

ADCMS Grant Progress Report

Date: July 10, 2024

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

Attn: James Grey, PE

From: Katie Brown, PE – ODOT Digital Delivery Engineering

CC: Viplav Reddy

Oklahoma Department of Transportation (ODOT) is submitting their semi-annual progress report for the Advanced Digital Construction Management Systems (ADCMS) Grant (FY 2022 & 2023) 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, 2024 to June 30, 2024**1. Program Management**

- a. Progress Report Template
- b. Smart Sheet Schedule and Budget Development
- c. Check In Meetings – held most Fridays at 8:30 AM
 - Coordination & Scheduling
 - Summary
 - Action Items list to team
- d. Technical Committee Meetings with Consultants, Contractors & ODOT
 - TC Meeting No. 5 – held 02/15/2024
 - TC Meeting No. 6 – held 06/05/2024

**2. Strategic Plan & Implementation Plan Development**

- a. Strategic Plan & Road Map (funded with STIC Grant)
 - Final Draft Completed 03/15/2024
 - Presentation to ODOT Leadership 03/25/2024
 - Final approved 04/11/2024 (Final, Executive Summary with Mission Plan, Roadmap)
 - Posted to Digital Delivery Team Sharepoint and Industry Website
 - Email blast sent to industry on 05/10/2024
- b. Implementation Plan
 - Final Draft Complete 06/14/2024
 - Executive Summary in progress.

**3. Implementation – Design**

- a. Remove Inroads from all preconstruction ODOT computers 04/30/2024
- b. Early Adopter's Group Created (Internal ODOT Staff)
 - Kick off meeting 02/28/2024
 - Sharepoint site created with narrow focus
- c. ORD Workspace Development
 - ACEC/ODOT 3D Working Group – Provided comments

**4. Implementation – Design & Construction**

- a. Pilot Projects
 - JP 29580(04) – US-62 in Caddo Co: 2D plans previously submitted, building model as a test
 - JP 35427(04) – SH-152 over Washita River & Overflow in Washita Co.: 3D 30% model uploaded to Bentley Infrastructure Cloud for QC Review on 06/24/2024
 - JP 35578(04) – SH-152 over Deep Creek in Beckham Co.: 2D & 3D 30% plan review meeting held 04/15/2024

**5. Implementation – Construction**

- a. DBE Contractor Gap Assessment
 - Met with AOGC to discuss DBE and other small contractors current abilities



6. Implementation – Asset Management



7. Foundational Program Support

- a. **ISO 19650 Training & Certification – paid by others**
 - Five ODOT employees have completed, others in progress
- b. **Risk Management Workshop planning**
 - Identifying participants
 - Planned for August 7, 2024
- c. **ODOT/TXDOT Peer Exchange**
 - No. 3 – 06/25 – 06/28/2024



8. Industry Outreach & Workforce Development

- a. **Website Updates - <https://odotdigitaldelivery.com/>**
 - Postings/Announcements & Report Uploads – 6 during reporting period
 - Monthly Analytics – 6 month summary below
 - 1,719 Unique Visitors
 - 3,924 Views
- b. **STEM Outreach**
 - Grant Application Form – Complete
- c. **Local Agency Support & Outreach**
 - Expanded Technical Committee to include county participation
- d. **Industry Stakeholder Collaboration**
 - January 2024:
 - TRB – Participation on Digital Delivery Panel
 - Katie Brown appointed to IHEEP as Acting Area 3 Director
 - February 2024: BIM for Bridges
 - March 2024: AASHTO Tech Exchange – Change Management Panel
 - May 2024:
 - US DOT e-news bulletin – Digital Delivery Transformation in Oklahoma
 - ADCMS Peer Exchange
 - June 2024: ODOT/TXDOT Peer Exchange