

# Oklahoma Department of Transportation

## Digital Delivery Program Update



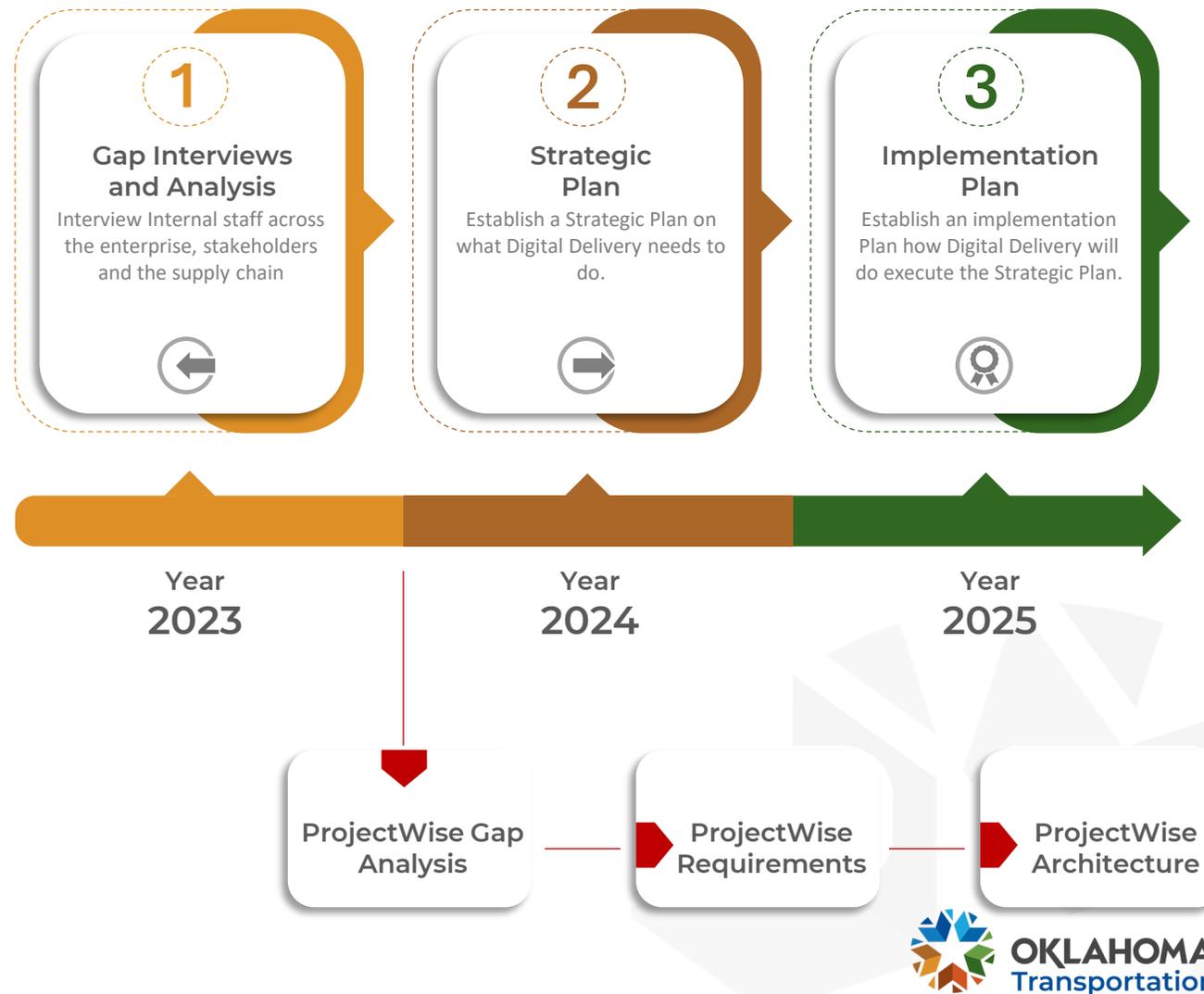
**OKLAHOMA**  
Transportation



# ➤ Planning



# ➤ Planning



## ➤ Goals

Specific in nature, low barrier to entry activities.

- Establish Change Management, Communication and Engagement Plans.
- Establish Process Standardization Aligning to industry Standards for Data Exchanges.
- Establish Workforce Development Education and Training Programs.



# ➤ Goals

## Communication

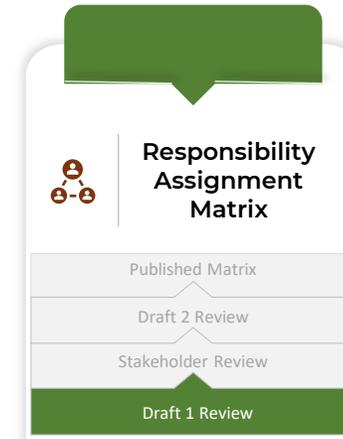
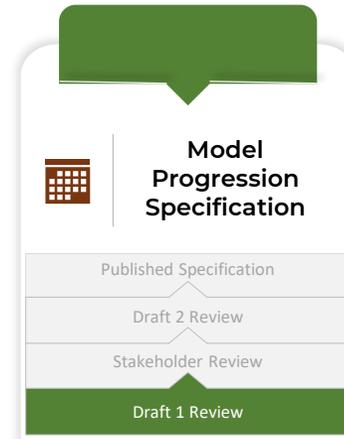
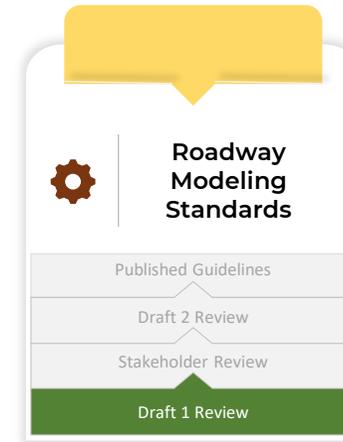
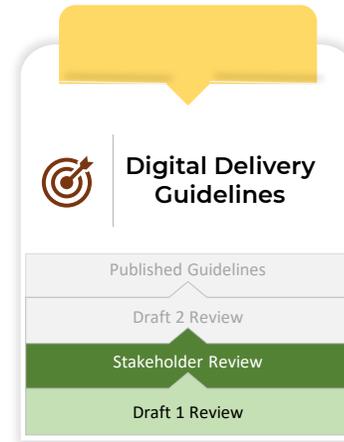


# Goals

## Process and Data Exchange Standardization

### Foundational Documents

- Guides and Standards
- Communication Engagement types
- Change Control



# Goals

## Process and Data Exchange Standardization



**CADD Workspace Rebuild**

- Published Production Workspace
- Final Review w/Drainage
- Technical Preview (1 Version)
- Beta Testing (3 Versions)

**IFC Schema Integration**

- Published Specification
- Draft 2 Review
- Stakeholder Review
- Identify specific elements

**ProjectWise Datasource Rebuild**

- Published Production Datasource
- User Acceptance Testing
- ISO Aligned Dev Environment Build
- Gap Analysis and Architecture

**ISO 19650 Staff Certifications**

- XX Certified Personnel
- Phase 3 Early Adopters
- Phase 2 (Design Staff)
- Phase 1 (DD Staff)

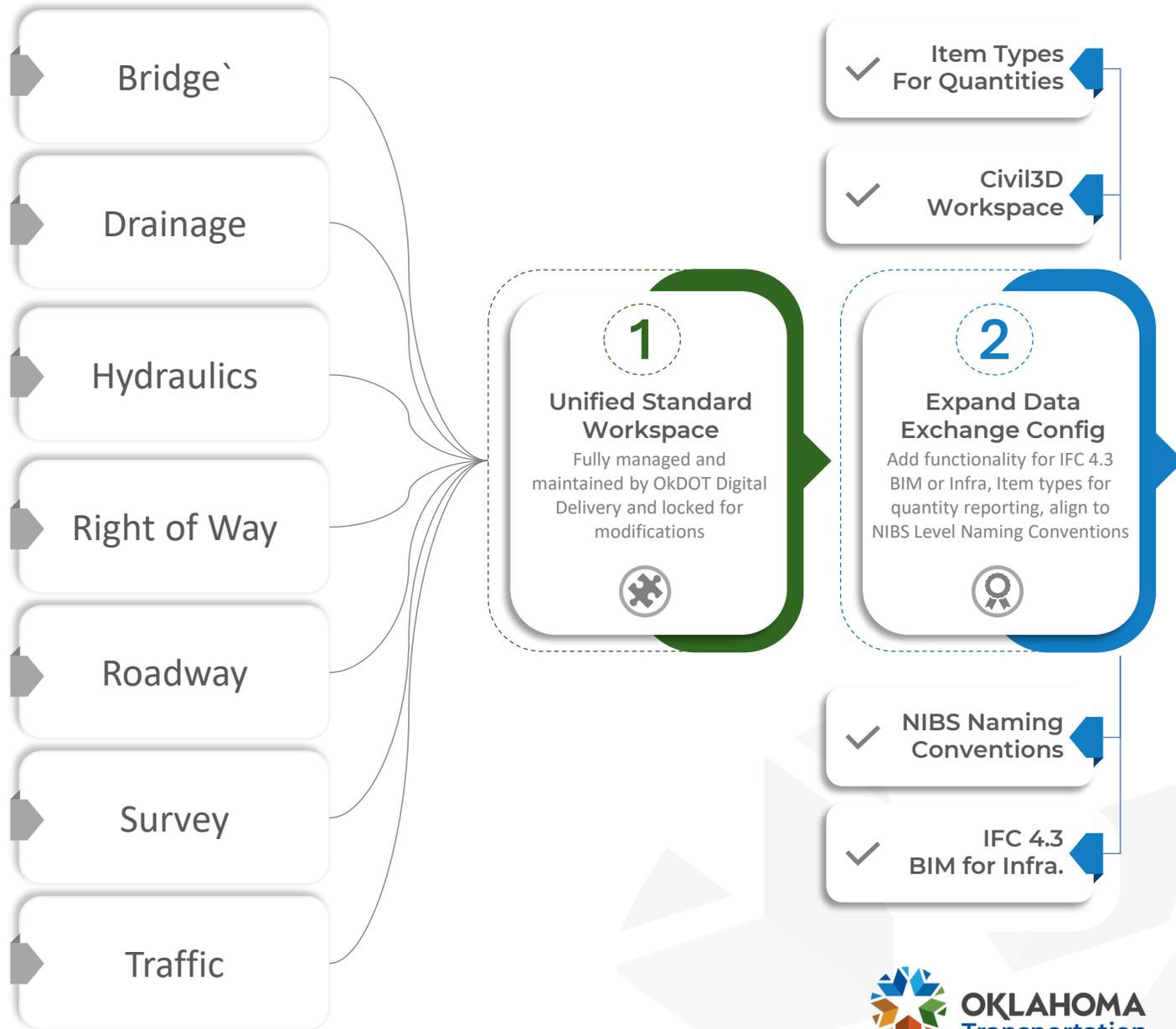
**Design Authoring Tool Update**

- Unified Production Environment
- Phase 2 Removal
- Phase 1 Removal
- Identify Software Versions

# Goals

## Process and Data Exchange Standardization

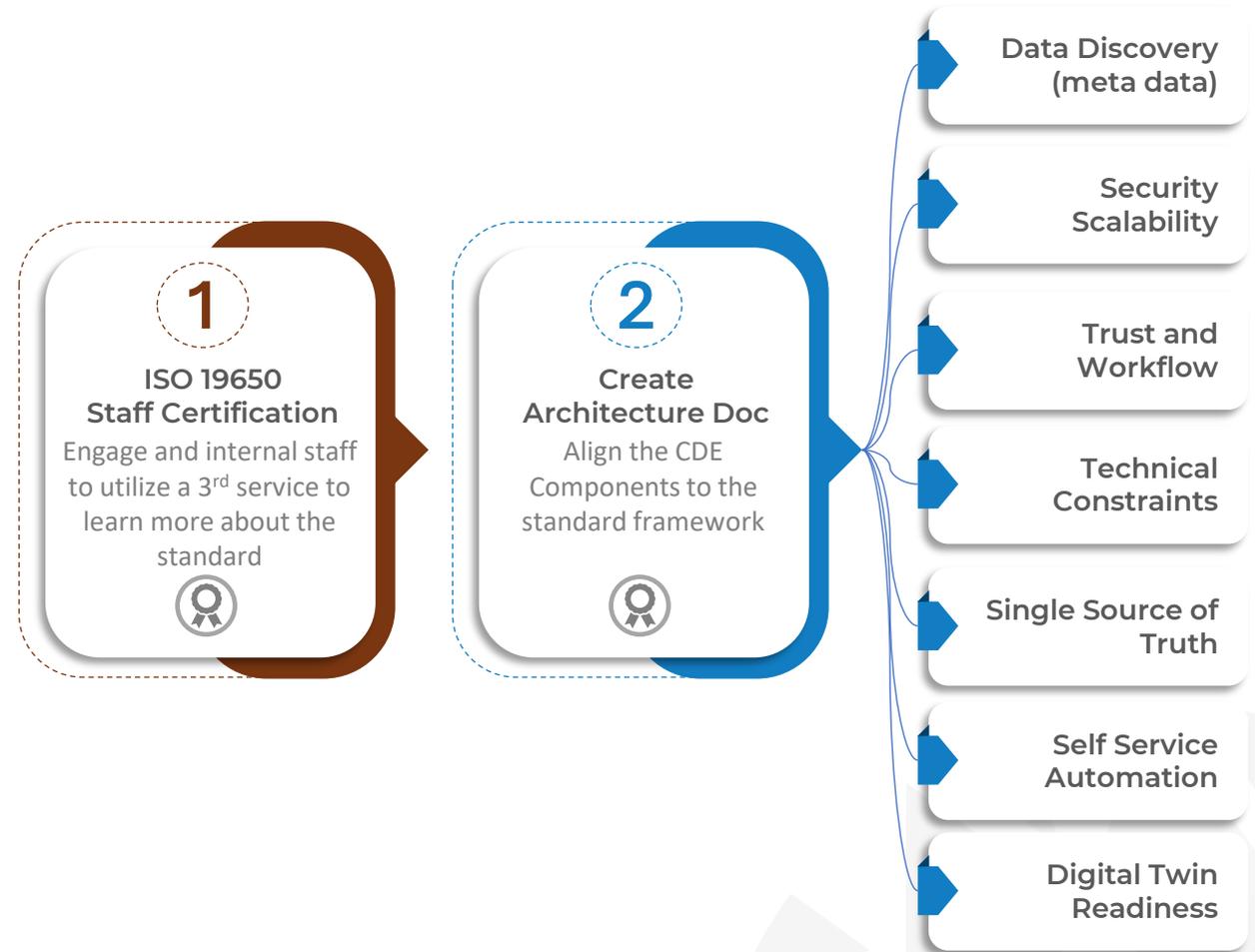
Challenge:  
Build a Unified Workspace aligning to standards to allow meta data to be exchanged easily across State Lines.



# Goals

## Process and Data Exchange Standardization

Challenge:  
Build a Unified Common Data Environment aligned to ISO 19650 parts 1-5.



## ➤ Confusion



The “Missing”  
Document



The Solution DDSG  
(Digital Delivery  
Stakeholder Group)



The “Rosetta Stone”  
Crosswalk Table



Critical Nuances are  
apparent

...difference  
is in your

**MIND**

You must

**UNLEARN**

what you  
have  
learned



**OKLAHOMA**  
Transportation

## ➤ Contact

### **Katie Brown, P.E., S.E.**

Digital Delivery Division Engineer  
Oklahoma Department of Transportation  
Katie.Brown@odot.ok.gov

### **Michael Pearson**

Digital Delivery Program Manager  
Oklahoma Department of Transportation  
Michael.Pearson@odot.ok.gov



*Distracted by the words, you are! The work cares not what you call it. Flow the data must, regardless of the name. Whether 'Task Team' or 'Roadway' you say... the deadline, move it does not.*