



DATE: April 20, 2016
TO: Transportation Commission
FROM: Debra Perkins-Smith, Director, Division of Transportation Development
William Johnson, Performance and Asset Management Branch Manager
SUBJECT: Asset Management Workshop

Purpose

This presentation will familiarize the Transportation Commission members with five assets: surface treatment, bridge, culverts, walls and tunnels. It provides background on the program and sets the stage for a more in-depth discussion in May, regarding the approval by the Commission of the FY20 asset management planning budget for all 11 categories; thereby continuing the 4-year program of projects.

Action

Informational item. Provides information for future Transportation Commission action.

Background

In February, the Commission heard a general overview of the asset management program. The April presentation of five assets continues the in-depth review from March (during which six assets were highlighted), providing information on inventory, condition, performance metrics and targets. Asset management programs must be able to demonstrate with a quantified performance measure the benefit of additional investment. Asset management focuses on capital preservation and replacement and does not fund additional capital projects.

The five assets presented in this workshop include surface treatment, bridge, culverts, walls and tunnels. The surface treatment program repairs, rehabilitates, replaces and preserves CDOT's highways. Colorado's bridges are managed by CDOT with two programs: 1) Bridge Enterprise uses its funds for bridge replacement, and 2) the bridge preservation program uses preventive maintenance and repair to preserve bridges. The culverts program identifies those culverts in need of essential repairs and works to resolve them. The walls program is a new program at CDOT and is working through the initial inventory and condition assessment of walls on CDOT's highways. The tunnels program includes three major tunnels: Eisenhower-Johnson Memorial Tunnel, Hanging Lake Tunnel and Wolf Creek Tunnel, along with 16 smaller tunnels. These tunnels are going through their initial comprehensive condition assessment following the issuance of Federal tunnel rules. Both walls and tunnels are new assets in the Asset Investment Management System (AIMS) model.

Details

Each asset manager will provide a summary of their program status. In May, staff will present their FY20 asset management budget recommendation to Commission for review. The FY20 asset management budget will be finalized during the annual budget cycle in 2019.

Next Steps

During the May TC Workshop William Johnson will present the CDOT Staff Recommendation for the FY20 Asset Management Budget to the Transportation Commission for approval. Additionally, staff expect to have a discussion with the Transportation Commission in subsequent months to discuss progress on metrics identified in Policy Directive 14 to start the budget process for FY18.

Summary of Presentations:

February: Overview - completed

March: Buildings, signals, ITS, road equipment, geohazards and MLOS - completed

April: Surface treatment, bridge, culverts, walls, and tunnels

May: FY20 Planning Budget

Attachments

Attachment A: Asset Management Workshop Presentation



