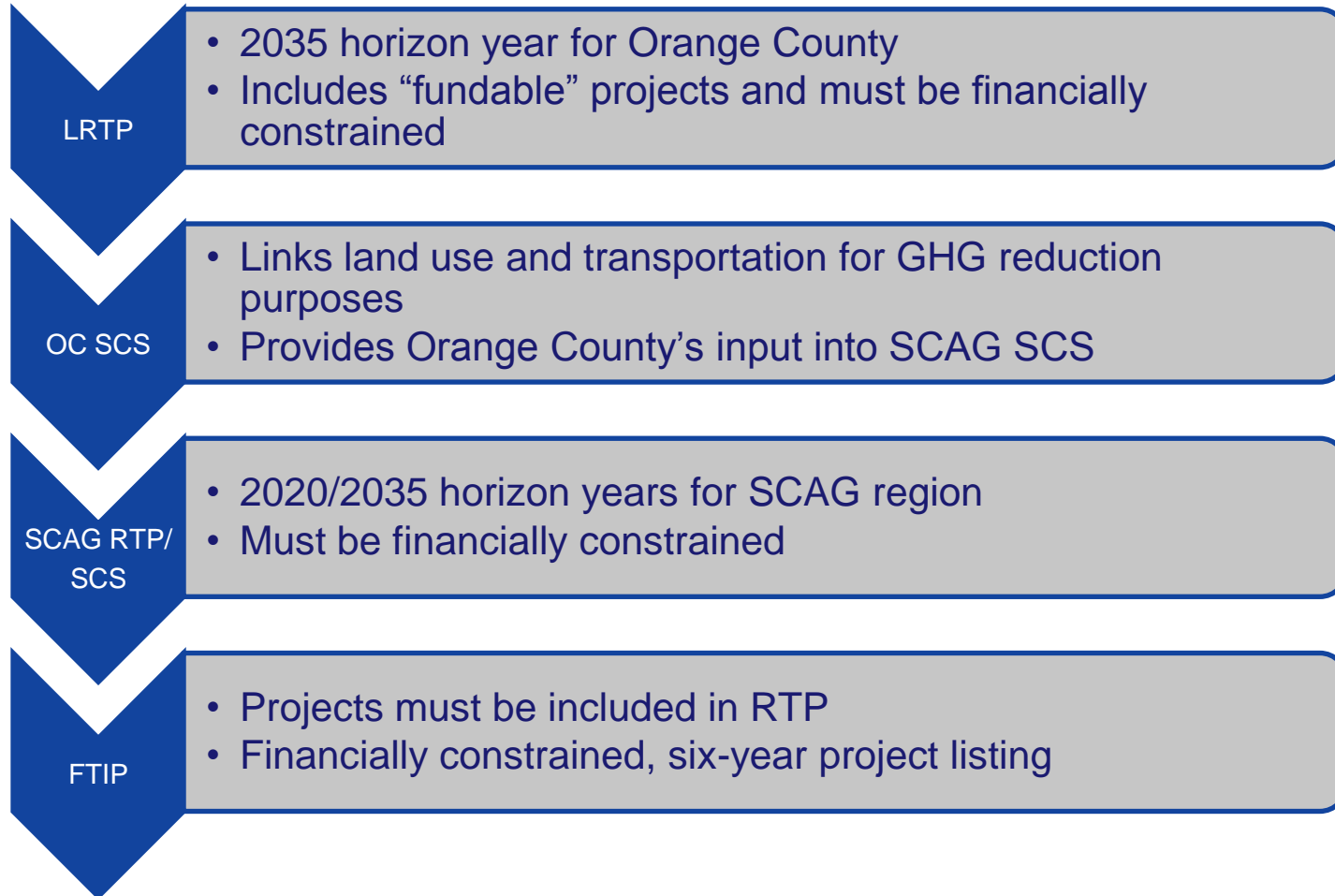




Draft Long-Range Transportation Plan Destination 2035



Background



L RTP = Long-Range Transportation Plan, RTP = Regional Transportation Plan, FTIP = Federal Transportation Improvement Program, GHG – Greenhouse Gases SCS = Sustainable Communities Strategy

Goals

Expand Choices

By:

- Improving connectivity
- Improving travel mode accessibility
- Expanding multimodal integration

Improve Performance

By:

- Increasing person throughput
- Reducing travel time
- Raising level of service

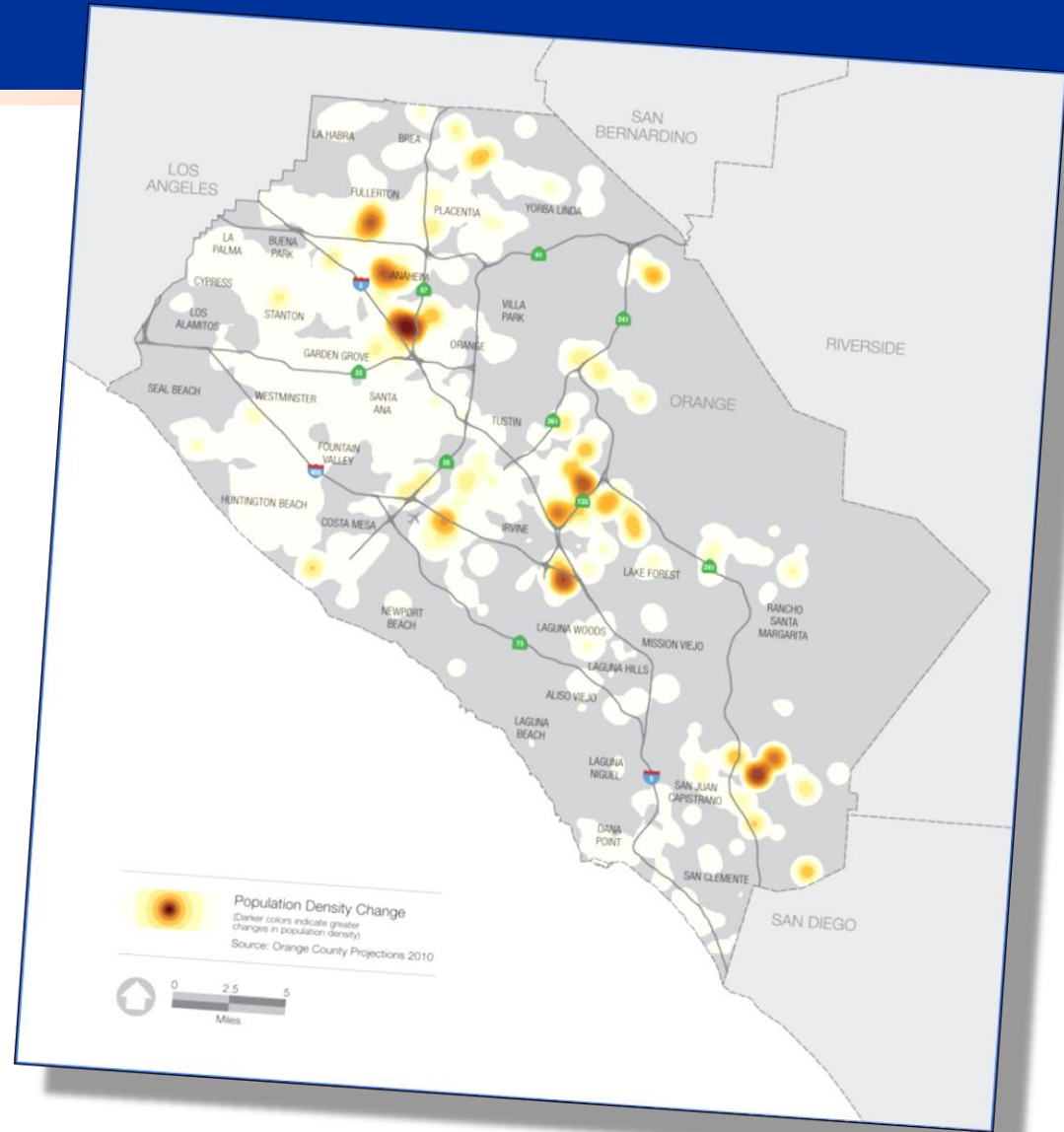
Work Toward Sustainability

By:

- Promoting alternative modes
- Reducing air pollution
- Preventing and treating run-off
- Supporting timely maintenance

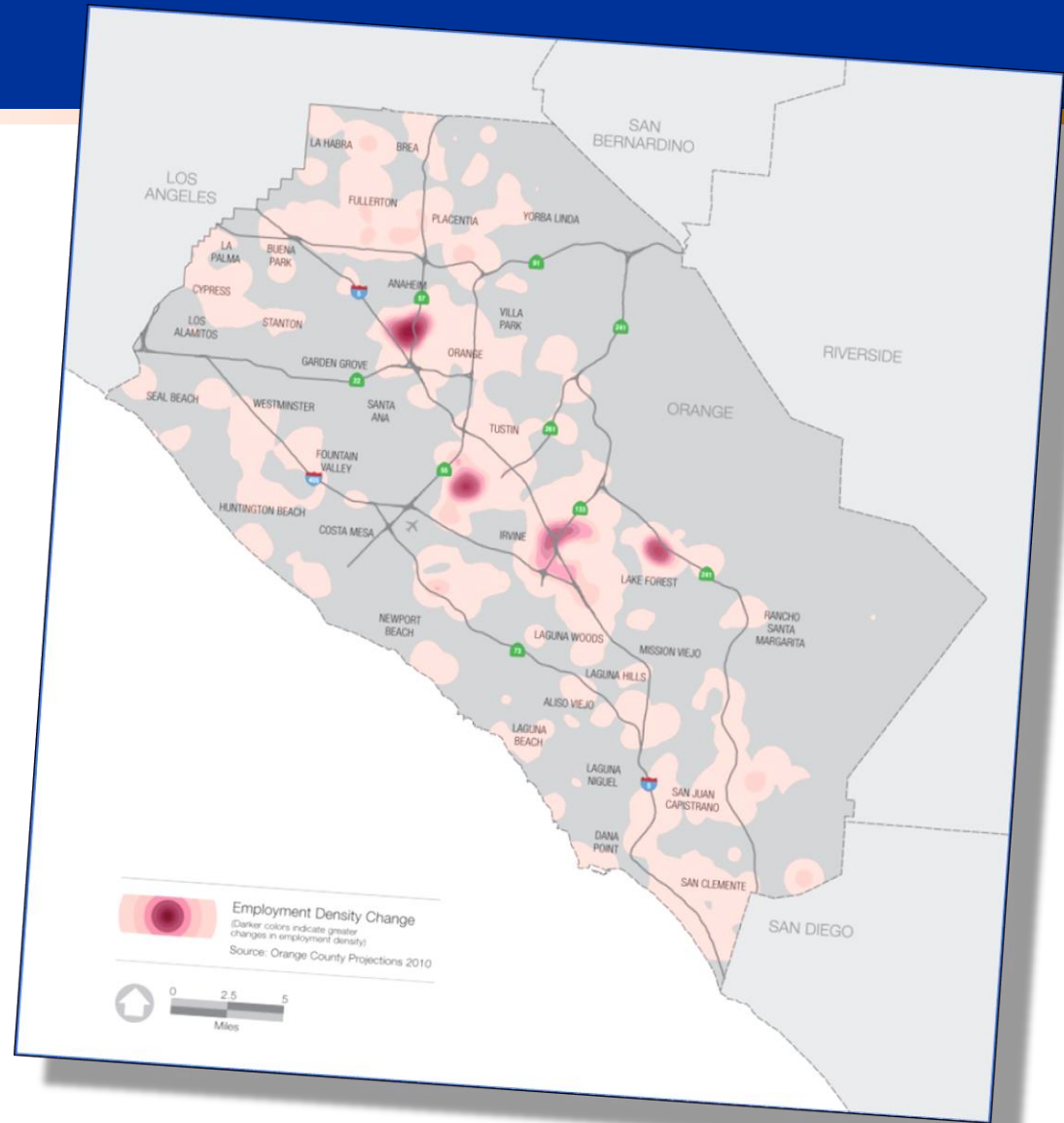
Challenges

Population will grow by 453,000 persons (14.5 percent) by 2035, the equivalent of 6 cities the size of Tustin.



Challenges

Employment will grow by 172,000 jobs (10.6 percent) by 2035, the equivalent of adding about 680 major businesses to the Orange County economy.

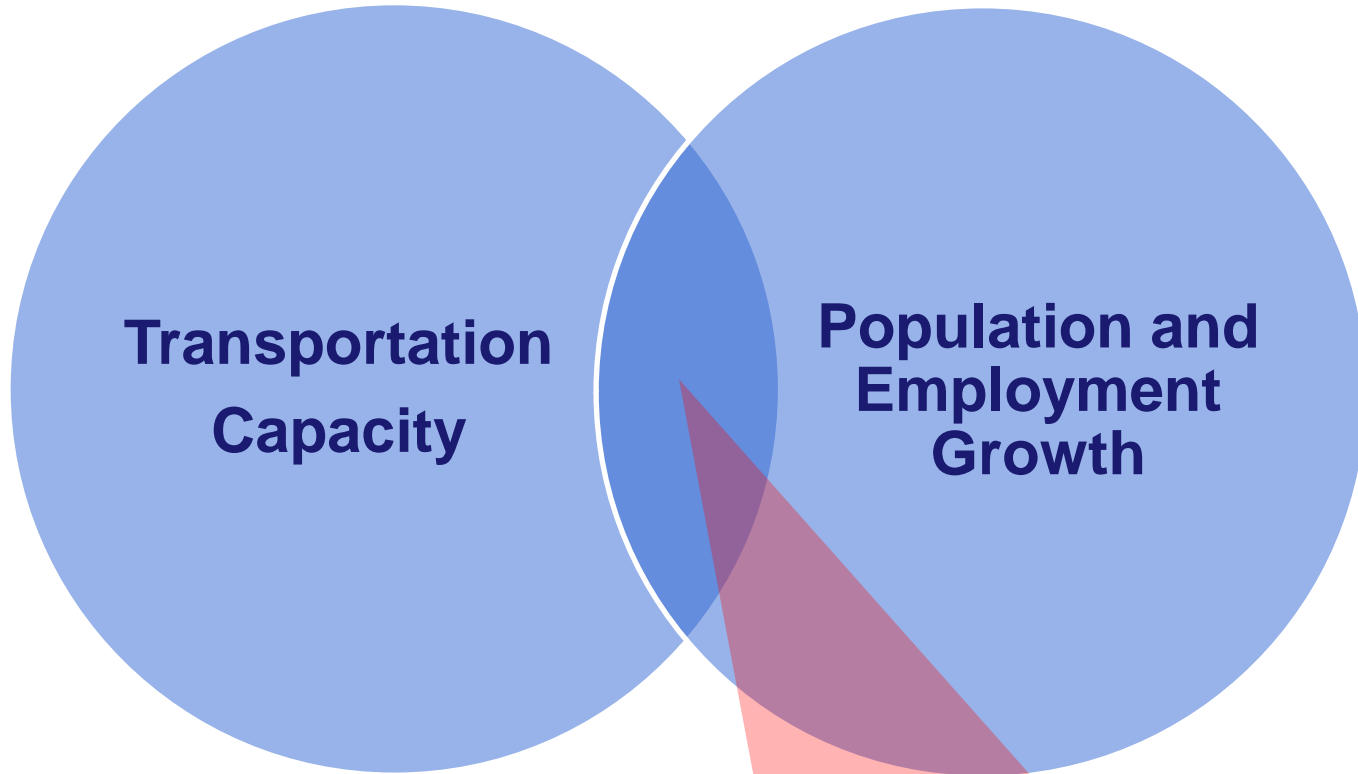


Challenges

2035: Peak period freeway speeds will fall by approximately 40 percent without capacity improvements.



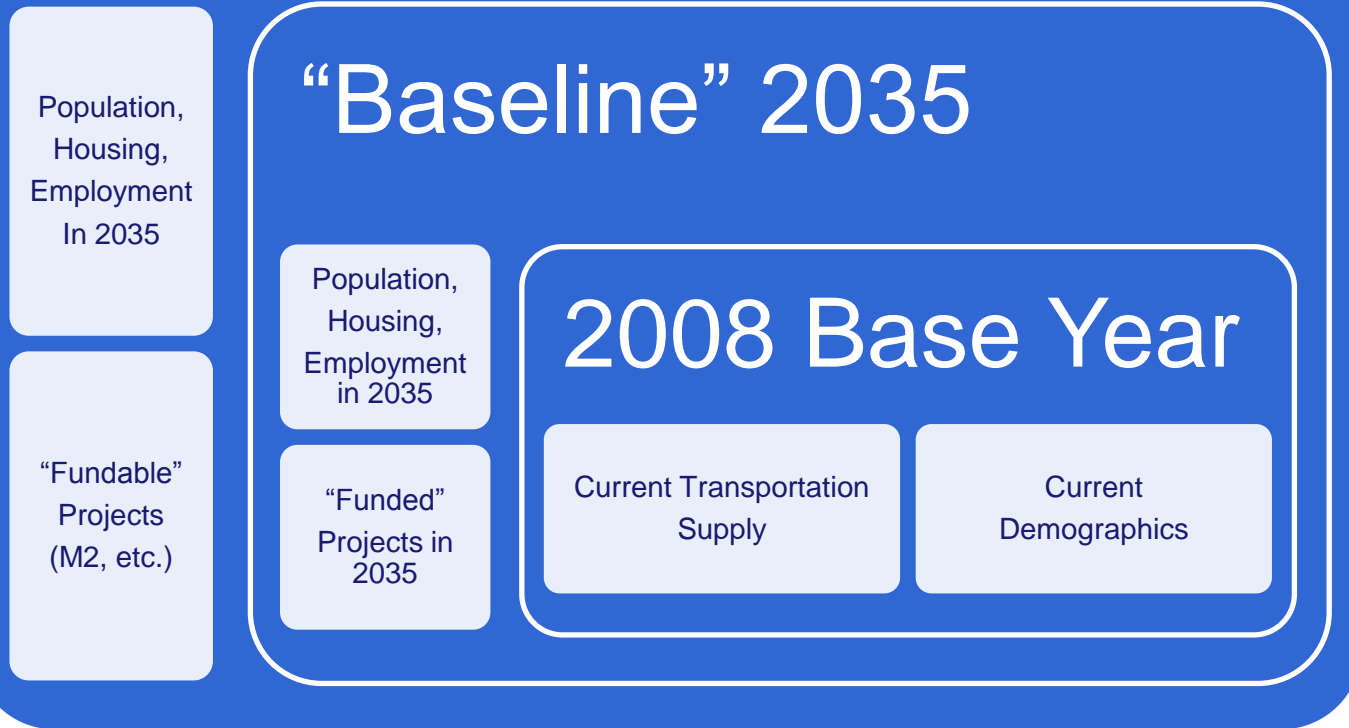
Challenges



**1.5 million daily hours lost to congestion in 2035.
Productivity loss = 187,500 jobs (equivalent)**

Plan Scenarios

Preferred 2035 Plan



Solutions: Major Plan Elements

- Increase Metrolink service up to 76 trains/day
- Add approximately 400,000 revenue vehicle hours of bus service including “Go Local” rubber-tired concepts
- Support connections to the California high-speed rail system
- Construct two fixed guideways
- Implement express bus routes for longer-distance travel
- Expand vanpools by over 100 percent or 300 vanpools
- Expand bikeways network by 75 percent or 750 miles

Solutions: Elements, cont.

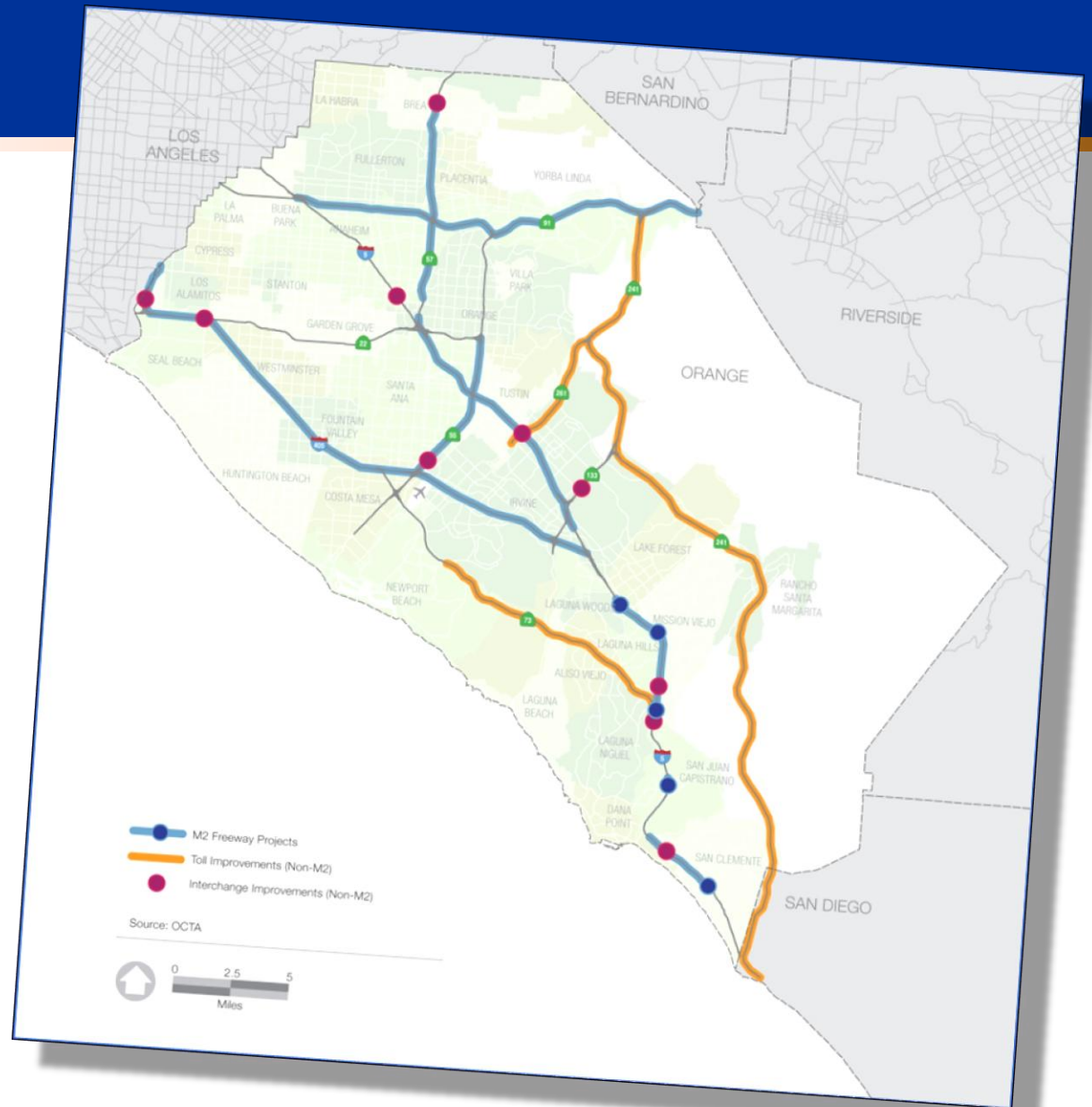
- Test bike sharing programs at key Metrolink stations
- Add 414 lane miles to freeway and HOV network including new toll pricing projects (including TCA)
- Implement continuous access on HOV facilities¹
- Complete 800 additional lane miles of Master Plan of Arterial Highways
- Construct key road/rail grade separations
- Expand signal synchronization on 750-mile network
- Implement M2 environmental strategies



¹ Continuous HOV access on all HOV lanes except where barrier separation is required for safety purposes.

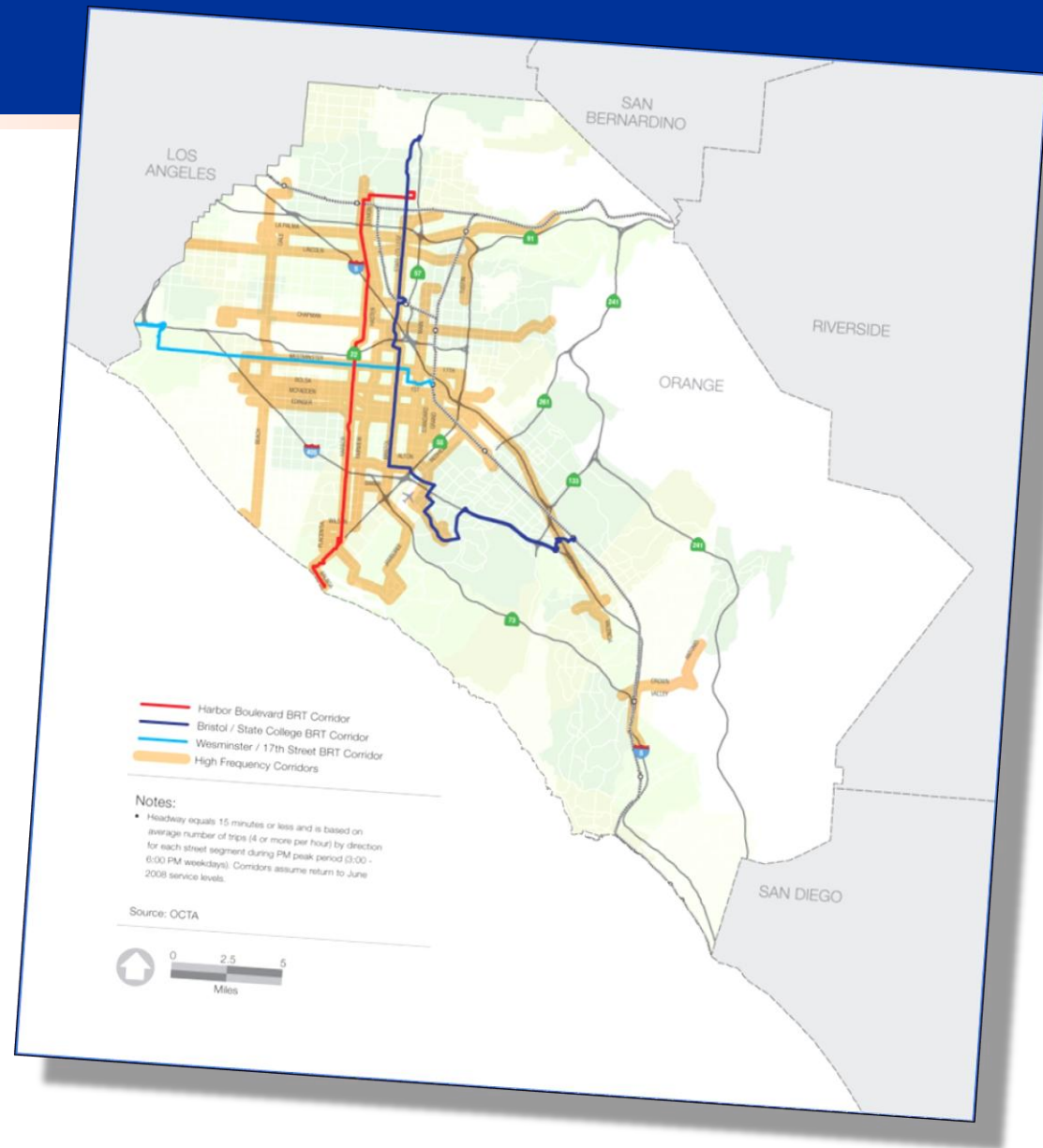
Freeways

M2 freeway expansion/management will address future congestion on Orange County freeways.



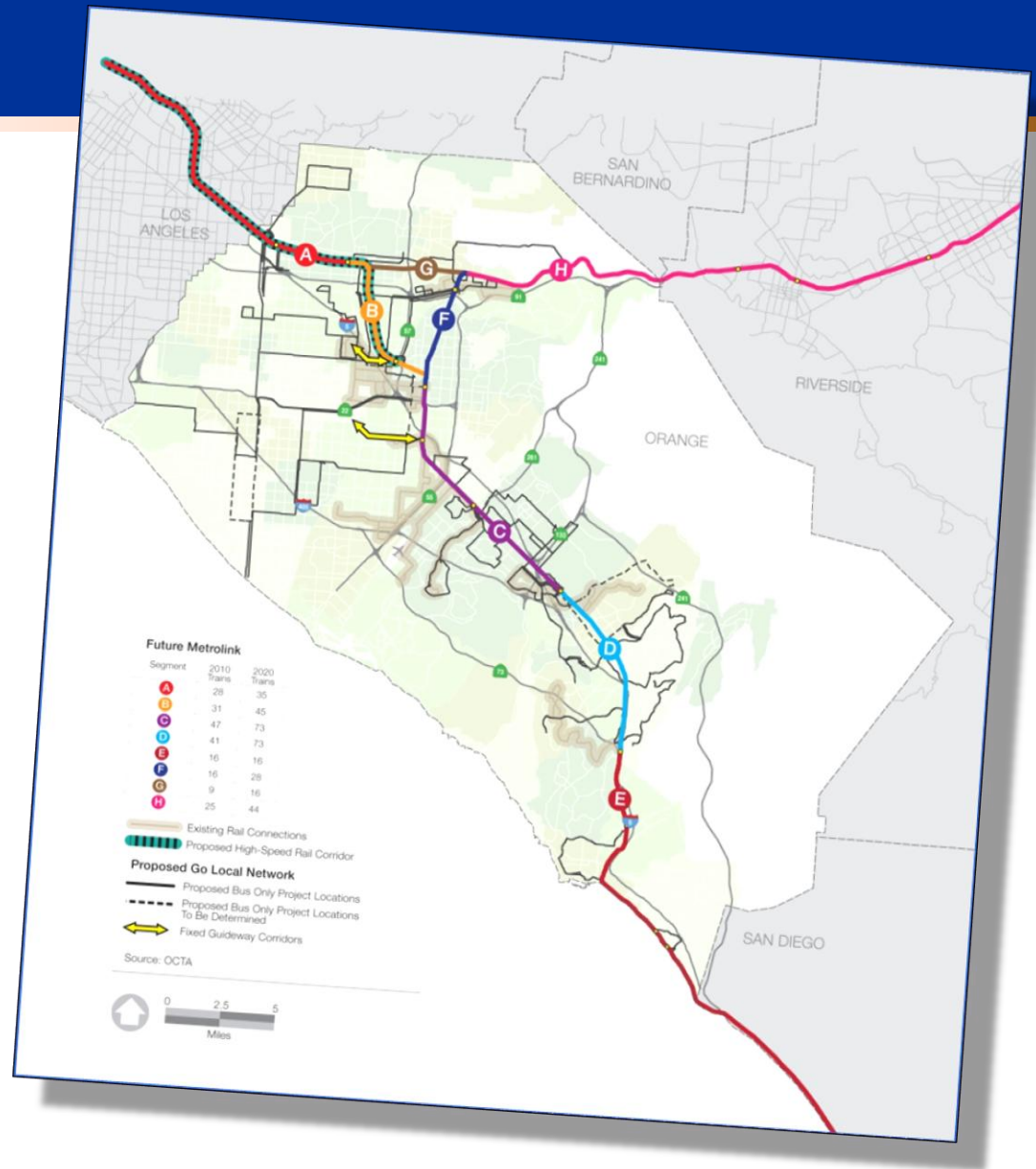
Bus

Frequent and faster bus services will improve transit effectiveness.



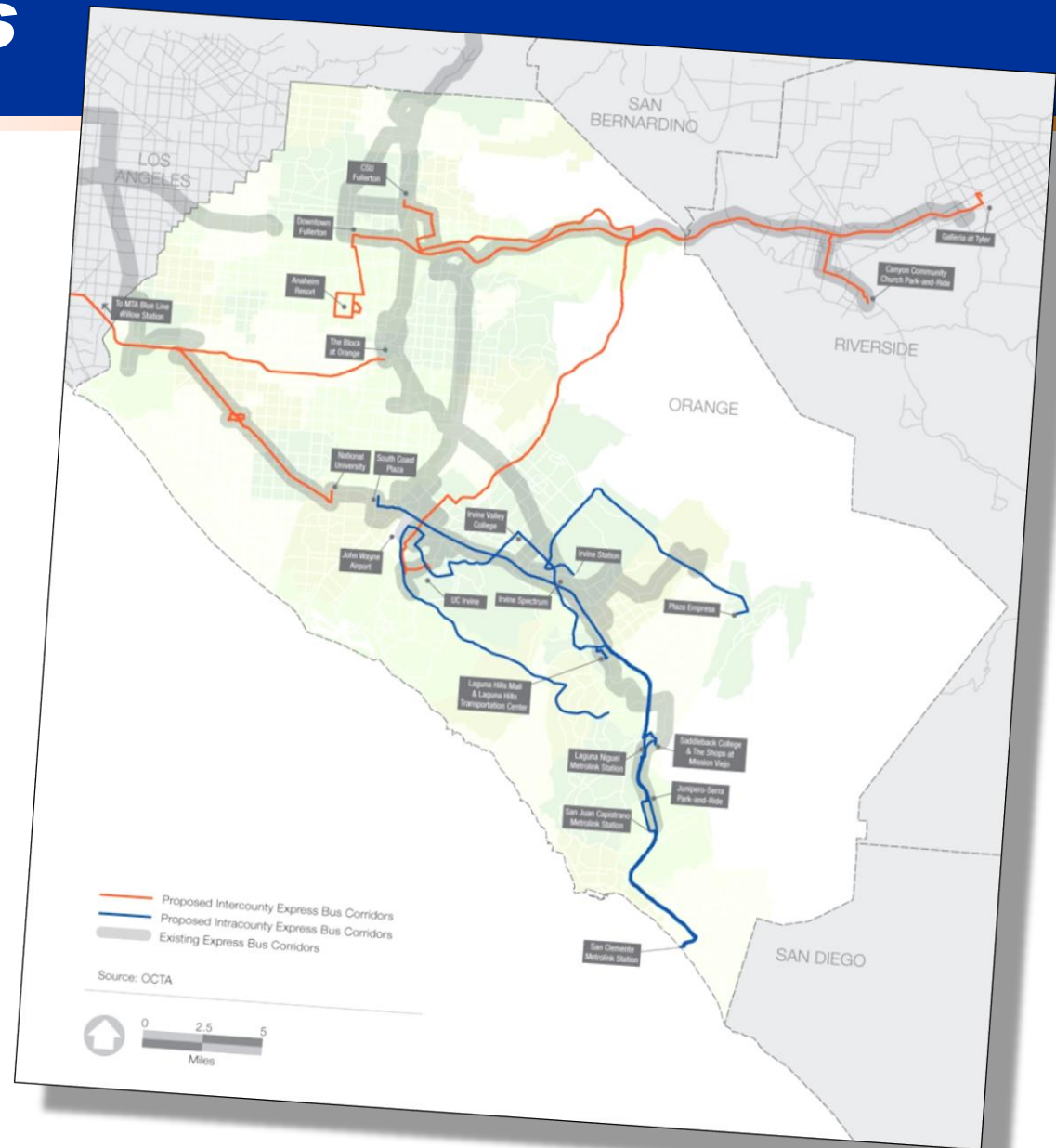
Rail-Bus

Guideway and rubber-tired expansion projects will increase Metrolink accessibility.



Express Bus

Express bus service a key component for expanding transportation choices for longer distance commuters.



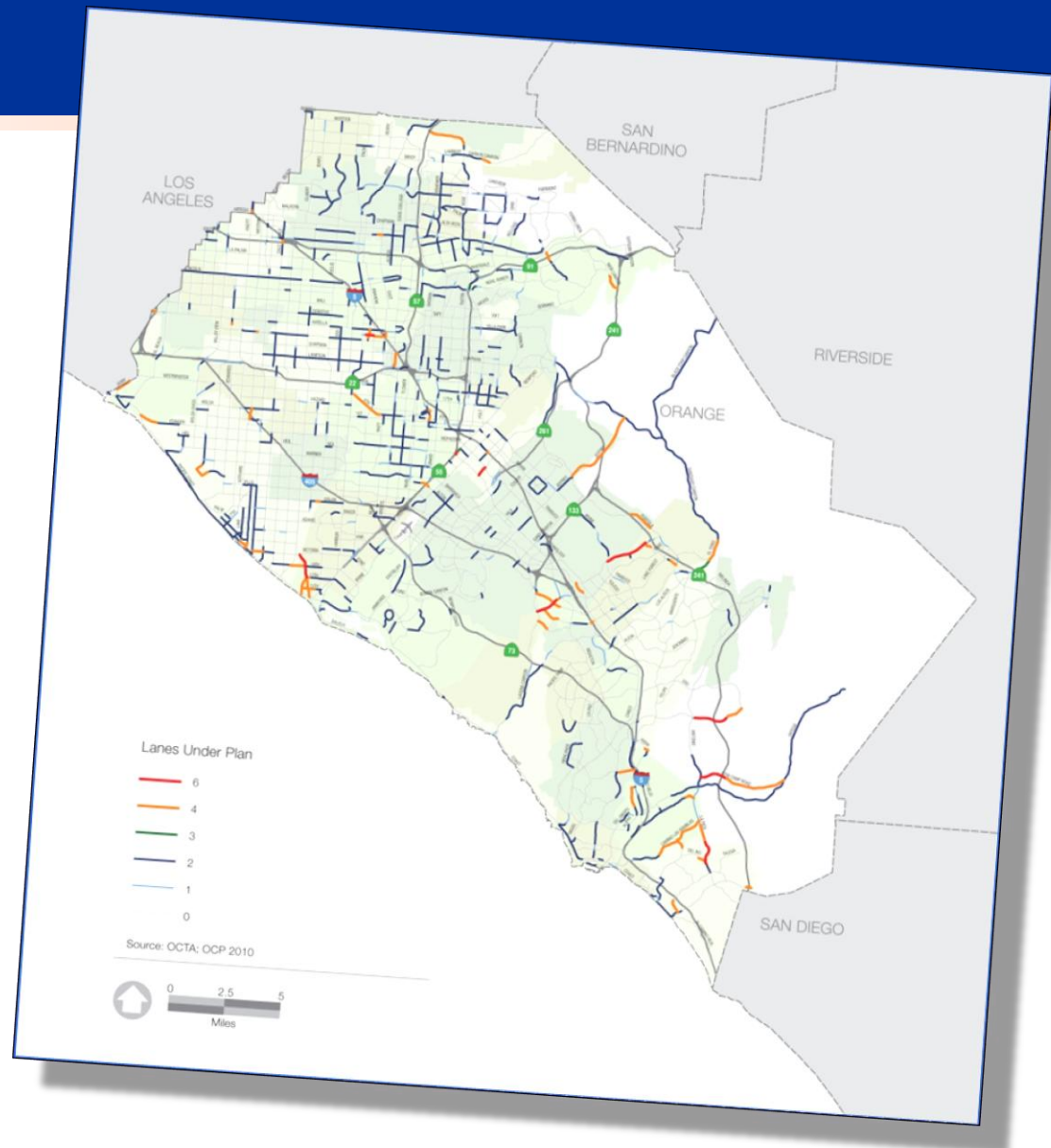
HOV

HOV continuous access improvements will improve safety and operations.



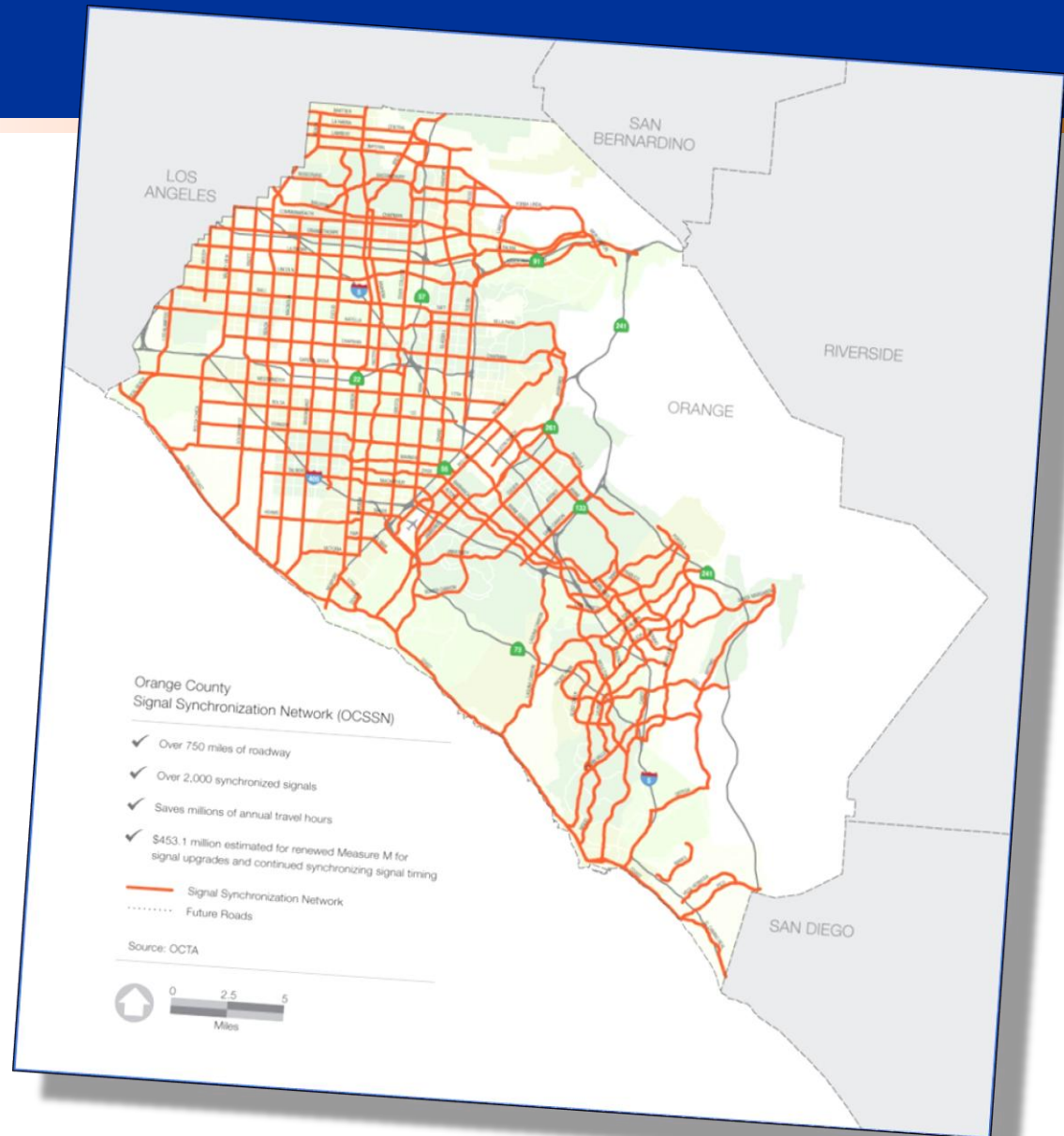
Streets

Future street projects critical to keep local traffic moving.



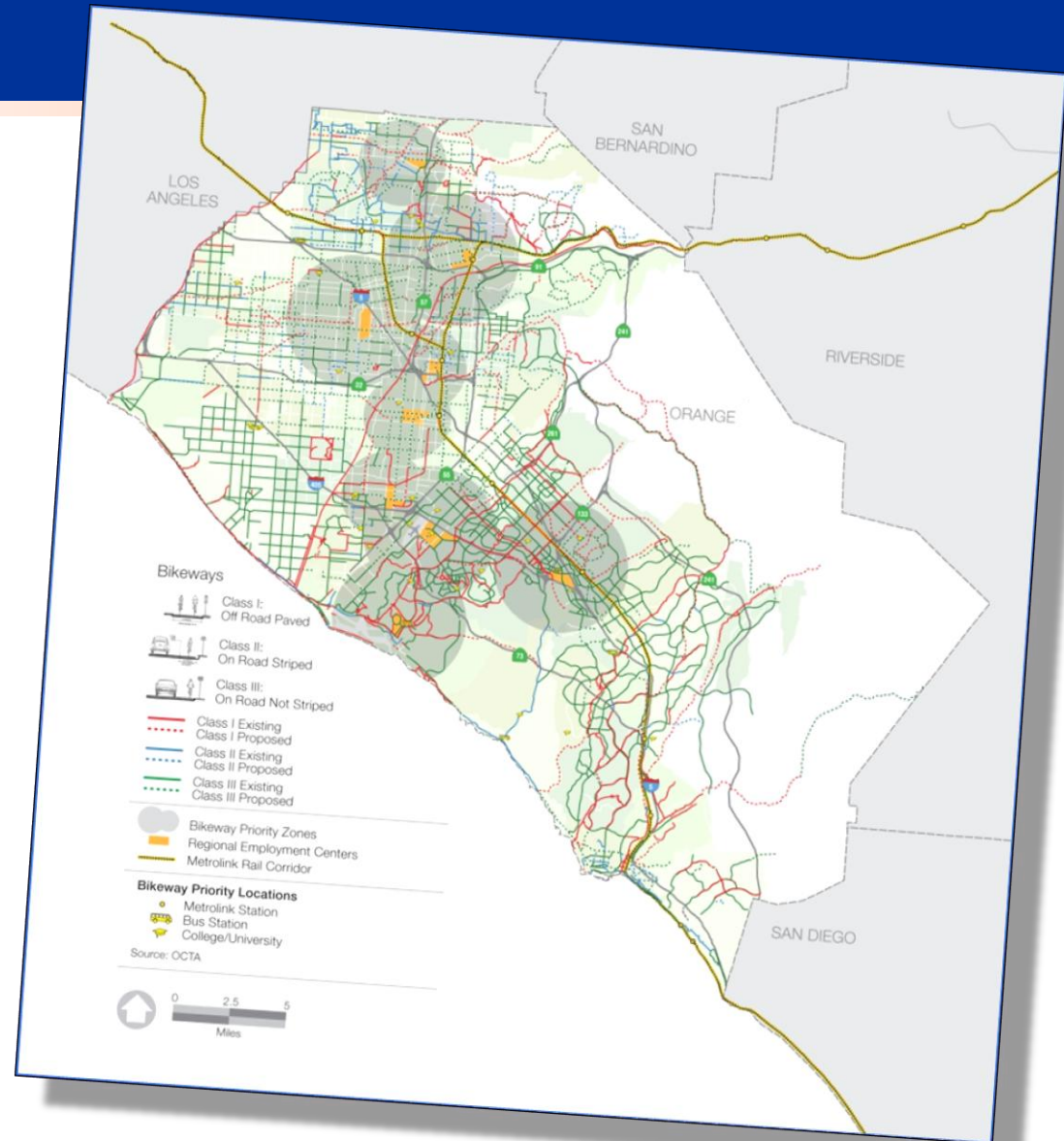
Signals

Signal synchronization will maximize the use of available capacity.



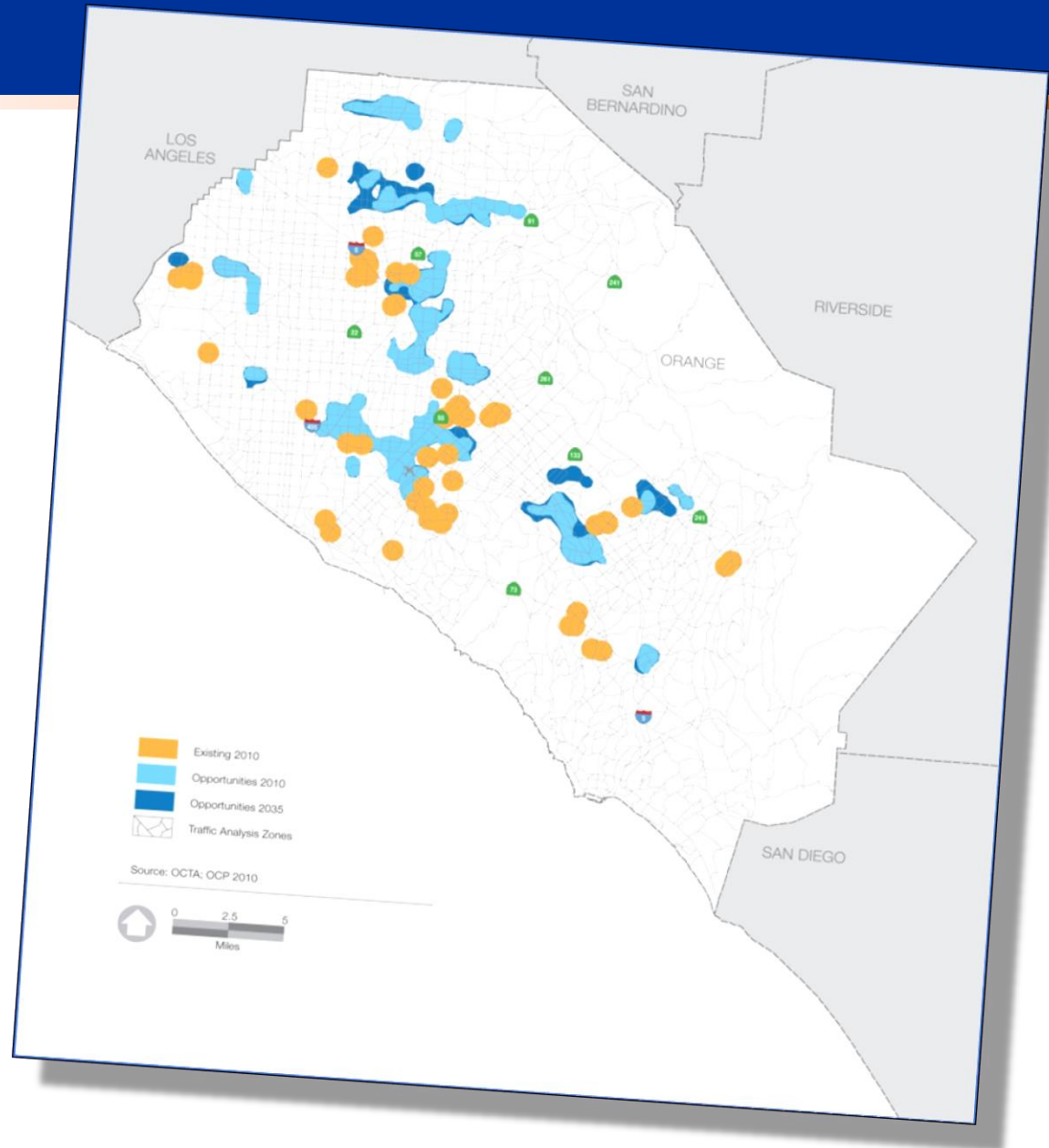
Bikeways

Bikeways expansion will offer new commuting opportunities. “Bike stations” will increase accessibility to bikes and offer increased flexibility.

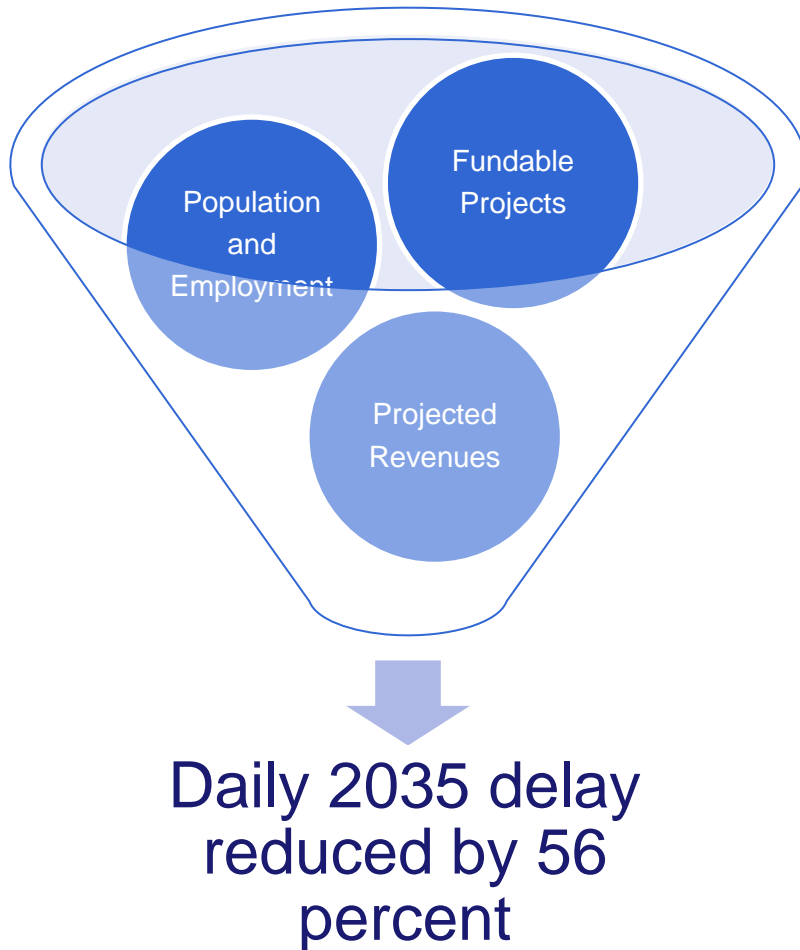


Vanpools

Vanpool program expansion possible with marketing and promotion to new areas and businesses.



L RTP Draft Results



⇒ Delay savings = 84,000 job equivalents

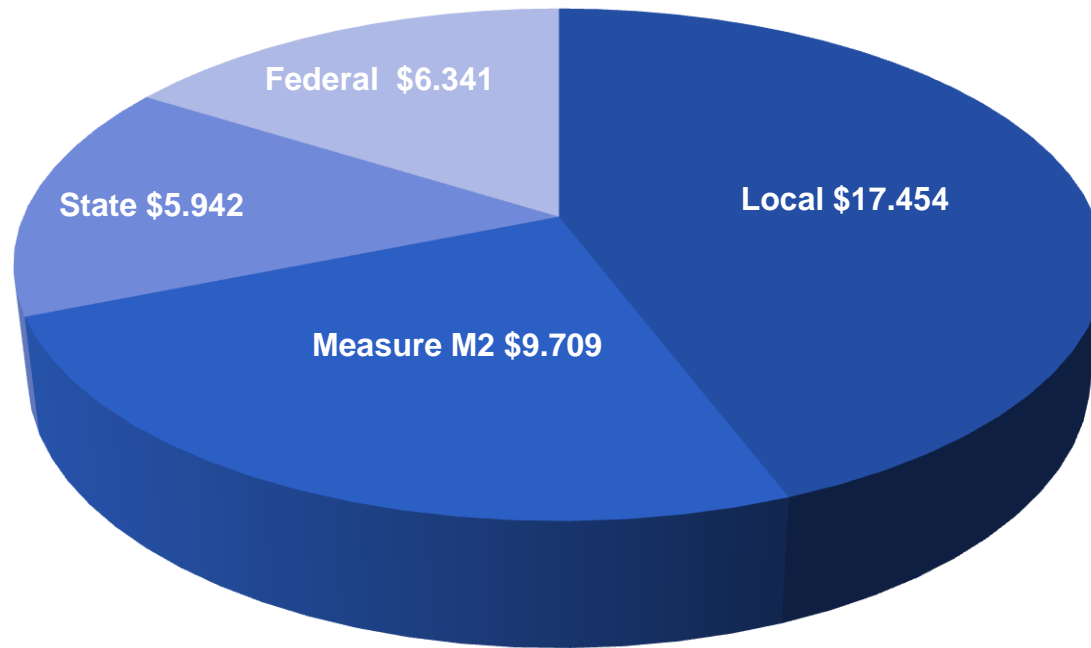
⇒ Transit ridership increases by 10 percent

⇒ Future average speeds return to 89% of 2008 levels

Note: Including CAHSR ridership would increase transit ridership by 20 percent.

Financial Forecast

LRTP Revenue by Source in \$Billions
Total = \$39.4 billion
(To 2035)



Summary/Next Steps

- Preferred plan relies on funding assumptions for the proposed projects and programs
- GHG analysis recommended for Sustainable Communities Strategy
- Start public review
(November – December 2010)
- Prepare final Draft LRTP (January 2011)
- Distribute Final LRTP following Board of Directors adoption (February 2011)