



# 25<sup>th</sup> Avenue Grade Separation Update and Request for Additional Funds

# Agenda Slide

- The Project
- Project Background
- Project Status Update
  - Budget and Schedule Update
- Requested Board Action



# Project Location





# Project Benefits

- East West Access
- Economic Development
- Roadway/Railroad Safety
- Benefit of Completing Project Pre-Electrification

# Project Background

- Project developed by City of San Mateo
- Final \$180 Funding Secured in 2016-2017
  - SMCTA-\$74
  - CPUC-\$10
  - CSM-\$12
  - CHSRA-\$84
- Only project to receive CHSRA (High Speed Rail Authority) Grade Separation funding

# Project Background (cont'd)

- Timing of project construction is to precede Caltrain electrification
  - If project were to delay until after electrification, will likely lose CHSRA funding
  - Completing project post-electrification would cost \$250M (in 2027)
- Project is complex and much has been completed
  - Construction contract was awarded concurrent with utility relocation and permitting. Delays in utility relocation due to UP negotiation has caused cost and delay to the project since Dec 2017 to April 2019.

# Project Update

- Project is 85% complete
- Track is completely separated from vehicular traffic
  - Train service on the berm and bridges since July 2020
- Hillsdale Station work is ongoing-projected opening Spring 2021
- Road work progressing with phased completions
  - 28<sup>th</sup> Avenue-January 2021
  - 25<sup>th</sup> Avenue- June 2021
  - 31<sup>st</sup> Avenue-September 2021



# Project Update (Photos)



28th Ave



28th Ave



# Project Update (Photos)



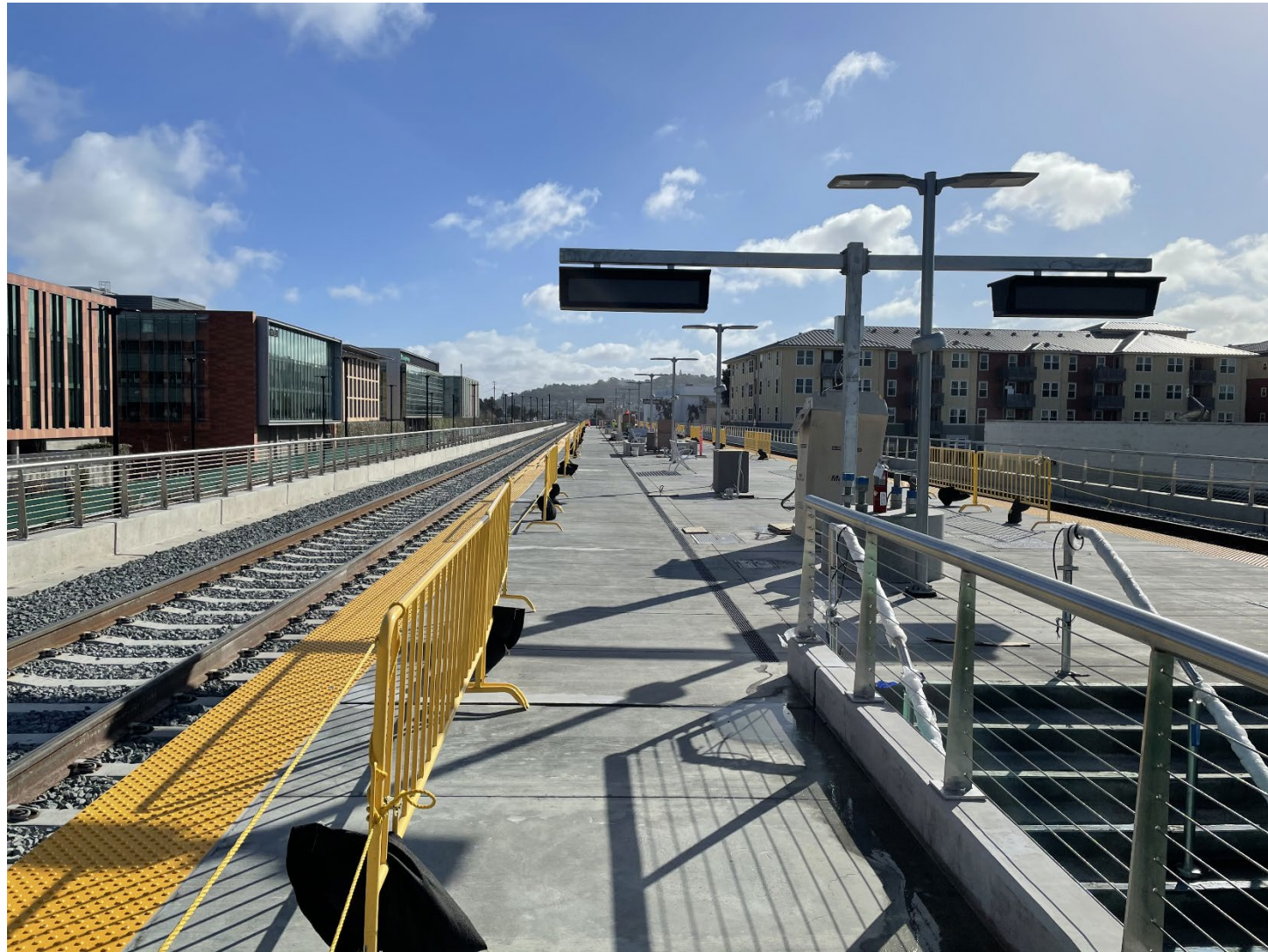
31<sup>st</sup> Ave



31<sup>st</sup> Ave



# Project Update (Photos)



**New Hillsdale Station**



**Pedestrian Underpass Bridge**



# Project Update (Photos)



South Parking Lot



North Parking Lot



# Project Schedule Overview

- Contract Award-July 2017
- NTP-December 2017
- Original Contract Completion-January 2020
- Current Contract Completion-September 2021



# Construction Challenges

- Project is to precede Caltrain electrification; as a result, construction contract needs to be advertised and awarded in 2017
  - Permits pursued in parallel
  - Major utility relocation pursued in parallel
  - UPRR negotiations impact ability to move fiber optic – Caused delay of more than 500 days
  - PGE not originally budgeted for relocation of high pressure gas line
  - Contaminated soil
  - Additional associated soft costs
  - Last Update to JPB Board was provided in July 2019, which indicated an year delay in construction schedule due to UP FOC Issue
- Additional challenges in 2020: COVID

# Construction Challenges (cont'd)

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- A detailed project analysis was performed between July – Oct 2020
- Deep dive program review establishes new cost to complete



# Project Cost Summary

Description	Post Bid (2017)	Estimate at Completion
Pre-Construction Costs	\$ 14.7	\$ 15.0
Construction Costs	\$ 82.9	\$ 113.2
Parking Track	\$ 2.0	\$ 4.1
Right of way and Utilities	\$ 12.0	\$ 31.9
Construction Management	\$ 28.6	\$ 38.2
Contingency	\$ 39.8	\$ 5.3
PCEP Reimbursable		\$ (1.8)
<b>Total</b>	<b>\$ 180.0</b>	<b>\$ 205.9</b>

- **Additional Funds Request = \$25.9M**

# Additional Funds Request

- City Council of San Mateo approved \$2.1M funds request on Jan 4, 2021
- SMCTA Board of Directors approved \$23.8M funds request on Jan 7, 2021



# Remaining Major Risks

- Still digging at 25<sup>th</sup> and 31<sup>st</sup>
  - Advanced location of remaining utilities
  - Potential soil contamination
  - Unknown ground conditions/unknown utilities
  - Conformance Issues/Traffic Control at El Camino Real and Delaware
  - Covid-19 Impacts
- Program cash flow
  - \$8M left in project budget, project delays and cost escalation if funding not granted

# Board Request

Increase the Total Project Authority By \$25.9M for the 25<sup>th</sup> Ave Grade Separation Project

Increase the Executive Director's Contract Change Order Authority by \$12.1M

# Questions