

Date:

Participating Members:

Assessment Context:

**C-Store, Integrate, and Access Data**  
**2-Asset Life-Cycle Data Integration Workflows**

**C.2.c – Project Development to Project Delivery**

**Element Description** Established data flows from project development to project delivery. Consider both maintenance/operations activities and construction projects.

Benchmark Level 0	Benchmark Level 1	Benchmark Level 2	Benchmark Level 3	Benchmark Level 4
No defined data flow between project development and project delivery/construction.	Data views are defined to facilitate access to, and review of, project development information. This data is presented in a manner intended for use in downstream project delivery / construction activities.	Simple data flows are implemented, allowing pre-population of key administrative and project-level information (e.g. project identifiers and limits, bid items and charge codes, general work activities) into base project delivery tools and systems.	More detailed data flows are implemented, allowing individual assets and/or activity details to be pre-populated into the project delivery tools and systems, including asset acceptance inspection systems and work accomplishment tracking tools.	Design information automatically populates delivery/construction information. Work accomplishment information is largely pre-populated based on design documents to facilitate direct acceptance or modification with limited data entry.
Current: <input type="checkbox"/> Desired: <input type="checkbox"/>	Current: <input type="checkbox"/> Desired: <input type="checkbox"/>	Current: <input type="checkbox"/> Desired: <input type="checkbox"/>	Current: <input type="checkbox"/> Desired: <input type="checkbox"/>	Current: <input type="checkbox"/> Desired: <input type="checkbox"/>
<input type="checkbox"/> Develop standard views or reports to expose design information for use in project delivery (e.g. acceptance inspection or payment).	<input type="checkbox"/> Transform key data stored in design systems/documents to support integration into project delivery processes.	<input type="checkbox"/> Transform detailed data stored in design systems/documents to support integration into project delivery processes.	<input type="checkbox"/> Assess and refine existing data flows to include additional detail (or reduce detail). Develop specifications for direct and complete integration into project delivery processes.	
<input type="checkbox"/> Engage Subject Matter Experts (SMEs) from project development and delivery to identify opportunities for improved coordination.	<input type="checkbox"/> Pilot test and implement simple, manual or semi-automated data integrations. Provide quality assessment tools to support informed data use.	<input type="checkbox"/> Pilot test and implement batch processes to transfer data. Integrate quality assessment tools to ensure appropriate data use.	<input type="checkbox"/> Pilot test and implement fully automated processes to transfer data. Integrate quality assessment tools to ensure appropriate data use.	
<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	

# Data and Information Systems for Transportation Asset Management

**Assessment Notes:**

**Improvement Notes:**