



Contra Costa County  
Public Works  
Department



**Contra Costa County Board of Supervisors**  
**March 1, 2022**

# Vision Statement

*Contra Costa County will have an equitable, sustainable, multimodal transportation system where users of all ages and abilities can travel conveniently, reliably, and free from harm.*



# What is Vision Zero and the Safe Systems Approach?

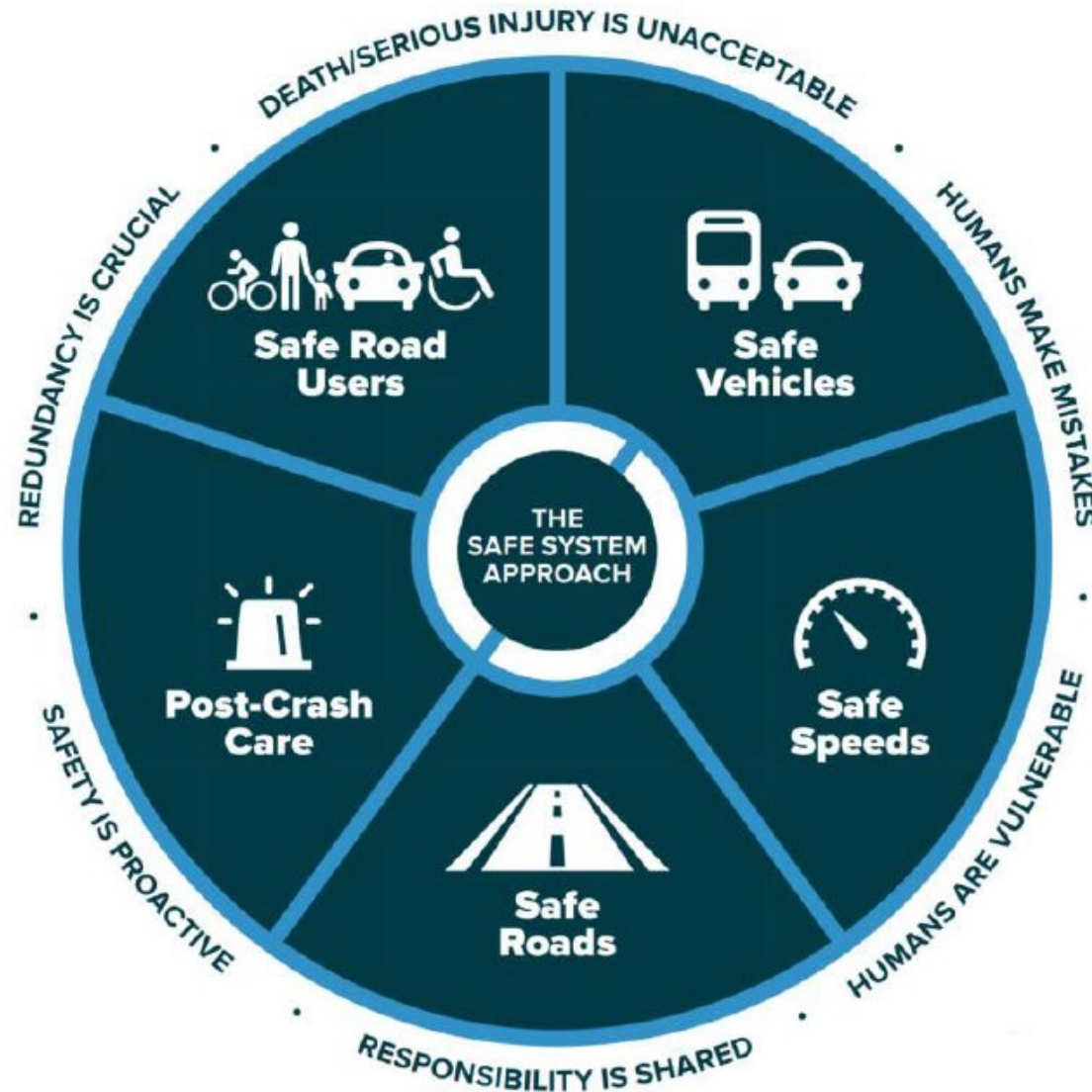
## TRADITIONAL APPROACH

Prevent crashes	→	Prevent deaths and serious injuries
Improve human behavior	→	Design for human mistakes/limitations
Control speeding	→	Reduce system kinetic energy
Individuals are responsible	→	Share responsibility
React based on crash history	→	Proactively identify and address risks

## SAFE SYSTEM APPROACH



# What about the Safe Systems Approach?





# Why Vision Zero?

- Many municipalities throughout the nation, the world, and locally, such as San Francisco and City of Fremont have adopted a Vision Zero program in response to traffic fatalities.
- We observed a high and increasing fatality rate on County roads between 2015 and 2017.
- The Vision Zero Program will qualify as the County's requirement for the Local Road Safety Program that all municipalities in California are required to fulfill to receive grant funding.



# Vision Zero Action Plan?

- Involves people from all sectors of transportation like engineers, planners, law enforcement, healthcare professionals, teachers, advocates, and policy makers.
- Includes designing and constructing safer roadways and rights-of-way.
- Adds education, media campaigns, and public awareness to our bag of tools.



# Guiding Principles

- Safety is the highest priority
- People make mistakes
- Safety is a shared responsibility
- A data-driven approach
- Transportation networks must be equitable
- Vision Zero will be accountable and transparent



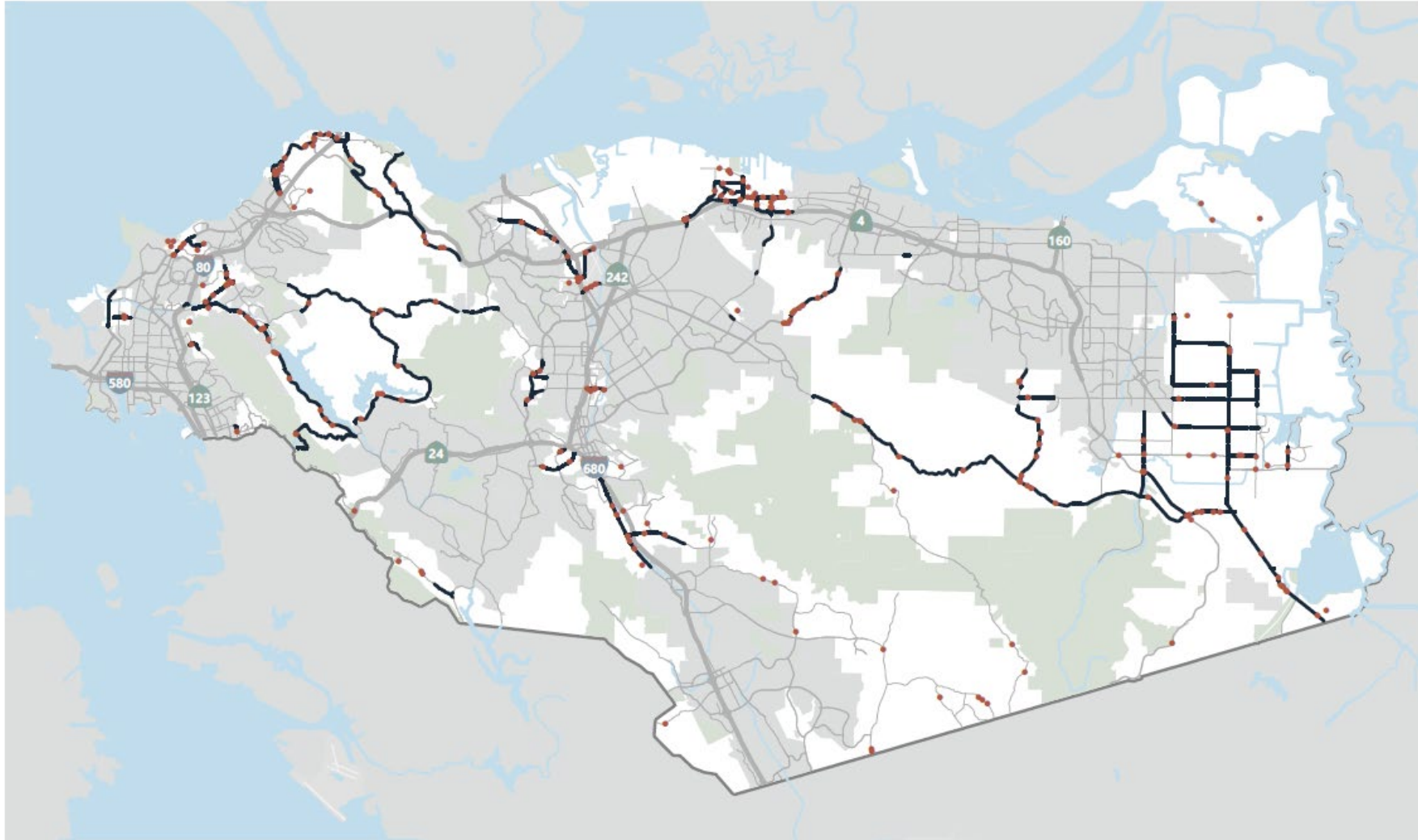
# Technical Advisory Committee (TAC)

- Made up of Public Works, Department of Conservation and Development, County Public Health, California Highway Patrol, 511 Contra Costa, and bicycle advocacy groups
- Fehr and Peers, our Transportation Consultant, was selected by the County to help set up the TAC.
- The TAC met four times in 2020 and 2021
- Provided recommendations for Vision Zero that laid out the framework for where, when, and how crashes were occurring on the unincorporated roadways.





# High Injury Network



# Counter Measures

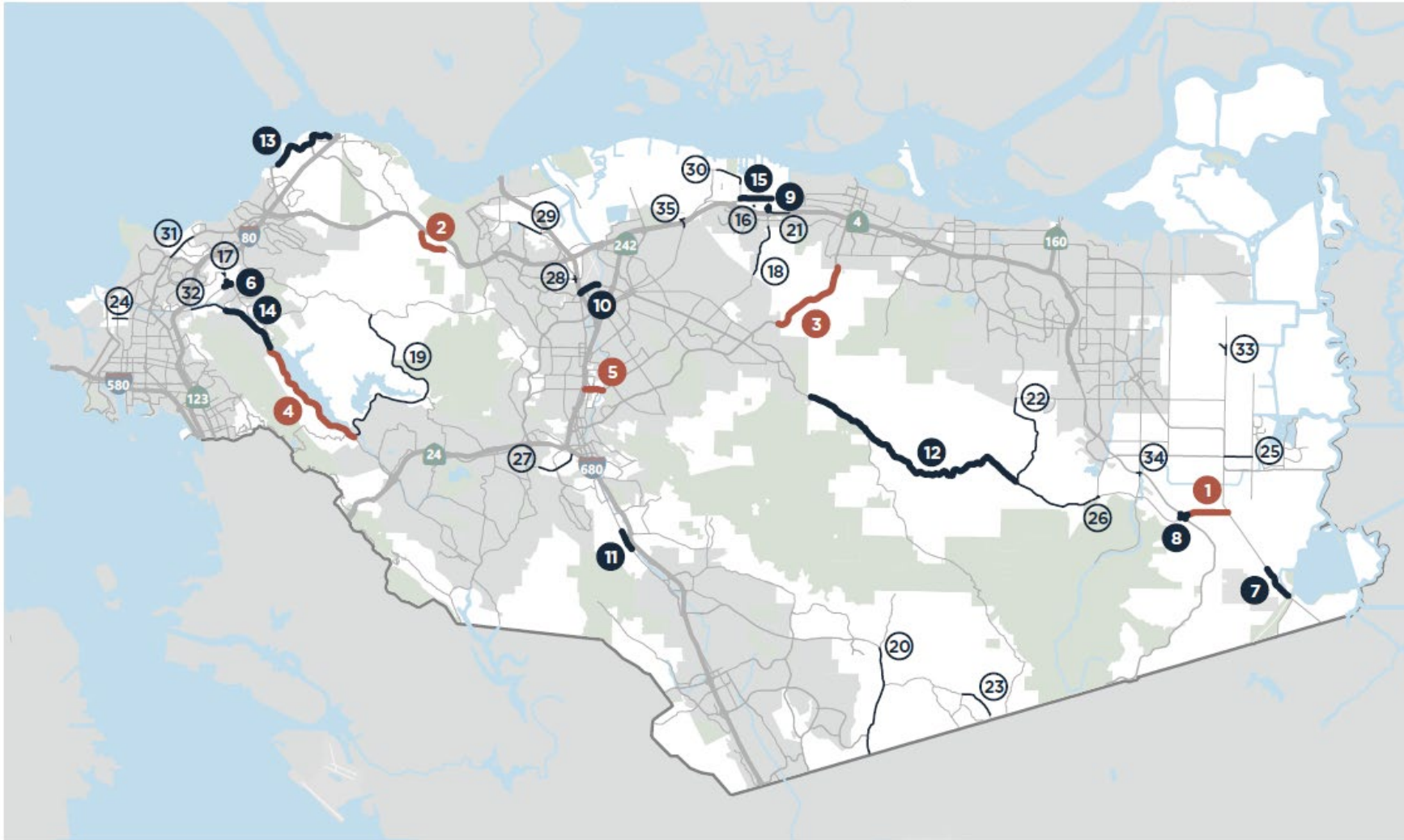
- Non-Engineering Counter Measures
- Equity Considerations
- Emerging Technologies
- DUI Strategies and Considerations



# Engineering Countermeasures



# Projects that support Vision Zero



- 5 Projects that are complete or currently underway
- 10 Projects scoped in the Report
- 20 Future Projects



# Programs Under Way

- Safe Routes to School
- Street Smarts Diablo Region
- Street Smarts San Ramon Valley
- Summer Bike Challenge
- Caltrans Grant Funding
- Mothers Against Drunk Driving (MADD)
- California Highway Patrol Programs
- Complete Streets Corridor Studies
- Building Healthy Communities Program



# Vision Zero Core Elements and Action Plan

- Leadership and Commitment
  - Media kit
  - Social Media
  - Collaborate with schools
- Safe Roadways and Safe Speeds
  - Incorporate core elements and design principles
  - Conduct safety demonstrations and pilot project
- Data-Driven Approach, Transparency, and Accountability
  - Prepare an annual crash analysis
  - Partner with local law enforcement and healthcare providers
  - Leverage technology to better understand core collision factors





# Next Steps

- Consider accepting the Vision Zero Final Report
- Adopt the Action Plan contained in the Vision Zero Final Report
- TAC may return in the near future with an update
- CCTA will adopt a Vision Zero program to encourage cities and the County to develop their own programs
- Adopt a resolution that the County will support CCTA's efforts
- Evaluate how the program is going and determine new next steps





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# Questions and Comments?