

Frontage Road Study

- Assess Potential Impacts from:
 - (1) Prohibiting trucks from Frontage Road
 - (2) Designating Frontage Road as a Truck Route
- Evaluate each scenario for potential impact on:
 - Local Streets and Intersections
 - Port Operations
 - Roadway Safety and Quality of Life for Residents
 - *For each, will consider equity impacts and potential for disparate impacts*
- Document findings in a technical memorandum that describes:
 - Truck movement and stopping activity on Frontage Road
 - Impact of prohibiting trucks from Frontage Road
 - Impact of designating Frontage Road as a truck route
 - Identifies potential actions to improve conditions



Truck Movement on Frontage Road

Data

- Use travel pattern data for trucks that includes travel routes for commercial heavy duty and medium duty trucks.

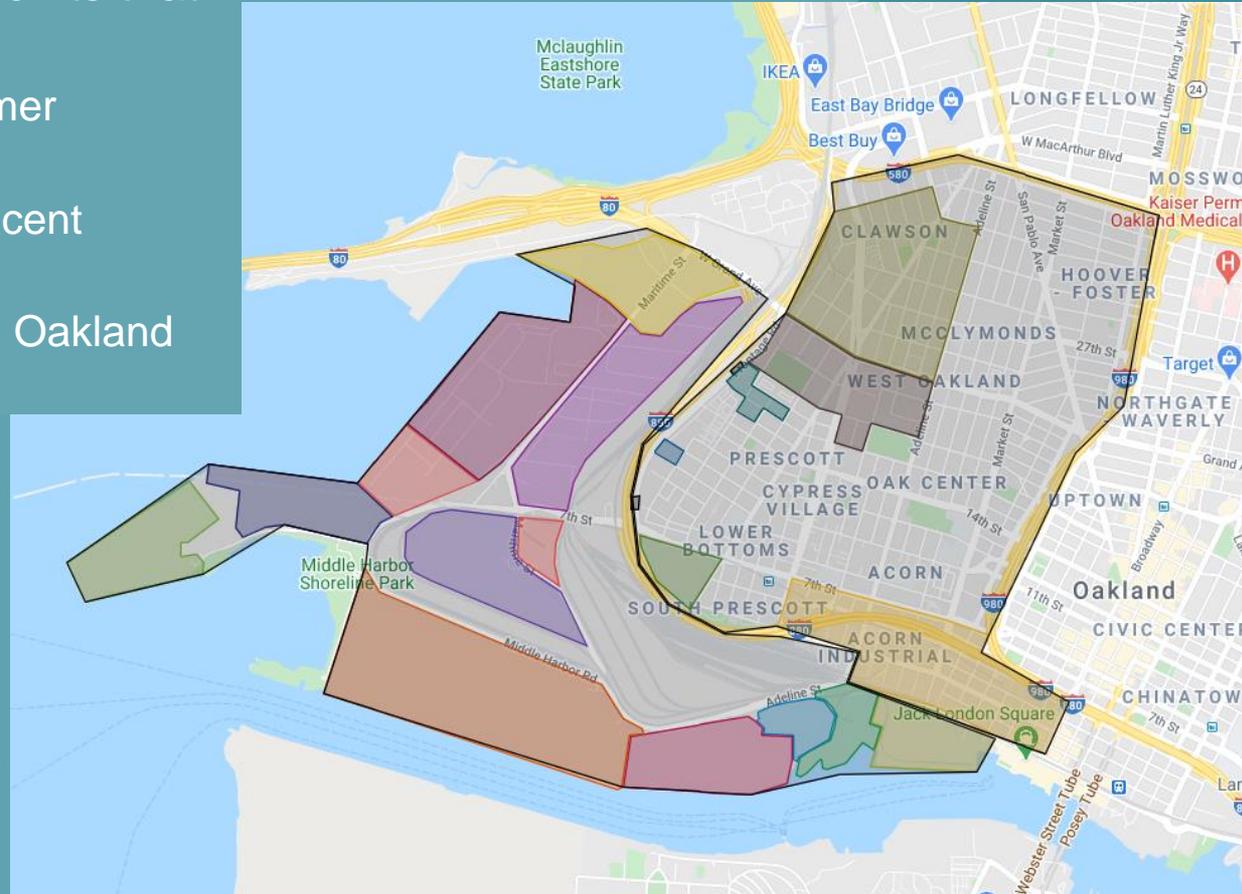
Examine

- Hourly distribution of truck travel, identifying peak demand
- Identify proportion of trucks on Frontage Road that start and/or end at:
 - Port of Oakland,
 - West Oakland, or
 - Neither
- Identify common starting and ending locations in:
 - Terminals at Port, Former Oakland Army Base
 - Businesses along/adjacent Frontage Road
 - Sub-areas of industrial Oakland



Truck Movement on Frontage Road

- Local truck generation points that will be considered
 - Terminals at Port, Former Oakland Army Base
 - Businesses along/adjacent Frontage Road
 - Sub-areas of industrial Oakland



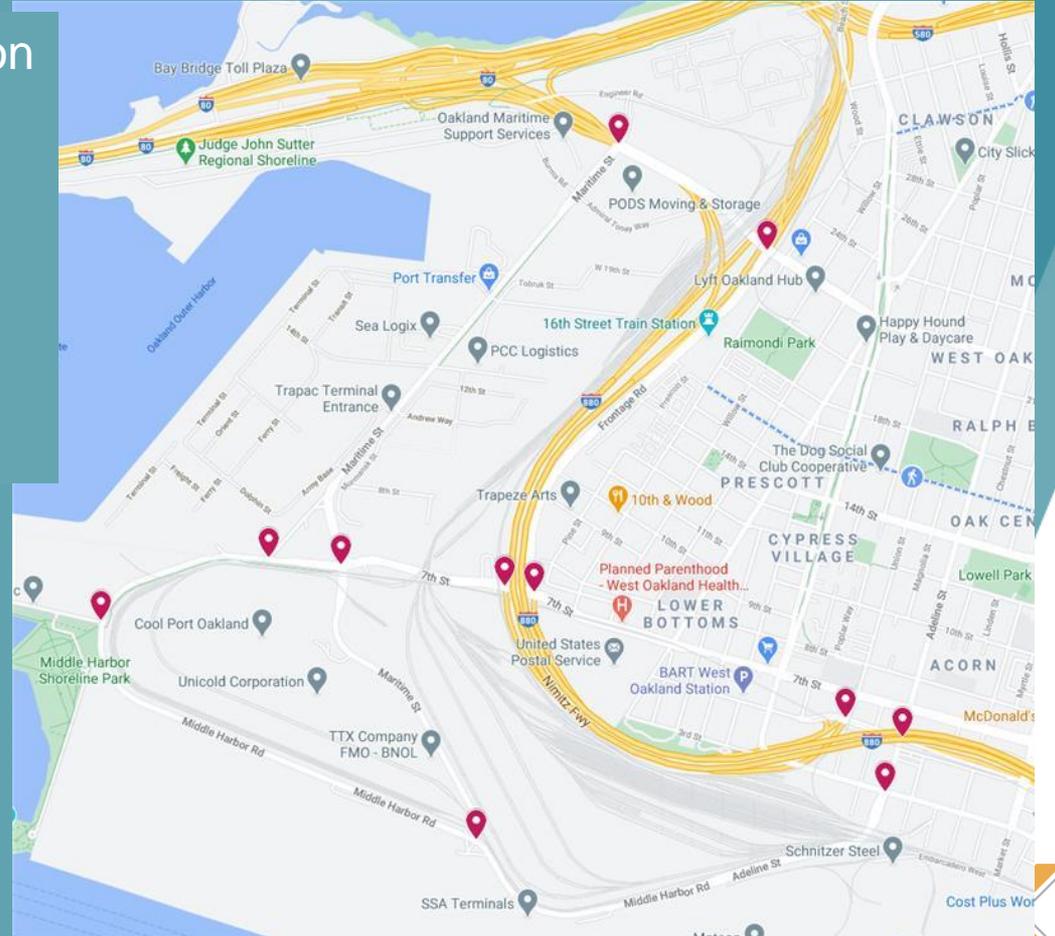
Operational Analysis

- Use existing Synchro network developed as part of the Oakland Army Base plan
- Review will include intersections in the Port of Oakland and West Oakland
- The analysis will use findings from the Truck Movement evaluation to understand where trucks may reroute under the two scenarios



Operations Analysis

- Red Icons () show intersection where operations will be evaluated



Parking/Stopping on Frontage

- Collect data on stopping/parking on Frontage Road
- Include stopping on shoulder and in median

