



SAN MATEO COUNTY

**Transportation
Authority**

South San Francisco Caltrain Station Improvement Project

November 07, 2019

Board of Directors

Agenda Item #11 (c)

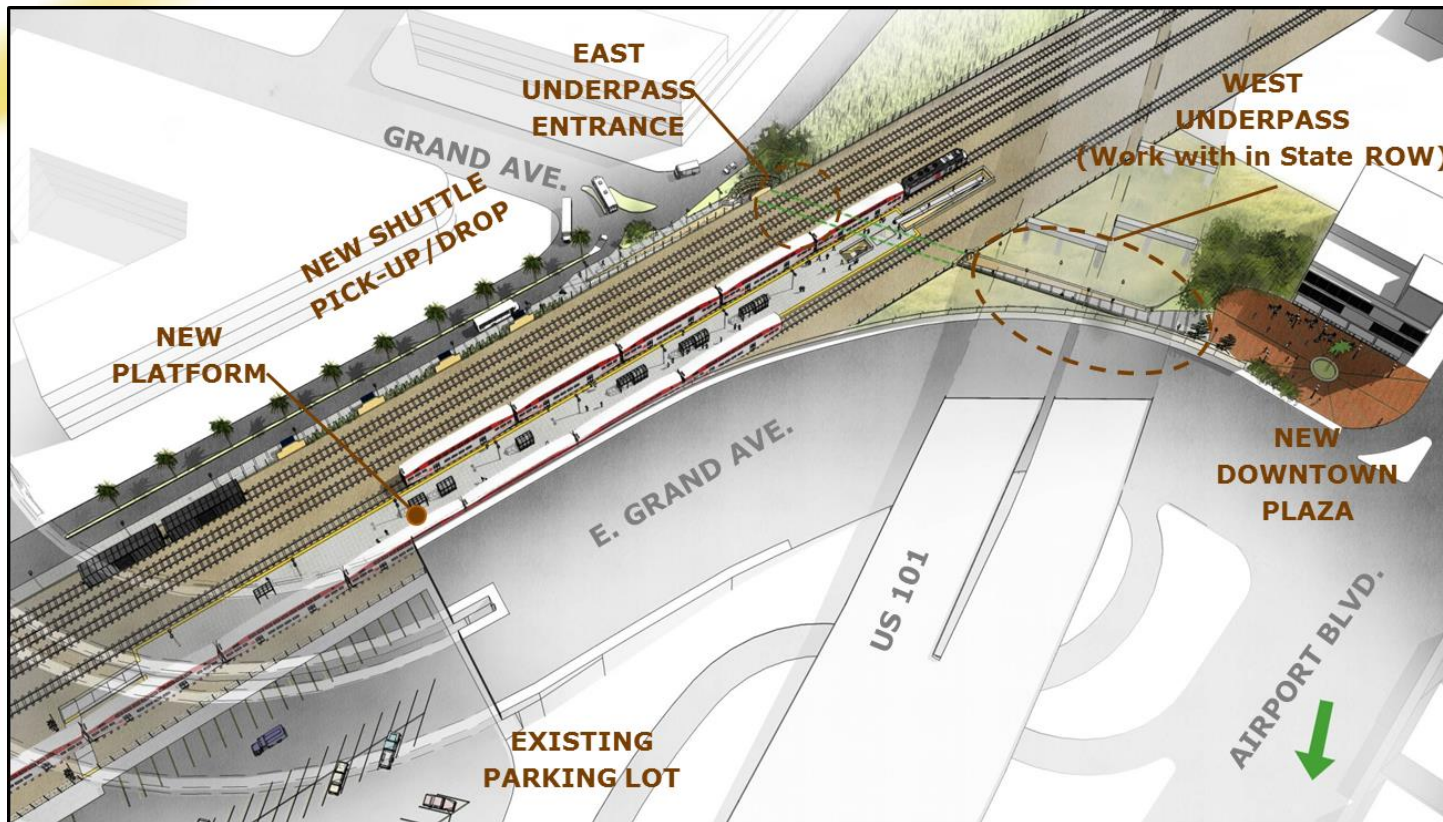


Presentation Outline

- **Project Overview**
- **Project Schedule and Budget**
- **Funding Plan**
- **Cost Variances**
- **Graphics**
- **Ongoing Construction & Next Steps**



Project Overview



- New center platform
- Pedestrian underpass
- Shuttle pick-up/drop-off
- Track and signal work
- Removal of holdout rule & ADA access



Project Schedule

Activity	Date
Bid & Award	April 2017 – August 2017
Begin Construction	November 2017 ¹
Partial Suspension	April 2018 – September 2019 ²
Complete Construction	November 2020 ³

1) Construction started November 2017

2) Construction suspended April 2018, resumed construction September 2019

3) Construction projected to be completed November 2020



Project Budget

- Original cost estimate during bid = \$55.0M
- Significant delays for required agreements, permits and utility relocations (delay approx. 1 ½ years)
- Current cost estimate November 2020 = \$71.6M



Funding Plan

Current

Proposed Update

Source

Measure A Caltrain Program	\$10.272 M
City of South San Francisco	\$5.900 M
Federal Section 5337 Program	\$38.827 M

Total **\$55.000 M**

Source

Measure A Caltrain Program	\$21.572 M
City of South San Francisco	\$9.900 M
Federal Section 5337 Program	\$38.827 M
JPB	\$1.300 M

Total **\$71.600 M**

Delays/cost escalation = \$9.8M

- Agreement/permit delays & utility relocation (\$7.1M)
- Risk register Items (\$2.7 M)

Added scope = \$6.8M

- UPRR Scope (\$4.0M)
- Plaza & undercrossing enhancements (\$2.8M)

Increase of \$16.6 million (2015 – 2019)



Variances from 2015 Cost Estimate

- Delays/Cost Escalation
 - Delayed airspace agreement and encroachment permit under 101 freeway
 - Sequential vs concurrent utility relocation
 - Inclement weather delays impacting gas line relocation
 - PG&E Bankruptcy filing (Jan 2019)
 - Contaminated soil disposal
 - Material and labor escalation costs due to construction delay
- Added Scope
 - UPRR freight storage track relocation
 - City requested plaza and undercrossing enhancements



Existing Project Conditions



Existing Platform – South San Francisco Station Boarding



West Plaza – Station Access



Renderings of West Plaza - Station Access



Pedestrian Underpass



Renderings of Underpass - Station Access



Center Platform



Renderings of Center Platform – Looking North



Station East Access – Poletti Way



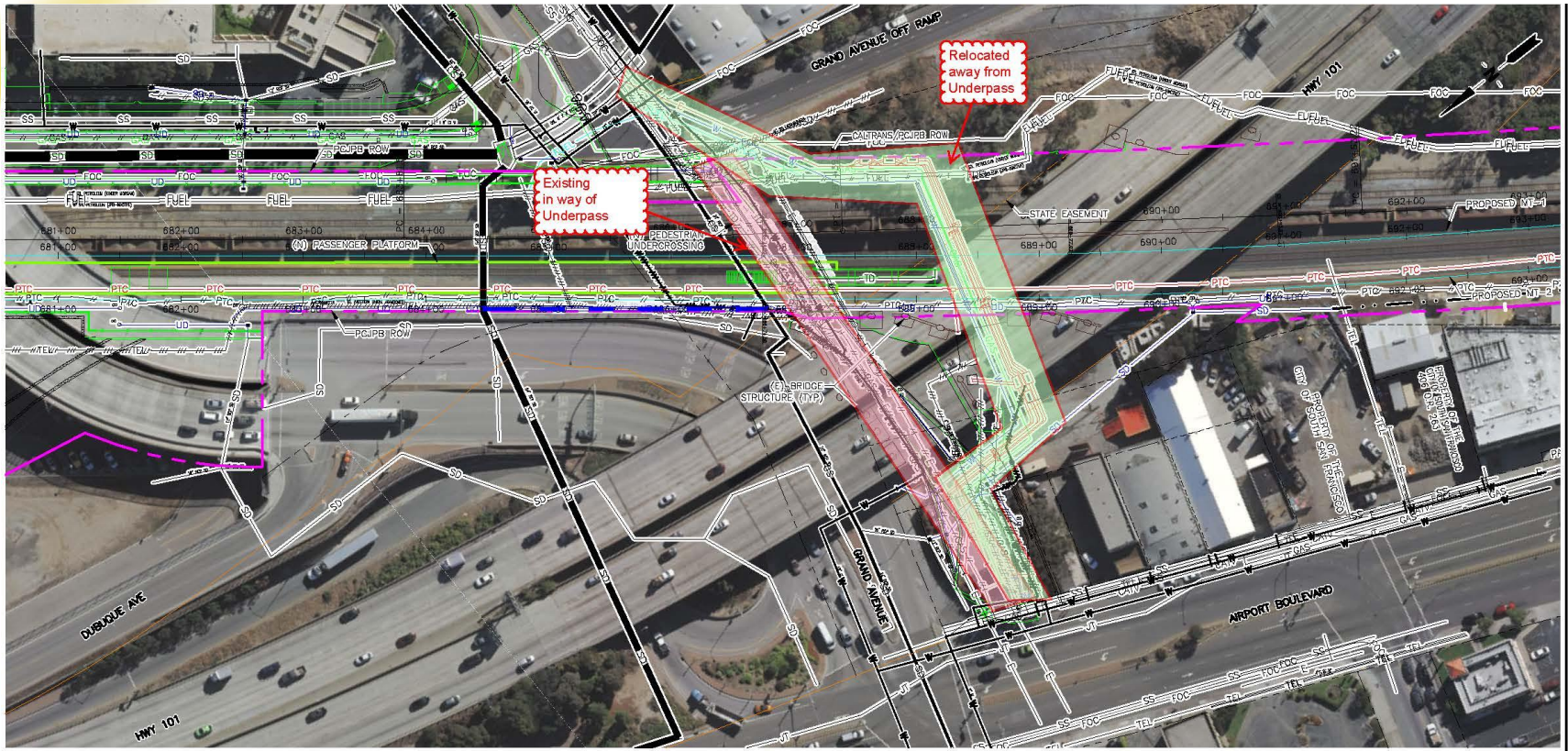
Renderings of Shuttle Drop off Area – Poletti Drive

Renderings of East Station Access – Poletti Drive





Utility Relocation Work



Red = Existing Utility; Same location as Underpass

Green = Relocated Utility; Away from Underpass



Utility Relocation Work



Shoring and Main installation - West Plaza



18 inch water main East side UPRR track



Water main tie in East Grand Ave.

CalWater Relocation – completed April 2019



Utility Relocation Work



Routing from Splice box to termination point



Splice boxes on Grand Avenue

PG&E Electric Relocation – completed Sept. 2019



Field Work Status

Completed Work	<ul style="list-style-type: none">• Utility relocations• Shoofly construction (MT1 and MT2)• PTC signal cable cutover• Geotechnical investigations• Signal cable inspections
Work in Progress	<ul style="list-style-type: none">• OCS foundations• Street improvements (Poletti Way)
Future Work	<ul style="list-style-type: none">• Remobilize equipment and crews• Ramp & pedestrian underpass• Center platform• Shuttle drop off area• Signal improvement• Additional plaza improvements



Next Steps

- Secure additional funding (TA, SSF)
- Continue construction: *OCS foundation, street improvement work at Poletti Way*
- Remobilize equipment and crews for critical path work
- Resume construction of SSF station improvements and pedestrian underpass



Questions?