

## SFMTA - TASC SUMMARY SHEET

<b>PreStaff_Date:</b> 6/1/2021 <b>Requested_by:</b> Community <b>Handled:</b> Philip Louie, 701-4464 <b>Section Head Approval:</b> MS <i>PS for MS</i>	<input type="checkbox"/> <b>Public Hearing Consent</b> <input checked="" type="checkbox"/> <b>Public Hearing Regular</b> <input type="checkbox"/> <b>Informational / Other</b> <small>PH - Regular</small>	<b>No Objection:</b> _____ <b>Objection:</b> _____ <b>Item Held:</b> _____
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**Location:** Clipper Street between Douglass Street and Diamond Street.

**Subject:** Raised Crosswalk, Speed Cushion

**PROPOSAL / REQUEST:**

ESTABLISH - RAISED CROSSWALK  
 Clipper Street, west crosswalk, at Douglass Street

ESTABLISH - SPEED CUSHION (3-LUMP DESIGN)  
 Clipper Street, between Douglass Street and Diamond Street (one speed cushion)

(Supervisor District 8)

Community and Supervisor are requesting a raised crosswalk and a speed cushion to slow drivers down and to remind drivers of the transition from a wide to a narrow street.

Philip Louie, philip.louie@sfmta.com

**BACKGROUND INFORMATION / COMMENTS**

The community and Supervisor raised concerns about traffic not slowing down from the wider upper part of Clipper St to the narrower lower part of Clipper St. To address this, the SFMTA is proposing a raised crosswalk at Clipper/Douglass Sts, and a 3-lump speed cushion on Clipper St between Douglass and Diamond Sts.

Clipper St west of Douglass St is a three lane 64 foot wide street with two through lanes, a two-way left turn lane, bike lanes in both directions, and parking on both sides of the street. East of Douglass St, Clipper St becomes a 34 foot wide street with two through lanes and parking on both sides of the street.

Three reported collisions in the last five years - two at Douglass St and one at Diamond St.

Speed limit west of Douglass St is 35 mph, but east of Douglass is a 25 mph street. Traffic Operations will be lowering the speed limit to 20 mph from Douglass St to 280 feet easterly.

The 85th percentile speed between Douglass and Diamond Sts is 26.4 mph westbound and 28 mph eastbound.

Douglass-Diamond ADT = 10,000.

No permanent Muni lines. 48 Muni line temporarily running on this block during COVID-19 emergency.

<b>HEARING NOTIFICATION AND PROCESSING NOTES:</b>	<b>ENVIRONMENTAL CLEARANCE BY:</b> <input checked="" type="checkbox"/> SFMTA <input type="checkbox"/> Attached <input type="checkbox"/> Pending
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TRACKING COVER SHEET FOR LEGISLATION ITEMS WITHOUT CORLOG NUMBER

<b>Request No.</b>		<b>Section</b>	LIV
<b>TSC No.</b>		<b>Staff Assigned</b>	PL
<b>Director's No.</b>		<b>Due Date</b>	
<b>Mayor's No.</b>		<b>Neighborhood</b>	
<b>Requested Date</b>		<b>School Name</b>	
<b>Received Date</b>		<b>Organization</b>	

<b>Firm</b>	
<b>Requested By</b>	District 8 Residents / Supervisor
<b>Address</b>	
<b>City/State/Zip</b>	San Francisco, CA
<b>Letter Subject</b>	Raised Crosswalk. Speed Cushion (3-lump)

Subject Location	Work Description
Clipper Street at Douglass Street. Clipper Street between Douglass and Diamond Streets	

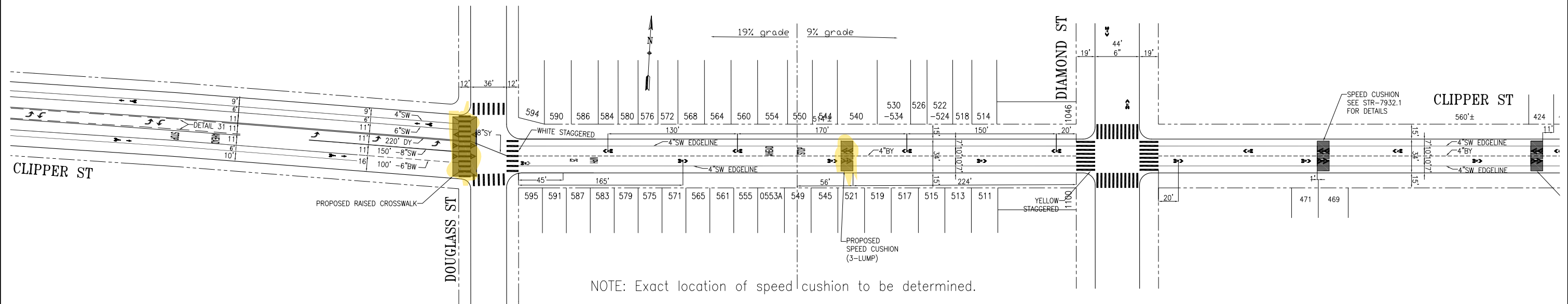
Additional Correspondence		Legislation	Action	Date
From/To	Date			
		TASC		
		Public Hearing		
		SFMTA Board		
		Board Committee		
		Board of Sups		
		Mayor's		
		Res/Ord No.		

Comment

Remarks

**NOTE:**

1. ALL SHARED USE LANE MARKINGS SHALL BE 12'-0" FROM CURB FACE TO CENTER OF MARKING AND SPACED AT 150'-0" UNLESS OTHERWISE NOTED



NOTE: Exact location of speed cushion to be determined.

NO.	DATE	DESCRIPTION	BY	APP
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				



DRAWN:	DATE:	SENIOR ENGINEER	DATE:
CHECKED:	DATE:	CITY TRAFFIC ENGINEER	DATE:

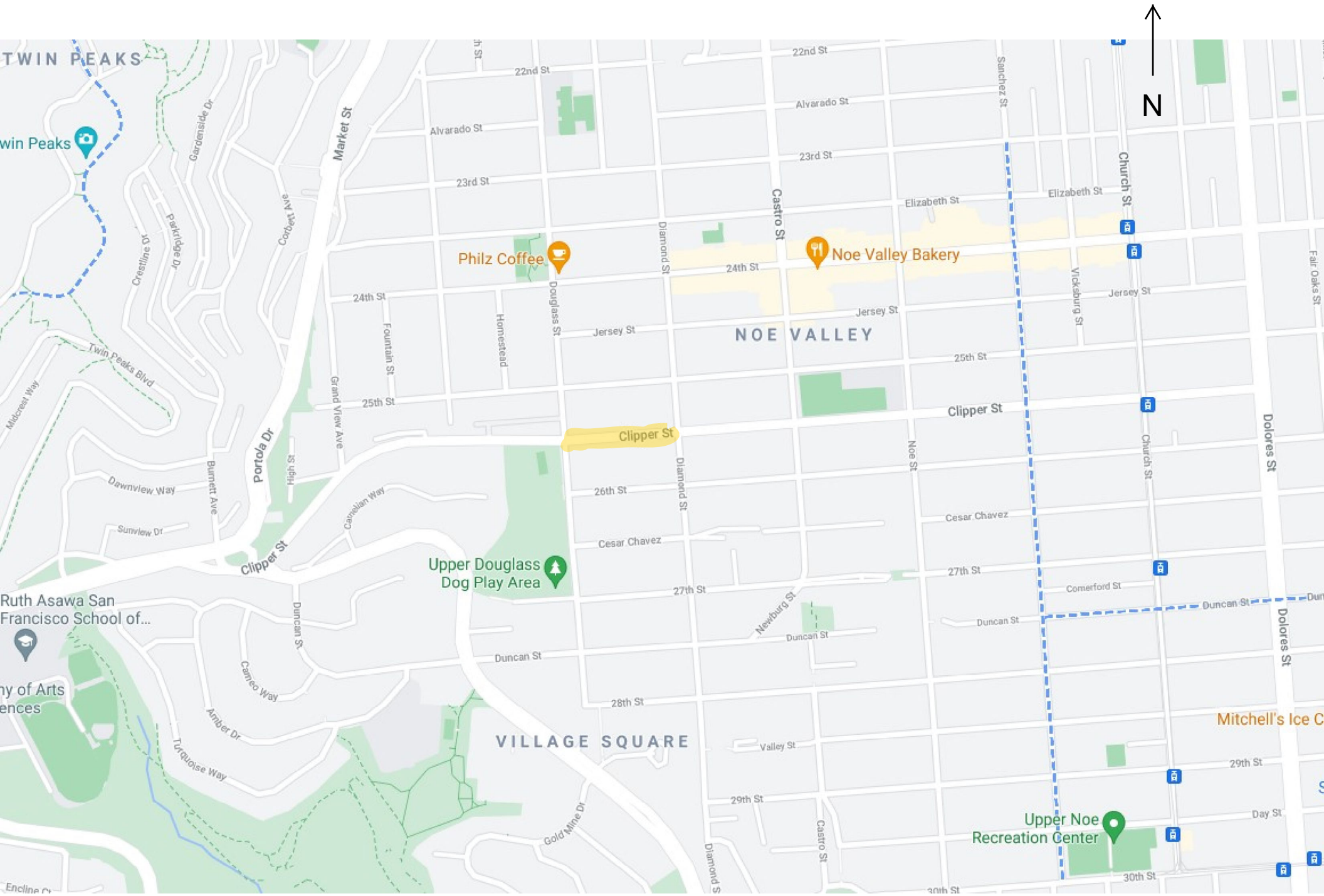
APPROVED	SCALE:
	1" = 50'
	SHEET/SHEETS:

**PROPOSED RAISED CROSSWALK & SPEED CUSHION**

**CLIPPER STREET**  
**DOUGLASS STREET TO DIAMOND STREET**

CONTRACT NO.
DRAWING NO.
FILE NO.
REV. NO.

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



TWIN PEAKS

Twin Peaks

Philz Coffee

Noe Valley Bakery

NOE VALLEY

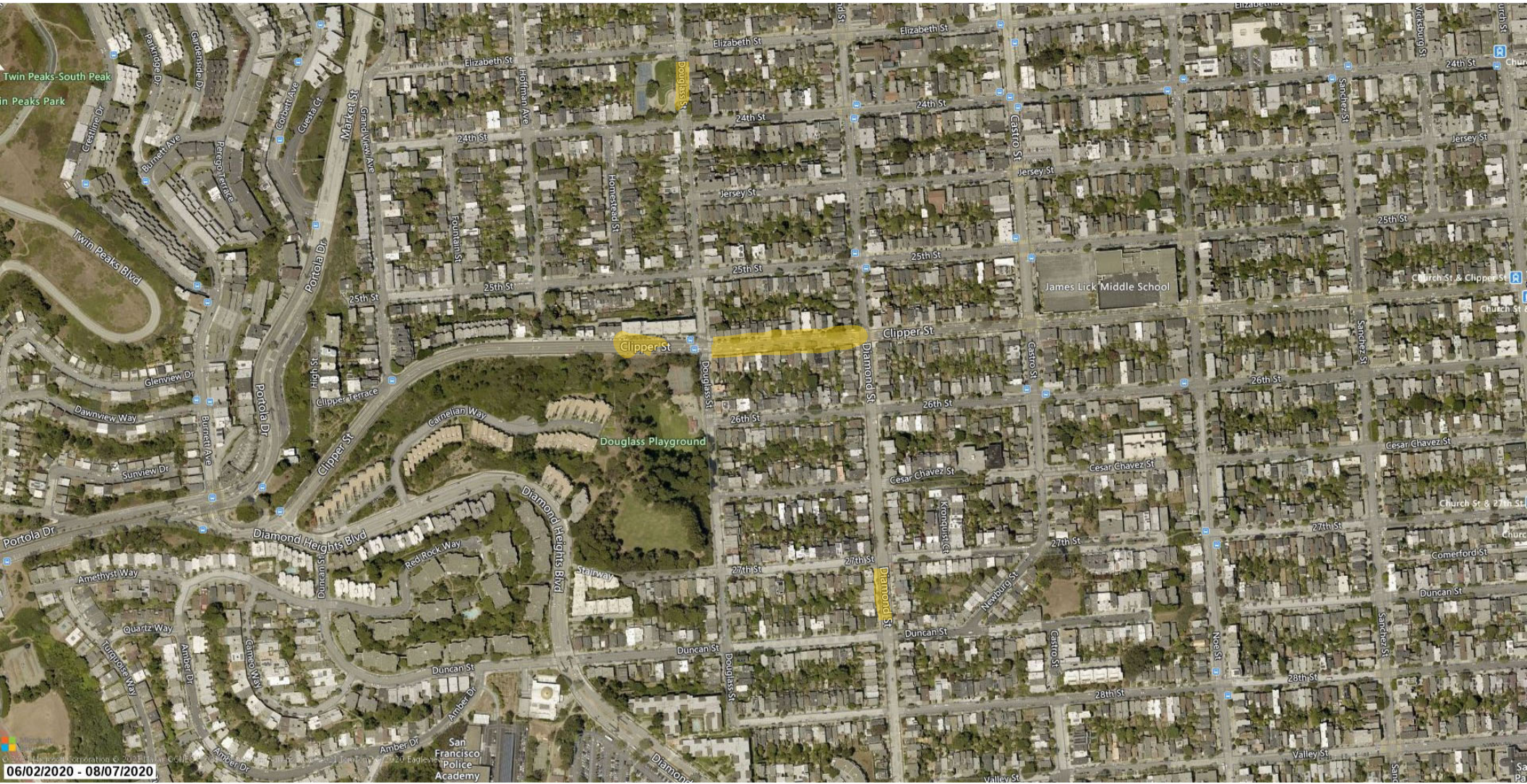
Clipper St

Upper Douglass  
Dog Play Area

VILLAGE SQUARE

Upper Noe  
Recreation Center

Mitchell's Ice C...



Douglas St



Diamond St

Clipper St



07/02/2020

© All Pictometry



Clipper St looking east from the west leg of intersection.

The raised crosswalk is planned for the west crosswalk, which is the one closer to the photographer.

The east crosswalk has utilities that inhibit us from installing a crosswalk on the farther crosswalk.



Clipper St at Douglass Street west crosswalk looking north. This is the crosswalk planned to have a raised crosswalk.

We will work around the manhole seen in the left turn lane.



Clipper Street looking west from Diamond Street.

The speed cushion is proposed for the shallower part of the block which is closer to the photographer.

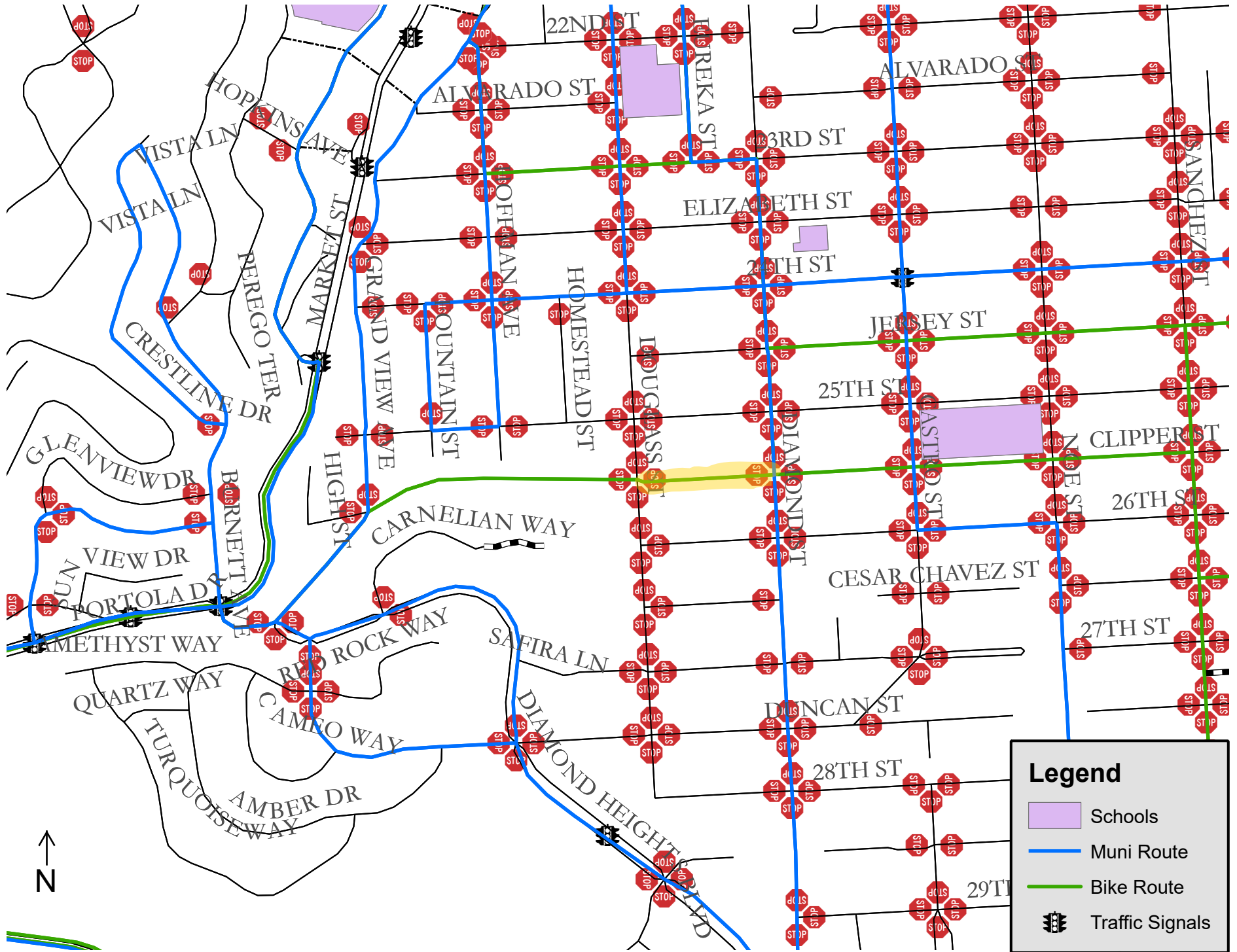


Clipper Street looking east from Douglas Street.

The speed cushion is proposed for the shallower part of the block which is farther downhill from this vantage point.



# Clipper St: Douglass-Diamond Sts Raised Crosswalk/Speed Cushion Traffic Controls, Muni, Bike Route Map





# ENGINEERING AND TRAFFIC SURVEY

I. LOCATION: Clipper Street, between Diamond Street and Douglass Street

Street width is more than 40 feet: no

This Engineering and Traffic Survey was prepared according to the regulations and procedures in Part 2, Section 2B.13 of the California Manual on Uniform Traffic Control Devices.

This survey was performed on the 13<sup>th</sup> day of April 2021, at my direction by qualified engineering personnel. The results of the survey are presented in the following synopsis.

## II. SPEED SURVEY RESULTS

Date Conducted: Tuesday, April 13, 2021  
 Time of Day: 11:23 A.M. – 11:58 A.M.  
 Weather Conditions: Overcast  
 Traffic Conditions: Free Flow, lighter traffic due to Covid pandemic

### 85<sup>th</sup> Percentile Speed

Location 1: Clipper Street, between Diamond Street and Douglass Street  
 Westbound: 26.4 mph                      Eastbound: 28.0 mph

## III. COLLISION RATE

(A) Coverage (5-years): 1/1/2016 – 12/31/2020  
 (B) Number of Collisions: 3  
 (C) 24-Hour Volume: 9,780 vehicles  
 (D) Length of Section: 633.34 ft. or 0.12 miles

$$\text{Collision rate} = [(B) \times 10^6] / [(A) \times 365 \times (C) \times (D)] = 1.40 \text{ collisions/MVM}$$

## **FOR PUBLIC HEARING SCHEDULING – REGULAR CALENDAR**

1. Clipper Street, between Diamond and Douglass streets – Speed Limit  
RESCIND – 25 MPH SPEED LIMIT  
ESTABLISH – 20 MPH SPEED LIMIT

Clipper Street, from Douglass Street to 280 feet easterly (Supervisor District 8)

As requested by residents, this proposal would lower the speed limit on the steeper section of the 500 block of Clipper Street, which has an 18.57% grade.

Tom Folks, tom.folks@sfmta.com

***No objections.***

2. Plymouth Avenue and Farallones Street – STOP Signs  
ESTABLISH – STOP SIGNS

Plymouth Avenue, northbound and southbound, at Farallones Street, making this intersection an all-way STOP (Supervisor District 11)

Proposal makes this intersection an all-way STOP at the request of local residents.

Simon Qin, simon.qin@sfmta.com

***No objections.***

3. Cumberland Street, between Dolores Street and Guerrero Street – Speed Humps  
ESTABLISH – SPEED HUMPS  
Cumberland Street, between Dolores Street and Guerrero Street (2 speed humps)  
(Supervisor District 8)

This proposal installs traffic calming devices on the block at the request of the district supervisor.

Daniel Carr, daniel.carr@sfmta.com

***SFFD requested speed cushions in lieu of speed humps.***

4. Joost Avenue, between Genessee Street and Ridgewood Avenue – Speed Humps  
ESTABLISH – SPEED HUMPS  
Joost Avenue between Genessee Street and Ridgewood Avenue (2 Speed Humps)  
(Supervisor District 7)

This proposal installs traffic calming devices on the block at the request of block residents. SFMTA collected data and confirmed that typical motorists' speeds exceed agency threshold to qualify for traffic calming.

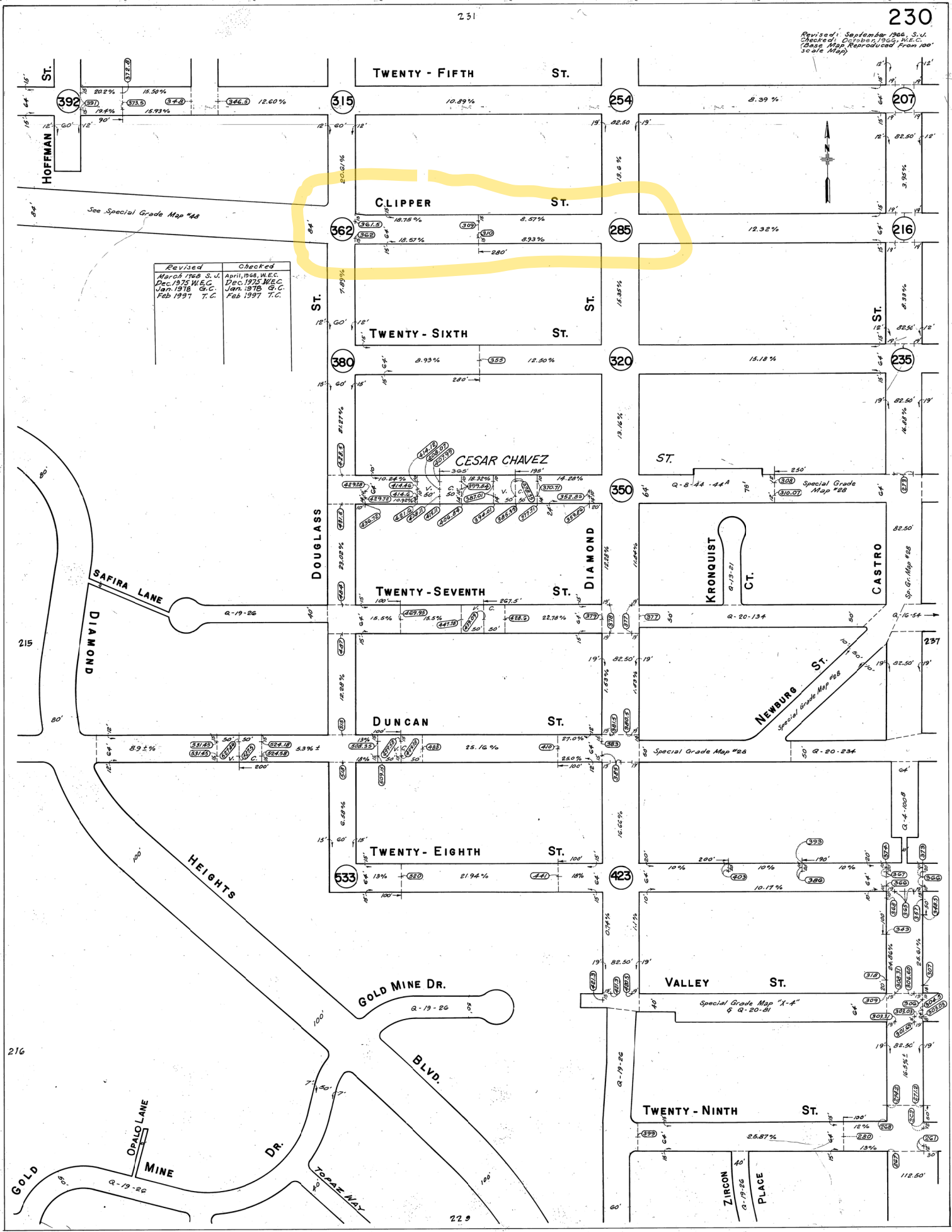
Mark Manalo, mark.manalo@sfmta.com

***SFFD requested speed cushions in lieu of speed humps.***

251

230

Revised: September 1966, S.U.  
Checked: October 1966, M.E.C.  
Base Map Reproduced From 100'  
Scale Map



215

216

229

237

236

# TransBASE Internal Dashboard

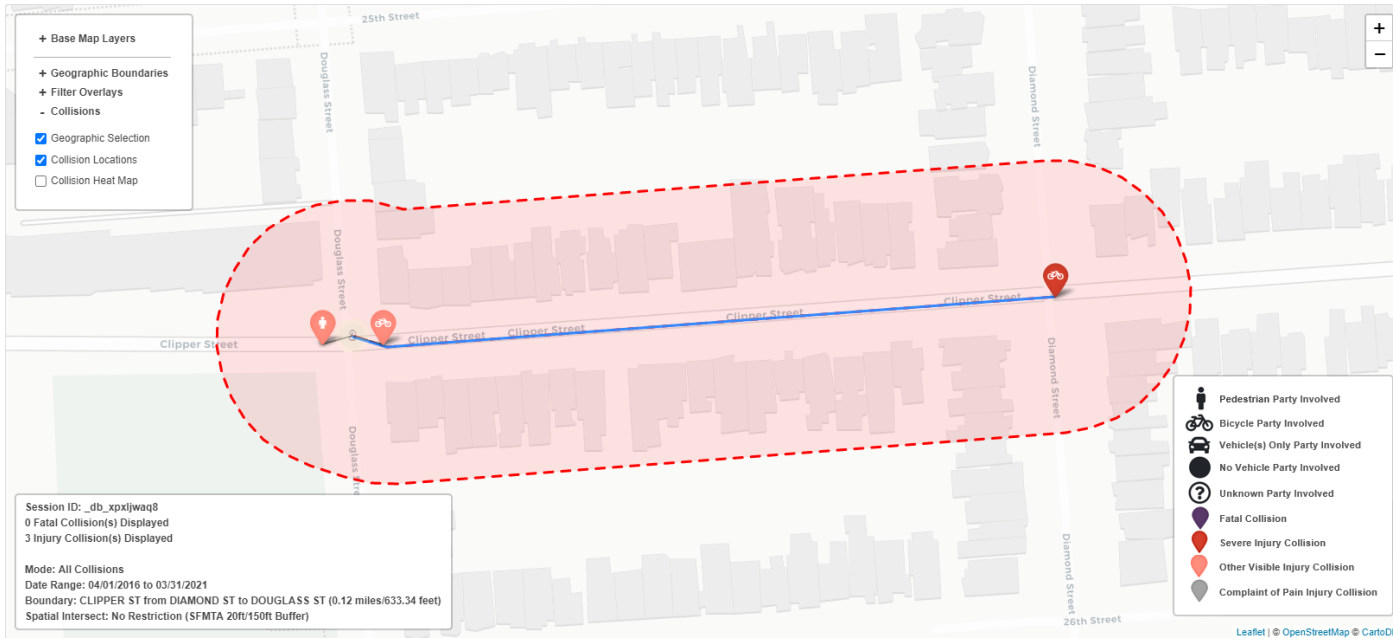
Geographic Extent: CLIPPER ST from DIAMOND ST to DOUGLASS ST (0.12 miles/633.34 feet)

Spatial Intersect: No Restriction (SFMTA 20ft/150ft Buffer)

Data Range: 04/01/2016 to 03/31/2021

Pull Date: 5/26/2021

## Geographic Extent



# TransBASE Internal Dashboard

Geographic Extent: CLIPPER ST from DIAMOND ST to DOUGLASS ST (0.12 miles/633.34 feet)

Spatial Intersect: No Restriction (SFMTA 20ft/150ft Buffer)

Data Range: 04/01/2016 to 03/31/2021

Pull Date: 5/26/2021

## Collision/Party/Victim Table

Showing 1 to 3 of 3 entries

Count of Fatal Collisions: 0

Count of Non-Fatal Injury Collisions: 3

Total Count of Fatal/Non-Fatal Injury Collisions: 3

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
190665722	09/06/2019	18:41	Friday	CLIPPER ST	DOUGLASS ST	0	Not Stated	Bicyclist	East	Proceeding Straight	Driver	South	Proceeding Straight	CVC 22450(a)	Injury (Other Visible)	Broadside	Bicycle	Clear	Daylight
180309598	04/26/2018	15:01	Thursday	CLIPPER ST	DIAMOND ST	0	Not Stated	Bicyclist	East	Proceeding Straight	Driver	West	Stopped In Road	CVC 22450(a)	Injury (Severe)	Head-On	Bicycle	Clear	Daylight
170157573	02/24/2017	13:32	Friday	DOUGLASS ST	CLIPPER ST	0	Not Stated	Driver	West	Proceeding Straight	Pedestrian	North	Proceeding Straight	CVC 21950(a)	Injury (Other Visible)	Vehicle/Pedestrian	Pedestrian	Clear	Daylight

# TransBASE Internal Dashboard

Geographic Extent: CLIPPER ST from DIAMOND ST to DOUGLASS ST (0.12 miles/633.34 feet)

Spatial Intersect: No Restriction (SFMTA 20ft/150ft Buffer)

Data Range: 04/01/2016 to 03/31/2021

Pull Date: 5/26/2021

## Metadata Information

### Collision Filters

Database Source: TransBASESF.org  
Database Pull Date: 5/26/2021  
Collision Level: Injury Collisions  
Boundary: CLIPPER ST from DIAMOND ST to DOUGLASS ST  
(0.12 miles/633.34 feet)  
Collision Dates: 04/01/2016 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: No Restriction (SFMTA 20ft/150ft Buffer)

### Party Filters

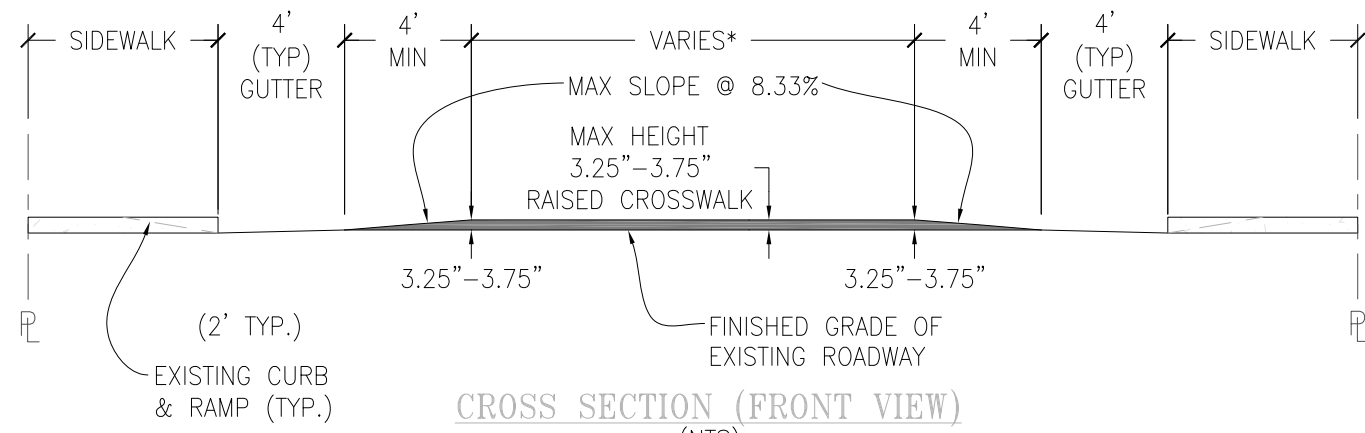
Party Involved Type: No Restrictions  
Party Involved Gender: No Restrictions  
Party Involved at Fault: No Restrictions  
Party Involved Age: No Restriction  
Party Involved Sobriety: No Restrictions  
Party Involved Condition: No Restrictions  
Party Involved Direction of Travel: No Restrictions  
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

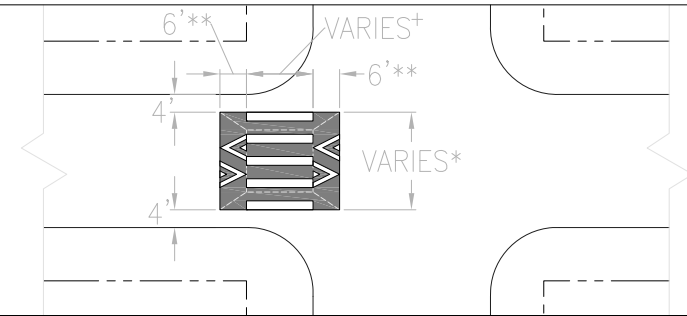
### Environmental Filters

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



PLAN VIEW (TOP VIEW)  
(NTS)

\* DEPENDENT ON ROADWAY WIDTH  
\*\* SHORTER RAMP MAY BE USED  
+ DEPENDENT ON CROSSWALK WIDTH

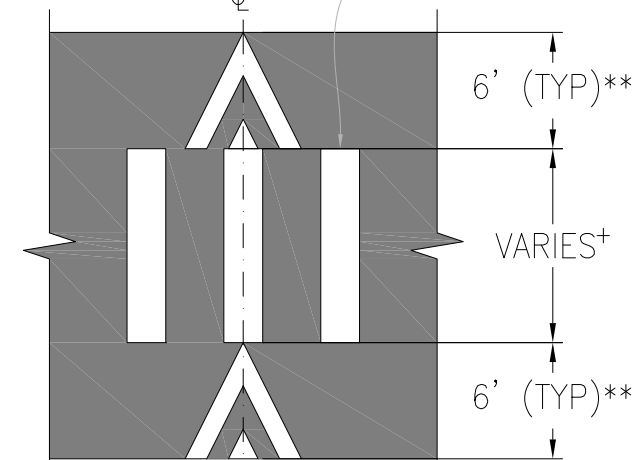


CROSS SECTION (FRONT VIEW)  
(NTS)

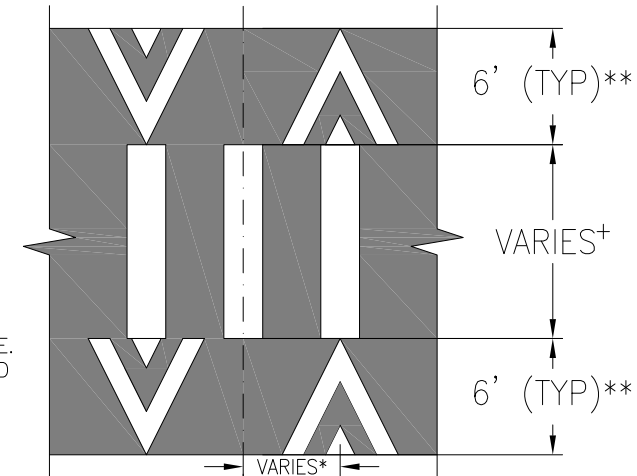
WHITE CHEVRON DETAIL:



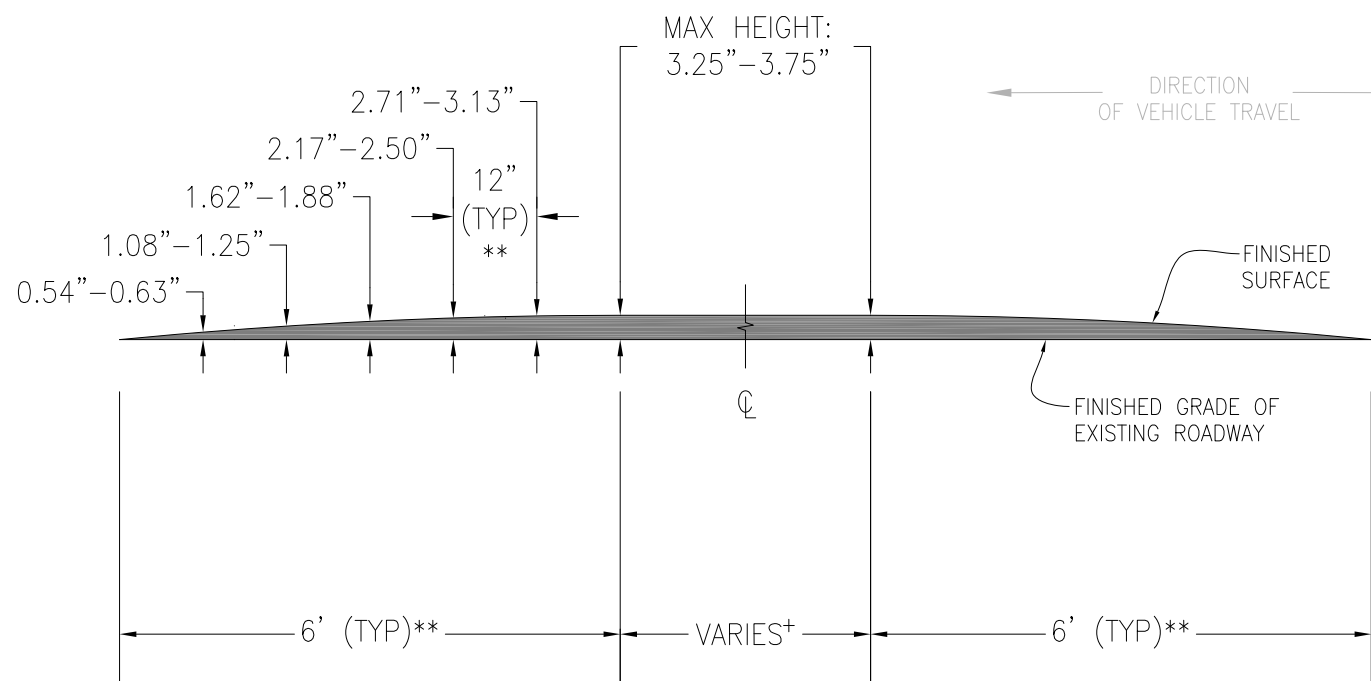
OPTION A:  
TYPICAL ONE-WAY STREET



OPTION B:  
TYPICAL TWO-WAY STREET



STRIPING DETAIL  
(NTS)



NOTE: VERTICAL MEASUREMENTS SHOWN TO THE LEFT OF CENTERLINE ARE MIRRORED ON THE RIGHT HALF OF RAISED CROSSWALK.

\*\* FOR LOW SPEED APPLICATIONS, A SHORTER RAMP LENGTH MAY BE USED.  
+ DEPENDENT ON CROSSWALK WIDTH. TYPICALLY 10'.

PROFILE SECTION (SIDE VIEW)  
(NTS)

\*CHEVRONS ARE TYPICALLY CENTERED ON THE APPROACHING LANE.  
\*\*FOR LOW SPEED APPLICATIONS, A SHORTER RAMP MAY BE USED  
+ DEPENDENT ON CROSSWALK WIDTH. TYPICALLY 10'

NO.	DATE	DESCRIPTION	BY	APP
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				



**SFMTA**  
Municipal Transportation Agency



DRAWN: G.HO	DATE: 7/1/2017
CHECKED: W.TABAJONDA	DATE: 7/6/2017

APPROVED	SCALE:
MIKE SALLABERRY 10/02/17 SENIOR ENGINEER	NTS
RICARDO OLEA 10/02/17 CITY TRAFFIC ENGINEER	SHEET/SHEETS: 3 OF 4

CONTRACT NO.
DRAWING NO. STR-7687.2
FILE NO.
REV. NO. 0

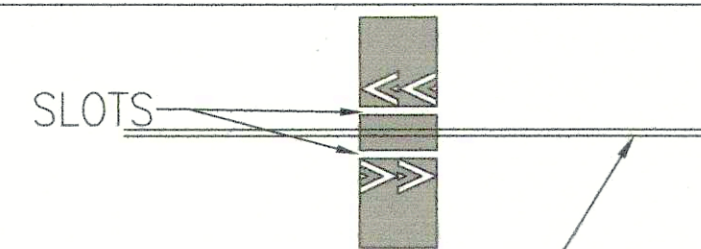
STANDARD PLAN
ASPHALT RAISED CROSSWALK

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



**TWO-SLOT SPEED CUSHIONS ARE SPEED HUMPS WITH SLOTS TO ACCOMMODATE THE WHEELS OF LARGE VEHICLES LIKE SFFD TRUCKS OR MUNI BUSES**

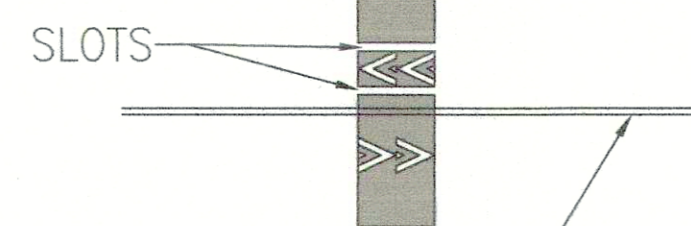
Slots are centered on centerline



OPTIONAL DOUBLE YELLOW

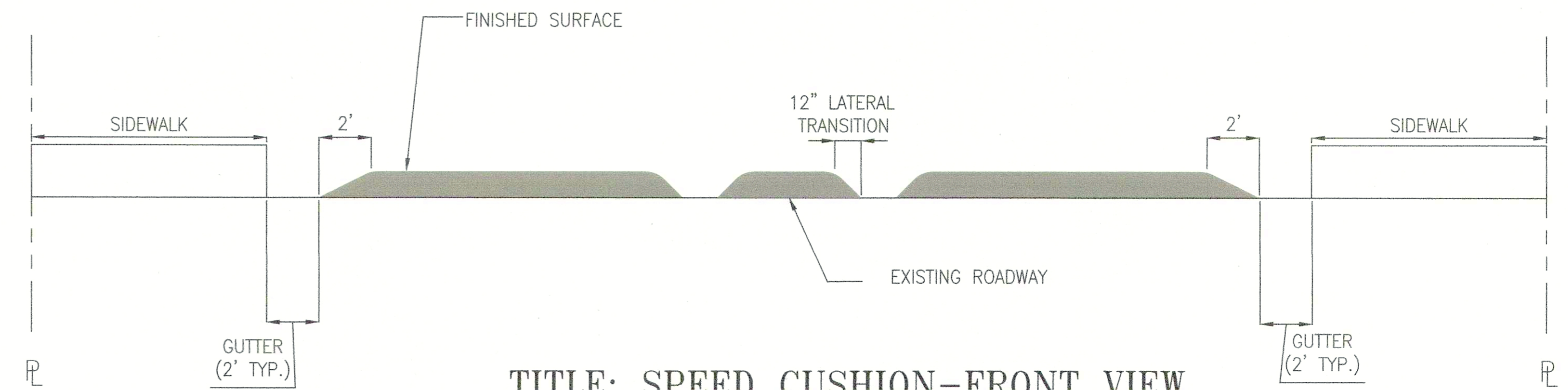
**TITLE: PLACEMENT OPTION 1-CENTERED**

Slots are centered in travel lane



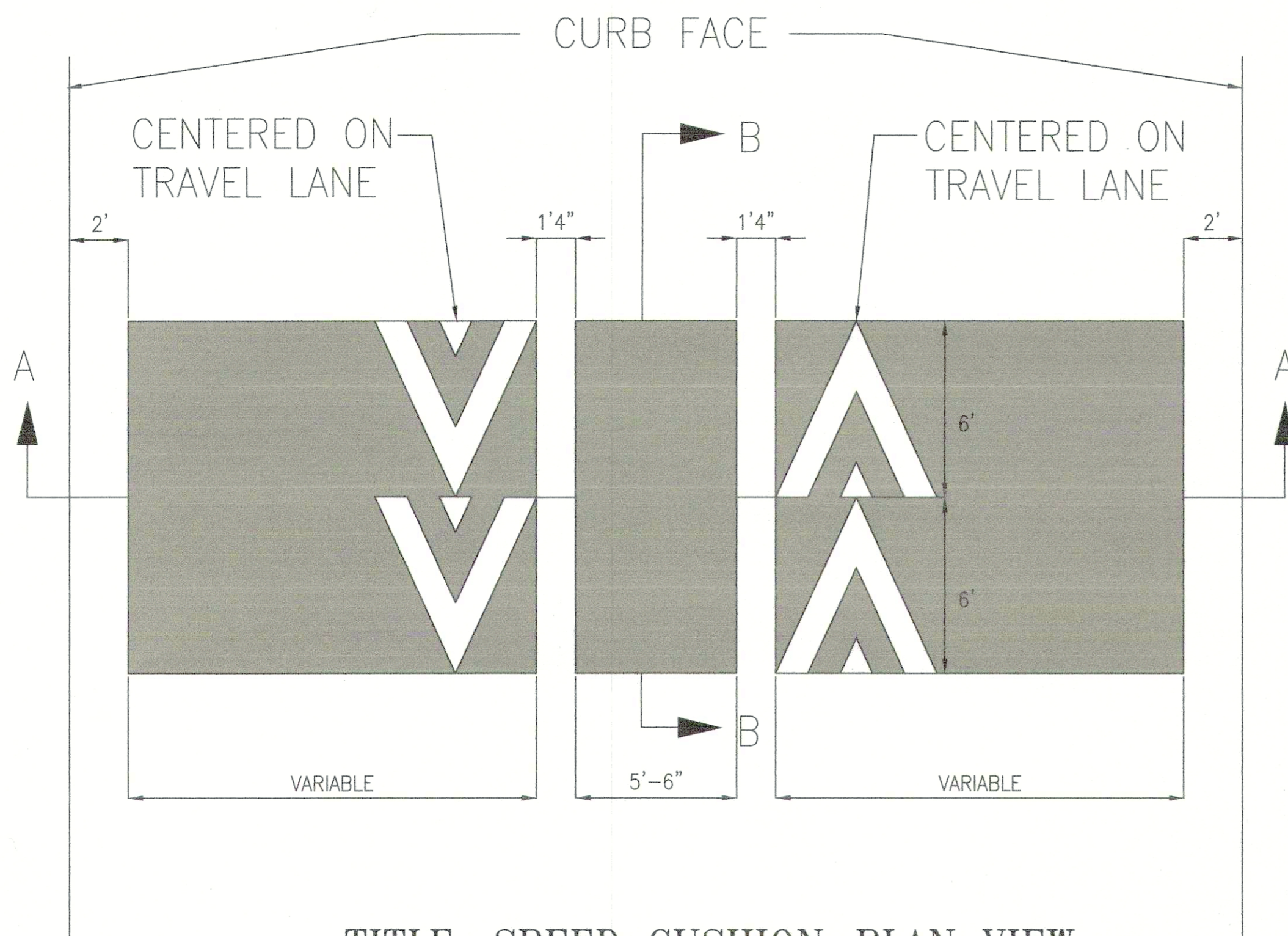
OPTIONAL DOUBLE YELLOW

**TITLE: PLACEMENT OPTION 2-IN LANE**

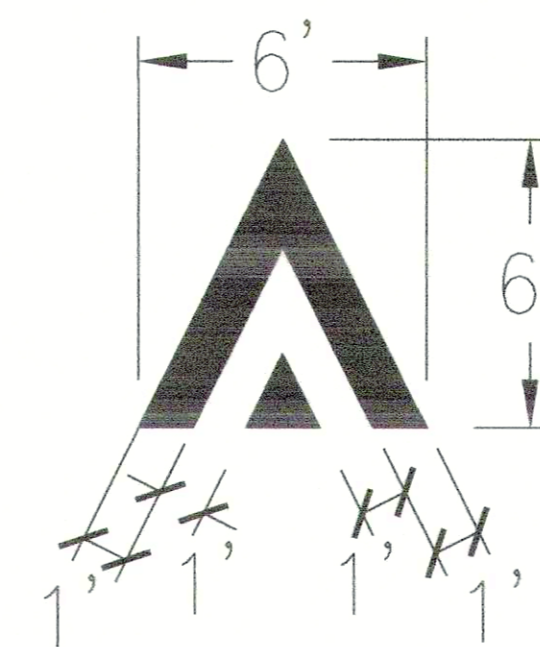


**TITLE: SPEED CUSHION-FRONT VIEW**

SECTION A  
NTS

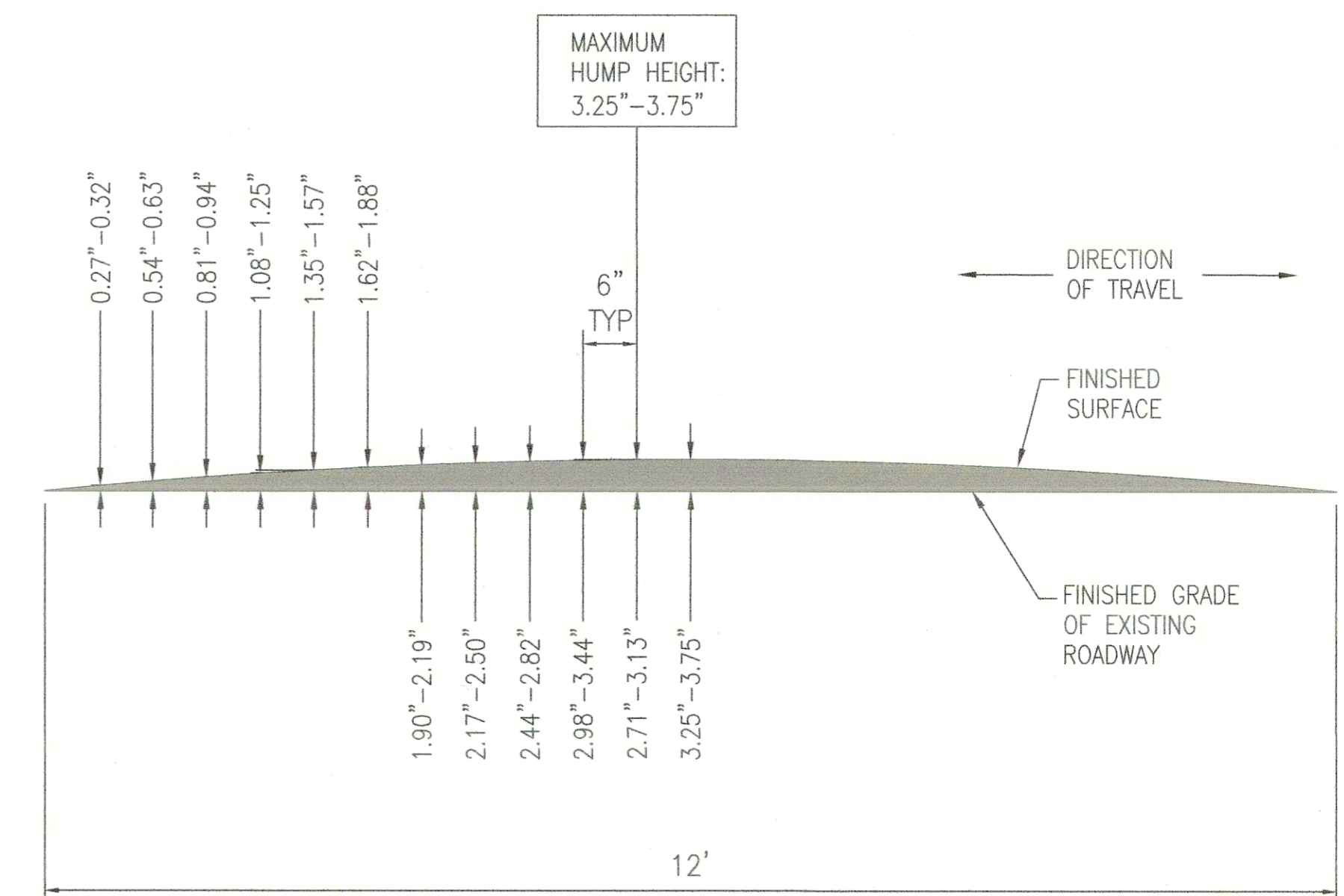


**TITLE: SPEED CUSHION-PLAN VIEW**



**TITLE: WHITE CHEVRON**

DETAIL 3  
NTS



NOTE: VERTICAL SPEED HUMP MEASUREMENTS SHOWN TO THE LEFT OF CENTERLINE ARE MIRRORED ON THE RIGHT HALF OF SPEED HUMP.

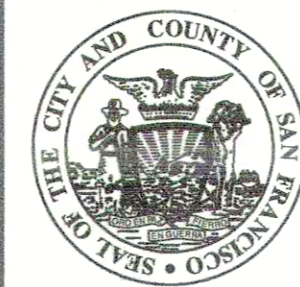
**TITLE: SPEED CUSHION-SIDE VIEW**

SECTION B  
NTS

NO.	DATE	DESCRIPTION	BY	APP
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				



**SFMTA**



DRAWN:	DATE:	APPROVED:	DATE:
D CARR	06/15/18	<i>M. S. ...</i>	8/2/18
CHECKED:	DATE:	CITY TRAFFIC ENGINEER:	DATE:
G HO	07/31/18	<i>R. Lee</i>	8/2/18

SCALE:	SHEET/SHEETS:
NTS	1 OF 1

CONSTRUCTION SPECIFICATIONS
<b>SPEED CUSHION- TWO SLOTS</b>

CONTRACT NO.	-
DRAWING NO.	STR-7932.1
FILE NO.	-
REV. NO.	0

EXTERNAL REFERENCES:  
FONTS USED:  
SCALE FACTOR:  
PLOT SCALE:  
ORIGIN: -  
FILE NAME:  
DATE: