



Metro

**PLANNING AND PROGRAMMING COMMITTEE
APRIL 19, 2006**

**SUBJECT: 2006 LONG RANGE TRANSPORTATION PLAN: PRELIMINARY
PERFORMANCE ANALYSIS**

ACTION: RECEIVE AND FILE

RECOMMENDATION

Receive and file report on the performance analysis for the 2006 Long Range Transportation Plan Update.

ISSUE

Staff are updating Metro's Long Range Transportation Plan. As an early step in this process, staff are conducting system and corridor performance analysis as well as updating the financial assumptions of the Plan. The results of this analysis will be presented to the Board in April.

DISCUSSION

The following section discusses the performance analysis for the countywide transportation system and corridors, as well as the Plan's financial analysis update.

System Analysis

The first step of the performance analysis is to examine how the transportation system is functioning today and projected to in the future. This has been done through examining the performance of several transportation modeling scenarios. Staff have examined the benefit of three scenarios; 1) the existing transportation system today, 2) the future transportation system for 2030 with no new projects, but with increases in population and employment (the no build scenario), and 3) the future transportation system for 2030 with future population and employment increases and the projects that are included in the constrained 2001 Long Range Transportation Plan. Staff have evaluated these scenarios using performance measures for mobility, cost effectiveness, air quality, and access. These scenarios provide a starting point for evaluating the performance of new projects that could be included in the 2006 Long Range Transportation Plan. The results of this analysis will be included in the April staff presentation.

Corridor Analysis

In order to assess the performance of new projects that could be included in the 2006 Constrained Long Range Transportation Plan, staff examined various corridor performance measures for corridor mobility and corridor need. These included the following corridor mobility measures:

- Transit projects
 - Boardings per mile
 - Boardings per million dollars
- Highway projects
 - Hours saved per mile
 - Hours saved per million dollars

The following measures of current corridor need were also analyzed:

- Population and employment density
- Major activity centers/mile
- Boardings/mile
- Transit dependent population
- Highway congestion

The objective is to estimate the benefit of candidate projects. All projects in the 2001 Strategic Plan as well as various projects beyond the strategic plan were studied. The results of the corridor analysis will be included in the April staff presentation.

Financial Analysis

The financial foundation of the Long Range Transportation Plan is a rigorous analysis of projected revenues and costs through the Plan's 2030 horizon date. The staff presentation will provide an outline of the financial picture, including funds that are uncommitted and can be used for new transportation initiatives.

NEXT STEPS

Staff is proceeding with the development of the Draft Long Range Transportation Plan. In May, staff will present recommendations to the Board for programs and projects that could be included in the Constrained Plan element or the Strategic Plan element. Upon Board action, staff will integrate Board recommendations into a draft Plan that will be released for public review.

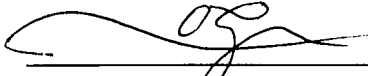
In July, staff plan to provide the Board with the draft Long Range Transportation Plan update and seek Board approval to release the document for a 45-day public review period.

Finally, in October, upon review of comments received during the public review process, staff plan to present to the Board any recommendations for changes to the draft Plan. The Board will then take final action to approve the 2006 Long Range Transportation Plan update, which can then be submitted to the Southern California Association of Governments for inclusion in their pending 2008 Regional Transportation Plan.

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