

# San Joaquin Valley Model Improvement Plan

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# 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
- 8 MPOs
- One Air Basin – the San Joaquin Valley Air Pollution Control District



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# San Joaquin Valley



250 miles from north to south

Some counties are rural in nature, some more urban, with different priorities

Future population growth – twice the growth rate of the state

Demographic challenges – poor, high unemployment, known as the “Appalachia of the West”

# Real World Problems

Rapid population growth

Complex air quality situation

Unique structure of MPOs

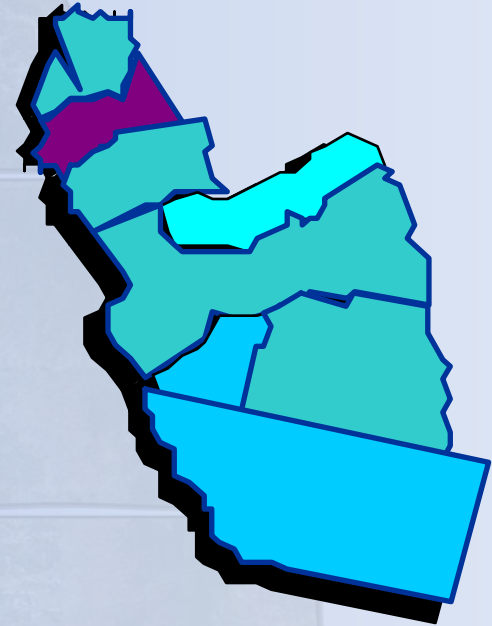


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# Transportation Conformity

- **Single Air Basin**
- **The San Joaquin Valley must show conformity as a whole, and**
- **Each county must conform to individual sub-regional emissions budgets**



# Critical Coordination

United  
Front



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# San Joaquin Valley Model Improvement Plan

Strategic Growth  
Council / Proposition  
84 Funds

Successful application  
for \$2.5 million

San Joaquin Valley MPOs  
Proposition 84 Grant Application  
Model Development and Data Gathering



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# Scoping Plan

## REQUEST FOR PROPOSAL

Develop a Scope of Work for Short Term Model Improvements for the 8 San Joaquin Valley MPO Traffic Models to Meet the Requirements of SB 375

Council of Fresno County Governments  
2035 Tulare Street, Suite 201  
Fresno, CA 93721  
(559) 233-4148

Additional background information on this proposal can be found on the Fresno COG website!  
[www.fresnocog.org](http://www.fresnocog.org)

Improvements to the 8 San Joaquin Valley Traffic Models in Response to SB375

1

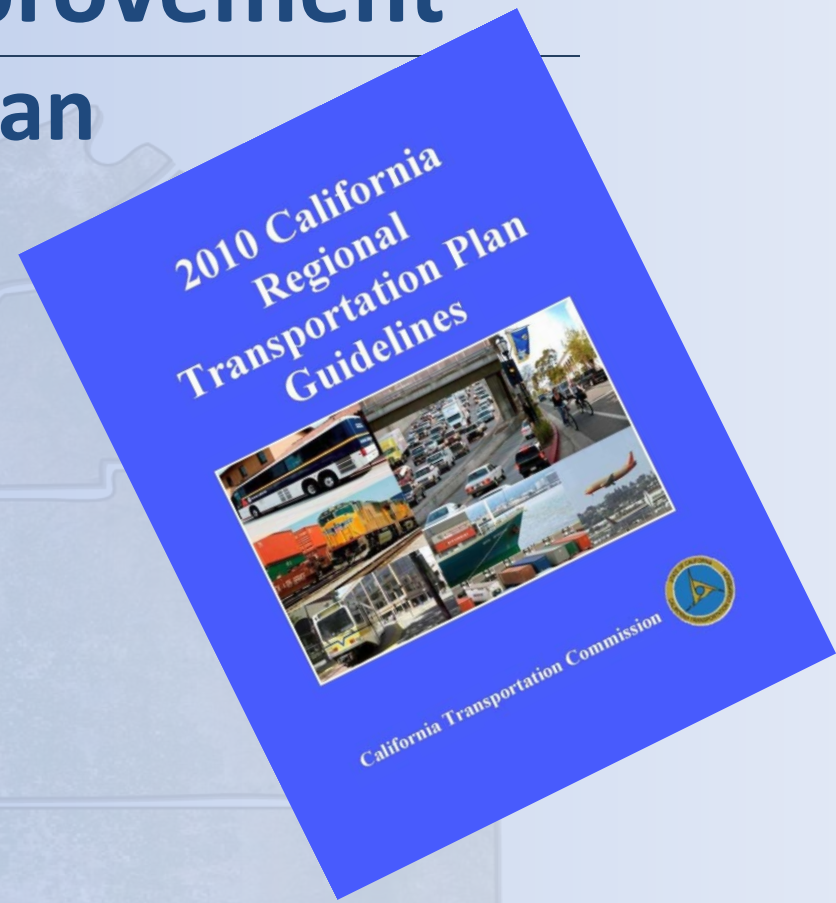
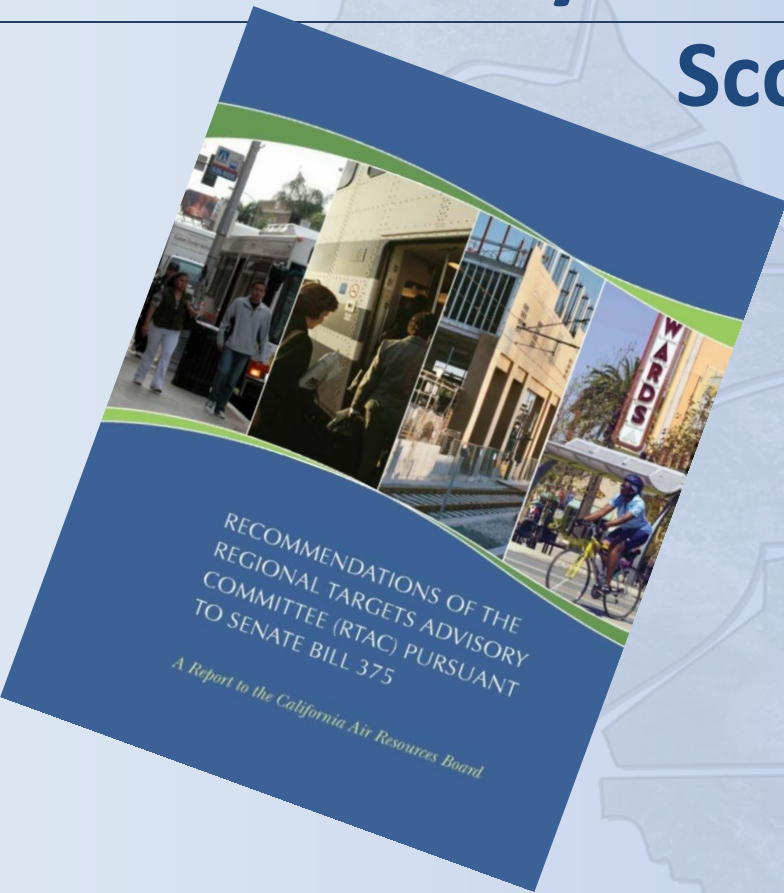
Funded with local dollars

Develop a Scope of Work for model improvements

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# Valley Model Improvement Scoping Plan



Scoping Plan included requirement for a detailed review of the RTP Modeling Guidelines and the Recommendations of the RTAC Committee

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# San Joaquin Valley Model Improvement Plan

Final RFP for model  
improvements in response  
to SB 375 Issued

## REQUEST FOR PROPOSAL

Update and improve each of the 8 San Joaquin Valley MPO traffic models.

Develop advanced modeling projects to meet near term needs.

Address items to ensure continued maintenance and improvement to the modeling process.

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(click on San Joaquin Valley Modeling)

Improvements to the 8 San Joaquin Valley MPO Traffic Models

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# Model Improvement Plan

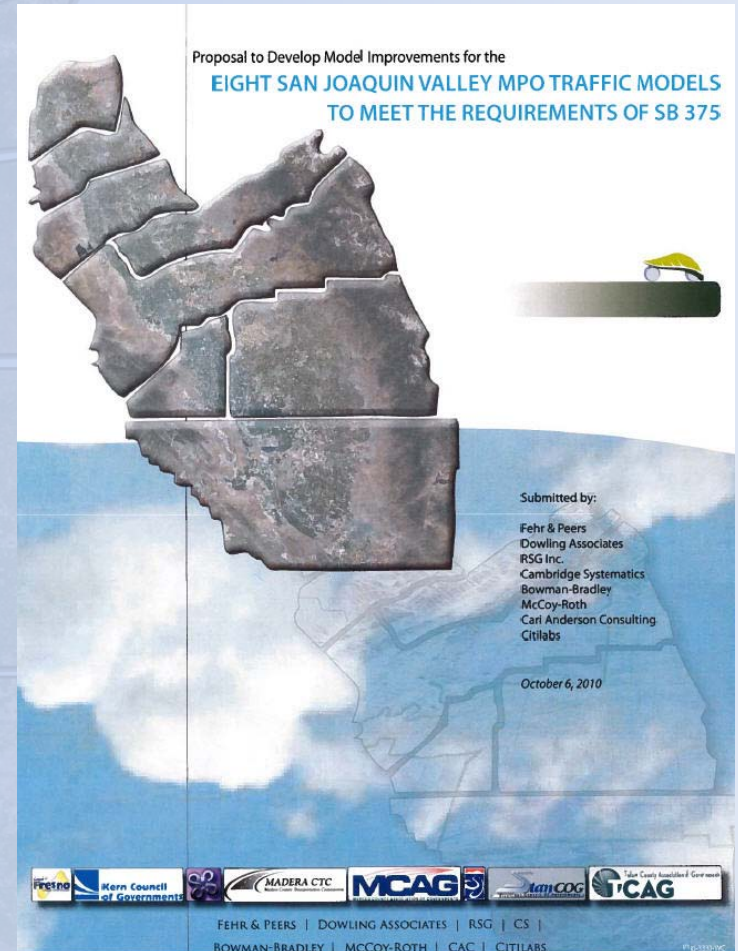
- Update and improve each of the 8 San Joaquin Valley MPO traffic models, with particular emphasis on the short term improvements capable of implementation by early 2012
- Meets or exceeds requirements of SB 375 & the 2010 RTP Modeling Guidelines.

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# Contract Awarded

- Fehr & Peers
- Dowling Associates
- Resource Systems Group Inc.
- Cambridge Systematics
- Bowman-Bradley
- McCoy-Roth (UC Davis)
- Cari Anderson Consulting
- Citilabs



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