



METROPOLITAN
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COMMISSION

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Memorandum

TO: Equity and Access Subcommittee

DATE: February 13, 2013

FR: Sri Srinivasan

RE: Proposed Methodology for Investment Analysis of the 2013 Transportation Improvement Program (TIP)

The purpose of this presentation is to receive feedback on the updated methodology staff is planning to adopt in conducting the investment Analysis of the 2013 Transportation Improvement Program (TIP).

Background

The federally required TIP is a comprehensive listing of all Bay Area surface transportation projects that are to receive federal funding or are subject to a federally required action, or are considered regionally significant for air quality conformity purposes. The 2011 TIP was adopted by the Commission on October 27, 2010 and approved by the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) on December 14, 2010. It is valid through December 13, 2014.

MTC and the other Metropolitan Planning Organizations (MPOs) in California have historically followed a Caltrans directed update schedule (that is consistent statewide) to update the TIP every two years. Based on the two-year update schedule, the Draft 2013 TIP and accompanying Transportation-Air Quality Conformity Analysis were released for public review and comment on June 22, 2012. MTC held a public hearing on July 11, 2012, and the comment period closed on August 2, 2012.

In keeping with the previous 2011 TIP Investment Analysis, staff developed the Draft 2013 TIP Investment Analysis. The methodology focused on two distinct but complementary analyses:

- **Population/Use-Based Analysis:** Distribution of investments to low-income/minority populations based on share of overall transportation system usage.
- **Geographic/Access-Based Analysis:** Distribution of investments to communities of concern (CoC) and non-CoCs based on geographic locations of projects and programmatic investments.

In addition to the analytical methodologies and based on feedback received from the MTC Policy Advisory Council, staff has also mapped all the 2013 TIP projects that are mappable and overlaid them over Communities of Concern; and census tracts with above average minority populations. The Table 1 illustrates the methodologies used in the Draft 2013 TIP Investment Analysis. The results of the analysis were presented to the MTC Policy Advisory Council in July 2012. The Draft 2013 TIP Investment Analysis is attached for your reference.

Table 1: Draft 2013 TIP Investment Analysis Methodology – June 2012

Analysis Type		Populations Analyzed	Expenditure Category
1	Population Use Based	Minority vs. Non-Minority Trips/Population	Total Funding
			Transit Funding
		Low-income vs. Non-low-income Trips/Population	Bridge/Highway/Road Funding
			Total Funding
2	Geographic/Access Based	Population in Communities of Concern (CoC) vs. Remainder of Region	Transit Funding
			Total Funding
			Bridge/Highway/Road Funding
3	Mapping Overlays	Communities of concern vs. non-CoCs	Mapped Road and Transit Projects
		Minority vs. Non-Minority Tracts	Mapped Road and Transit Projects

Several commenters noted the timing mismatch between the scheduled adoption of the 2013 TIP and Plan Bay Area. In September 2012, MTC postponed the development and adoption of the new TIP to more closely align with development and adoption of Plan Bay Area, the region’s long-range transportation plan and Sustainable Communities Strategy (RTP/SCS). Plan Bay Area is currently slated for adoption in June 2013. Therefore, it is time to continue to develop the 2013 TIP and update the draft 2013 TIP Investment Analysis.

Proposed Methodology for the 2013 Investment Analysis

Based on the feedback staff has received as part of the outreach conducted for the Plan Bay Area Equity Analysis, the proposal in front of you today is to update the methodology to be used for the 2013 TIP Investment Analysis.

Staff proposal is to mimic the methodology approved for the investments analysis to be conducted as part of the Plan Bay Area Equity Analysis and only use the Population / Use-Based analysis and to map have mapping overlays of all the mapped projects in the region. Table 2 illustrates the proposed methodology.

Table 2: Draft 2013 TIP Investment Analysis Methodology – February 2013

Analysis Type		Populations Analyzed	Expenditure Category
1	Population Use Based	Minority vs. Non-Minority Trips/Population	Total Funding
			Transit Funding
		Low-income vs. Non-low-income Trips/Population	Bridge/Highway/Road Funding
			Total Funding
2	Mapping Overlays	Communities of concern vs. non-CoCs	Mapped Road and Transit Projects
		Minority vs. Non-Minority Tracts	Mapped Road and Transit Projects

Next Steps

The Draft 2013 TIP including the investment analysis and Draft Air Quality Conformity Analysis will be released for public review on March 29, 2013. A public hearing on the Draft 2013 TIP is scheduled for Wednesday April 10, 2013, in the MTC Auditorium. The close of comments is currently scheduled for Friday, May 3, 2013, at 5 p.m.

In April, staff will present a preliminary investment analysis of the 2013 TIP for discussion and feedback. The analysis is intended to make more user-friendly investment data available to the Council and the public. At its regularly scheduled June Committee meetings, MTC will consider public comments received by the end of the comment period. MTC is scheduled to approve the final transportation-air quality conformity analysis and the 2013 TIP on June 26, 2013, during its regularly scheduled Commission meeting.

Staff looks forward to working with the subcommittee on the analysis methodology.

Attachments: Draft 2013 TIP Investment Analysis, June 2012