Today’s Presentation

PPLC Items 5.1 and 5.2
- Performance Report: Countywide Trends
- CTP Needs Assessment: More local focus and recommendations

Two Agency mandates
- CMP performance monitoring
- Use that information to inform planning and decision-making
The 2020 CTP Development Path

- Performance Report
- Needs Assessment
- Gaps Analysis
- CTP
- Alameda County 10-Year Priorities
- Strategies to Address Gaps

Engagement
- 2018/19 Surveys and Jurisdiction Meetings
- Intercept Surveys, Focus Groups, Workshops
- Planning Area meetings with ACTAC
- Planning Area meetings with Commissioners
- Interception Surveys, Focus Groups, Workshops

2019 County Context

- Economic Growth & Demographic Change
- Travel Patterns and Mode Choice
- Goods Movement
- Collisions and Safety
Economic Growth and Demographic Change

Unemployment at a historic low
Population growth slowing throughout the Bay Area
Household income rising
Population aging

Historically Low Unemployment

Source: BLS, San Francisco, Oakland-Hayward Metropolitan Area

November 2019
2.2% Unemployment
Job and Population Growth in 2018

- North Bay: +8,000 jobs (1.0%)  
  No Pop Growth
- East Bay: +15,000 jobs (0.9%)  
  +20,000 residents (0.7%)
- SF and Peninsula: +31,000 jobs (2.6%)  
  +5,000 residents (0.3%)
- South Bay: +26,500 jobs (2.5%)  
  +6,500 residents (0.3%)

Population growth slowing throughout the Bay Area, including Alameda County.

The East Bay added almost twice as many new residents as the rest of the Bay Area combined.

Peninsula and South Bay added 5 jobs for every net new resident in 2018.

Source: DOF Jan 1 2018 to Jan 1 2019, BLS QCEW Jan 2018 and Jan 2019 (provisional)

Population Growth Pushing East

- North: +3,000 (0.3%)
- Central: +1,300 (0.3%)
- South: +3,700 (1.0%)
- East: +4,400 (1.9%)
- W. San Joaquin County: +8,900 (2.5%)
- Eastern Contra Costa County: +3,500 (1.2%)
- Central Contra Costa County: +2,600 (0.5%)
- Northwest Contra Costa County: +1,000 (0.4%)

Source: DOF, January 1, 2018 to January 1, 2019
Household Income Rising

- Median Income
- Mean Income

Source: US Census American Community Survey (ACS) 1-year 2010-2018

Rents Rising Faster than Income

- Housing costs rising faster than income
- 40% of residents are housing burdened
- Vacancy rate very low throughout the Bay Area
- Natural population growth (births) slowing

Source: US Census American Community Survey (ACS) 1-year 2010-2018
Alameda County Aging

Travel Patterns and Mode Choice

Commutes getting longer

Alameda County has the second most multimodal commutes in the state

Transit ridership rebounded
Commute Times Rising

Source: US Census Bureau, ACS 1-year 2010-2018

Freeway Congestion

Source: Alameda CTC LOS Monitoring Report, 2018 (AM and PM LOS F)
Commutes Continue to be Multimodal

- 8th consecutive year transit mode share has increased
- Commute trips are the longest trips we make
- Walk/Bike decline and auto increase not statistically significant
- 3rd consecutive year carpoo mode share has declined

Source: US Census Bureau, ACS 1-year 2010-2018

Alameda County Transit Ridership

- Bus ridership improving after long decline
- BART ridership recovering after sharp decline in 2017
- Ferry and Commuter Rail growing fast

Source: ACE, AC Transit, BART, Capitol Corridor, LAVTA, WETA, Union City Transit
Port Volume at Record High

- Port of Oakland handled a record volume in 2018
- Preliminary data for 2019 showing signs of a slowdown

Goods Movement

Port volume historically high

Truck volumes highest in Alameda County
Daily Truck Volumes in Alameda County

Collisions and Safety

Total collisions, per capita and per VMT all increasing

Bikes and pedestrians the most vulnerable
High-Injury Networks

- Most collisions occur on the most heavily used roads: Just 4% of roads account for 60-65% of collisions
- Bikes and pedestrians most vulnerable: account for 10% of collisions but 45% of fatal and severe collisions
- Today’s Focus: Updated numbers

Total Collisions Rising

*Provisional data
Source: TMS 2010-2017
Collision Rates on the Rise

Pedestrian Collisions Rising
Bike Collisions Declining

Source: TIMS 2010-2017

Fact sheets and more information available at: alamedactc.org/congestion-management-program
What are cross cutting needs and issues to strategically address in the Plan?

How do needs vary by different users of the transportation system?

How can strategies, projects and programs we prioritize in the Plan help meet the needs?

Are we capturing everything?

Needs Assessment: Users

- Active Transportation
- Transit
- Freeways
- Goods Movement
- Arterials
- People with Disabilities and Seniors

Needs assessment for people with disabilities and seniors conducted in 2017
Today’s Focus

Active Transportation | Freeways | Transit | Arterials | Goods Movement

MARCH 2020

Needs assessment for people with disabilities and seniors conducted in 2017

Needs Assessment: Geography

Alameda County

Countywide
- Challenges
- Potential strategies

Planning Areas
- Context
- Challenges
- Opportunities
Differences among Planning Areas

Mode Share  | Population & Employment Density  | Street Design  | Direction of Commute Flow

Commute Mode Share by Planning Area

<table>
<thead>
<tr>
<th></th>
<th>North</th>
<th>Central</th>
<th>South</th>
<th>East</th>
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<tbody>
<tr>
<td>Drive Alone</td>
<td>49%</td>
<td>72%</td>
<td>73%</td>
<td>74%</td>
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<tr>
<td>Carpool</td>
<td>10%</td>
<td>10%</td>
<td>11%</td>
<td>8%</td>
</tr>
<tr>
<td>Transit</td>
<td>21%</td>
<td>10%</td>
<td>9%</td>
<td>8%</td>
</tr>
<tr>
<td>Walk/Bike/Other</td>
<td>12%</td>
<td>4%</td>
<td>2%</td>
<td>3%</td>
</tr>
<tr>
<td>Telecommute</td>
<td>8%</td>
<td>4%</td>
<td>5%</td>
<td>7%</td>
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Source: US Census CTPP 2012-2016
Similarities among Planning Areas

- Safety across All Users
- Gaps & Barriers to Non-Auto Modes
- Regional & Intermunicipal Commute Travel
- Transit Access (Central, South, East)
- Impacts from Congested Corridors

Needs Assessment Part 1
Active Transportation
Active Transportation

Issues by Area

North
- >50% HIN
- Network gaps
- ROW constraints

Central
- Gaps near high capacity transit
- Rail safety at grade crossings
- Dark streets

South
- High volume roads
- Connectivity barriers
- Congestion spillover

East
- High volume roads
- Low connectivity
- Congestion spillover

Active Transportation

Addressing Needs in the CTP

2020 CTP Goals

Accessible, Affordable and Equitable
Safe, Healthy and Sustainable
High Quality and Modern Infrastructure
Economic Vitality

Goals Adopted in September 2019

In the CTP, we will:

Prioritize projects and strategies that:
- Address safety on the high-injury network
- Increase coverage of high quality active facilities
- Close major gaps and address barriers
Active Transportation

Strategies to Consider for the CTP

- Focus on HIN
- Countywide Projects
- Transit Integration
- Health and Equity
- Greenway and Trail Planning

- Emerging Mobility
- SR2S and Education
- Best Practice Resources
- Bike Parking
- All Ages and Abilities

Note: Project prioritization is happening in a separate process

Needs Assessment Part 1

Freeways
Freeways

Safety: Incident Density

North
Central
South
East

High
Medium
Low

Source: PeMS Incident Data, Spring 2018 via 2018 LOS Monitoring Report

Freeways

Congestion: Level of Service F

North
Central
South
East

AM or PM LOS F

Source: AM and PM LOS F via 2018 LOS Monitoring Report
Addressing Needs in the CTP

**2020 CTP Goals**

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<td>Economic Vitality</td>
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**In the CTP, we will:**

Prioritize projects and strategies that:
- Create alternative choices for driving alone along congested corridors
- Make strategic bottleneck safety fixes
- Strategically manage freeways

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Strategies to Consider for the CTP

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<tr>
<th>Express Lanes</th>
<th>Interchange Operations</th>
<th>Bottleneck Treatment</th>
<th>Transit System Expansion</th>
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<th>First Last Mile</th>
<th>Housing and Jobs Policies</th>
<th>Pricing</th>
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Note: Project prioritization is happening in a separate process
What we heard at ACTAC

ACTAC members were supportive of the needs assessment findings and the strategies presented.

Comments and questions focused on refining the definitions of strategies:

- Expanding safety strategies for active transportation to also incorporate Vision Zero and adding monitoring
- Clarifying freeway strategies for addressing cross-county and interregional commute trips
- Include more explicit references to technology

Today’s Focus
Future PPLC and Planning Area Discussions

Performance Report
Modal Plans
Project and Program Submissions

Needs Assessment
Part 2: Transit, Arterials, Goods Movement

Gaps Analysis
CTP
Alameda County 10-Year Priorities

Strategies to Address Gaps

Engagement

2018/19 Surveys and Jurisdiction Meetings
Intercept surveys, Focus Groups, Workshops

SPRING 2020
Planning Area meetings with ACTAC

SPRING 2020
Planning Area meetings with Commissioners

FALL 2020
CTP

2020 CTP Development Schedule

January
Performance Report and Needs Assessment Part 1

March - April
• Needs Assessment Part 2: Arterials, Transit, Goods movement
• Targeted public outreach: Focus groups, intercept surveys, and pop ups
• Planning area meetings with ACTAC on 10-year priorities, strategies, and gaps

May - June
• Update on outreach and needs for Communities of Concern
• Planning area meetings with Commissioners on 10-year priorities, strategies and gaps

July
Presentation on the draft 2020 CTP

Summer
Broad public outreach on draft Plan

Fall
Review and adoption of the final 2020 CTP
Thank You

For more information, visit www.AlamedaCTC.org