Needs Assessment Findings: East County
Foundation for Needs Identification

- 2019 Active Transportation Plan
- 2019 Safe Routes to School Program Evaluation
- 2018 LOS Monitoring Report
- 2016 Multimodal Arterial Plan
- 2016 Transit Plan
- 2016 Goods Movement Plan
Active Transportation

Key Challenges/Needs:

• High traffic volumes and speeds create an uncomfortable environment for walking and biking

• Physical barriers hinder network connectivity

• Limited connections to transit stops and stations

• Limited all-ages and abilities network that provides safe routes to schools

Data Source: Countywide Active Transportation Plan, 2019
Freeways

Key Challenges/Needs:

• Bottleneck at the I-580/I-680 interchange, with a high collision density

• Traffic on I-580 eastbound is intensifying during the PM

• Cut-through traffic onto local and rural roads

• Disconnected express lane network

• Limited commute alternatives along the I-680 corridor and eastern I-580 corridor

Data Source: LOS Monitoring Report, 2018
Arterials

Key Challenges/Needs:

• Wide roadways and traffic limit walking and biking
• Placemaking challenges
• Walking/biking access to bus stops and BART
• Freeway congestion spillover

Data Sources: Countywide Transit Plan, 2016; Countywide Active Transportation Plan, 2019
Transit

Key Challenges/Needs:

• Moderate- to low-density land use in much of East County

• “First/last-mile” access to transit stops and stations

• Limited coverage of frequent service and commute orientation of existing service

• Schedules and transfer coordination

Data Source: Countywide Transit Plan, 2016
**Goods Movement**

**Key Challenges/Needs:**

- Very high density of trucks on I-580 at First Street in Livermore
- Substantial delays and variable travel times on I-580 during peak periods
- Preserving truck routes to and from agricultural producers
- Congestion and safety impacts on nearby communities

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*East County Freight Network*

- **I-580/First Street:** 21,000 Trucks (AADT)
- **I-580/SR-205:** 14,000 Trucks (AADT)
- **Oakland Subdivision:** 11 Freight Trains/Day, 8 Passenger Trains/Day

Data source: Countywide Goods Movement Plan, 2016; Caltrans AADT Databook, 2017
Communities of Concern

- Countywide Community Based Transportation Plan (CBTP)

- Outreach in Livermore CoC:
  - Intercept survey at Doolan Park, January 2020

- Survey findings:
  - Concerns over high traffic speeds and pavement quality
  - Interest in reliable transit, separated bike lanes and trails

High Injury Network and Major Transit Corridors in Livermore’s Community of Concern
Major Needs in East County

- Improved Access to and Connectivity of High-Frequency Transit
- Reliable and Competitive Non-SOV Commute Options
- Safety Improvements Across All Modes and Users
- Improved Travel Time Reliability on Major Corridors