Marin and Napoleon Bridge Enhancements

September 2020
Agenda

1. Meeting Logistics
2. Caltrain System Overview
3. Project Overview
4. Construction Timeline
5. Community Impacts
6. Feedback/Q&A
Meeting Logistics

• All attendees are muted
• Q&A at end of presentation
  – Raise hand
  – Type using Q&A option
  – On Phone Press *9
• Recording of the presentation will be available after the webinar
Caltrain System

- 63,000 riders a day*
- 32 stations
- 77 Miles from SF to Gilroy
- 7th Largest Commuter Railroad in US
- Carries equivalent 4 lanes on 101

*Pre-COVID
Caltrain in San Francisco

4th/King Station

22nd Street Station

Bayshore Station
Project Overview

Bridge Locations

Track Work
Project Need

Napoleon St. Bridge
- Rapidly aging bridges and recent fire damage
- Bridges deemed structurally deficient; do not meet updated seismic safety standards

Marin St Bridge
- Rehabilitation
Project Scope

1. Napoleon Street Bridge
   Remove and replace the existing rail bridge

2. Marin Street Bridge
   Smaller scope, rehab work, safety enhancements

3. Track work
   Additional railroad track work from Cesar Chavez to Jerrold Ave.
Napoleon Bridge

- Micropiles
- Cellular Concrete Fill
- Removal of existing concrete girder bridges
- Replacement of Existing steel girders
- Precast Concrete Approach Slabs, Backwall Extension, Concrete In Fill Wall

Purpose:
- Inspection of Napoleon Bridge rate the bridge in poor condition. Bridge suffers from deterioration and corrosion. Bridge deck has been badly damaged due to fire damage.
- Bridge needs to be replaced in order to meet the current design criteria and required structure life.
Marin Bridge

Marin Bridge – Concrete Spall Repair, Cable Railing and Walkway Replacement, Slope Repairs, Erosion Control

Purpose:
- Enhance Safety Elements
- Rehabilitation and Maintenance Work
Trackwork from Cesar Chavez to Jerrold

Rail Replacement, Ties Replacement as needed

Purpose:
- Rail and ties replacement required for safety, maintenance and operation needs
## Projected Construction Timeline

<table>
<thead>
<tr>
<th>Project Element</th>
<th>Start of Work</th>
<th>End of Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Overall</td>
<td>Oct 2020</td>
<td>Fall 2021</td>
</tr>
<tr>
<td>Marin St Bridge</td>
<td>Late 2020</td>
<td>Spring 2021</td>
</tr>
<tr>
<td>Napoleon St Bridge</td>
<td>Late 2020</td>
<td>Summer 2021</td>
</tr>
<tr>
<td>Track Work</td>
<td>Summer 2021</td>
<td>Fall 2021</td>
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</tbody>
</table>
Community and Rider Impacts

- Caltrain riders will not be affected except;
  - 3 potential weekends in Spring 2021, where Bayshore to 4th/King will be nonoperational
  - Advanced notice will be provided
  - Free bus replacement will be provided
- Majority of work during weekdays 7am – 5pm
- Night and weekend work necessary
Stay Up To Date

- Updates posted to:  
  - [www.Caltrain.com/MarinNapoleon](http://www.Caltrain.com/MarinNapoleon)

- Project questions:  
  - [Construction@Caltrain.com](mailto:Construction@Caltrain.com)

- Construction Phone Line:  
  - (650) 508-7726

- Weekly Construction Newsletter  
  - [bit.ly/3mLCqgv](https://bit.ly/3mLCqgv)
Thank you!

Questions?