & Outreach**
  - Consideration of shifting county and local government projects to ODOT standards and processes for projects designed using ODOT funds
- d. **Industry Stakeholder Collaboration**
  - ACEC 3D Working Group –
    - ACEC Oklahoma - Debrief on Digital Delivery Guidance Documents and Workspace updates 02/18/2026.
    - ACEC Oklahoma – Meeting for ODOT's New 2024 ORD Workspace: Overview of new geometry related features and tools available. 04/07/2026
    - ACEC Oklahoma – Meeting for ODOT's New 2024 ORD Workspace: Overview of modeling and terrain updates. 05/07/2026
    - ACEC Oklahoma – Meeting for ODOT's New 2024 ORD Workspace: Overview of Plan Production updates and benefits to utilizing ODOT's digital delivery tools. 05/28/2026
  - Oklahoma ACEC
    - On the Agenda for presentation at ACEC Partnering Conference in September 2026
    - OKDOT CADD Workspace Webinar Presentation to Industry
  - ADCMS Peer Exchange Washington DOT – Asset Management
  - ADCMS Peer Exchange Utah – Program updates & Metrics
  - Continued participation in FHWA Digital Delivery Stakeholder Group

- Texas DOT Peer Exchange – Participating states: California, Indiana, Nebraska, Pennsylvania, Pennsylvania Turnpike, Utah, Illinois Workforce Development
- Scheduled a 2 Day in-person event with Vo-Tech Instructors for Basic OpenRoads Training. The class will be held in August 2026.
- ODOT working with Vo-Tech schools to establish transportation software training curriculum and best practices. Initiatives will be used to prepare future workforce training programs.