improvem



# CEPCITY Freeway Improvement Project



a Problem





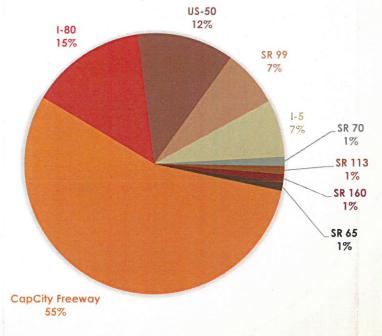
### The Problem



#### Traffic Incidents



The CapCity freeway has more incidents than all other Sacramento Region freeways combined.

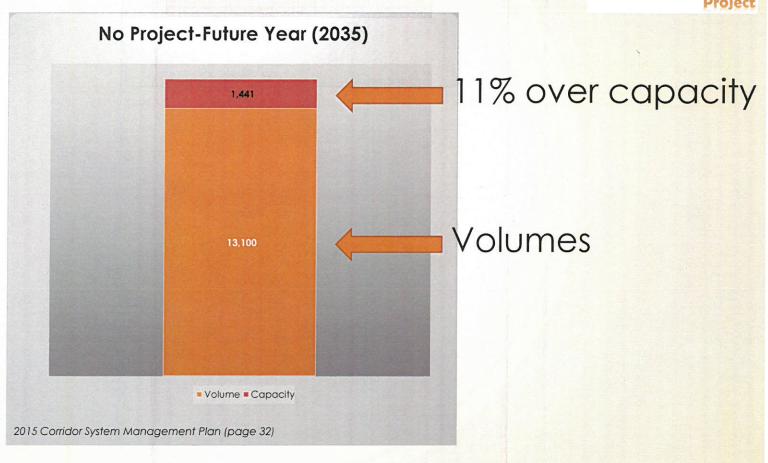


Regional data comes from California Highway Patrol and Traffic Accident Surveillance and Analysis System (TASAS).



#### **Volume over Capacity**

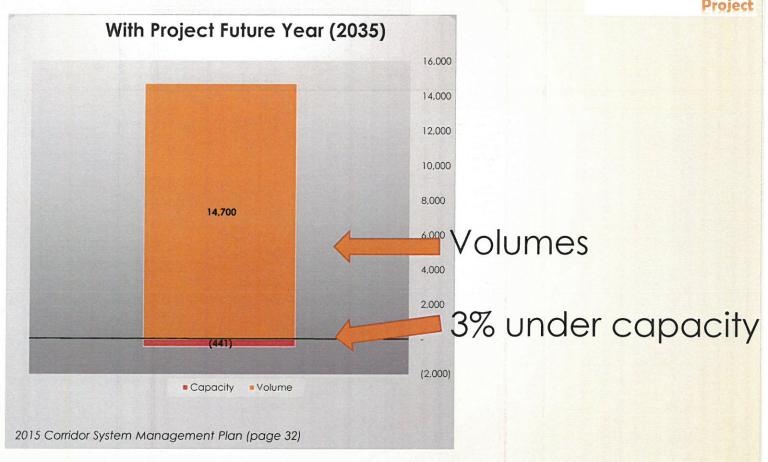






### Volume over Capacity

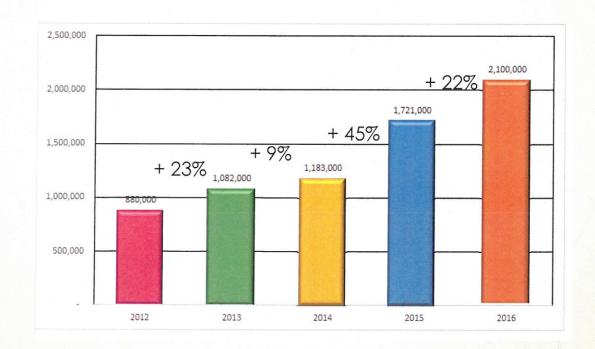






### Annual Hours of Delay



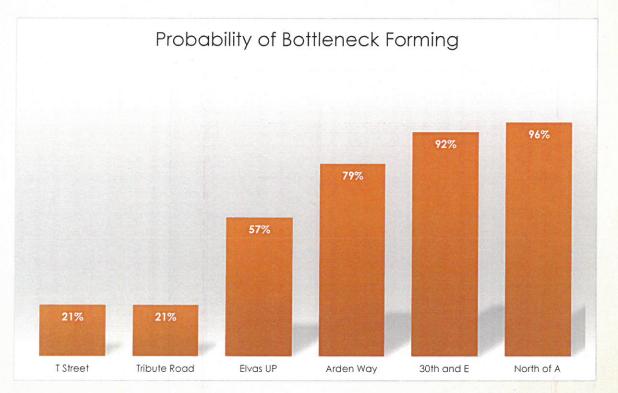


Freeway Operations Delay Cost study PeMS



### Bottlenecks, Queues and Delay

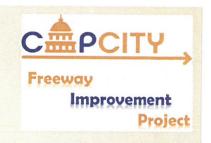




2015 Corridor System Management Plan (page 32)

Problem





# Fixing the Problem



## Build/No Build Reduced Vehicle Hours of Delay Managed Lang





Preliminary Investigation Study: Combined AM/PM peak period, NB/SB

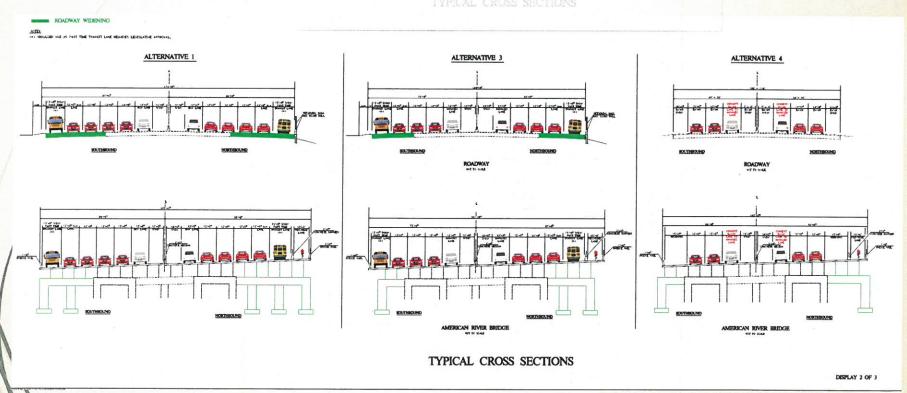


### CapCity Projects



- Managed Lanes
- Auxiliary Lanes
- Bus On Shoulder System
- Improvements to the American River Bridge
- Bike and pedestrian bridge across the American River
- Interchange Enhancements
- Bike and pedestrian safety improvements
- ITS Elements

### Project Alternatives





### Project Schedule



Schedule may vary due to unforeseen situations such as approvals, funding availability, etc.

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Identify Project Priority/ Feasibility	2010	2010	2017	2010	2017	2020	2021	2022	2020	2024	2023	2020	2027
Prepare Project Study Report/ Project Development Support													
Engineering and Environmental Studies													
Prepare Project Report & Environmental Document													
Prepare Plans, Specifications and Estimates. Acquire Permits													
Right of Way Activities													
Advertise and Award Construction Contract													
Construction													
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027



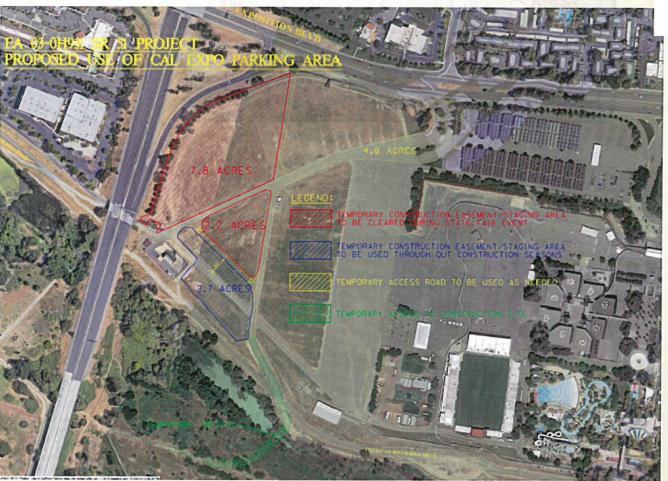
### Project Staging



Freeway

Improvement

**Project** 



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### CapCity Connection



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