

# **The Southern California Association of Governments (SCAG) Role in Airport System Planning**

10th National Airport System Planning Symposium

Naresh Amatya

Transportation Planning Manager

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# The Southern California Association of Governments



- Nation's Largest Metropolitan Planning Organization (MPO)
- 38,000 Square Miles
- Nation's Global Gateway for Trade
- Develops the Region's Long-Range Transportation Plan (RTP/SCS)

**191**  
Cities  
**6**  
Counties

**18.5**  
Million  
People

**16th**  
Largest  
Economy  
in the  
World



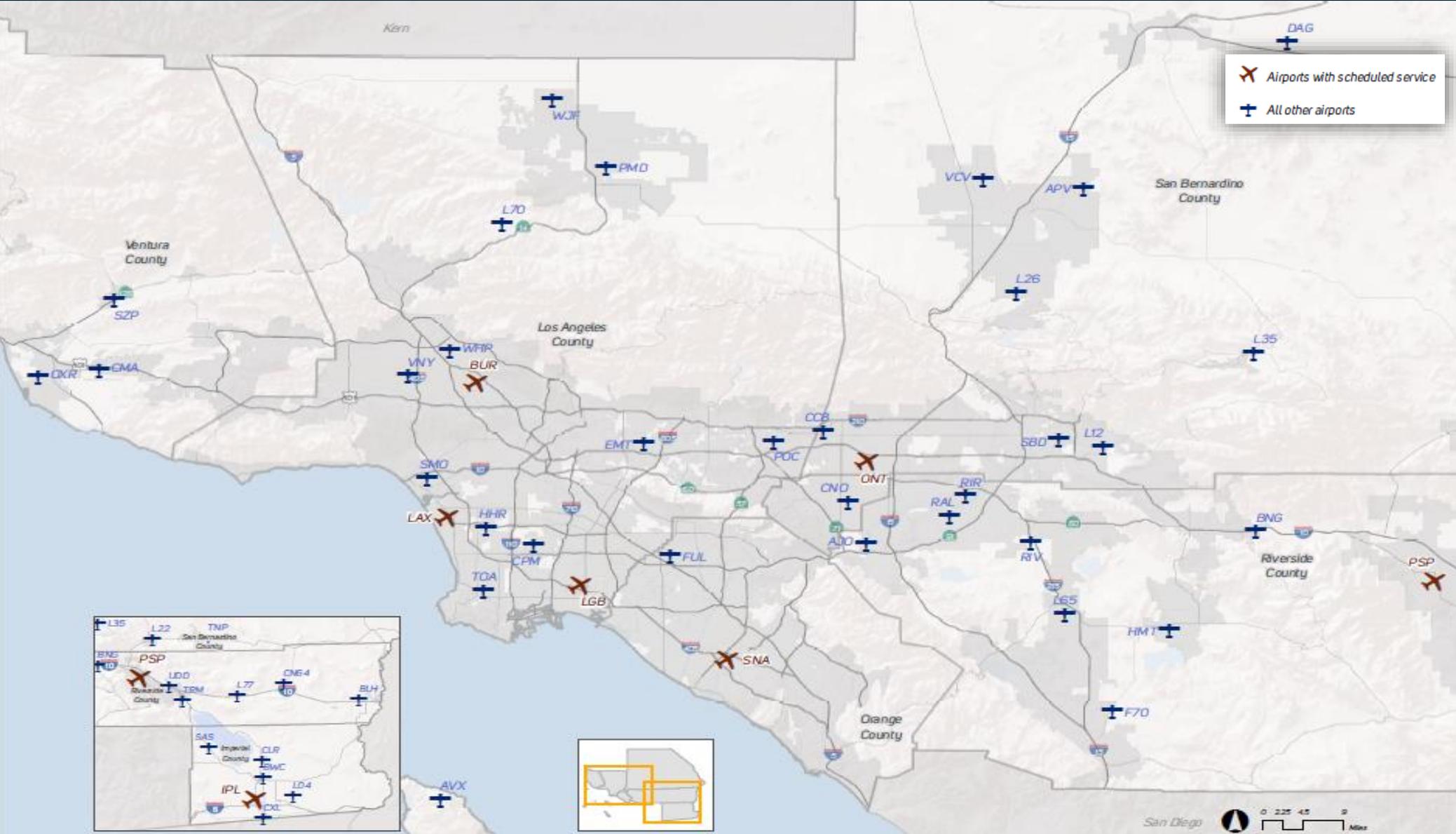
# SCAG's Role in Aviation System Planning



- Develop and update a Regional Transportation Plan/Sustainability Communities Strategy (RTP/SCS)
- Integrate Airport Ground Access Improvement needs into the RTP/SCS
- Develop/update Regional Aviation Demand Forecast to inform Airport Ground Transportation Improvement needs
- Work with the airport authorities and transportation agencies to implement airport access improvements
- Provide a forum for coordinating regional airport issues

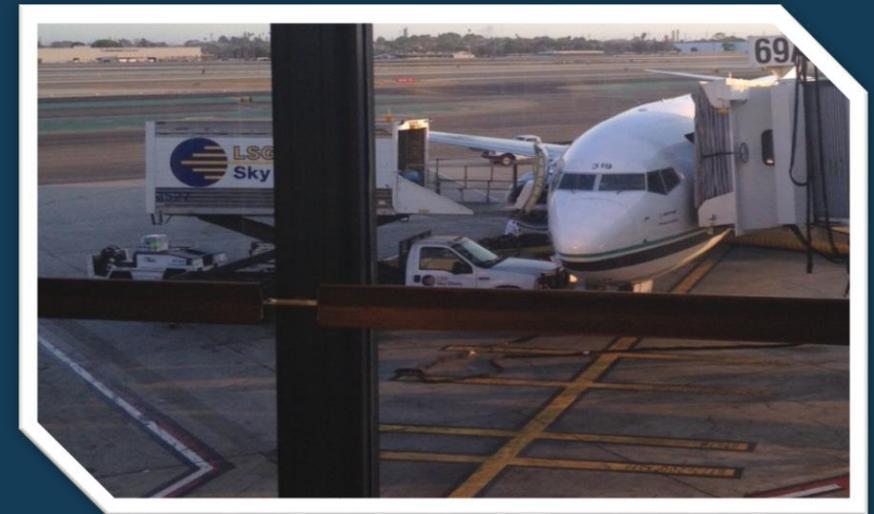
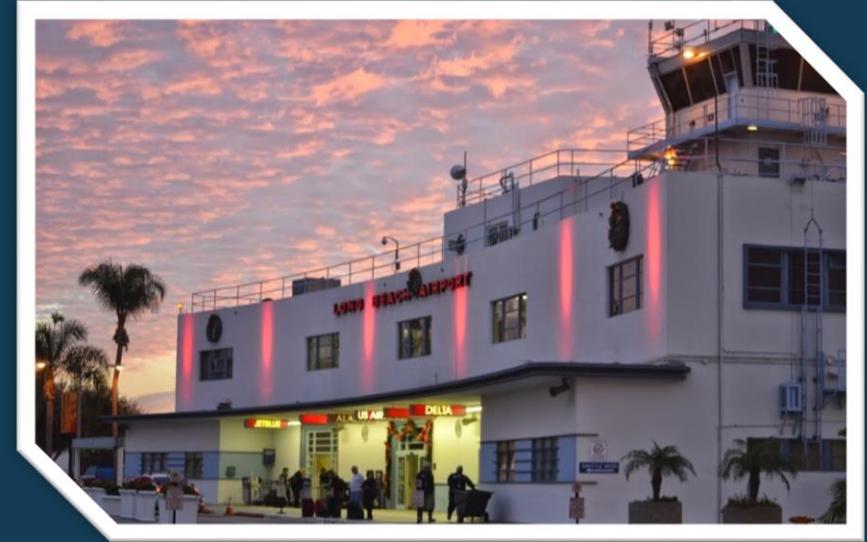


# SCAG Region's Airport System



# Our Airports are Assets

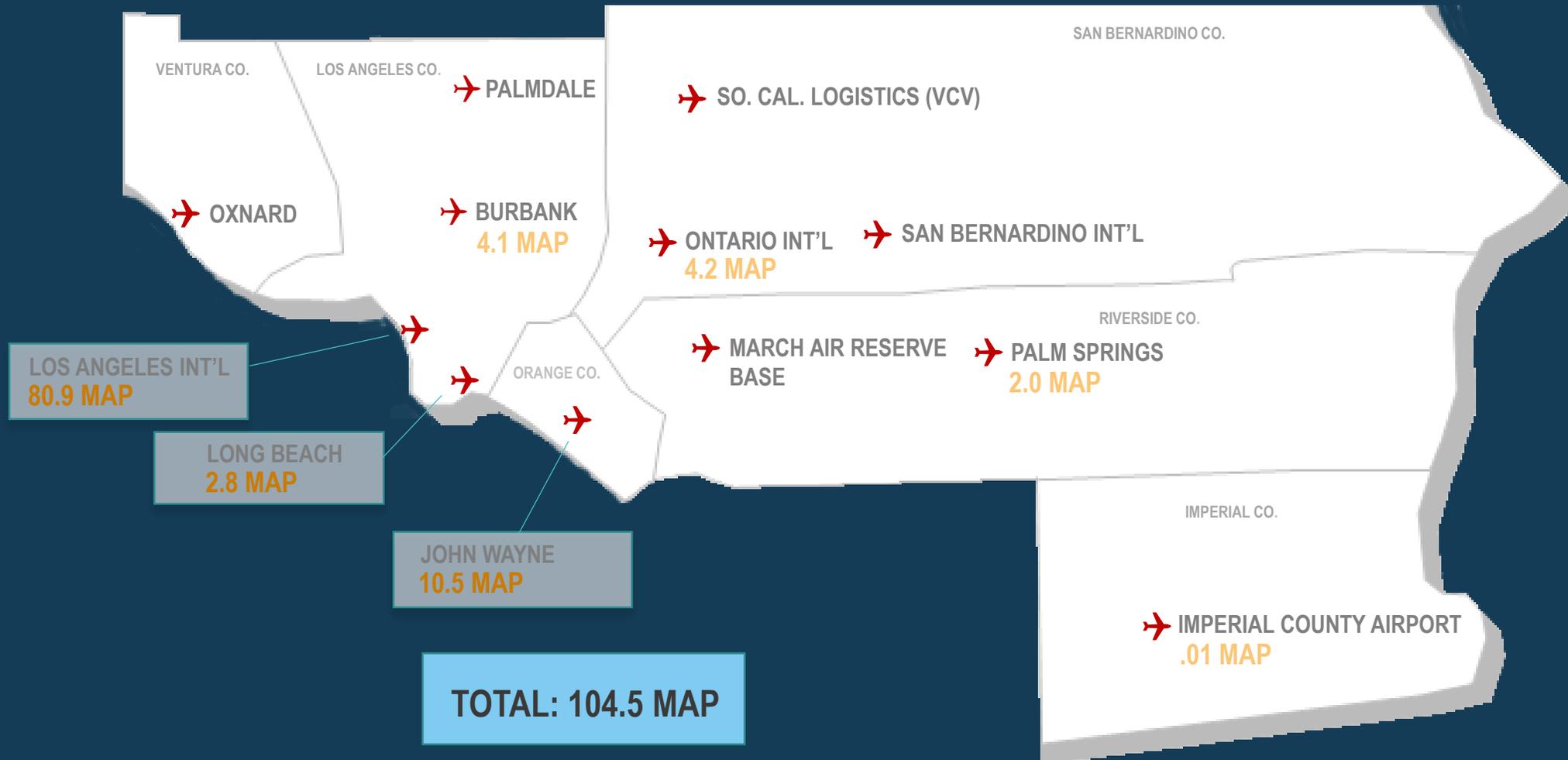
- Combined, the SCAG Region Airports:
  - Serve 189 nonstop destinations to more than 40 countries
  - Have 1,200 daily departures
  - Have over 170,000 daily departing seats on 64 airlines
  - No lengthy tarmac delays
  - Consistently above 80% on time arrivals and departures



# Regional Aviation Demand and Airport Specific Demand in 2016



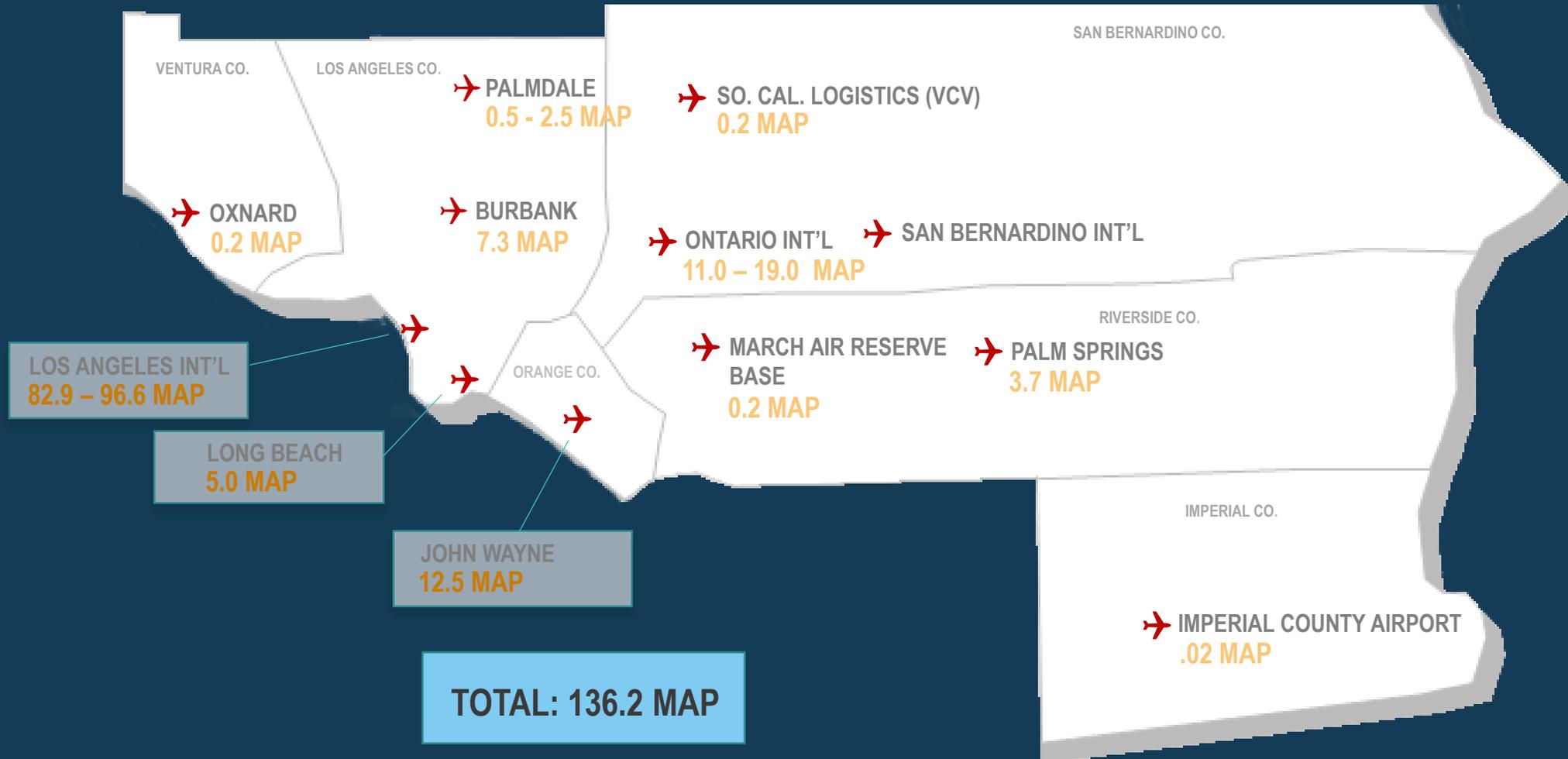
Number of Passengers in MAP (Million Annual Passengers)



# Regional Airport Passenger Demand Forecast in 2040

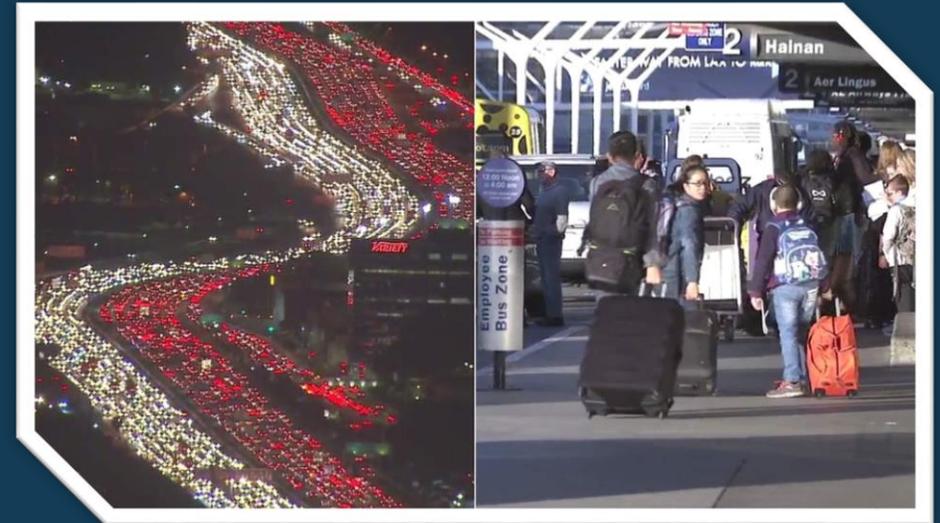


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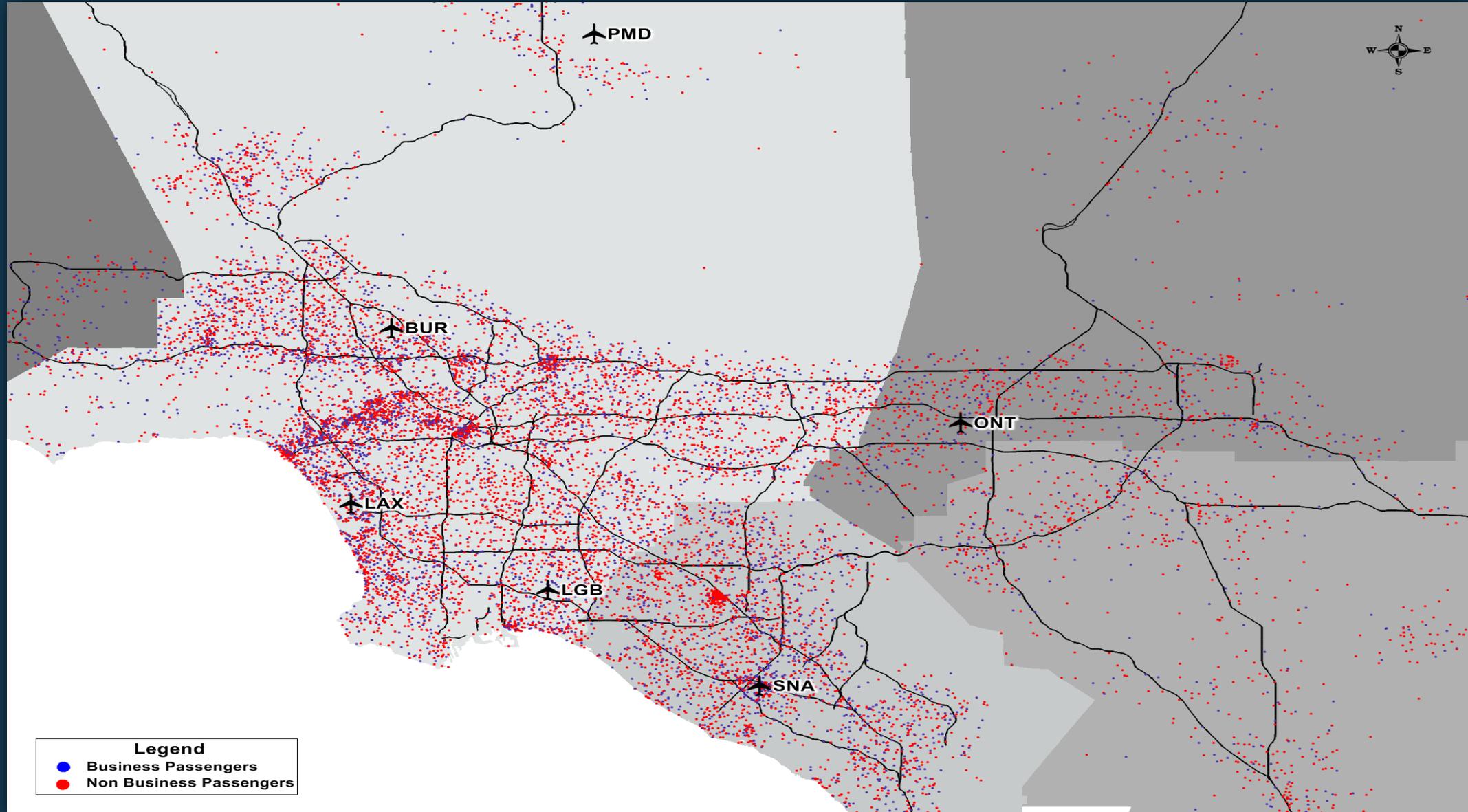


# Airport Access Trips

- Currently, more than 200,000 daily arriving/departing air passengers
  - 2040 forecast: 330,000 daily passengers
- Low ground access transit share:
  - LAX: 3%
  - BUR: 1%
  - Others: <1%
- Half of all airport trips are pick up/drop off
  - Each accounts for two ground trips each



# Regional Air Passenger Trip Origination

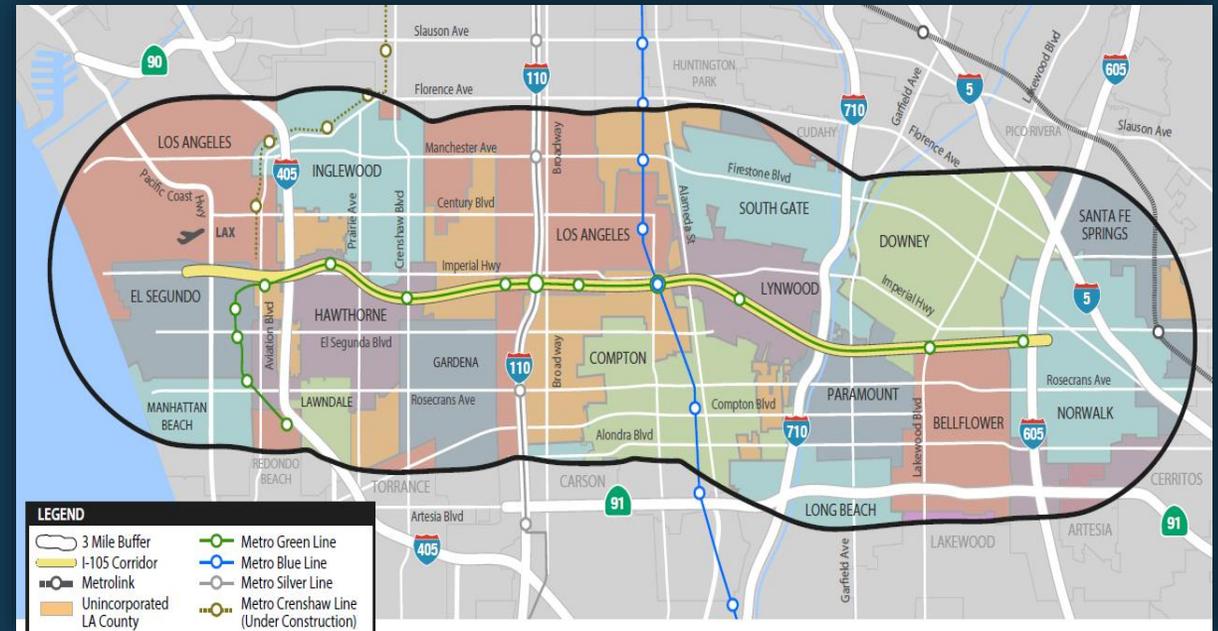


**So, what is the region doing to  
relieve congestion and improve  
access to its airports?**



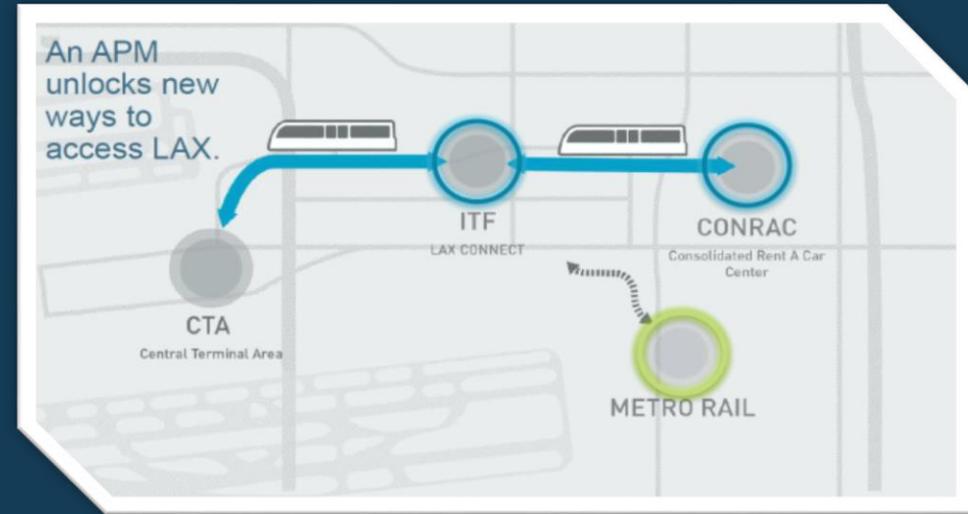
# I-105 Corridor Sustainability Study (CSS)

- Leading planning level study to examine I-105 corridor to assess its future potential
- I-105 CSS will incorporate new planning tools (i.e., complete streets, smart mobility framework).
- Heavy coordination with Metro, Caltrans, corridor cities, and LAWA
- Anticipated completion – late 2019

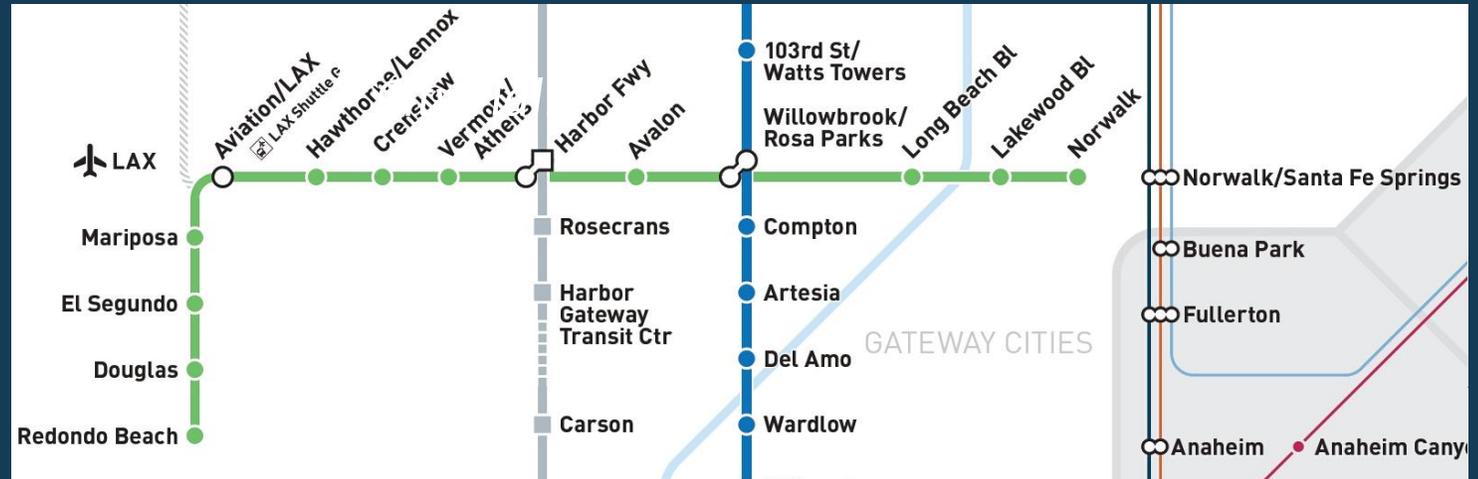


# I-105 CSS Project Goals

- Maximize mobility and productivity for all people and goods throughout the corridor
- Improve the integration of various modes of travel within the corridor and to improve access to major destinations such as LAX
- Encourage and improve access to other modes of travel
- Improve safety for all modes throughout the corridor



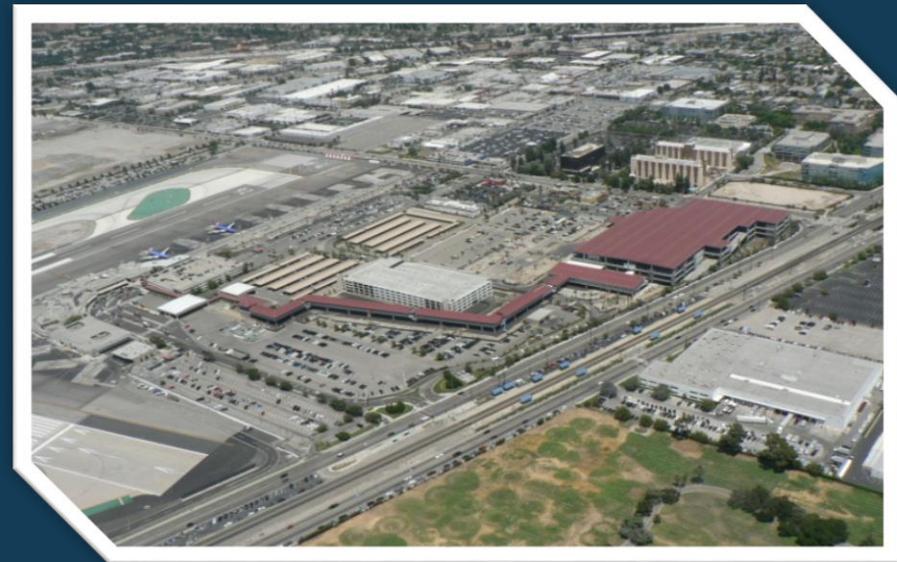
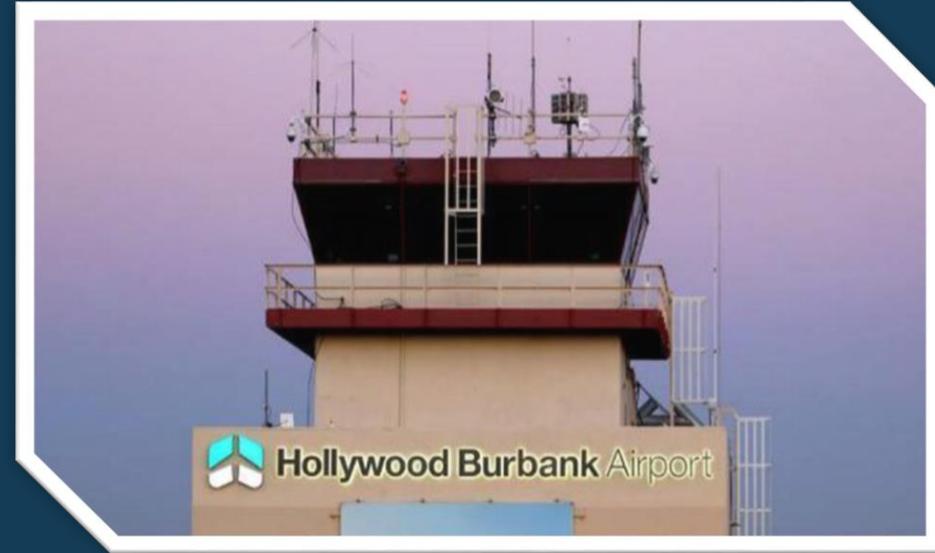
# Green Line Extension Study



# Hollywood Burbank Airport Improvements



- New Regional Intermodal Transportation Center (RITC) completed in 2014
- Construction started on New Metrolink Station along the Antelope Valley Line in 2017
  - Provides Bob Hope Airport with connections to regional rail network and direct connection to Union Station





# Ontario International Airport (ONT)



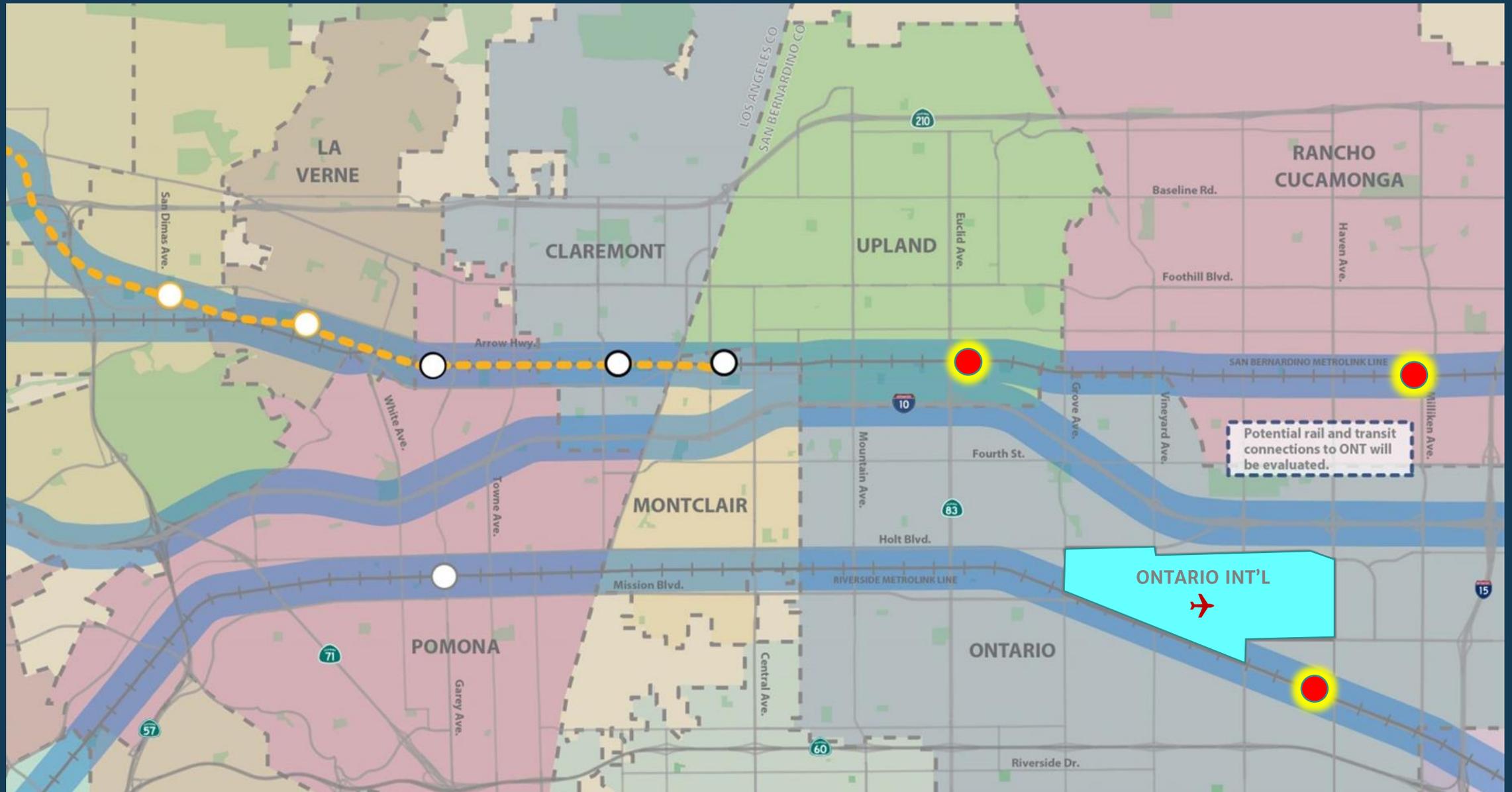
- ONT is a greatly underutilized airport in the SCAG region (and CA)
- 4.5 million annual passengers (MAP) in 2017 – compared to a capacity of up to 30 MAP
- Ownership and operation of ONT was transferred to local control in 2016
- ONT's growth crucial to Inland Empire and SCAG region – economy, and growth constraints at other regional airports.
- Recently secured agreement with China Airlines to provide daily service to Taiwan

# Exploring Rail Options to ONT



- Two commuter rail lines run adjacent to the airport or very close, yet don't serve it.
- Future Metro Gold Line extension to Montclair, with possible bus shuttle and express services to ONT.
- Possible extension of Gold Line to ONT, but unfunded and alignment paths constrained and problematic.
- Possible westward extension of Redlands Rail to ONT.
- Union Pacific mainline adjacent to ONT on north, but freight only.

# Inter-County Study Area



- SBCTA Rail Access Study (Nov. 2015) recommends rail spur coming from Metrolink San Bernardino Line from Rancho Cucamonga once MAP hits 15 million. Similar to Oakland International Airport.
- Extend Gold Line from west, or Hybrid Rail (Redlands Rail) from east.
- Hybrid Rail can run on existing commuter rail or freight tracks (not electrical compulsion – diesel multiple unit).
- Reroute Metrolink Riverside and San Bernardino Lines.
- LAX FlyAway–bus shuttle services being studied.

# Future of Aviation in the SCAG region



- SCAG region's commercial airport system will continue to play a critical role in the daily lives of its residents and serve as a driver of economic growth
- Critically needed modernization of SCAG region's airports, led by LAX is underway
- 2028 Los Angeles Olympics is playing a critical role in expediting projects
- Critical Landside Access Improvement projects at LAX will transform its connectivity to the greater Los Angeles
- Transfer of Ontario Airport ownership to local control will have a profound effect on its operation and local and regional communities



# Thank you

Naresh Amatya, Transportation Planning  
Manager

[amatya@scag.ca.gov](mailto:amatya@scag.ca.gov)

(213) 897-1885

