



# SOUTH CENTRAL FRESNO AB 617 COMMUNITY TRUCK REROUTE STUDY AND HEALTH ASSESSMENT

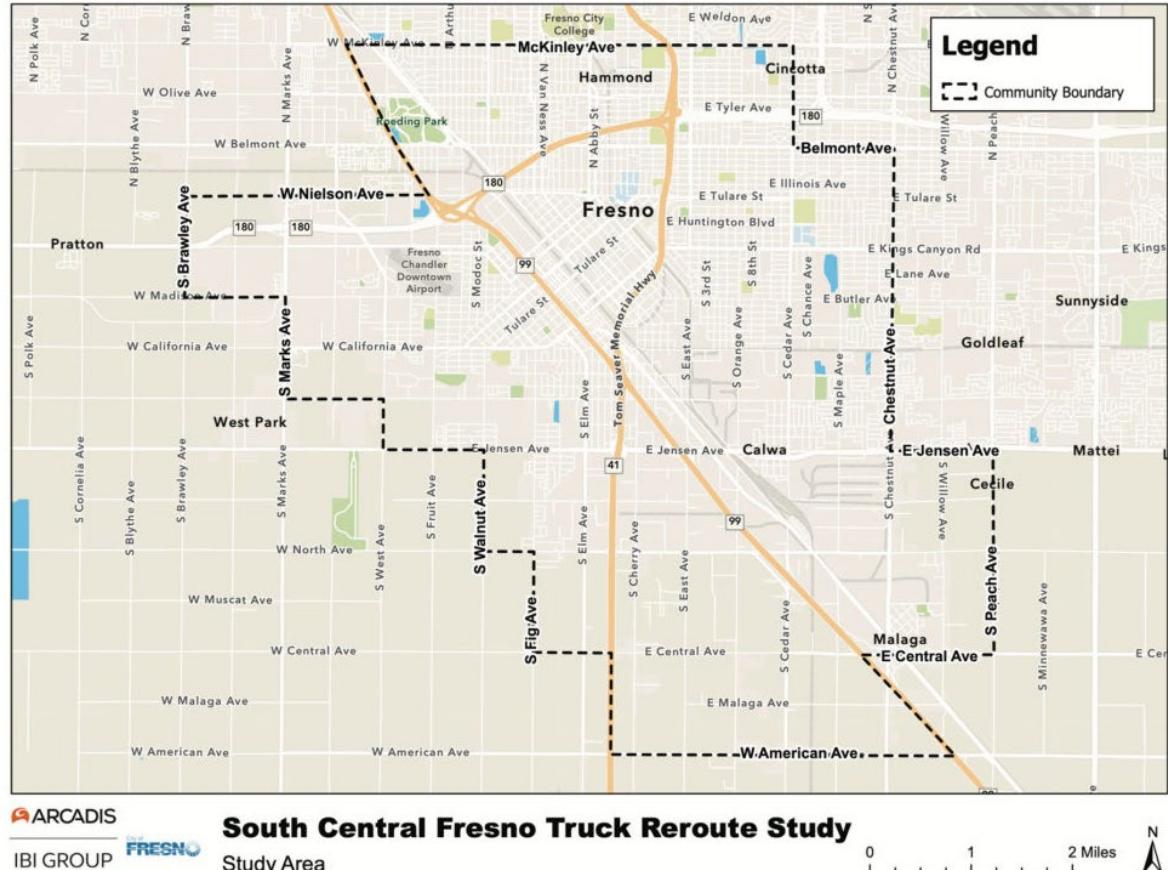
## TOWER DISTRICT SPECIFIC PLAN COMMITTEE MEETING

PRESENTED BY THE CITY OF FRESNO

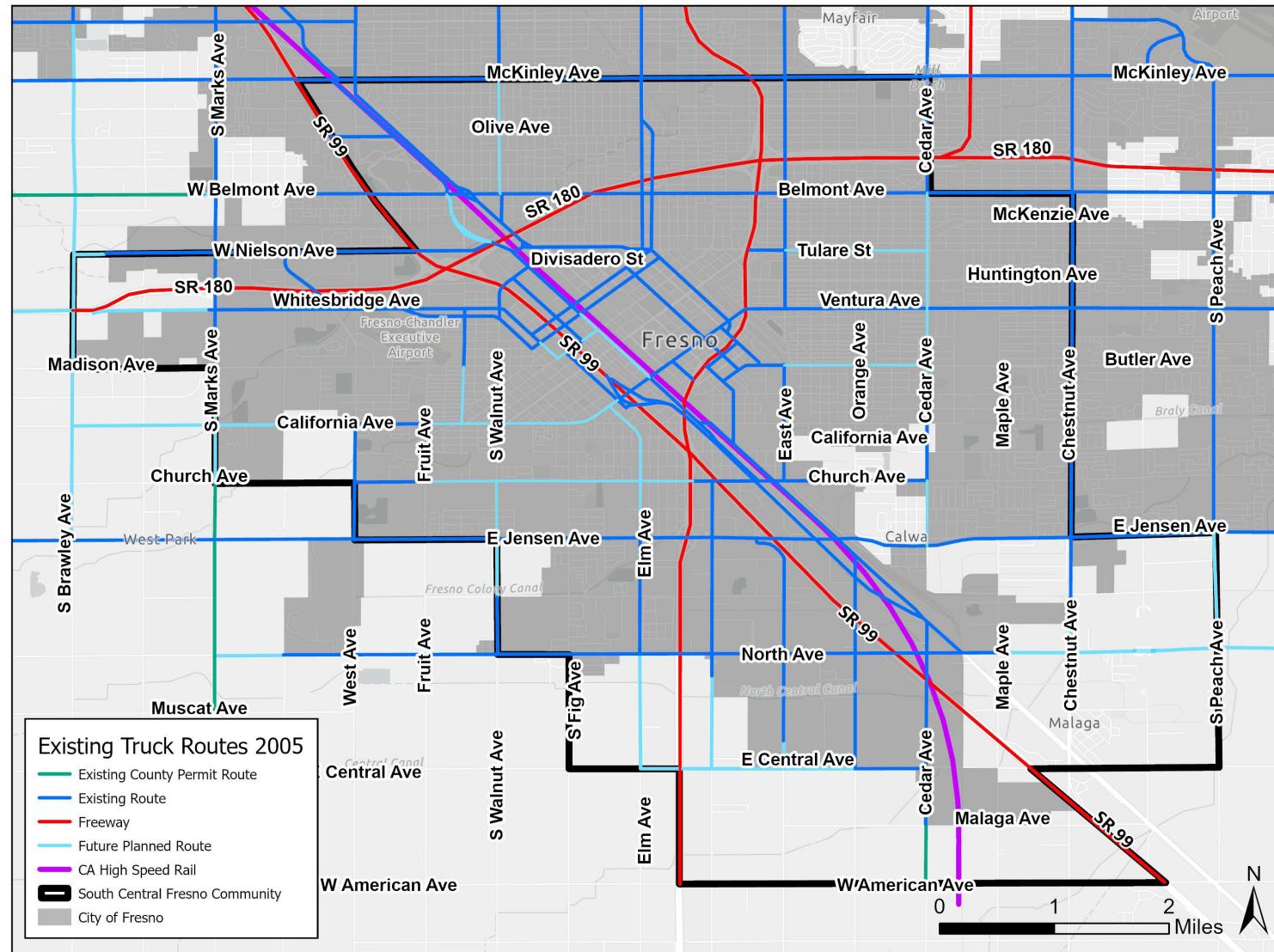
APRIL 30, 2024

# Why were these studies prepared?

- To decrease truck impacts and improve community safety in South Central Fresno while maintaining or increasing, goods movement and productivity.
- Assess the extent to which air pollution exposures influence the risk of common health outcomes.
- Explore residents health experience that are related to air pollution in the region.



# Existing Truck Routes

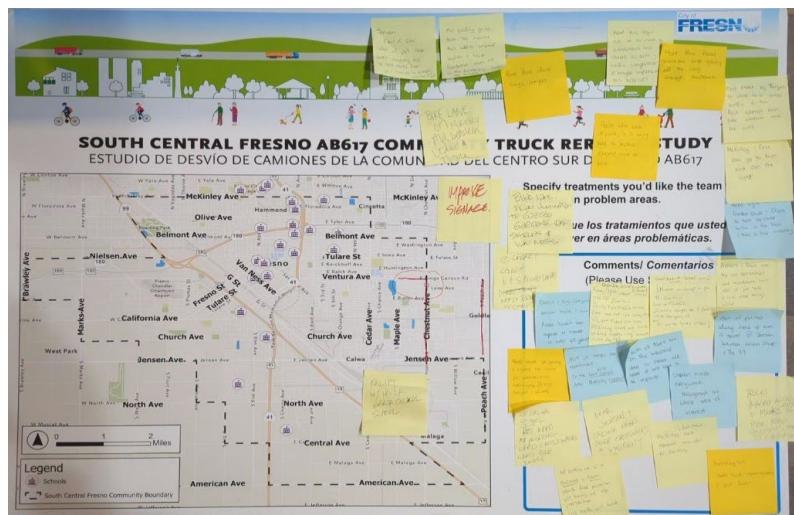
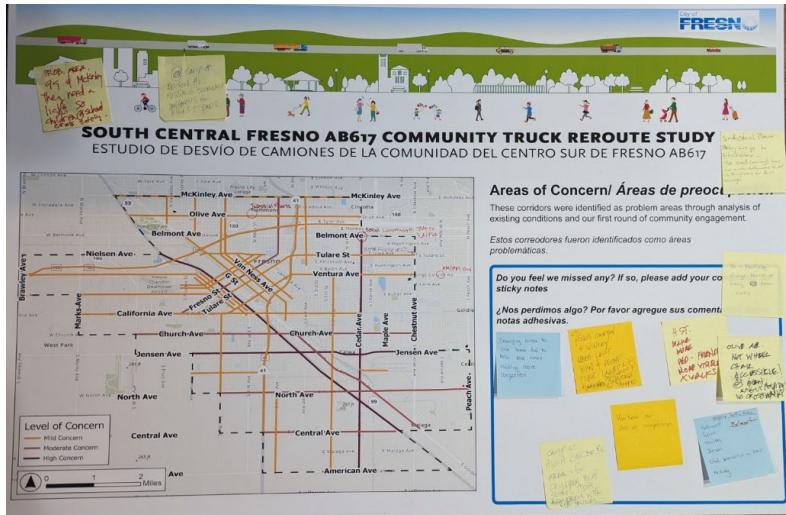


# Community Outreach

- **February 2023: Committee Recruitment**
- **March 2023: One-Hour Stakeholder Interviews (Virtual and In-Person)**
  - 7 persons interviewed
- **March 2023, December 2023, January 2024: Surveys**
- **September & October 2023: Pop-Up Events – Fiestas Patrias & Trunk or Treat at Maxie L. Parks Community Center**
  - 600+ total in-person interactions at two events
- **January 2024: Malaga Recreation Center**
  - About 30 attendees
- **Promotions**
  - Flyers, e-blasts, and social media messages for all outreach activities. Project website updated.



# Existing Conditions Phase



## Feedback Themes:

- Pedestrian and bicyclist safety issues**
  - Missing sidewalks and crosswalks near important destinations
  - Not enough separation between trucks and other users
  - Lack of bike lanes
  - Queueing at freeway on-ramps cause unsafe conditions
- Truck behavior issues**
  - Trucks drive at unsafe speeds and don't observe signs, especially near schools
  - Idling due to unsynchronized traffic signals
- Roadway infrastructure issues**
  - Damaged street surfaces, potholes

# Key Considerations for Feasible Reroute Strategies



# Strategy Toolkit

## New Sidewalks



Close gaps in the existing sidewalk network

## Roadway Maintenance



Remove potholes and cracks that reduces truck maintenance and GHG emissions

## Traffic Signalization Improvement



Improve intersections to enhance safety and flow of traffic

## New & Improved Crosswalks



Create new crosswalks and restripe existing crosswalks to increase visibility

## Traffic Calming



Implement measures to reduce truck speeds or divert trucks

## Roadway Reconfiguration



Accommodate alternative modes or alter truck movements

## New Bike Lanes



Dedicated travel lanes to enhance bicycle accessibility and safety

## Truck-Focused Signage



Informs truck drivers on truck routes and regulated areas

## Truck Regulated Area



Creates a boundary around sensitive receptors that can be used to limit truck bypass

## Non-Infrastructure Strategies

### Education & Outreach Programming

- Ensures drivers are aware of routing changes and optimizes new routes



### Truck Fuel-type, Emissions, and Idling Standards

- Allows trucks to operate efficiently and produce fewer emissions



### Truck-specific GPS Administration

- Provides info for critical route restrictions avoiding sensitive receptors

### Time-of-Day Restrictions

- Minimizes peak time congestion and improves safety



### Enforcement

- Helps maintain order and safety on roadways and deters violations

# HEALTH ASSESSMENT

# Health Assessment Draft Report

University of California, Merced – Public Health

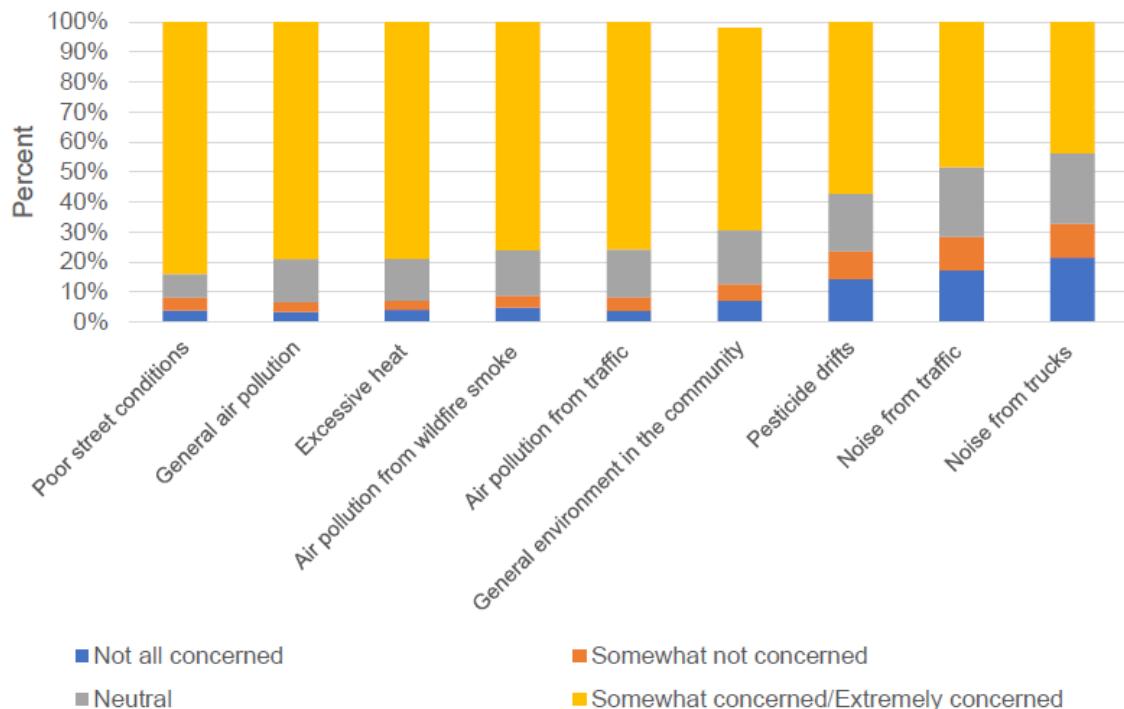
- **Pollution & Adverse Birth Outcomes**
- **Air Pollution & Asthma**
- **Air Pollution & Cardio-Cerebral Vascular Disease**
- **Community-Based Health Survey in South Fresno AB 617 Communities**



# Health Assessment Draft Report

## Feedback:

### *Residents' concerns about the environment in their community*



### **Survey results:**

- 1,766 surveys
- More than 40% of participants had one or more chronic conditions
- Many unable to rest because of air pollution & traffic or truck noise and experienced more health outcomes
- The majority wants policy action
- 84% support truck reroute to reduce pollution in their neighborhood

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## What's Next...

- Public Review Period – Spring 2024
- Community Meetings – in-person and virtual
- City Council Hearing – Summer 2024



# Thank You!

<https://www.fresno.gov/publicworks/south-central-truck-re-route-study/>



# CIRCULATION AND TRAFFIC COMMENTS

# Belmont Avenue @ HSR



# Olive Avenue @ HSR

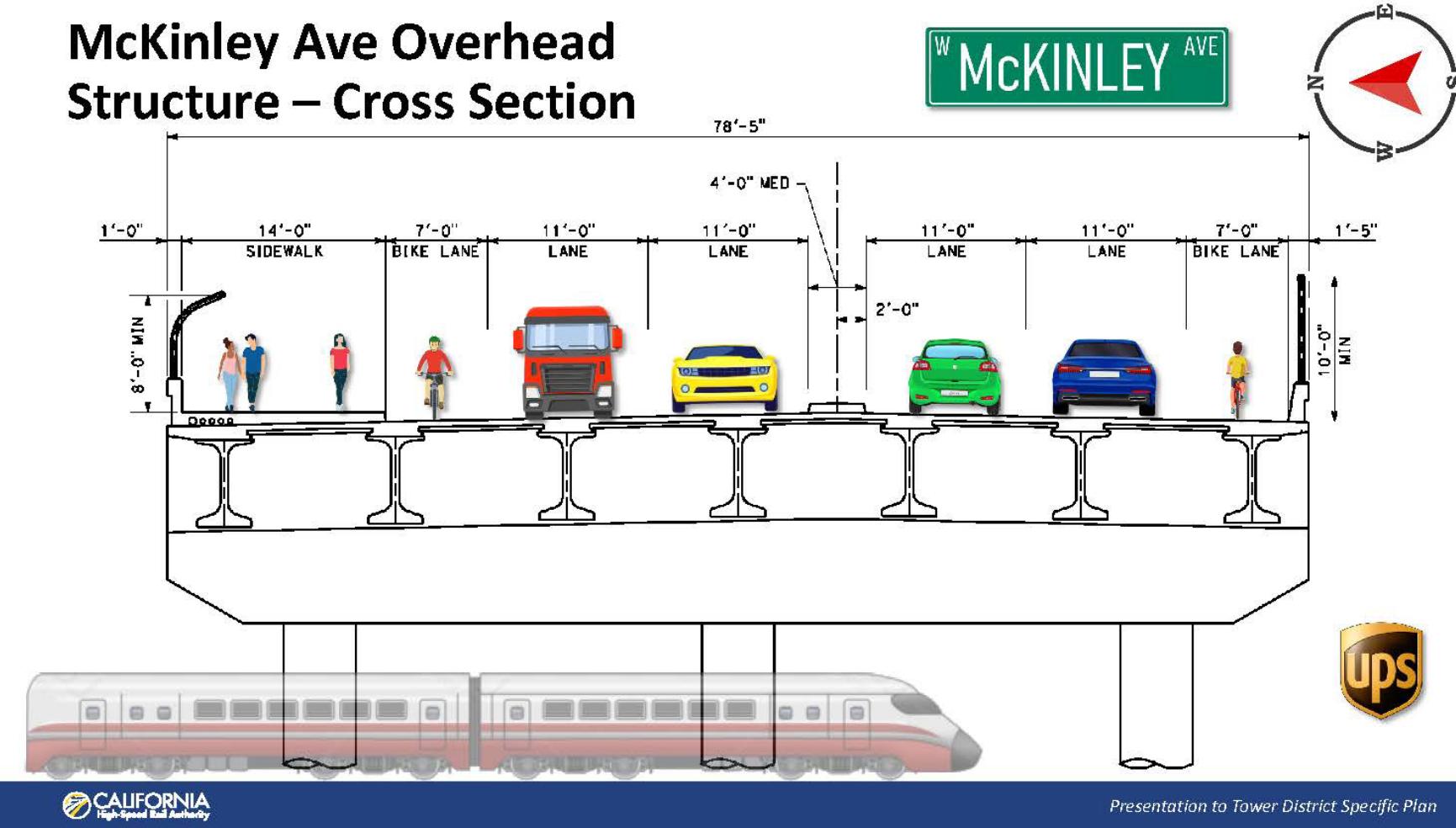


# Hwy 99 and HSR



# McKinley Avenue Cross-Section

## McKinley Ave Overhead Structure – Cross Section



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## TRAFFIC STUDIES

- HSR Environmental - <https://hsr.ca.gov/programs/environmental-planning/>
- CALTRANS - <https://dot.ca.gov/caltrans-near-me/district-6/district-6-projects/06-0w800>



# THANK YOU!