

## SFMTA - TASC SUMMARY SHEET

<p><b>PreStaff_Date:</b> 6/10/2021</p> <p><b>Requested_by:</b> SFMTA</p> <p><b>Handled:</b> Daniel Mackowski <span style="color: blue;">DNM</span></p> <p><b>Section Head :</b> CL <span style="color: blue;">MV for CL</span></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> <small>PH - Regular</small></p>	<p><b>No objections:</b> _____</p> <p><b>Item Held:</b> _____</p> <p><b>Other:</b> _____</p>
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**Location:** Webster Street at Geary Boulevard

**Subject:** No Turn on Red

**PROPOSAL / REQUEST:**

ESTABLISH - NO TURN ON RED  
Webster Street, northbound and southbound, at Geary Boulevard  
(Supervisor District 5)

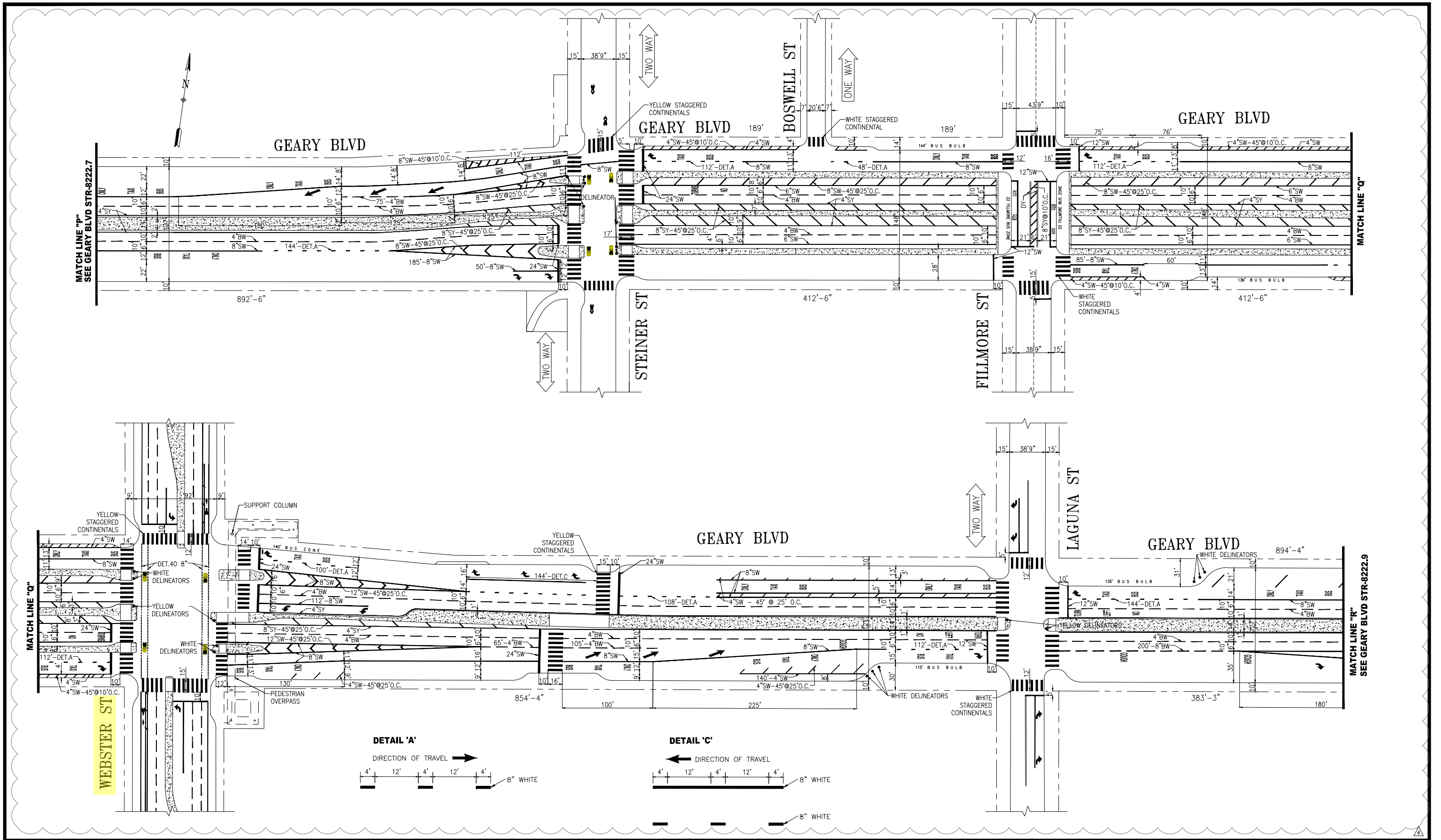
Daniel Mackowski, daniel.mackowski@sfmta.com

**BACKGROUND INFORMATION / COMMENTS**

Proposal to restrict turns on red due to presence of pedestrians and bicyclists with a leading signal interval.

The Geary Rapid Project installed new surface-level pedestrian crosswalks on both sides to cross Geary, as well as cross-bike markings to guide bicyclists through this intersection on Webster. Both users receive a head start to proceed through the intersection by the traffic signal. These vehicle turn restrictions, suggested by a member of the community, would help improve safety for pedestrian and bicyclists from vehicles encroaching into the intersection on red. There have been no recorded collisions at this intersection since the new traffic signal system was activated on January 21, 2021, though data past March is not currently available.

<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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NO.	DATE	DESCRIPTION	BY	APP
Δ	XX/XX/21	GEARY RAPID PROJECT: ADDED EDGELINES TO REALIGNED TRANSIT-ONLY LANES.	D.MACKOWSKI	M.VELASCO
Δ	12/19/19	UPDATED STEINER & WEBSTER PER FIELD CONDITIONS	D.MACKOWSKI	M.VELASCO
Δ	04/19/19	ADDED DY AND RIGHT TURN LANES ON LAGUNA, NB & SB	H.YU	M.VELASCO
Δ	11/05/18	ADDED TRANSIT-ONLY LANES; ADVANCED LIMIT LINES @ LAGUNA; WESTBOUND RIGHT TURN @ STEINER & FILLMORE; PSZ @ WEBSTER	D.MACKOWSKI	M.VELASCO

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



SUPERSEDES STR-3473.1 REV. 28

DRAWN: P. YUEN  
DATE: 07/18/16  
CHECKED: D. MACKOWSKI  
DATE: 08/08/16

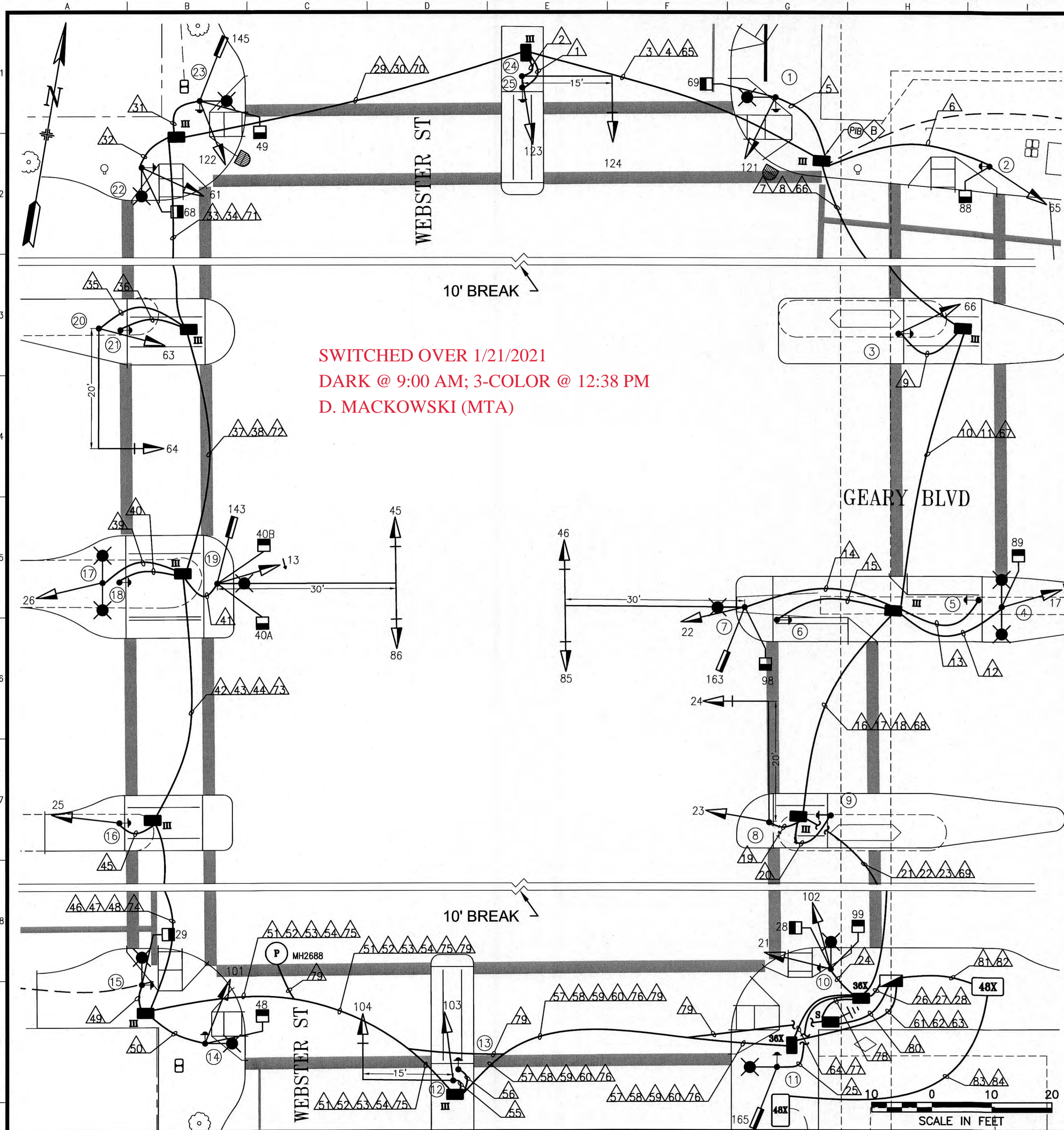
APPROVED  
THOMAS P. FOLKS 01/23/17  
SENIOR ENGINEER  
DATE: 01/23/17  
RICARDO OLEA 01/24/17  
CITY TRAFFIC ENGINEER  
DATE: 01/24/17

SCALE: 1" = 50'  
SHEET/SHEETS: 9 OF 12

TRAFFIC STRIPING  
GEARY BOULEVARD  
SCOTT STREET TO LAGUNA STREET

CONTRACT NO.  
DRAWING NO. STR-8222.8  
FILE NO.  
REV. NO. 4

FILE NAME: /  
DATE: /

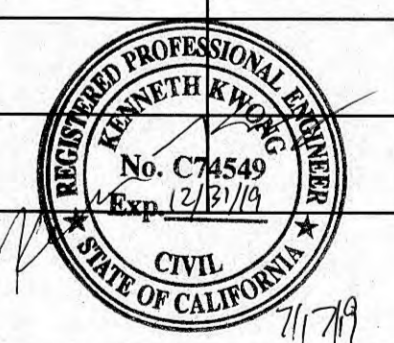
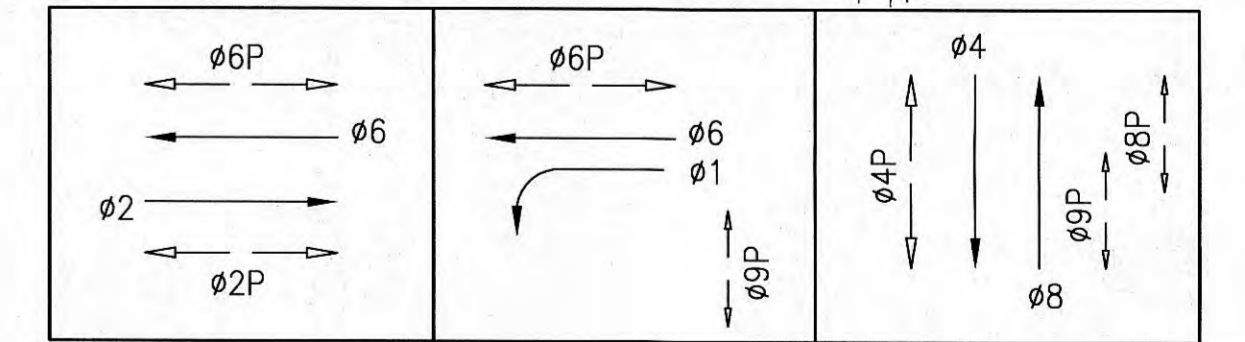


POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	FIXTURE TYPE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
1	STEEL STREET LIGHT 6' LUMINAIRE ARM	A1 108	121	3S12"	SV-1-T	T		69	1S-COUNT	SP-1	APS A
2	1-A (10')		65	3S12"	TV-1-T	T		88	1S-COUNT	SP-1	APS A
3	1-A (10')		66	3S12"	TV-1-T	T					APS A
4	DUAL STEEL STREET LIGHT 6' LUMINAIRE ARMS	A2 108	17	3S12"LA	SV-1-T	T		89	1S-COUNT	SP-1	MOUNT 17 AT 4'
5	PEDESTRIAN PUSH BUTTON										APS A
6	PEDESTRIAN PUSH BUTTON										APS A
7	19-3-100 W/ 30' MAST ARM	A1 108	22 163 46 85	3S12"GSA 3S12"BIKE 3S12" 3S12"	SV-2-TA MAS MAS	T T T	LOUVERS BP BP	98	1S-COUNT	SP-1	
8	16-3-100 W/ 20' MAST ARM		23 24	3S12" 3S12"GSA	SV-1-T MAS	T T	BP				
9	PEDESTRIAN PUSH BUTTON										APS A
10	STEEL STREET LIGHT 6' LUMINAIRE ARM	A1 108	21 102	3S12" 3S12"	SV-2-TA	T T		28 99	1S-COUNT 1S-COUNT	SP-2-T	APS A
11	STEEL STREET LIGHT 6' LUMINAIRE ARM	A1 108	165	3S12"BIKE	SV-1-T	T	LOUVERS				APS A
12	16-2-100 W/ 15' MAST ARM		103 104	3S12" 3S12"	SV-1-T MAS	T T	BP				
13	PEDESTRIAN PUSH BUTTON										APS A
14	STEEL STREET LIGHT 6' LUMINAIRE ARM	A1 108	101	3S12"	SV-1-T	T		48	1S-COUNT	SP-1	APS A
15	STEEL STREET LIGHT 6' LUMINAIRE ARM	A1 108						29	1S-COUNT	SP-1	APS A
16	1-A (10')		25	3S12"GSA	TV-1-T	T					APS A
17	DUAL STEEL STREET LIGHT 6' LUMINAIRE ARMS	A2 108	26	3S12"GSA	SV-1-T	T					
18	PEDESTRIAN PUSH BUTTON										APS A
19	19-3-100 W/ 30' MAST ARM	A1 108	13 143 45 86	3S12"LA 3S12"BIKE 3S12" 3S12"	SV-2-TA MAS MAS	T T T	LOUVERS BP BP	40A 40B	1S-COUNT 1S-COUNT	SP-2-T	
20	16-3-100 W/ 20' MAST ARM		63 64	3S12" 3S12"GSA	SV-1-T MAS	T T	BP				
21	PEDESTRIAN PUSH BUTTON										APS A
22	STEEL STREET LIGHT 6' LUMINAIRE ARM	A1 108	61	3S12"	SV-1-T	T		68	1S-COUNT	SP-1	APS A
23	STEEL STREET LIGHT 6' LUMINAIRE ARM	A1 108	122 145	3S12" 3S12"BIKE	SV-2-TA	T T	LOUVERS	49	1S-COUNT	SP-1	APS A
24	16-2-100 W/ 15' MAST ARM		123 124	3S12" 3S12"	SV-1-T MAS	T T	BP				
25	PEDESTRIAN PUSH BUTTON										APS A

**SHEET NOTES:**

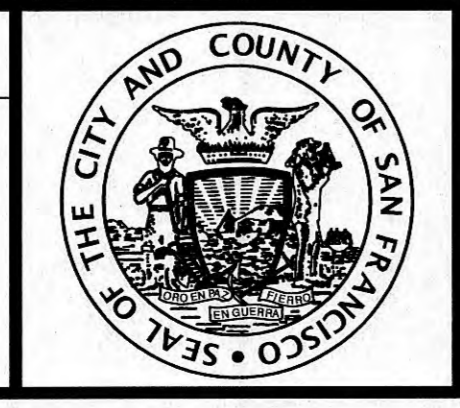
- A CONTRACTOR TO PROVIDE APS WIRING. CITY FORCES TO PROVIDE APS PUSH BUTTON PER ADA REQUIREMENTS.
- B SPLICE AND RECONNECT EXISTING STREET LIGHT EAST OF CORNER INTO STREET SERVICE.

**PHASE DIAGRAM**



NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				

REFERENCE INFORMATION & FILE NO. OF SURVEYS



**BUREAU OF ENGINEERING**  
CITY & COUNTY OF SAN FRANCISCO  
SAN FRANCISCO PUBLIC WORKS  
30 VAN NESS AVENUE, 5TH FLOOR  
SAN FRANCISCO, CA 94102 - 8028

Section Mgr: PHILIP THWIN  
Deputy Bureau Mgr: IQBALBHAI DHAPA  
Bureau Mgr: PATRICK RIVERA

DESIGNED: DG/DM 05/2019  
DRAWN: DG/DM 05/2019  
CHECKED: SL/KK 05/2019



SCALE: AS SHOWN  
SHEET OF SHEETS: 209 OF 276

**GEARY RAPID WEST OF VAN NESS SURFACE CONTRACT**  
**WEBSTER STREET AND GEARY BOULEVARD TRAFFIC SIGNAL PLAN**

CONTRACT NO. 1000008388  
DRAWING NO. E-12.1  
FILE NO. 110,929  
REV. NO. 0

**Geary and Webster**

DESCRIPTION: Through PW2608J Geary Rapid West Surface 1000008388: Install new 340ITS cabinet & 2070 controller, and install φ4P, φ8P & φ9P PCS and φ14 and φ16 bike signals. Remove cascade (φ10 & φ12). Update FRH, MinGreen, splits and recovery min green. Update preemption sheets.

CHANGE: 35  
 CNN #: 26587000  
 ENGINEER: Daniel Mackowski  
 Revision Date: 10/29/2020  
 Programmed by: RD  
 Installed by: RD/DV/DG  
 Date Completed: 1/21/2021

NOTES: Page 1 of 10 Clock reset time = 4 AM

PHASE	STREET	EmerFlash	ProgFlash	Controller:	
1	Geary WBLT	R	n/a	Cabinet:	2070
2	Geary EB	R	n/a	Oper. Date:	12/5/1961
4	Webster SB	R	n/a	System:	Mid-Geary
6	Geary WB	R	n/a	Master:	Baker
8	Webster NB	R	n/a		

12:58

Actuation       Transit Priority       Preemption

**Steady Demand Sequence**

X = YES	-- = NO	S	M	T	W	T	F	S	CYCLE	SPLIT	OFFSET	FLASH
6:00	to 13:00	--	X	X	X	X	X	--	2	1	2	--
13:00	to 21:00	--	X	X	X	X	X	--	3	1	3	--
ALL OTHER TIMES		X	X	X	X	X	X	X	1	1	1	--

STREET	PHASE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Geary WBLT	1			R			G	Y													
Geary EB	2		G + G†		Y																
Webster SB	4							R						G				Y		R	
Geary WB	6						G + G†			Y											
Webster NB	8								R						G				Y		R
Webster SB Bike	14																				
Webster NB Bike	16																				
Peds Xing Webster SS	2P																				
Peds Xing Geary WS	4P																				
Peds Xing Webster NS	6P																				
Peds Xing Geary ES (North)	8P																				
Peds Xing Geary ES (South)	9P																				

ws3.0

CSO	CYCLE (seconds)	OFFSET (seconds)	SIGNAL INTERVALS (seconds)																			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
111	105.0	86	12.0	12.0	9.0	4.5	2.5	6.0	4.0	0.5	2.5	3.0	1.0	23.0	4.0	12.0	1.0	2.0	2.0	4.0		
212	105.0	98	14.0	10.0	11.0	4.5	2.5	4.0	4.0	0.5	2.5	3.0	1.0	23.0	4.0	12.0	1.0	2.0	2.0	4.0		
313	105.0	54	7.0	17.0	4.0	4.5	2.5	11.0	4.0	0.5	2.5	3.0	1.0	23.0	4.0	12.0	1.0	2.0	2.0	4.0		

Geary and Webster

CHANGE

35

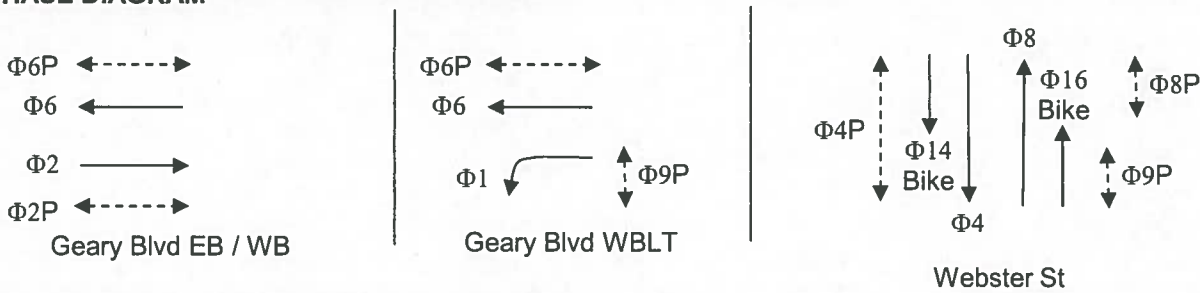
# SECTION 2: BASE TIMING, ACTUATION, COORDINATION SETTINGS

10/29/2020

Geary and Webster

Page 2 of 10

## PHASE DIAGRAM



Are there conflicting protected left turn phases? n/a

## BASE TIMINGS:

Phase Movement	1	2	3	4	6	7	8	9P	14	16
	WBLT	EB		SB	WB		NB	ESP South	SB Bike	NB Bike
Absolute Min Green (whole #)	4	21		37	22		37		39	39
Early Walk				3			3		--	--
Yellow	4.0	4.5		4.0	4.5		4.0	4.0	3.0	3.0
Red Clearance	3.0	2.5		4.0	2.5		4.0	4.0	6.0	6.0
Absolute Min Walk (whole #)		7		4	7		4	5		
FRH (whole #)		21		40	22		13	17		

## ACTUATION: \*\* if Actuation setting vary by plan, use special comments.

Phase	1	2	3	4	6	7	8	9P	14	16
Vehicle Det Type	NONE	NONE		NONE	NONE		NONE		NONE	NONE
Ped Detection		NONE		NONE	NONE		NONE	NONE		
Vehicle Recall (Max, Min, Soft or None)	MAX	MAX		MAX	MAX		MAX		MAX	MAX
Absolute Min Green (same as above)	4	21		37	22		37		39	39
Vehicle Extension (seconds)	--	--		--	--		--		--	--
Max Green (only used for FREE)	6	33		41	46		41		43	43
Pedestrian Recall (Yes or No)		YES		YES	YES		YES	YES		
Ped Recycle (Yes or No)		YES		YES	YES		YES	YES		
Walk Expand (Yes or No)		YES		YES	YES		YES	YES		

## COORDINATION (phase splits = Max G + Y + R Clearance)

Phase	Cycle length	1	2	3	4	6	7	8	9P	14	16	Offset (from page 1)
Dial 1 Splits	105	13	40		52	53		52	65	52	52	86
Min Transition	99	11	36		52	47		52	63	52	52	
Max Transition	141	20	69		52	89		52	72	52	52	
Dial 2 Split	105	11	42		52	53		52	63	52	52	98
Min Transition	99	11	36		52	47		52	63	52	52	
Max Transition	141	20	69		52	89		52	72	52	52	
Dial 3 Splits	105	18	35		52	53		52	70	52	52	54
Min Transition	99	12	35		52	47		52	64	52	52	
Max Transition	141	20	69		52	89		52	72	52	52	
Coordinated Phases			X			X						

## Special Comments

startup all-red = 6 seconds

Geary and Webster

Change

35

# TransBASE Internal Dashboard

Geographic Extent: 26587000: GEARY BLVD at WEBSTER ST

Spatial Intersect: SFMTA Intersection Related (<=20ft or <=150ft if Rear End)

Data Range: 04/01/2020 to 03/31/2021 after March not currently available

Pull Date: 5/21/2021

## Collision/Party/Victim Table

Showing 1 to 4 of 4 entries All four recorded collisions are before the traffic signal switchover 1/21/2021, and none were related to right-turns on red.

Count of Fatal Collisions: 0

Count of Non-Fatal Injury Collisions: 4

Total Count of Fatal/Non-Fatal Injury Collisions: 4

Case ID	Collision Date	Collision Time	Day of Week	Primary Road	Secondary Road	Distance	Direction	Party 1 Type	Party 1 Direction of Travel	Party 1 Movement Preceding Crash	Party 2 Type	Party 2 Direction of Travel	Party 2 Movement Preceding Crash	Vehicle Code Violation	Highest Degree of Injury	Type of Collision	Motor Vehicle Involved With	Weather	Lighting	
200718639	11/28/2020	15:24	Saturday	GEARY BLVD	WEBSTER ST	0	Not Stated	Driver	East	Proceeding Straight	Driver	South	Proceeding Straight	CVC 21453(a)	Injury (Complaint of Pain)	Broadside	Other Motor Vehicle	Clear	Daylight	
Party Number	Party Type	Direction of Travel	Street of Travel	Movement Preceding Collision	Party Gender	At Fault	Party Age	Party Sobriety	Party Drugs	Safety Equipment 1	Safety Equipment 2	Insurance	Special Info	Other Associated Factor	Party Number Killed	Party Number Injured	Vehicle Year	Vehicle Make	Vehicle Type	Party Race
1	Driver	East	GEARY BLVD	Proceeding Straight	Male	Yes	63	Had Not Been Drinking	Not Stated	Air Bag Deployed	Lap/ Shoulder Harness Used	Yes Proof of Insurance Obtained	Not Stated	None Apparent	0	1	2009	Honda / Pilot / Grey	Passenger Car	Asian
2	Driver	South	WEBSTER ST	Proceeding Straight	Female	No	17	Had Not Been Drinking	Not Stated	Air Bag Not Deployed	Lap/ Shoulder Harness Used	Yes Proof of Insurance Obtained	Not Stated	None Apparent	0	1	2010	Lexus / HS250h / Grey	Passenger Car	White
200584509	09/28/2020	16:24	Monday	GEARY BLVD	WEBSTER ST	0	Not Stated	Driver	South	Making Left Turn	Driver	East	Proceeding Straight	CVC 21453(c)	Injury (Other Visible)	Broadside	Other Motor Vehicle	Clear	Daylight	
Party Number	Party Type	Direction of Travel	Street of Travel	Movement Preceding Collision	Party Gender	At Fault	Party Age	Party Sobriety	Party Drugs	Safety Equipment 1	Safety Equipment 2	Insurance	Special Info	Other Associated Factor	Party Number Killed	Party Number Injured	Vehicle Year	Vehicle Make	Vehicle Type	Party Race
1	Driver	South	WEBSTER ST	Making Left Turn	Male	Yes	27	Not Stated	Not Applicable	Air Bag Deployed	Lap/ Shoulder Harness Used	Yes Proof of Insurance Obtained	Not Stated	None Apparent	0	0	2011	Black/ Dodge/ Durango	Passenger Car	Hispanic
2	Driver	East	GEARY ST	Proceeding Straight	Male	No	36	Not Stated	Not Applicable	Air Bag Deployed	Lap/ Shoulder Harness Used	Yes Proof of Insurance Obtained	Not Stated	None Apparent	0	2	2020	Nissan/ Versa/ Silver	Passenger Car	Black
200347733	06/09/2020	08:13	Tuesday	GEARY BLVD	WEBSTER ST	43	West	Driver	East	Changing Lanes	Driver	East	Changing Lanes	CVC 22350	Injury (Complaint of Pain)	Rear End	Other Motor Vehicle	Clear	Daylight	

# TransBASE Internal Dashboard

Geographic Extent: 26587000: GEARY BLVD at WEBSTER ST

Spatial Intersect: SFMTA Intersection Related (<=20ft or <=150ft if Rear End)

Data Range: 04/01/2020 to 03/31/2021

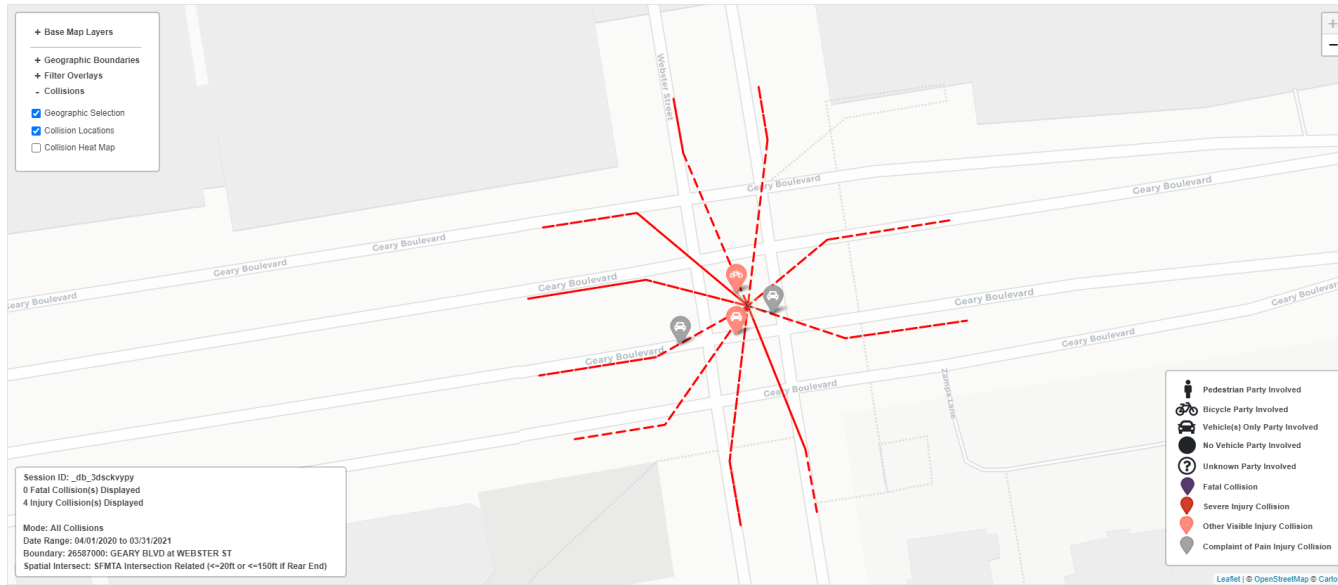
Pull Date: 5/21/2021

Case ID	Collision Date	Collision Time	Day of Week	Primary Road	Secondary Road	Distance	Direction	Party 1 Type	Party 1 Direction of Travel	Party 1 Movement Preceding Crash	Party 2 Type	Party 2 Direction of Travel	Party 2 Movement Preceding Crash	Vehicle Code Violation	Highest Degree of Injury	Type of Collision	Motor Vehicle Involved With	Weather	Lighting		
Party Number	Party Type	Direction of Travel	Street of Travel	Movement Preceding Collision	Party Gender	At Fault	Party Age	Party Sobriety	Party Drugs	Safety Equipment 1	Safety Equipment 2	Insurance	Special Info	Other Associated Factor	Party Number Killed	Party Number Injured	Vehicle Year	Vehicle Make	Vehicle Type	Party Race	
1	Driver	East	GEARY BLVD	Changing Lanes	Male	Yes	25	Had Not Been Drinking	Not Stated	Air Bag Not Deployed	Lap/ Shoulder Harness Used	Yes Proof of Insurance Obtained	Not Stated	None Apparent	0	0	2019	DODG CHALLENGER BLK	Passenger Car	Black	
2	Driver	East	GEARY BLVD	Changing Lanes	Female	No	47	Had Not Been Drinking	Not Stated	Air Bag Not Deployed	Lap/ Shoulder Harness Used	Yes Proof of Insurance Obtained	Not Stated	None Apparent	0	1	2013	HONDA ODYSSEY BLUE	Passenger Car	White	
200334423	06/02/2020	13:23	Tuesday	WEBSTER ST	GEARY BLVD	0		Not Stated	Bicyclist	South	Proceeding Straight										
Party Number	Party Type	Direction of Travel	Street of Travel	Movement Preceding Collision	Party Gender	At Fault	Party Age	Party Sobriety	Party Drugs	Safety Equipment 1	Safety Equipment 2	Insurance	Special Info	Other Associated Factor	Party Number Killed	Party Number Injured	Vehicle Year	Vehicle Make	Vehicle Type	Party Race	
1	Bicyclist	South	WEBSTER ST	Proceeding Straight	Male	No	54	Had Not Been Drinking	Not Stated	Not Required	M/C Helmet Driver - Yes	Not Applicable	Not Stated	Other	0	1		Specialized / FSR/Black	Bicycle	White	

# TransBASE Internal Dashboard

Geographic Extent: 26587000: GEARY BLVD at WEBSTER ST  
Spatial Intersect: SFMTA Intersection Related (<=20ft or <=150ft if Rear End)  
Data Range: 04/01/2020 to 03/31/2021  
Pull Date: 5/21/2021

## Geographic Extent





# TransBASE Internal Dashboard

Geographic Extent: 26587000: GEARY BLVD at WEBSTER ST

Spatial Intersect: SFMTA Intersection Related (<=20ft or <=150ft if Rear End)

Data Range: 04/01/2020 to 03/31/2021

Pull Date: 5/21/2021

## Metadata Information

### Collision Filters

Database Source: TransBASESF.org  
Database Pull Date: 5/21/2021  
Collision Level: Injury Collisions  
Boundary: 26587000: GEARY BLVD at WEBSTER ST  
Collision Dates: 04/01/2020 to 03/31/2021  
Collision Month Filter(s): No Restrictions  
Collision Distance: Any Distance  
Collision Severity Filter(s): No Restrictions  
Primary Collision Factor Filter(s): No Restrictions  
Collision Type Filter(s): No Restrictions  
Intersection/ Midblock: SFMTA Intersection Related (<=20ft or <=150ft if Rear End)

### Party Filters

Party Involved Type: No Restrictions  
Party Involved Gender: No Restrictions  
Party Involved at Fault: No Restrictions  
Party Involved Age: No Restriction  
Party Involved Sobriety: No Restrictions  
Party Involved Condition: No Restrictions  
Party Involved Direction of Travel: No Restrictions  
Party Involved Safety Equipment 1: No Restrictions  
Party Involved Safety Equipment 2: No Restrictions  
Party Involved Insurance: No Restrictions  
Party Involved Other Associated Factors : No Restrictions  
Party Involved Movement Preceding Collision: No Restrictions  
Party Involved Vehicle Type: No Restrictions  
Party Involved Race: No Restrictions  
Party Involved Special Info: No Restrictions

### Victim Filters

Victim Involved Role: No Restrictions  
Victim Involved Degree of Injury: No Restrictions  
Victim Involved Age: No Restriction  
Victim Involved Seating Position: No Restrictions  
Victim Involved Safety Equipment: No Restrictions  
Victim Involved Ejected: No Restrictions

### Environmental Filters

Nearest Traffic Control: No Restriction  
Intersecting Speed Limit: No Restriction  
Intersecting Network: No Restriction  
Intersecting Street Class: No Restriction  
Weather Description: No Restrictions  
Lighting Description: No Restrictions