

## Proposed Approach to Developing the Statewide Transportation System Preservation Report

**GOAL:** To develop a Ten-Year Statewide Transportation System Preservation Analysis, including an estimate of the cost of unmet preservation needs for the next ten years. Estimates provided are in current (2010) non-escalated dollars and represent the need above the current funding available.

**DEFINITION OF PRESERVATION:** The system preservation needs estimate incorporates costs for preventive maintenance and rehabilitation and reconstruction.

- **Preventive Maintenance** is a planned strategy of cost-effective treatments to existing transportation systems and its appurtenances that preserves the system, retards future deterioration, and maintains or improves the functional condition of the system (without significantly increasing the structural capacity). *Source: AASHTO Standing Committee on Highways, 1997.* Preventive maintenance strategies are typically applied to assets in good condition having significant remaining service life to ensure the structural integrity of transportation systems serving people and freight.
- **Rehabilitation and Reconstruction** strategies are applied to assets in fair to poor condition to restore the asset to an acceptable operating condition.
- Preservation needs also includes the cost of **Regulatory Mandates** that are required to continue to access the system

**BACKGROUND:** The existing transportation system represents decades of major investment. The preservation of this investment is critical to maintain both the mobility and economic vitality of the State.

For Consistency and comparison to the 1999 report prepared in response to Senate Resolution 8 (Burton, 1999) *Inventory of Ten-Year Funding Needs for California's Transportation Systems*, the unmet preservation needs are defined as the rehabilitation and operations needs for state highways, local streets and roads, the state's intercity rail programs, and urban, commuter, and regional transit systems, including ferry systems, airports, seaports and border crossings over the next ten years.

**REPORT OUTLINE:**

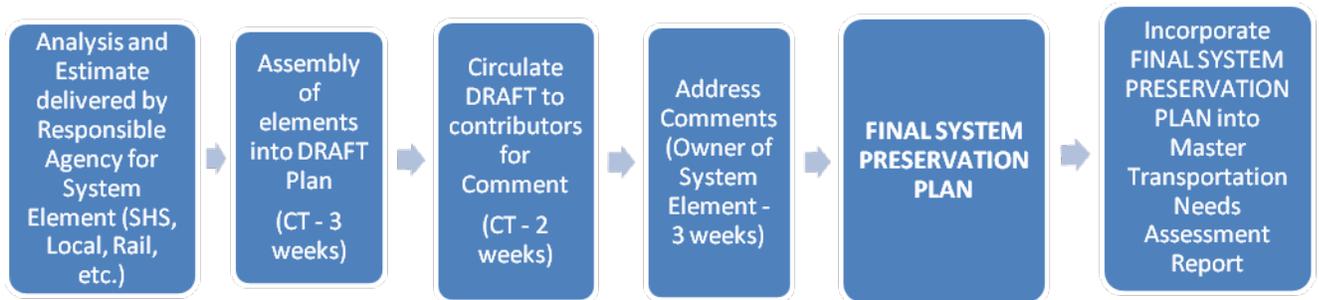
1. Executive Summary
2. Introduction
3. System Elements
  - a. State Highway System rehabilitation and reconstruction; pavement, bridges, roadside, operational improvements, safety, major damage restoration
  - b. State Highway System Maintenance
  - c. Local Streets and Roads
  - d. Intercity Rail; including rolling stock
  - e. Transit
  - f. Airport – Commercial Aviation
  - g. Airport – General Aviation
  - h. Seaports
  - i. Border Crossings
4. Conclusion

**TASKS:**

System Elements	Responsible Agency	Agreed Delivery Date	Comments/Notes/Reference
a. State Highway System rehabilitation and reconstruction; pavement, bridges, roadside, operational improvements, safety, major damage restoration	Caltrans (Rachel Falsetti)	December 1, 2010	Content for the Preservation plan will be taken from the 2011 SHOPP Ten-Year Plan.
b. State Highway System Maintenance	Caltrans (Tony Tavares)		Much of the content for the Preservation Plan will be taken from the five-year Mtce Plan
c. Local Streets and Roads	CSAC (Deanna Baker)	December 17, 2010	
d. Intercity Rail; including rolling stock	Caltrans (Bill Bronte)	December 1, 2010	
e. Transit	CTA (Josh Shaw)	Tentative December 31, 2010	
f. Airport – Commercial Aviation	Commission (Jim Lites, Terry Schott)		
g. Airports – General	Caltrans (Gary		

Aviation	Cathey)		
h. Seaports	Commission (Omar Bnejamin)		
i. Border Crossings	Commission (SANDAG – Gary Gallegos)		

**SCHEDULE:**



<b>ANALYSIS AND ESTIMATE NEEDS TO BE COMPLETE BY</b>	<b>TO GET A FINAL SYSTEM PRESERVATION PLAN BY</b>
January 3, 2011	February 28, 2011

- **Due January 3, 2011** → Analysis and Estimate delivered by Responsible Agency for System Element (SHS, Local, Rail, etc.)
- **January 3 to January 24, 2011** → Assemble draft Preservation Plan
- **Complete by January 24, 2011** → DRAFT Preservation Plan
- **January 25 to February 7, 2011** → Circulate DRAFT Preservation Plan for comments
- **Comments due February 7, 2011** → Final Comment due
- **February 8 to February 26, 2011** → Final Comments incorporated
- **Submit Final Plan February 28, 2011** → Final System Preservation Plan submitted
- **March 2011** → Incorporate FINAL SYSTEM PRESERVATION PLAN into Master Transportation Needs Assessment Report

**MASTER TRANSPORTATION NEEDS ASSESSMENT:**

The goal of this effort is to incorporate the Preservation Needs Assessment into a Master Plan for the Transportation Needs. This Master Plan will incorporate other essential and unmet transportation funding needs which are included in the System Management, and Expansion pieces.

**ATTACHMENT:**

Proposed Template for System Element Analysis and Estimate