

Planning for both Urban and Rural Goods Movement

SACOG

California Freight Advisory Committee

January 21, 2014



SACOG & Goods Movement in the Sacramento Region

A Crossroads Region

Convening Public & Private Stakeholders to Shape Policy and Implement Initiatives

Preparing Integrated Long-Range Plans that Reflect a Regional Vision

Offering Funding Support or Strategies for Short-Range Priority Improvements

Key Regional Issues Include...

- Local & regional truck movements dominate freight flows
- Port of West Sacramento cargo flows are increasing
- Freight rail system has limited growth capacity
- Air freight growth will be slow, with the region unlikely to become a major air cargo hub
- Distribution centers are larger than before, with fewer employees per square foot
- Mixed-use development means greater visibility of goods movement & more potential friction
- Farm-to-Market access critical to regional economy

Rural-Urban Connections Strategy

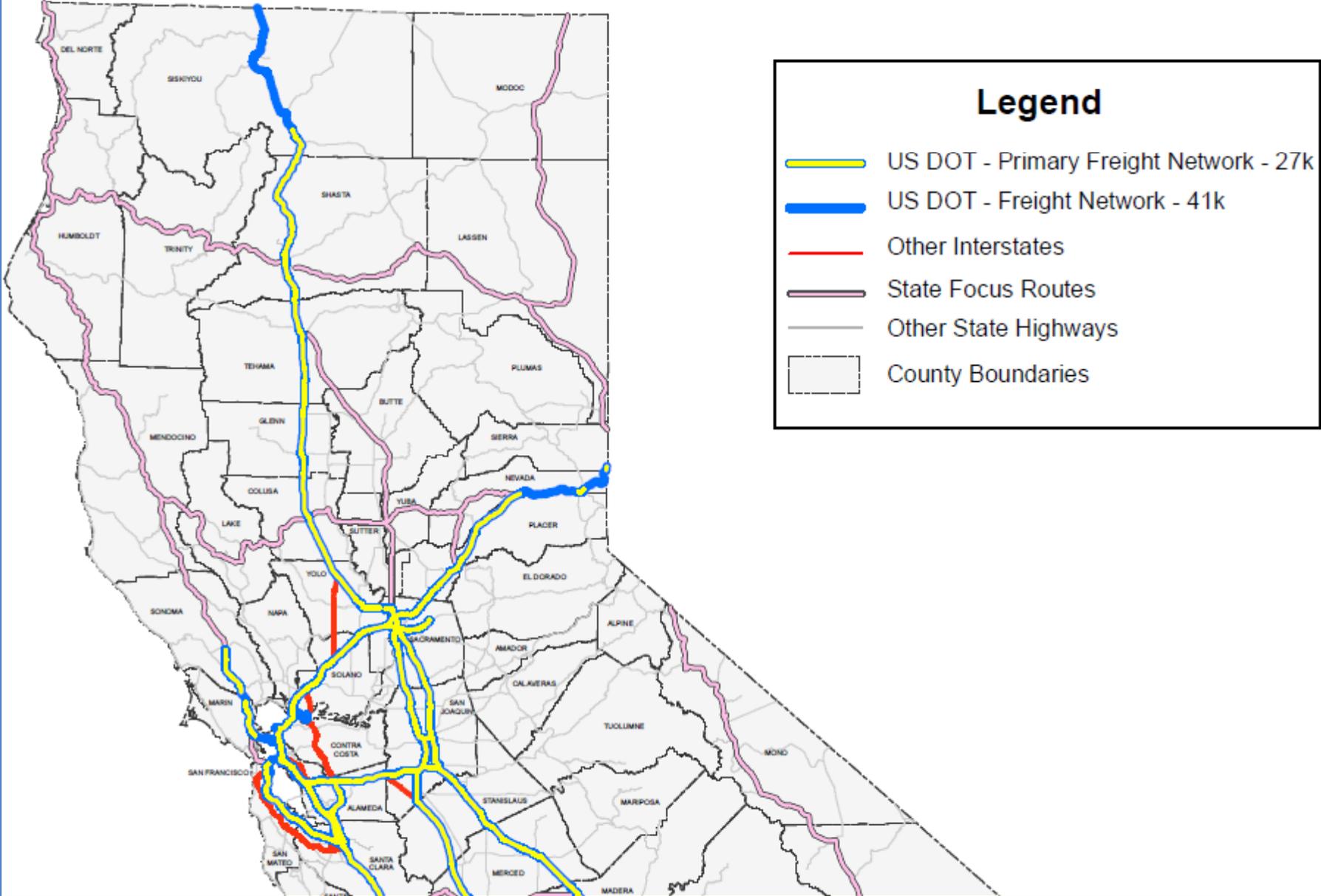
**Enhancing Rural Economic Viability
and Environmental Sustainability**



RUCS Objectives

- Enhance rural economic viability and environmental sustainability
- Identify rural challenges and opportunities
- Test agricultural market changes, policies and economic development strategies
- **Determine rural transportation and other infrastructure needs**

Draft California Highway Freight Network



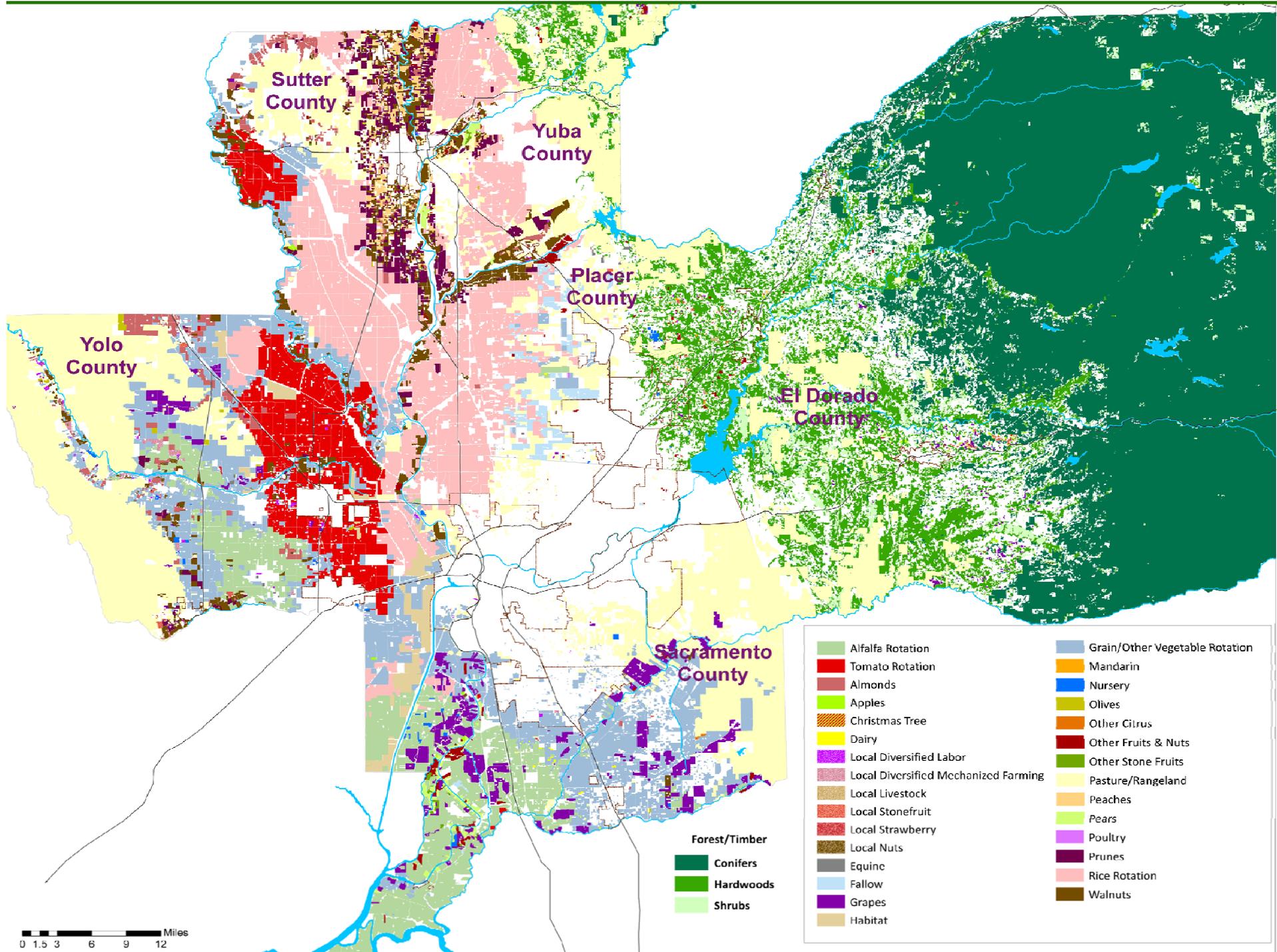
Assimilated STAA Routes



This map represents routes compiled June 21, 2012 by The Tioga Group, Inc. The data sources are from SACOG, SJCOG, Sacramento County, San Joaquin County, and each of the municipalities that fall within the area of interest. The STAA designations have not been modified by Tioga as they are managed by these agencies.

Legend

-  National Network
-  Terminal Access



PLACE³S

ZOOMIN 2X ZOOMOUT 2X PAN IDENTIFY Parcel

% COV 100% REDEV MODE MARK % DENS 100% % ACRE 100% PLACE TYPE - [LEGEND](#)
ALFALFA ROTATION- 100% FUEL CHANGE

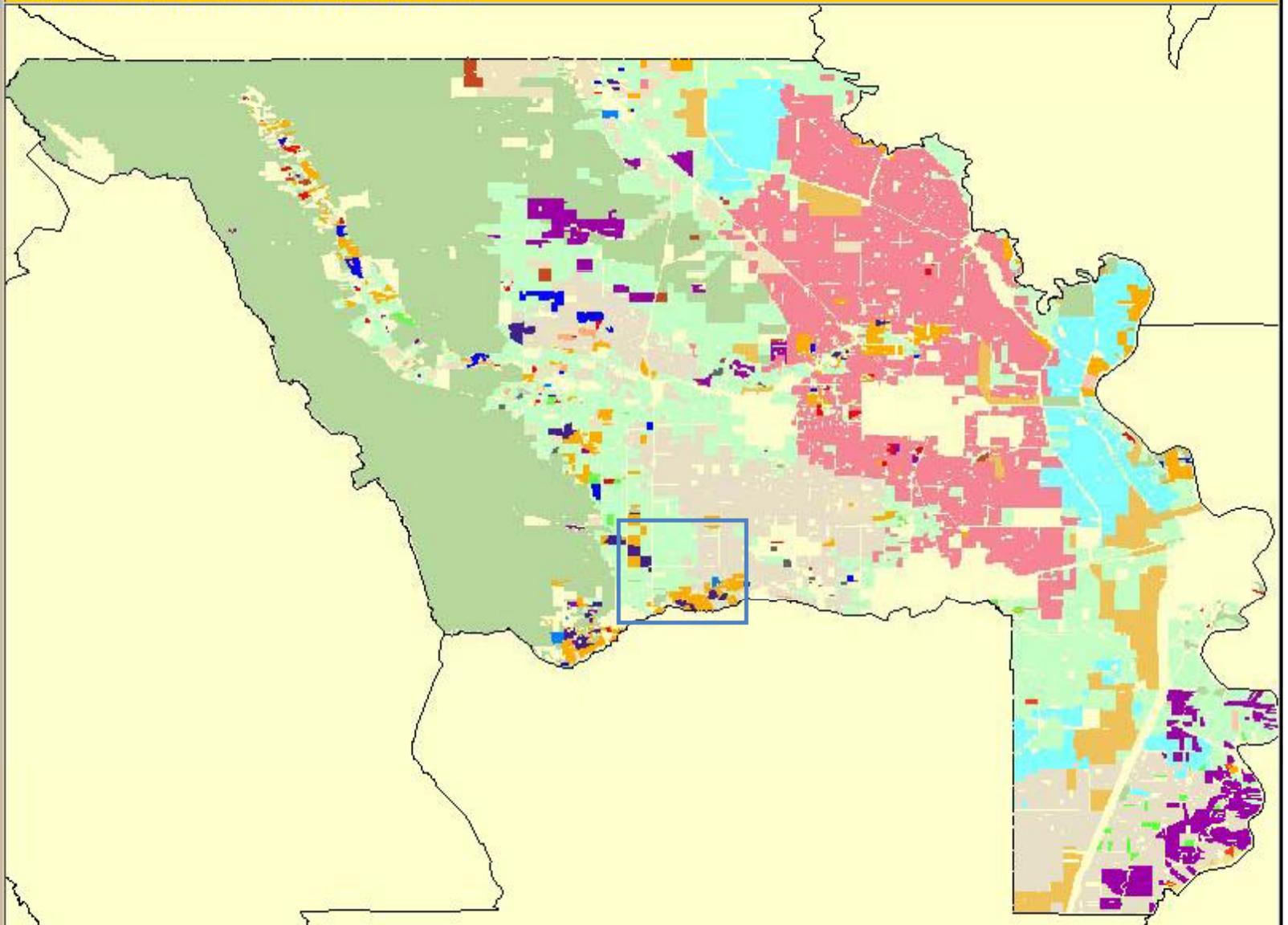
Layers

- ~ Roads
- ~ Parcel Lines

Map Size: 2X

Redraw

CLICK ON THE MAP TO PERFORM THE SELECTED ACTION



PLACE³S

ZOOMIN 2X ZOOMOUT 2X PAN IDENTIFY Parcel

% COV 100% REDEV MODE MARK % DENS 100% % ACRE 100% PLACE TYPE - LEGEND Alfalfa Rotation

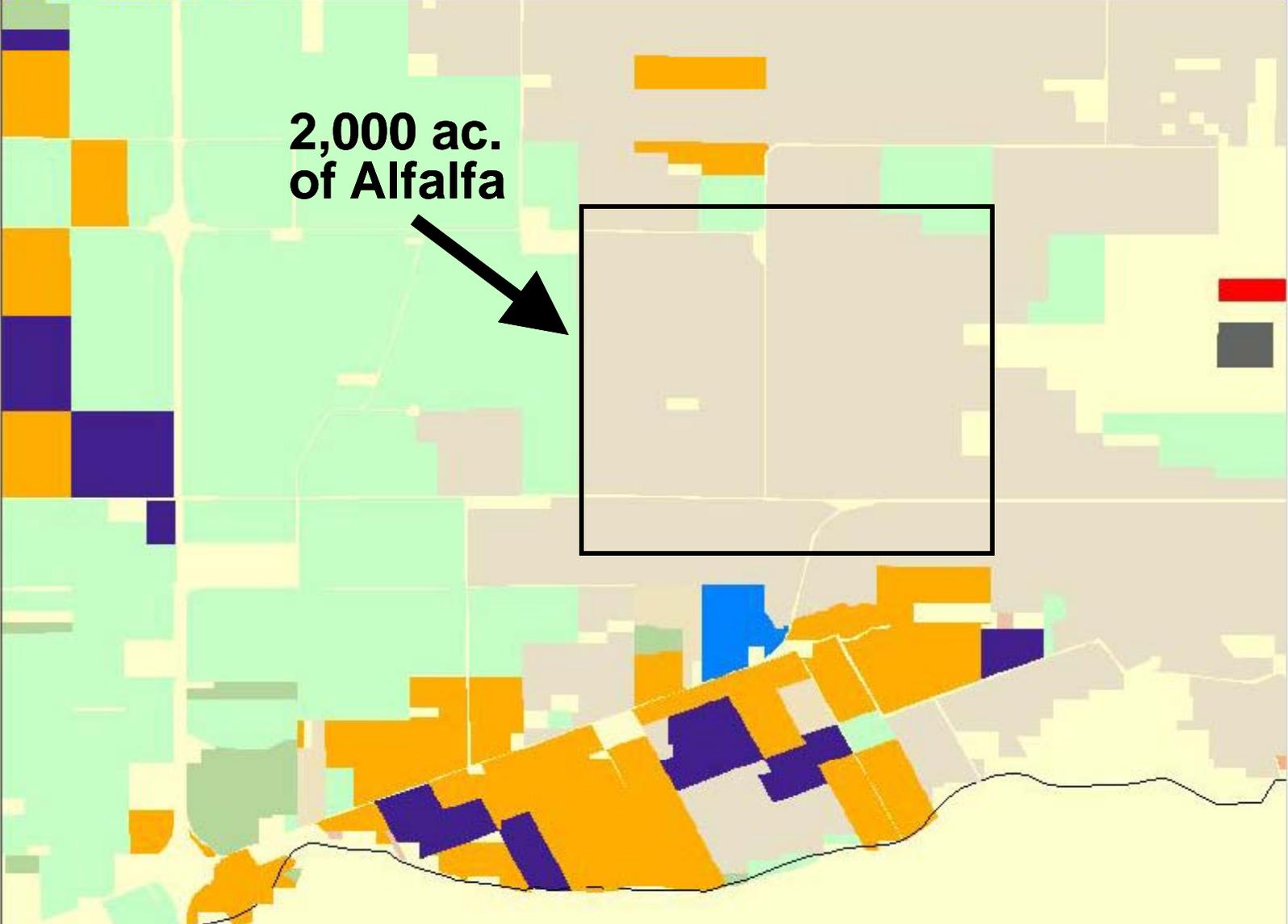
Layers

- Roads
- Parcel Lines

Map Size: 2X

Redraw

ID RESULTS: NO PARCELS FOUND



PLACE³S

ZOOMIN 2X ZOOMOUT 2X PAN IDENTIFY Parcel

% COV 100% REDEV MODE MARK % DENS 100% % ACRE 100% PLACE TYPE - LEGEND Prunes

ID RESULTS: PRUNES - 100%

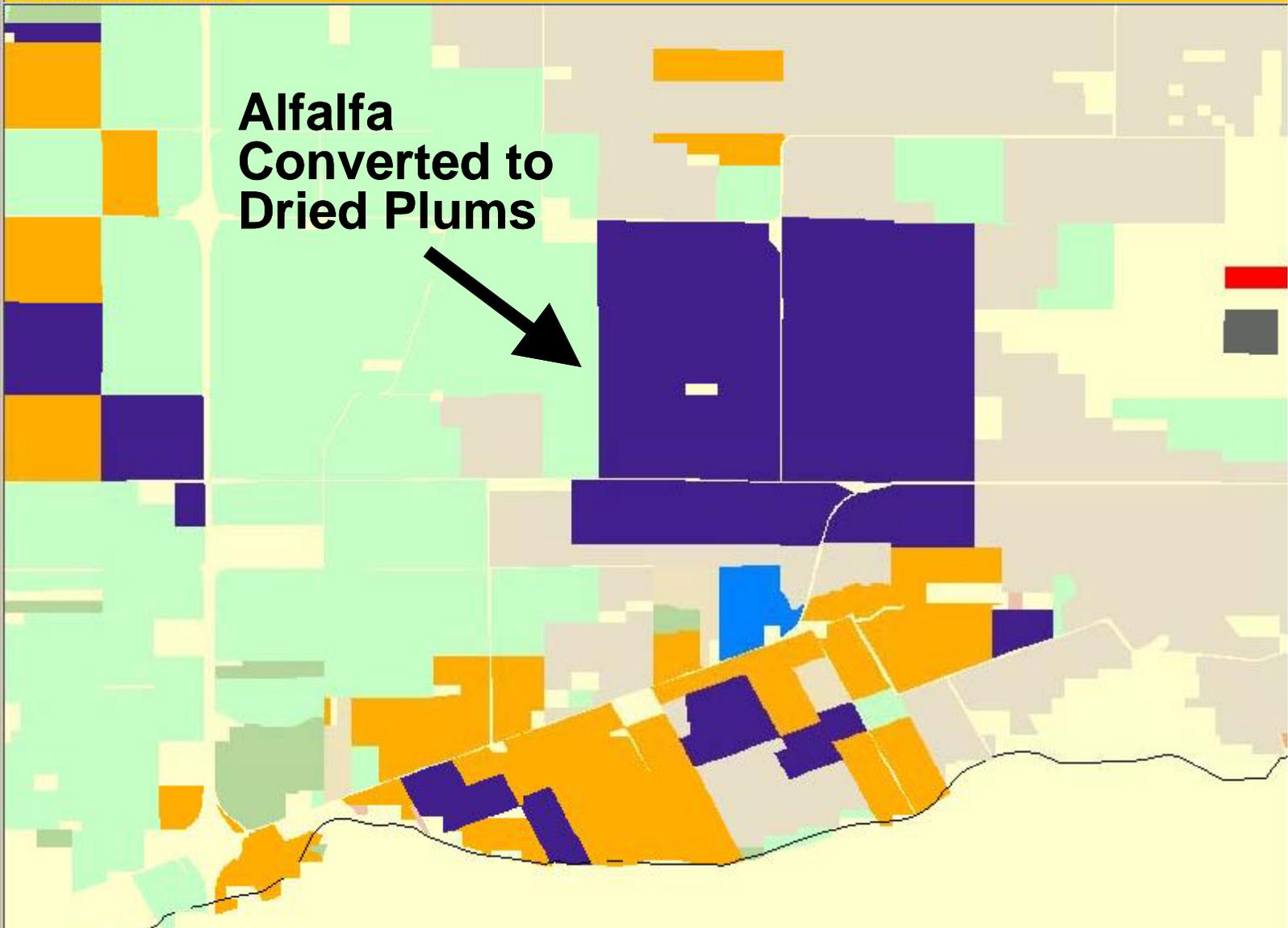
Layers

Roads

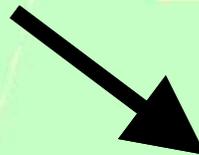
Parcel Lines

Map Size: 2X

Redraw



**Alfalfa
Converted to
Dried Plums**



PLACE³S

COMPARE SCENARIOS - RESULTS

[CURRENT PROJECT](#) **RUCS YOLO DAVID**
 [PROJECT TYPE](#) **NEIGHBORHOOD**
 [LEAD ORGANIZATION](#) **SACOG**
 [STUDY AREA](#) **CUSTOM STUDY SHAPEFILE**

CURRENT SCENARIO : *ALFALFA TO DRIED PLUMS*

SCENARIO COMPARISON

SCENARIO NAME	TOTAL ACRES	AG ACRES	AG VALUE	AG COST	AG RETURN	AG PCT RETURN	AG WATER ACRE / FEET	AG LABOR FTE	AG TRUCK TRIPS
BASE CASE	259,715	555,346.0	\$600,156,047	\$506,819,215	\$93,336,832	18.4%	662,613	1,989.2	99,939
ALFALFA TO DRIED PLUMS	261,653	555,344.7	\$608,653,171	\$513,458,345	\$95,194,826	18.5%	663,557	2,025.4	99,689

[JOB DIVERSITY CHART](#)

[HOUSING DIVERSITY CHART](#)

LOGGED IN AS [SHABAZIAN](#)

[CONTACT SITE](#) | [HELPDESK](#)

Value: + \$8M

Return: + \$2M

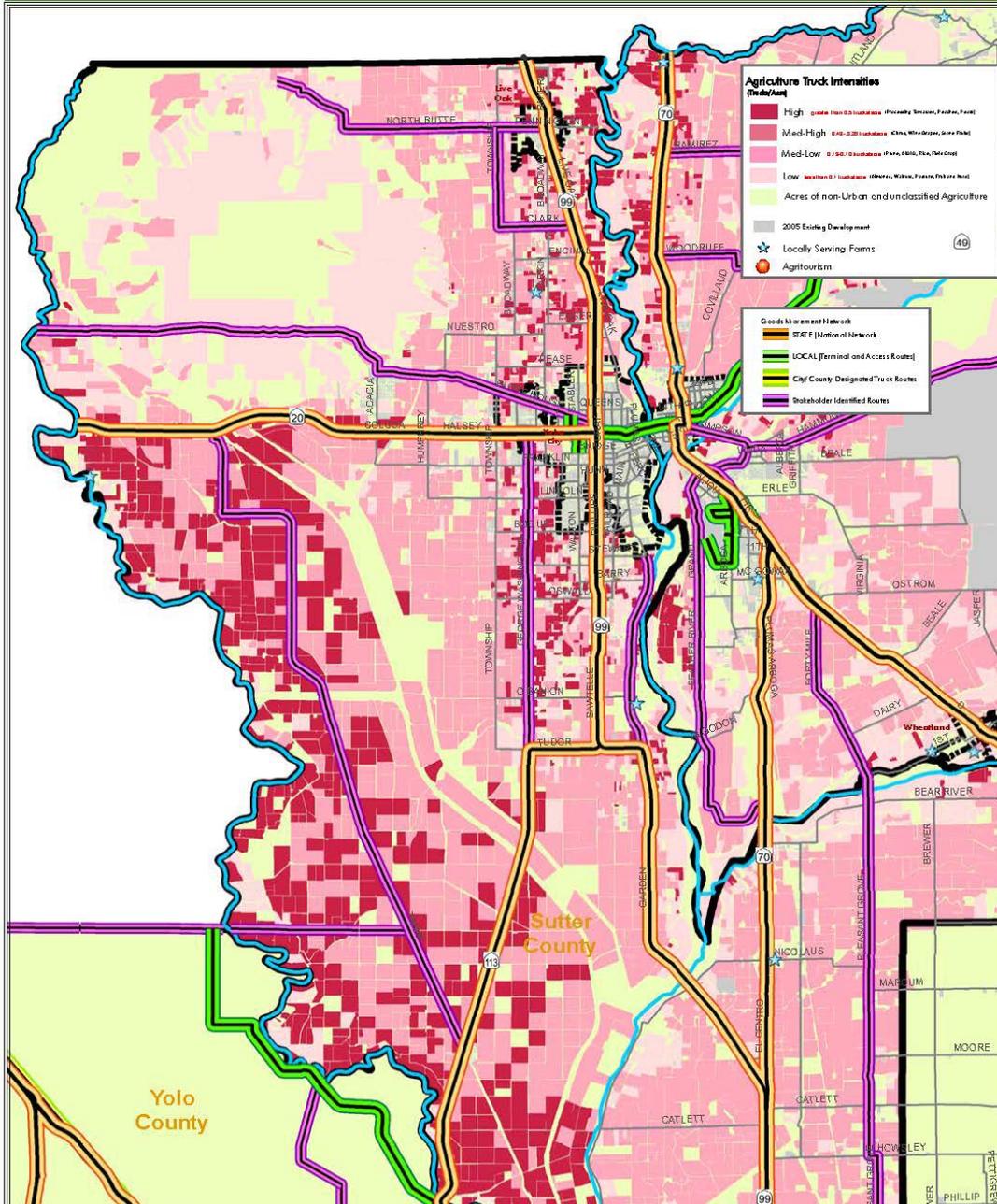
Water: + 1,000 ac-ft

Labor: + 35 workers

Trucks: - 250 trips

What's the freight impact on the region based on crop scenarios?

Regional Goods Movement Network & Truck Intensity - Sutter



Sacramento County STAA Vehicle Locations

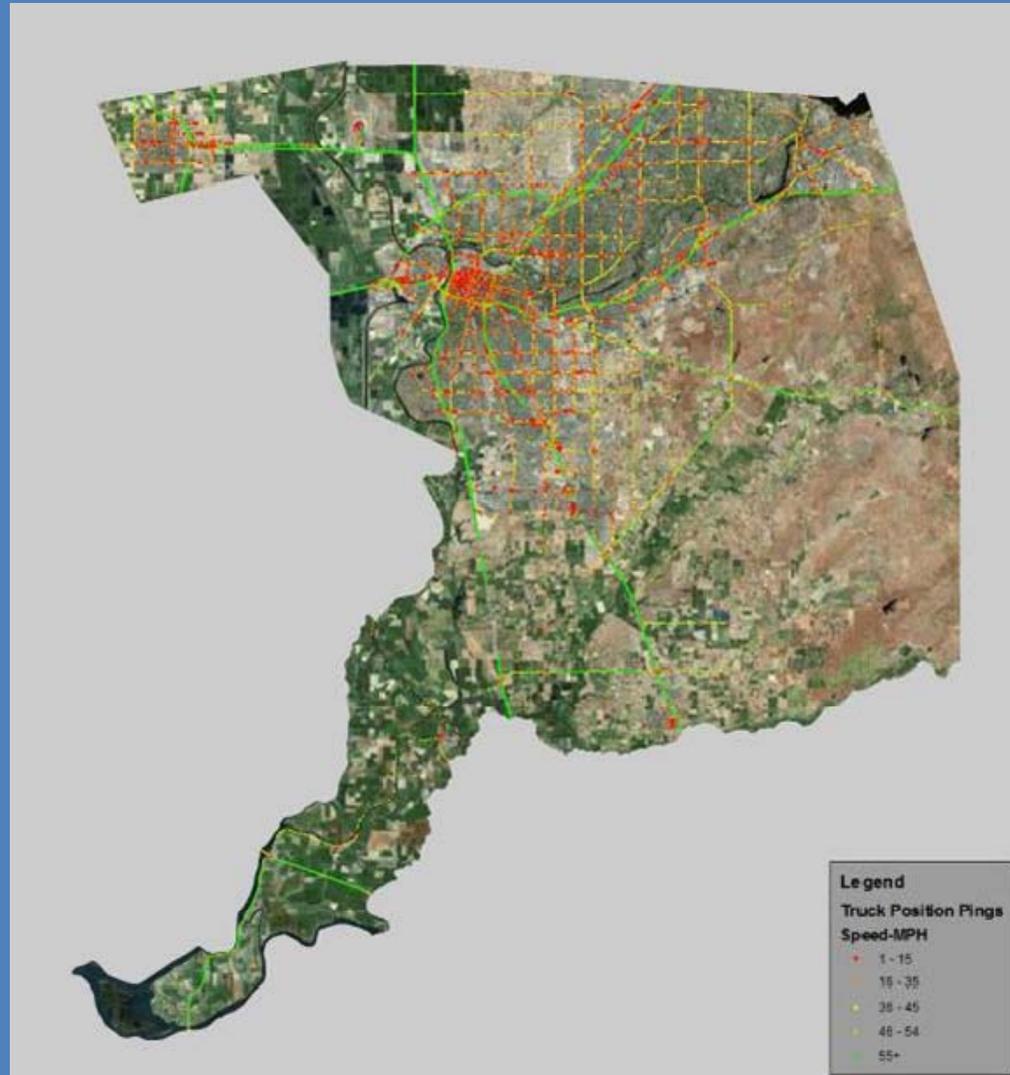


Exhibit 31: Central Sacramento Area STAA Vehicle Locations

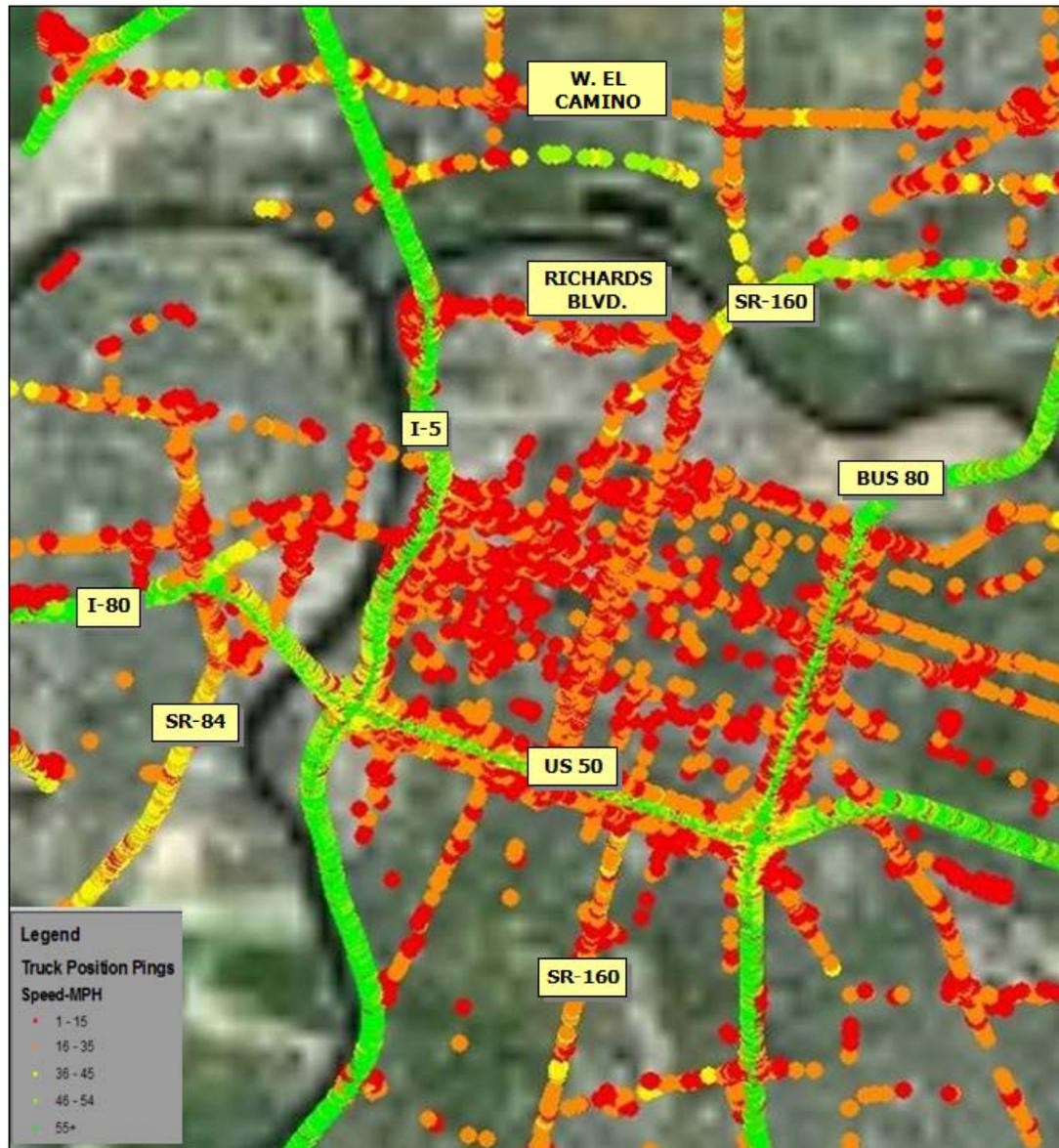


Exhibit 42: Twin Cities Road Project Area Truck Activity



Rural Transportation

Challenges

Urbanizing rural roads

Conflicts/accidents

Farm worker transport

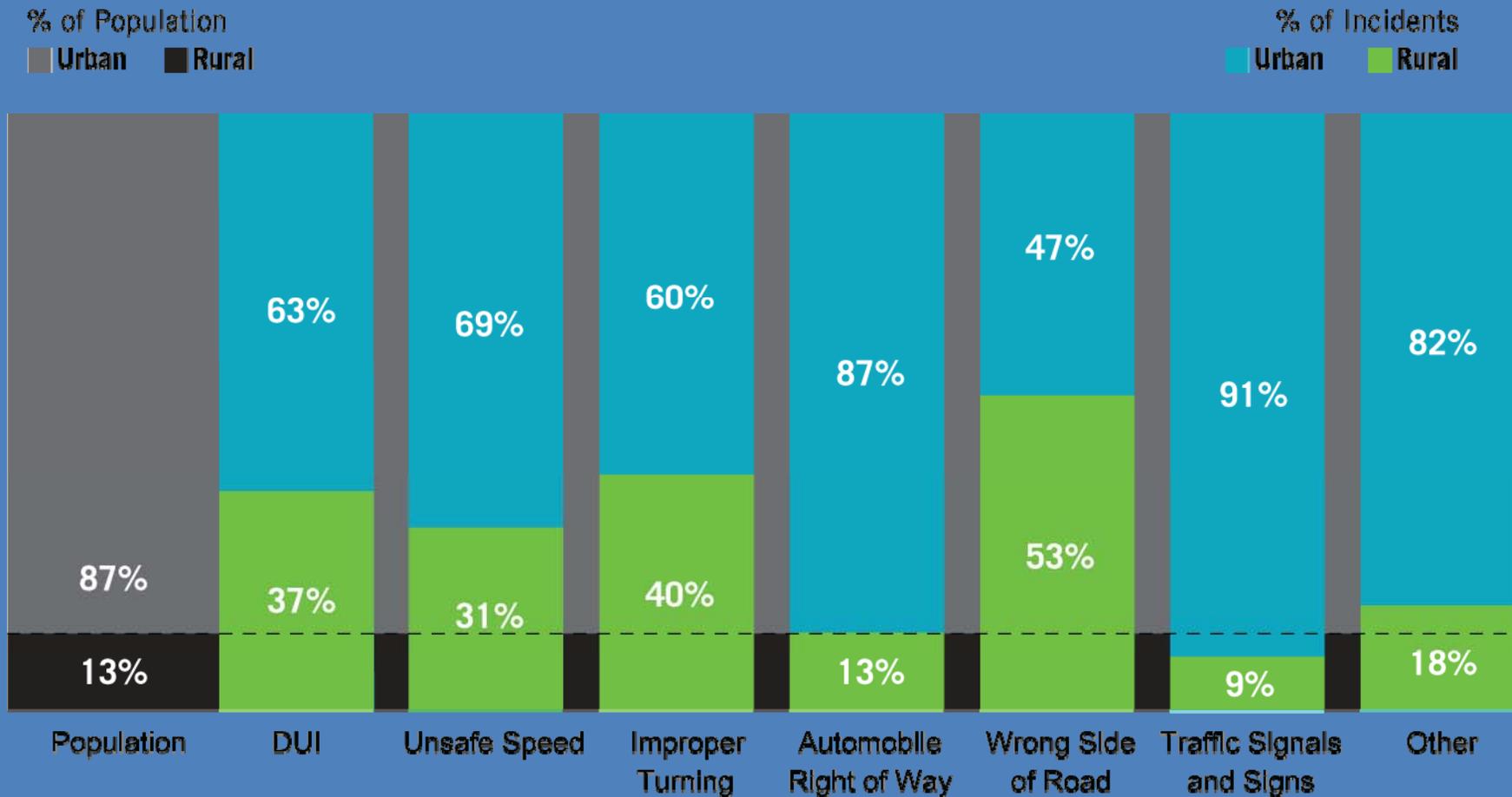
Road standards

Maintenance



Urban Rural/Edge Travel: Existing Conditions

44% of fatal collisions vs. 13% of population



Next Steps for SACOG

- Rural Truck Counts and Planning for Agricultural Investment Corridors
- Exchange rural information with Caltrans District 3 to better coordinate Urban and Rural Goods Movement planning
- Reflect the outcomes of these studies in the 2016 Regional Transportation Plan update

Questions?

Matt Carpenter

Director of Transportation Services

Sacramento Area Council of Governments

MCarpenter@sacog.org

Sam Shelton

Transportation Planner

sshelton@sacog.org

