

# Phillips 66 Rail Spur Expansion Project

Supervisor Joan Hartmann

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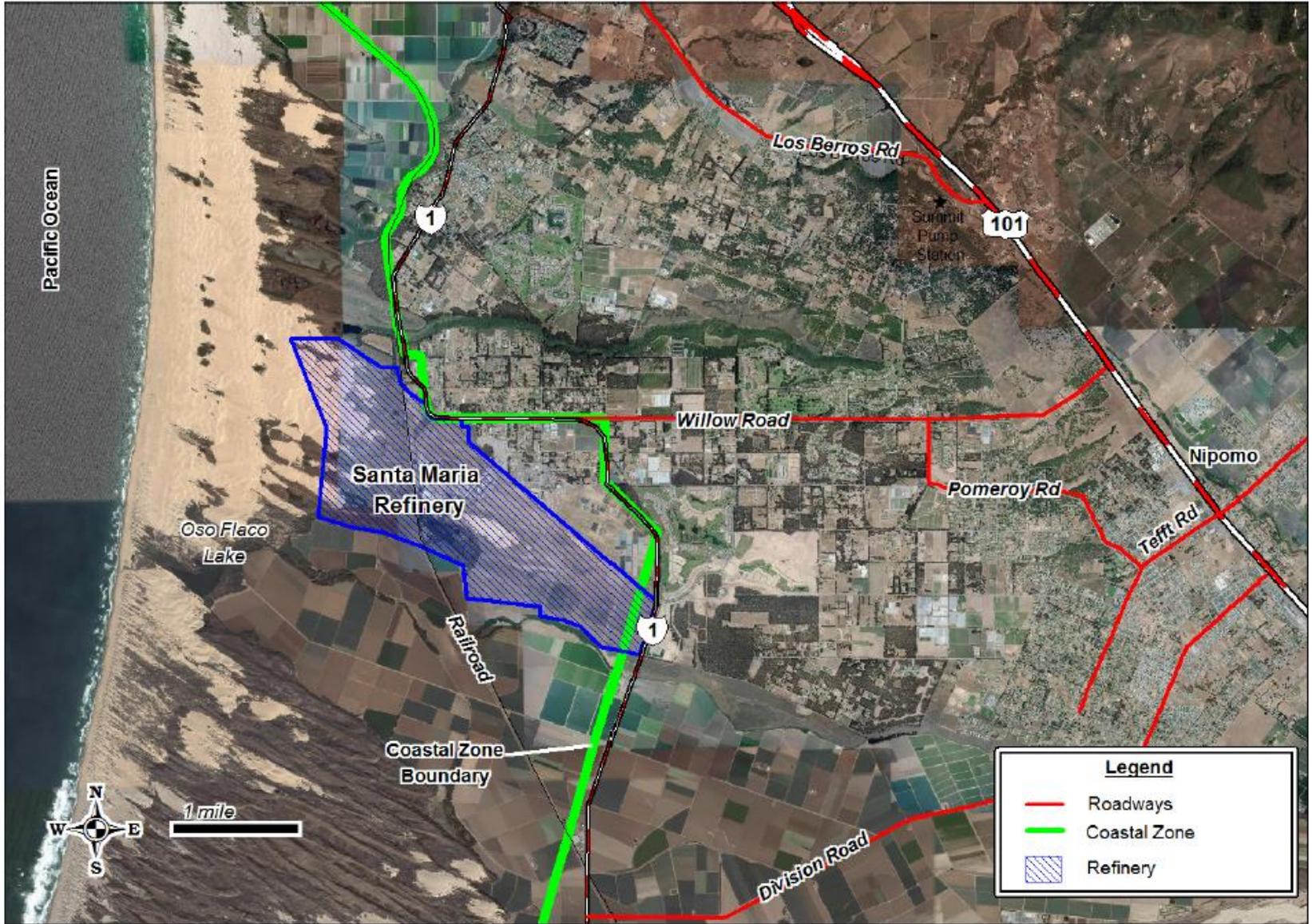
March 7, 2017

# Project Status

- Phillips 66 Rail Spur Project Was Denied by San Luis Obispo County Planning Commission on October 5, 2016  
(Deliberation and denial was based on the “Reduced train deliveries” alternative)
- Appealed to San Luis Obispo County Board of Supervisors by Jeff Edwards and by Phillips 66.
- San Luis Obispo County Board of Supervisors will hear the appeal on March 13, 2017.

# Project Overview

Figure ES-1 Proposed Project Location



# Project Overview

Figure ES-2 Location of Proposed Rail Spur Project



Notes: Yellow line denotes the boundary of the SMR property.

While the UPRR tracks pass through the refinery property, Phillips 66 does not own the railroad right-of-way. This property is owned by UPRR.

Source: Arcadis 2013.

# Tank Cars

CPC-1232 Standard Tank Cars



- Phillips 66 proposing “Reduced Train Deliveries” alternative: Reducing from 5 > 3 trains / week. 150 trains per year.
- Each train will be ~ 1 mile long – 80 tanker cars, two buffer cars and three locomotives
- 2.19 Million Gallons of crude per unit train

# Project Status

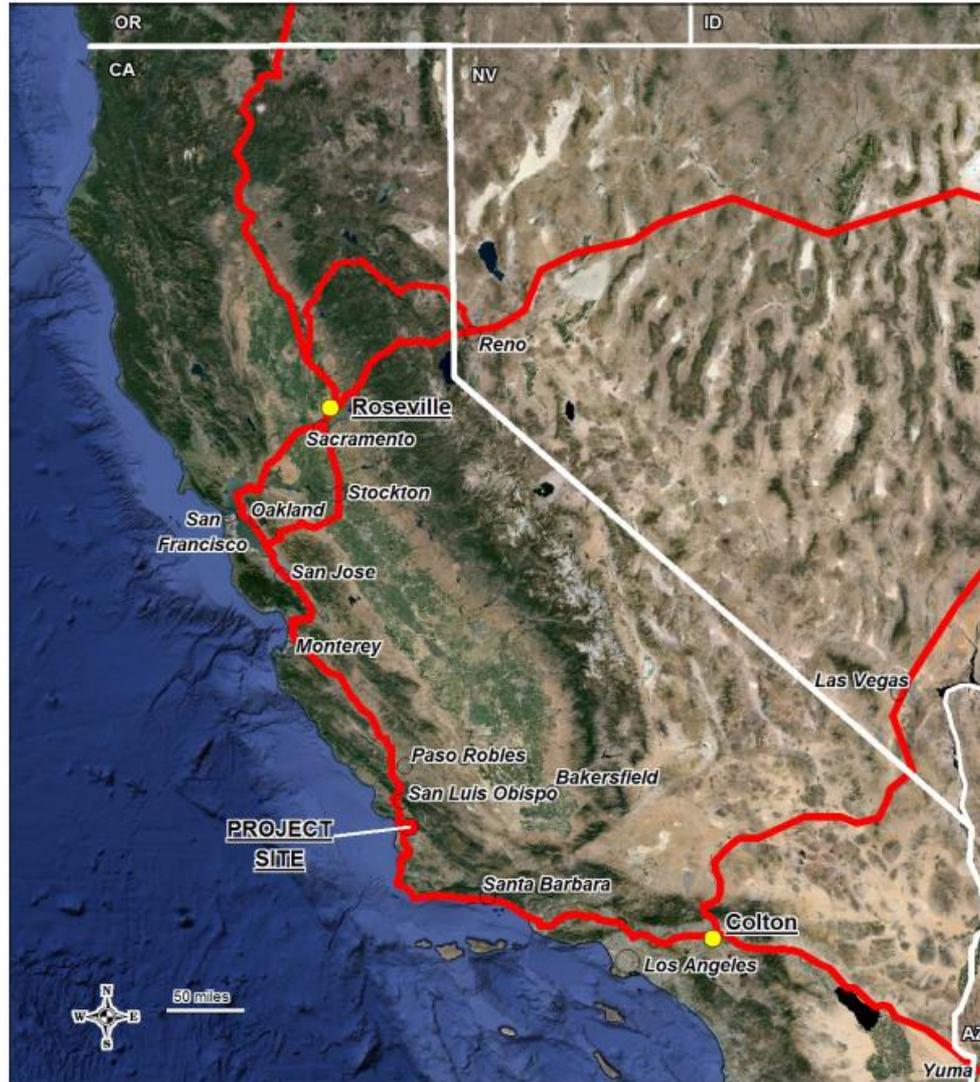
- From the February 4, 2016 Staff Report to the San Luis Obispo Planning Commission:

*“Detrimental to the health, safety and welfare of the public and the residents of San Luis Obispo County due to the increase of hazardous accidents as a result of the Project.”*

*“Includes a significant and unavoidable environmental impact with regards to cancer risk (air quality) for the population near the proposed rail spur.”*

# Oil Train Routes

Figure ES-3 Mainline Rail UPRR Routes to the Santa Maria Refinery



Source: Adapted by MRS from UPRR maps.

# Santa Barbara County Communities

Casmalia

Carpinteria

Guadalupe

Goleta

Santa Barbara

Montecito

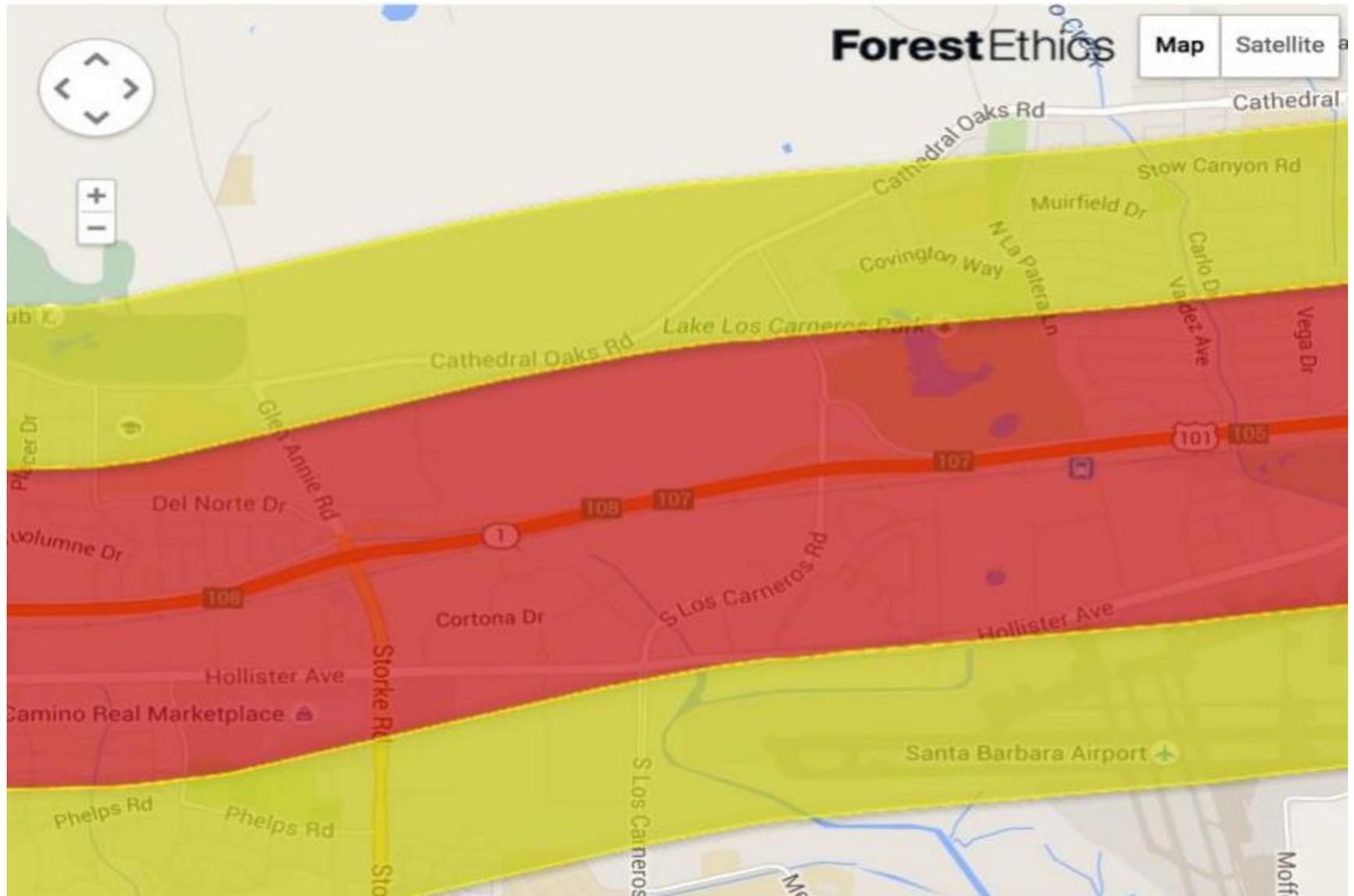
Summerland



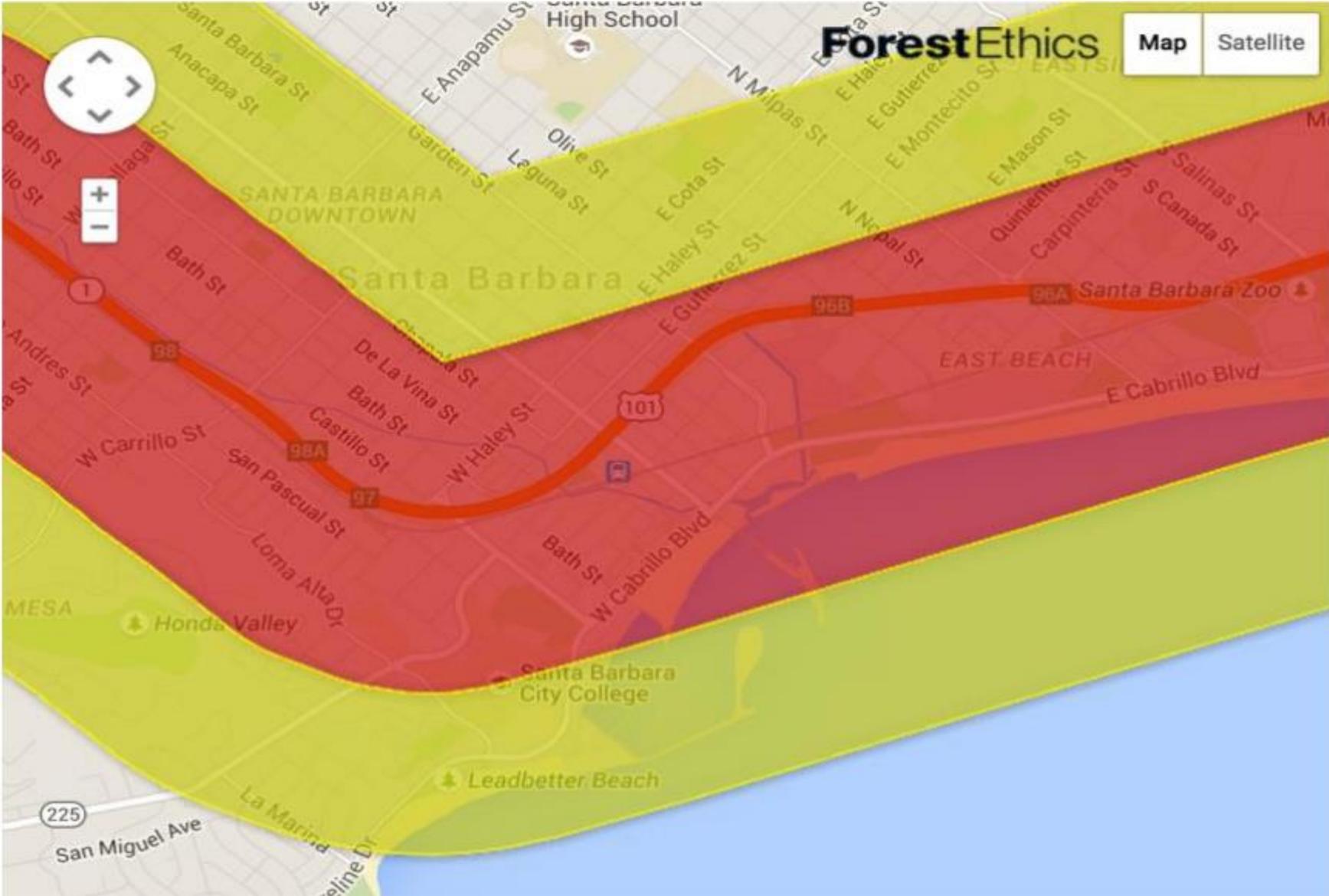
# Guadalupe



# Goleta



# Santa Barbara



# Incidents of Derailments and Fires

According the to U.S. DOT Federal Railroad Administration and PHSMSA:

| Year | Number of Incidents of Fire and / or Derailment |
|------|---|
| 2013 | 4   |
| 2014 | 5   |
| 2015 | 6   |

As reported by FRA May 3, 2016

# Incidents of Derailments and Fires

## Lac-Mégantic, Quebec

47 People Killed

30 Buildings Destroyed

36 Buildings Demolished

because of contamination

2,000 people evacuated



# Incidents of Derailments and Fires

## Mosier, Oregon

16 cars Derailed, 4 Caught Fire

42,000 Gallons Spilled, some into Columbia River

Groundwater Containment on site



# Jurisdictions and Agencies in Opposition

| Counties                  | Cities          | School Disticts                |
|---------------------------|-----------------|--------------------------------|
| Monterey                  | Goleta          | Oxnard Union High              |
| Ventura                   | Santa Barbara   | Orchard (San Jose)             |
| Santa Cruz                | Carpinteria     | Berryessa Union (San Jose)     |
| Los Angeles               | San Luis Obispo | Sacramento City                |
| Santa Clara               | Oxnard          | San Jose                       |
|                           | Moorpark        | San Luis Unified               |
| Monterey B.A. Govt. Assc. | Los Angeles     | Goleta                         |
| Sacramento Area COG       | Richmond        | San Lorenzo                    |
| Monterey County RMA       | Emeryville      | Albany                         |
|                           | Gilroy          | Peralta Community College      |
|                           | Camarillo       | Lucia Mar (Arroyo Grande)      |
|                           | Simi Valley     | Hayward                        |
|                           | Berkeley        | Ventura                        |
|                           | Grover Beach    | Cal. Federation of Teachers    |
|                           | Benicia         | Sacramento State               |
|                           | Davis           | Chabot College Academic Senate |

# Conclusion

Based on the aforementioned considerations, and potential detriments to our constituents, we ask the Board to take a position opposing the Phillips 66 Santa Maria Rail Spur Expansion Project