



2014 Long-Range Transportation Plan Update

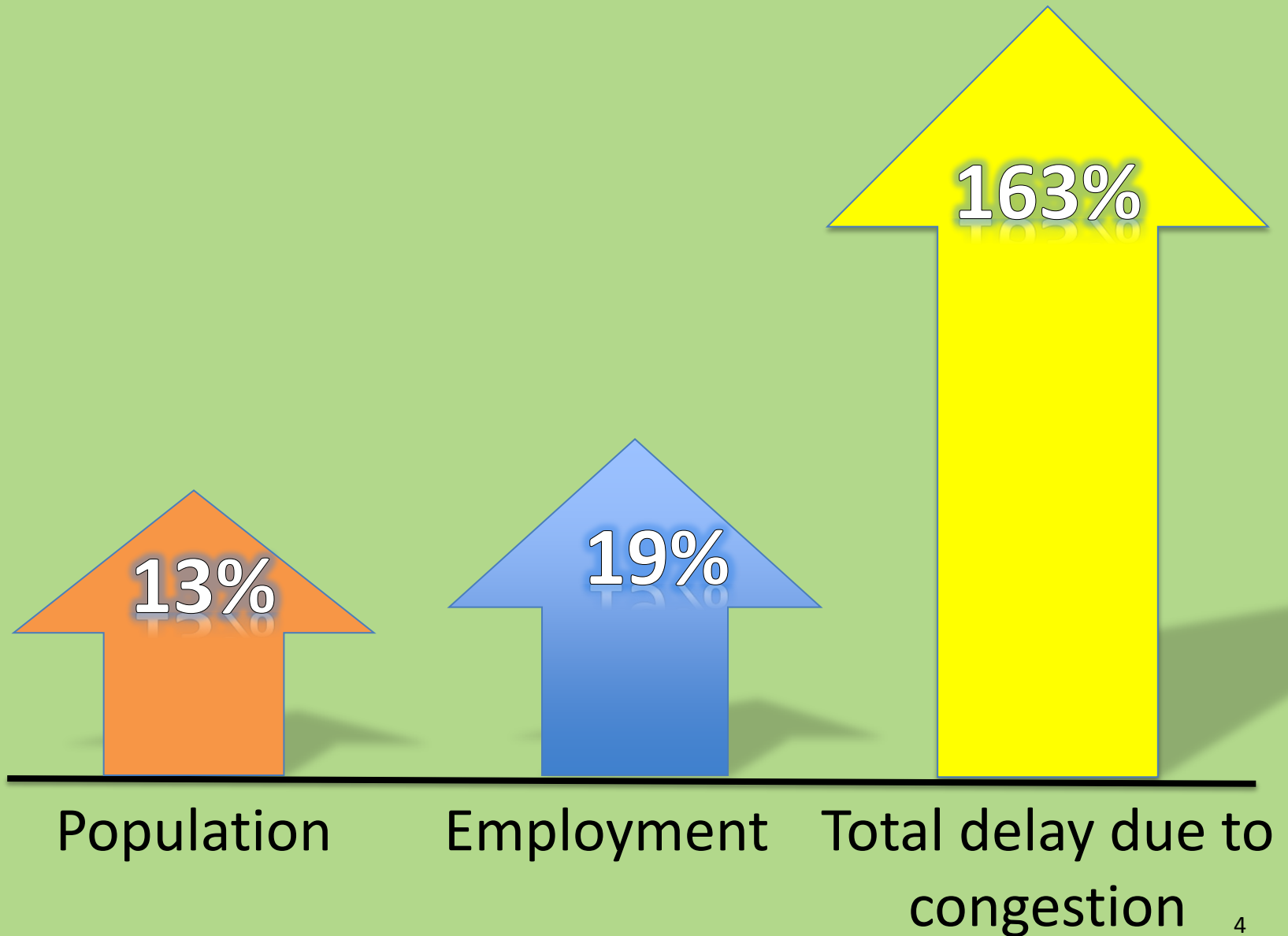
2014 LRTP

- Transportation vision document
- Updated every four years
- Input for the Regional Transportation Plan
- Must consider:
 - Stakeholder input
 - Socioeconomic forecasts
 - Revenue forecasts
 - Current commitments
 - State and federal mandates
 - Regional plans and Sustainable Communities Strategy
 - Emerging issues/technologies

Outreach Overview

- 31 presentations to Orange County Stakeholders:
 - Elected officials
 - City managers
 - Planning/transportation professionals
 - Business leaders
 - High school and college students
 - Various advocacy groups
- 14 stakeholder events planned for 2014

Projections through 2035



Outreach Results

- Trending Stakeholder Themes:
 1. **Optimize** transportation systems (signal synchronization, rapid bus, and managed lanes)
 2. **Maintain** streets and highways
 3. **Educate** the public about transportation alternatives, bicycle safety, and managed lane strategies
 4. **Innovate** new transit strategies, especially rail, and provide real-time information
 5. **Collaborate** on regional solutions, and work with local jurisdictions to link land use and transportation plans
 6. **Explore** incentives for carpools on toll roads; expansion of bus service and the vanpool program; dedicated lanes for transit on streets and freeways; and, potential for managed lanes

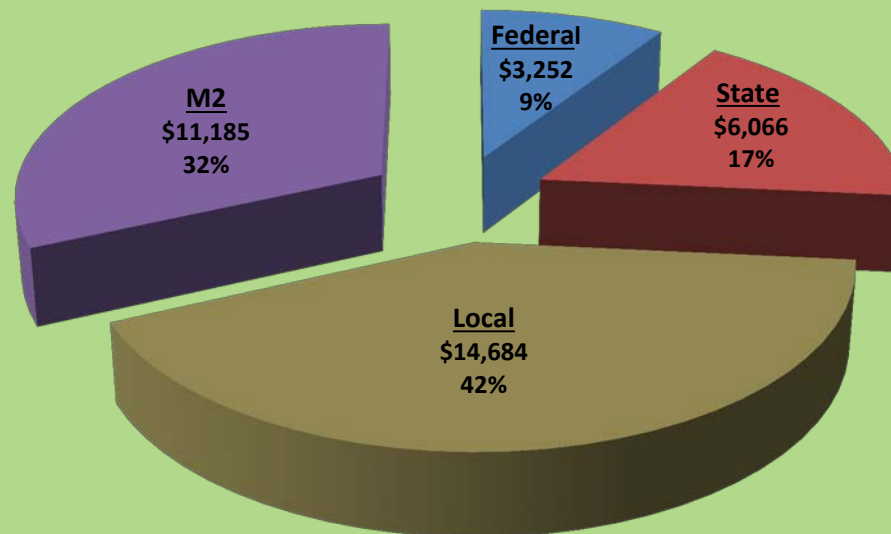
2035 Scenarios

- **Baseline**
 - Existing transportation system
 - Fully funded Federal Transportation Improvement Plan projects
- **Preferred**
 - Baseline projects
 - Measure M2 (M2)
 - Financially constrained discretionary projects
- **Conceptual**
 - Baseline and preferred projects
 - Financially unconstrained projects
 - Benefit the goals and objectives
 - Require additional revenues and/or study

Preferred Scenario

- Project Selection Factors:
 - Stakeholder Input
 - Project Readiness
 - Goals and Objectives
 - Revenue Forecast

Draft 2014 LRTP – Fiscal Year 2015-35 Revenue Forecast (Millions)
Total Projected Revenues = \$35.19 Billion



Discretionary revenues estimate = \$8 Billion

- 1/3 controlled by the Orange County Transportation Authority

Draft Preferred Scenario

- Committed improvements:
 - 2035 Baseline Projects
 - M2 Programs:
 - Freeways
 - Metrolink expansion/gateways
 - Go Local/guideways
 - Regional capacity/traffic signal synchronization
 - Open space and water quality

Draft Preferred Scenario

- Discretionary projects:
 - New rapid and express bus services
 - Enhanced bus service in high-demand areas
 - Metrolink expansion
 - Implementation of planned bikeways
 - Expansion of the vanpool program
 - Interstate 5 (I-5) HOV lanes (Pico Avenue to San Diego County)
 - State Route 73 (SR-73) HOV lanes (MacArthur Boulevard to Interstate 405 {I-405})
 - I-5 general purpose lanes (State Route 57 to State Route 91)
 - New interchanges
 - Arterial pavement rehabilitation (local jurisdictions)
- Also assumes FHWA imposes a three-plus HOV policy by 2035

Draft Preferred Scenario

Draft 2035 Preferred Scenario - Initial Model Results

	2010 Base Year	2035 Baseline	Draft 2035 Preferred	Percent Change from 2035 Baseline
Daily Transit Trips	133,469	165,219	189,426	14.7% Increase
Daily Vehicle Trips	8,170,633	9,318,002	9,293,636	0.3% Decrease
Total Vehicle Hours of Delay	274,646	729,432	506,142	30.6% Decrease
Daily Vehicle Hours Traveled	1,617,452	2,485,786	2,261,412	9.0% Decrease
Daily Vehicle Miles Traveled	63,404,082	81,112,113	81,750,024	0.8% Increase
Average Speed – Freeway Peak	40.4	34.5	39.0	13.2% Increase
Average Speed – HOV Peak	48.4	57.4	59.5	3.6% Increase
Average Speed – Arterial Peak	30.3	22.7	27.2	20.0% Increase

HOV modeled at HOV three-plus in 2035.

Source: Orange County Transportation Analysis Model 3.4.1



Draft Preferred Scenario

- Proposed additions over 2010 Base Year:
 - New bus and streetcar service on key, high-demand corridors
 - Enhancements to bus routes to maintain on-time performance
 - 20 new weekday Metrolink trains
 - 650 miles of bikeways
 - 820 lane miles on the Master Plan of Arterial Highways network
 - 200 freeway lane miles
 - 192 tollway lane miles
 - 450 vanpools and station vans

Issues for Board of Directors Discussion

- Intercounty connections
 - San Diego's I-5 HOT Lane Project
 - LOSSAN/Green line connection
 - I-405 Corridor Master Plan
 - Gold line eastern extension – Phase 2
- Streetcar connectivity and expansion
- Express lane/toll roads opportunities
- HOV three-plus by 2035 (required by federal/state)
- Technology impacts
 - Autonomous vehicles
 - Alternative fuels
 - Smart phone applications

HOT – High-occupancy toll

LOSSAN – Los Angeles-San Diego-San Luis Obispo