

Date:

Participating Members:

Assessment Context:

A-Specify and Standardize Data

1-Inventory, Condition, and Performance

A.1.a – Asset Inventory Data Model

Element Standardized asset categories, component breakdowns and core attributes, providing the foundation for asset inventory information tracking,
Description integration, summary, and reporting.

Benchmark Level 0	Benchmark Level 1	Benchmark Level 2	Benchmark Level 3	Benchmark Level 4
There are no commonly adopted definitions or methodologies for tracking inventory information for a given asset or asset type.	The asset has been defined, and the approach for asset inventory has been established – e.g. sampling versus full inventory; itemize each asset versus counts.	An asset breakdown structure has been established to define various asset subtypes and components. There are clear criteria for assigning sub-types and identifying components.	A minimum set of required inventory attributes have been identified (e.g. unique identifier, location, install date, asset subtype, size/measure). Additional recommended and optional data elements have been identified. The desired extent of collection has been established.	A detailed asset information model has been defined that supports direct integration with project and maintenance information, contracts and/or design files.
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"/> Define the “asset” and determine how the asset inventory should be recorded to support current/desired practice.	<input type="checkbox"/> Develop the “asset breakdown structure”, providing clear criteria for identifying various asset “sub-types” and “components”.	<input type="checkbox"/> Specify detailed inventory data elements for each asset, sub-type, and component. Set required, recommended, and optional inventory data.	<input type="checkbox"/> Document a detailed asset information model facilitating direct integration of asset inventory with maintenance work orders and project files.	
<input type="checkbox"/> Coordinate with field and office staff to identify current inventory data collection practices and standards.	<input type="checkbox"/> Evaluate existing inventory standards to identify gaps or inconsistencies in current standards for improvement.	<input type="checkbox"/> Specify minimum levels of inventory data coverage to meet decision-making, communication, and reporting needs.	<input type="checkbox"/> Routinely evaluate the asset information model to ensure alignment with TAM, project, and maintenance development needs.	
<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	

Assessment Notes:

Improvement Notes:
