

NCHRP 20-44(40)
Implementing the Agency Capability Building
Framework to Activate Organizational Change

Peer Exchange

The Digital Delivery Pursuit

Oklahoma Department of Transportation

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June 28, 2024





GAP ANALYSIS



**ODOT DIGITAL DELIVERY
ESTABLISHED**



**PILOT TEAM
ASSEMBLED**



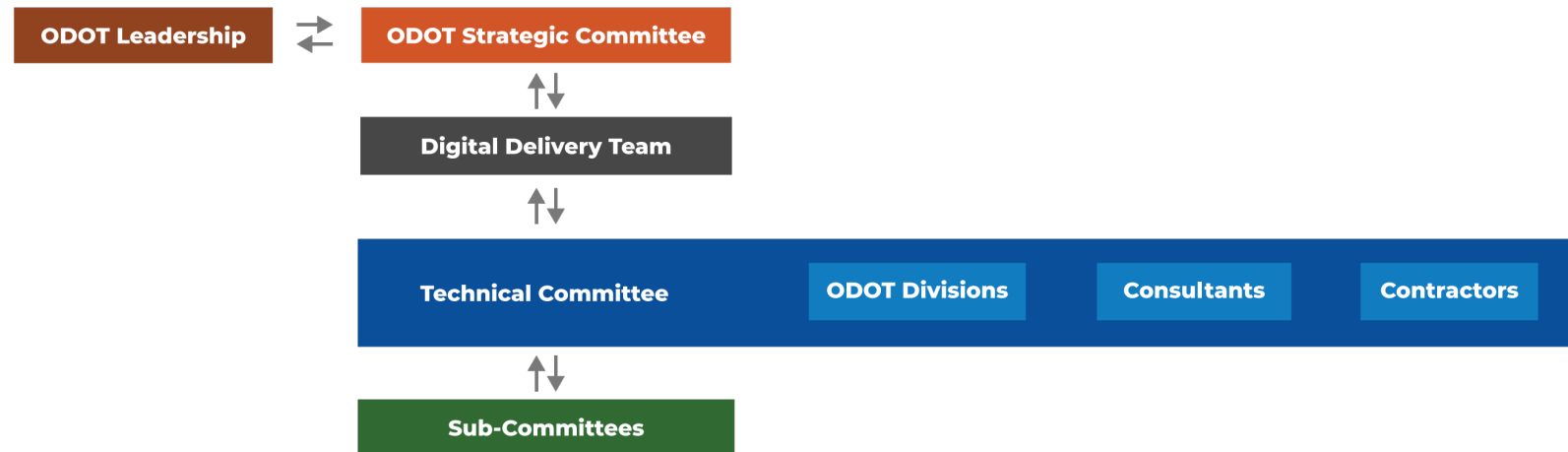
**DESIGN AND MODELING
TOOL ADVANCEMENTS**



INDUSTRY REQUEST

ODOT Digital Delivery

- ❏ Team Established and Gap Analysis Completed within 2023
- ❏ ODOT employees run this program with support from 4 consultants
- ❏ Digital Delivery Technical Committee:
ODOT Design, ODOT Construction, ODOT GIS, contractors, consultants, DBE, counties/local government representatives



Gap Analysis

- ❏ Process included documentation review, a statewide industry survey, and interviews with core members from ODOT's eight Field Offices and 21 technical groups and teams at Central Office
- ❏ Key Findings ([view PDF online](#))
 - ❏ Siloed divisions and concerns around impact to business groups and stakeholders
 - ❏ 2D processes are very manual and technology is not used to greatest potential
- ❏ Recommendations
 - ❏ Agency-wide data governance and data architecture are critical to support the success of Digital Delivery
 - ❏ Implement a program to support project development through the asset lifecycle and evaluate technology needs
 - ❏ Redefine roles and responsibilities related to BIM for Infrastructure; develop a communication plan for internal and external stakeholders
 - ❏ Create detailed training plans to address general digital delivery education, procedures and technology for all operating units

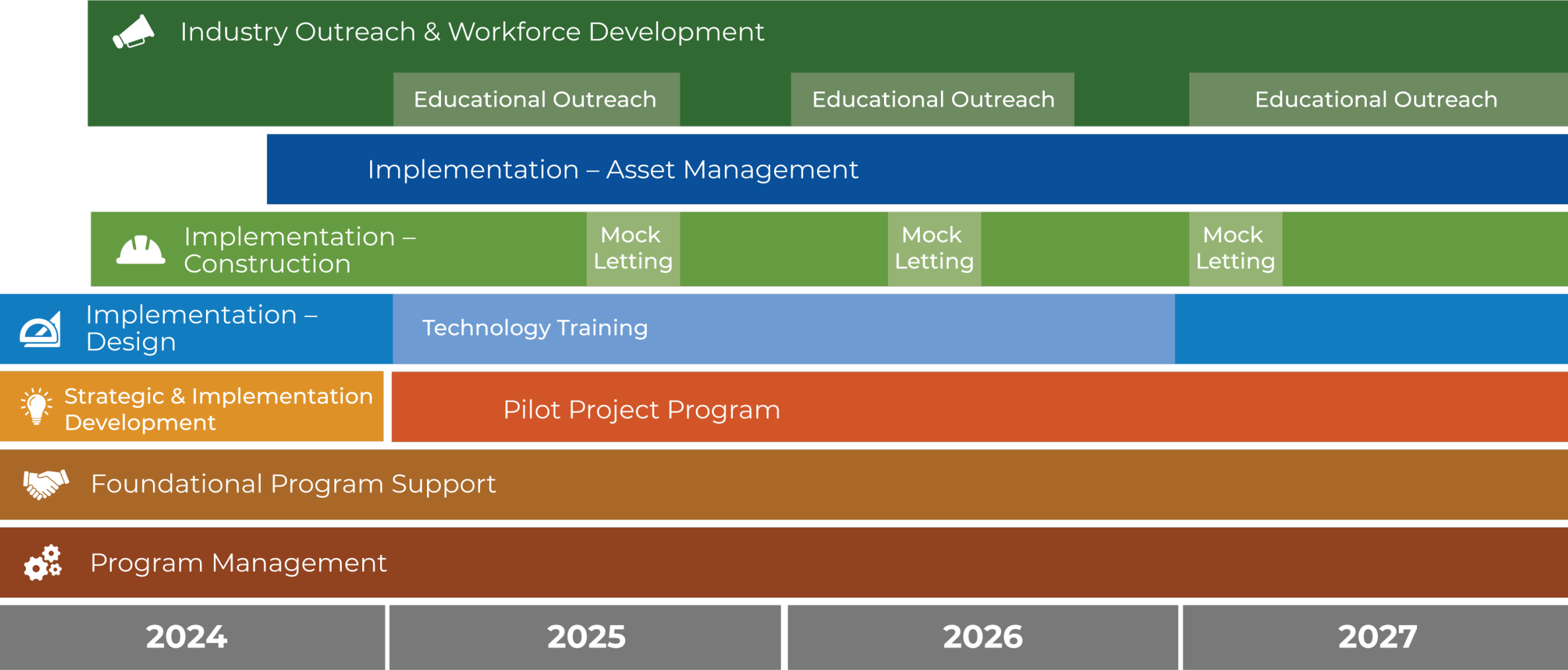


What Now?

- ❏ [Strategic plan](#) completed as of March 2024
- ❏ Internal Implementation Plan in progress
- ❏ Following ODOT's current digital delivery roadmap can dramatically increase the department's readiness score from 25/100 points to 72/100 points by 2027



Road Map to 2027



THANK YOU

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