


ALAMEDA COUNTY TRANSPORTATION COMMISSION

2016 Countywide Transportation Plan Update

Process Update and Performance Measures



Presentation to Planning, Policy and Legislation Committee
January 11, 2016

Presentation Overview

- Progress on CTP development
- Overview: What is Performance Based Planning?
- Technical Evaluation Approach
- Performance Measures for the 2016 CTP
- Next Steps

2016 CTP – Vision and Goals

Vision

Alameda County will be served by a premier transportation system that supports a vibrant and livable Alameda County through a connected and integrated multimodal transportation system promoting sustainability, access, transit operations, public health and economic opportunities



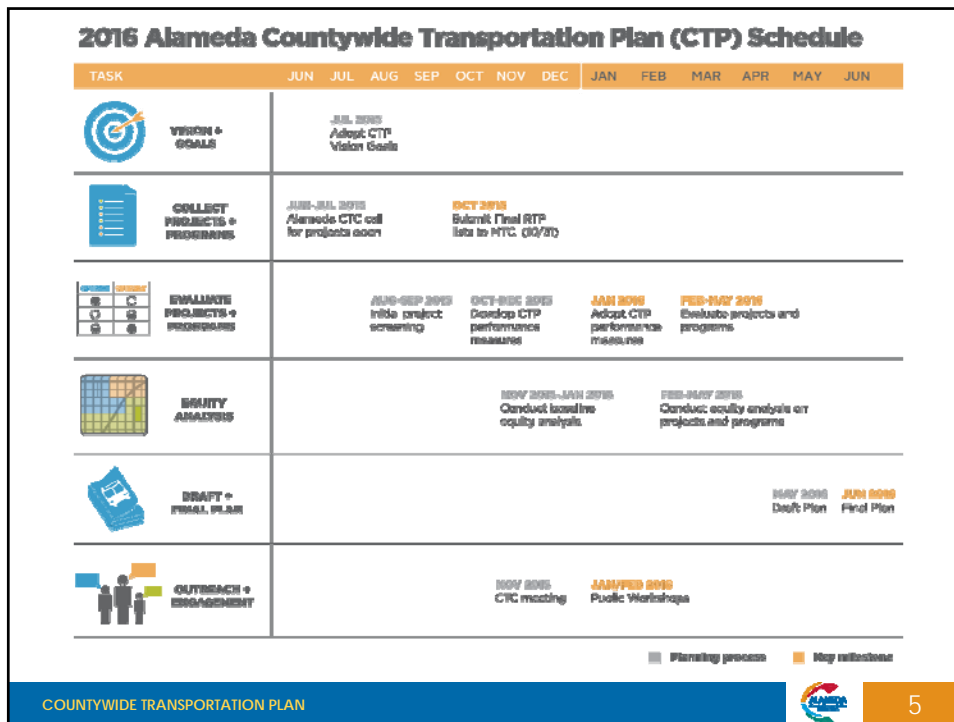
2016 CTP – Vision and Goals

Goals

Our transportation system will be:

- **Multimodal**
- **Accessible, Affordable and Equitable** for people of all ages, incomes, abilities and geographies
- **Integrated** with land use patterns and local decision-making
- **Connected** across the county, within and across the network of streets, highways and transit, bicycle and pedestrian routes
- **Reliable and Efficient**
- **Cost Effective**
- **Well Maintained**
- **Safe**
- **Supportive of a Healthy and Clean Environment**



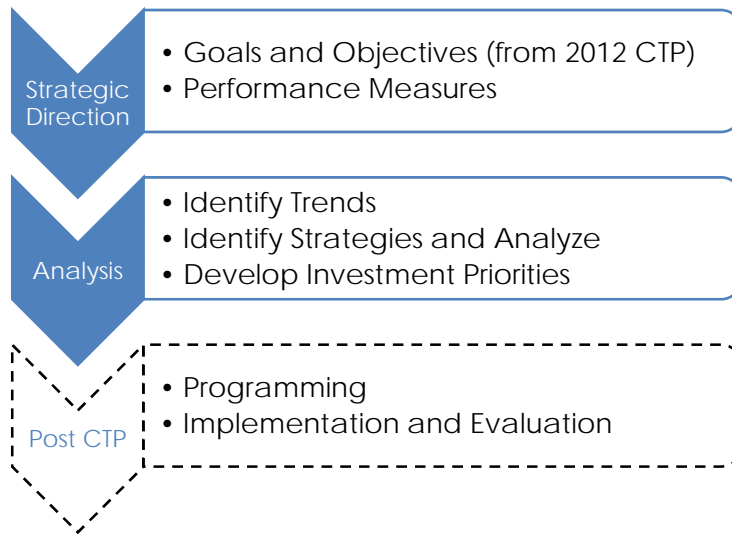


Performance-Based Planning

“Performance-based planning is a data-driven, strategic approach, providing for public and stakeholder involvement and accountability, in order to make investment and policy decisions to attain desired performance outcomes for the multimodal transportation system”

-Federal Highway Administration

Performance-Based Planning



Technical Evaluation Approach

- Two technical methods:
 - Geographic analysis using a GIS server
 - Modeling work using the Alameda County travel demand model
- Fully integrated with modal plan work
 - CTP is union of performance-based planning work completed by the modal plans
 - Understand synergies between CTP and recommendations from the three countywide modal plans

Performance Measures

- Sources:
 - 2012 CTP performance measures
 - Modal Plans performance measures
- Designed to:
 - Allow understanding of progress towards adopted goals
 - Be analyzed using currently available data and tools
 - Be forecasted and influenced by investments
 - Be simple and reliable
 - Be readily understood by diverse audience



Performance Measures

- 14 measures
- Five categories
 - Travel efficiency (all modes incl. freight)
 - Transit use and active transportation
 - Transportation impacts on the environment
 - Improvements to economy (jobs, & access)
 - Connectivity and safety (all modes, incl. freight)



Performance Measures (8 of 14)

MEASURES OF TRAVEL EFFICIENCY (all modes including freight)

Network congestion: Percent lane miles of congestion [and/or] Volume/Capacity on critical screenlines

Travel time: Travel time by mode (auto, transit, freight)

Travel time reliability: Ratio of average peak to off-peak period travel time

MEASURES OF TRANSIT USE AND ACTIVE TRANSPORTATION

Transit & active transportation mode share: Percent trips made by non-auto modes

Transit ridership: Daily transit passengers carried per transit revenue hour

MEASURES OF TRANSPORTATION IMPACTS ON THE ENVIRONMENT

Vehicle miles traveled: VMT per capita (used to estimate GHG and other emissions)

Carbon emissions: GHGs

Particulate emissions: PM (2.5)



Performance Measures (6 of 14)

MEASURES TO IMPROVE THE ECONOMY (jobs and access)*

Employment accessibility: Number of jobs accessible by 30-minute drive or 45-minute transit trip (by sector, by traffic analysis zone)

Activity center accessibility: Households within 20-minute drive or 30-minute transit trip of activity centers, e.g. universities, government centers, jobs centers, health facilities (by income groupings, by traffic analysis zone)

Equitable transit availability: Percent of low-income households within 0.25 mile of bus stop and 0.5 mile of rail station.

MEASURES OF CONNECTIVITY AND SAFETY (all modes including freight)

Pavement Condition Index: Unmet maintenance needs over plan horizon period

Safety: Rate of injury/fatality crashes

Network connectivity by mode

*measures for freight included under travel efficiency





Next Step: January Public Open Houses

We want to hear from you about the transportation priorities in Alameda County!

Stop by any time during the Transportation Open Houses to share your ideas about these transportation projects and programs:

- Bicycle and Pedestrian
- Transit
- Roads and Highways
- Goods Movement

FOR MORE INFORMATION

Please call Saravana Suthanthira, Senior Transportation Planner, Alameda CTC at (510) 248-7400 or visit: www.alamedactc.org/countywidetransportationplan

Individuals who require special meeting accommodations (accessible seating) should contact Alameda CTC at least 72 hours in advance of the workshop.

Individuals who require special language accommodations (American Sign Language interpreter, documentation in alternate formats, etc.) please call Lisa Abboud, InterEthnica at (415) 795-1851.

What Are Your Transportation Priorities?

Transportation Open Houses

Date	Time	Location
Sunday, January 10	2 -4pm	Dublin Library
Thursday, January 14	5:30 -7:30 pm	Alameda CTC
Saturday, January 23	10am-12 pm	Hayward City Hall
Sunday, January 31	2 – 4 pm	Fremont Library



Recommendation

The Committee is requested to approve the proposed CTP performance measures

