



PLACEWORKS



Central Avenue Safety Improvement Project

Transportation Commission | January 23, 2019

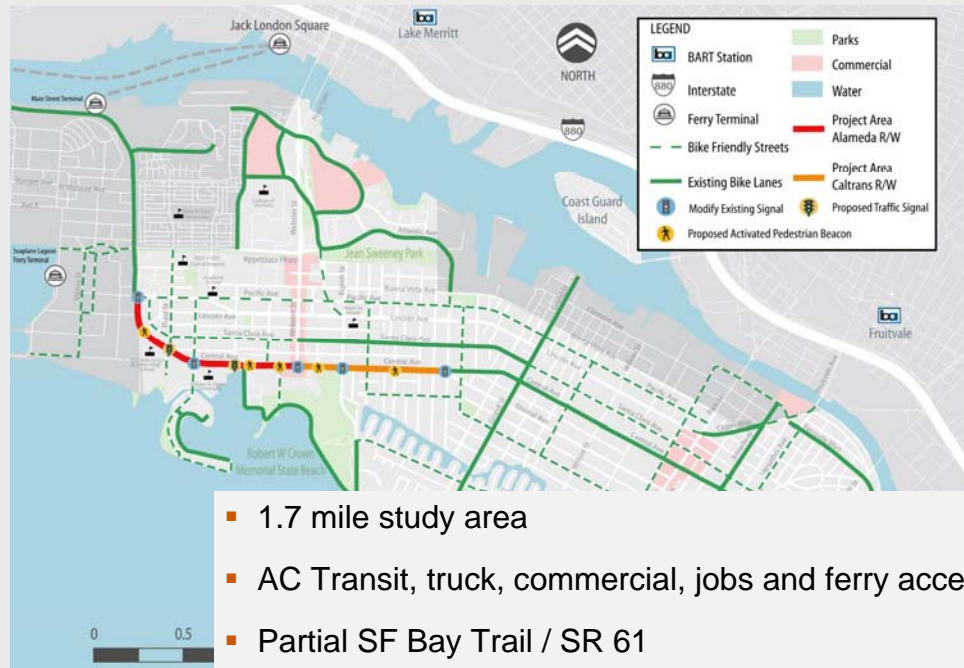
Requested Approvals

1. Extend the two-way bikeway from Paden School to McKay Avenue
2. Study the four options in the Webster Street Area



Central Avenue Safety Improvement Project

Project Area



- 1.7 mile study area
- AC Transit, truck, commercial, jobs and ferry access
- Partial SF Bay Trail / SR 61
- Multiple schools

Central Ave Safety Project

- A disproportionate number of collisions
 - Almost 9 injury collisions each year
- Actual Speeds: 30-33 mph
 - 25% Average Risk of Death at 32.5 mph
 - 10% Average Risk of Death at 24.1 mph
- Easier to walk, bike or ride transit
- Reduce greenhouse gas emissions



Central Avenue Safety Improvement Project

Work to Date (2014-2017)

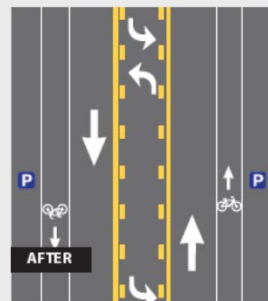
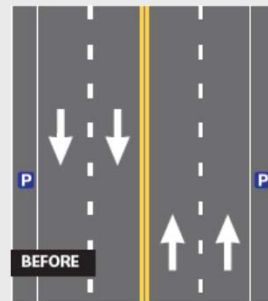
- 2014-2016: Concept Phase with Outreach
- 2016: City Council Approval of Concept
 - West End = Two-way Bikeway
 - East End = Bike Lanes (except for Webster Street Area)
- 2017: Obtained 2 fed/state grants + local match = \$12.2 million for construction



Approved: Three-lane Street

According to FHWA:

- Reduces collisions by at least 19%
- Reduces speeds by at least 3 mph
- Less severe collisions
- Fewer vehicle lanes to cross
- Better visibility of pedestrians
- Space for bicyclists
- Smoother travel flow



Central Avenue Safety Improvement Project

Approved Concept: West End

- Two-way Bikeway:
 - Alameda Point
 - Paden, Encinal and Junior Jets Schools
 - SF Bay Trail



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Approved Concept: Paden School-Sherman (except for the Webster Street Area)

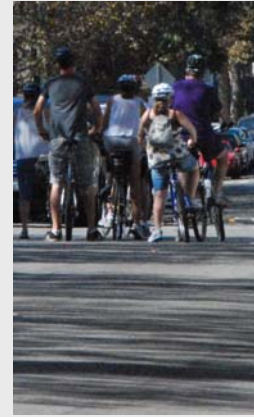
- Do nothing different
- Sharrows markings
- Bike lanes + center turn lane
- Two-way separated bikeway
- One-way separated bikeway
- Buffered bike lanes



Central Avenue Safety Improvement Project

General Improvements

- Bicycle Lanes, Two-way Protected Bikeway, and Bike Racks
- Curb Bulbs, Enhanced Crosswalks, Pedestrian Refuges, and Pedestrian Beacons
- Traffic Signals – New / Improved
- Street Lighting
- Bus Stop Improvements
- Landscaping, Street Trees, and Green Stormwater Infrastructure
- Accessible On-street Parking



Central Avenue Safety Improvement Project

Requested Approvals

1. Extend the two-way bikeway from Paden School to McKay Avenue



Central Avenue Safety Improvement Project

Two-way Bikeway Extension

- Allows more students to travel to/from the local schools
- Allows SF Bay Trail on south side of street
- Allows bikeway between South Shore and West End
- Reduces bicycling conflicts – less severe and less frequent
- Survey results (396 respondents – 69% in favor)



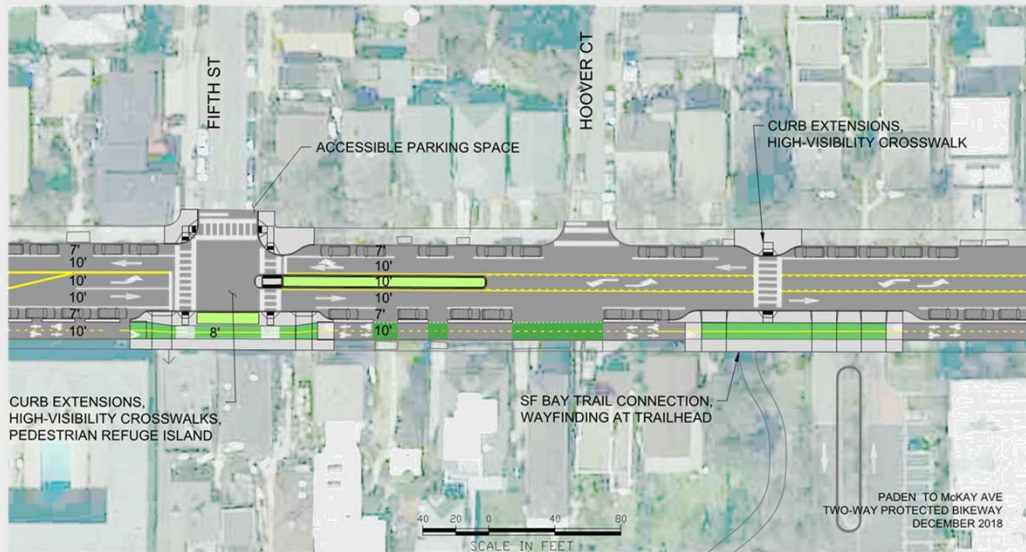
Central Avenue Safety Improvement Project

Two-way Bikeway Driveway Examples



Central Avenue Safety Improvement Project

Paden to McKay (Two-way Bikeway Option)



Central Avenue Safety Improvement Project

Requested Approvals

2. Study the four options in the Webster Street Area

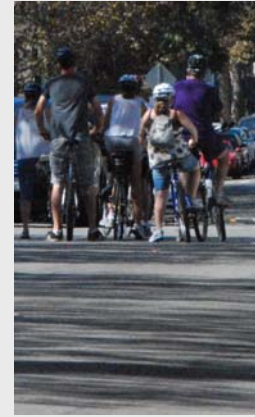


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Options: Webster St Area

(McKay Avenue to Washington Park)

- Sharrows and Traffic Calming Option (Four Lanes Remain)
- Sharrows and Bike Lane Option (Three Lanes)
- Continuous Bike Lane Option (Three Lanes)
- Two-way Bikeway Option (Three Lanes)



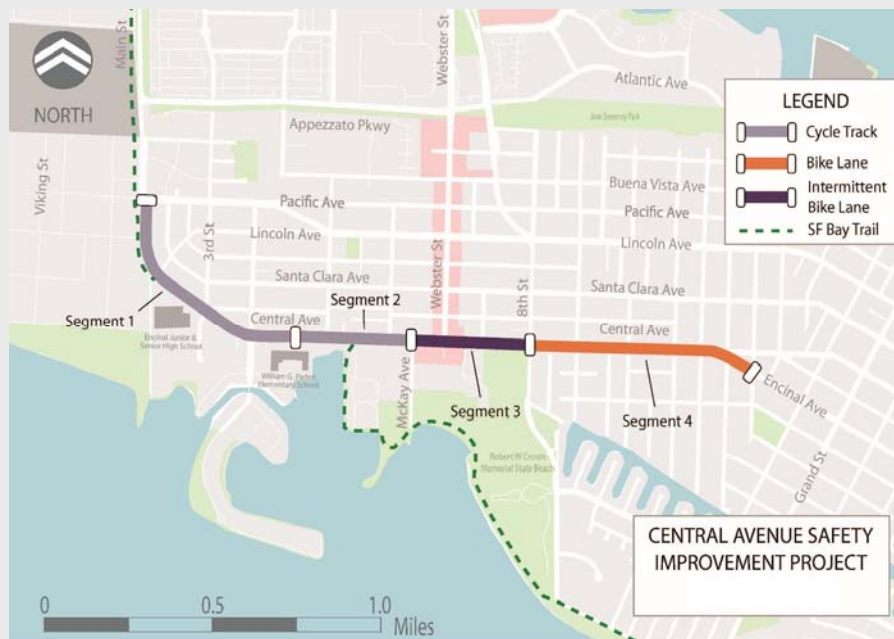
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Webster Street (Sharrows and Traffic Calming Option)



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Webster Street (Sharrows and Traffic Calming Option)



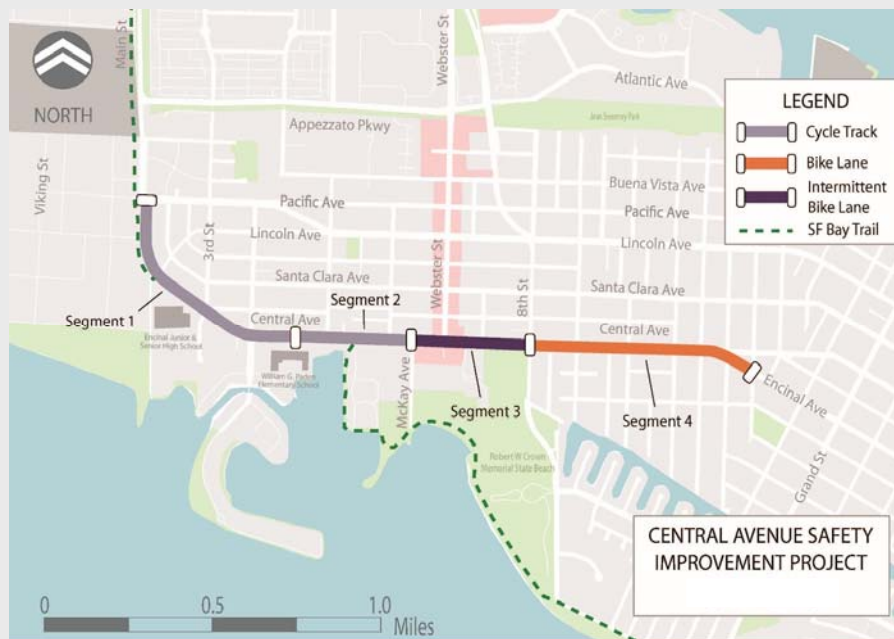
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Webster Street (Sharrows and Bike Lane Option)



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Webster Street (Sharrows and Bike Lane Option)



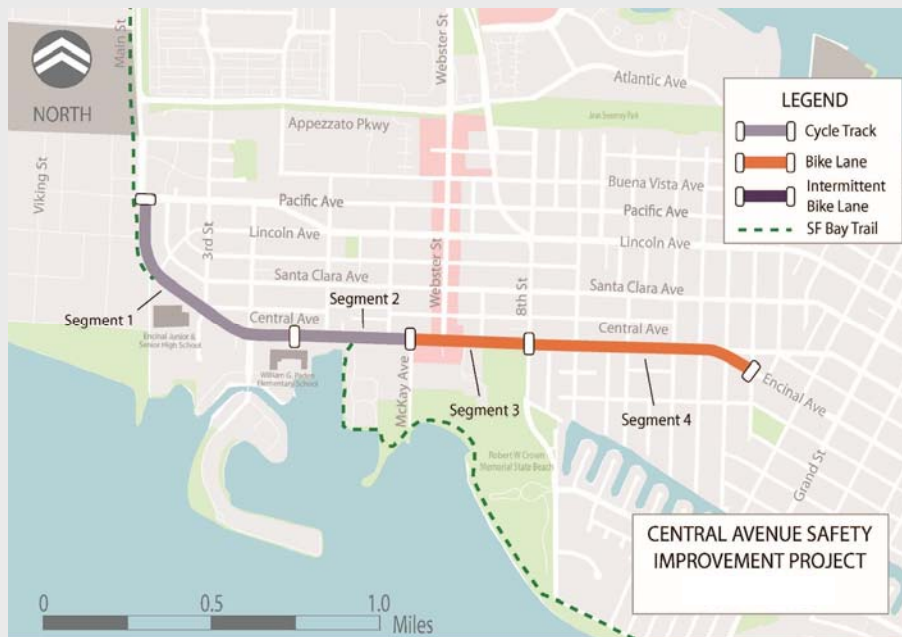
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Webster Street (Continuous Bike Lane Option)



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Webster Street (Continuous Bike Lane Option)



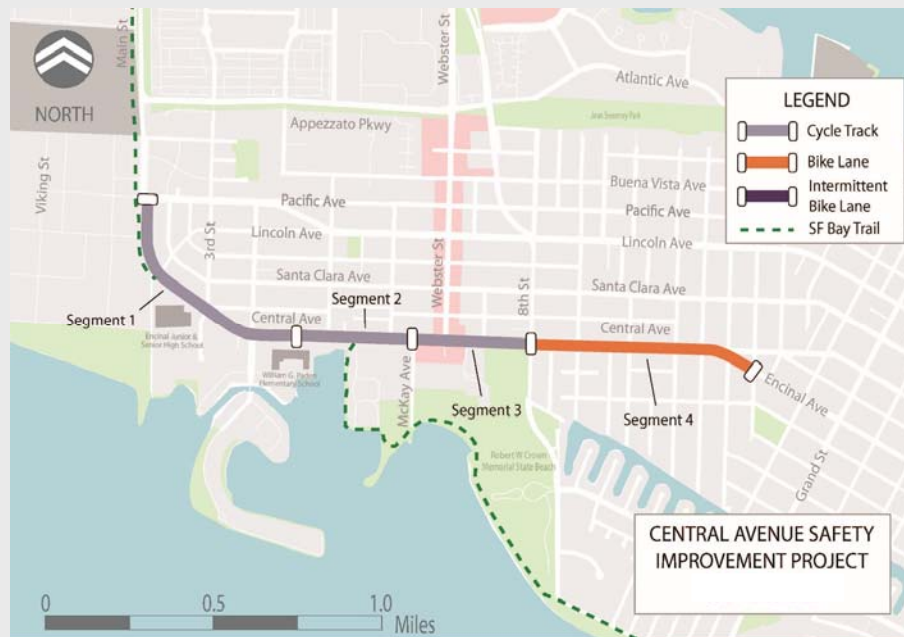
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Webster Street (Two-way Bikeway Option)



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Webster Street (Two-way Bikeway Option)



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Outreach Summary (2018)

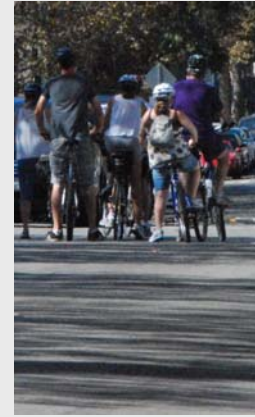
- Caltrans Coordination
- Advisory Committee
- Key Stakeholders: WABA and Bike Walk Alameda
- Workshop #4: Dec 5, 2018
- Open Forum survey (three weeks in December)
- Transportation Commission: Jan 23, 2019
- City Council: March 5, 2019
- Project email list serv: 500+ emails
- Project web page



Central Avenue Safety Improvement Project

Next Steps

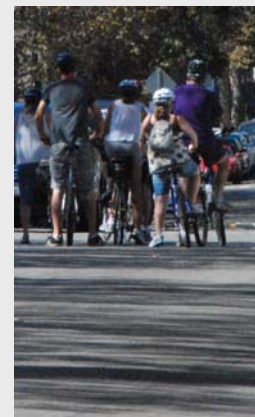
- Analyze Options for Webster Street Area – early/mid 2019
- Request Concept Approval for Webster Street Area – mid/late 2019
- Final Design – 2020/2021
- Construction – 2021



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Central Avenue Safety Improvement Project



CDM
Smith



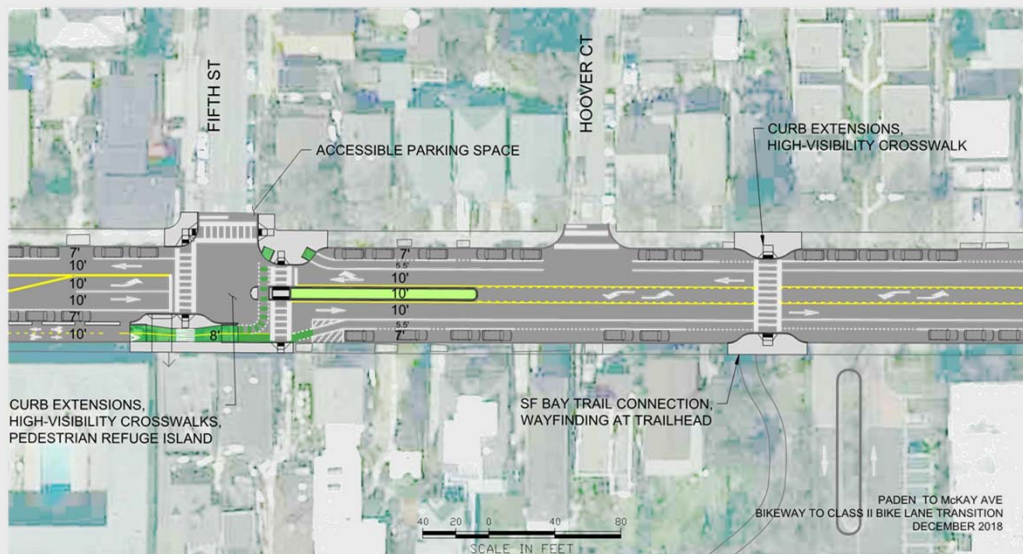
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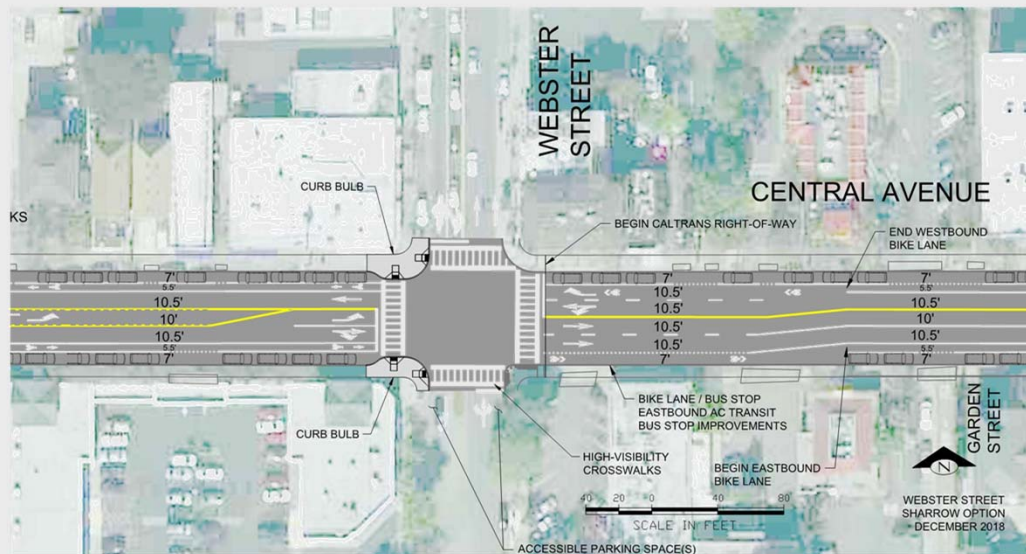
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Paden to McKay (Bike Lane Option)



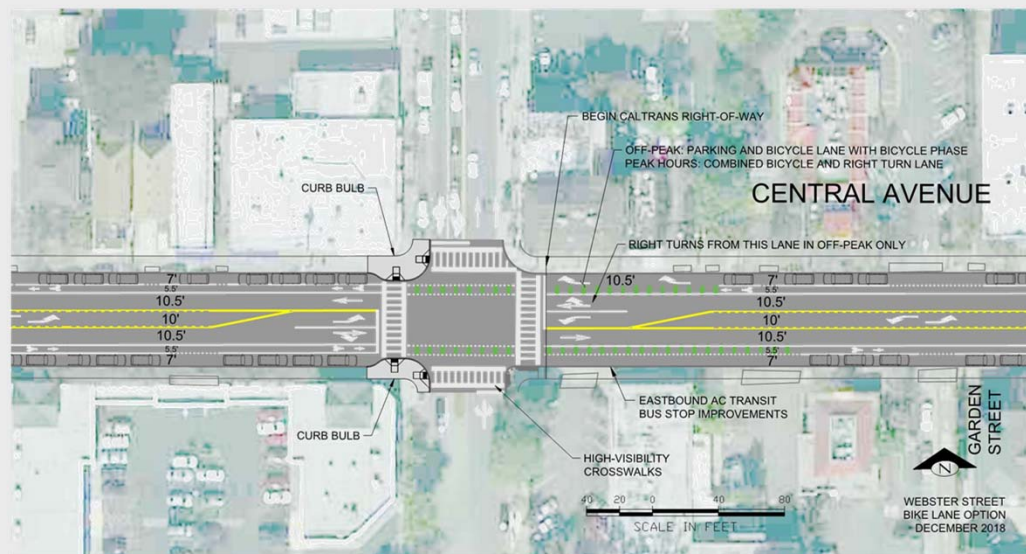
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Webster Street (Sharrows and Bike Lane Option)



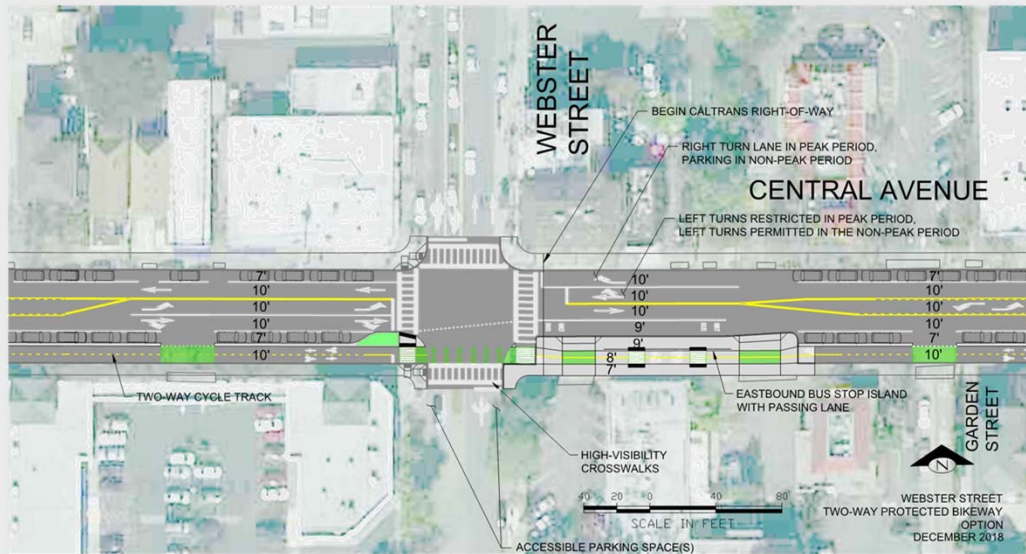
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Webster Street (Continuous Bike Lane Option)



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Webster Street (Two-Way Bikeway Option)



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