

SAN JOSE TO MERCED

California High-Speed Rail Authority
Supplemental Alternatives Analysis



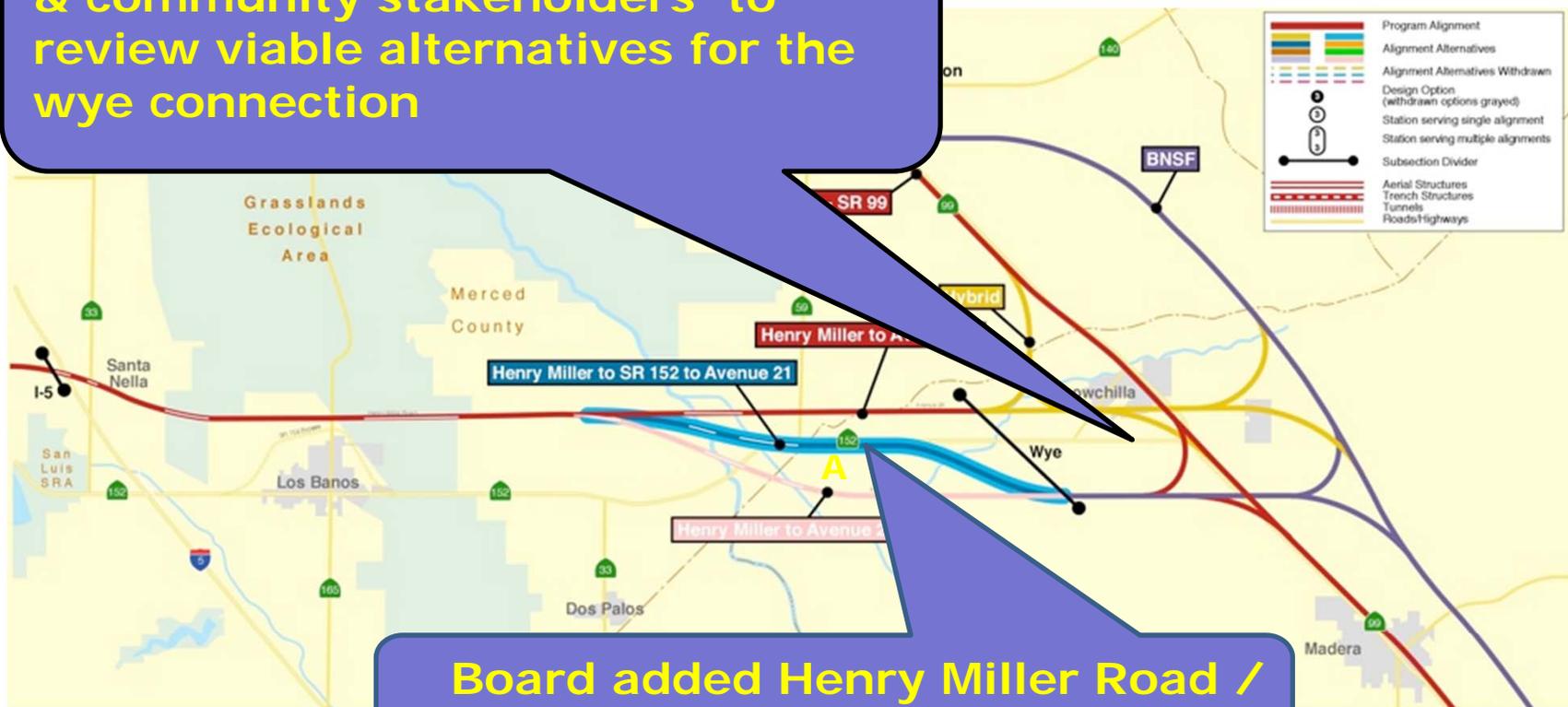
San Jose to Merced

July 14, 2011

San Joaquin Valley Subsection

Prior Supplemental Alternatives Analysis – May 5, 2011

Continue to work with agricultural & community stakeholders to review viable alternatives for the wye connection



Board added Henry Miller Road / SR 152/Ave 21 on May 5, 2011

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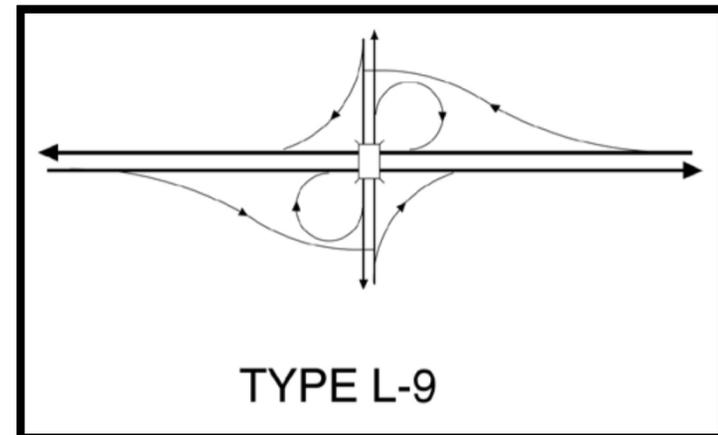
Stakeholder Input

- US Environmental Protection Agency (USEPA) & US Army Corps of Engineers (USACE) requested that Authority continue to evaluate a High-Speed Train (HST) alignment parallel to State Route (SR) 152 across the San Joaquin Valley
- Community groups in Madera County including farming interests organized under name of “Preserve our Heritage” (POH):
 - Submitted letters & comments regarding impacts of HST alignments on agricultural land & agricultural business
 - Encouraged more use of existing transportation corridors
 - Proposed an HST alignment along SR 152

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Existing Planning for SR 152

- Met with Caltrans District 6 staff regarding configuration of HST along SR 152
- Existing Freeway Agreement
 - Signed by Madera County and Caltrans
 - Six locations for future interchanges
 - Intermediate roads closed or separated
- Preferred local interchange configuration for planning is Type L-9, partial cloverleaf →



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SR 152 HST Alignment

- HST alignment must consider
 - HST engineering criteria
 - Possible future configurations of SR 152
 - Currently approved SR 152 Freeway Agreement
- HST alignment offset ~400 feet from freeway right-of-way to accommodate future improvements to SR 152

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SR 152 Freeway Agreement

- If HST alignment immediately adjacent to SR 152, highway would need to be realigned to the north at every interchange to accommodate interchange ramps
- Example -- SR 99 at E. Mission Ave.

BEFORE (ADJACENT TO UPRR)

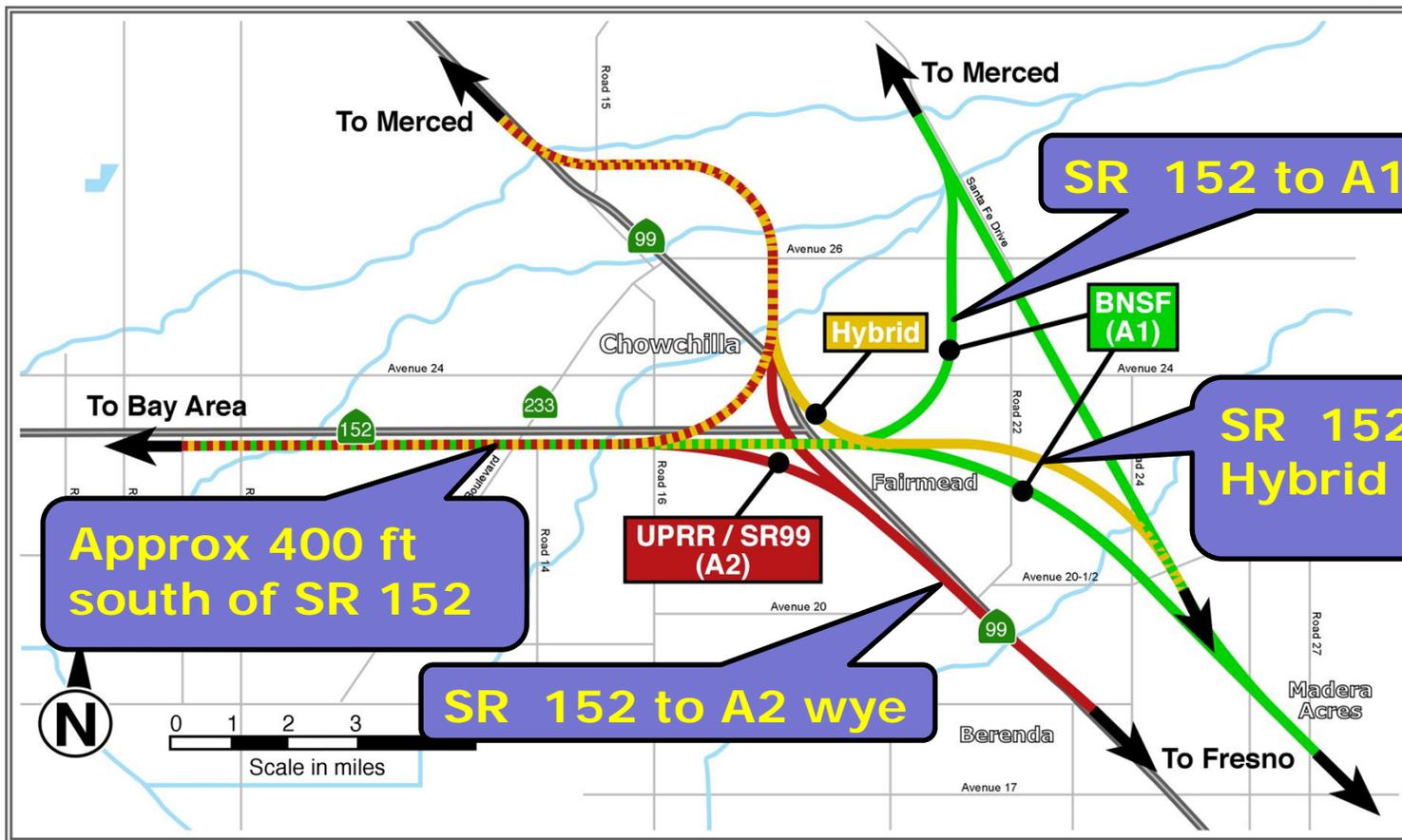


WITH NEW INTERCHANGE



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SR 152 Wyes Evaluated



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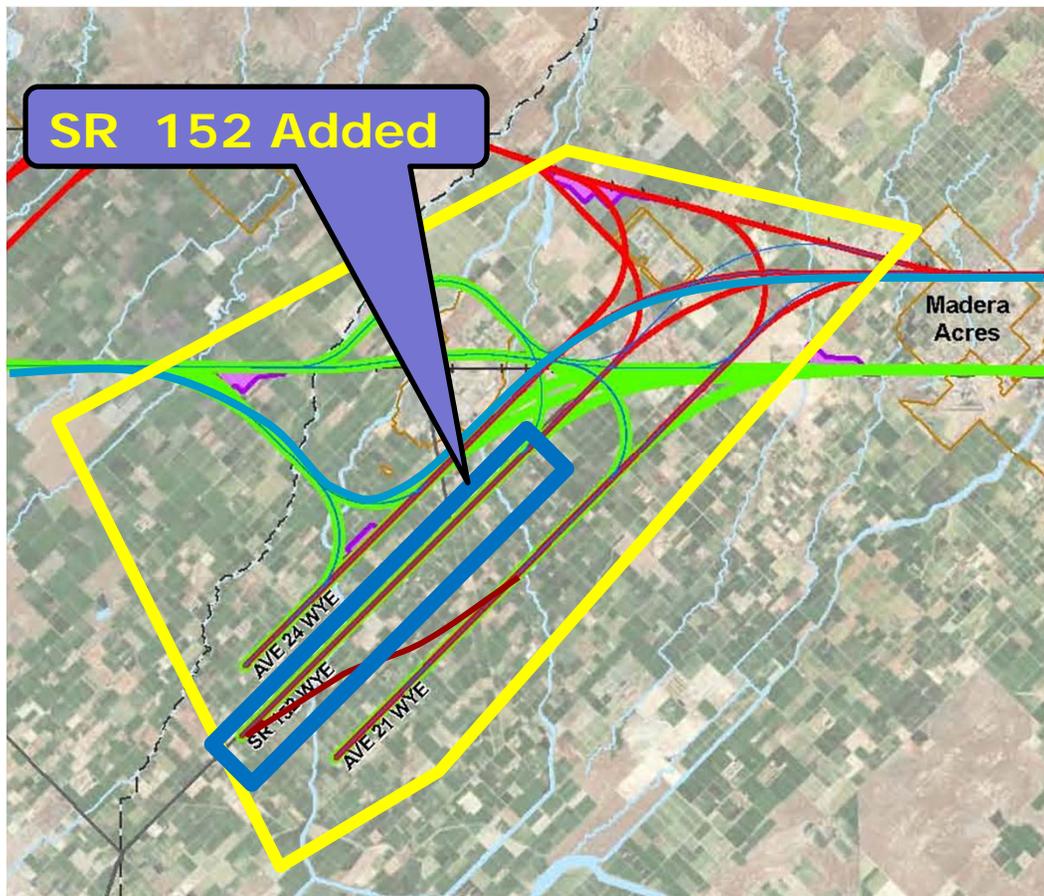
Recommended ALTERNATIVES to carry forward San Joaquin Valley Subsection

Additional Alternative shown in **BOLD**:

- Henry Miller Road to Avenue 24 Alignment Alternative
- Henry Miller Road to Avenue 21 Alignment Alternative
- Henry Miller Road/SR152/Avenue 21 Alignment Alternative
- **Henry Miller Road to SR 152 Alignment Alternative**

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Alignments & Wyes to Evaluate San Jose to Merced Draft EIR/EIS



**BNSF (A1)
Alternative**

**UPRR (A2)
Alternative**

**Hybrid
Alternative**

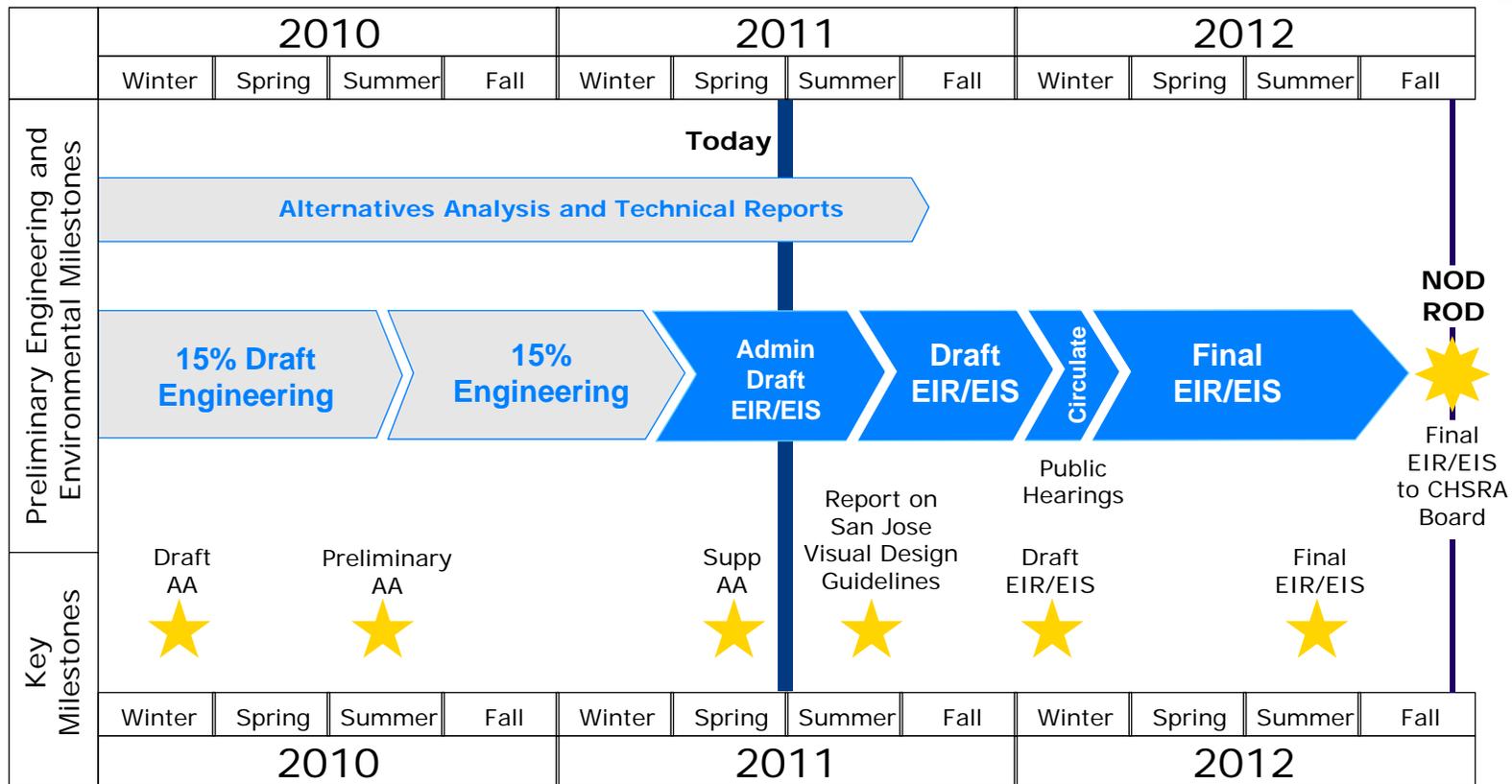
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Recommendations

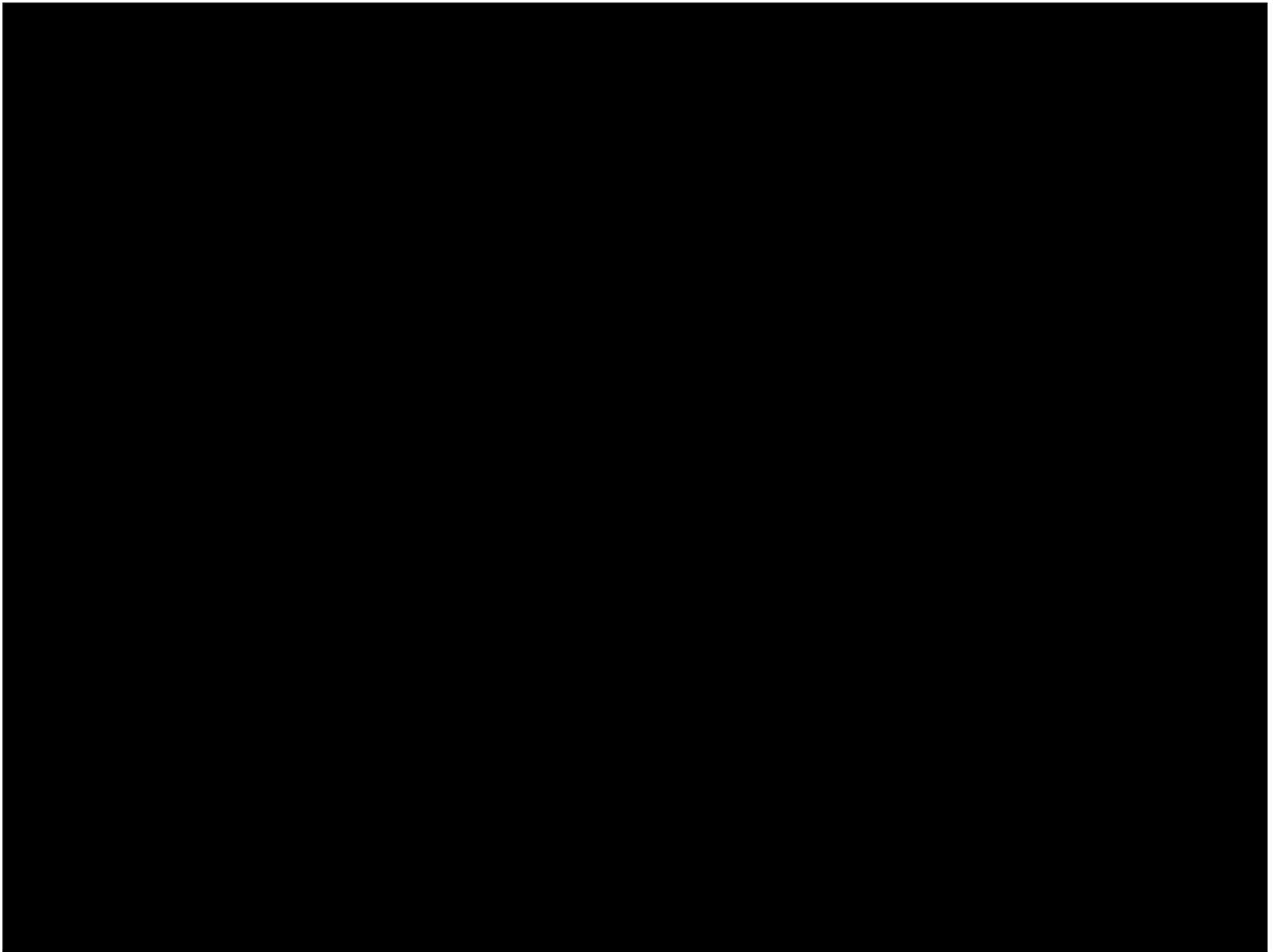
- The staff recommends that the SR-152 alignment and Wye configurations described in the Supplemental AA be carried forward and evaluated in the San Jose to Merced Draft High-Speed Train EIS/EIR

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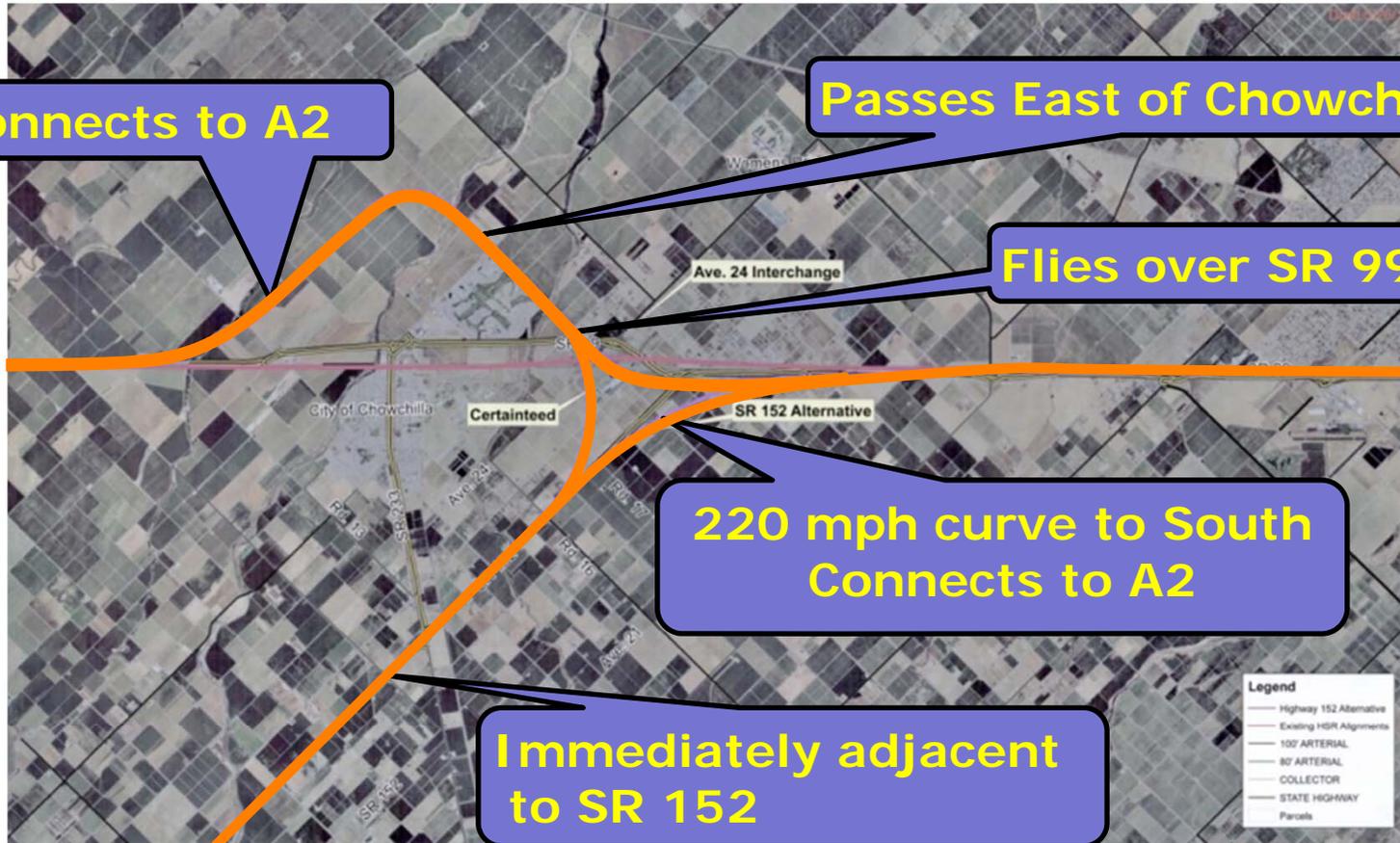
Next Steps San Jose - Merced Section



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POH Recommended HST Alignment



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