Northern California Region

Local Policy Maker Group
October 28, 2021
STATEWIDE UPDATE
CONSTRUCTION UPDATE

• Over 6,000 construction jobs created by September 2021

• Construction tours available
  Contact Rachel Bickert: Rachel.Bickert@hsr.ca.gov

• For more information: https://buildhsr.com/construction_update/
<table>
<thead>
<tr>
<th>Project Section</th>
<th>Draft EIR/EIS</th>
<th>Projected ROD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bakersfield to Palmdale</td>
<td>Complete (February 2020)</td>
<td>Complete</td>
</tr>
<tr>
<td>Burbank to Los Angeles</td>
<td>Complete (May 2020)</td>
<td>Q4 2021</td>
</tr>
<tr>
<td>San José to Merced</td>
<td>Complete (April 2020)</td>
<td>Q1 2022</td>
</tr>
<tr>
<td>San Francisco to San José</td>
<td>Complete (July 2020)</td>
<td>Q2 2022</td>
</tr>
</tbody>
</table>
EXISTING HIGH-SPEED RAIL FUNDING

California High-Speed Rail Funding

1. **$9.95 billion**
   - Bond measure
   - **2008 Proposition 1A**

2. **$2.5 billion**
   - Federal Grant
   - **2009 American Recovery and Reinvestment Act (ARRA)**

3. **$929 million**
   - Federal Funding
   - **FY 2010 Appropriations Bill**

4. **$500-$750 million**
   - per year
   - **Annual Cap and Trade Auction Market**

STATEWIDE UPDATE
CAP AND TRADE AUCTION PROCEEDS
FY 16/17 Q1 TO FY 21/22 Q1

$ in millions

AB-398 Adjustments
C&T Proceeds
C&T $750M/yr.
C&T $500M/yr.

STATEWIDE UPDATE
## COMPETITIVE GRANT PROGRAMS

<table>
<thead>
<tr>
<th>Program</th>
<th>Available $</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Intercity Passenger Rail</td>
<td>$16.1 Billion</td>
</tr>
<tr>
<td>Consolidated Rail Infrastructure and Safety Improvements (CRISI)</td>
<td>$10 Billion</td>
</tr>
<tr>
<td>National/Regional Significance (Mega Project)</td>
<td>$10 Billion</td>
</tr>
<tr>
<td>Rebuilding American Infrastructure with Sustainability and Equity (RAISE)</td>
<td>$7.5 Billion</td>
</tr>
<tr>
<td>Infrastructure for Rebuilding America (INFRA)</td>
<td>$8 Billion</td>
</tr>
<tr>
<td>Rail/Highway Crossing Elimination</td>
<td>$5.5 Billion</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$ 57.1 Billion</strong></td>
</tr>
</tbody>
</table>
PROPOSITION 1A APPROPRIATION

• In May, the Governor proposed an $11 Billion transportation infrastructure package that included $4.2 Billion for high-speed rail
• In September, the Legislative session ended without agreement being reached on the transportation package
• Negotiations will continue when the Legislature reconvenes in early 2022

“We remain committed to continuing negotiations with the Legislature throughout the fall so we can come back early in the new year with a resolution that ensures California is well positioned to put new federal funding to use to build a better transportation future in this state.”
– Governor Gavin Newsom (September 13, 2021)
Everyone at the Authority helps deliver sustainability.
This year’s focus is on how the system contributes to building an equitable future.
Envision is a 3rd Party Verified certification program for sustainable infrastructure.

Certification is based on an iterative points-based framework.
Summary available here: https://hsr.ca.gov/programs/green-practices-sustainability/sustainability/
95% of ALL Construction and Demolition Waste Diverted From Landfills

100% of concrete and steel
REDUCING VMT IS A CRITICAL CONTRIBUTION OF THE SYSTEM
CONCENTRATING LAND USE AROUND HSR STATIONS IS VITAL FOR CALIFORNIA’S CLIMATE GOALS

The system could result in substantial GHG reductions necessary for the state to achieve its ambitious goals.
**PUBLIC REVIEW PERIOD SUMMARY**

<table>
<thead>
<tr>
<th></th>
<th>San Jose to Merced</th>
<th>San Francisco to San Jose</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Comment Period</strong></td>
<td>April 23 – June 9</td>
<td>July 23 – September 8</td>
</tr>
<tr>
<td><strong>MeetHSRNorCal.org Visitors</strong></td>
<td>&gt;100</td>
<td>&gt;800</td>
</tr>
<tr>
<td><strong>Millbrae Community Meeting Participants</strong></td>
<td>N/A</td>
<td>55</td>
</tr>
<tr>
<td><strong># of Submissions</strong></td>
<td>14</td>
<td>24</td>
</tr>
<tr>
<td><strong>Comments Received</strong></td>
<td>200+</td>
<td>150+</td>
</tr>
</tbody>
</table>
RETURN TO IN-PERSON OUTREACH

NORTHERN CALIFORNIA UPDATE
FINAL EIR/EIS PROCESS

Public Review of Draft EIR/EIS & Revised/Supplemental EIR/EIS

Prepare Final EIR/EIS & Responses to Comments

Final EIR/EIS Publicly Available

Authority Board Considers Approval of Final EIR/EIS & Record of Decision

Comments received on environmental documents

CSGC, LPMG, and CWG Meetings

NORTHERN CALIFORNIA UPDATE
NEXT STEPS AFTER ROD
STAGE GATE FRAMEWORK

WE ARE HERE

INITIATE
STAGE 1
Project Initiation

PRELIMINARY ENGINEERING & ENVIRONMENTAL APPROVAL
STAGE 2
Identify Preferred Alternative & Begin Preliminary Design

STAGE 3
Environmental Clearance, Prepare for Pre-Construction

STAGE 4
Early Works and Right-of-Way Acquisition

STAGE 5
Procurement for Construction

STAGE 6
Final Design, Construction, Testing and Commissioning

STAGE 7
Project Close Out

Source:
2020 Business Plan

NORTHERN CALIFORNIA UPDATE
WHERE ARE WE NOW - STAGE 3

• **Environmental Clearance**
  » Final EIR/EIS
  » Record of Decision (ROD)
  » Mitigation Monitoring Enforcement Plan (MMEP)

• **Prepare for Pre-Construction**
  » Advance Engineering to 30%
  » Right-of-way mapped
  » Utility relocation requirements identified
  » Choose construction delivery method

Source: 2020 Business Plan
WHAT HAPPENS NEXT

PRELIMINARY ENGINEERING & ENVIRONMENTAL APPROVAL

STAGE 2
Identify Preferred Alternative & Begin Preliminary Design
- 15% Preliminary Engineering
- Draft Environmental Impact Report/Statement (EIR/EIS)
- Evaluate range of alternatives
- Identify Preferred Alternative
- Risk assessment

STAGE 3
Environmental Clearance, Prepare for Pre-Construction
- 30% Preliminary Engineering
- Final EIR/EIS
- Record of Decision - Environmental Clearance
- Risk assessment
- Develop Procurement/ Delivery Plan
- Right-of-Way Mapping
- Identify Utility Relocations

EARLY WORKS

STAGE 4
Early Works and Right-of-Way Acquisition
- Right-of-Way acquisition
- Third party agreements - railroads, local jurisdictions, utilities
- Environmental permits - federal agencies
- Risk assessment

PROCUREMENT

STAGE 5
Procurement for Construction
- Request for Qualifications/ Proposals
- Select contractor/ award contract
- Issue Notice to Proceed
- Finalize right-of-way, third party agreements, permits and environmental mitigation

DESIGN & BUILD

STAGE 6
Final Design, Construction, Testing and Commissioning
- Contractor completes final design
- Construction initiated
- Change order management
- Construction completed
- Project tested & commissioned
- Substantial completion milestone
- Ready for track and systems

Source: 2020 Business Plan
WHAT TO EXPECT FOR STAKEHOLDER ENGAGEMENT
TRANSITION FROM STRUCTURED WORKING GROUPS: EXAMPLES UNDER CONSIDERATION

Meetings & Events

Community Meetings
Technical Coordination Meetings
Webinar(s) for General Public
Design Coordination (Neighborhood) Meetings
“Meet the Construction Contractor” Meetings
Tabling at In-Person Events

News & Notifications

Regional Newsletter
Social Media Outreach
Website Updates