

Welcome to Fresno County

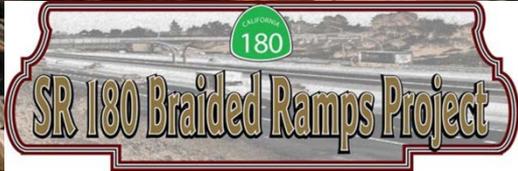
and the San Joaquin Valley

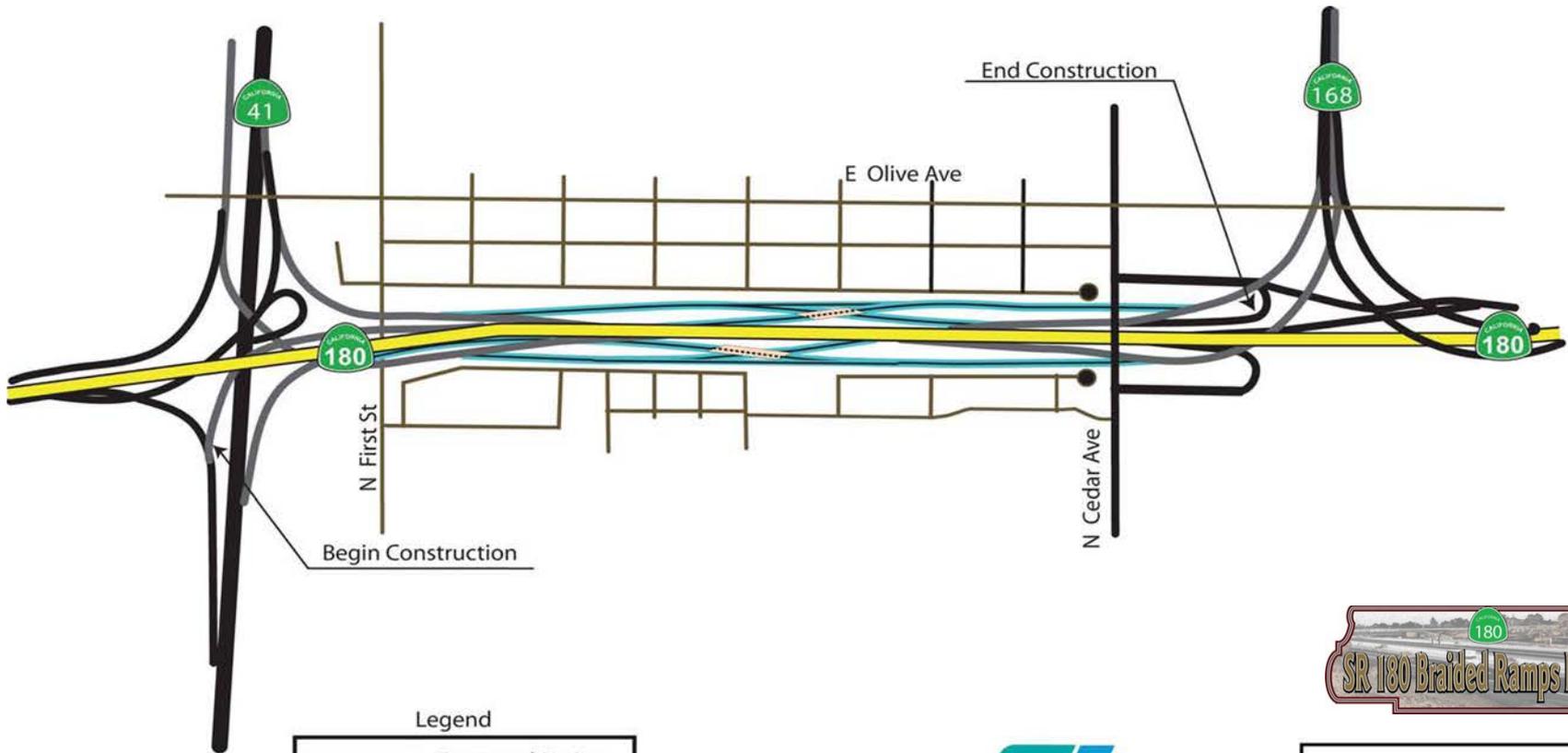


State Route 180 Braided Ramps Design-Build Project



SLOW FOR THE
CONE ZONE
CALTRANS



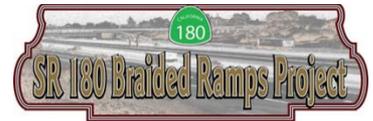


Legend

	Proposed Project
	Proposed Bridge
	Existing SR 180
	Existing Ramps

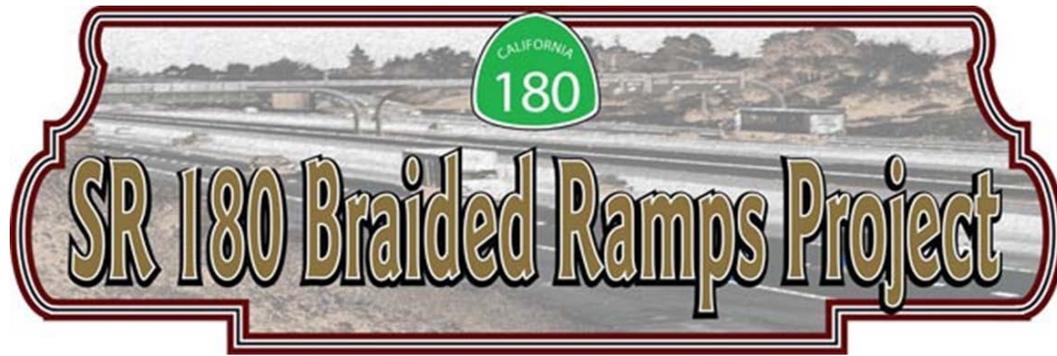


Not to Scale



Project Location Map
 SR180 Braided Ramps Project
 06-Fre-180-PM R58.4/R60.4
 EA-06-0C110



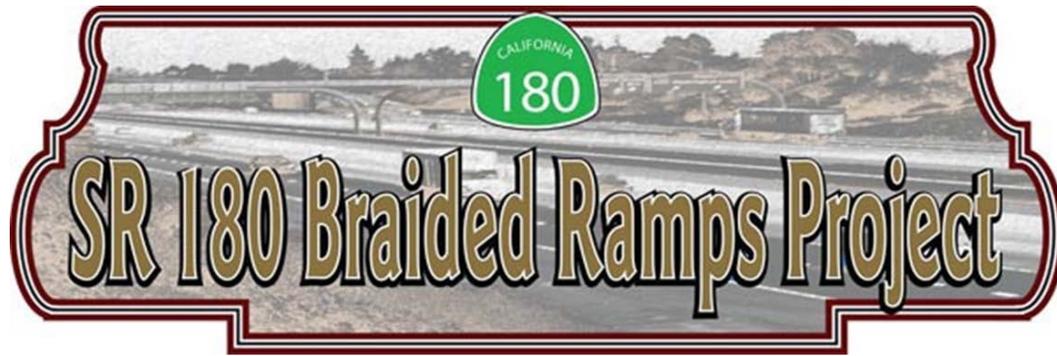


Project Need

- Increased Traffic Volumes and Congestion
- Higher-than Average Traffic Accidents

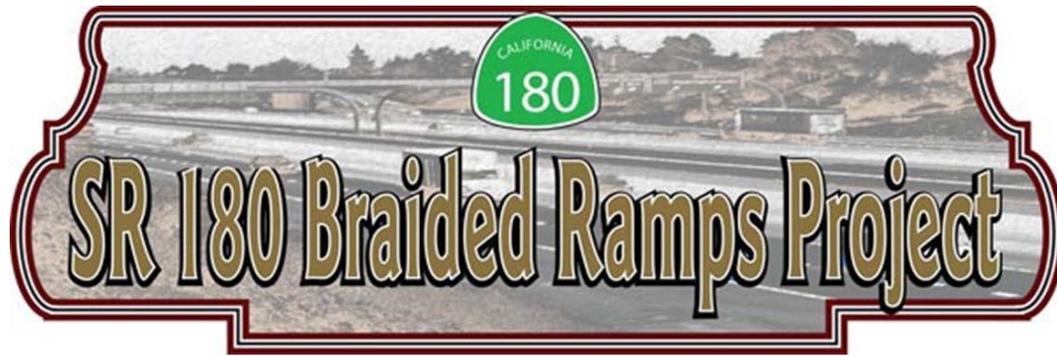
Project Purpose

- Improved Traffic Operations
- Reduce Congestion
- Enhance Traffic Safety



Project Description

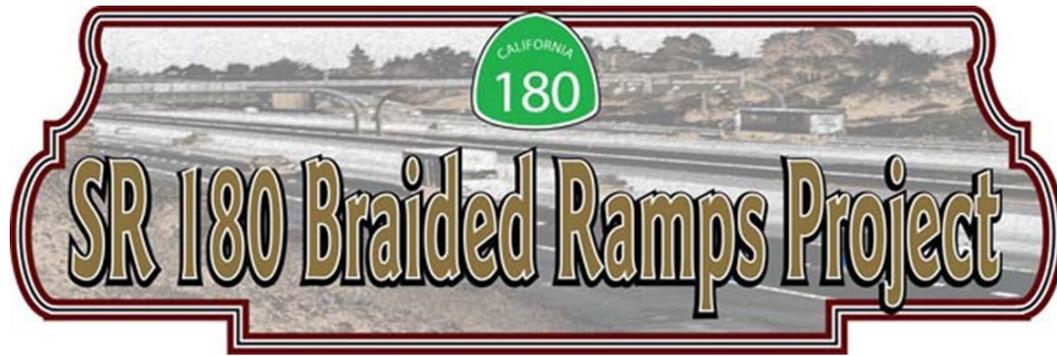
- Construct 2 New Structures
- Construct New Connector Ramps
- Widen First Street Undercrossing
- Add Lane and Ramp Meters to Cedar Ave. On-Ramp to Westbound SR 180
- Add Connector Meters for Eastbound and Westbound SR 180 to Northbound and Southbound SR 41



Total Project Budget: \$66.7 million

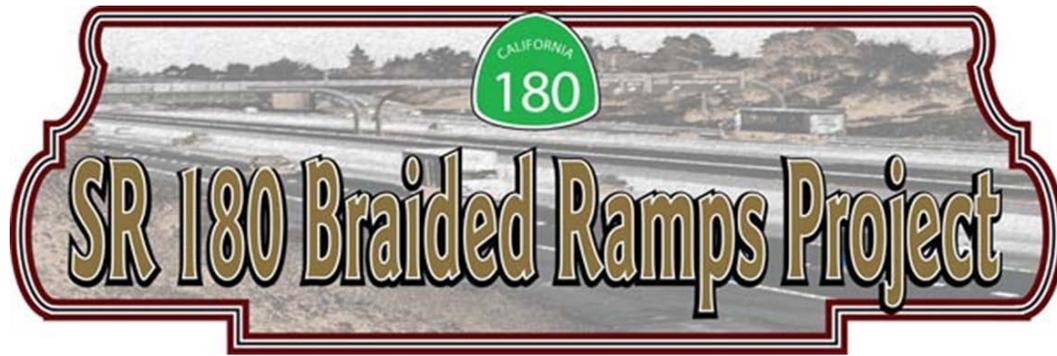
Funding Sources:

- State Highway Operation & Protection Program (SHOPP) - \$55 million
- “Measure C” Local Sales Tax Program Administered by the Fresno County Transportation Authority (FCTA) - \$2 million
- Fresno County Regional Transportation Mitigation Fee - \$9.7 million

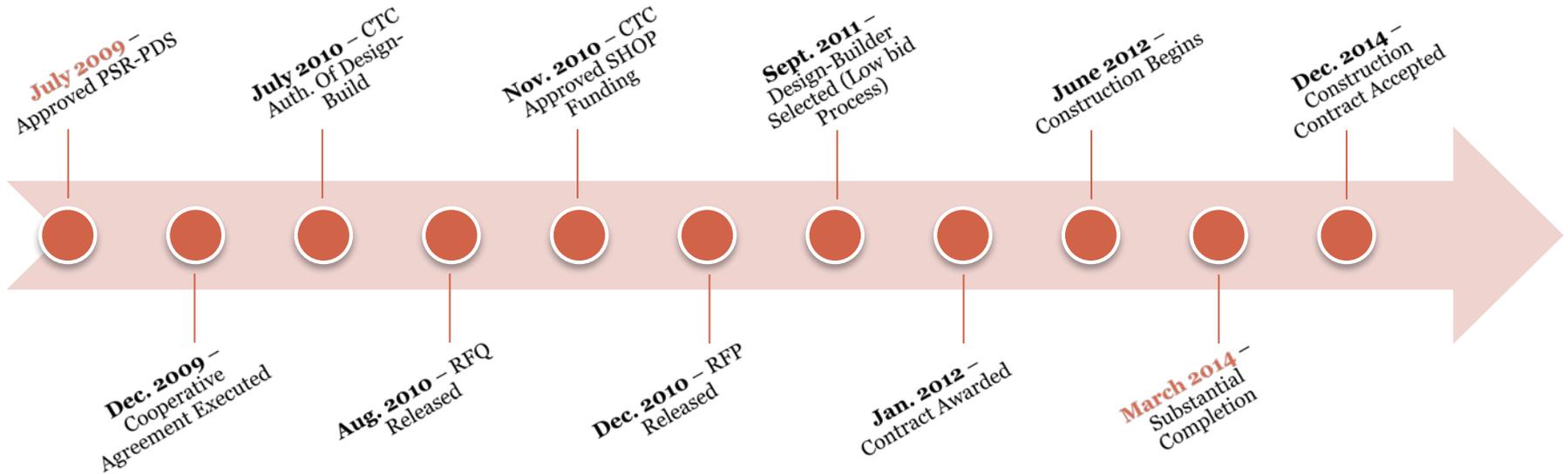


Project Delivery Process

- Pilot program uses Design-Build method
 - Design approximately 30% completed
 - Project is advertised and awarded
 - Design-Builder completes design and construction
 - Design-Build process advanced project completion approximately 12 months ahead of original schedule for this project



Timeline















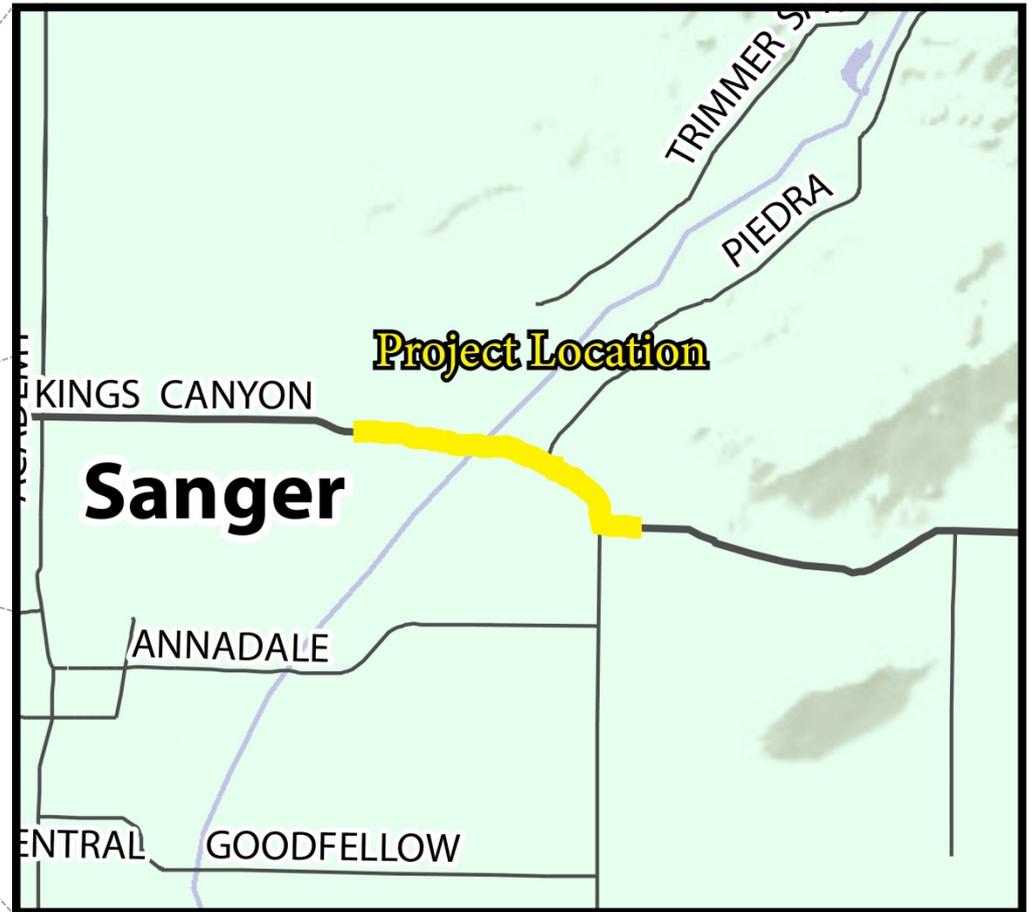
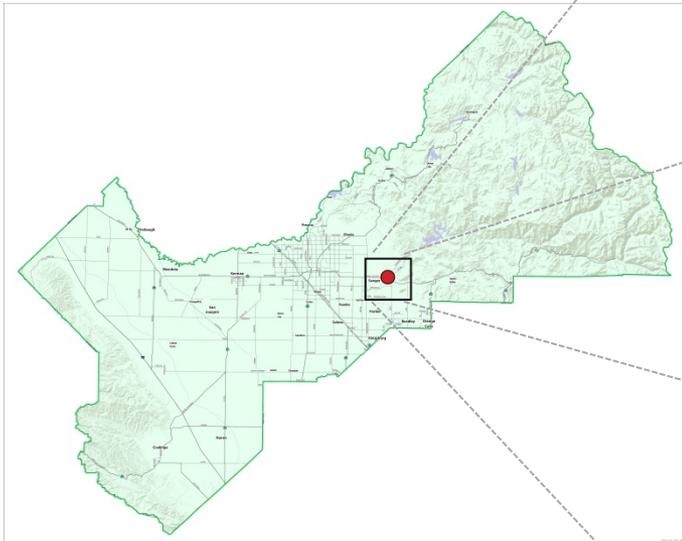


What's Next...

SR-180 East

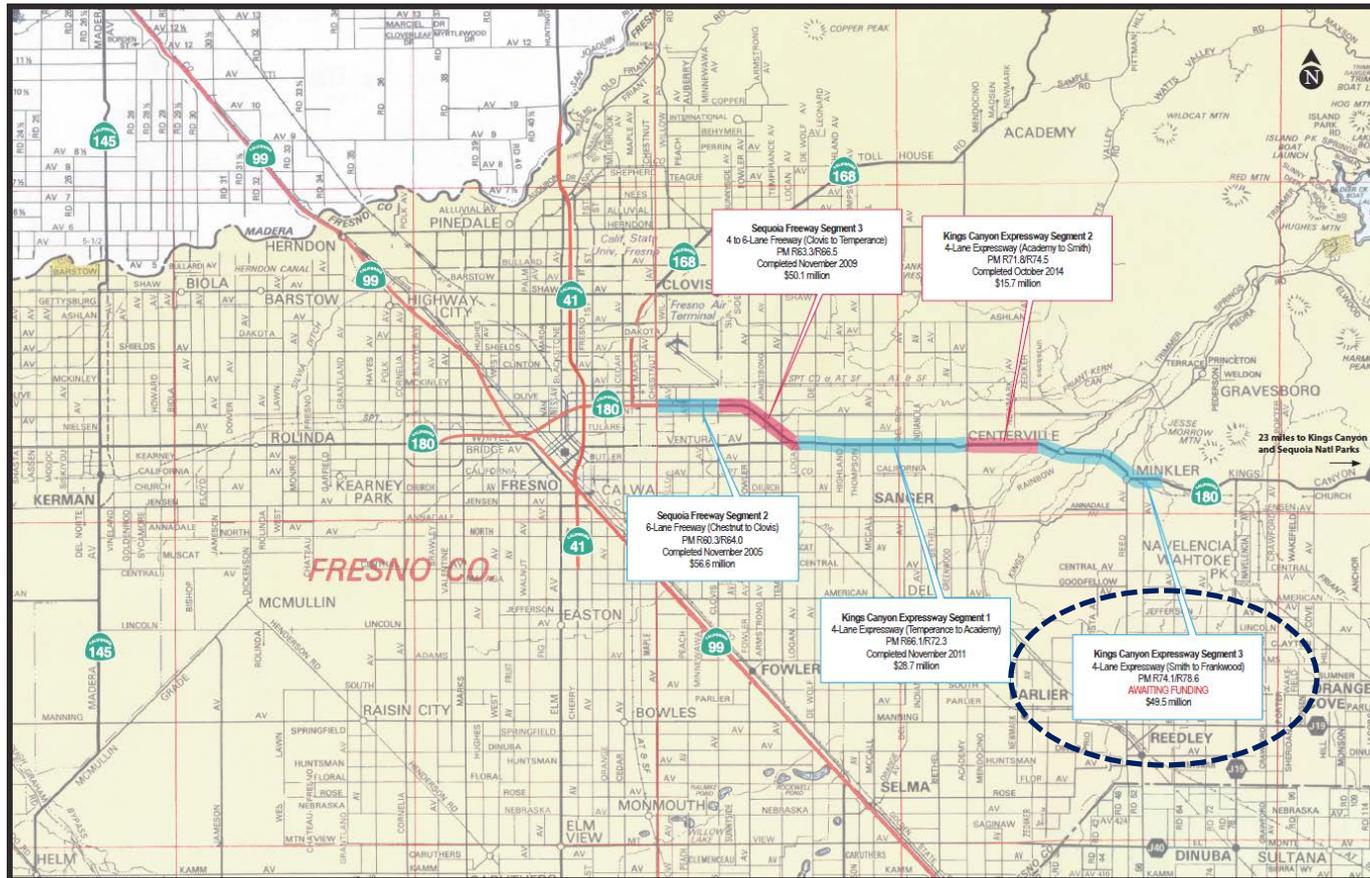
West of Smith Ave. to East of Frankwood Ave.

Project Location



SR-180 East West of Smith Ave. to East of Frankwood Ave.

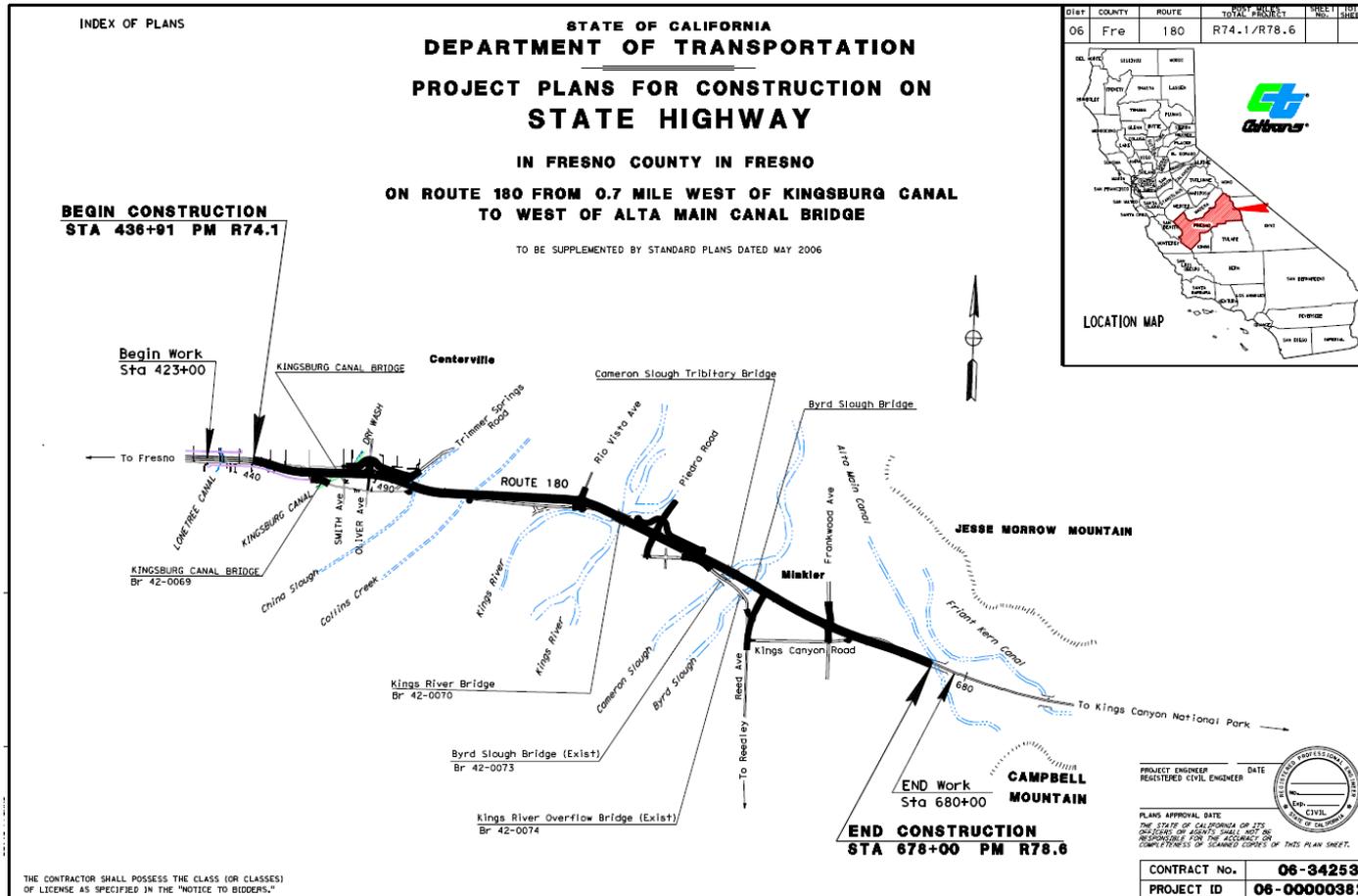
Project Location



SR-180 East

West of Smith Ave. to East of Frankwood Ave.

Project Description



SR-180 East

West of Smith Ave. to East of Frankwood Ave.

Project Description

- Construct 4-lane Divided Expressway

Project Cost

- \$49.5 million Total (“Measure C” and STIP funds)

Project Delivery

- Construction Funding Programmed in 2014 STIP (2016/17)
- Request CTC Advance Construction Funding to 2015/16



The San Joaquin Valley

- Located in the heart of California
- Area – 27,000 square miles
- Consists of 8 counties:
 - San Joaquin
 - Stanislaus
 - Merced
 - Madera
 - Fresno
 - Kings
 - Tulare
 - Kern
- 62 Incorporated Cities
- One Air District – the San Joaquin Valley Air Basin



The San Joaquin Valley

- Current Population:
 - 4,188,000
 - 11% of the State's Population
- Population Growth to 2050:
 - +4,445,000, for a total population of 8,633,000
 - 18+% of the State's Population
 - Growth rates of 2+%; near double the average of the State



The San Joaquin Valley

- Roads:
 - 30,000+ Miles of Maintained Roads = 18% of the State's Total
- Agricultural Production:
 - \$25 billion = 55% of the State's ag production value
 - 7 of the 8 Counties are among the top 10 in total ag production in the State (with California leading the Nation in total production)
- Unemployment Rate:
 - 11.3% avg. (State avg. of 7.8, and a National avg. of 6.5)
- Poverty Rate:
 - 20% avg. (State avg. 16%)

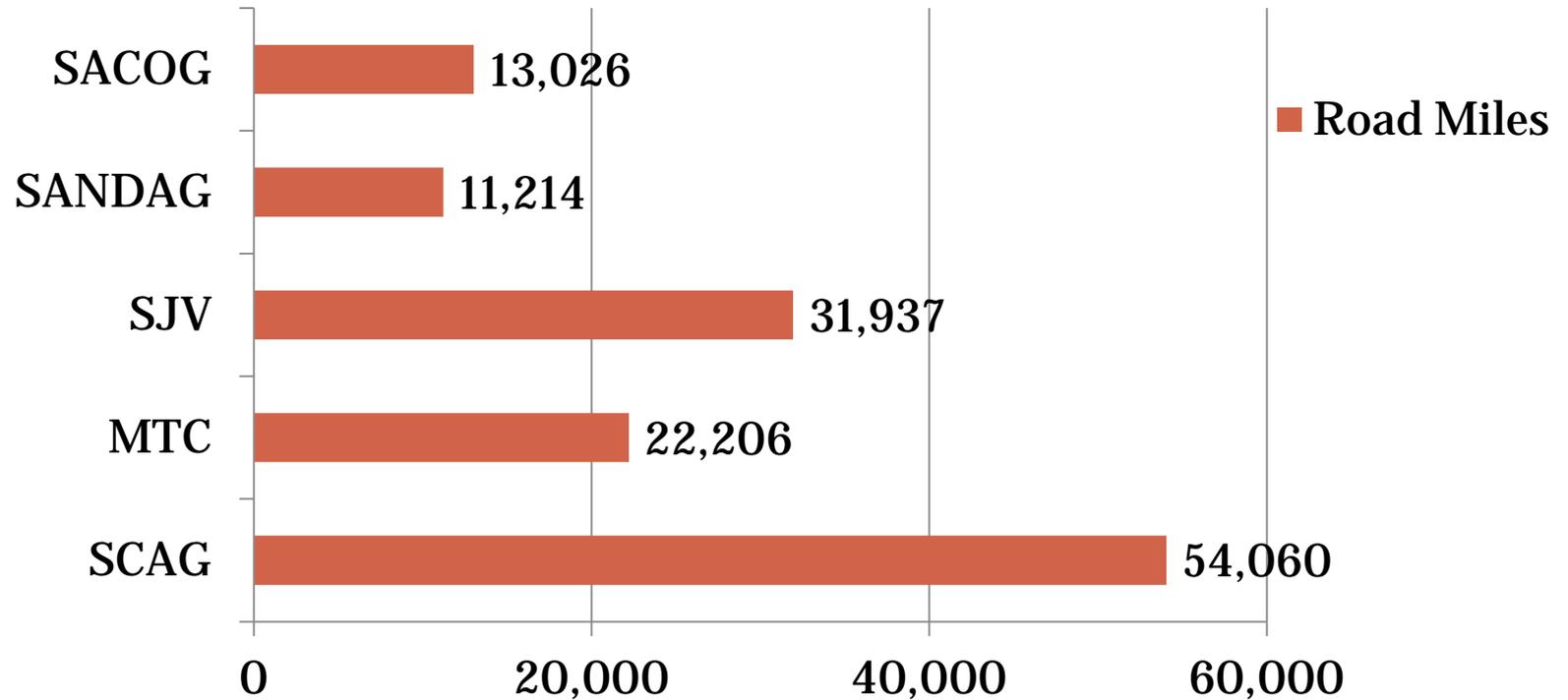
MPO Comparisons

Agency	2015 Population	2050 Population	Growth
SCAG	18,775,887	22,756,691	3,980,804
MTC	7,535,966	9,779,427	2,243,461
SJV	4,187,954	6,691,008	2,503,054
SANDAG	3,244,706	3,953,511	708,805
SACOG	2,416,344	3,382,557	966,213

Ranks second in population growth

Ranks third in total population

Road Mile Comparisons

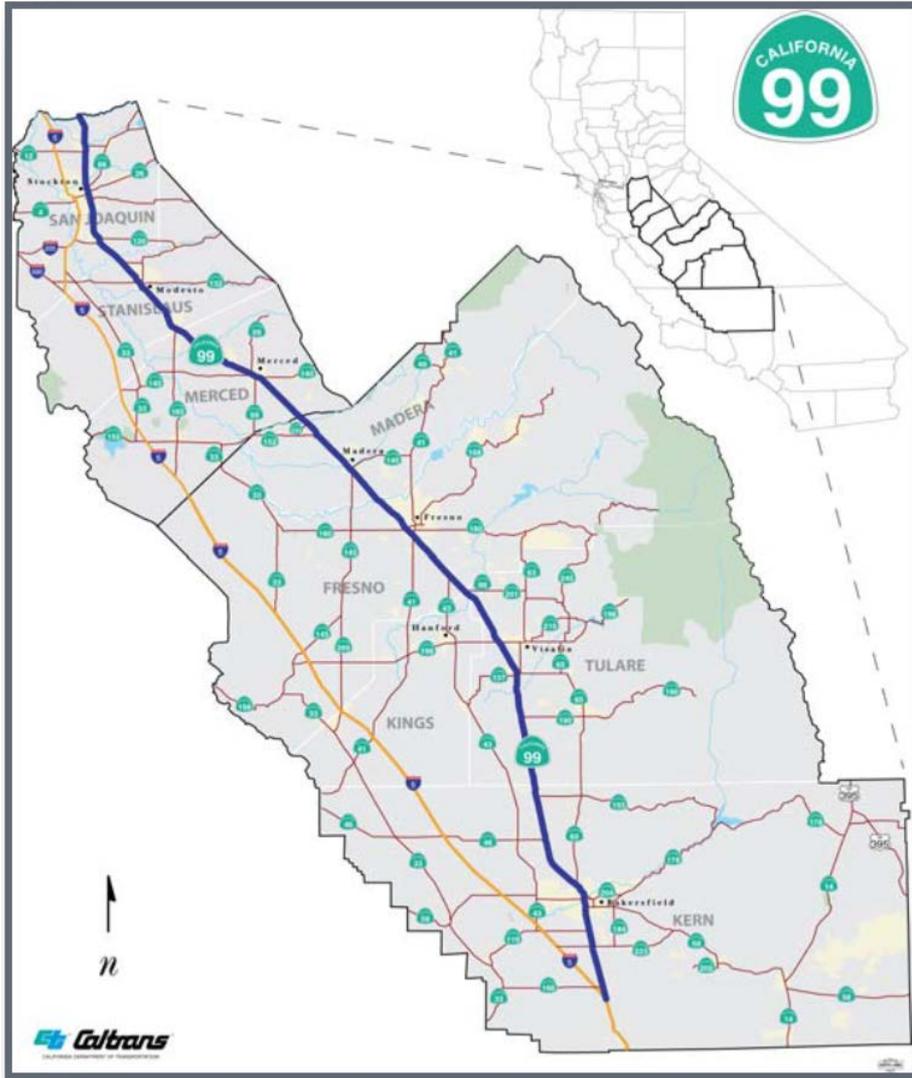


Ranks second in total road miles

San Joaquin Valley Coordination

- Air Quality Conformity Process
- Transportation and Air Quality Modeling
- Transportation Model Improvement Program
- San Joaquin Valley Blueprint
- Regional Transportation Plans
- Regional Transportation Improvement Programs (unified STIP submittal)
- SJV Partnership
- SJV Transit Study
- SJV Environmental Justice Study

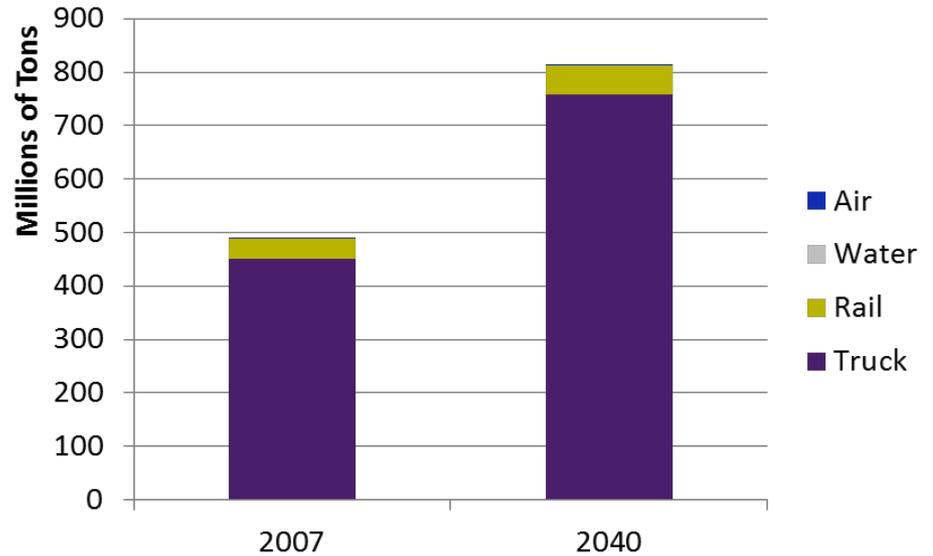
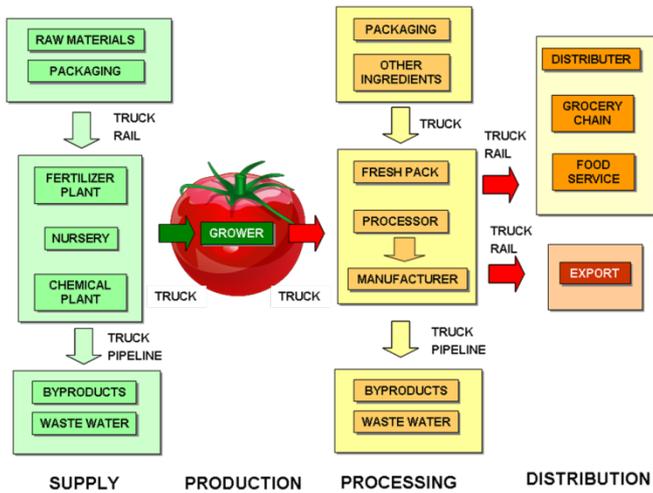
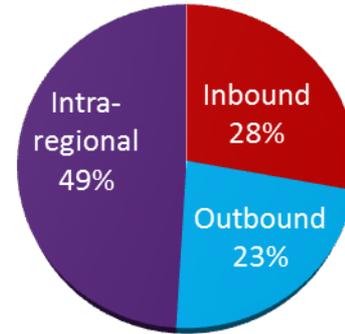
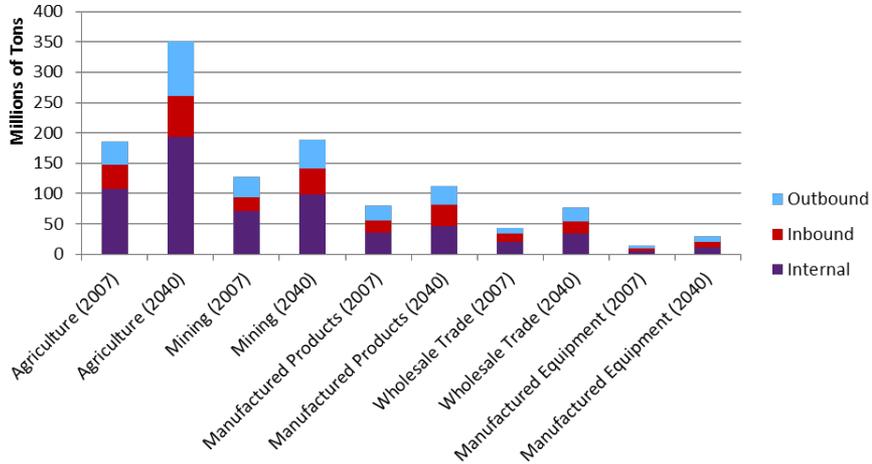




The Valley's "Main Street"

- SR-99 plays a vital role in the movement of people and goods throughout the San Joaquin Valley, and beyond
- This corridor goes through most of the major urban areas
- Caltrans currently has 20 projects along the corridor (11 in District 6 and 9 in District 10)
- Prop 1B 99 Bond Program and other sources have allocated \$2.7 billion to the corridor; continued need equates to \$3.5 billion

Goods Movement



Goods Movement

Facility Type	Route #	County	MAX AADT (all traffic)	Truck AADT	Truck %
Interstate	5	San Joaquin, Merced, Fresno, Kern	152,000	39,500	26%
State Route	58	Kern	70,000	17,500	25%
State Route	99	All SJV Counties (except Kings)	132,000	27,700	21%
State Route	119	Kern	12,500	2,600	21%
State Route	46	Kern	10,500	2,000	19%
State Route	190	Tulare	23,100	4,200	18%
Interstate	580	San Joaquin	32,000	5,800	18%
State Route	33	Merced, Fresno, Kern	11,800	1,700	14%
State Route	43	Fresno, Kings, Kern	18,500	2,600	14%
State Route	201	Fresno	17,600	2,500	14%
State Route	4	San Joaquin	89,000	11,600	13%
State Route	137	Tulare	25,000	3,000	12%



Challenges in the Valley

- Large scale of the region - 27,000 square miles, 250 miles from north to south, natural development along SR-99 creating congestion and pollution
- Different value systems among the COGs - some are rural in nature, some more urban, with different priorities
- Future population growth – twice the growth rate of the state
- Demographic challenges – high poverty, high unemployment



Challenges in the Valley

- Balancing goods movement with sustainability
- Implementation of SB 375 and other State priorities
- Funding State Route 99 improvements throughout the Valley
- Lack of adequate east/west corridors
- Development of a (multimodal) transportation system
- Sales tax measure disparity - some COGs have one, some don't
- Proportional representation for voting and allocation of resources - now, one COG, one vote

Questions?



Thank you for your time!