



ALAMEDA COUNTY TRANSPORTATION COMMISSION
2017 Congestion Management Program
Monitoring Network Update



A presentation to ACTAC
March 9, 2017

Presentation Overview

2

- CMP Legislative Background
- CMP Network
- 2017 CMP Network Update
- Transit Monitoring Network
- Next Steps

Background

3

- State law requires the Congestion Management Agencies (CMAs) to have the five Congestion Management Program (CMP) elements:
 - Designate a CMP roadway network and conduct biennial level of service monitoring
 - Multimodal performance review and report
 - Travel demand management
 - Land use analysis program
 - Capital improvement program
- The CMP was last updated and adopted in October 2015.
- Next CMP update adoption in Fall of 2017.

2017 CMP Monitoring Network Update

CMP Network

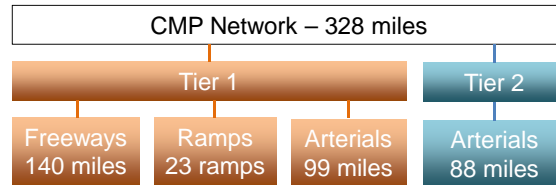
4



2017 CMP Monitoring Network Update

CMP Network and Monitoring Periods

5



- Monitored for: Conformity Informational
- Monitoring Periods:
 - Two hour AM (7-9) and PM (4-6) peak periods and Weekend peak period (12-2 PM)
 - Tier 1 PM peak period data is used for Conformity

2017 CMP Monitoring Network Update

2017 CMP Network Update

6

- Purpose of the CMP Network Update:
 - Expand the CMP roadway network for better understanding of a major corridor performance countywide
 - Beginning multimodal performance monitoring with the addition of new Transit Monitoring Network
- Criteria used for the CMP roadway network expansion and Transit Monitoring Network identification based on the efforts of the Countywide Modal Plans.

2017 CMP Monitoring Network Update

2017 CMP Network Update

7

- Criteria to identify new segments based on Countywide Modal Plans:
 - High order facilities – throughways or county connectors (Multimodal Arterial Plan)
 - AC Transit and LAVTA major corridors (Multimodal Arterial Plan)
 - Tier 2 Goods Movement Routes (Multimodal Arterial Plan and Goods Movement Plan)
 - Rural routes in East County that carry sizeable traffic volumes (Multimodal Arterial Plan)
- Alameda CTC proposes 221 miles of new segments to the Tier 2 network.

2017 CMP Monitoring Network Update

Transit Monitoring Network

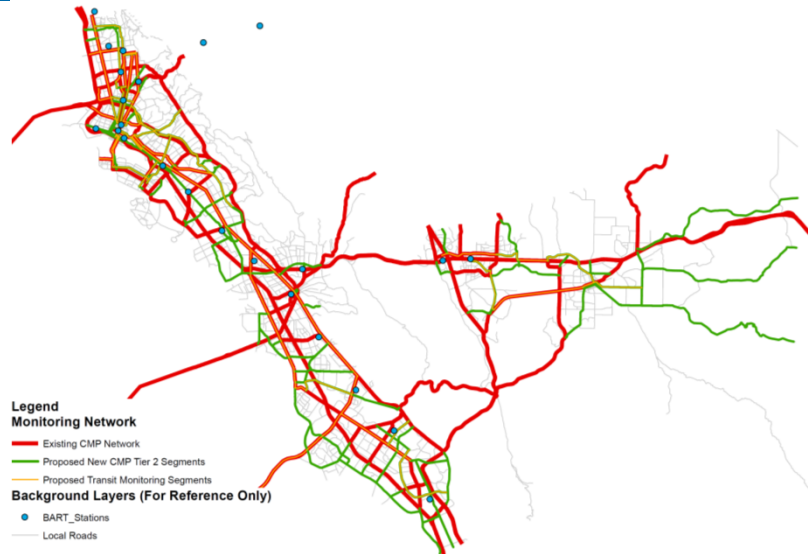
8

- Network consistent with AC Transit's Major Corridor Study and LAVTA's updated service.
- Alameda CTC proposes to monitor transit performance on a 146-mile transit monitoring network as part of the CMP network.
- Transit performance monitoring to begin in 2018.
- Performance measure compares average speed of transit vehicles by route versus prevailing auto speed.
 - Measure is consistent with DLD MPFA performance measure

2017 CMP Monitoring Network Update

Proposed 2017 CMP Network

9



Next Steps

10

- Next Steps
 - Update all other CMP elements and bring to the Commission for approval – Fall of 2017
 - Begin LOS monitoring and transit performance monitoring on expanded CMP network – Spring of 2018

2017 CMP Monitoring Network Update

Questions?