



US-101 DECK REPLACEMENT

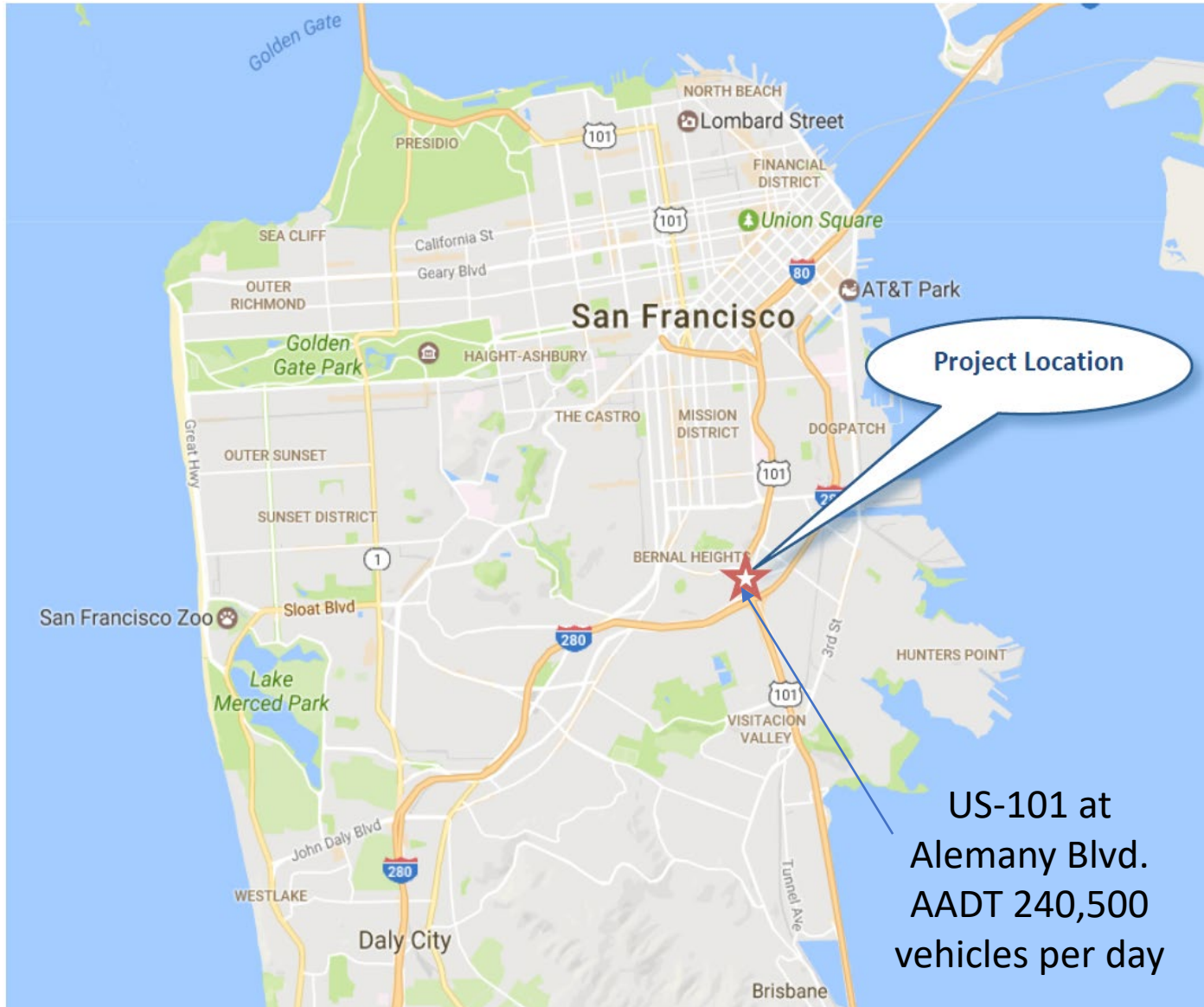
AT ALEMANY CIRCLE

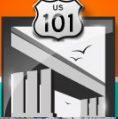
SFCTA CAC Jan 22, 2020 Presentation



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Bernal Heights

Bayshore Industrial / Commercial Business District

Farmer's Market

Alemany Blvd.

US-101 Decks to be Reconstructed

San Bruno Blvd

US-101

Bayshore Blvd

Potrero Hill, Dogpatch, Visitation Valley, and Bayview Hunters Point

Silver Ave.

Portola and Visitation Valley

I-280





Purpose

- Reconstruct the deck for safety and improved ride quality

Need

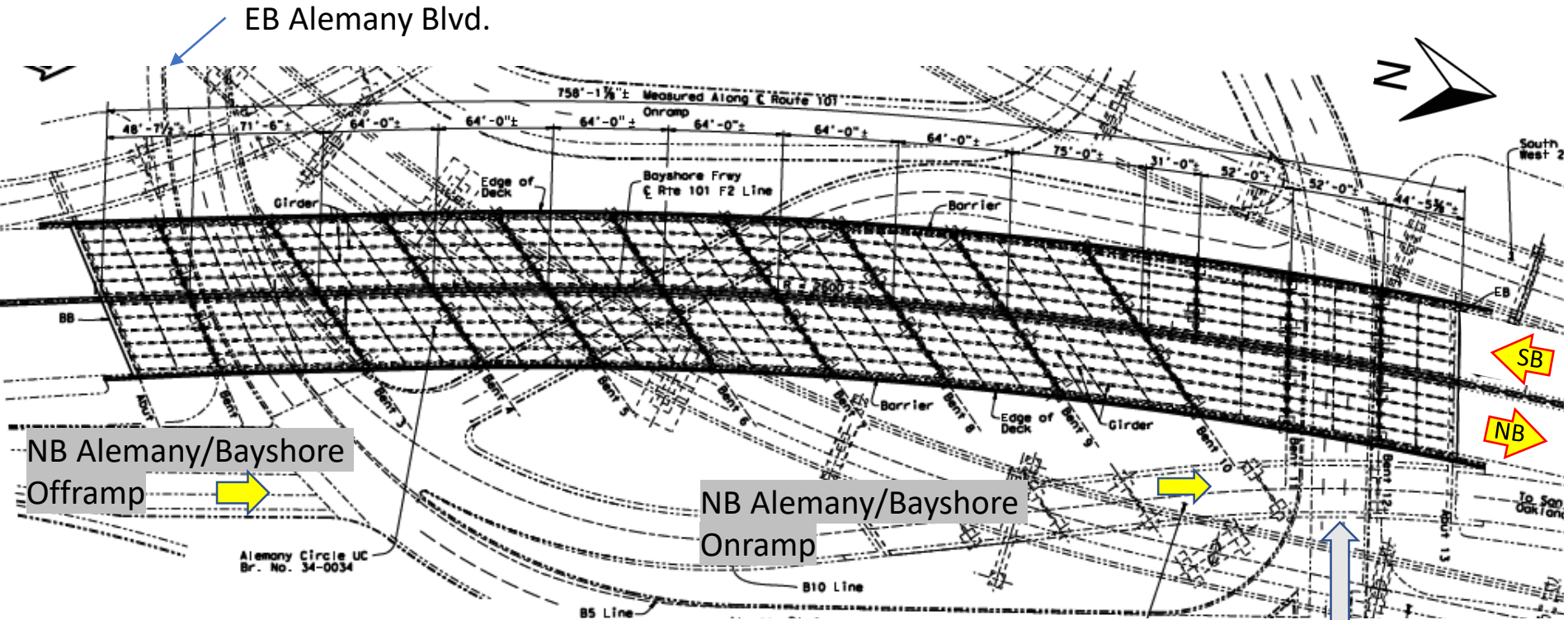
- Freeway built in 1950
- Localized deck failures and cracking
- Active corrosion of deck reinforcement





Example of a typical deck repairs underneath the deck

Plan View of NB and SB 101 Deck Replacement – Alemany Circle Underneath



12 spans northbound
13 spans southbound

Approximately 800'
3 traffic lanes in each direction



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3 Step Game Plan

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#1 Widen Alemany Off and Onramp to 2 lanes

#2 Replace NB US-101 Decks – 9 days

#3 Cross-over SB traffic to new NB decks and replace SB-101 Deck – 9 days



US-101 Northbound Detour Begins July 10th 2020 and reopens July 28th 2020

July 2020						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
		Prep Work			Day 1	
12	13	14	15	16	17	18
....NB 101 Deck Reconstruction – 9 Day.....						Day 9
19	20	21	22	23	24	25
.....SB 101 Deck Reconstruction – 9 Days.....						
26	27	28	29	30	31	
..cont..	Day 18	Restoration Work				

- Total Mainline Deck Construction Duration – Estimate NB and SB 101 Deck @ 9 days; total 18 days
- Prep work – 3 days to prepare for project US-101 northbound detour
- Restoration work – 3 days to restore local streets.
- Total Alemany EB Closure – about 3 weeks (July 7th thru July 30th).
- \$1M Contractor Incentive per day: capped at \$8M:
- Liquidated Damages - \$1.3M per day after 18 days.

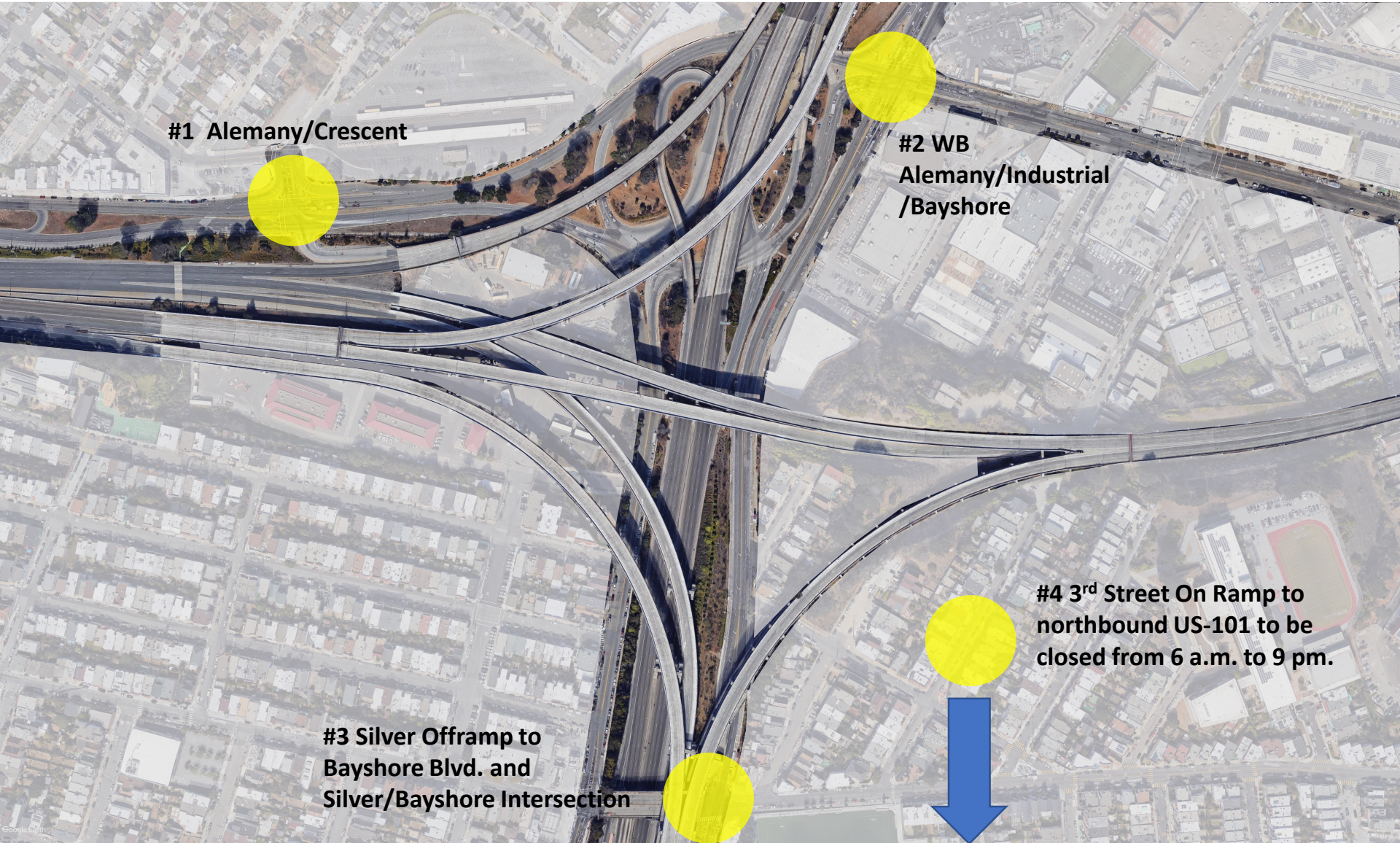


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How this Project affects San Francisco – Site Map, Ped/Bicyclist, Parking Spaces



#1 Alemany/Crescent

#2 WB
Alemany/Industrial
/Bayshore

#3 Silver Offramp to
Bayshore Blvd. and
Silver/Bayshore Intersection

#4 3rd Street On Ramp to
northbound US-101 to be
closed from 6 a.m. to 9 pm.



US-101 DECK REPLACEMENT AT ALEMANY CIRCLE



#1 Alemany / Crescent



#2 WB Alemany / Industrial / Bayshore



Convert to 2 way EB
& WB operation

Bayshore Blvd

Industrial Blvd

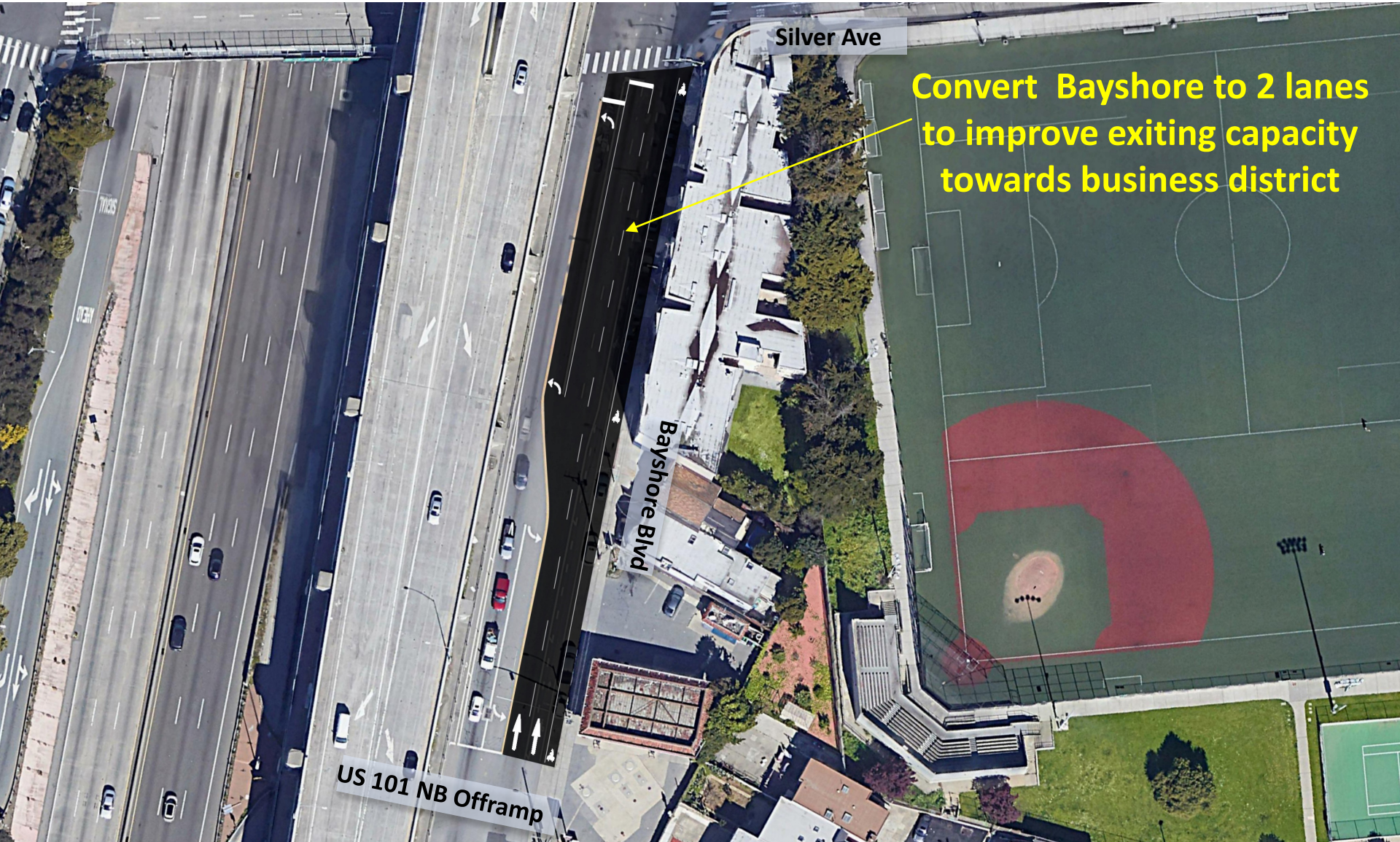


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#3 Silver Offramp to Bayshore Blvd and Silver/Bayshore Intersection



Silver Ave

Convert Bayshore to 2 lanes to improve exiting capacity towards business district

Bayshore Blvd

US 101 NB Offramp



Commercial Space
901 Bayshore Blvd
Suite 101

Commercial Space
901 Bayshore Blvd
Suite 103

Silver Park Condos
901 Bayshore Blvd

Private Residence
955 Bayshore Blvd

Private Residence
961 Bayshore Blvd

76 Gas Station
975 Bayshore Blvd

Approximately 16
parking spaces to
be removed

den State
zza & Grill

Cinco De Mayo Taqueria

Shell

San Bruno Ave

Silver Ave

Bayshore Blvd

76



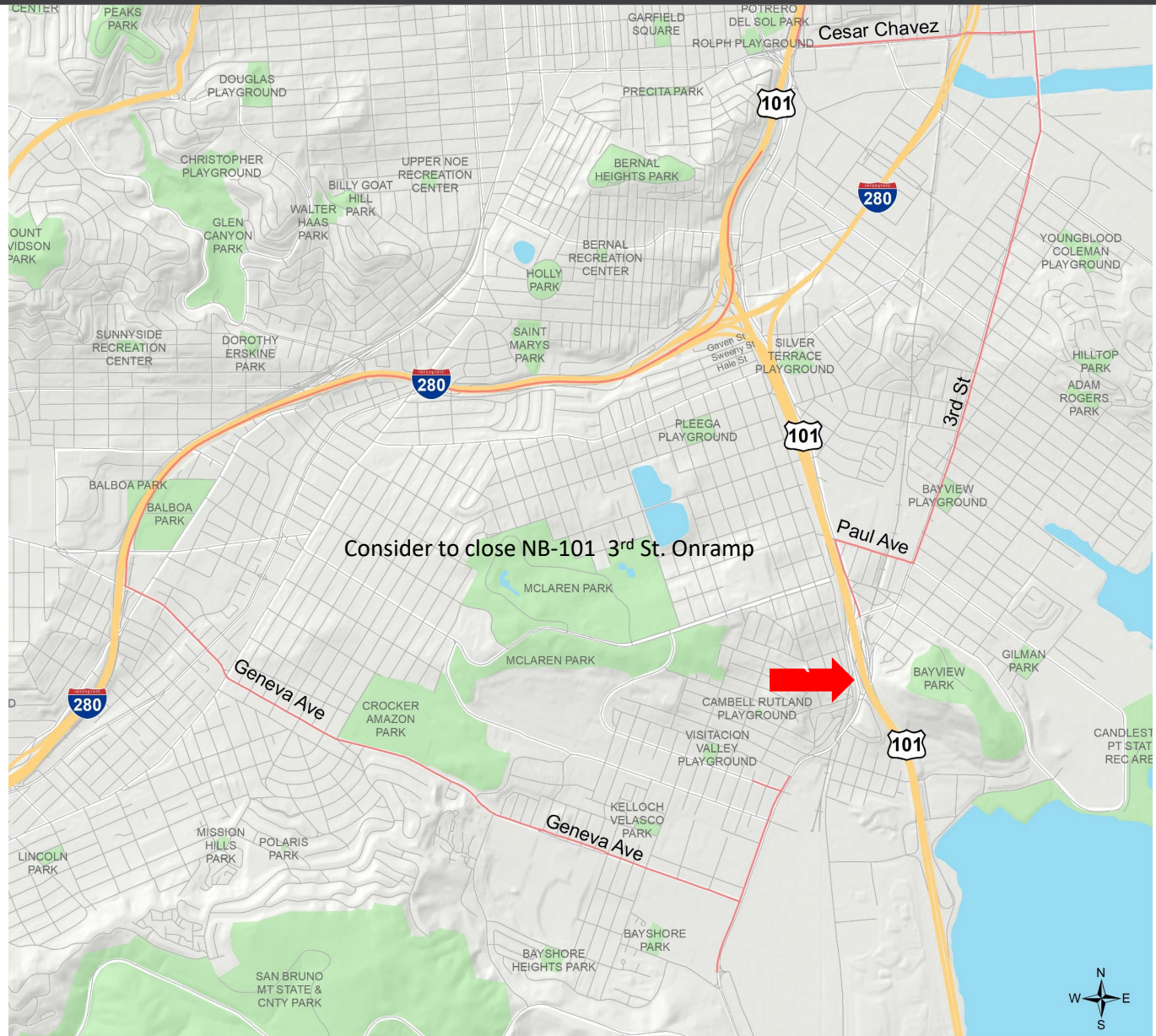
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#4 NB 101 3rd Street onramp closure from 6 a.m to 9 p.m

By closing the 3rd Street northbound US 101 onramp, it will decrease overall regional mainline delay due to the merging between motorist coming on and motorist merging right to I 280





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3rd St. Onramp is closed from
6 am to 9 pm - MUNI ONLY

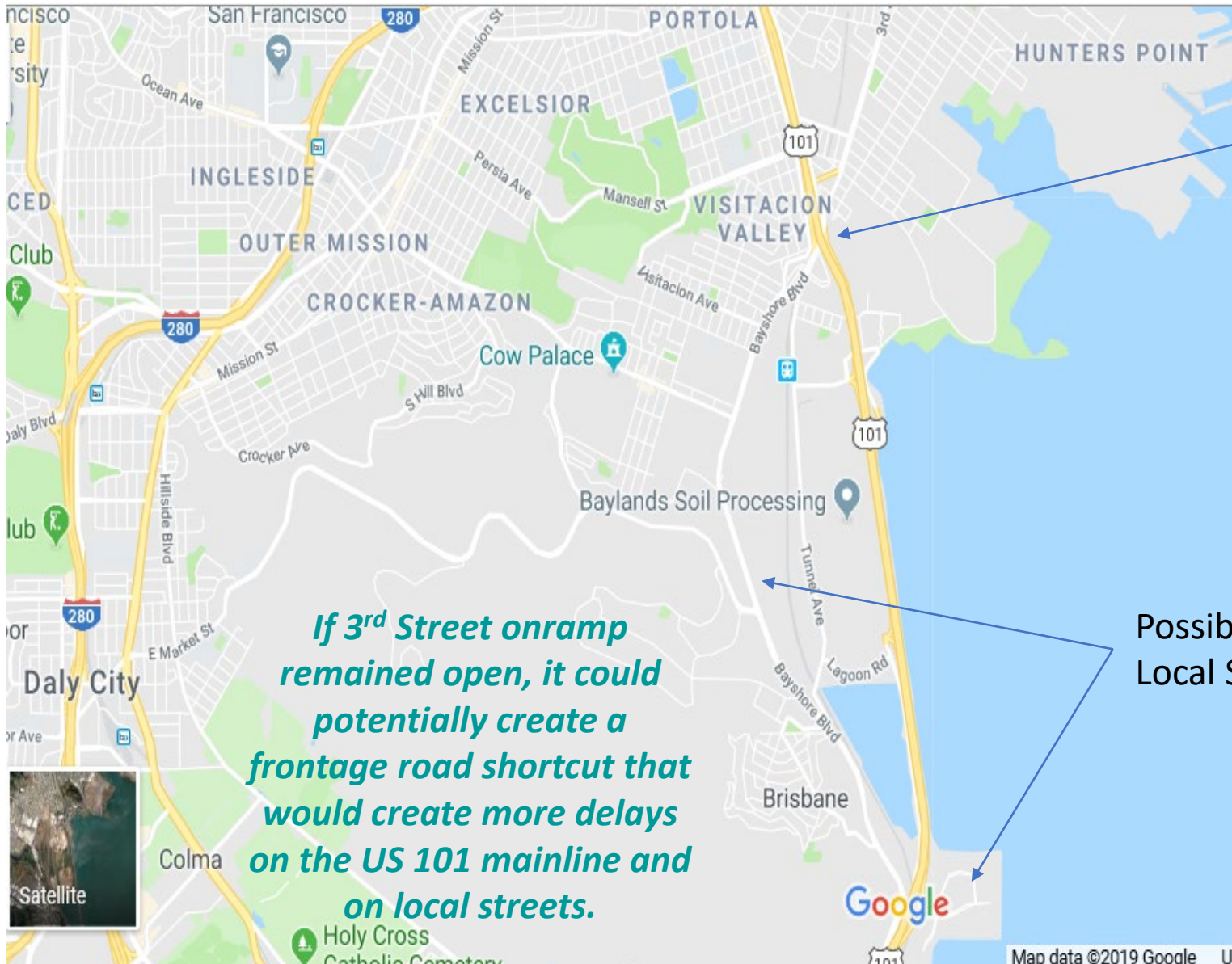


**NB 101 Bayshore Blvd
On Ramp Closure**



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If 3rd Street onramp remained open, it could potentially create a frontage road shortcut that would create more delays on the US 101 mainline and on local streets.

If 3rd Street On-Ramp remained open, a potential ineffective shortcut could exist.

Possible Alternative Local Street "Shortcut"



Regional Transportation Network



Alternative Routes

SFO to Downtown SF

- NB US-101 to NB I-280
- I-380 to I-280

SFO to East Bay

- SB US-101 to EB SR-92 to I-880
- I-380 to SR-1 to GG Bridge
EB I-580

TMP

- Caltrans to Activate CMS signs in Bay Area and beyond
- Portable Message Signs – mainlines and local streets
- Public Information Outreach



Transportation Demand Management – Reduce cars on freeway

1. Not make the trip through the US 101 corridor July 10, 2020 to end of that month in San Francisco and San Mateo Counties, if possible:
 - Telecommute or take time off
 - Use alternative freeway routes – take 280, or 92 to get to the east bay or SR-1 to the Golden Gate Bridge
 - Take public transportation:
 - BART
 - Caltrain
 - SF Bay Ferries
2. If you have to travel, please carpool or travel off peak.
3. Safety is #1. Allow extra travel time and drive safely through the construction zone.



Goals and Conclusion

- Caltrans tentatively has scheduled community meetings in Bayview/Bernal Heights/Portola February 19, 20 and 22, 2020.
- The US-101 Deck Replacement Project at Alemany Circle in San Francisco will have a major transportation impact to the Bay Area for an approximate 3 week period starting July 10th 2020. We need everyone's help to reduce traffic demand on the transportation network by having a plan of action.
- Google: US 101 Alemany Deck Replacement for more information.

Thank You

Caltrans Project Manager is Al B.Lee