

Asset Management Update

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California Government Code Requirements (SB486) (GC - 14526)

- **Caltrans**
 - Prepare a “robust asset management plan”
 - The plan shall assess the health and condition of the State Highway System
 - The plan shall guide future SHOPP investments
 - Plan must be completed by 2020
- **Commission**
 - Commission adopts the asset management performance measures and targets
 - Commission approves the asset management plan

Moving Ahead for Progress in the 21st Century (MAP-21) Requirements

- **MAP-21 Defines the following:**
 - National goals and performance measures (not finalized)
 - Minimum management system requirements
 - Performance reporting requirements
 - Requires a “risk based” asset management plan
 - Defines the minimum contents of the plan
 - Defines penalties for not having a plan
 - Establishes minimum condition for bridges
 - Penalties for not meeting certain condition levels

Prior Commission Action

- In March of 2015, the Commission adopted the following asset classes and performance measures:

Asset Class	Units	Performance Measures
Pavement	Pavement Area	Good, Fair, Poor (MAP-21 Definition)
Bridges	Deck Area	Good, Fair, Poor (MAP-21 Definition)
Culverts	Length	Good, Fair, Poor
ITS Elements	Each	Good (Operational) or Poor (Non-operational)

Recommendation #1

- The Federal Rule Making process has not completed defining the technical requirements for the national pavement and bridge performance measures.
- The Department recommends that the Commission permit the use of the existing performance measures until the MAP-21 measures are finalized.

Asset Class	Measure	Baseline Condition	Unconstrained Goals
Pavement	Distressed Pavement	84%(Good)	10% Good
Bridges	Distressed Bridges	93% (Good)	96% Good
Culverts	Good, Fair, Poor	14% (Poor)	10% Poor
ITS Elements	Good (Operational) or Poor(Non-Op)	68% (Good)	90% Good

Recommendation #2

- The CA. Government Code is silent on the fiscal constraint and time horizon to be used for the development of asset management performance targets.
- The Department recommends that the Commission adopt fiscally constraint and a 4 year time horizon for targets with updates every even year to be consistent with MAP-21 and to correspond with the delivery of the SHOPP.