

## SFMTA - TASC SUMMARY SHEET

<p><b>PreStaff_Date:</b> 4/8/2021</p> <p><b>Requested_by:</b> SFMTA</p> <p><b>Handled:</b> Jen Wong, Jennifer.Wong <i>CB</i></p> <p><b>Section Head :</b> MS <i>MS</i></p>	<p><input type="checkbox"/> <b>Public Hearing Consent</b></p> <p><input checked="" type="checkbox"/> <b>Public Hearing Regular</b></p> <p><input type="checkbox"/> <b>Informational / Other</b> PH - Regular</p>	<p><b>No objections:</b> _____</p> <p><b>Item Held:</b> _____</p> <p><b>Other:</b> _____</p>
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**Location:** Williams Avenue, between Third Street and Phelps/Vesta Street

**Subject:** Williams Avenue Quick-Build Safety Project

**PROPOSAL / REQUEST:**  
See attached for full legislation

Proposing to install traffic calming and pedestrian safety measures on Williams Avenue between Third Street and Phelps/Vesta Street as part of the Williams Avenue Quick-Build Safety Project. Installing perpendicular parking provides a net increase in parking supply along the corridor.

(Supervisor District 10)  
Jen Wong, Jennifer.Wong@sfmta.com

**BACKGROUND INFORMATION / COMMENTS**

The purpose of the Williams Avenue Quick-Build Safety Project is to explore and implement roadway changes to enhance transportation safety in the Bayview neighborhood. Williams Avenue is on the Vision Zero High-Injury Network, which are the 13 percent of city streets that account for 75 percent of San Francisco's severe and fatal injury traffic crashes. The project scope includes:

- Removing one westbound travel lane and converting some segments of parallel parking to perpendicular parking
- Prohibiting parking and installing pavement markings at intersections to further improve visibility of crossings
- Constructing ~~two speed tables and one speed hump~~   
three speed cushions at midblock locations

Muni route 54-Felton operates on Williams Avenue between Reddy and 3rd streets in both directions. 85th percentile speeds between Ceres and Lucy streets are 29 MPH in eastbound direction and 32 MPH in the westbound direction.

Installing perpendicular parking provides a net increase in parking supply along the corridor.

<p><b>HEARING NOTIFICATION AND PROCESSING NOTES:</b></p>	<p><b>ENVIRONMENTAL CLEARANCE BY:</b></p> <p><input checked="" type="checkbox"/> SFMTA   <input type="checkbox"/> Attached   <input type="checkbox"/> Pending</p>
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## Background:

The purpose of the Williams Avenue Quick-Build Safety Project is to explore and implement roadway changes to enhance transportation safety in the Bayview neighborhood. The project scope includes:

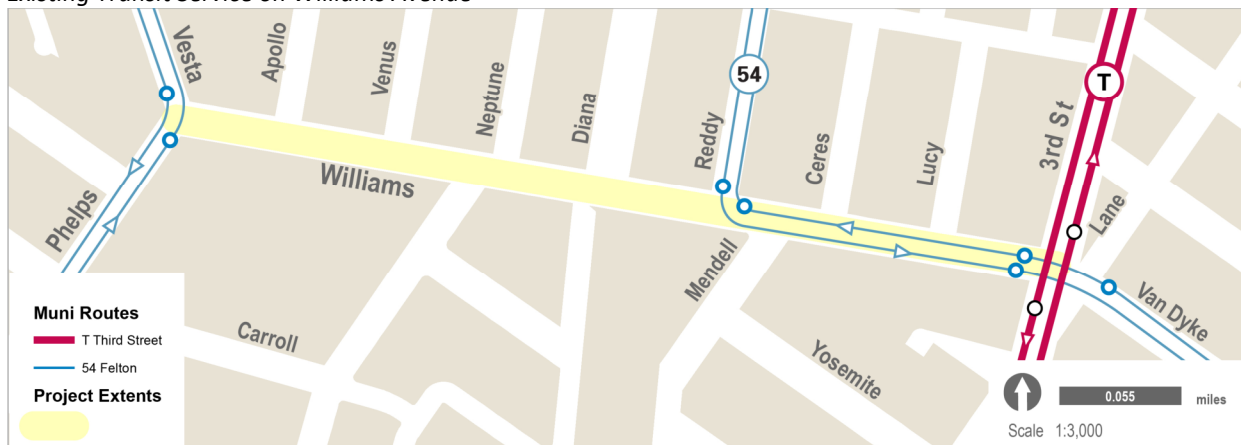
- Removing one westbound travel lane and converting some segments of parallel parking to perpendicular parking
- Prohibiting parking and installing pavement markings at intersections to further improve visibility of crossings
- Constructing three speed cushions at midblock locations

Williams Avenue is a bidirectional roadway generally 69-feet wide with generally 8-foot wide sidewalks on each side of the street. Overall, there are two westbound travel lanes, one eastbound travel lane, and one center turn lane. There is on-street parking on both sides of the street oriented in different angles (e.g. parallel, 90 degrees angled, 60 degrees angled) on different blocks. Intersections along the corridor are either uncontrolled or stop-controlled. The only signalized intersection on the project corridor is at Williams Avenue and 3rd Street.

## Transit:

The Muni 54 Felton bus route travels on a portion of the project extents. Inbound, the bus travels southbound on Reddy Street, turns left onto Williams Avenue, and proceeds straight away from the project area. Outbound, the bus travels westbound on Williams Avenue, turns right onto Reddy Street, and proceeds straight away from the project area. The bus stops in the project area are all flag stops. The Muni 54 Felton route has continued to operate as part of the COVID-19 Muni Core Service Plan.

Existing Transit Service on Williams Avenue



## Collision History:

- In the past five years (2016-2020), 20 reported collisions took place on Williams Avenue between 3rd Street and Phelps Street, resulted in injury.
- Failure to yield at crosswalks accounted for the majority of these collisions on the project corridor.
- Williams Avenue is on the Vision Zero High-Injury Network, which are the 13 percent of city streets that account for 75 percent of San Francisco's severe and fatal injury traffic crashes.
- 1 collision occurred on Williams Avenue at 3<sup>rd</sup> Street involving a Muni bus. A driver passed a stopped bus and its right side mirror made contact with the coach.

1. Williams Avenue, between Third Street, and Phelps and Vesta Streets – Williams Avenue Quick-Build Safety Project

ESTABLISH – SPEED CUSHION

- A. Williams Avenue, between Ceres Street and Mendell Street
- B. Williams Avenue, between Lucy Street and Ceres Street
- C. Williams Avenue, between Apollo Street and Venus Street

ESTABLISH – RED ZONE

- A. Williams Avenue, south side, from Phelps Street to 50 feet easterly
- B. Williams Avenue, north side, from Vesta Street to 30 feet easterly
- C. Williams Avenue, south side, from 60 feet west of Apollo Street to 30 feet east of the west side crosswalk (painted safety zone)
- D. Apollo Street, west side from Williams Avenue to 10 feet northerly
- E. Williams Avenue, north side, from Venus Street to 22 feet easterly
- F. Williams Avenue, north side, from Neptune Street to 31 feet westerly (painted safety zone)
- G. Williams Avenue, north side, from Neptune Street to 20 feet easterly
- H. Neptune Street, west side from Williams Avenue to 10 feet northerly (painted safety zone)
- I. Williams Avenue, south side, from Newhall Street to 28 feet easterly (painted safety zone)
- J. Newhall Street, east side from Williams Avenue to 10 feet southerly (painted safety zone)
- K. Williams Avenue, south side, from west side crosswalk of Reddy Street to 20 feet westerly
- L. Reddy Street, east side, from Williams Avenue to 20 feet northerly
- M. Williams Avenue, south side, from Mendell Street to 30 feet westerly
- N. Williams Avenue, south side, from Mendell Street to 20 feet easterly
- O. Williams Avenue, north side, from east side crosswalk of Mendell Street to 20 feet westerly

- P. Ceres Street, west side from Williams Avenue to 10 feet northerly
- Q. Williams Avenue, north side, from Ceres Street to 25 feet easterly
- R. Williams Avenue, north side, from Ceres Street to 10 feet westerly
- S. Williams Avenue, north side, from Lucy Street to 20 feet easterly
- T. Lucy Street, west side from Williams Avenue to 10 feet northerly

ESTABLISH – NO PARKING ANYTIME

- A. Williams Avenue, north side from Diana Street to 50 feet west of Reddy Street
- B. Williams Avenue, south side from 48 feet to 260 feet west of Reddy Street

ESTABLISH – STOP SIGN

- A. Ceres Street, southbound, at Williams Avenue
- B. Lucy Street, southbound, at Williams Avenue

ESTABLISH – PERPENDICULAR PARKING

- A. Williams Avenue, south side, from Apollo Street to 55 feet west of Venus Street
- B. Williams Avenue, north side, from Reddy Street to Mendell Street
- C. Williams Avenue, north side, from Ceres Street to Lucy Street
- D. Williams Avenue, south side, from Newhall Street to 50 feet west of Diana Street

RESCIND – NO PARKING EXCEPT BICYCLES

RESCIND – BIKE SHARE STATION

Williams Avenue, south side, from Apollo Street to 53 feet easterly

ESTABLISH – NO PARKING EXCEPT BICYCLES

ESTABLISH – BIKE SHARE STATION

Williams Avenue, south side, from 30 feet to 83 feet easterly of west leg of Apollo Street (shifts an existing 42'-7" bike share station with a 3-foot red zone on the east side of the station and a 5-foot red zone on the west side of the station)

ESTABLISH – BUS ZONE

Williams Avenue, north side, from 3rd Street to 100 feet westerly (converts flag-stop to bus zone for 54-Felton)

RESCIND – FLAG STOP

Van Dyke Avenue, north side, east of Lane Street (removes flag-stop for 54-Felton)

(Supervisor District 10)

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Jen Wong, [jennifer.wong@sfmta.com](mailto:jennifer.wong@sfmta.com)



# Aerial Imagery

## Bayview Quick-Build Project: Williams Avenue

September 2020

Aerial imagery within the vicinity of the Williams Avenue Bayview Quick-Build Project, which spans Williams Avenue from 3rd Street to Vesta Street.

### Project Extents



0.055 miles

Scale 1:3,000

Date Saved: 9/25/2020

For reference contact: [jennifer.wong@sfmta.com](mailto:jennifer.wong@sfmta.com)

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Pictometry/EagleView, City and County of San Francisco


# Vision Zero High-Injury Network

## Bayview Quick-Build Project: Williams Avenue

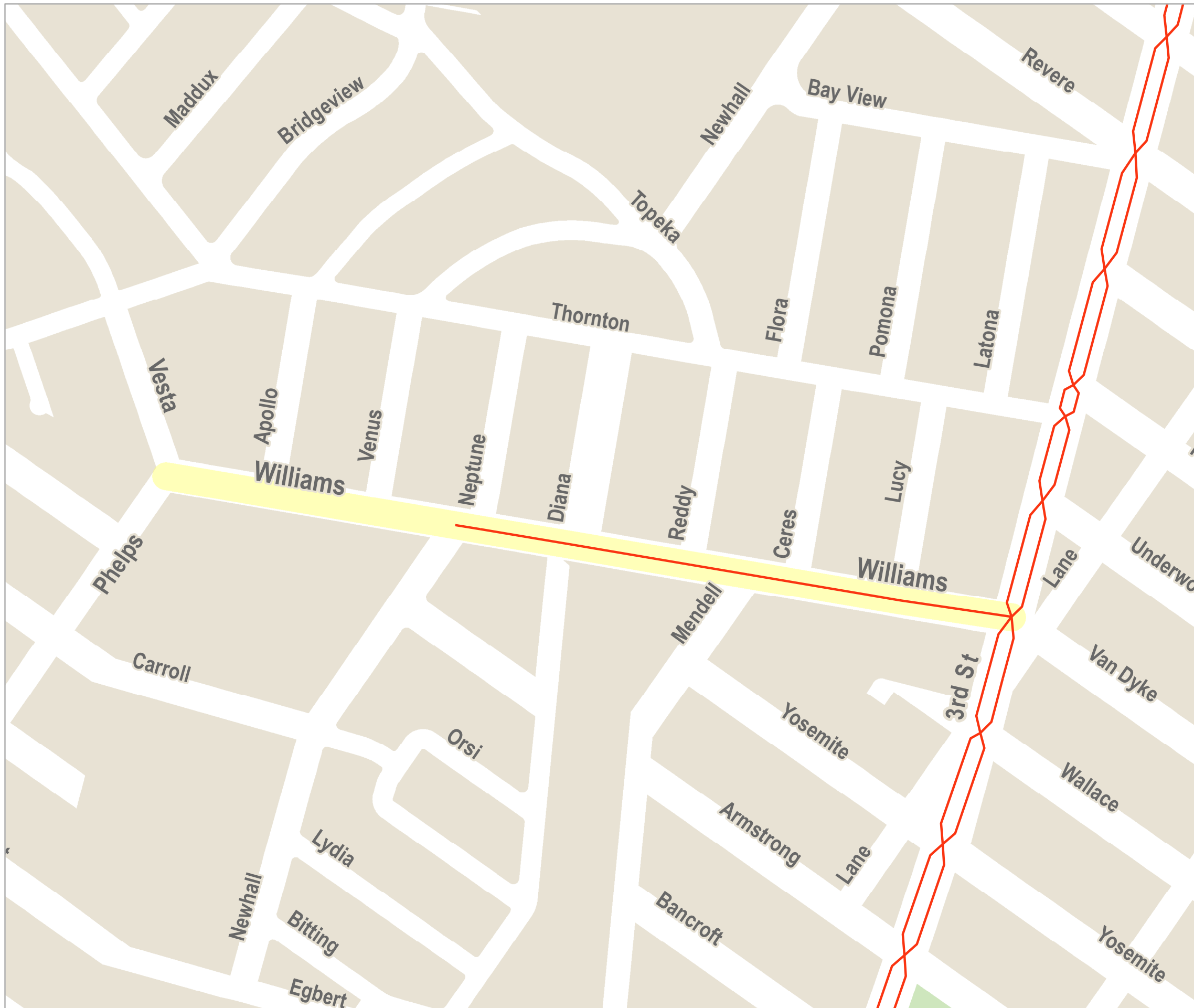
September 2020

Vision Zero High-Injury Network within the vicinity of the Williams Avenue Bayview Quick-Build Project, which spans Williams Avenue from 3rd Street to Vesta Street.

### LEGEND

 Vision Zero High-Injury Network

 Project Extents



0.055 miles

Scale 1:3,000

Date Saved: 9/25/2020

For reference contact: [jennifer.wong@sfmta.com](mailto:jennifer.wong@sfmta.com)

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### Travel Lane Reduction

Fewer travel lanes increase pedestrian safety and comfort when crossing the street. Reducing the number of travel lanes will also encourage driving at safer speeds, which reduces the risk of injury. Excess road space may be reallocated to angled parking spaces, painted medians, and painted buffers.



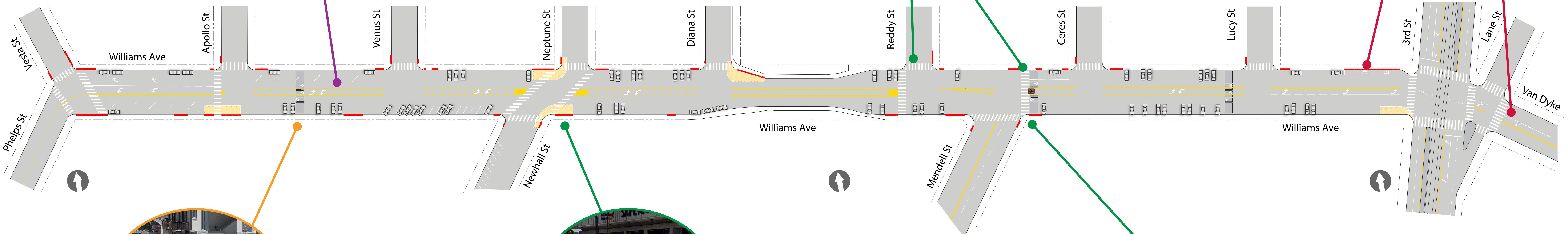
### Crosswalks Upgrades

Unmarked and traditional crosswalk markings can be upgraded to continental markings for greater visibility. A crosswalk can be raised to further help deter speeding.



### Transit Stop Changes

The existing flag stop on Williams Avenue at 3rd Street can be upgraded to a bus zone to enable passengers getting on and off the bus from the sidewalk. The flag stop on Van Dyke Avenue at 3rd Street can be removed to simplify the number of closely spaced stops.



### Speed Hump

Speed humps encourage drivers to travel at safe speeds. These are typically installed at midblock locations and are a form of traffic calming.



### Painted Safety Zones

Painted safety zones increase the visibility of pedestrians at crossings by keeping the corners of intersections clear. They also encourage drivers to turn at safer speeds and at a further distance away from people walking.



### Daylighting

Red zones painted at the corner of intersections help keep the area clear so that pedestrians waiting to cross the road are visible to all.

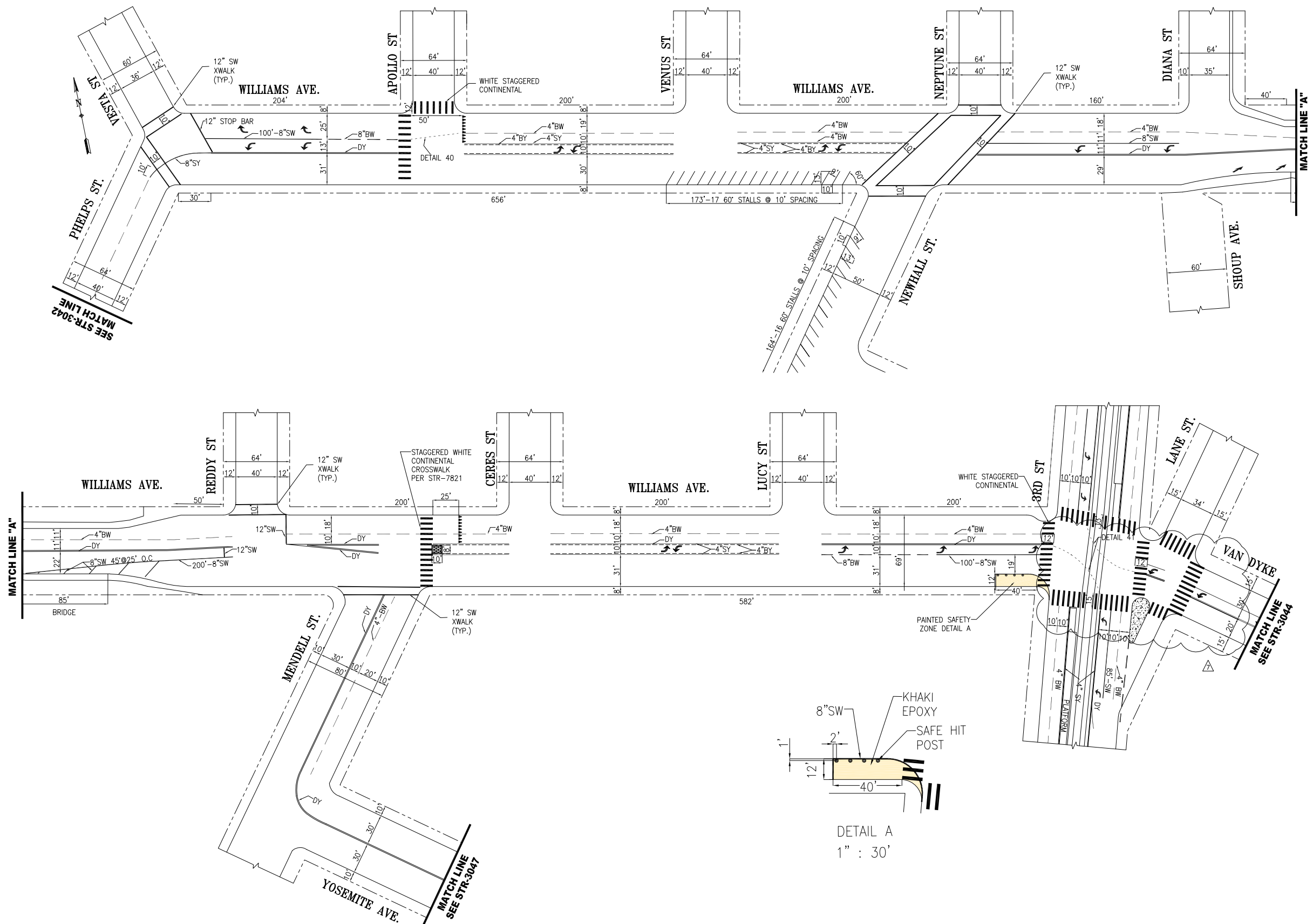


Please let us know what you think! Email us at [BayviewQB@sfmta.com](mailto:BayviewQB@sfmta.com)

For more information about this and other Bayview Quick-Build Safety Projects, we invite you to visit: [www.sfmta.com/BayviewQuickBuild](http://www.sfmta.com/BayviewQuickBuild)

**311 Free language assistance** / 免費語言協助 / Ayuda gratis con el idioma / Бесплатная помощь переводчиков / Libreng tulong para sa wikang Tagalog / Trợ giúp Thông dịch Miễn phí / Assistance linguistique gratuite / 無料の言語支援 / 무료 언어 지원 / การช่วยเหลือทาง ด้านภาษาโดยไม่เสียค่าใช้จ่าย / خط المساعدة المجاني على الرقم





NO.	DATE	DESCRIPTION	BY	APP
1	02/05/14	ADDED 10' X 8' ISLAND & YIELD LINE AT CERES STREET	RDM	DRC
2	02/05/14	ADJUST 8\"/>		

TABLE OF REVISIONS  
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION

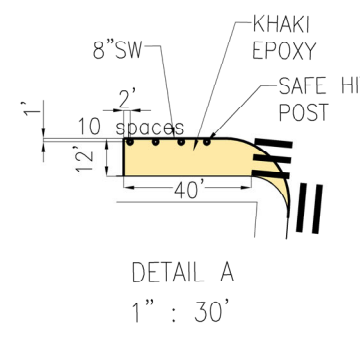
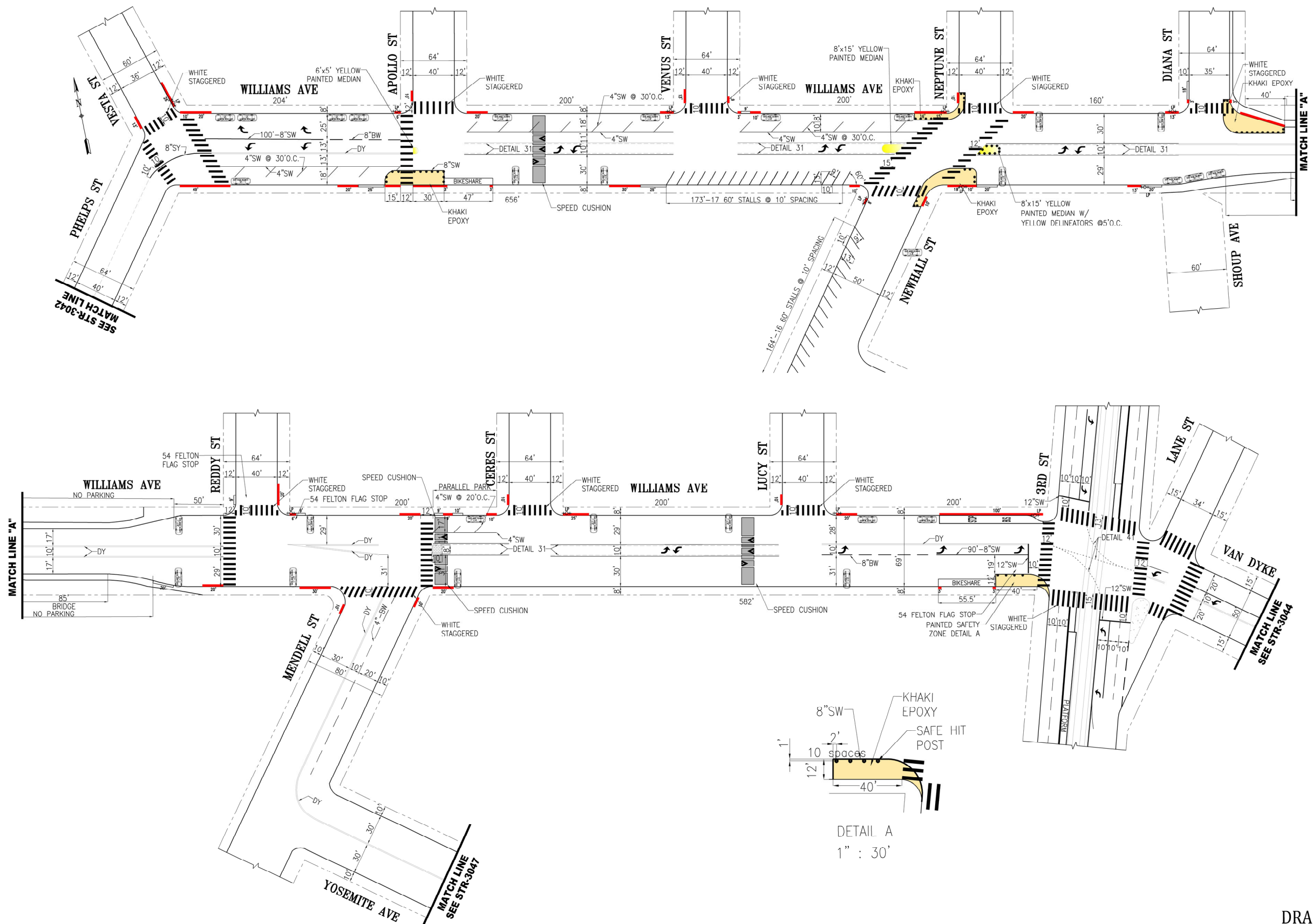


DRAWN:	DATE:	APPROVED:	SCALE:
D PADILLA/T ABDALLAH	04/09	THOMAS P FOLKS 5/2009	1"=50'
CHECKED:	DATE:	SENIOR ENGINEER	
T FOLKS	04/09	JACK L FLECK 5/2008	
		CITY TRAFFIC ENGINEER	

SHEET/SHEETS:	CONTRACT NO.
	STR-7798
	DRAWING NO.
	FILE NO.
	REV. NO.
	7

TRAFFIC STRIPING DRAWING

WILLIAMS AVENUE  
PHELPS STREET TO 3RD STREET



DRAFT WILLIAMS QB - June 2021

NO.	DATE	DESCRIPTION	BY	APP
1	06/06/16	DRAFT WILLIAMS QB	C.BECK	M.SALLABERRY
2	06/30/16	ADDED SHARK TEETH & WHITE CONTI XING APOLLO	J.BANKS	G.DeLEON
3	02/05/14	ADDED CONTINENTAL XWALKS & PAINTED SAFETY ZONE @ 3RD ST	L.STONEHILL	G.DeLEON
4	02/05/14	ADJUST 8"SY AT PHELPS PER FIELD CHECK	D.YEUNG	B.WOO
5	02/05/14	ADDED 10' X 8' ISLAND & YIELD LINE AT CERES STREET	R.DIMARCO	D.CURTIS
6	12/01/10	CHGED RG X-WALKS TO CONTI'S AT APOLLO, MENDELL	D.PROVENCE	M.VELASCO

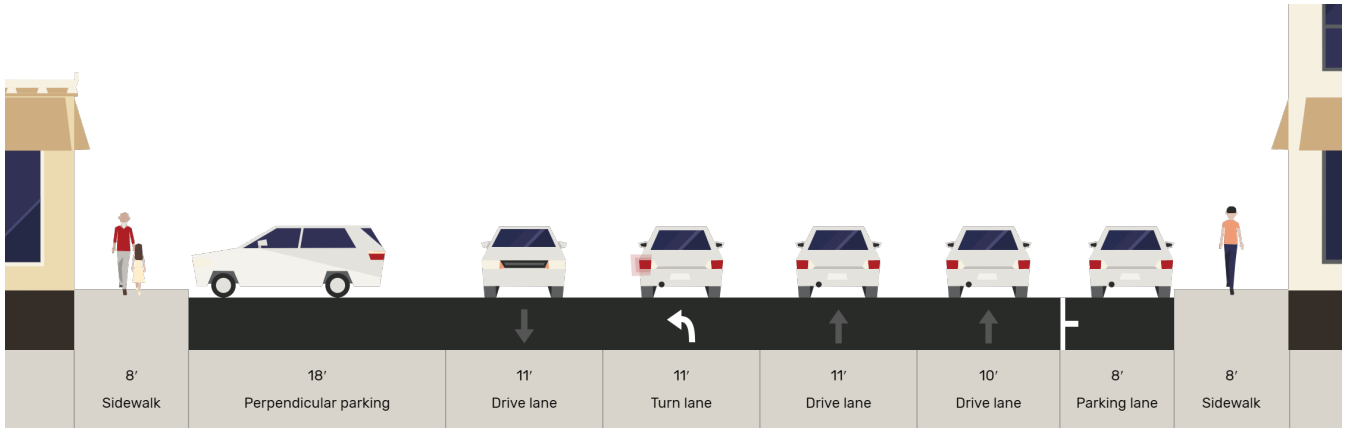
TABLE OF REVISIONS  
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION



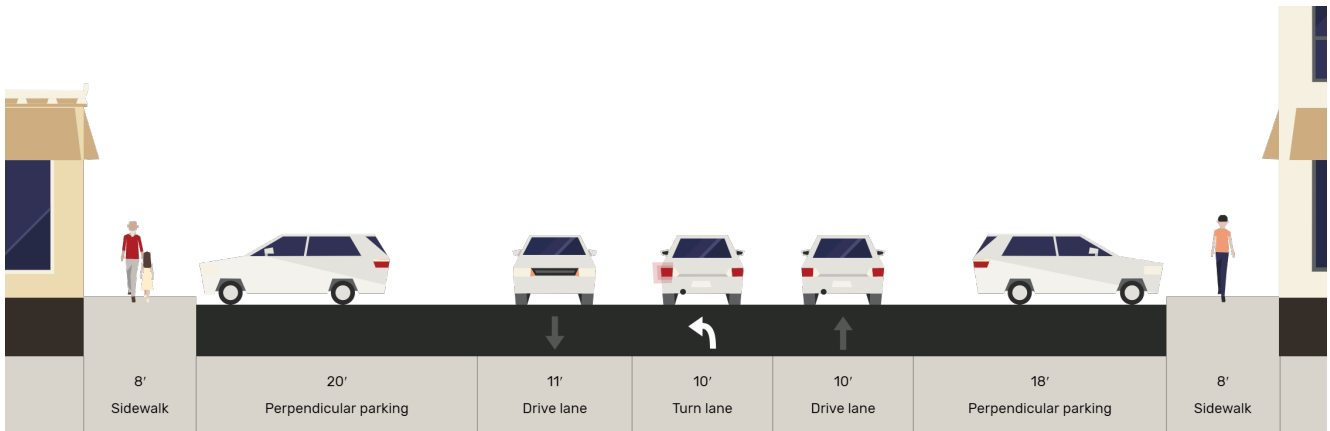
SUPERSEDES STR-3046 REV 12	APPROVED THOMAS P FOLKS 5/2009 SENIOR ENGINEER	SCALE: 1" = 50'
DRAWN: T.ABDALLAH	DATE: 04/2009	SHEET/SHEETS:
CHECKED: T.FOLKS	DATE: 04/2009	
	APPROVED JACK L. FLECK 5/2008 CITY TRAFFIC ENGINEER	

CONTRACT NO.	TRAFFIC STRIPING DRAWING
DRAWING NO. STR-7798	
FILE NO.	
REV. NO. DRAFT	WILLIAMS AVENUE PHELPS STREET TO 3RD STREET

FILE NAME  
DATE: --/--/---



*Typical Existing Cross-Section of Williams Avenue*



*Typical Proposed Cross Section of Williams Avenue*

Williams Avenue SFPD Traffic Collisions

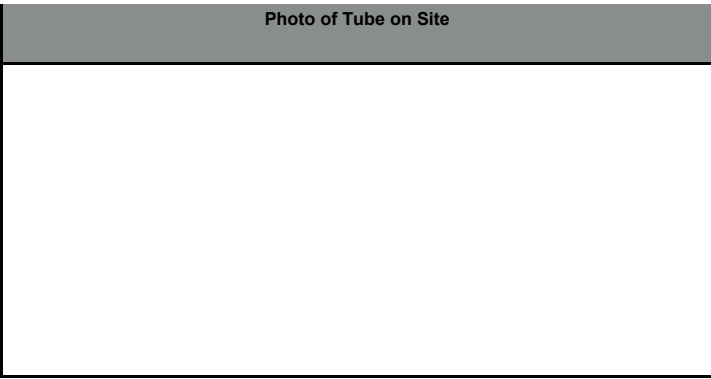
2015 - 2020

case_id_pke	distance	direction	pcf_viol_category	type_of_collision	violation	collision_date	primary_rd	secondary_rd	intersection	lighting	number_of_collisions	number_of_pedestrians_involved	dph_col_grp	description	ped_action	party2_move_pre_acc	Collision One-Liner
150898690	60	West	Unsafe starting or backing on highway	Rear End	Other Mot	20151014	WILLIAMS AVE	03RD ST	Intersect	Daylight	0	1	Vehicle(s) Only Involve	No Pedestrian Involved	Stopped In Road	Rear end - distraction	
151051657	0	Not Stated	Driver or bicyclist to yield right-of-way at crosswalks	Vehicle/Ped	Pedestrian	20151204	WILLIAMS AVE	APOLLO ST	Intersect	Dark - Street	0	1	Vehicle-Pedestrian	Crossing in Crosswalk at In	Proceeding Straight	Driver struck ped in crosswalk	
160042285	20	West	Failure to keep to right side of road	Broadside	Other Mot	20160115	WILLIAMS AVE	APOLLO ST	Intersect	Dark - Street	0	3	Vehicle(s) Only Involve	No Pedestrian Involved	Making Left Turn	M/C driving on the wrong side of the road hit left-turning vehicle	
160041754	0	Not Stated	Driver or bicyclist to yield right-of-way at crosswalks	Vehicle/Ped	Pedestrian	20160115	WILLIAMS AVE	03RD ST	Intersect	Daylight	0	1	Vehicle-Pedestrian	Crossing in Crosswalk at In	Proceeding Straight	Hit and Run - victim in wheelchair	
160072282	26	South	Driving under influence of alcohol and/or drugs	Vehicle/Ped	Pedestrian	20160125	WILLIAMS AVE	APOLLO ST	Midblock	Dark - Street	0	2	Vehicle-Pedestrian	Crossing in Crosswalk at In	Other	Hit and Run - DUI Suspicion - Hit two peds	
160251709	0	Not Stated	Bicyclist riding under the influence	Other	Non-Collisi	20160326	WILLIAMS AVE	NEPTUNE ST	Intersect	Dark - Street	0	1	Bicycle Only	No Pedestrian Involved		DUI bike rider solo crash	
160404679	8	South	Driver or bicyclist to yield right-of-way at crosswalks	Vehicle/Ped	Pedestrian	20160517	WILLIAMS AVE	PHELPS ST	Intersect	Daylight	0	1	Vehicle-Pedestrian	Crossing in Crosswalk at In	Not Stated	Missing Report	
170316020	0	Not Stated	Red signal - pedestrian responsibilities	Vehicle/Ped	Pedestrian	20170417	WILLIAMS AVE	03RD ST	Intersect	Dark - Street	0	1	Vehicle-Pedestrian	Crossing in Crosswalk at In	Proceeding Straight	Ped entered intersection against light	
170354995	90	West	Following too closely prohibited	Rear End	Other Mot	20170430	WILLIAMS AVE	NEWHALL ST	Intersect	Dark - Street	0	1	Vehicle(s) Only Involve	No Pedestrian Involved	Slowing/Stopping	Rear end - multiple vehicles	
170362766	20	East	Driver or bicyclist to yield right-of-way at crosswalks	Head-On	Pedestrian	20170503	WILLIAMS AVE	APOLLO ST	Intersect	Daylight	0	1	Vehicle-Pedestrian	Crossing in Crosswalk Not	Proceeding Straight	Driver hit ped in xwalk as they exited FoodCo driveway	
170733521	0	Not Stated	Red signal - driver or bicyclist responsibilities	Not Stated	Not Stated	20170908	WILLIAMS AVE	03RD ST	Intersect	Daylight	0	2	Vehicle(s) Only Involve	No Pedestrian Involved	Making Left Turn	NBLT with SBThru - Red light running	
170977666	0	Not Stated	Driver or bicyclist to yield right-of-way at crosswalks	Vehicle/Ped	Pedestrian	20171202	PHELPS ST	VESTA ST	Intersect	Dark - Street	0	1	Vehicle-Pedestrian	Crossing in Crosswalk at In	Proceeding Straight	Hit and Run - Ped in Xwalk	
171044171	105	West	Following too closely prohibited	Rear End	Motor Veh	20171227	WILLIAMS AVE	LUCY ST	Intersect	Dark - Street	0	1	Vehicle(s) Only Involve	No Pedestrian Involved	Stopped In Road	Pulled into traffic and into other car	
180436884	0	Not Stated	Failure to stop at STOP sign	Broadside	Other Mot	20180612	WILLIAMS AVE	NEWHALL ST	Intersect	Daylight	0	3	Vehicle(s) Only Involve	No Pedestrian Involved	Making Left Turn	DUI high speed	
180752442	0	Not Stated	Entering highway from alley or driveway	Broadside	Other Mot	20181004	WILLIAMS AVE	LUCY ST	Intersect	Daylight	0	1	Vehicle(s) Only Involve	No Pedestrian Involved	Proceeding Straight	Multiple lane threat due to box truck double parked	
180893080	40	East	Failure to keep to right side of road	Head-On	Other Mot	20181126	WILLIAMS AVE	CERES ST	Midblock	Daylight	0	2	Vehicle(s) Only Involve	No Pedestrian Involved	Slowing/Stopping	M/C driving on the wrong side of the road hit oncoming truck	
190305207	0	Not Stated	Following too closely prohibited	Rear End	Other Mot	20190429	WILLIAMS AVE	NEWHALL ST	Intersect	Daylight	0	1	Vehicle(s) Only Involve	No Pedestrian Involved	Stopped	Hit and Run - Rear end	
190799343	0	Not Stated	Driver or bicyclist to yield right-of-way at crosswalks	Head-On	Pedestrian	20191023	WILLIAMS AVE	MENDELL ST	Intersect	Daylight	0	1	Vehicle-Pedestrian	Crossing in Crosswalk at In	Proceeding Straight	Driver struck ped in crosswalk	
200375198	0	Not Stated	Unsafe starting or backing on highway	Not Stated	Parked Mo	20200622	WILLIAMS AVE	CERES ST	Intersect	Daylight	0	1	Vehicle(s) Only Involve	No Pedestrian Involved	Parked	Missing Report	
200582876	0	Not Stated	Red signal - driver or bicyclist responsibilities	Not Stated	Parked Mo	20200927	WILLIAMS AVE	03RD ST	Intersect	Dusk - D	0	1	Vehicle(s) Only Involve	No Pedestrian Involved	Proceeding Straight	EBThru with SBThru - Red light running	

Location/Site: Williams Ave btwn Ceres St & Lucy St  
 Data Collector (Name): Quality Counts

**ADT Volume and Speed Summary**

Site Characteristics	
<b>FOR DATA COLLECTOR TO COMPLETE</b>	
Location (primary street name)	Williams Ave
Between (minor street name)	Ceres St
And (minor street name)	Lucy St
Direction 1	Westbound
Direction 2	Eastbound
CNN of Location & Direction 1	Test
CNN of Location & Direction 2	Test
Time Period(s)	24 hrs
Date Range (incl. days of week)	
Date Day 1 (date)	11/19/2019 Tuesday
Date Day 2 (date)	
Date Day 3 (date)	N/A



Coordinates	
Latitude / Longitude Location of Tube	2/6/1900 #####

Vehicle Classification Data Available	Y   N
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Analyze By	
Time Group:	Total Day
Xth Percentile:	95

**Traffic Direction - N/W**

ADT Volume and Speed Data										
Time Period		Vehicle Counts				Vehicle Speed				
Traffic Direction (N or W)	Date	ADT	Exceed 20 mph	Exceed 30 mph	Exceed 40 mph	Mean	1 STDev	Median Speed	85th Percentile	95 th Percentile
Westbound	11/19/2019	3505	92.3%	23.0%	0.4%	26.1	5.0	26.1	31.6	
Westbound	1/0/1900	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	
Westbound	N/A	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	
Summary (Average over # of days)										

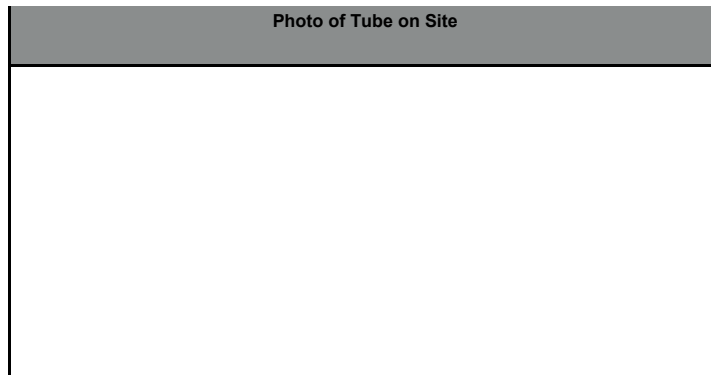
**Traffic Direction - S/E**

ADT Volume and Speed Data										
Time Period		Vehicle Counts				Vehicle Speed				
Traffic Direction (N or W)	Date	ADT	Exceed 20 mph	Exceed 30 mph	Exceed 40 mph	Mean Speed	1 STDev	Median Speed	85th Percentile	95 th Percentile
Eastbound	11/19/2019	4223	83.4%	12.0%	0.3%	24.1	5.2	24.0	29.1	
Eastbound	1/0/1900	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	
Eastbound	N/A	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	
Summary (Average over # of days)										

Location/Site: Williams Ave btwn Vesta St & Neptune St  
 Data Collector (Name): Quality Counts

**ADT Volume and Speed Summary**

Site Characteristics	
<b>FOR DATA COLLECTOR TO COMPLETE</b>	
Location (primary street name)	Williams Ave
Between (minor street name)	Vesta St
And (minor street name)	Neptune St
Direction 1	Westbound
Direction 2	Eastbound
CNN of Location & Direction 1	Test
CNN of Location & Direction 2	Test
Time Period(s)	24 hrs
Date Range (incl. days of week)	
Date Day 1 (date)	12/5/2019 Thursday
Date Day 2 (date)	
Date Day 3 (date)	N/A



Coordinates	
Latitude / Longitude Location of Tube	2/6/1900 #####

Vehicle Classification Data Available	Y   N
---------------------------------------	-------

Analyze By	
Time Group:	Total Day
Xth Percentile:	95

**Traffic Direction - N/W**

ADT Volume and Speed Data										
Time Period		Vehicle Counts				Vehicle Speed				
Traffic Direction (N or W)	Date	ADT	Exceed 20 mph	Exceed 30 mph	Exceed 40 mph	Mean	1 STDev	Median Speed	85th Percentile	95 th Percentile
Westbound	12/5/2019	4181	90.4%	12.7%	0.1%	24.8	4.7	25.0	29.2	
Westbound	1/0/1900	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	
Westbound	N/A	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	
Summary (Average over # of days)										

**Traffic Direction - S/E**

ADT Volume and Speed Data										
Time Period		Vehicle Counts				Vehicle Speed				
Traffic Direction (N or W)	Date	ADT	Exceed 20 mph	Exceed 30 mph	Exceed 40 mph	Mean Speed	1 STDev	Median Speed	85th Percentile	95 th Percentile
Eastbound	12/5/2019	4337	81.0%	6.6%	0.0%	23.1	4.6	23.0	28.1	
Eastbound	1/0/1900	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	
Eastbound	N/A	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	
Summary (Average over # of days)										

# Muni Transit Network

## Bayview Quick-Build Project: Williams Avenue

September 2020

Muni transit network within the vicinity of the Williams Avenue Bayview Quick-Build Project, which spans Williams Avenue from 3rd Street to Vesta Street.

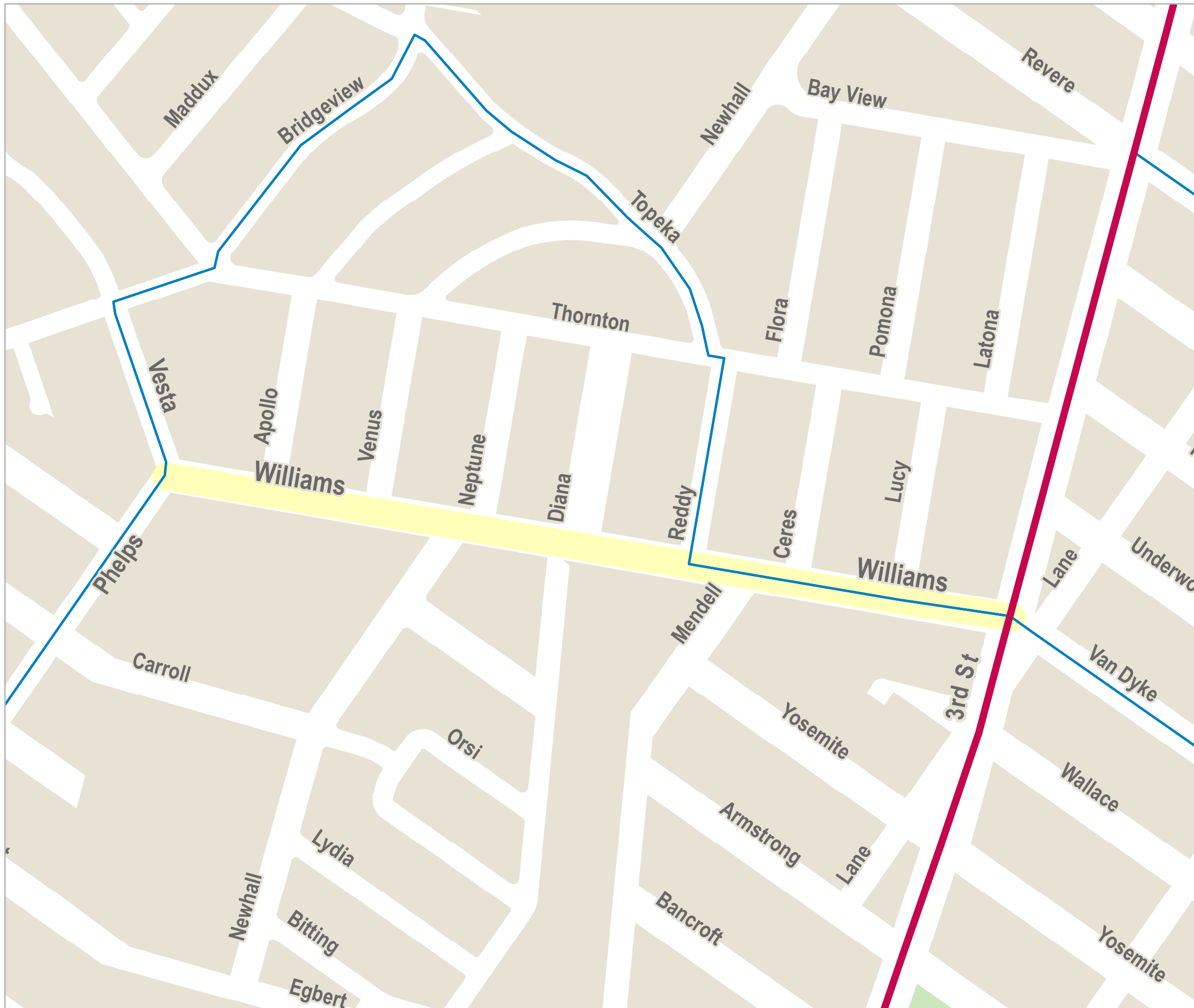
### LEGEND

#### Muni Routes

 T Third Street

 54 Felton

#### Project Extents



0.055 miles

Scale 1:3,000

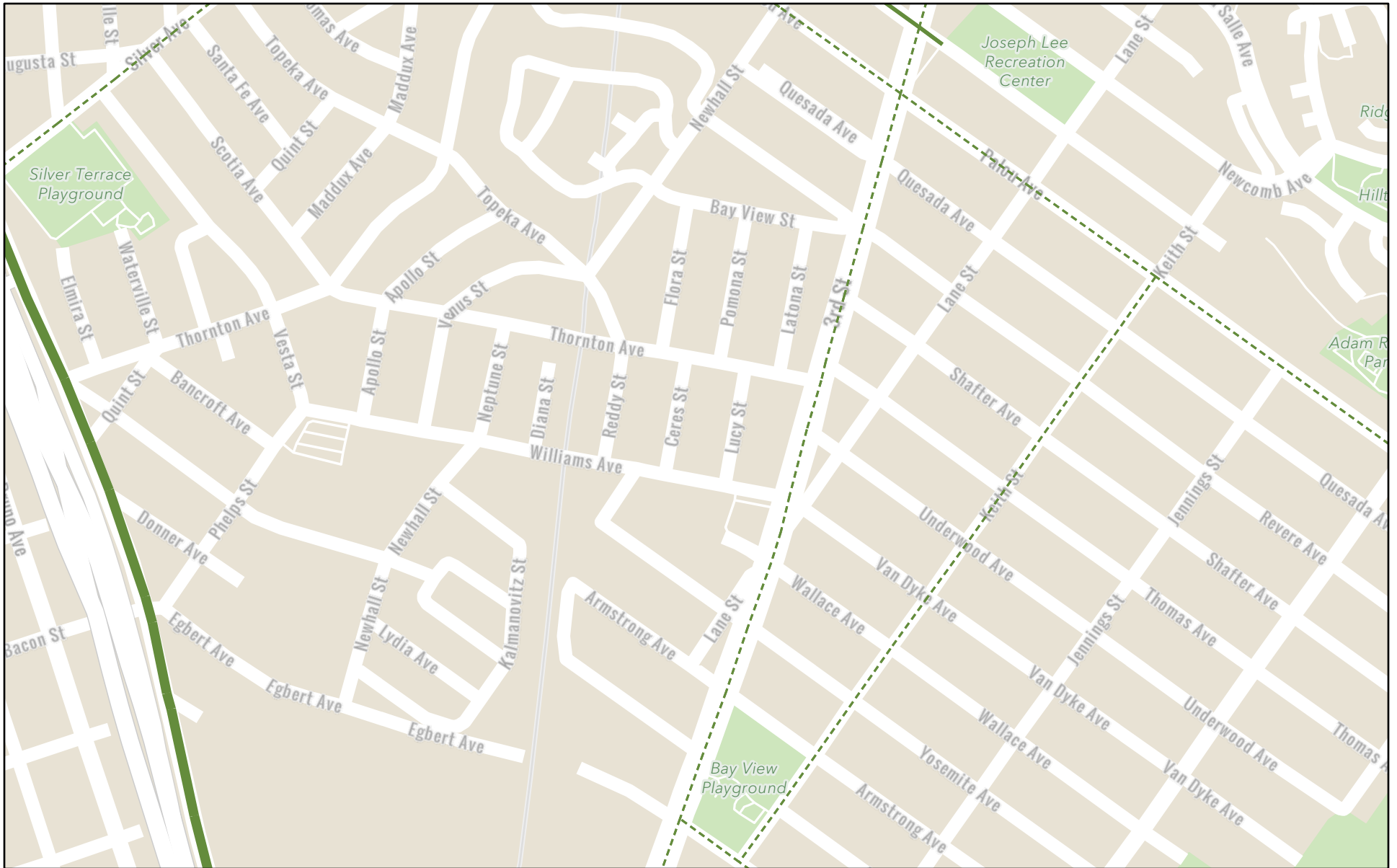
Date Saved: 9/25/2020

For reference contact: [jennifer.wong@sfmta.com](mailto:jennifer.wong@sfmta.com)

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# San Francisco Bikeway Network

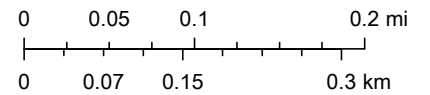


9/25/2020, 10:48:09 AM

Bikeway Network

-  Bike Lane
-  Separated Bikeway
-  Bike Route

1:9,028



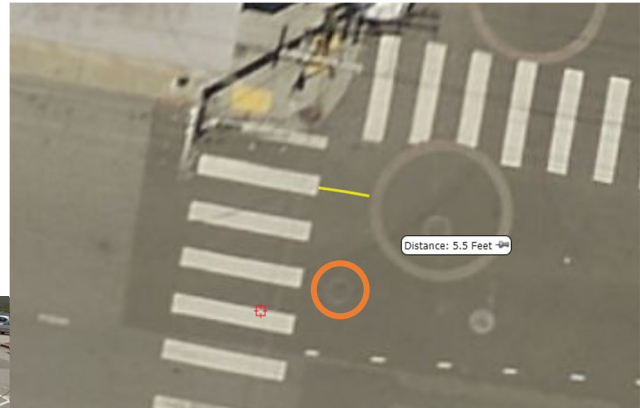


Subject: Evaluate Williams Avenue for vertical deflection devices to be built as part of the Quick-Build scope.

*Raised Crosswalks*

Apollo Street/Foods Co

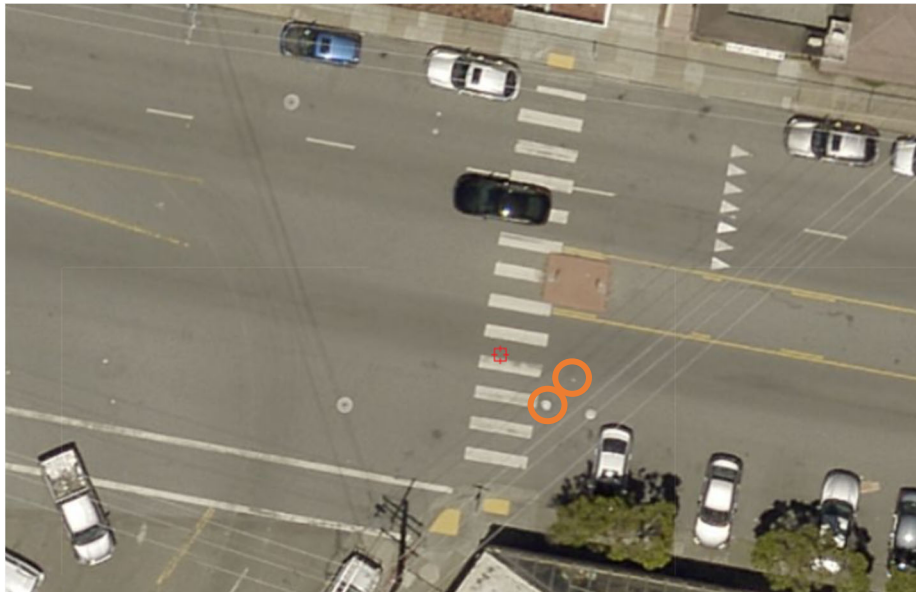
Cistern and adjacent maintenance holes within 6' of the existing crosswalk.



Two in-pavement utility conflicts on either side of the south side of the crosswalk approximately 28' apart. Future site of RRFB. Detailed design to begin 2021.

Conclusion: Installing a raised crosswalk at this location is infeasible due to utility conflicts. Could narrow xwalk – field check.

Mendell Street



Three in-pavement utilities and the center median conflict with a raised crosswalk.

Conclusion: Installing a raised crosswalk at this location is infeasible due to utility conflicts.

Installing a raised crosswalks at the ALL-WAY STOP of Williams/Newhall/Neptune would have little to no effect on reducing traffic speed and will not be recommended.

#### *Speed Humps*

No Muni transit runs on Williams between Reddy and Vesta/Phelps.

The mid-point between STOP-controlled intersections is the block [between Apollo and Venus](#).

In-pavement utilities are sufficiently spaced

Conclusion: Installing a speed hump between Apollo and Venus is feasible.

#### *Speed Tables*

Muni route 54 Felton on Williams between Reddy and 3<sup>rd</sup> Street.

The mid-point between controlled intersections is the block [between Ceres and Lucy](#).

A speed table could be placed on the short block between Mendell and Ceres. With the existing center median island, spacing the traffic calming features should lower traffic speeds on a greater stretch of Williams Ave.

In-pavement utilities are sufficiently spaced

Conclusion: Installing a speed table between Apollo and Venus is feasible.

Consider two between Reddy and 3<sup>rd</sup> given the corridor nature of the project



Williams Avenue at 3<sup>rd</sup> Street - Looking west

10/19/2020



Williams Avenue at Venus Street - Looking east

10/19/2020