



RECEIVE REPORT ON HUNTINGTON AVENUE CYCLE TRACK PROJECT

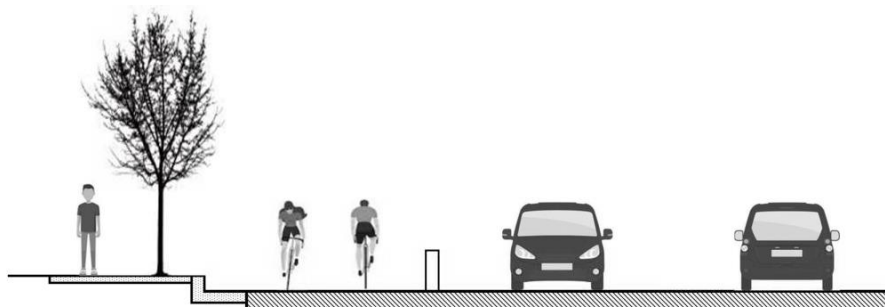
CITY COUNCIL MEETING

Hae Won Ritchie, City Engineer
David Wong, Principal Engineer

March 23, 2021

Objective

- ▲ Provide City Council information on implementation of a protected bikeway along Huntington Avenue to select preferred design.





Agenda

- I. Background / Benefits
- II. Project Limits
- III. Project Alternatives
- IV. Traffic Study
- V. Grants
- VI. Recommendation
- VII. Questions / Public & Council Feedback



Background / Benefits

- ❖ Walk N Bike Plan – Adopted July 26, 2016
- ❖ Provide connections to Tanforan regional mall, downtown San Bruno, Centennial Way Trail, and regional transit systems of BART/Caltrain.
- ❖ Would reduce roadway congestion and air pollution, promote physical well-being among residents, and provide better connections to retail and housing.

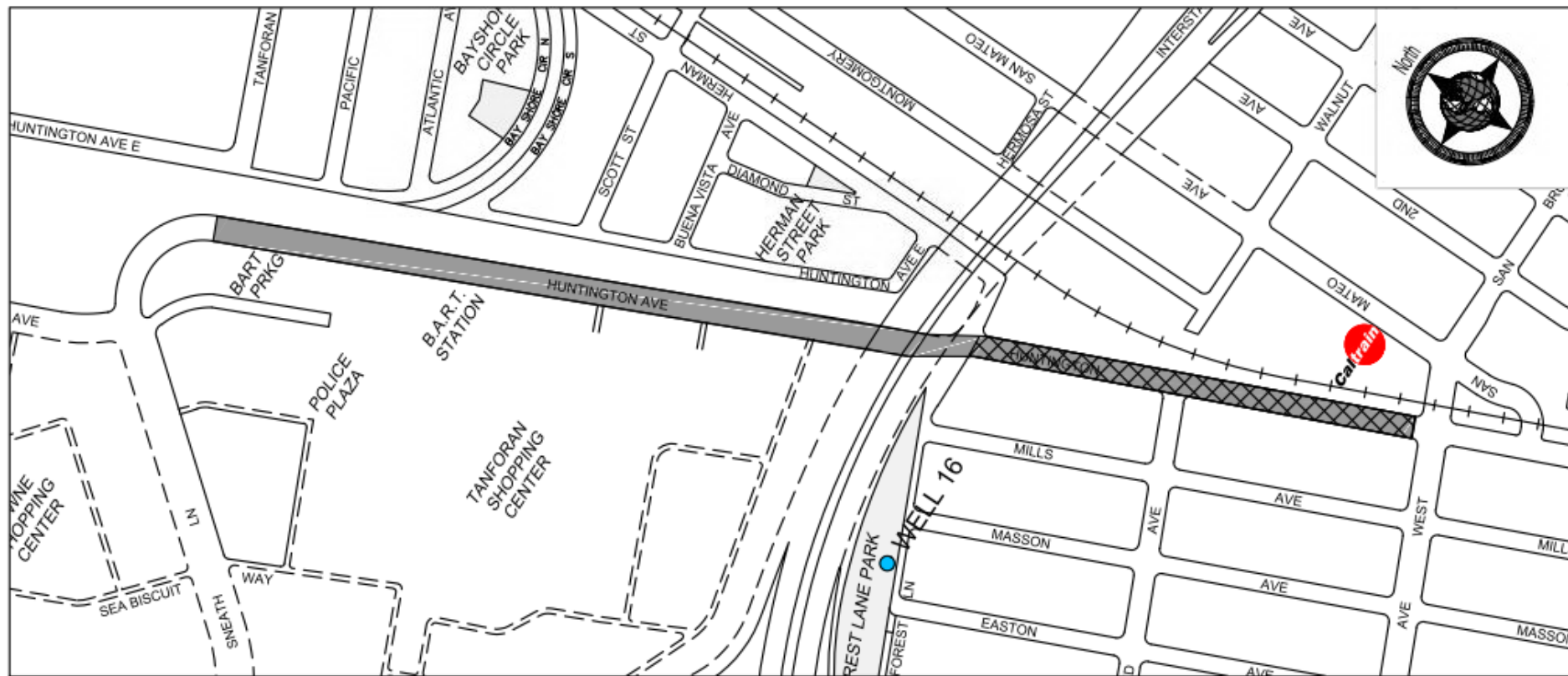






Project Alternatives

ALTERNATIVE	SCOPE OF WORK	LIMITS OF WORK
1	Cycletrack with lane removal	Centennial Way Trail to San Bruno Avenue
2	Cycletrack without lane removal	Herman Street to San Bruno Avenue
3	Cycletrack without lane removal	Centennial Way Trail to San Bruno Avenue

Project Limits



LEGEND

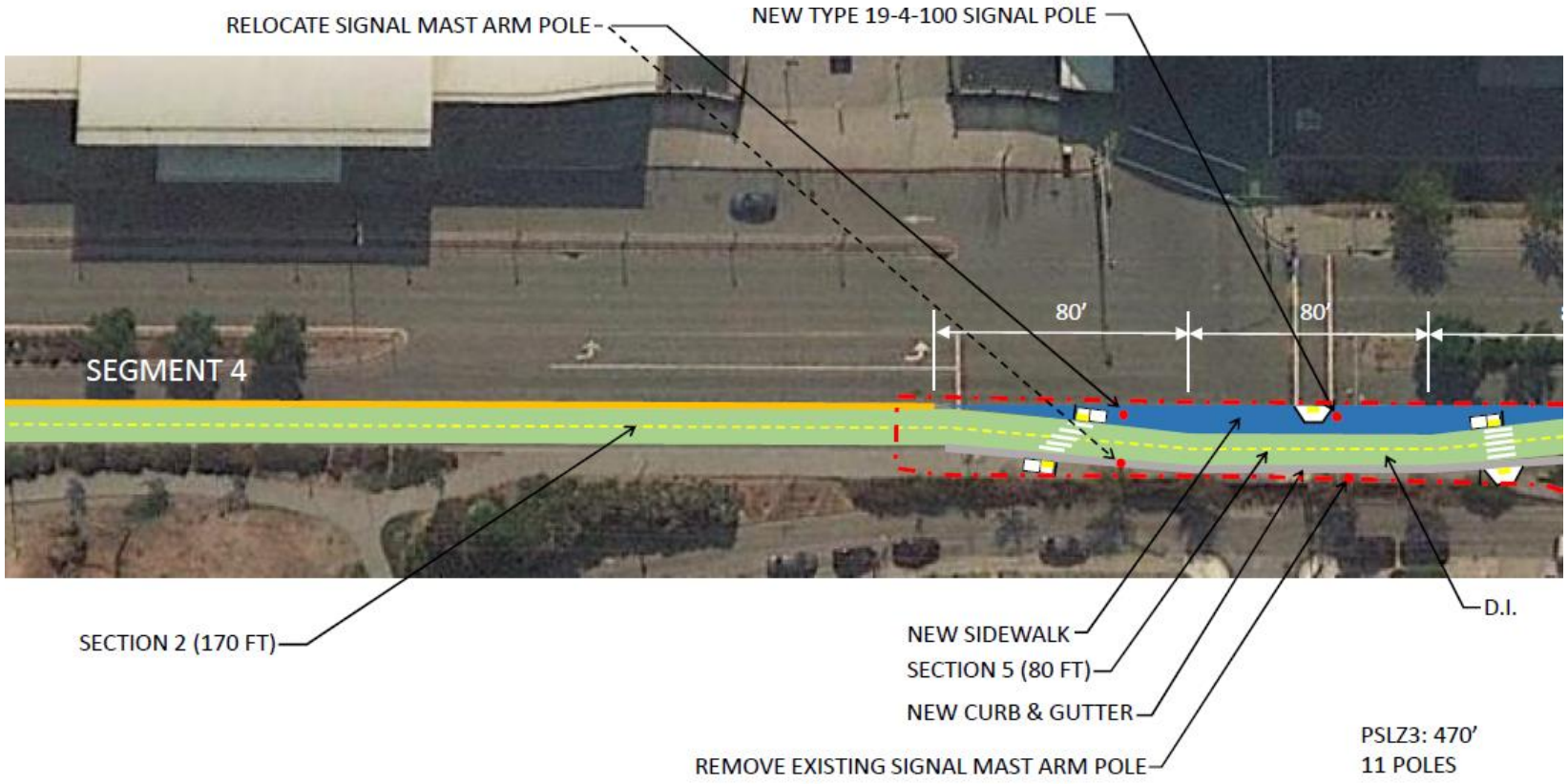
-  **ALTERNATIVE 1 / ALTERNATIVE 3**
PROJECT LIMITS: CENTENNIAL WAY TRAIL TO SAN BRUNO AVENUE
-  **ALTERNATIVE 2**
PROJECT LIMITS: HERMAN STREET TO SAN BRUNO AVENUE



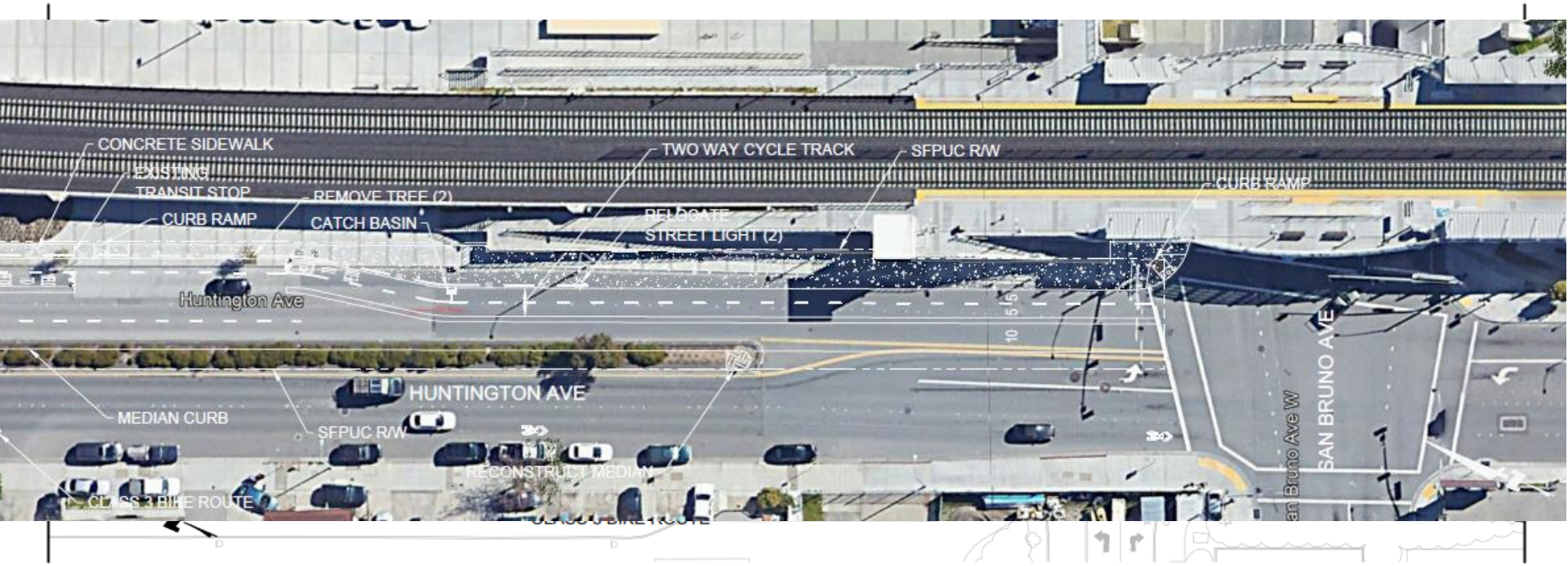
Alternative I (Lane Removal)

LEGEND







- Case CH Curb Ramp and Type I Pedestrian Barricade
- Case A Curb Ramp
- Bicycle Path
- New Concrete Sidewalk
- Buffer
- Pedestrian Scale Lighting Zone



Alternatives 2 & 3 (Retain Travel Lanes)



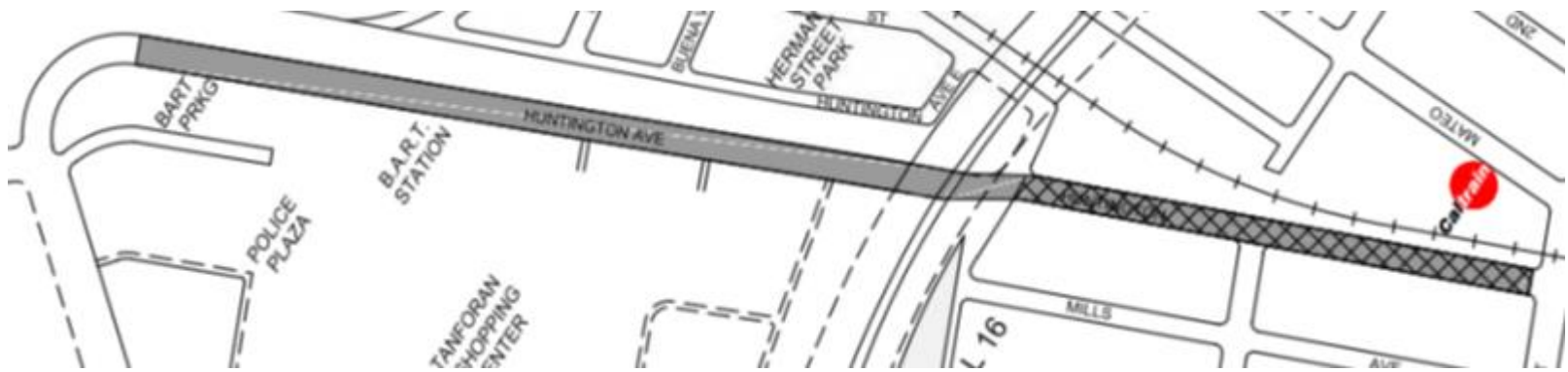
LEGEND:

-  ASPHALT
-  CONCRETE
-  MEDIAN CURB
-  RETAINING WALL
-  SL — STREETLIGHT CONDUIT
-  SD — STORM DRAIN



Traffic PM Peak (2025)

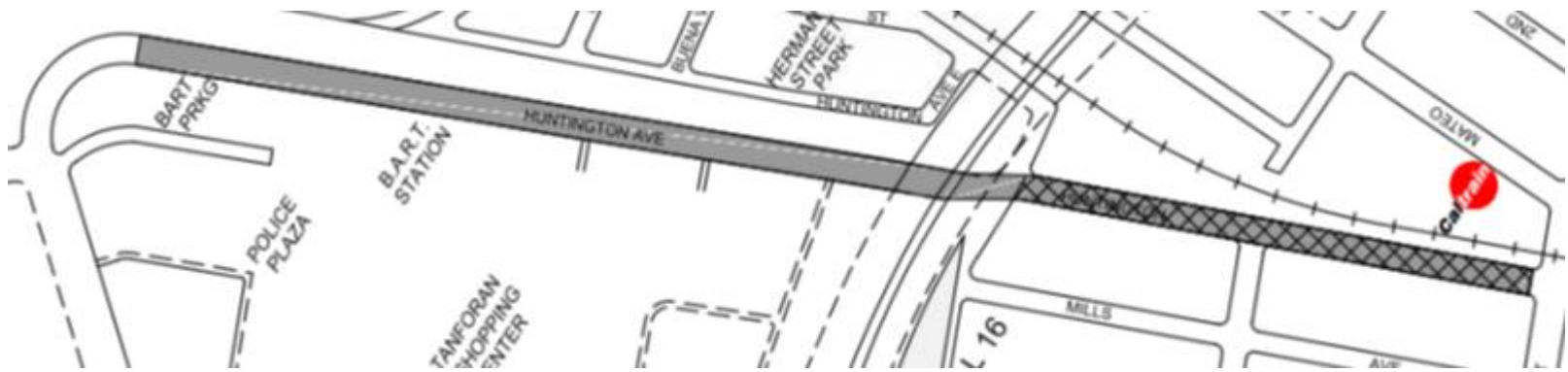
INTERSECTION	LOS (NO BUILD)	LOS (LANE REMOVAL)	LOS (MAINTAIN TRAVEL LANES)
Huntington / San Bruno	F	F	F
Huntington / Euclid	F	F	F
Huntington / Herman	D	C	C
Huntington / Tanforan	A	A	A
Huntington / Police	B	B	B
Huntington / Sneath	B	A	B





Traffic PM Peak (2040)

INTERSECTION	LOS/DELAY(S) (NO BUILD)	LOS/DELAY(S) (LANE REMOVAL)	LOS/DELAY(S) (MAINTAIN TRAVEL LANES)
Huntington / San Bruno	F / 80+	F / 80+	F / 80+
Huntington / Euclid	F / 80+	F / 80+	F / 80+
Huntington / Herman	F / 80+	F / 80+	F / 80+
Huntington / Tanforan	F / 80+	F / 80+	F / 80+
Huntington / Police	F / 80+	F / 80+	F / 80+
Huntington / Sneath	F / 80+	F / 80+	F / 80+





Traffic Summary

- ▲ Corridor travel time increased by 10 to 20 seconds under lane removal scenario in 2025.
- ▲ Operational impacts of cycle track installation with lane removal falls within acceptable ranges but there will be moderate impacts.
- ▲ Traffic operations with cycle track installed while maintaining travel lanes similar to No Build.



Project Costs / Funding

ALTERNATIVE	SCOPE OF WORK	LIMITS OF WORK	ESTIMATED COST
1	Cycletrack with lane removal	Centennial Way Trail to San Bruno Avenue	\$1,200,000
2	Cycletrack without lane removal	Herman Street to San Bruno Avenue	\$2,600,000
3	Cycletrack without lane removal	Centennial Way Trail to San Bruno Avenue	\$6,800,000

FUNDING SOURCE	FUNDED AMOUNT
OBAG Grant	\$914,000
SMCTA Grant	\$1,400,000 or \$2,000,000
Other	TBD



Requirements and Current Status

- ▲ OBAG grant requires that the project be ready to advertise by January 2023.
- ▲ SMCTA grant requires design complete by December 2023 and construction complete by December 2025.
- ▲ Huntington Avenue right of way does not currently belong to the City.



Recommendations & Next Steps

- ❖ Staff recommends Alternative 3, construction of a Class IV bikeway on Huntington Avenue between Centennial Way Trail and San Bruno Avenue.
- ❖ Most complex of the design alternatives but provides the greatest future benefit without any of the potential traffic impacts associated with lane removal.
- ❖ City will continue to seek other funding sources as well as grant opportunities (as they become available) to fund the project.



Questions

