

# RAIL PLAN

California State  
Rail Plan



# California State Rail Plan Southern Region

April 2023 Workshop Presentation



# California State Rail Plan

## Design Principles



### The 'Base Pulse':

- Service planning in the rail plan is focused on the regularized 'Base Pulse' of all-day integrated service with timed connections
- The Rail Plan expects additional peak-overlay service responsive to market demands and local service goals
- The Rail Plan expects some midday or weekend slots within the Base Pulse would not be activated initially, but would be scaled over time as markets develop

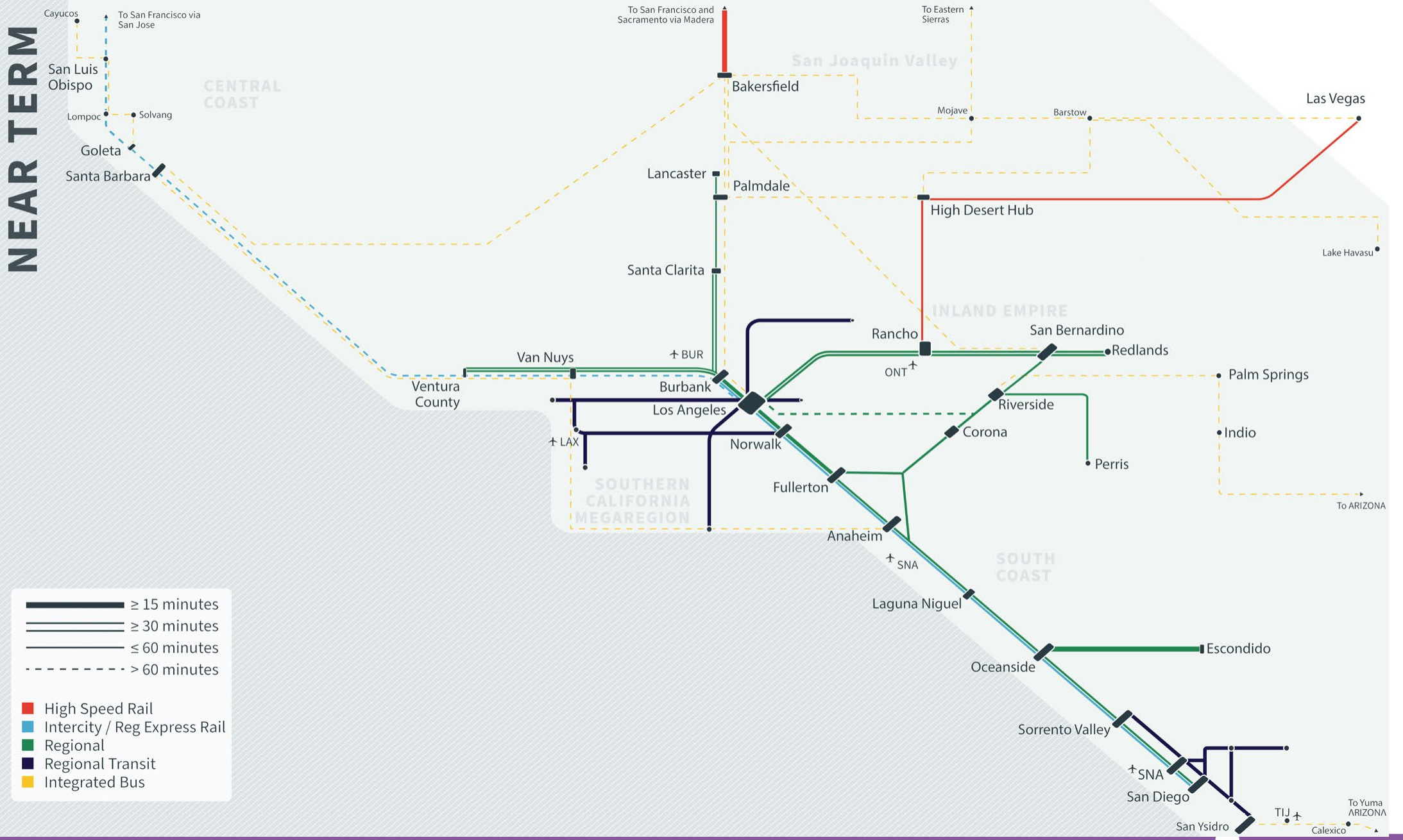
### Implementation Planning:

- The State will continue to lead service-led network integration planning, service implementation, and project development.



# Near Term Improvements (5 Year)

# NEAR TERM



# Near Term Improvements



## Key Connections:

- Organize state rail network in the megaregion around pulse connections at Los Angeles Union Station (LAUS), San Bernardino, Riverside, Oceanside, Old Town San Diego, and an emerging Inland Empire connection hub at Rancho Cucamonga
- Integrated express bus services connecting to the statewide rail system in Bakersfield, Palmdale, San Bernardino
- Integrated bus service to connect Las Vegas HSR service between Victorville and Las Vegas with the statewide rail network, based on frequency improvements to the corridors serving Bakersfield, Palmdale, San Bernardino, and Riverside.

## Project Development Goals:

- Initial run-through tracks at LAUS
- Begin construction of HSR-supporting infrastructure between Bakersfield and LAUS
- Begin construction of HSR-supporting infrastructure between LAUS and Anaheim including HSR run-through tracks at LAUS

# Near Term Improvements (Continued)



- Make early rail investments with stakeholder engagement and coordination to deliver connecting services between LAUS and the Coachella Valley
- Complete maintenance and layover facility investments for integrated services
- LOSSAN corridor capacity enhancements

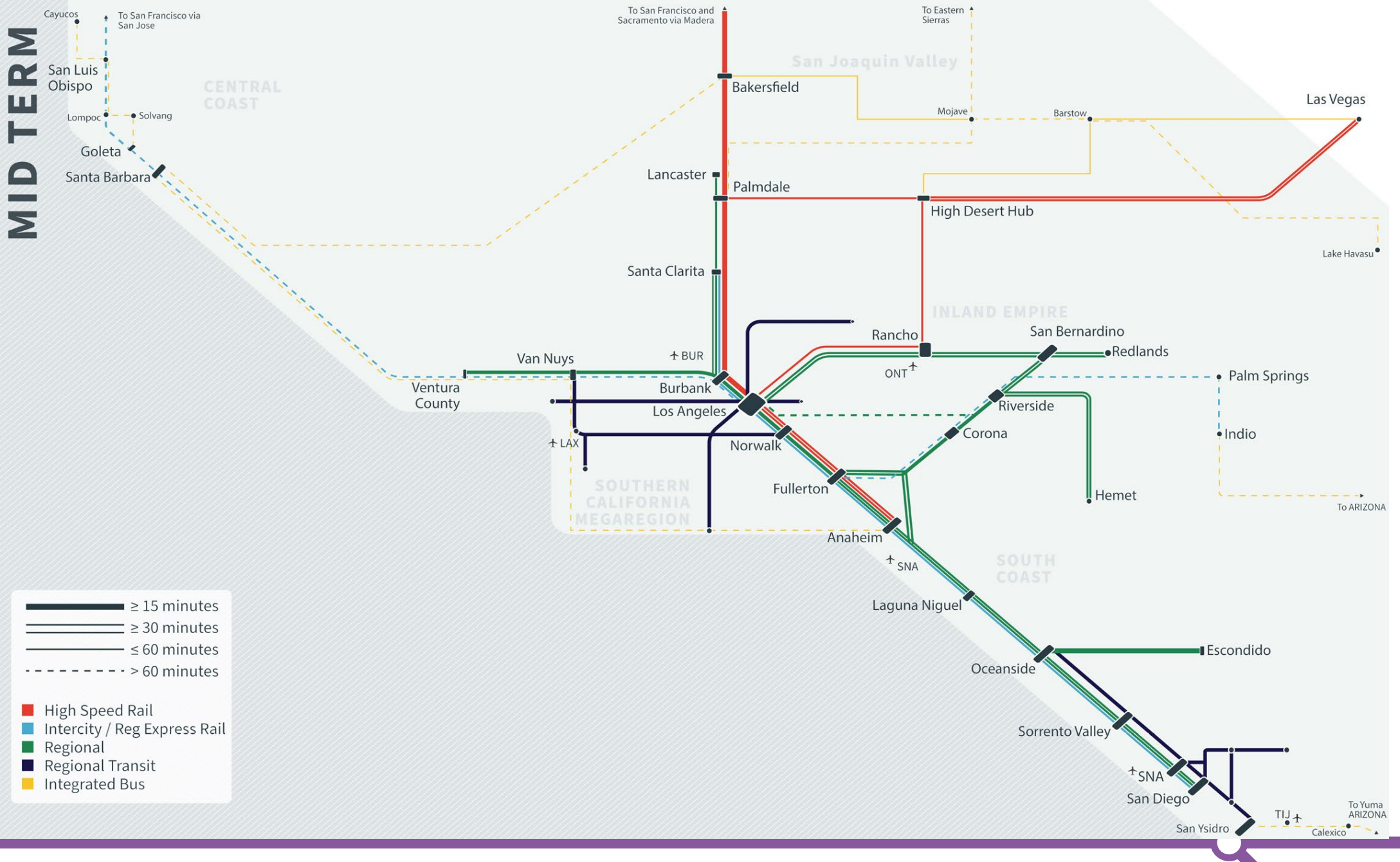
## Planning Goals:

- Conduct a study to determine the long-term mix of express and local services that can be supported on the Ventura County Line corridor and the end point for half-hourly services (i.e., Chatsworth, Moorpark, or Ventura).
- Plan for half-hourly all-day local service between Los Angeles and Riverside via Fullerton, and between Riverside and Orange County
- Plan for 2050 LOSSAN South network, including increase in express train service to half-hourly, and integration of mid-term HSR services to Anaheim
- Work with SANDAG to implement the SD RTP and network integration between intercity and high-speed rail
- Plan for long-term realignment and/or tunneling of the LOSSAN corridor at Del Mar



# Mid Term Improvements (10 Year)

# MID TERM





# Mid Term Improvements



## Key Connections:

- Organize state rail network in the megaregion around pulse connections at Los Angeles Union Station (LAUS), San Bernardino, Riverside, Oceanside, Old Town San Diego, and an emerging Inland Empire connection hub at Rancho Cucamonga
- Integrated connections to the Las Vegas High-Speed rail at the High Desert Hub
- San Diego transit connections to San Ysidro, and integrated bus connections to Otay Mesa and the Tijuana Airport
- Integrated bus connection from the San Diego hub to El Centro/Calexico via El Cajon

## Project Development Goals:

- Develop Burbank/Bob Hope Airport as a connection hub, with connecting services extending west to Santa Barbara/Goleta and north to Palmdale
- Create a San Diego hub for HSR, intercity rail, regional rail, and high-capacity transit at San Diego Airport / Old Town
- Project implementation planning for San Diego Subdivision Corridor tunnel projects
- Project implementation planning for high-frequency regional service

# Mid Term Improvements



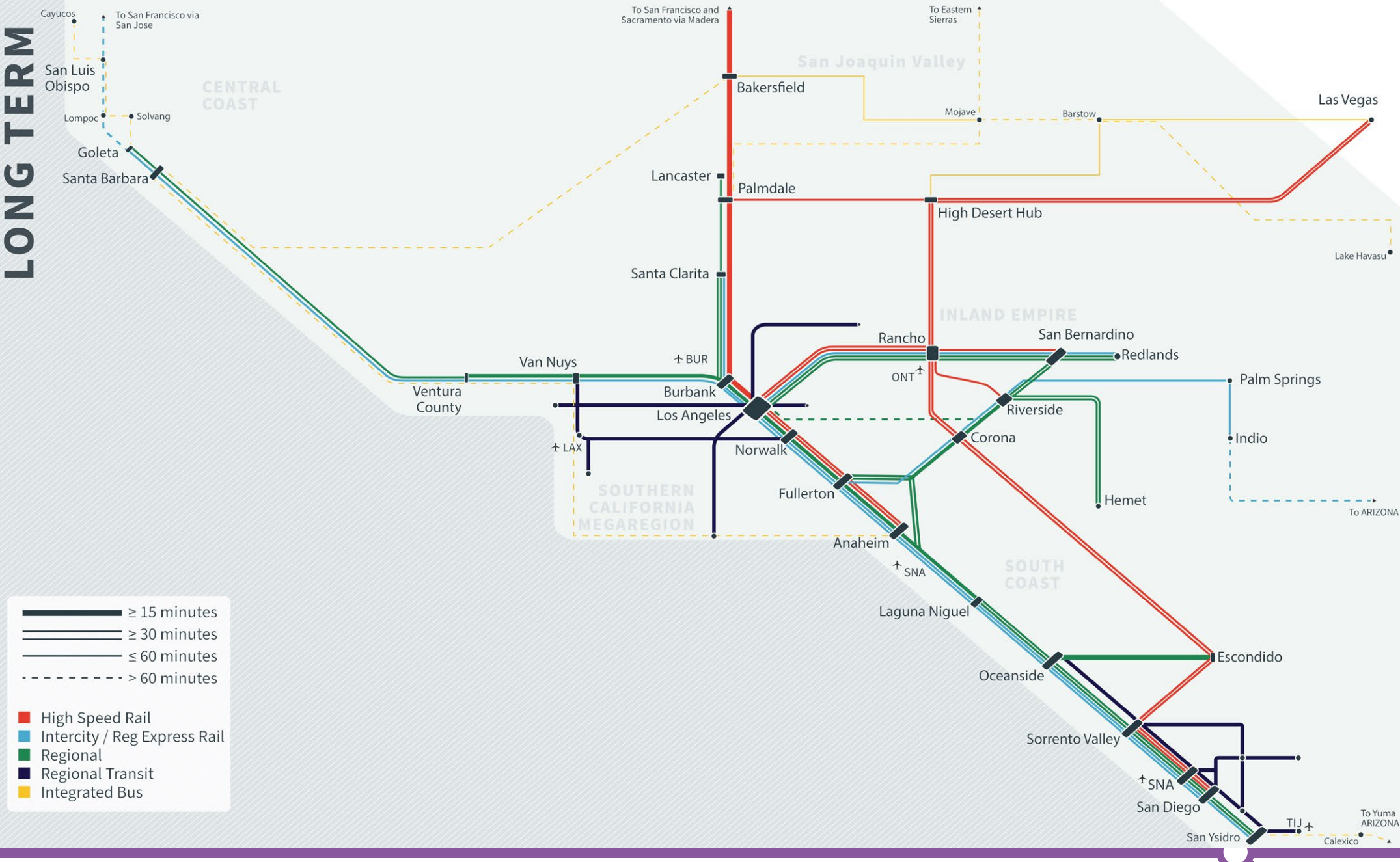
## Planning Goals:

- Implementation planning for main line service expansion south to San Ysidro
- Plan to expand HSR connectivity to San Diego, the Inland Empire, and Las Vegas
- Plan for intercity rail extension to Arizona



# Long Term Improvements

# LONG TERM



$\geq 15$  minutes  
  $\geq 30$  minutes  
  $\leq 60$  minutes  
  $> 60$  minutes

■ High Speed Rail  
■ Intercity / Reg Express Rail  
■ Regional  
■ Regional Transit  
■ Integrated Bus

# Long Term Improvements



## Key Connections:

- Connections to the Las Vegas High-Speed rail at a High Desert Hub
- High speed connections in LAUS, Anaheim, San Diego, and Escondido

## Project Development Goals:

- New corridors and service increases identified by SANDAG in San Diego Forward
- Buildout of the regional rail network with enhanced light rail and commuter services with hubs near SAN, University Heights, and University Town Center (UTC)
- High Speed Rail connection from San Diego to the Inland Empire via Escondido

# Questions?

