

Appendix A.8 Long-Term Vision Demonstration Scenario Netgraph

California State Rail Plan: Long-Term Vision Demonstration Scenario

Version 1-10

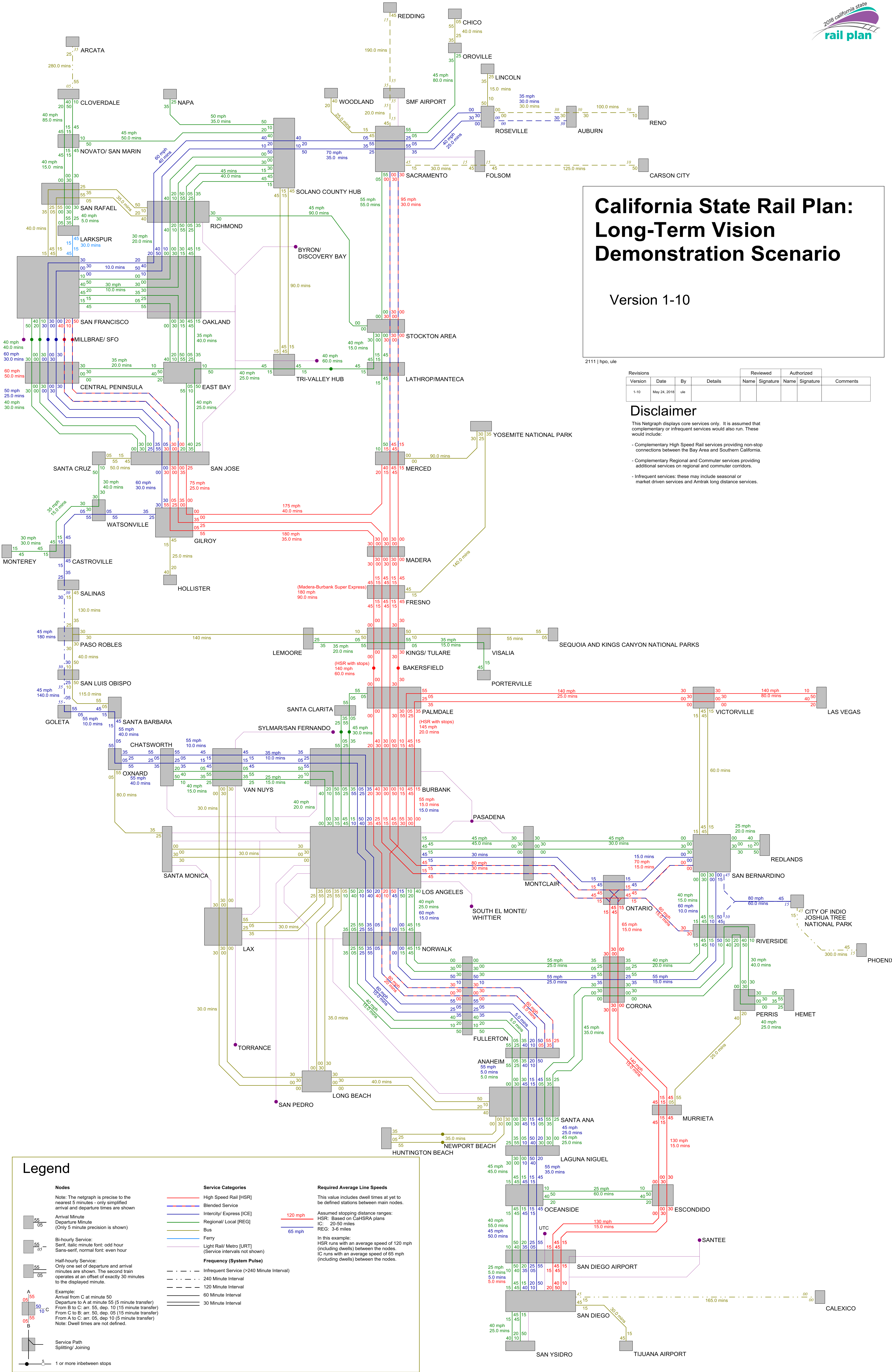
2111 | hpo, ule

Revisions				Reviewed		Authorized		Comments
Version	Date	By	Details	Name	Signature	Name	Signature	
1-10	May 24, 2018	ule						

Disclaimer

This Netgraph displays core services only. It is assumed that complementary or infrequent services would also run. These would include:

- Complementary High Speed Rail services providing non-stop connections between the Bay Area and Southern California.
- Complementary Regional and Commuter services providing additional services on regional and commuter corridors.
- Infrequent services: these may include seasonal or market driven services and Amtrak long distance services.



Legend

- Nodes**
- Note: The netgraph is precise to the nearest 5 minutes - only simplified arrival and departure times are shown
- Arrival Minute
Departure Minute
(Only 5 minute precision is shown)
- Bi-hourly Service:
Serif, italic minute font: odd hour
Sans-serif, normal font: even hour
- Half-hourly Service:
Only one set of departure and arrival minutes are shown. The second train operates at an offset of exactly 30 minutes to the displayed minute.
- Example:
Arrival from C at minute 50
Departure to A at minute 55 (5 minute transfer)
From B to C: arr. 55, dep. 10 (15 minute transfer)
From C to B: arr. 50, dep. 05 (15 minute transfer)
From A to C: arr. 05, dep. 10 (5 minute transfer)
Note: Dwell times are not defined.
- Service Categories**
- High Speed Rail (HSR)
 - Blended Service
 - Intercity/ Express (ICE)
 - Regional/ Local (REG)
 - Bus
 - Ferry
 - Light Rail/ Metro (LRT)
 - (Service intervals not shown)
- Frequency (System Pulse)**
- Infrequent Service (>240 Minute Interval)
 - 240 Minute Interval
 - 120 Minute Interval
 - 60 Minute Interval
 - 30 Minute Interval
- Required Average Line Speeds**
- This value includes dwell times at yet to be defined stations between main nodes.
- 120 mph
 - 65 mph
- Assumed stopping distance ranges:
HSR: Based on CalHSRA plans
IC: 20-50 miles
REG: 3-6 miles
- In this example:
HSR runs with an average speed of 120 mph (including dwells) between the nodes.
ICE runs with an average speed of 65 mph (including dwells) between the nodes.
- Service Path**
Splitting/Joining
- 1 or more inbetween stops

