



HIGH-SPEED RAIL:
**CONNECTING AND
TRANSFORMING CALIFORNIA**



**California High Speed Rail Program
Updates & Future Opportunities
11 August 2022**

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Connecting California

- **Mission:**
 - *To initiate the construction of a high-speed train system that utilizes an alignment and technology capable of sustained speeds of 200 miles per hour or greater.*
- **Phase 1**
 - *494 Miles*
 - *San Francisco to Los Angeles/Anaheim*
- **Phase 2**
 - *After Phase 1 - Extends 300 Miles*
 - *Connections to Sacramento and San Diego*

**Travels at approximately 200 mph
Up to 24 Stations**





Connecting California's Economic Regions



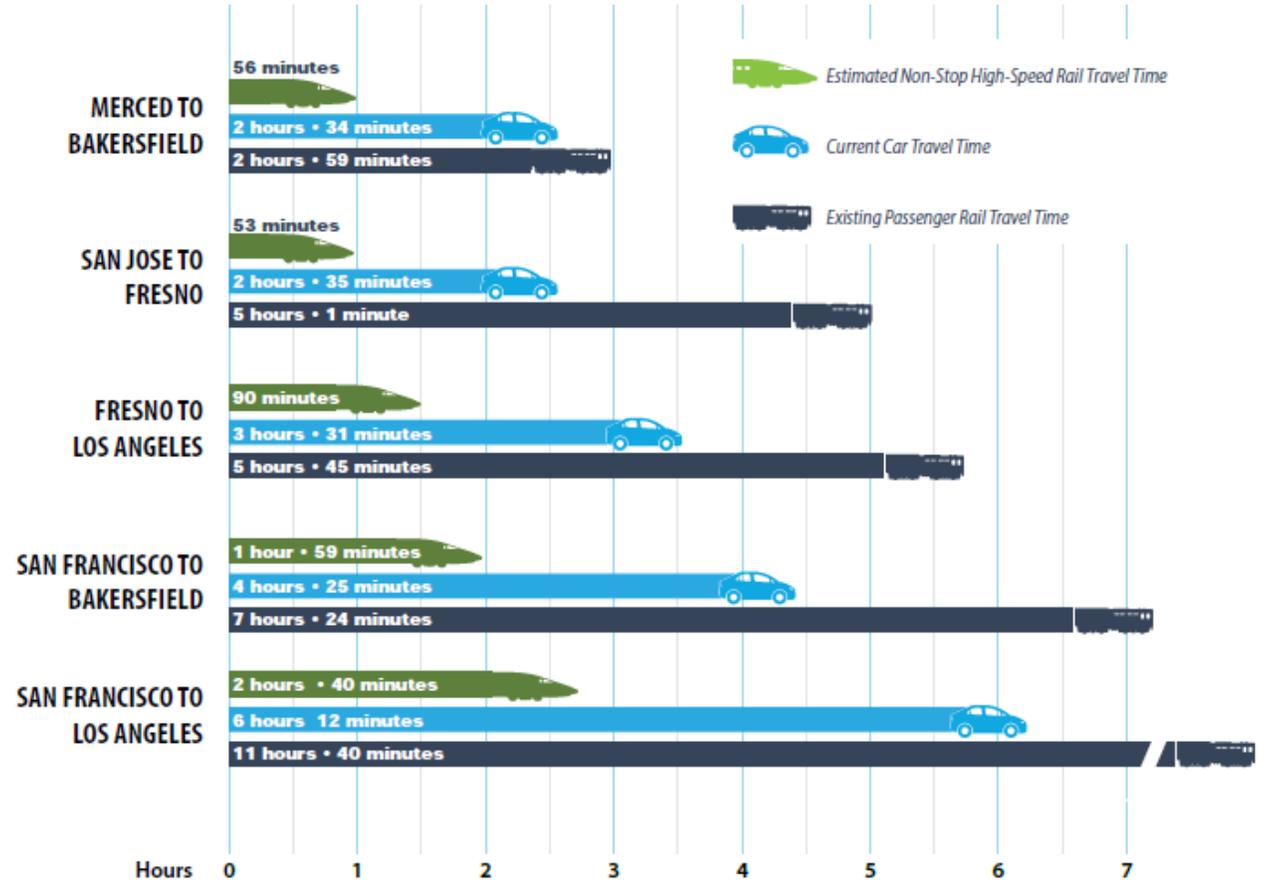
Bay Area



Central Valley



LA Basin



Economic Impact



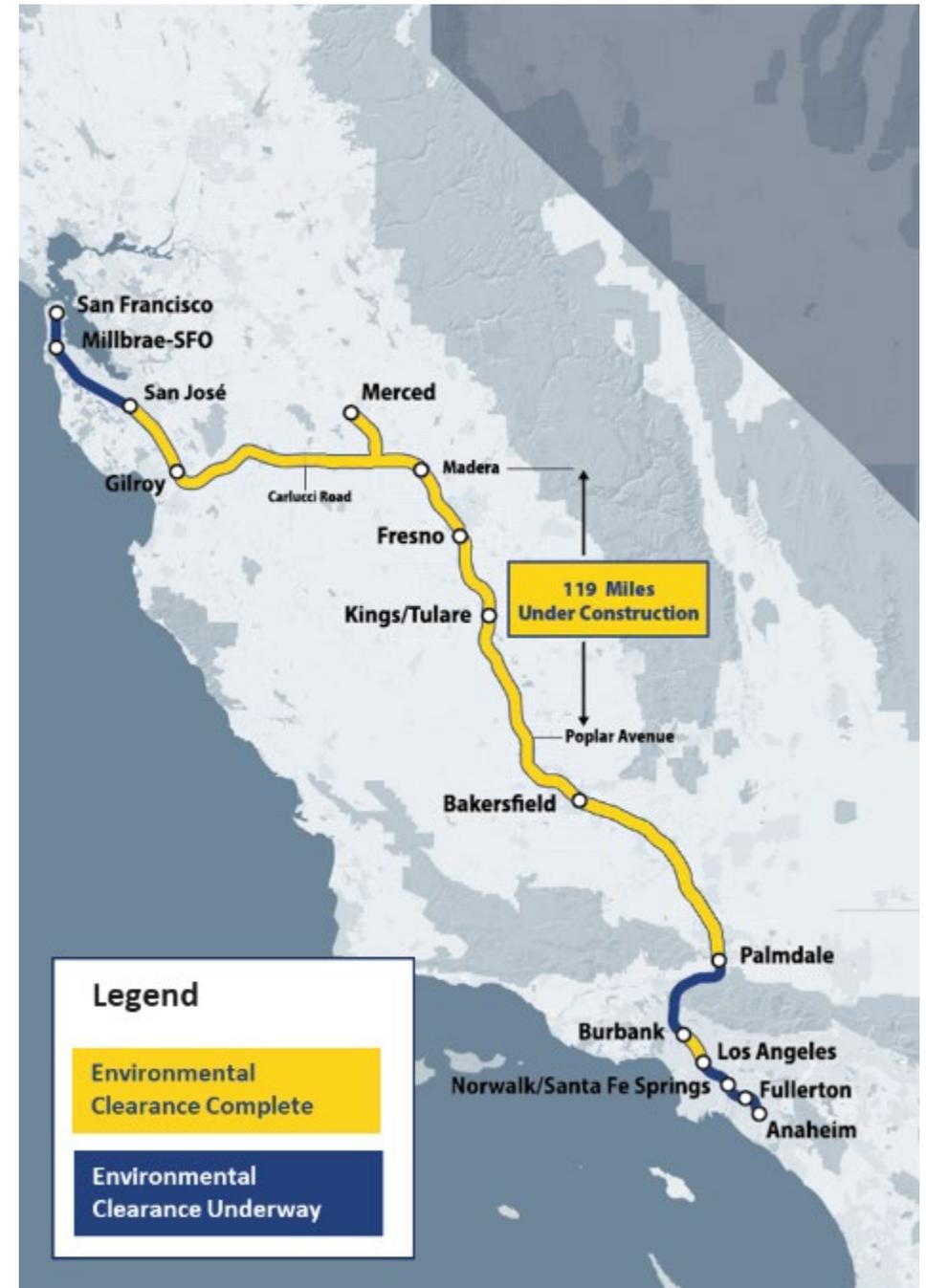
- More than 7,800 construction jobs created building high-speed rail in the Central Valley
- Generated \$12.7 to \$13.7 billion in total economic activity (through June 2021)
- 56% of project expenditures occurred in disadvantaged communities, spurring economic activity in these areas
- 698 Small Businesses Employed
 - 224 are Disadvantaged Business Enterprises
 - 79 Disabled Veteran Business Enterprises



2022 Progress

- 380 miles environmentally cleared
 - Bay Area (San Jose) to LA County (Palmdale)
- 119 miles under construction
- Commitment to complete the Merced to Bakersfield initial operating segment
- Caltrain electrification construction underway
- Advance station planning

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Construction is Well Underway

- 119 Miles Under Construction
 - Madera to Poplar Ave
 - 3 Design-Build Construction Packages
-
- Construction Package **1**
 - 32 Miles
 - **DB: Tutor Perini/Zachary/Parsons JV**
 - Construction Package **2-3**
 - 65 Miles
 - **DB: Dragados/ Flatiron JV**
 - Construction Package **4**
 - 22 Miles
 - **DB: California Rail Builders (CRB) Ferrovial-Agroman /Griffith Co JV**

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Construction Package 1-4: Active Construction

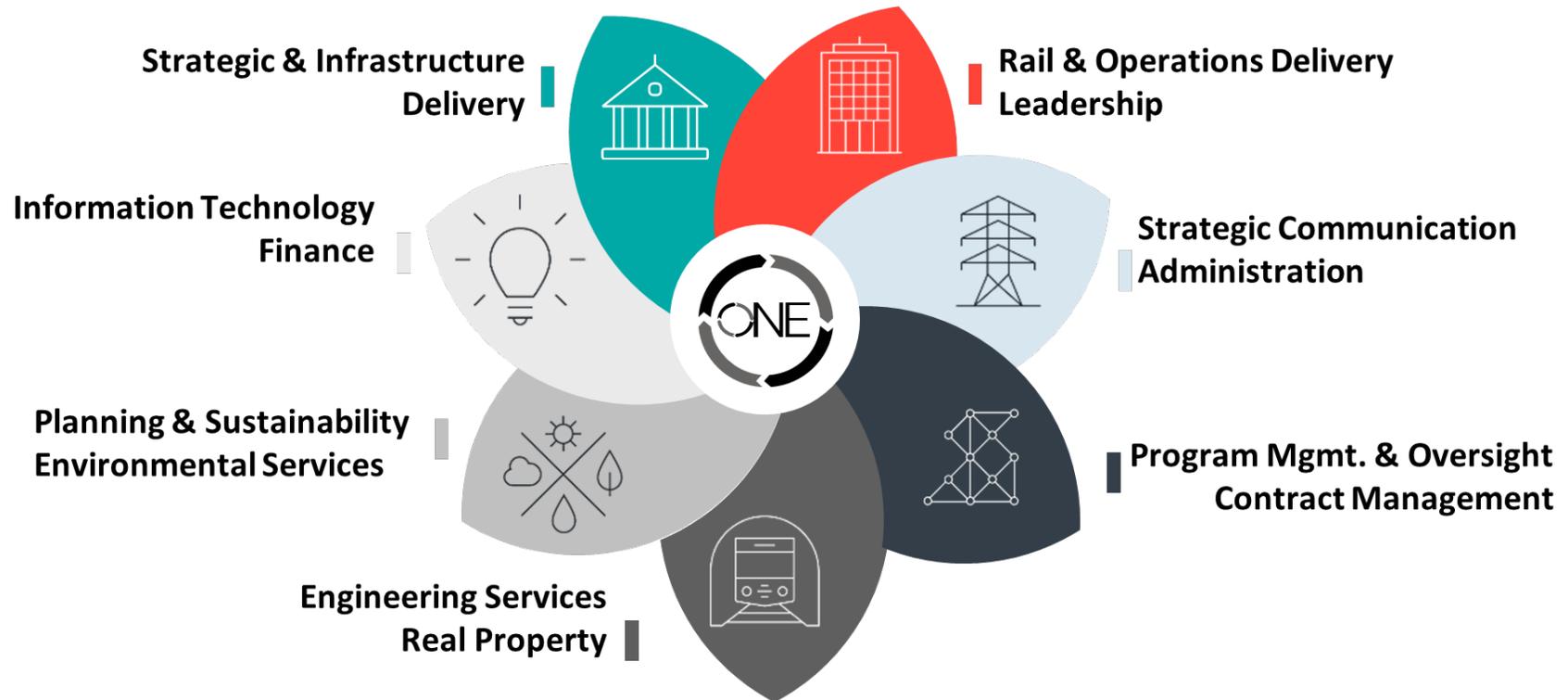
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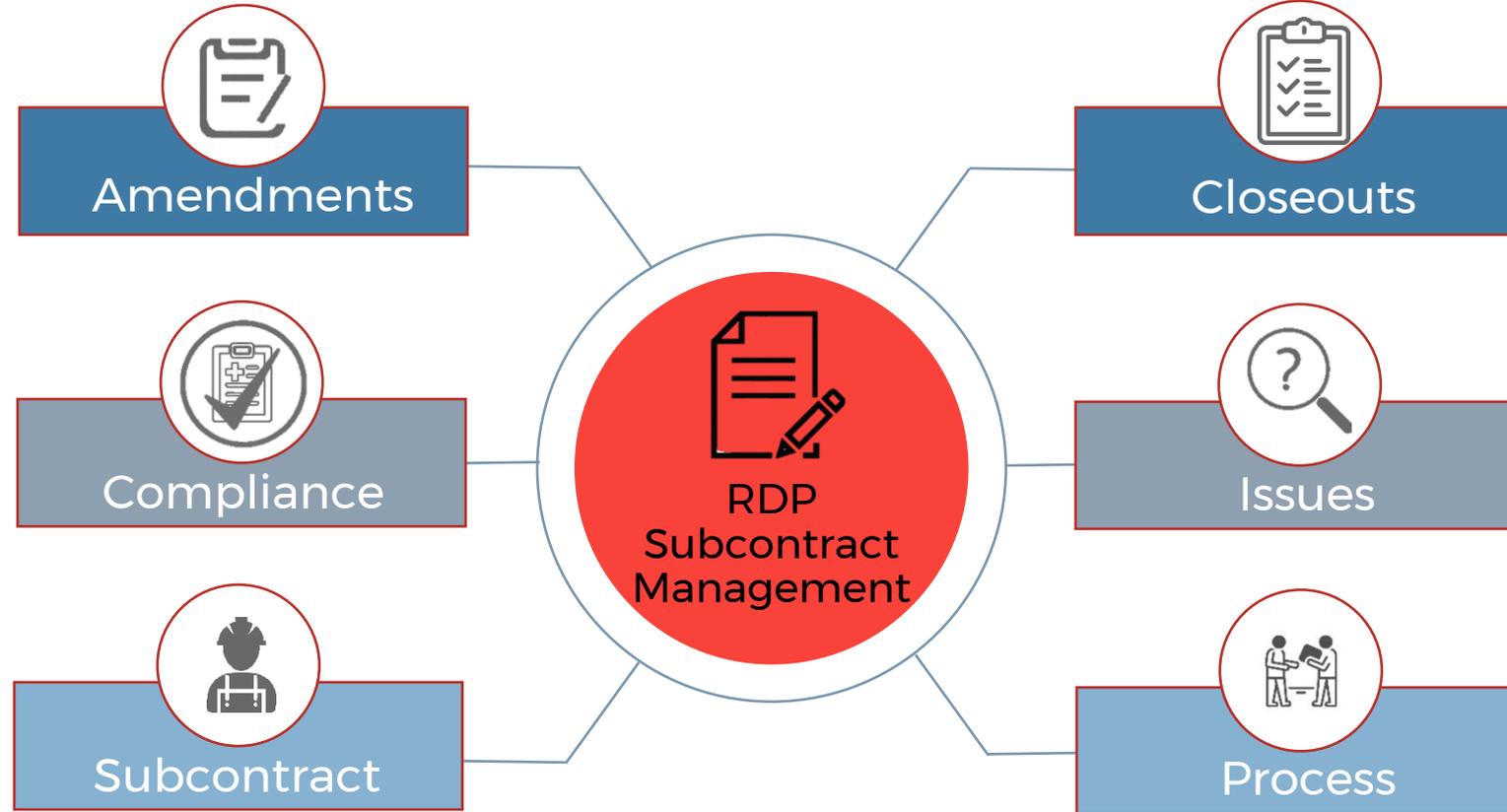


Rail Delivery Partner Contract

- 8-year Rail Delivery Partner (RDP) Contract
- July 1, 2015 – June 30, 2023
- Contract value : \$798M
- WSP prime consultant : ~100 Subcontractors



Management of RDP Subcontractors





Small Business Success on RDP Program

- Approximately eighty-nine percent of SBs exceeded original contract value
- Creation of meaningful partnerships
- Committed to growth and development of underutilized small businesses
- Several small businesses grew out of the SB program and became large businesses
- Several small businesses were acquired, and original owners were able to realize significant earnings from the acquisitions
- Outstanding outreach to small business communities:
 - ✓ Small Business Quarterly Webinar Series
 - ✓ Monthly Lunch and Learn series
 - ✓ Quarterly Small Business Meetings
 - ✓ Participated at the Business Advisory Council (BAC) Meetings
 - ✓ Meet the Primes Events
 - ✓ Partnering with and Sponsoring SBA Workshops



Procurement Opportunities

Active

– Track and Systems

- *Design-build-maintain contract with a scope of work that includes design and construction of trackwork, railway systems, and electrification, as well as testing and commissioning.*
- *Includes a 30-year term of maintenance for both the underlying civil works and the track and systems work*
- *Two JV's : California High-Speed System Partners (Siemens) , California Rail Partners (Hitachi)*
- *Proposal Due Date: September 2022*

– Program Delivery Support

- *Strategic delivery/Environmental/Real Property/Engineering/Project controls/Infrastructure delivery/Capital procurement/Commercial, Claims oversight/Quality/Process improvement/Document controls/to provide Project and Construction Management (PCM) services for civil works*
- *Contract term of four years with options to extend*
- *Contract value is approximately \$400 million*
- *30% Small Business utilization goal, inclusive of 10% DBE utilization goal and 3% DVBE utilization goal*
- *CAHSR Board on August 17, 2022 to consider awarding PDS to:*
 - *AECOM-Fluor, which includes Atlas Technical Consultants, Egis Rail S.A., Turner & Townsend, McMillen Jacobs Associates, and Jaquith Consulting Group, which will lead its 26 SB Partners*



Procurement Opportunities

Active

- Design Services for Central Valley Stations
 - *Request for Qualifications (RFQ) issued to procure an architectural and engineering contract for design services for Central Valley Stations, including Bakersfield, Kings/Tulare, Fresno and Merced.*
 - *SOQ Due Date: August 3, 2022*
 - *Contract Award: October 2022*
- Design Services for the Fresno to Bakersfield Locally Generated Alternative Project Section
 - *Design services to progress the approximately 18.5-mile Fresno to Bakersfield project section*
 - *NTP 1: \$44.9M*
 - *CAHSR Board on August 17, 2022 to consider awarding to:*
 - *HNTB Corporation, which includes Anser Advisory Management, LLC, BSK Associates, Jacobs Engineering Group, Inc., SENER Engineering and Systems, Inc., and 20 SB/DBE/DVBE firms*
- Design Services for the Merced to Madera Project Section
 - *Design services to progress the approximately 33.9-mile Merced to Madera project section*
 - *NTP 1: \$41M*
 - *CAHSR Board on August 17, 2022 to consider awarding to:*
 - *Stantec Consulting Services Inc., which includes 36 SB/DBE/DVBE firms*
- Current Design-Build Contract Opportunities

Note: All dates/scope/budget are subject to change



Procurement Opportunities

Future

- Planning & Sustainability
- Rail Operations
- Strategic Communications and Special Projects
- Design Packages for multiple stations and alignments
- Rail and Operations Delivery
- Safety and Security specific to operations
- Construction management services for track and systems and trainsets.
- High Speed Trainsets
- Electrification in Central Valley
- Information Technology Services



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Thank you!

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