Agenda

I. Project Need, Benefits & Description

II. Construction
   - Construction Status
   - Construction Challenges

III. Contract and Budget
Project Need, Benefits and Description
Project Location
E. 25th Ave Railroad Crossing

- 92 Caltrain trains each weekday use this crossing, in addition to freight
- No. 8 on California Public Utilities Commission (CPUC) priority list for railroad crossing safety.
Project Benefits

- Enhanced East-West connectivity
- Improved pedestrian and motorist safety
- Improved traffic flow
- Fewer system-wide delays
- Support Caltrain electrification
- Improve Customer experience with new Station
- Enable future California High Speed Rail (CAHSR)
- Safe rail operations
Factors Driving Award Date

• Coordination with Peninsula Corridor Electrification Project (PCEP) required expedited Contract award:
  – Foundations Constructed as part of 25th Grade Separation (GS).
  – Poles and wires installed by PCEP
Risk Factors at Award

- Fiber Optic relocation was pending resolution of negotiations with Union Pacific Railroad (UPRR)
- Funding from CAHSR was pending
Contract Award

- Contract Awarded to Shimmick Disney JV July 2017 for $82,890,000

- Original Completion Date Jan. 2020.
Project Funding, in Millions

$ 180 Project

- Measure A: $74
- City of San Mateo: $12
- State Section 190: $10
- State HSR Prop 1A: $84

$84
Project Elements

Construct Grade Separation (elevated rails, lowered roads) between Hillsdale Blvd and Highway 92

- Five bridges
- Approx. 1 mile of Mechanically Stabilized Earth (MSE) Wall
- New elevated station at Hillsdale
Elevated Track
East-West Connection (28th Ave)
Relocated Hillsdale Station
Construction - Status
Progress

- **Bridges**
  - Beresford Creek Bridge Complete
  - Four (4) remaining Bridges substructure complete; superstructure ongoing.

- **Wall Construction**
  - North of 25th Complete this month
  - Betwn 25th and 28th Ongoing
Bridges
MSE Wall
Construction - Challenges
Project Impacts

Utility Relocation – Major Utility relocations by Utility Companies, including:

- Fiber Optic Duct Bank
- PGE Gas Line
- ATT Communication Duct Bank

Station – Relocation and opening delayed by 10 months, with an anticipated opening of June 2020
Impacts Due To Fiber Optic
Working Around Live Fiber
PG&E Gas Line Relocation
Weather Impacts

2018-2019 “Atmospheric Rivers”

- Caused Project Delays due to excess rain days
- Created significant stormwater flows requiring substantial dewatering
Weather Impacts
Contract and Budget
Contract and Budget

• All impacts from the Fiber Optic delay in 2018 have been addressed and the project schedule has been re-baselined.

• Fiber Optic delays continued through March 2019. Total Project Delayed up to 12 months. Current Anticipated Completion Date of January 2021.

• Return to this board with a recommendation to: increase Contract Authority; No additional budget needed

• No current impact to PCEP
Questions
Grade Separation (25th Ave)
East-West Connection (31st Ave)