

APWA Asset Management Road Map Maintenance and Operations Strategies

Condition Assessment

Levels-of-service drive how you will measure the condition of your assets and measure your performance in accomplishing your service. In the maintenance and operation of your asset you will need to measure three conditions:

- What is the maintenance condition of the asset – what is the condition during the useful life of the asset. Is it functioning as constructed? For example – time to repair an asset.
- What is the operational condition of the asset – how is the asset functioning during it's useful life. For example – the efficiency of the asset in performing its function.
- What is the physical deterioration of the asset over time.

Example:

Road Operations Division Asset Condition Rating Scale

"No Work" Necessary At This Time	0	- No Defect	Very Good Condition
	1	- (A) Defect Level; Single/Isolated	
	2	- (A) Defect Level; Several/Sporadic	
	3	- (A) Defect Level; Predominant	
"Work Should" Be Completed Prior To Next Assessment Cycle As Priorities Allow	4	- (B) Defect Level; Single/Isolated	Fair Condition
	5	- (B) Defect Level; Several/Sporadic	
	6	- (B) Defect Level; Predominant	
"Work Should" Be Completed As Soon As Practicable	7	- (C) Defect Level; Single/Isolated (may impact another asset)	Poor Condition
	8	- (C) Defect Level; Several/Sporadic (may impact another asset)	
	9	- (C) Defect Level; Predominant (may impact another asset)	

NOTE: "This asset condition scale is not intended to be utilized to address conditions that pose an immediate or imminent threat to public safety or property. If an asset is found to be in such condition as to pose an immediate threat to public safety, property or habitat, corrective action should be taken as soon as possible."