



Burlingame Broadway Grade Separation Project Update

Community Open House
November 19, 2019

Agenda

- Welcome
- Presentation
- Q&A
- Open House

Background & Purpose



3

Existing Conditions

- 28,000 average daily vehicle counts on Broadway
- 92 Caltrain weekday trains use crossing in addition to frequent freight trains
- At-grade crossing increases vehicular congestion and train delays
- Highest ranked on state's Grade Separation Priority List



4

Project Goals

- Improve safety for pedestrian, bicyclist, motorist, and trains
- Enhance east-west connectivity
- Improve traffic flow and reduce congestion and emissions
- Safe rail operations
- Improve customer experience with new station
- Eliminate holdout rule and restored weekday service

Project Overview

Project Location



North of Oxford Rd. to North of Oak Grove Ave. ~ 1.5 miles

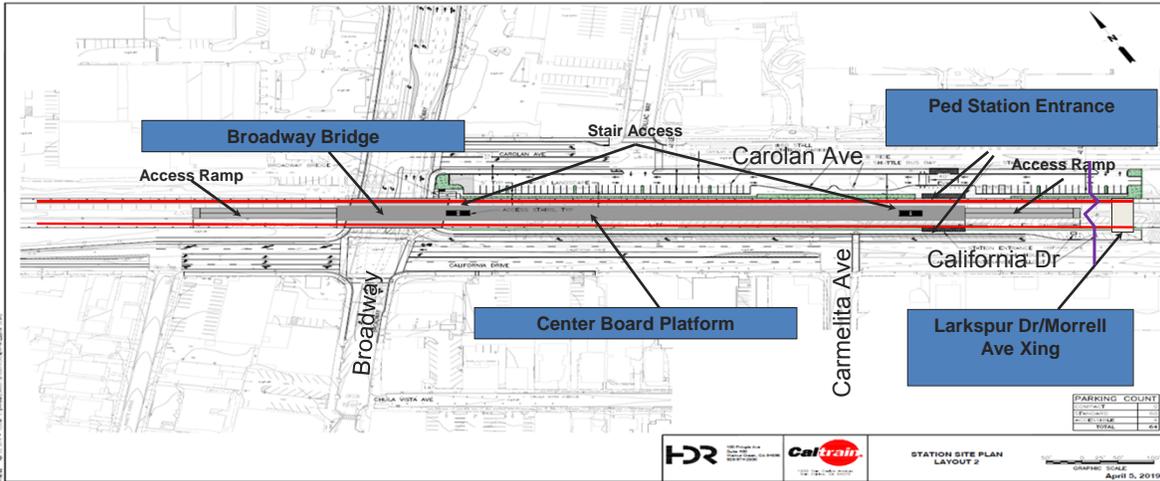


Project Elements

- Railroad to be partially elevated and adjacent roadways (Broadway, Carolan and California) to be partially lowered
- New station with centerboard platform, ADA ramps and stair access
- Station parking on east side of tracks with access to/from Carolan Ave.
- Temporary shoofly tracks east of the existing mainline
- Grade separated vehicular, ped/bike crossing at Broadway
- New ped/bike underpass at Carmelita Ave.
- Grade separated ped/bike crossing at Morrell Ave.



Project Elements



Project Cost & Schedule



Project Cost

Funding not available at this time

Phase	Est. Cost (in thousands)
Project Study Report	\$1,000
Preliminary Engineering	\$4,550
Final Design/Environmental Permits	\$19,838
Right of Way/Utilities ¹	\$24,000
Construction ^{1,2}	\$277,302
Total	\$326,690

1. Costs are dependent on future funding allocations, escalation, and coordination with other corridor projects and resources
 2. Construction costs are based on midpoint of anticipated work per estimated expenditure schedule.



Project Schedule (Funding Dependent)

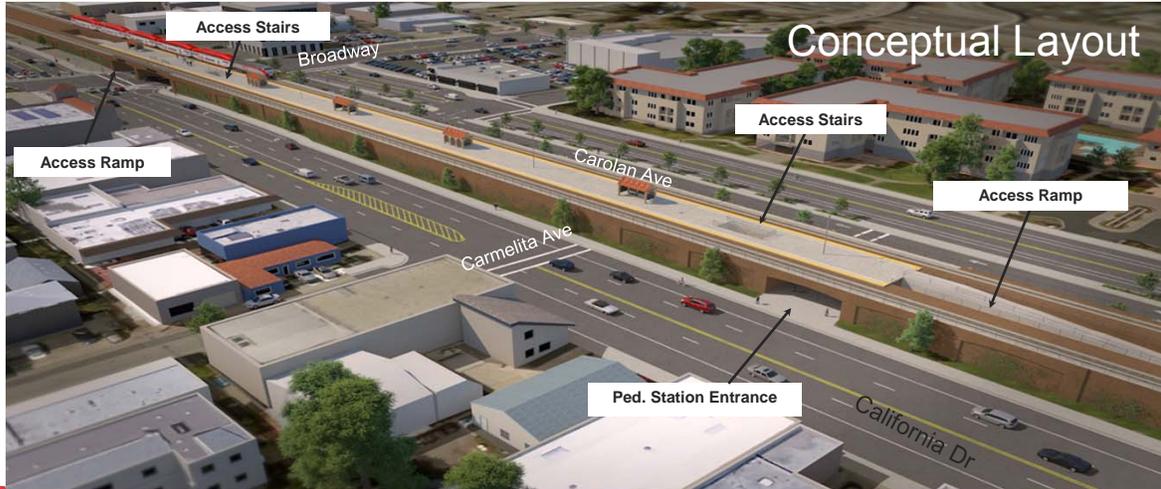
Funding not available at this time

Description	Start	Finish
Project Study Report	Jan 2014	Jan 2017
Preliminary Engineering/ Environmental Review	Mar 2017	June 2020
Final Design	Mid 2020	Mid 2022
Right of Way/Utilities*	Mid 2021	Mid 2023
Complete Design, Advertise & Award*	Mid 2022	Early 2024
Construction*	Early 2024	Early 2027

* Dependent on future funding and coordination with other corridor projects and resources



Project Overview



Renderings are schematic only. Project aesthetic (color, finishes, and furniture) will be defined during final design.

Grade Separation



Renderings are schematic only. Project aesthetic (color, finishes, and furniture) will be defined during final design.

Grade Separation: Broadway & California Dr.



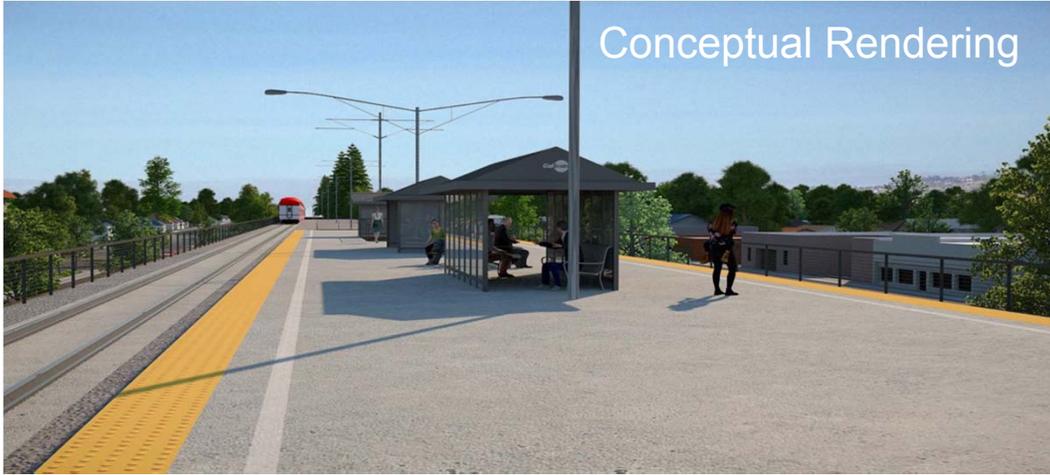
Renderings are schematic only. Project aesthetic (color, finishes, and furniture) will be defined during final design.

Grade Separation: Broadway (North)



Renderings are schematic only. Project aesthetic (color, finishes, and furniture) will be defined during final design.

Station Improvements: Center Board Platform



Renderings are schematic only. Project aesthetic (color, finishes, and furniture) will be defined during final design.

17

Pedestrian Entrance (East)



Renderings are schematic only. Project aesthetic (color, finishes, and furniture) will be defined during final design.

18

Pedestrian Entrance (West)



Renderings are schematic only. Project aesthetic (color, finishes, and furniture) will be defined during final design.

New Station Parking Lot (East)



Renderings are schematic only. Project aesthetic (color, finishes, and furniture) will be defined during final design.

New Station Parking Lot (East)



Renderings are schematic only. Project aesthetic (color, finishes, and furniture) will be defined during final design.

Elevated Tracks



Renderings are schematic only. Project aesthetic (color, finishes, and furniture) will be defined during final design.

Pedestrian Underpass: Larkspur Dr./Morrell Ave.



Renderings are schematic only. Project aesthetic (color, finishes, and furniture) will be defined during final design.

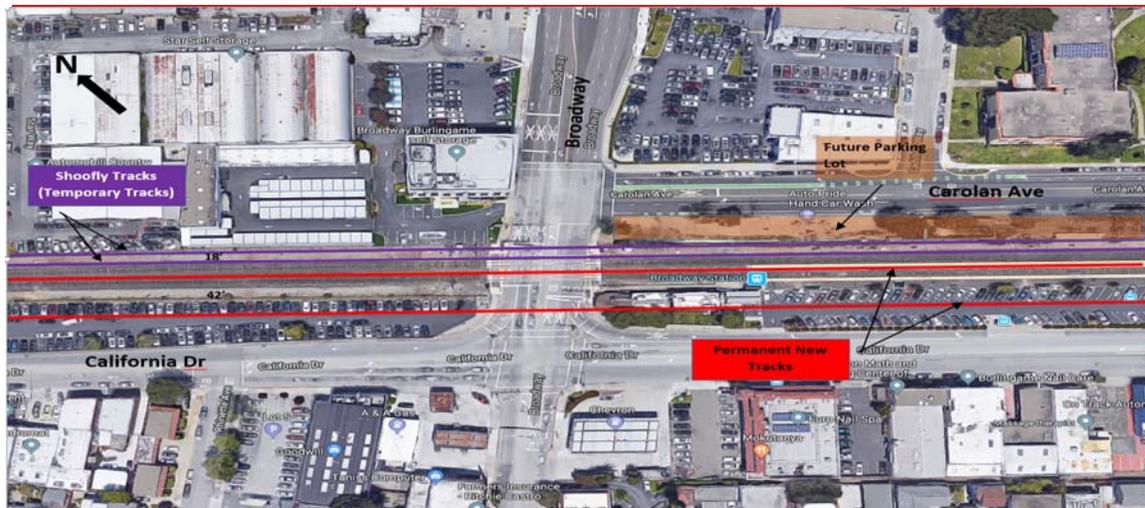
Anticipated Construction



Anticipated Construction Impacts

- Utility Relocations
- Right of Way (temporary/permanent construction & access easements, partial acquisition)
- Temporary Shoofly
- Construction (retaining wall, bridge, permanent tracks, roadway changes, station)

Temporary Shoofly



Anticipated Traffic Impacts

When Caltrain's permanent tracks are constructed and trains are operating on both new tracks and the RR bridge, the following activities and roadway closures will be required:

- Temporary Shoofly tracks will be removed
- Broadway, California Dr. (partial), and Carolan Ave.(partial) anticipated to be closed at various times during a ~8 to 12 month duration
 - Traffic will be detoured from Broadway to Oak Grove Ave.
 - Roadways will be lowered
 - Permanent roadway infrastructure will be constructed



27

Construction: Public Outreach

- Weekly Construction Updates
- Construction Notices
- Website and Social Media
- Project Distribution List
- Public Meetings (prior to start of construction, Broadway closure and major milestones)

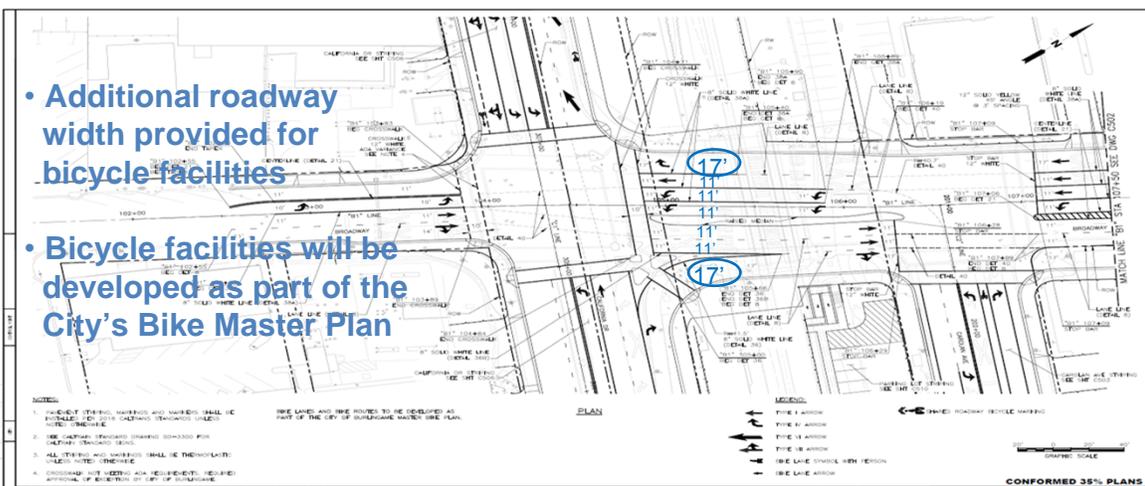


Follow-Up Items



Bike Lane Configuration

- Additional roadway width provided for bicycle facilities
- Bicycle facilities will be developed as part of the City's Bike Master Plan

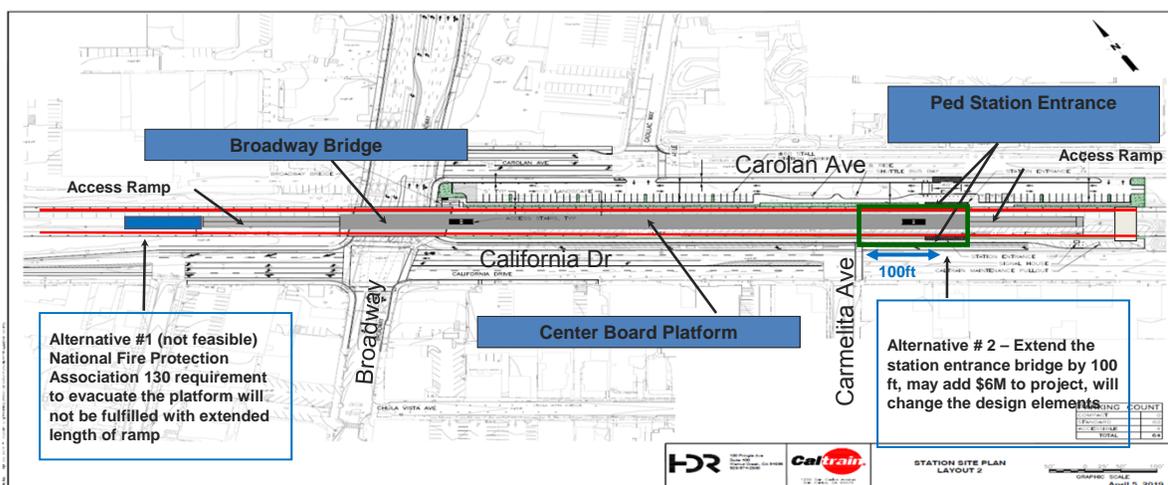


Carmelita Underpass

- Public asked about underpass alignment with Carmelita crosswalk
- Project team evaluated options
 - Alternative #1: Shift station entrance north ~100 feet
 - Alternative #2: Extending station entrance to current crosswalk
 - Alternative #3: Extending sidewalk to Sanchez



Carmelita Underpass: Alternatives #1 & 2



Carmelita Underpass: Alternative #3

Alternative #3 under evaluation



33

Additional Ped/Bike Crossing (north of Broadway)

- Project creates three grade separated ped/bike crossings
- Public asked about additional ped/bike east-west connections north of Broadway
- Project team evaluated options
 - Option #1: Undercrossing at Easton Creek
 - Option #2: Undercrossing at Star Way
 - Option #3: Overcrossing east of tracks
 - Option #4: Overcrossing west of tracks



Additional Ped/Bike Crossing (north of Broadway)



Project Next Steps

- Environment Clearance
- 65% Design
 - Public Feedback on aesthetics/landscaping options
 - Community Meetings
- Initiate Final Design
- Procurement of Funds for Next Phase

Open House Stations

Attendees are encouraged to visit the following Stations:

- Project Overview (Conceptual Renderings)
- Bicycle/Vehicular Configuration
- Pedestrian/Bike Access



Questions



Contact Information

Caltrain

www.caltrain.com/BBGS

Phone: 1 (800) 660-4287

Email: BBGS@caltrain.com

City of Burlingame

Phone: 650-558-7230

Email: awong@burlingame.org

