

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

SUPPLEMENTAL ALTERNATIVES ANALYSIS



Palmdale to Los Angeles

March 3, 2011

SUPPLEMENTAL ALTERNATIVES ANALYSIS

- Supplemental Alternatives Analysis posted at www.cahighspeedrail.ca.gov
- Further recommendations for Union Station to Sylmar including station Locations
- Defer further recommendations from Sylmar to Palmdale until a future Board Meeting
- Comments and feedback heard through extensive agency, elected official and stakeholder outreach shaped the development of the alignment alternatives and station location options

PALMDALE TO LOS ANGELES

AGENCY, ELECTED OFFICIAL AND STAKEHOLDER OUTREACH

City of Los Angeles (Downtown and Valley planners)	August 31, 2010 September 9, 2010,	October 13, 2010 February 8, 2011 February 9, 2011
City of Glendale	July 22, 2010	February 2, 2011
City of Burbank	July 23, 2010 August 24, 2010	November 10, 2010 October 28, 2010,
City of San Fernando	July 22, 2010, October 20, 2010 October 28, 2010	November 15, 2010 February 3, 2011
City of Santa Clarita	August 31, 2010	September 7, 2010 (City Council Study Session) January 5, 2011
Towns of Acton and Agua Dulce	July 12, 2010 August 30, 2010 October 25, 2010	November 12, 2010 January 18, 2011 February 9, 2011
City of Palmdale	February 9, 2011	
Metro	July 12, 2010, July 13, 2010 August 25, 2010,	October 13, 2010 January 13, 2011
City, County and Statewide Elected Officials and staff	Councilmember Cardenas, August 24, 2010 Congressmember Becerra 25, 2010 Supervisor Antonovich September 14, 2010 Councilmember Alarcon September 16, 2010 Councilmember LaBonge November 23, 2010	Councilmember LaBonge December 10, 2010 Congressman Becerra December 21, 2010 Senator Padilla January 12, 2011 Assemblymember Fuentes January 25, 2011 Councilmember Cardenas January 26, 2011 Supervisor Antonovich February 4, 2011
Community Open Houses	August 23, 2010/Palmdale August 25, 2010/Burbank	August 26, 2010/Santa Clarita September 21, 2010/Downtown Los Angeles

PALMDALE TO LOS ANGELES

PRELIMINARY ALTERNATIVES ANALYSIS

Sylmar to Palmdale

- New right-of-way generally following SR14 corridor
- 2 alignments west and east entering Palmdale
- 2 station options, 1 for each alignment alternative

SR 2 to Sylmar

- Share Metro owned right-of-way with dedicated HST tracks adjacent to realigned Metrolink, Amtrak and UPRR tracks.
- 5 station options (Burbank Metrolink; Burbank Buena Vista; Branford Street; Pacoima Wash; San Fernando)
- Vertical profile variations compatible with station options, grade crossings

LAUS to SR 2

- 3 tunnel options on west bank crossing under the LA River to just south of Rio de Los Angeles State Park
- 1 surface/elevated option crossing the LA River to east bank
- East or west side of Rio de Los Angeles State Park



RECOMMENDED LAUS TO SR 2 ALIGNMENT ALTERNATIVES

Tunnels - T1 and T3

- Redesigned to avoid cut and cover tunnel through State Historic Park. Tunnels beneath park are now bored tunnel.
- Extend tunnel past Rio de Los Angeles State Park

Metrolink Alignment (was in trench, change to at-grade)

- Metrolink, Amtrak and Freight operators remain at-grade
- HST at-grade allows access between park and river by bridge or underpass

SR 2

I-5

Rio de Los Angeles State Park

Tunnel - T2 (Withdrawal)

- Requires realignment of Gold Line
- Conflicts with proposed Gold Line Yard and Station

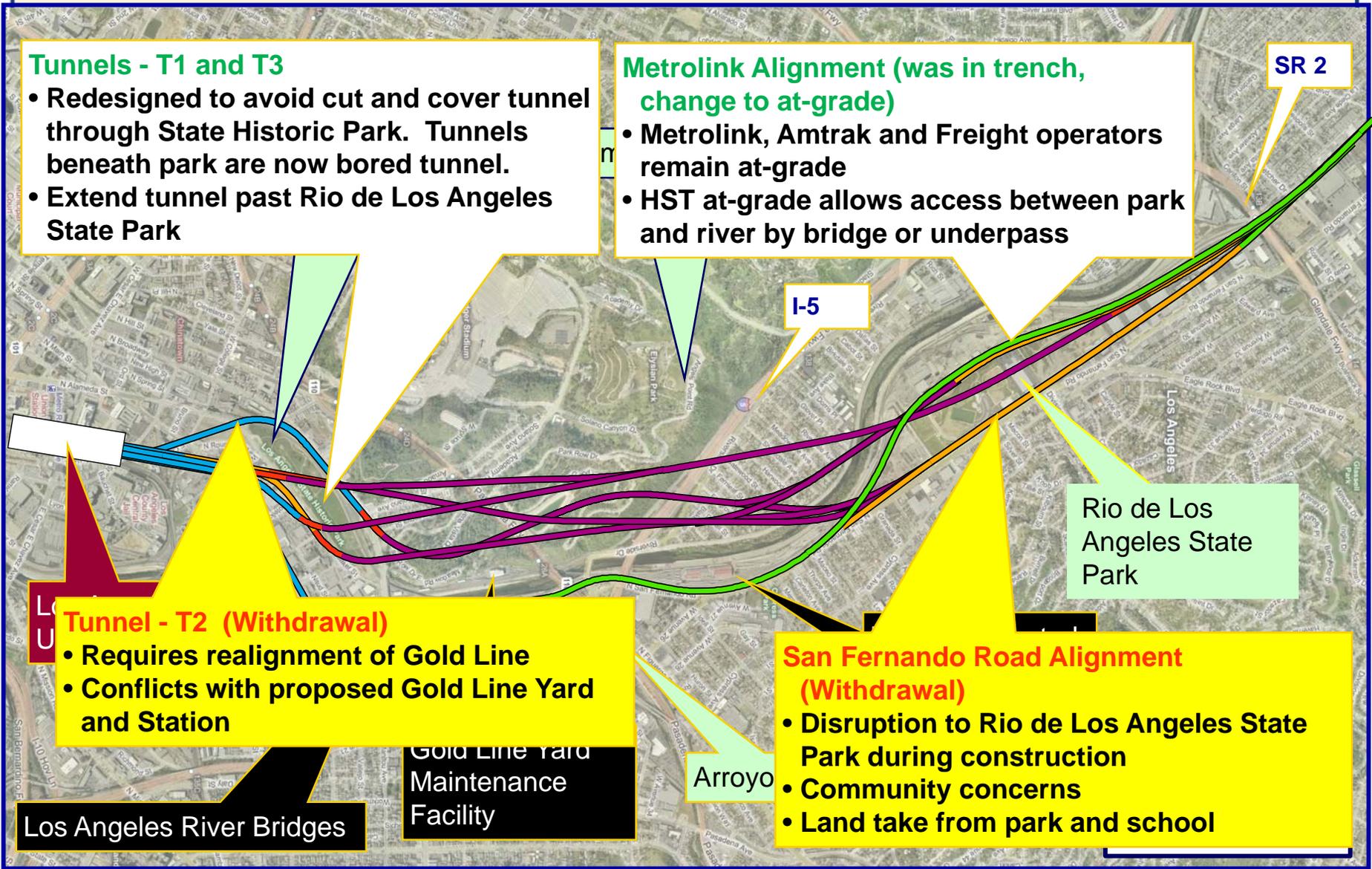
San Fernando Road Alignment (Withdrawal)

- Disruption to Rio de Los Angeles State Park during construction
- Community concerns
- Land take from park and school

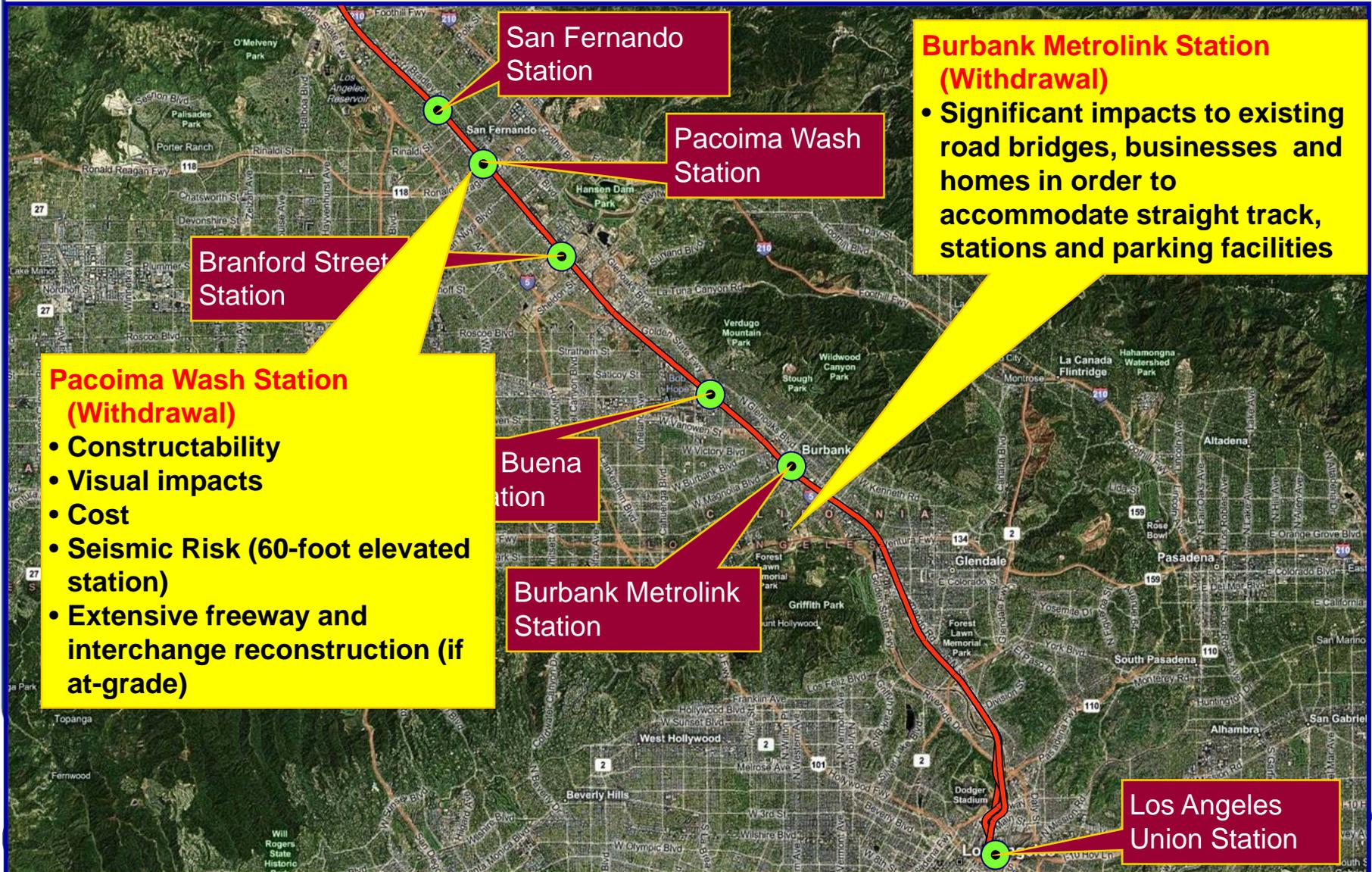
Gold Line Yard Maintenance Facility

Arroyo

Los Angeles River Bridges



RECOMMENDED SAN FERNANDO VALLEY STATION LOCATION OPTIONS



SUPPLEMENTAL ALTERNATIVE ANALYSIS RECOMMENDATIONS

Sylmar to Palmdale

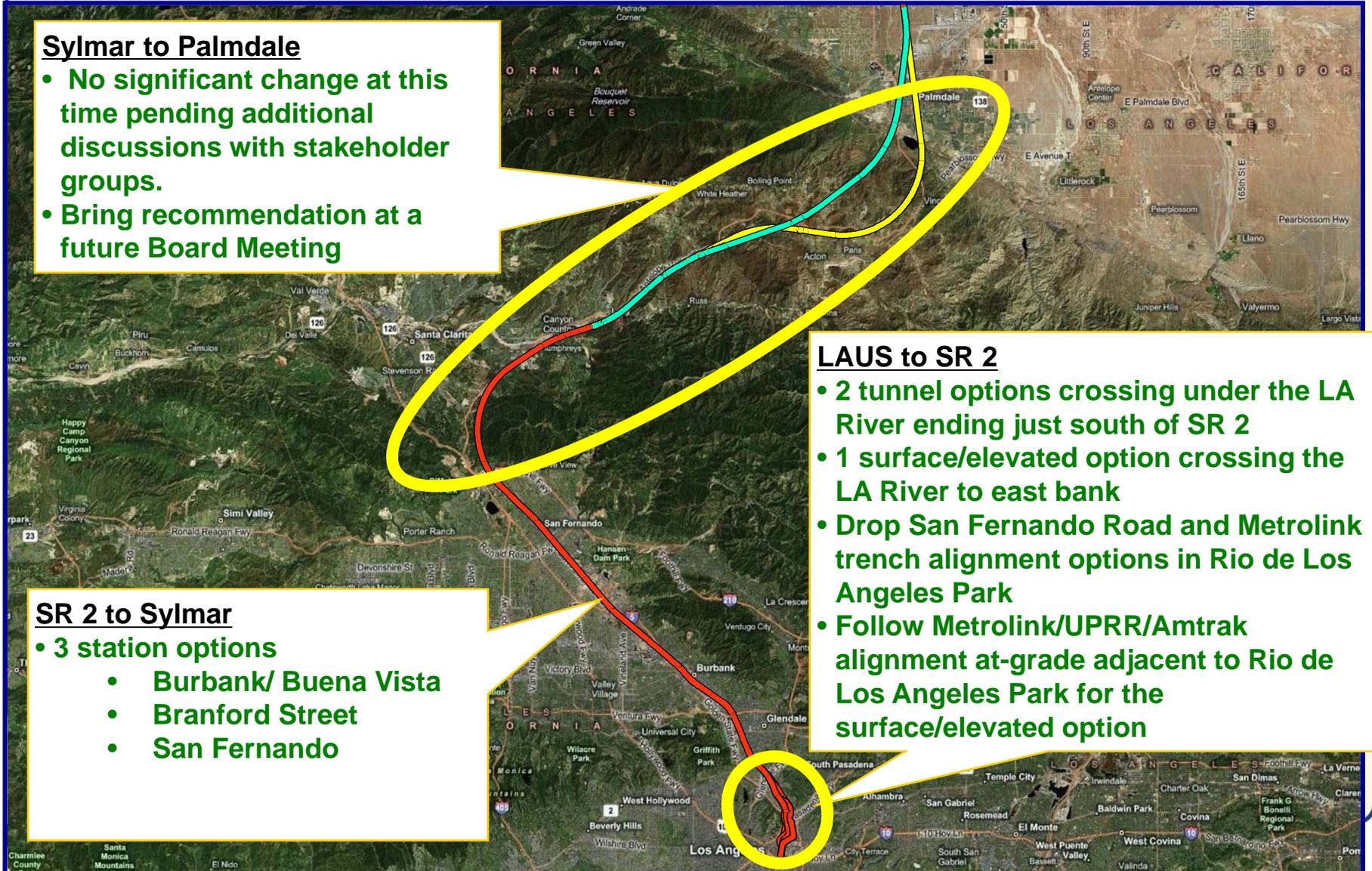
- No significant change at this time pending additional discussions with stakeholder groups.
- Bring recommendation at a future Board Meeting

LAUS to SR 2

- 2 tunnel options crossing under the LA River ending just south of SR 2
- 1 surface/elevated option crossing the LA River to east bank
- Drop San Fernando Road and Metrolink trench alignment options in Rio de Los Angeles Park
- Follow Metrolink/UPRR/Amtrak alignment at-grade adjacent to Rio de Los Angeles Park for the surface/elevated option

SR 2 to Sylmar

- 3 station options
 - Burbank/ Buena Vista
 - Branford Street
 - San Fernando



TIMELINE, NEXT STEPS AND PUBLIC COMMENT OPPORTUNITIES

Ongoing Public Comment

July 8, 2010

- Preliminary Draft Alternatives Analysis submitted to CHSRA Board and released on www.cahighspeedrail.ca.gov
- Hosted 4 Community Open Houses – August 23/Palmdale, August 25/Burbank, August 26/Santa Clarita, September 21/Downtown Los Angeles

March 3, 2011

- Supplemental Alternatives Analysis to CHSRA Board
- Released on www.cahighspeedrail.ca.gov for public input

Winter 2011/2012

- Draft EIR/EIS

Summer 2012

- Final EIR/EIS

Winter 2012

- Record of Decision / Notice of Determination

PALMDALE TO LOS ANGELES