



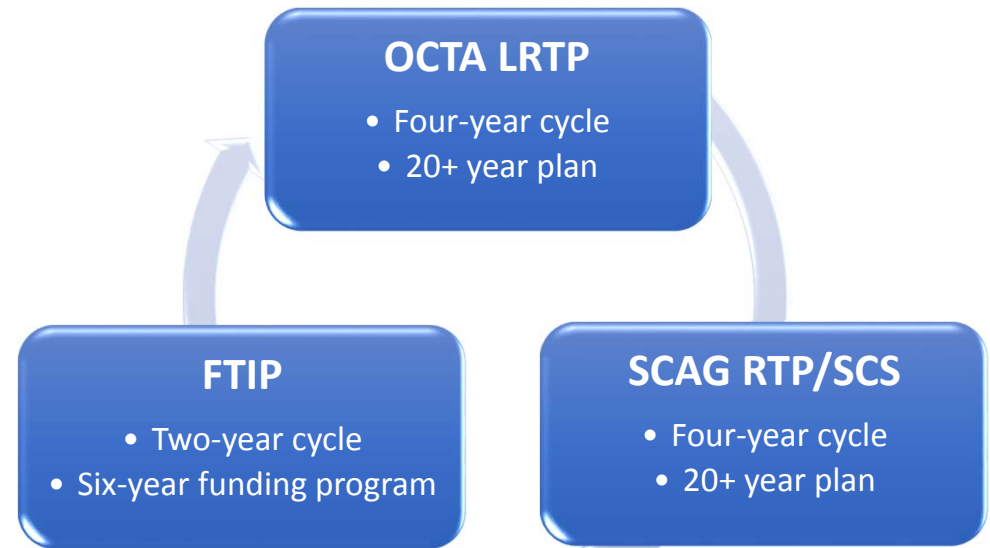
DESIGNING  
TOMORROW

2018 LONG RANGE TRANSPORTATION PLAN



# L RTP

- OCTA's L RTP serves to:
  - Evaluate current plans and policies
  - Identify new initiatives and priorities
  - Define projects in the RTP
- Must consider:
  - Stakeholder input (ongoing)
  - Revenue forecasts (summer 2017)
  - Current commitments
  - Population/employment forecasts
  - Key issues



L RTP – Long Range Transportation Plan  
OCTA – Orange County Transportation Authority  
RTP – Regional Transportation Plan  
FTIP – Federal Transportation Improvement Program  
SCAG – Southern California Association of Governments  
SCS – Sustainable Communities Strategy

# Key Issues for 2018 LRTP

- Growing traffic and limited land
- New vision for transit
- Disruptive technologies and services
- High cost of housing
- Transportation funding uncertainties
- Challenging emission standards



# Goals and Objectives

## Deliver on Commitments

- Prioritize Measure M investments
- Maintain consistency with the Next 10 Plan
- Maximize external funds to support Measure M and complementary investments

## Improve System Performance

- Deploy transit resources in a cost-effective manner
- Improve efficiency of highways and roadways
- Leverage emerging technologies

## Expand System Choices

- Deploy on-demand transit service and rideshare options
- Support improved connectivity for active transportation
- Explore public/private partnerships for new transportation capacity

## Support Sustainability

- Deliver a financially constrained LRTP and identify opportunities to reduce funding uncertainty
- Explore environmental and emission reduction strategies

# 2018 LRTP Scenarios Approach

## Orange County Transportation Analysis Model (OCTAM) 4.0

- OCTAM evaluates:
  1. How many trips are generated daily within Orange County
  2. The beginning and end of each trip
  3. How the trips are made (car, transit, walking, bicycling, etc.)
  4. The routes for each trip
- Calibrated to match 2012 travel data
- To forecast future conditions, changes are made to the 2012 model data:
  - Locally approved socioeconomic growth projections (population, housing, and employment)
  - Transportation network changes



# 2018 LRTP Scenarios Approach (cont.)

## Trend 2040

Locally approved socioeconomic growth  
Financially constrained transportation projects

## Innovation

Autonomous/Electric vehicles  
Enhanced ridesharing  
Enhanced telecommuting

## Policy

Shared mobility concept  
Statewide pricing concept  
State/Federal goals and incentives