

Planning for both Urban and Rural Land Use and Goods Movement

SACOG

Delta Stewardship Council

June 26, 2014



SACOG MTP/SCS

Land Use & Goods Movement planning in the Sacramento 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

Rural-Urban Connections Strategy

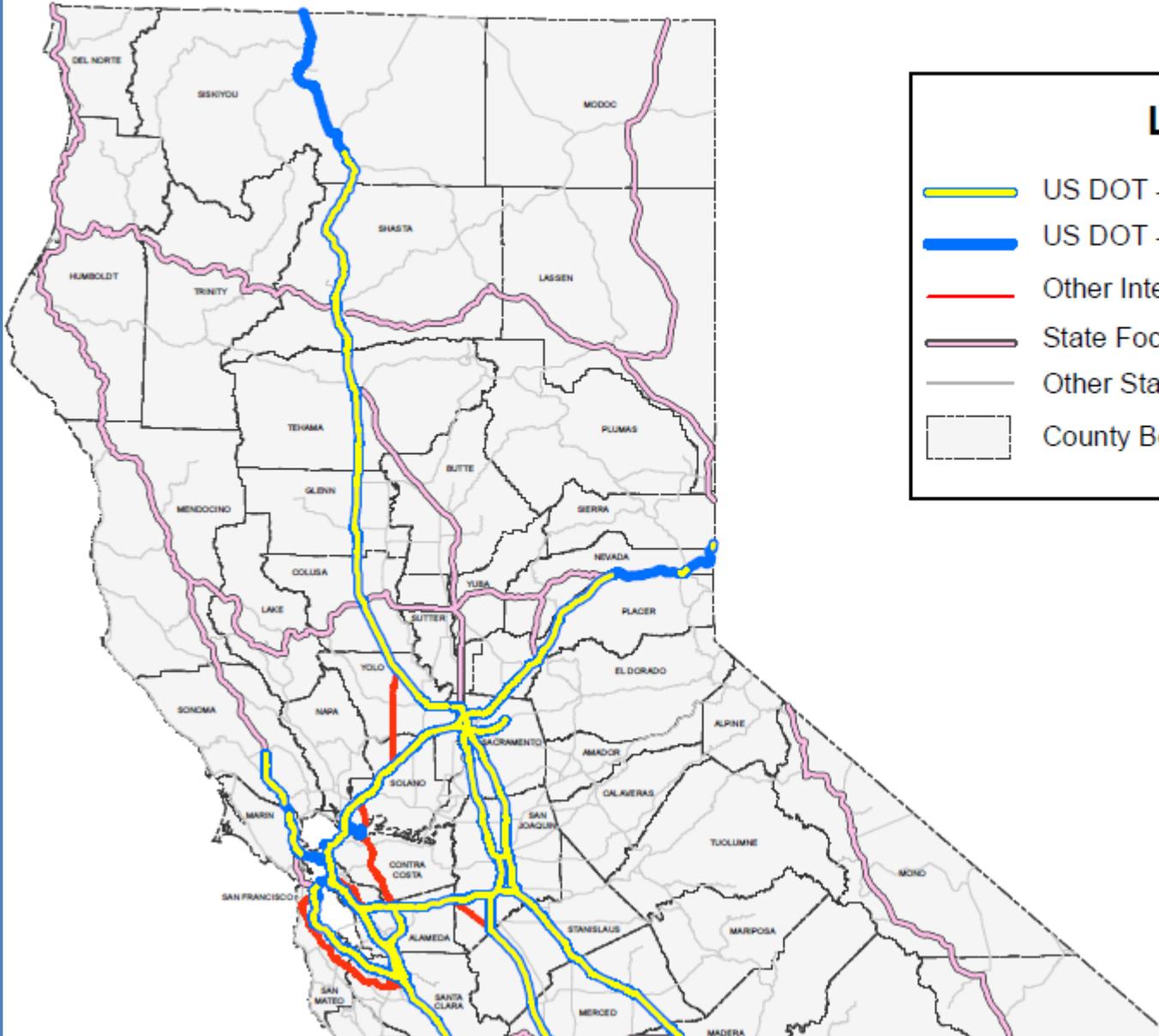
**Enhancing Rural Economic Viability
and Environmental Sustainability**



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



Legend

-  US DOT - Primary Freight Network - 27k
-  US DOT - Freight Network - 41k
-  Other Interstates
-  State Focus Routes
-  Other State Highways
-  County Boundaries

Draft Regional Goods Movement Truck Routes

February, 2014



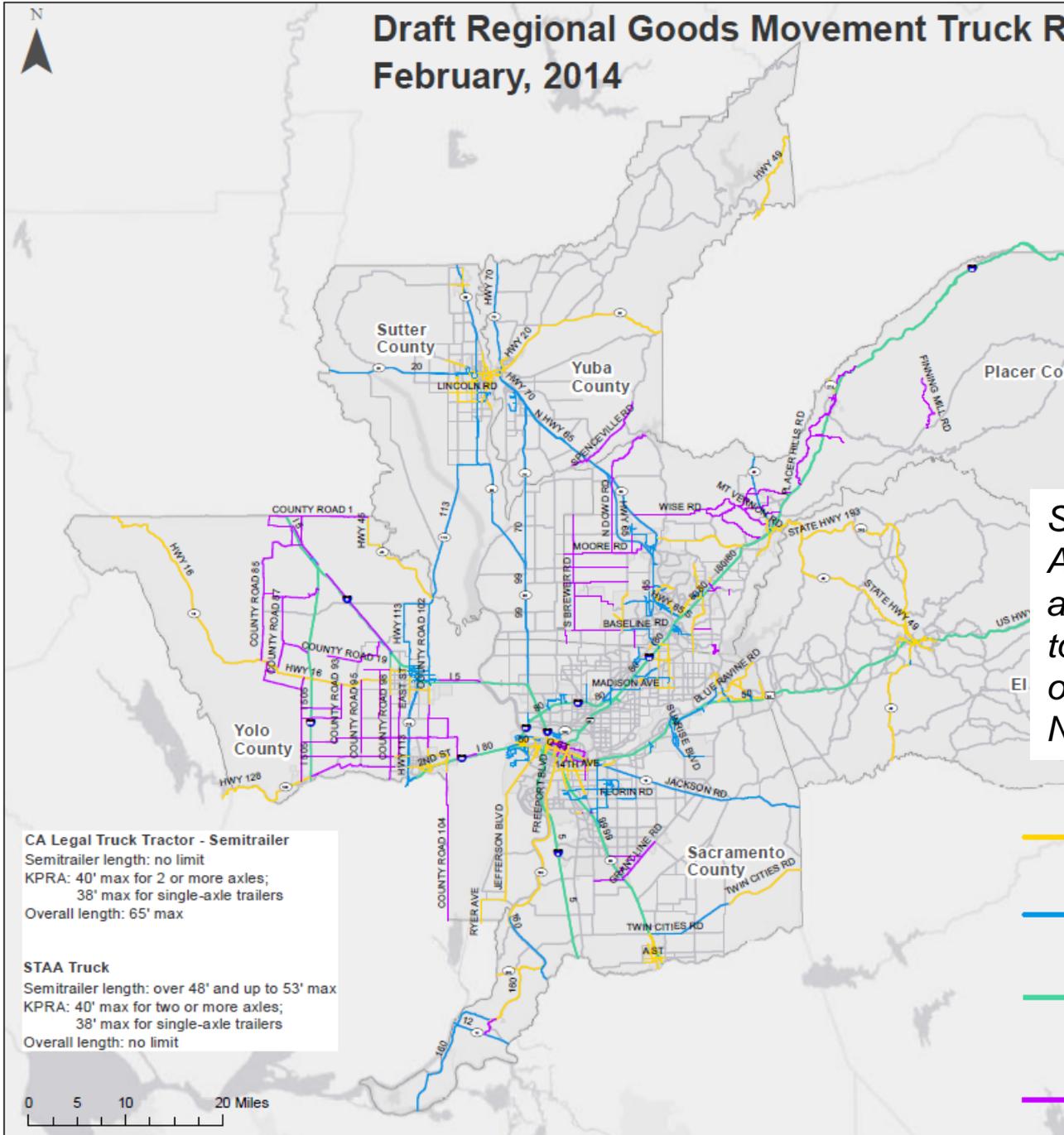
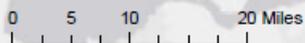
Surface Transportation Assistance Act of 1982 allows large trucks, referred to as STAA trucks, to operate on routes that are part of the National Network.

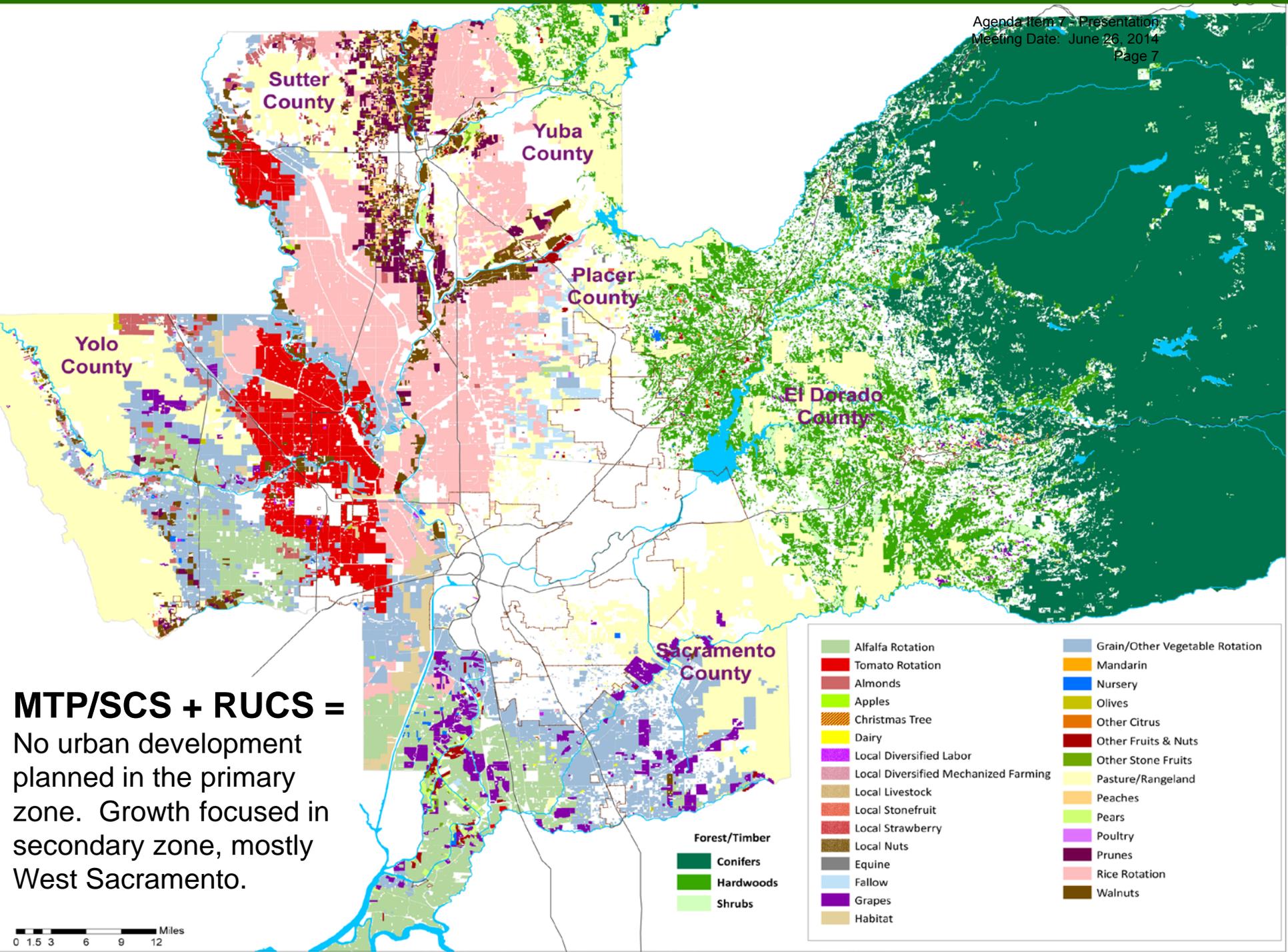
CA Legal Truck Tractor - Semitrailer
 Semitrailer length: no limit
 KPRA: 40' max for 2 or more axles;
 38' max for single-axle trailers
 Overall length: 65' max

STAA Truck
 Semitrailer length: over 48' and up to 53' max
 KPRA: 40' max for two or more axles;
 38' max for single-axle trailers
 Overall length: no limit

Truck Route Classifications

- **CA Legal Truck Route**
 A truck tractor-semi-trailer (or double) that can travel on virtually any route in California.
- **Terminal Access and Local Routes**
 State or local routes that have granted access to STAA trucks.
- **National Network**
 Federal highways included in the National System of Interstate and Defense Highways. This network can accommodate STAA and CA Legal Trucks.
- **Special & Restricted Routes**
 Recommended and weight-restricted truck routes.





Sutter County

Yuba County

Placer County

Yolo County

El Dorado County

Sacramento County

MTP/SCS + RUCS =
 No urban development
 planned in the primary
 zone. Growth focused in
 secondary zone, mostly
 West Sacramento.

- | | |
|--------------------------------------|--------------------------------|
| Alfalfa Rotation | Grain/Other Vegetable Rotation |
| Tomato Rotation | Mandarin |
| Almonds | Nursery |
| Apples | Olives |
| Christmas Tree | Other Citrus |
| Dairy | Other Fruits & Nuts |
| Local Diversified Labor | Other Stone Fruits |
| Local Diversified Mechanized Farming | Pasture/Rangeland |
| Local Livestock | Peaches |
| Local Stonefruit | Pears |
| Local Strawberry | Poultry |
| Local Nuts | Prunes |
| Equine | Rice Rotation |
| Fallow | Walnuts |
| Grapes | |
| Habitat | |

- Forest/Timber**
- Conifers
 - Hardwoods
 - Shrubs

0 1.5 3 6 9 12 Miles

ZOOMIN 2X ZOOMOUT 2X PAN IDENTIFY Parcel

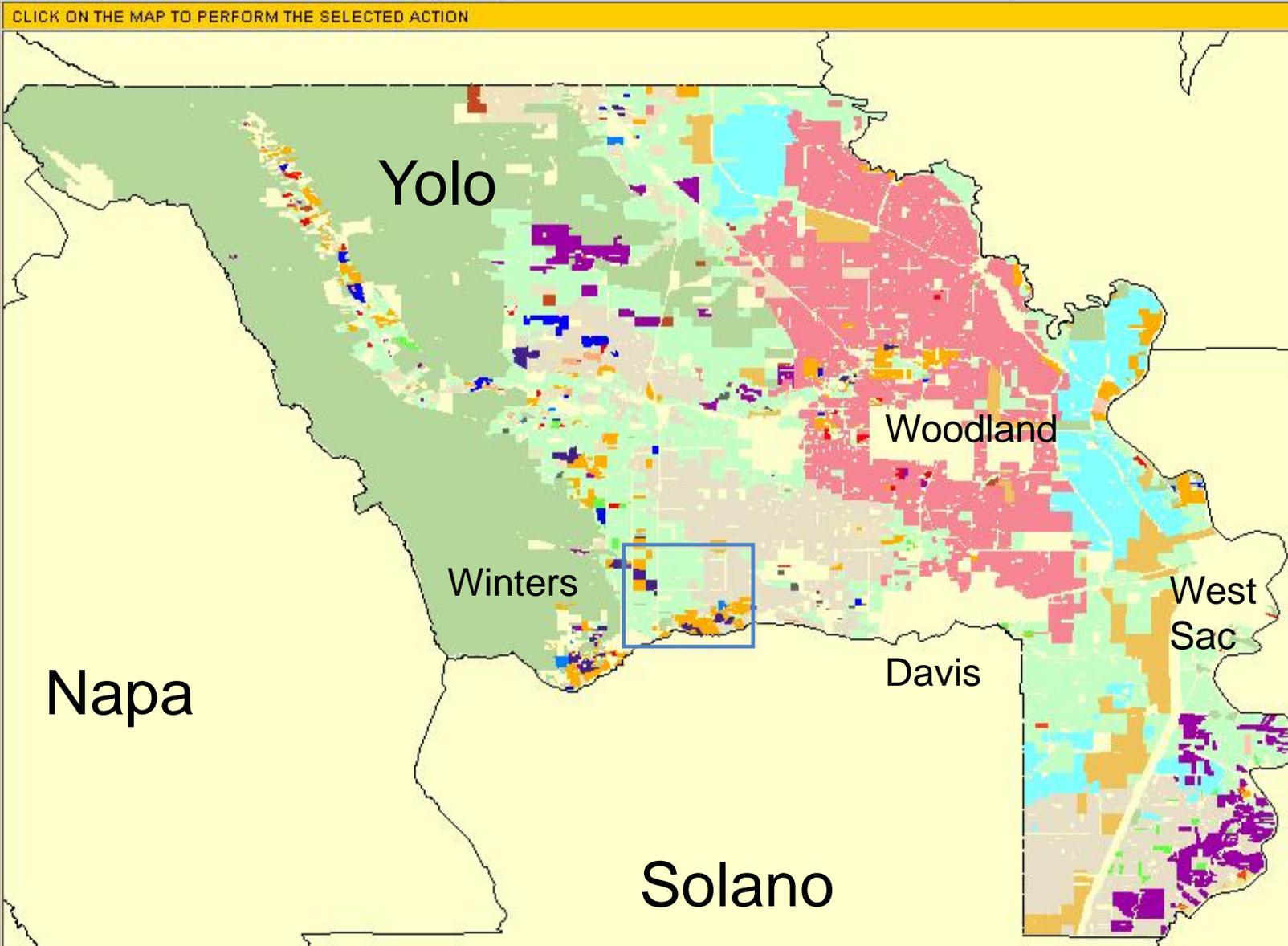
% COV 100% REDEV MODE MARK % DENS 100% % ACRE 100% PLACE TYPE - [LEGEND](#)
ALFALFA ROTATION- 100% FUEL CHANGE

Layers

- Roads
- Parcel Lines

Map Size: 2X

Redraw



ZOOMIN 2X ZOOMOUT 2X PAN IDENTIFY Parcel

% COV 100% REDEV MODE MARK % DENS 100% % ACRE 100% PLACE TYPE - [LEGEND](#)
Alfalfa Rotation

Layers

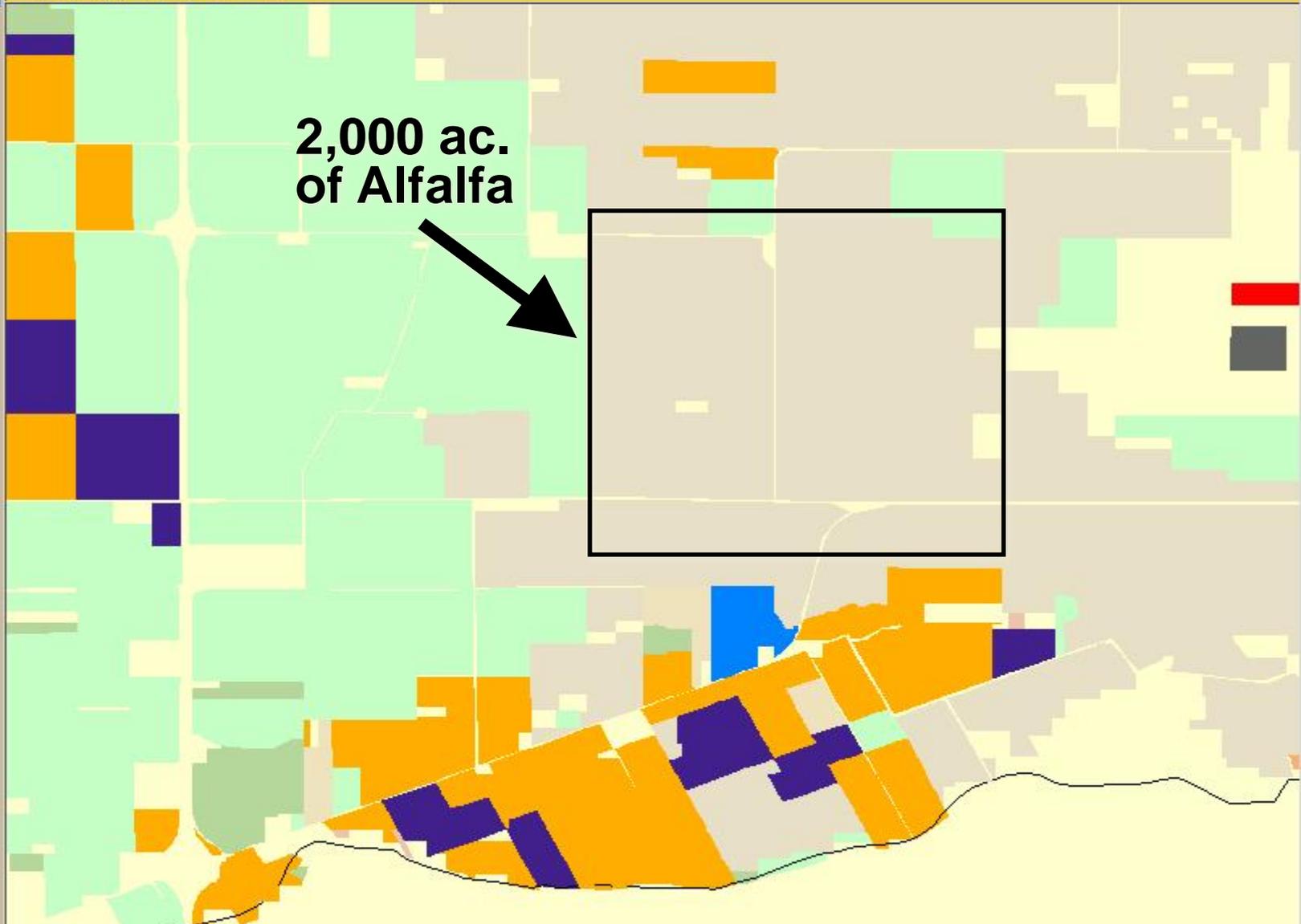
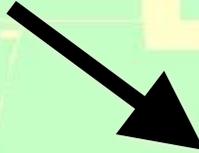
- Roads
- Parcel Lines

Map Size: 2X

Redraw

ID RESULTS: NO PARCELS FOUND

**2,000 ac.
of Alfalfa**



ZOOMIN 2X ZOOMOUT 2X PAN IDENTIFY Parcel

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

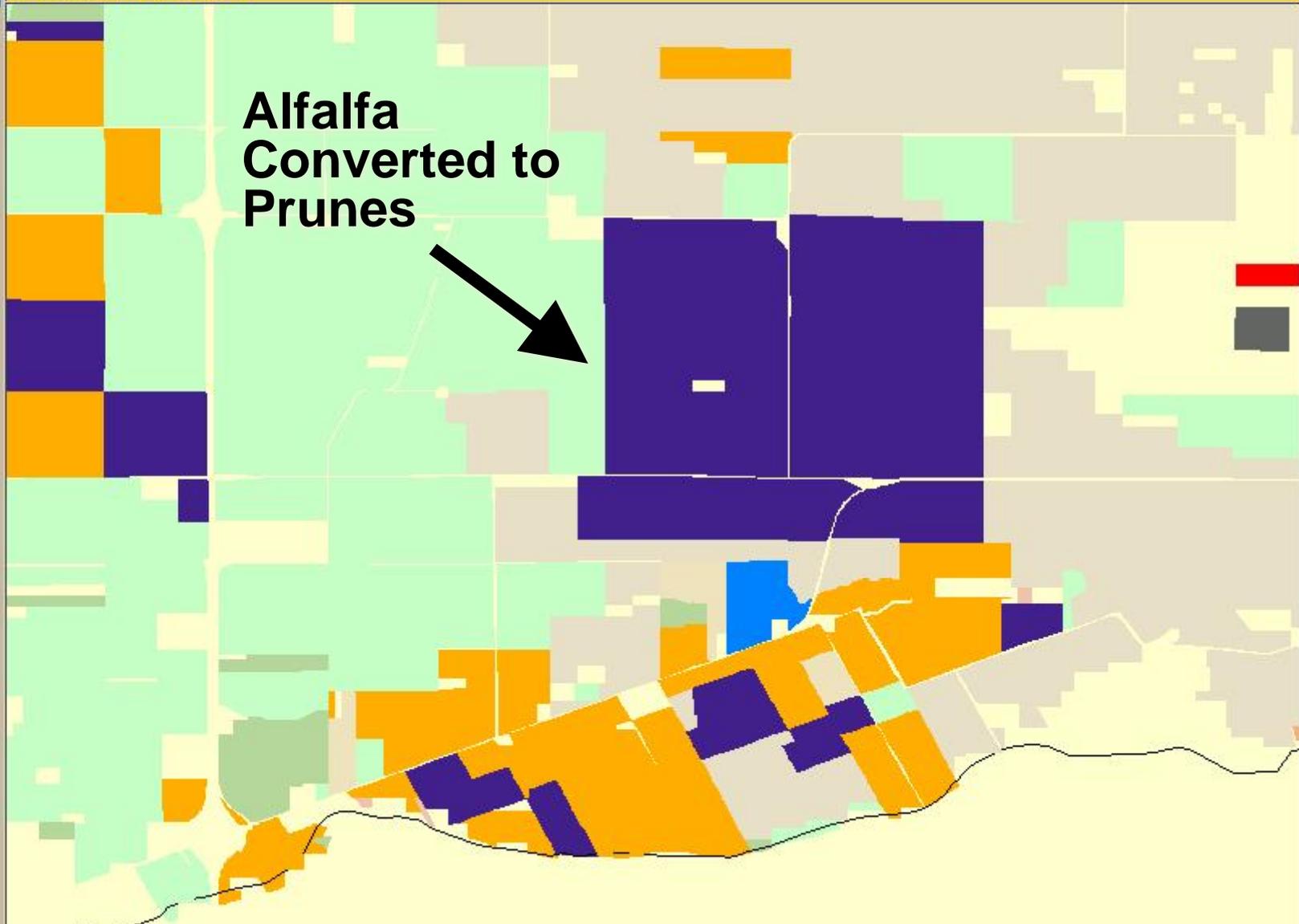
Layers

- Roads
- Parcel Lines

Map Size: 2X

Redraw

ID RESULTS: PRUNES - 100%



**Alfalfa
Converted to
Prunes**

PLACE³S

COMPARE SCENARIOS - RESULTS

<u>CURRENT PROJECT</u> YOLO SGC SCENARIOS	<u>PROJECT TYPE</u> NEIGHBORHOOD	<u>LEAD ORGANIZATION</u> SACOG	<u>STUDY AREA</u> CUSTOM STUDY SHAPEFILE
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CURRENT SCENARIO : *BASE CASE*

SCENARIO COMPARISON

SCENARIOS	AG ACRES	AG VALUE	AG COST	AG RETURN	AG PCT RETURN	AG WATER ACRE / FEET	AG LABOR FTE	AG TRUCK TRIPS
BASE CASE	562,360.4	\$708,969,323	\$567,227,852	\$141,741,471	25.0%	995,064	2,677.1	112,912
ALAFLEA TO PRUNE	562,360.4	\$711,029,876	\$568,792,417	\$142,237,459	25.0%	994,567	2,686.9	112,865

[JOB DIVERSITY CHART](#)

[HOUSING DIVERSITY CHART](#)

LOGGED IN AS [LIBBYOS123](#)

[CONTACT SITE](#) [HELP/DESK](#)

Value: + \$2M

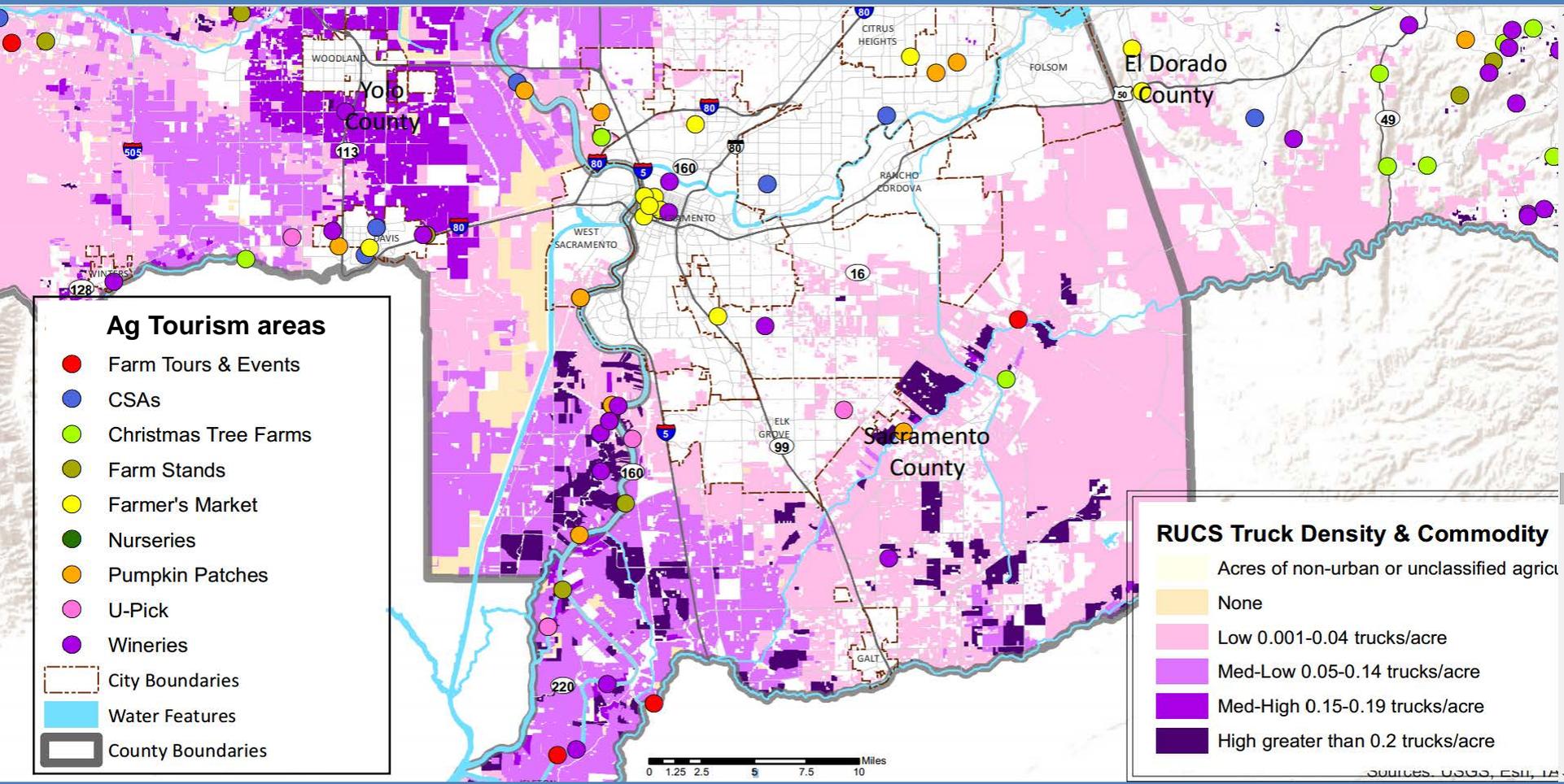
Return: + \$500,000

Water: -500 ac-ft

Labor: + 10 workers

Trucks: - 47 trips

What's the impact on the region?



Sacramento County STAA Vehicle Locations

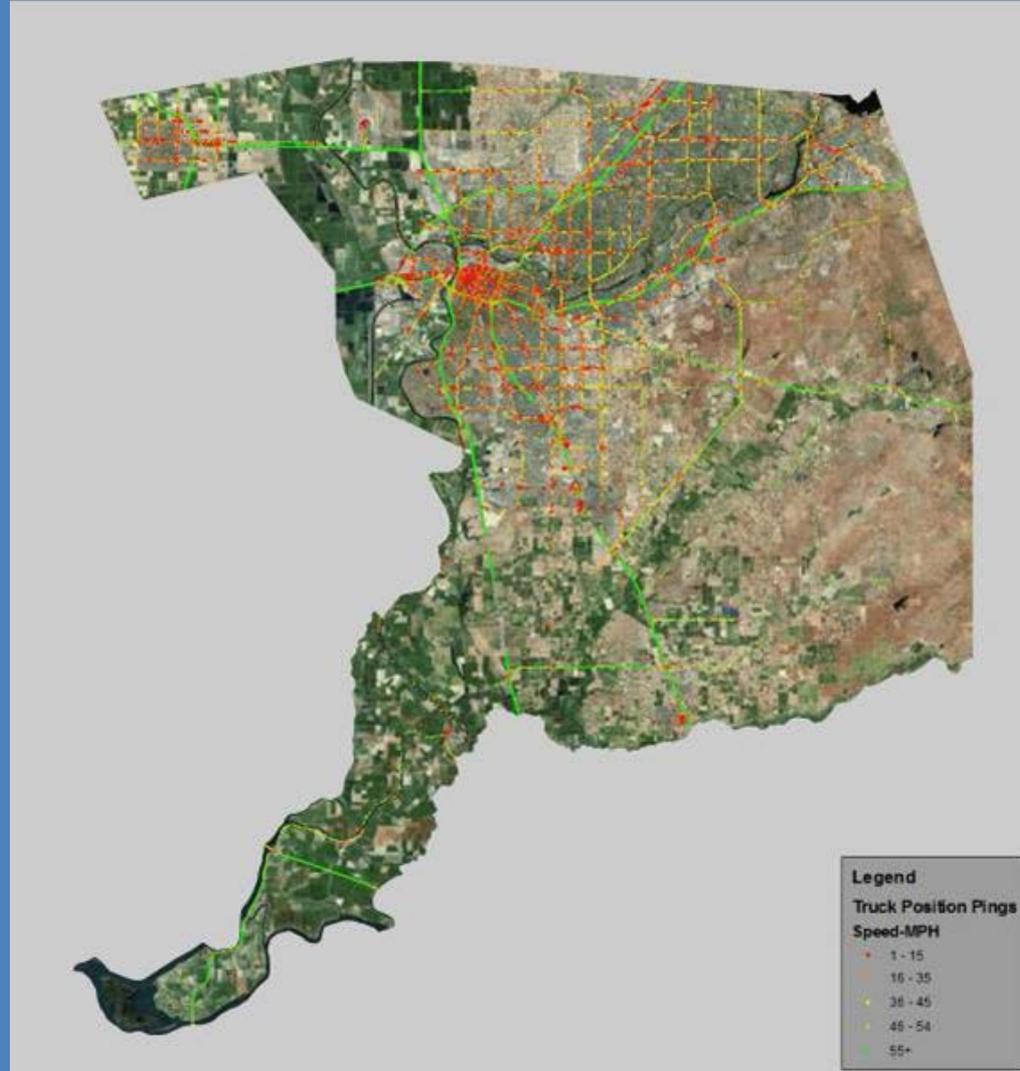


Exhibit 31: Central Sacramento Area STAA Vehicle Locations

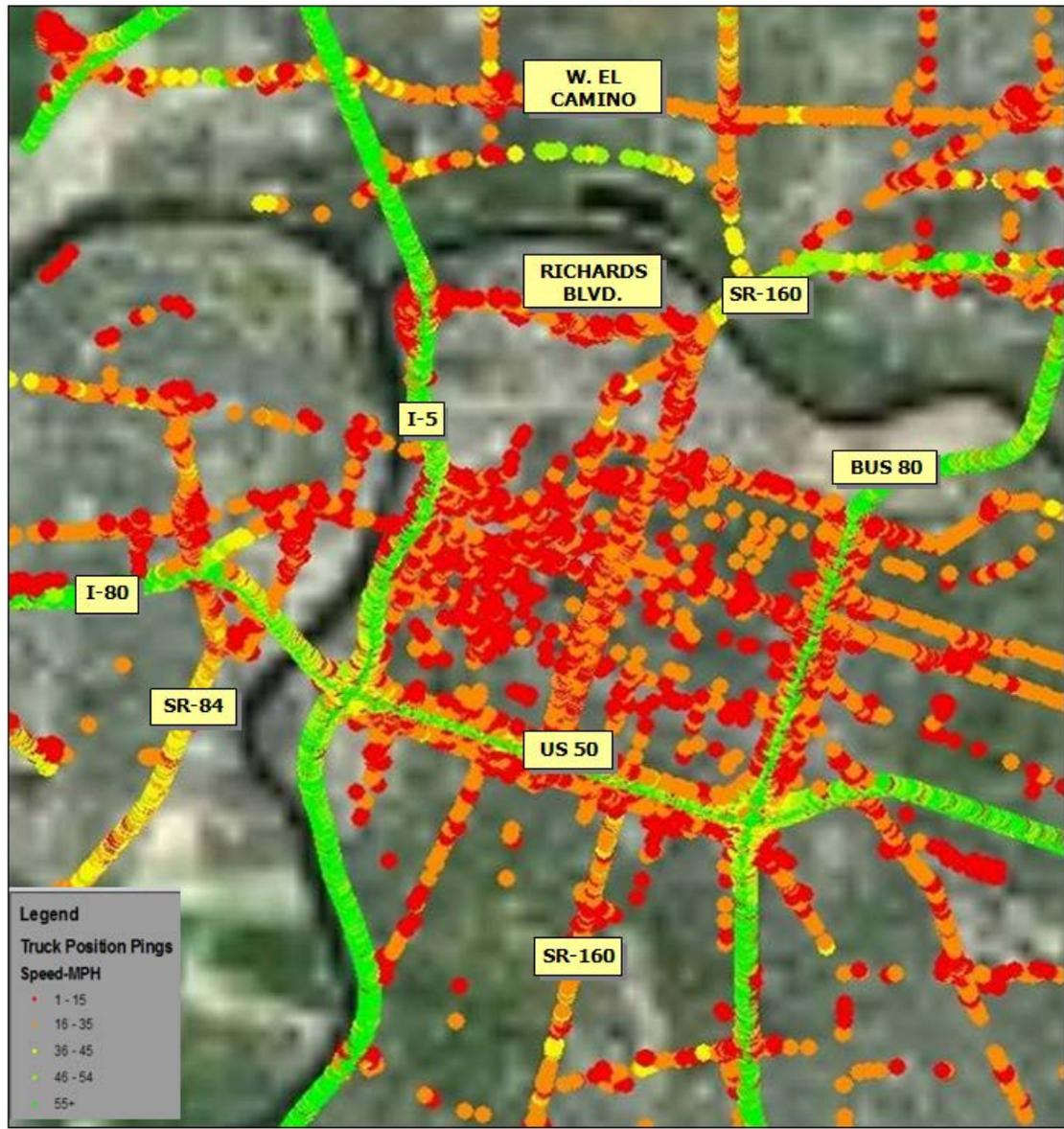


Exhibit 42: Twin Cities Road Project Area Truck Activity



Rural Transportation

Challenges

Urbanizing rural roads

Conflicts/accidents

Farm worker transport

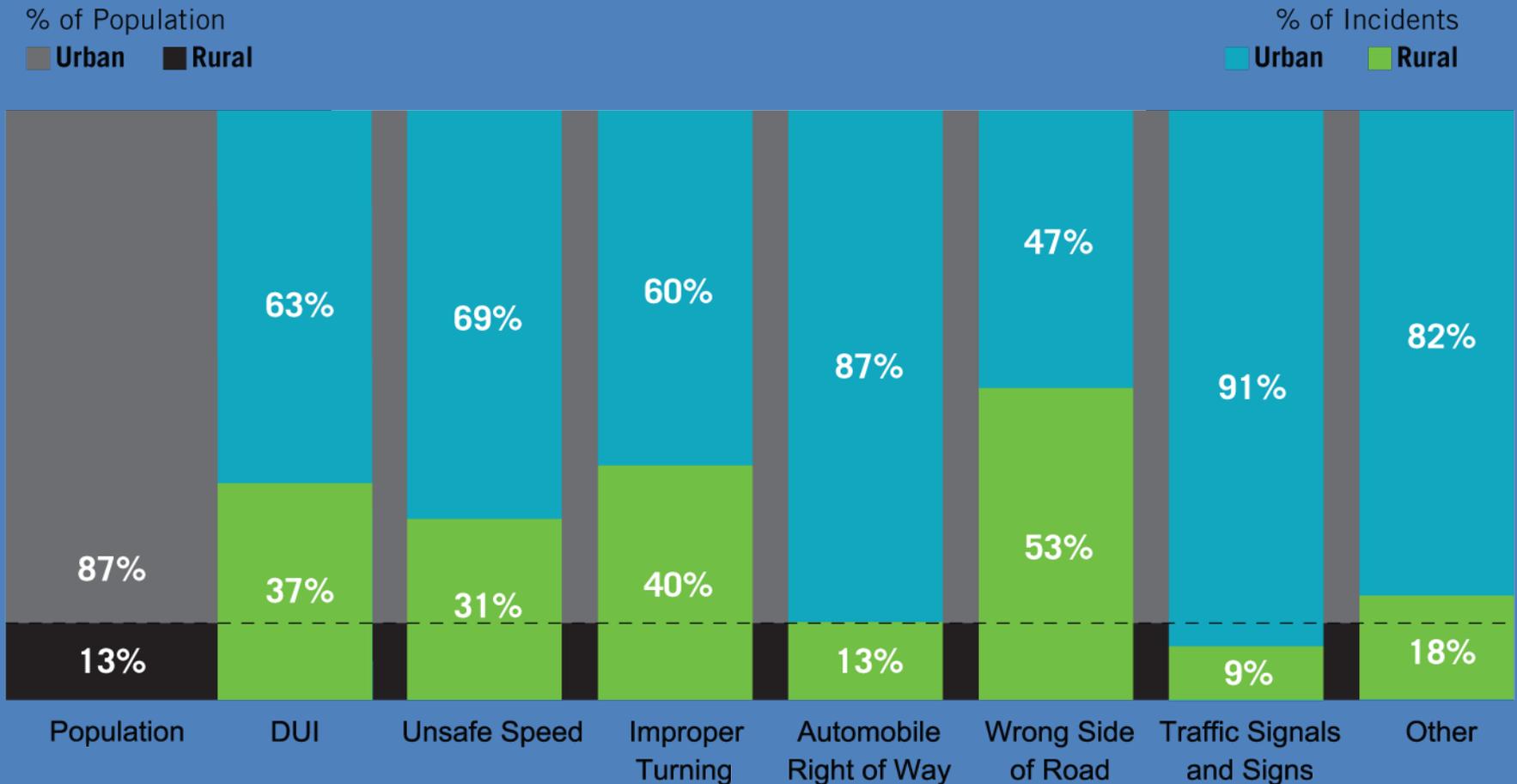
Road standards

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?

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