



The Future of Bay Area Rail

Public Programs





CALIFORNIA
High-Speed Rail Authority

The Future of Bay Area Rail SPUR Forum

March 5, 2024

Documents and Reports



BUSINESS PLAN

- » Authority publishes a Business Plan in even years
- » Due to the Legislature May 1



PROJECT UPDATE REPORT

- » Authority publishes a Project Update Report in odd years
- » Due to the Legislature by March 1



Major Recent Accomplishments



\$3.3 billion in new federal funds



Advanced procurements to move the project toward operations



First construction package (CP 4) covering 22.5 miles in Central Valley **near completion**



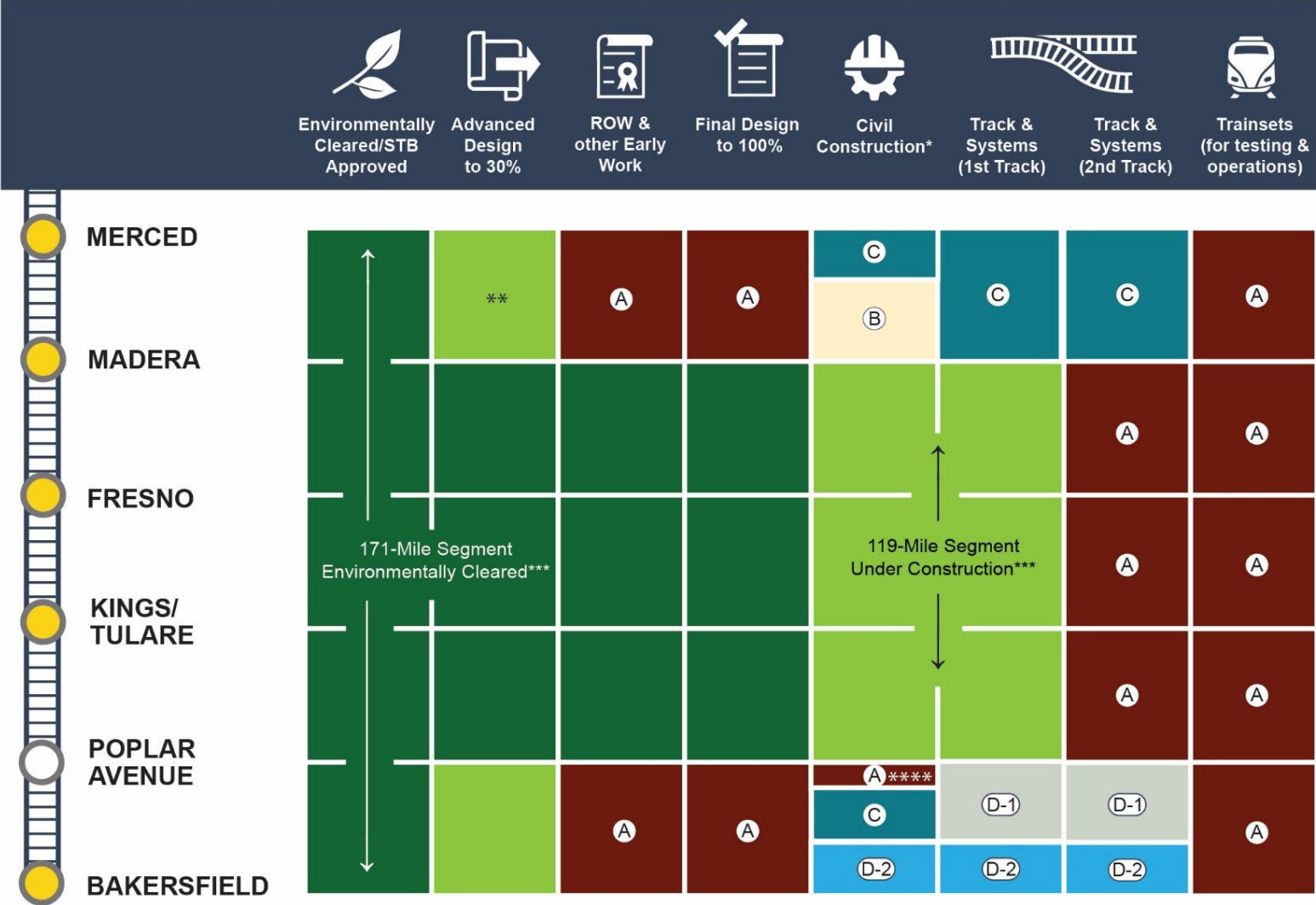
Construction jobs exceeded **12,200** and **10 new structures** opened



Designs for the extensions to Merced and Bakersfield **are on schedule**, meeting contract milestones



Key Updates – Federal Infusion of Funds



- Completed
 - Funded & Underway
 - A** PHASE A (2023): Future Federal IIJA Grants, including applications submitted & awards pending (RCE/CRISI)
 - B** PHASE B (2024): Future Federal IIJA Grants for Final Design, ROW, Civil Construction to Merced
 - C** PHASE C (2025): Future Federal IIJA Grants for Civil Construction to Merced Station, to North Bakersfield, Track & Systems to Merced
 - D-1** PHASE D-1 (2026): Future Federal IIJA Grant for Track and Systems to North Bakersfield
 - D-2** PHASE D-2 (2026): Future State and Federal Funds not currently identified to Bakersfield F Street Station
- *Full Stations Build-out will be separately procured from Civil Works Construction.
**2022 RAISE Award
***ARRA, FY 10, 2021 RAISE Grants
****2022 RCE & CRISI Application (6 Grade Separations in Shafter)

2023 Project Update Report

Getting to Operations



EIR/EIS

Merced to Fresno; Fresno to Bakersfield
Completed



Civil Construction Packages

119 miles
Underway, *completion by 2026*



Package 1

Track & Overhead Contact System
(OCS)



Track Civil
Works



Track
Bed

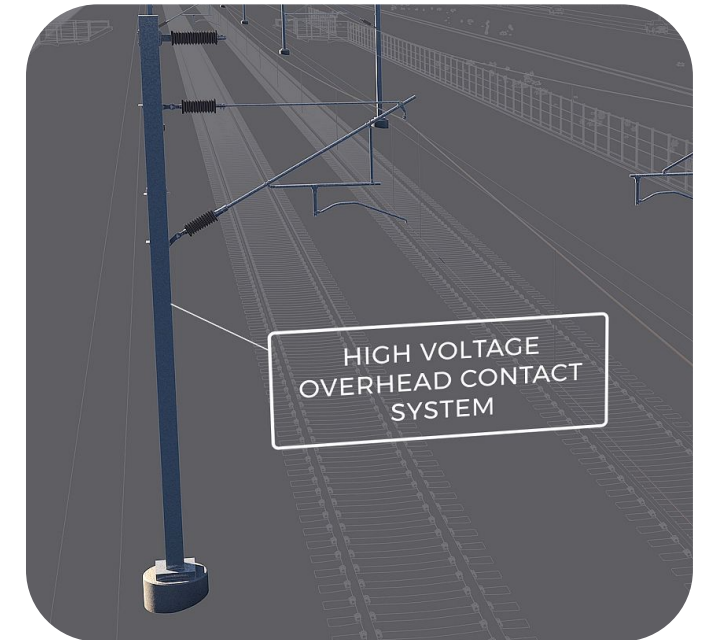


Track &
OCS

Track and Overhead Contact System

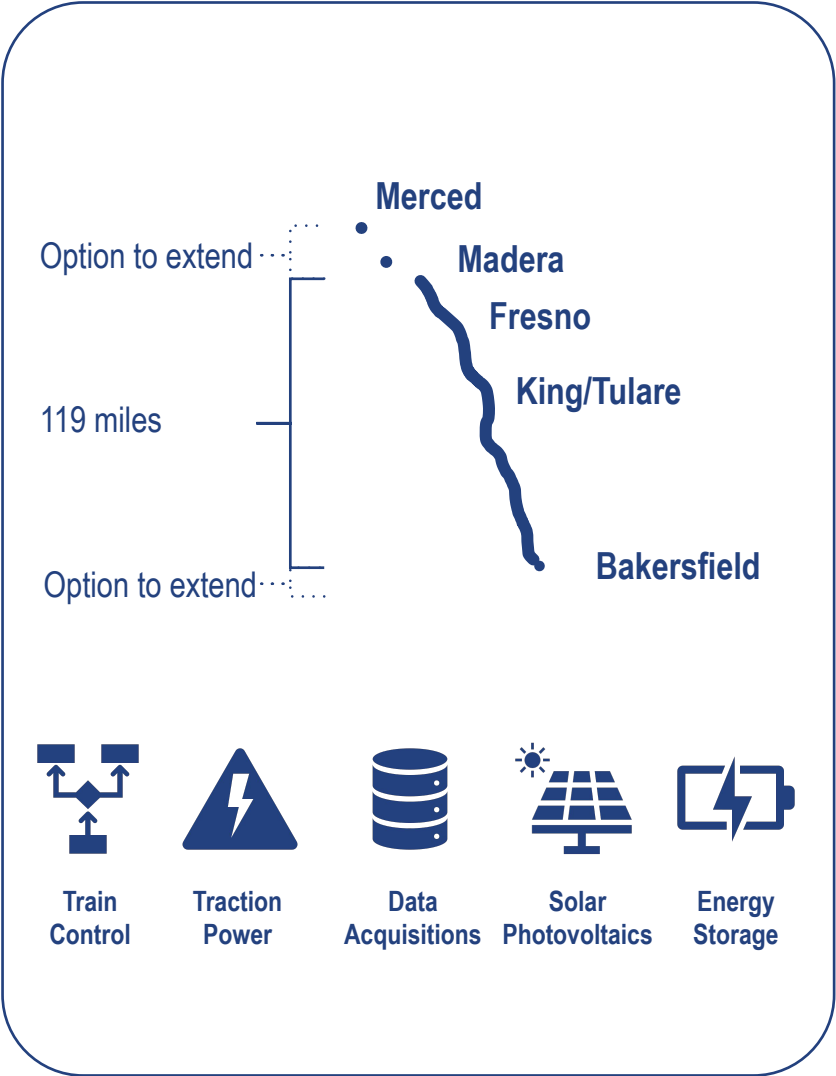
**Design Package Released November
2023**

Construction Package Planned 2024



Getting to Operations

-  **EIR/EIS**
Merced to Fresno; Fresno to Bakersfield
Completed
-  **Civil Construction Packages**
119 miles
Underway
-  **Package 1**
Track & Overhead Contact System
(OCS)
-  **Package 2**
Systems



Systems

Design and Construction Package
Planned 2024

Getting to Operations



EIR/EIS

Merced to Fresno; Fresno to Bakersfield
Completed



Civil Construction Packages

119 miles
Underway



Package 1

Track & Overhead Contact System
(OCS)



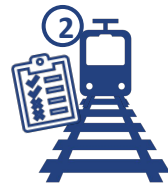
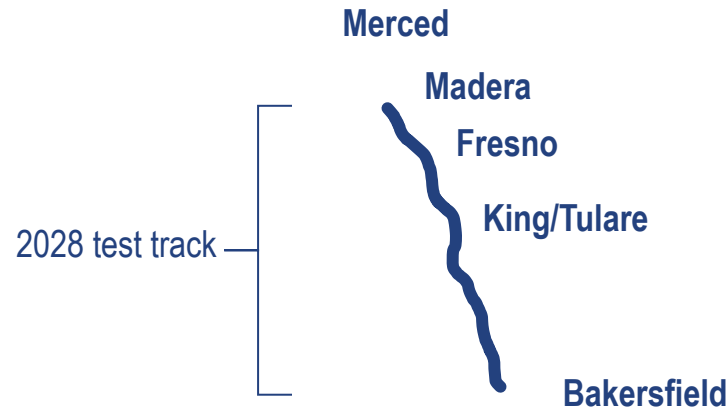
Package 2

Systems



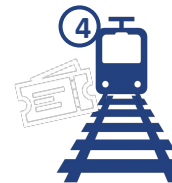
Package 3

Trainsets



Two trainsets
by end of 2028

Testing up to
242 mph



+ four trainsets
by end of 2030

Revenue service
at 220 mph

Trainsets

Shortlist:

ALSTOM **SIEMENS**

Request for Proposals Planned Q2 2024



Getting to Operations



EIR/EIS

Merced to Fresno; Fresno to Bakersfield
Completed



Civil Construction Packages

119 miles
Underway



Package 1

Track & Overhead Contact System
(OCS)



Package 2

Systems



Package 3

Trainsets



Package 4

Depots/Facilities



Additional Contracts

Program-Wide Support



Program-Wide Support

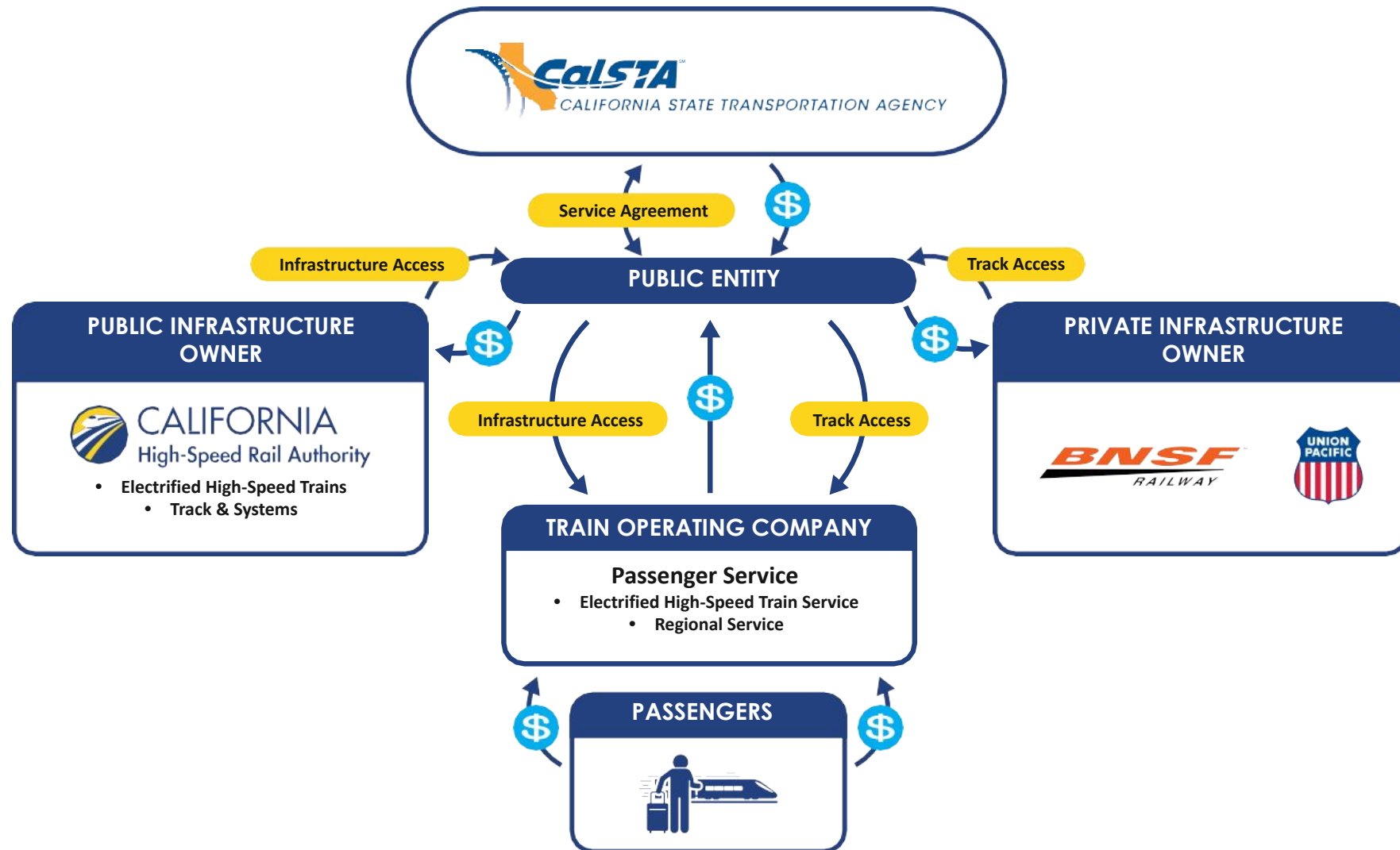
**Multiple Procurements
Planned 2024**



Depots and Facilities

Planned 2025

Early Operating Segment Business Model



Northern California



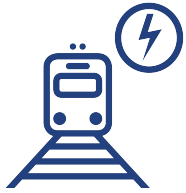
159 miles



Environmentally
cleared



Eligible to begin
advanced design



Corridor electrification
underway on 51 miles through
Caltrain Electrification Project



Segment construction
is unfunded

GOALS

- Advance design work in 2024
- Continue to engage with partners on “shared corridor” early capital investments



High-Speed Rail in Northern California

Project Development Stages

Planning



Environmental



Advanced Design



Pre-Construction



Construction



Operations



**Diridon Integrated
Station Concept**



**Northern California
High-Speed Rail**



**The Portal
(formerly DTX)**



**Caltrain
Electrification**



**Salesforce
Transit Center**

PLAN BAY AREA 2050

Business Plan Next Steps

Business Plan Schedule	
February 9, 2024	Draft Business Plan Released
February 29, 2024	Authority Board Meeting & Public Comment Hearing
March 11, 2024	Assembly Committee on Transportation Hearing
March 12, 2024	Joint Senate Transportation Committee & Budget Subcommittee No.5 Hearing
April 11, 2024	Authority Board Meeting to consider the Business Plan
May 1, 2024	Final 2024 Business Plan due to Legislature

How to Make Public Comment		
	Online	https://hsr.ca.gov/about/high-speed-rail-business-plans/2024-business-plan
	Via E-mail	BusinessPlan2024@hsr.ca.gov
	Via Zoom, telephone, or in-person	Authority Board Meeting in Sacramento on February 29, 2024
	Via U.S. Mail	California High-Speed Rail Authority Attn: Draft 2024 Business Plan 770 L Street, Suite 1180 Sacramento, CA 95814



Questions



CALIFORNIA

High-Speed Rail Authority

Headquarters

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California High-Speed Rail Authority
160 W. Santa Clara St., Ste 625
San Jose, CA 95113



SPUR Forum

March 5, 2024

Eric Eidlin, Station Planning Manager

City of San José Department of Transportation



METROPOLITAN
TRANSPORTATION
COMMISSION



Why is Diridon Station so Important?



- Already the location in the Bay Area where the greatest number of services converge
- Importance will grow significantly with the introduction of BART, HSR, and other services
- South Bay also expected to be the part of the Bay Area that accommodates the most population and job growth in coming decades.

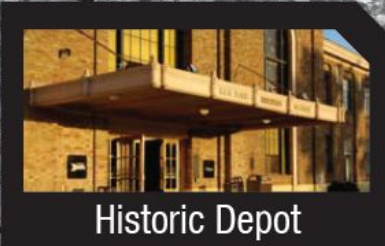
DISC Concept Layout and the Interdependent Program of Projects



CEMOF



DISC Concept Plan
and Interdependent Program
of Projects (PoP)



Historic Depot



DSAP Implementation (including Google)

Caltrain Electrification

HSR San José to
Merced Section

THE ALAMEDA

SANTA CLARA ST

SAN FERNANDO

PARK

SAN CARLOS

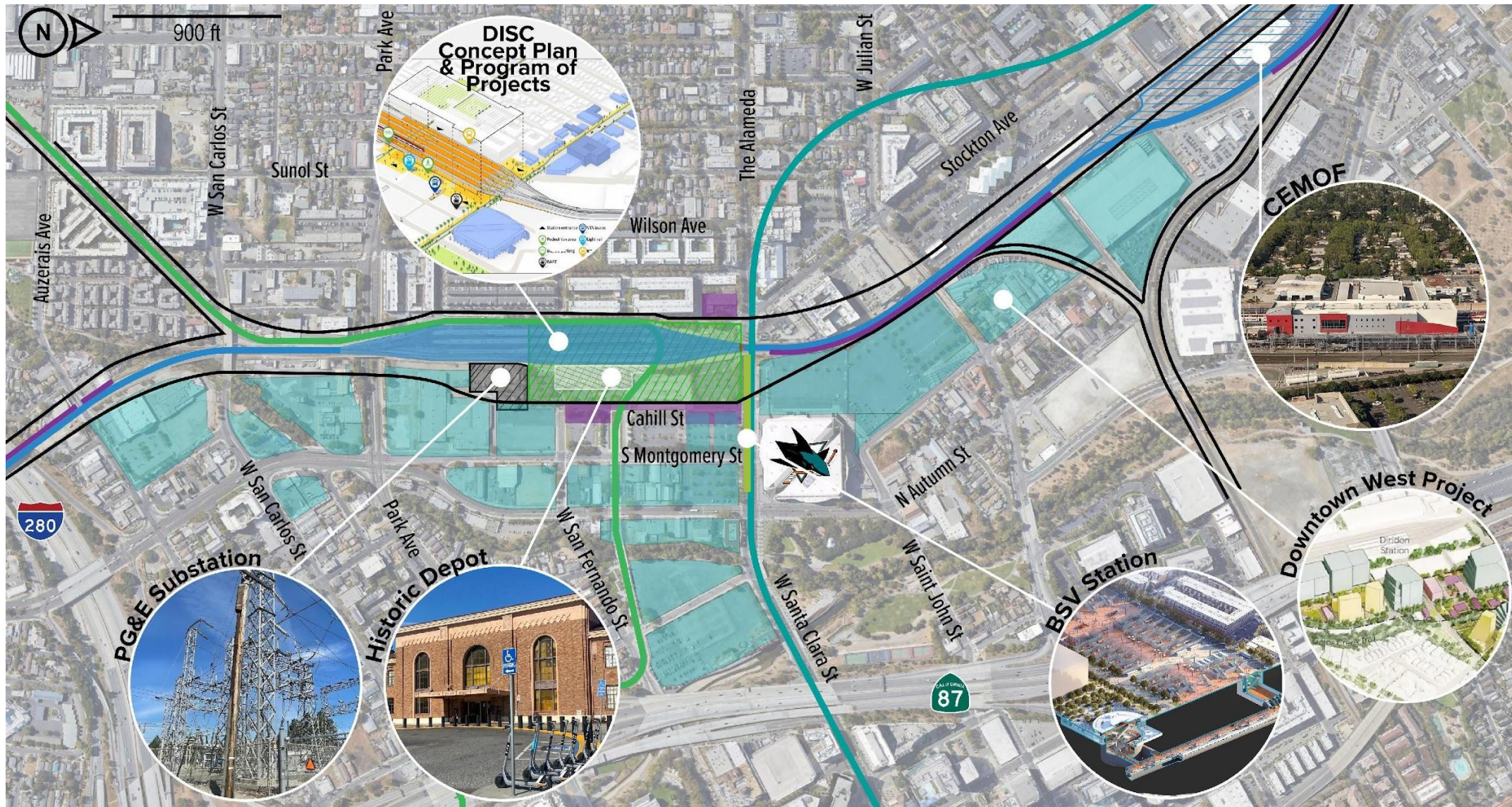
Los Gatos Creek

PG&E
Substation

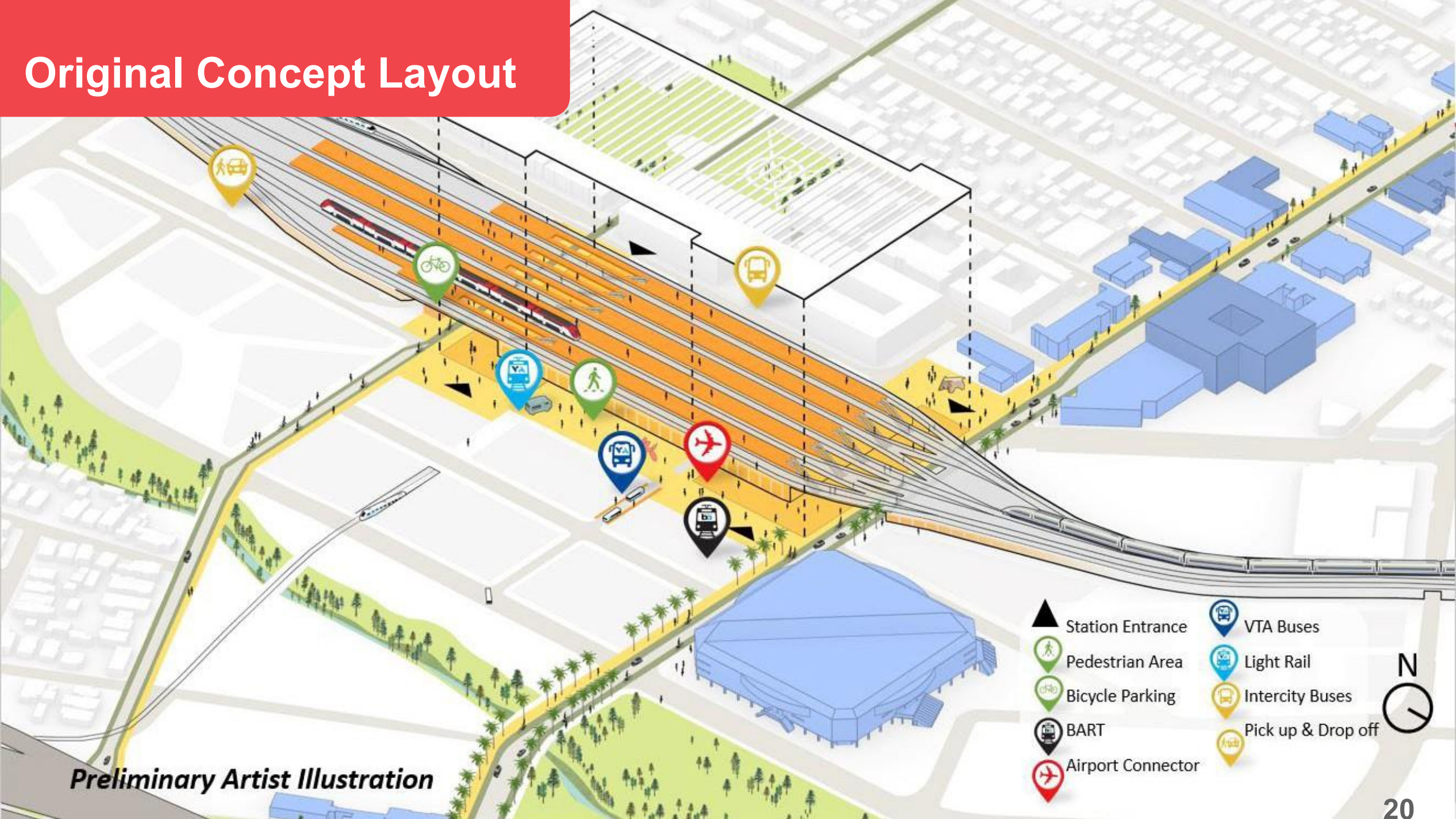
LEGEND:

- Light Rail Transit (LRT) Alignment
- BART Silicon Valley (BSV) Alignment and Station

Program of Projects and Interfaces



Original Concept Layout

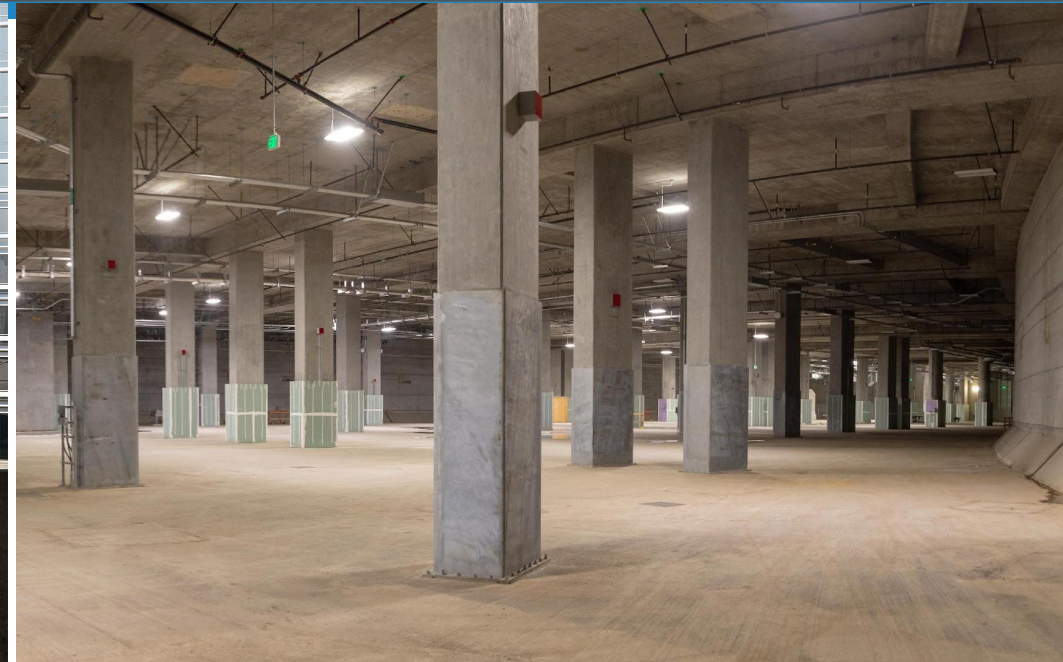


Preliminary Artist Illustration

- ▲ Station Entrance
- Pedestrian Area
- Bicycle Parking
- BART
- Airport Connector
- VTA Buses
- Light Rail
- Intercity Buses
- Pick up & Drop off



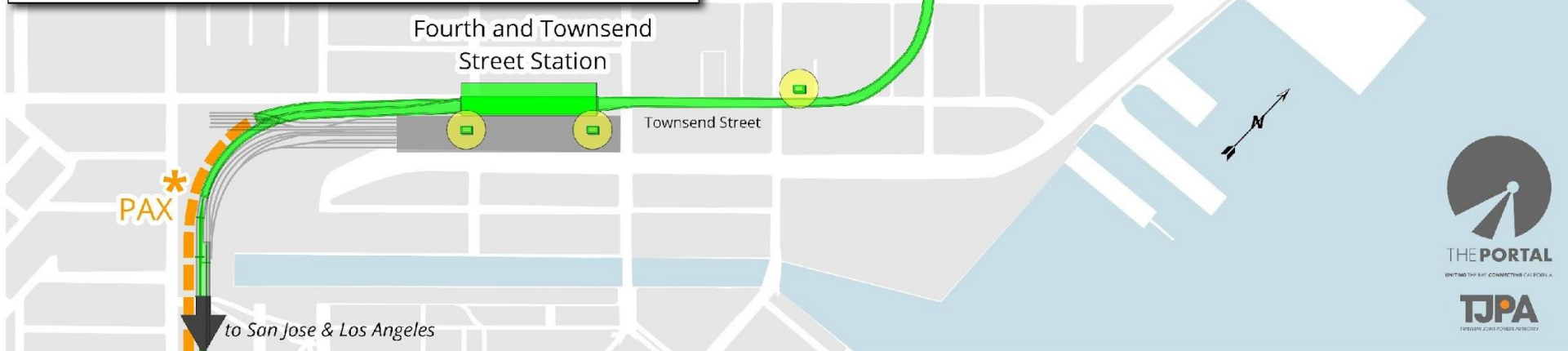
Salesforce Transit Center

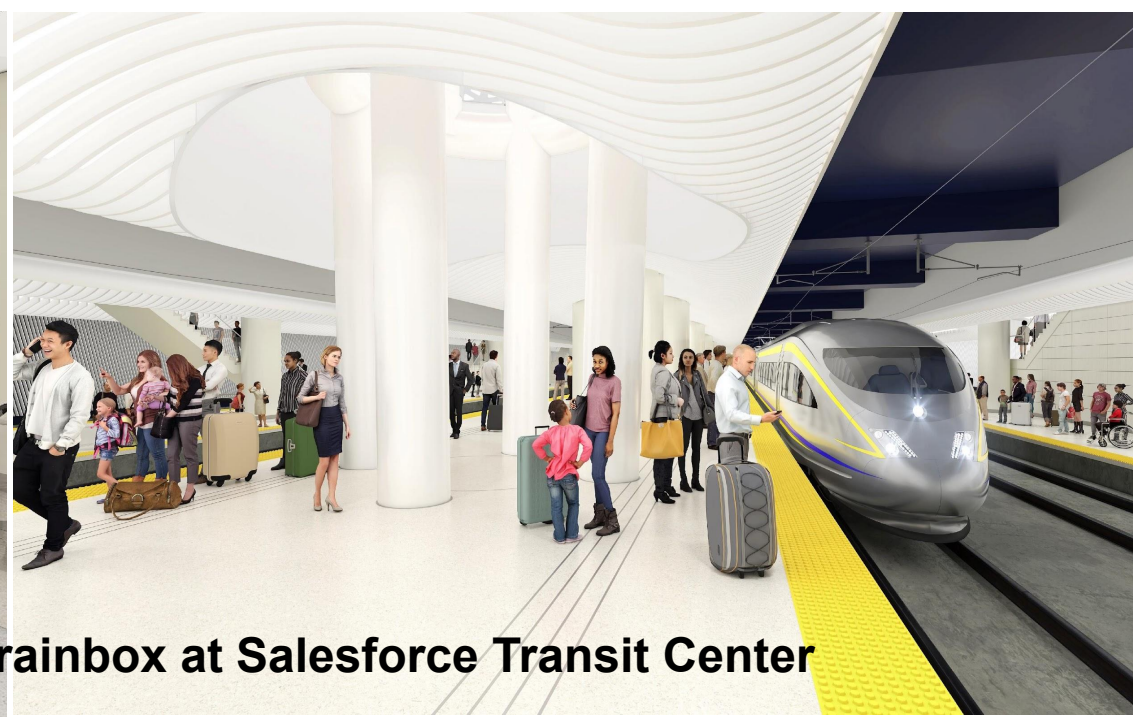
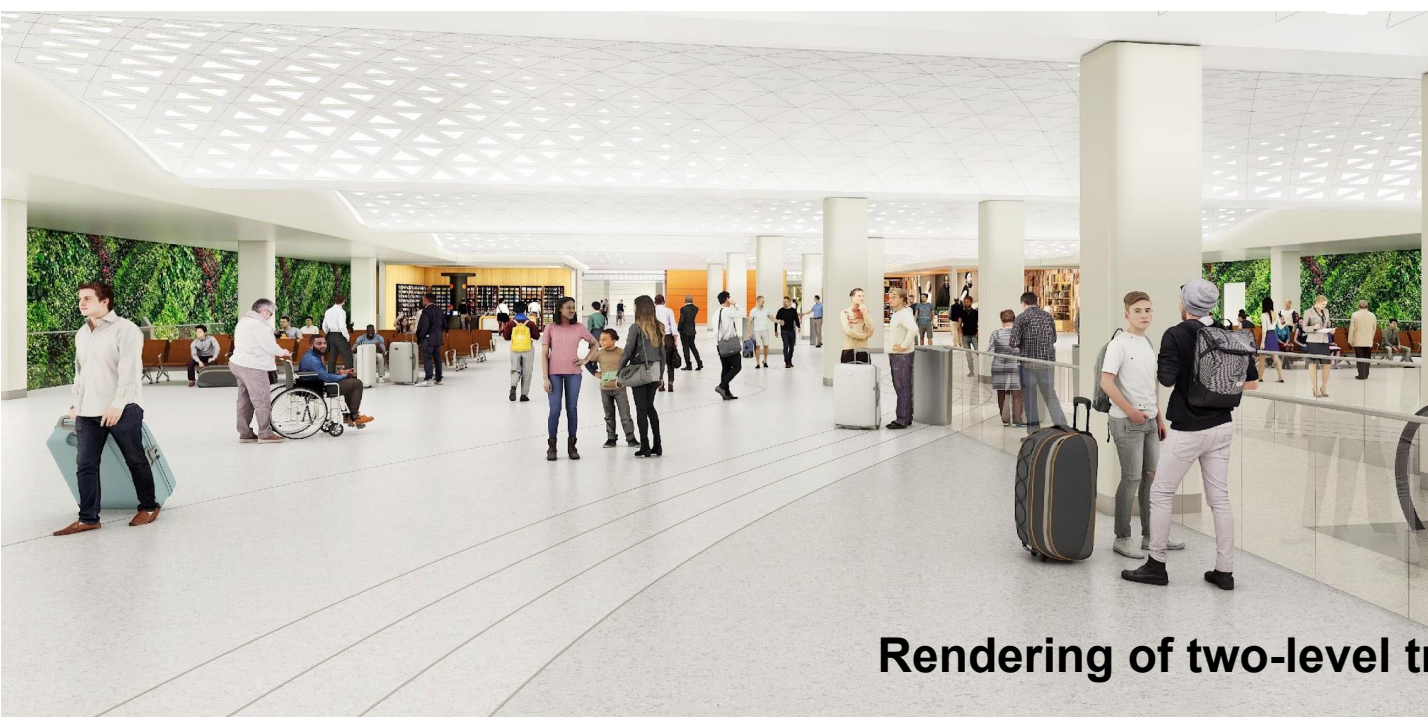


- The multimodal facility in downtown San Francisco is operational, providing transit, retail, and wellness services.
- The building occupies four blocks and consists of six levels:
 - Four levels are open to the public.
 - Two-level underground rail station will be completed as part of The Portal.
- The two-level underground train box has been built.
- Funded with a \$400 million *American Reinvestment and Recovery Act* grant
- Ready for station fit-out and rail service



The Portal - Key Regional Rail Connection





Rendering of two-level trainbox at Salesforce Transit Center