# ADCMS Grant Support for ODOT WORKS: Advancing Model-Based Project Delivery

PID: 123152

## Scope of Services (SOS)

## Overview

The ADCMS Program accelerates the adoption of advanced construction technologies across the project lifecycle, from design to operations. The goal is to improve system interoperability, enhance productivity, minimize delays and cost overruns, and improve safety and quality.

The ODOT WORKS initiative (Workflow Optimization for Real-time Knowledge Sharing) focuses on expanding model-based technology deployment. It ensures the digital models are accessible when and where needed while supporting real-time data exchange between design and construction teams.

## Objectives

- Support key decision-making through stakeholder engagement and sandbox testing.
- Develop and document workflows, training, standards and specifications.
- Investigate additional model use cases for the Department.
- Provide workforce training and upskilling opportunities.
- Implement structured change management practices.
- Recommend future development strategies and best practices
- Offer project management support, including documentation and reporting.

## Deliverables

- Comprehensive workflow documentation.
- Interactive training modules and reference material.
- Updated standards and specifications aligned with best practices.
- Stakeholder engagement summaries, including requirements sandbox testing feedback.
- Risk management log with identified challenges and mitigation strategies.
- Periodic project status reports, including identified gaps, lessons learned, and recommendations for future improvements.

# Qualifications and Experience

Responses must demonstrate experience with the following:

- Digital Project Delivery & Model-Based Workflows
  - Experience with model-based design, digital twins, and iModel technology.
  - Experience developing and implementing workflow optimizations to enhance design-construction collaboration.
- Standards & Specifications Development
  - Experience working with agencies to establish technical guidelines.
- Change Management & Training
  - Experience in developing and delivering workforce training programs.
  - The ability to support organizational change management, ensuring smooth transitions to new technologies and processes.
- Project Management
  - Strong background in project management, risk tracking, and performance reporting to support large-scale technology implementations.