

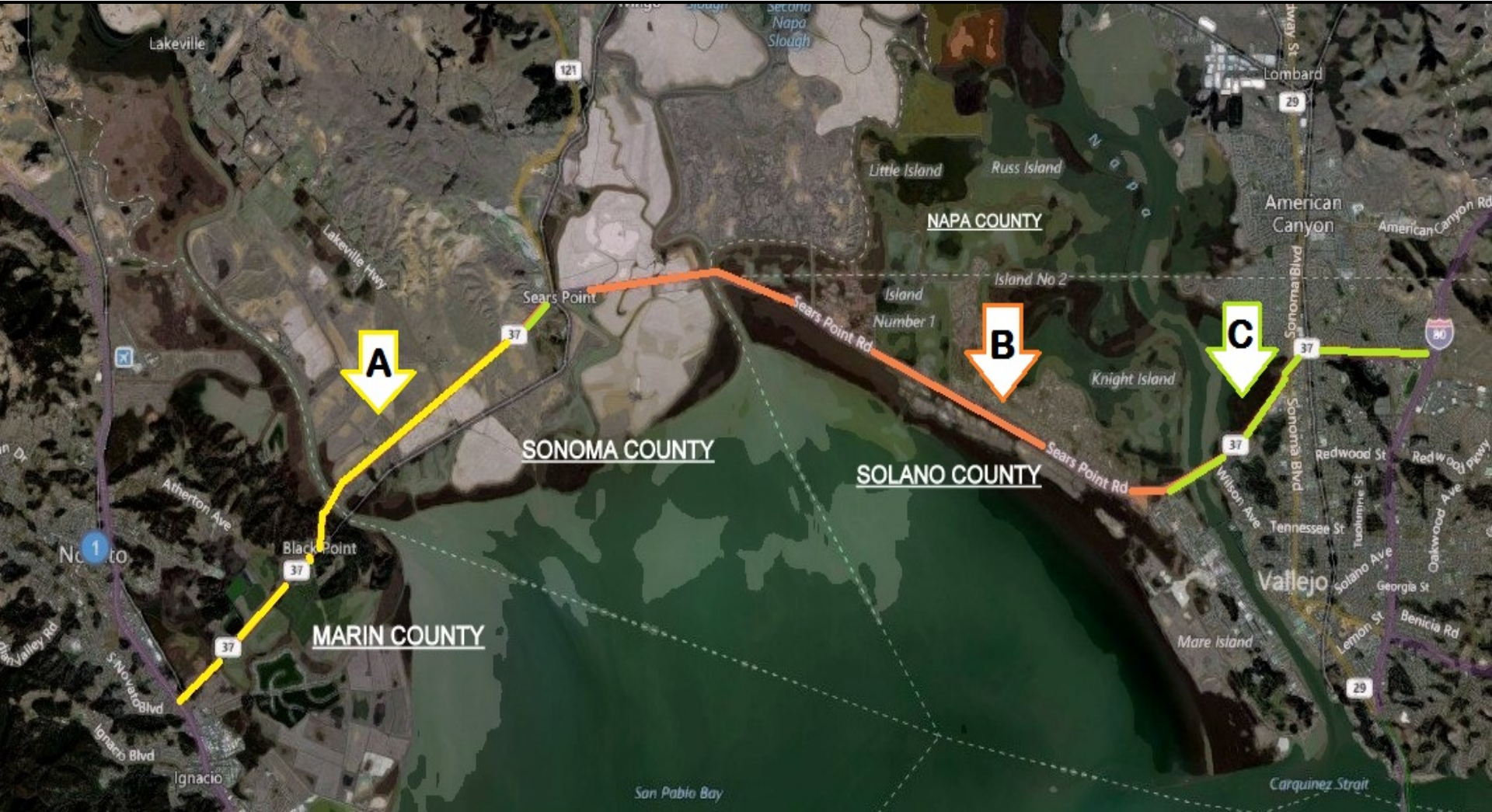


# Overview of Highway 37 Planning Project

League of Women Voters of the Bay Area  
October 21, 2017  
Novato City Council Chambers



# SR 37 Corridor Location

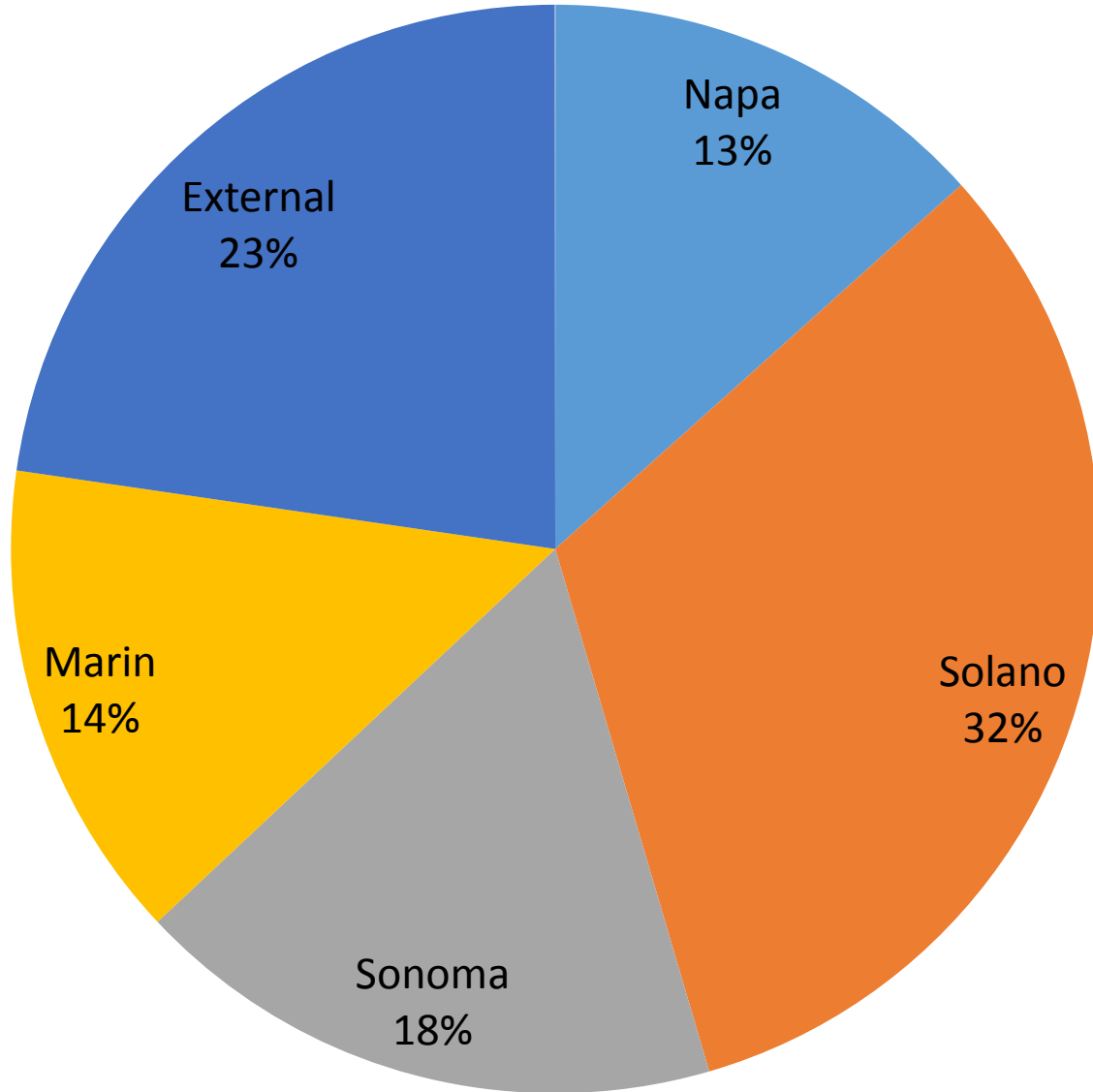


# SR 37 Corridor Characteristics

- Two to Four lane 21 mile corridor traversing Solano, Sonoma, and Marin Counties.
- Connects I-80 in Solano County to 101 in Marin County.
- SR 101 is critical connection for North Bay freight movement, job markets, housing, tourism, and recreation.
- Between 40,000 and 95,000 vehicles travel the corridors per day.
- Current congestion expected to increase adding to longer peak commute times.
- Corridor is located in highly sensitive marshland areas.
- Vulnerable to Sea Level Rise.
- Serves as a Recovery Route for the North Bay.



# County Share of Trip Origins, Hwy 37, Avg. Weekday, Sept. 2014



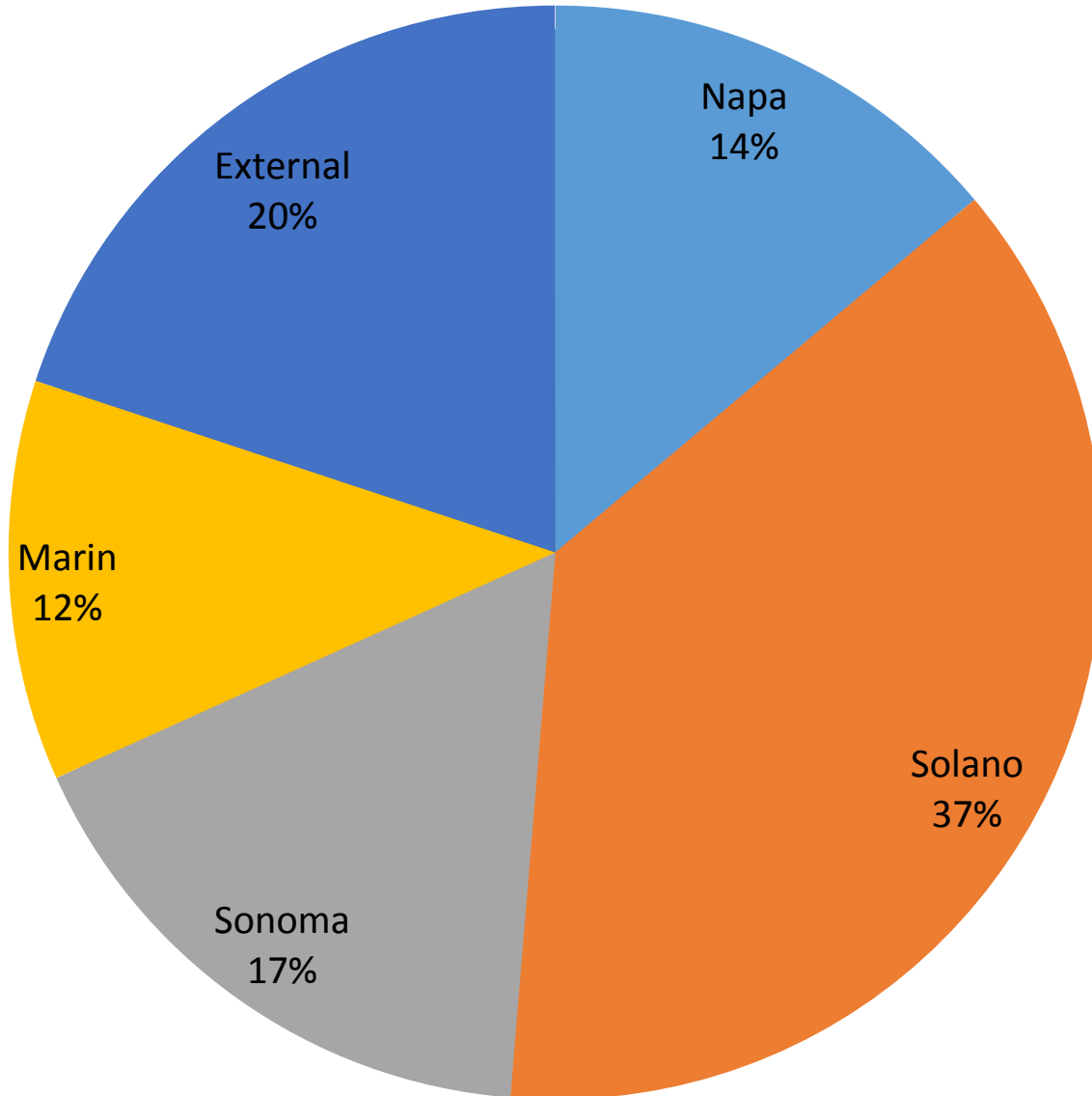
Source:



SONOMA COUNTY TRANSPORTATION AUTHORITY



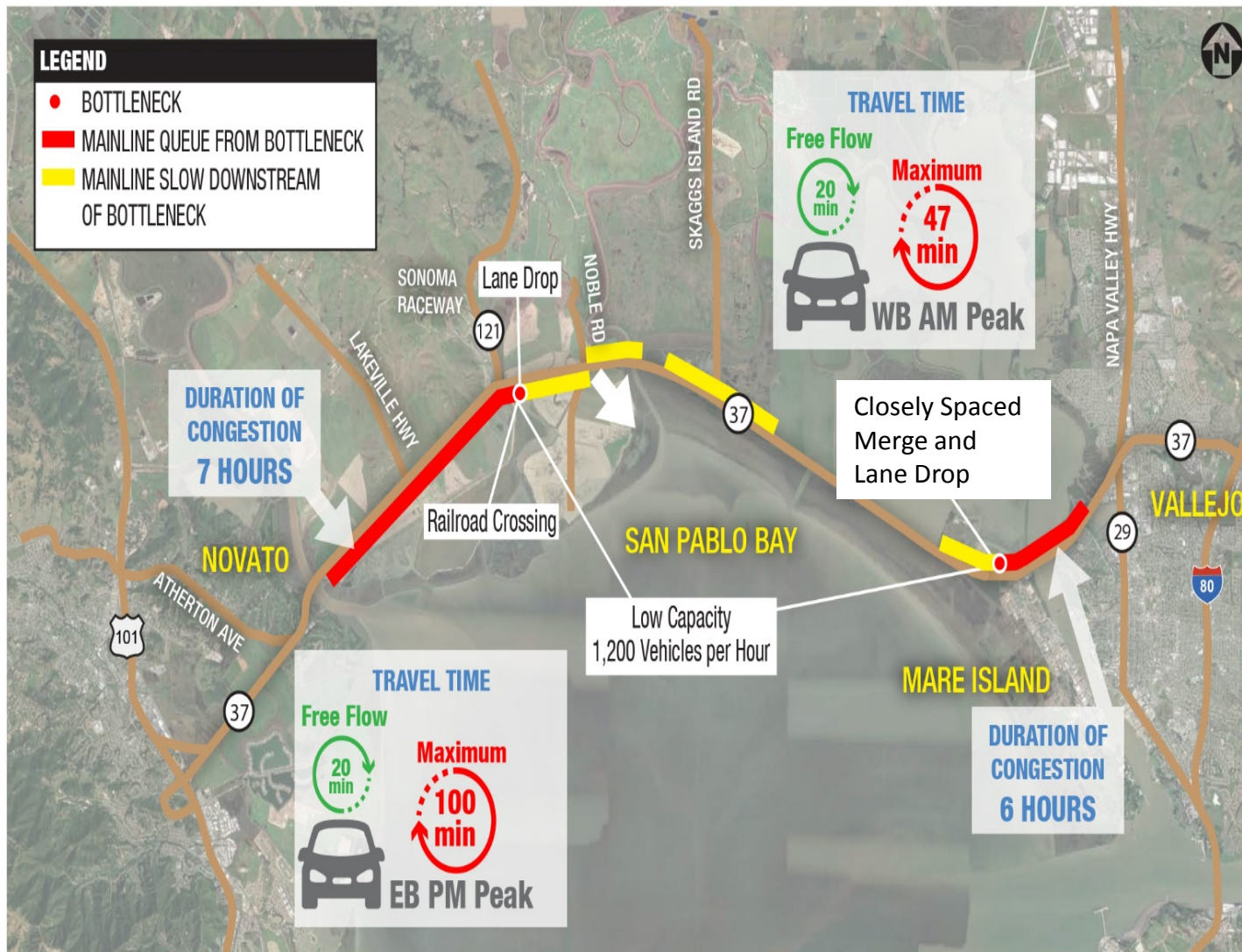
# County Share of Trip Destinations, Hwy 37, Avg. Weekday – Sept. 2014



Source:



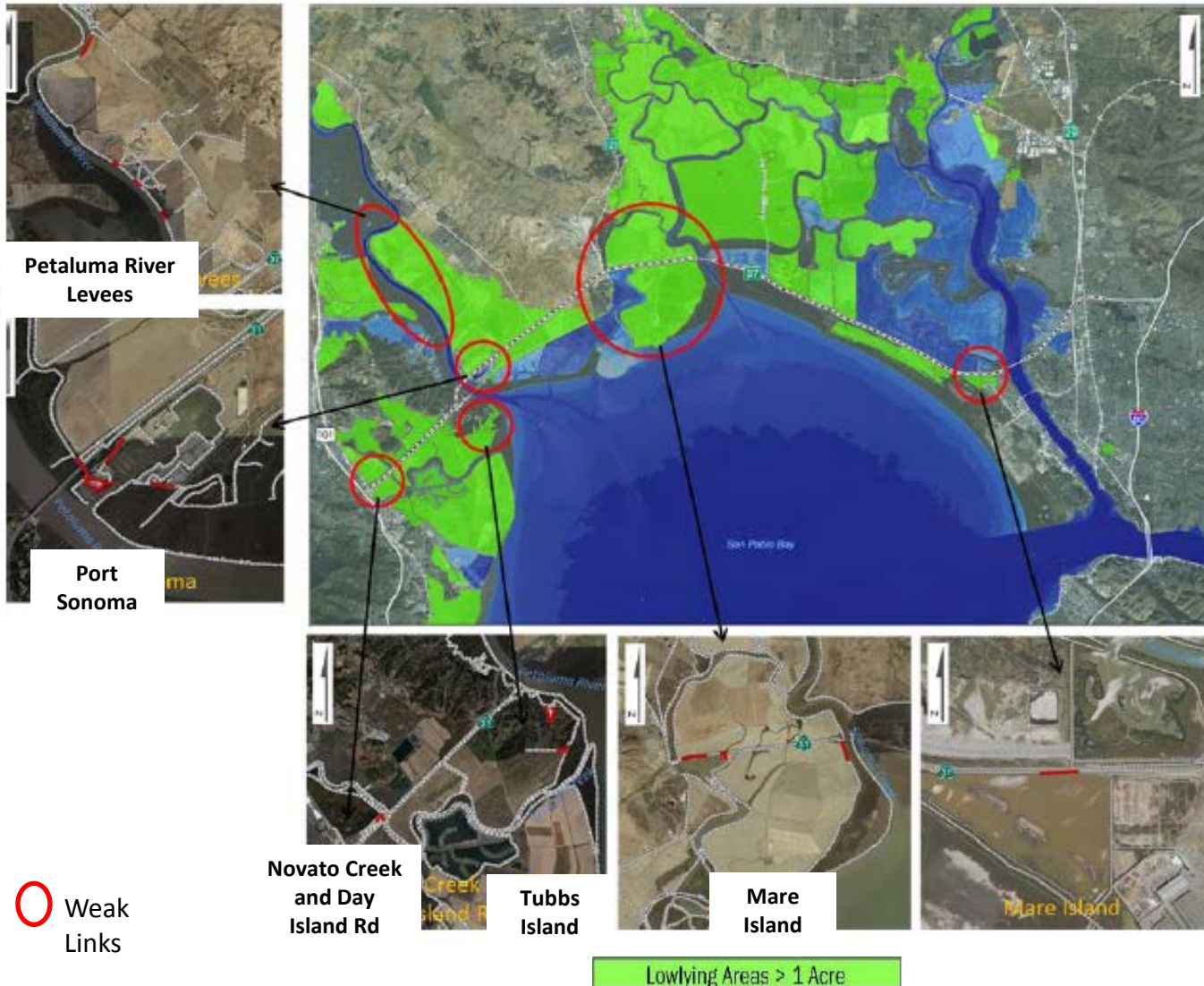
# 100 Minutes to Travel Back Home Every Day



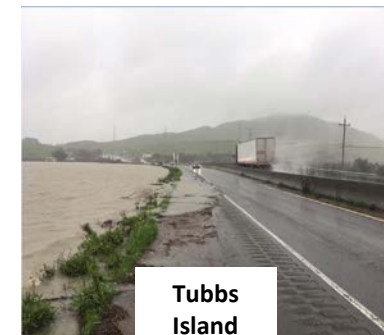
- **6 Hours** of Congestion During Weekday AM Commute (Westbound)
- **7 Hours** of Congestion During Weekday PM Commute (Eastbound)
- **Weekend** Congestion Throughout Most of the Day
- **No Transit** Services

# Parts of SR 37 Already Flood During Heavy Storms

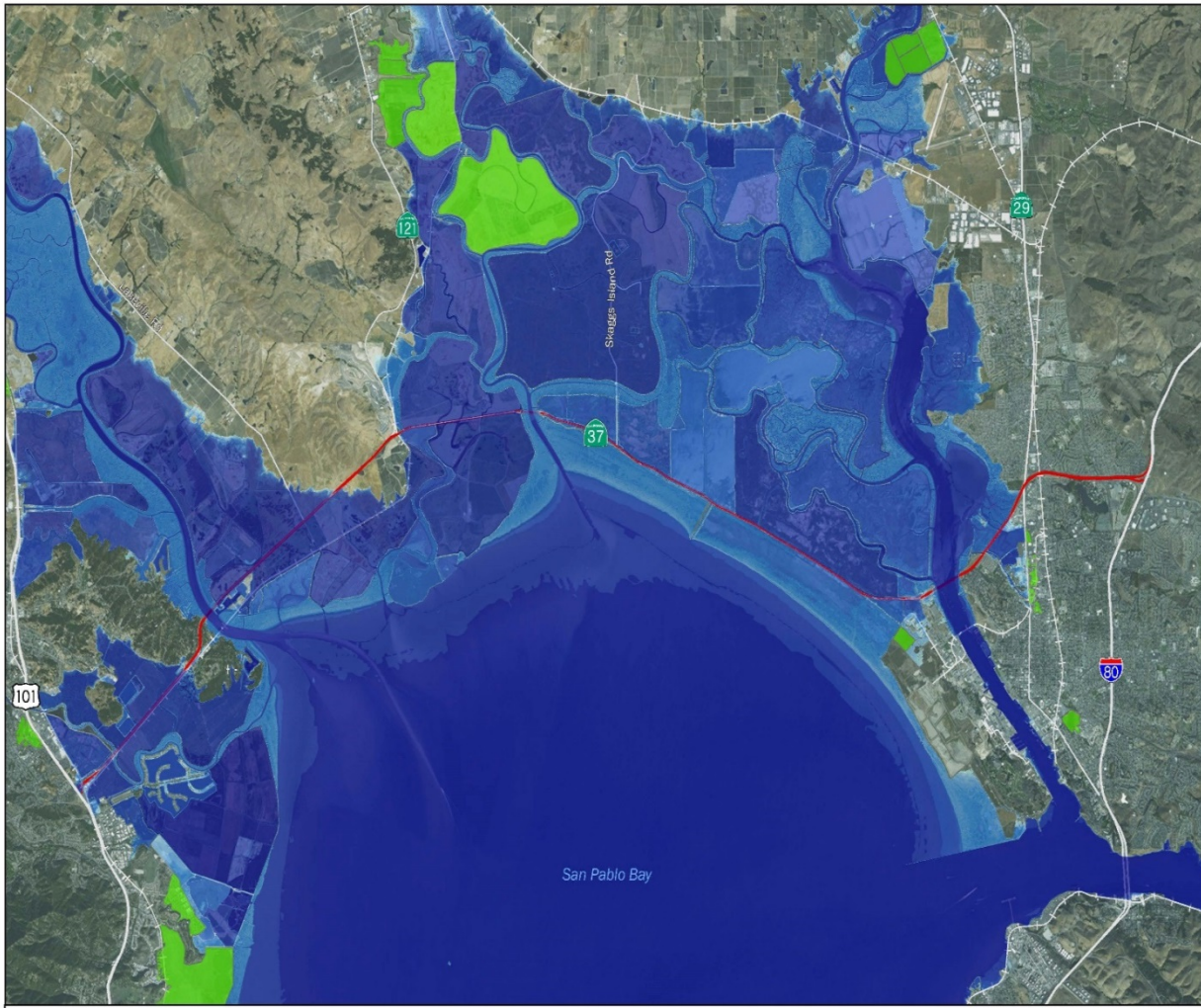
- Weak Links Are Most Vulnerable to Short Term Flooding and Eventual SLR



## Recent Floods in Spring, 2017



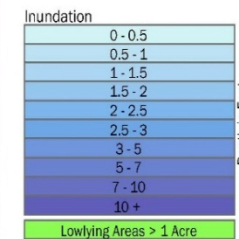
# Majority of SR 37 Will Be Inundated by 2050 Conditions with Sea Level Rise & Storm Surges



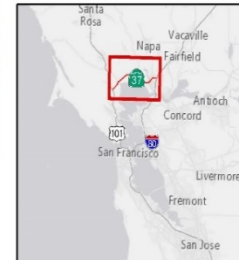
## California State Route 37 Inundation Mapping

MHHW + 36" SEA LEVEL RISE

12" SLR + 5-yr Storm Surge  
6" SLR + 10-yr Storm Surge  
0" SLR + 25-yr Storm Surge



Prepared for: NAC 1983 California State Route 37 Study  
Date: 8/25/2015



Disclaimer: The inundation maps and the associated analyses are intended as planning level tools to illustrate the potential for inundation and coastal flooding under a variety of future sea level rise and storm surge scenarios. The maps depict possible future inundation that could occur if nothing is done to adapt or prepare for sea level rise over the next century. The maps do not represent the exact location or depth of flooding. The maps relied on a 5-ft digital elevation model created from LIDAR data collected in 2010. Although care was taken to capture all relevant topographic features and coastal structures that may impact coastal inundation, it is possible that structures narrower than the 5-ft horizontal map scale may not be fully represented. In addition, inundation and flooding of bridges along the SR 37 alignment was not evaluated. The maps are based on model outputs and do not account for all of the complex and dynamic San Francisco Bay processes or future conditions such as erosion, subsidence, future construction or shoreline protection upgrades, or other changes to San Francisco Bay or the region that may occur in response to sea level rise. For more context about the maps and analyses, including a description of the data and methods used, please see project documentation for the State Route 37 Integrated Traffic, Infrastructure and Sea Level Rise Analysis Study (UC Davis Road Ecology Center and Caltrans District 4).

- Year 2100 Sea Level Rise Scenario
- Permanent Inundation Expected by 2050: Segment A and Segment B from SR 121 to Sonoma Creek
- SR 37 Closure Would Divert Traffic to Other Already Congested Routes: I-80, US 101, I-580, SR 12, SR 121, etc.
- State and Federal-Protected Species Lose Habitat