

SFMTA - TASC SUMMARY SHEET

<p>PreStaff_Date: 6/24/2021</p> <p>Requested_by: SFMTA</p> <p>Handled: Eddie Tsui</p> <p>Section Head : TF <i>TF</i></p>	<p><input type="checkbox"/> Public Hearing Consent</p> <p><input checked="" type="checkbox"/> Public Hearing Regular</p> <p><input type="checkbox"/> Informational / Other PH - Regular</p>	<p>No objections: _____</p> <p>Item Held: _____</p> <p>Other: _____</p>
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Location: Diamond Heights Boulevard, between Clipper Street and Sussex Street

Subject: Speed Limit

PROPOSAL / REQUEST:

RESCIND--30 MPH SPEED LIMIT

ESTABLISH--25 MPH SPEED LIMIT

Diamond Heights Boulevard, between Clipper Street and Sussex Street

Eddie Tsui, eddie.tsui@sfmta.com (Supervisor District 8)

The proposed reduction in the speed limit is being recommended by the SFMTA based on an updated speed survey.

BACKGROUND INFORMATION / COMMENTS

A revised speed survey for this section of Diamond Heights Boulevard finds an average 85th percentile speed of 31.84 mph.

The closest 5 mph increment is 30 mph; however, the California Vehicle Code allows for an additional 5 mph reduction for special conditions, including consideration for pedestrian and bicycle safety.

Section 702 of the Transportation Code would need to be revised to enact this new speed limit.

HEARING NOTIFICATION AND PROCESSING NOTES:

ENVIRONMENTAL CLEARANCE BY:

SFMTA Attached Pending



ENGINEERING AND TRAFFIC SURVEY

I. LOCATION: Diamond Heights Boulevard, between Clipper Street and Sussex Street

Street width is more than 40 feet: yes 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 26th day of April and the 8th day of June 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: Monday, April 26, 2021
 Tuesday, June 8, 2021

Time of Day: 3:20 to 4:20 PM on April 26, 2021
 2:25 to 5:00 PM on June 8, 2021

Weather Conditions: Clear

Traffic Conditions: Free Flow

85th Percentile Speed

Location 1: Diamond Heights Boulevard, between Sussex and Berkeley Way
 Northbound: 33.7 mph Southbound: 32.0 mph

Location 2: Diamond Heights Boulevard, between Berkeley Way and Addison Street
 Northbound: 30.3 mph Southbound: 31.9 mph

Location 3: Diamond Heights Boulevard, between Diamond Street and Gold Mine Drive
 Northbound: 35.1 mph Southbound: 33.1 mph

Location 4: Diamond Heights Boulevard, between Carnelian Way and Duncan Street
 Northbound: 27.0 mph Southbound: 31.6 mph

III. COLLISION RATE

(A) Coverage (5-years): 4/1/2016-3/31/2021

(B) Number of Collisions: 22

(C) 24-Hour Volume: 12,060 vehicles

(D) Length of Section: 6,365 feet or 1.21 miles



Collision rate = $[(B) \times 10^6] / [(A) \times 365 \times (C) \times (D)] = 0.83$ collisions/MVM

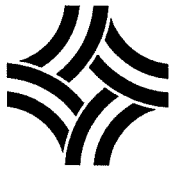
IV. SPECIAL CONDITIONS

Bicycle and pedestrian safety; uncontrolled crosswalks.

V. This survey justifies a speed limit of 25 mph for ***Diamond Heights Boulevard, between Clipper Street and Sussex Street.*** as adjusted by applicable provisions of the California Manual on Uniform Traffic Control Devices. The existing speed limit is 30 mph.

VI. I certify that this document is a true and accurate copy of the original on file with the San Francisco Municipal Transportation Agency.

_____ Date _____
 Ricardo A. Olea
 City Traffic Engineer



24-Hour Volume Calculation

LOCATION: Diamond Heights Boulevard between Sussex and Clipper Street's
DAY: Tuesday
DATE: 10-18-2016
TIME OF 10 MIN
COUNT: 11:30 A.M.-11:40 A.M. (location #1 below)
12:50 P.M.- 1:00 P.M. (location #2 below)
WEATHER: Clear
AREA TYPE: Residential
TRAFFIC
CONDITIONS: Normal
RECORDED BY: J. Calderon

10 Minute Counts:

Location 1: Diamond Heights between Berkeley Way and Sussex Street
Northbound: 33 Southbound: 33
Location 2: Diamond Heights between Diamond Street and Gold Mine Dr.
Northbound: 55 Southbound: 80

24 Hour Volume:

(A) Location 1 Total Volume = 66
(B) Location 2 Total Volume = 135
(C) Average Volume of All Locations = 100.5

24 Hour Volume = (C) x 6 x 20 = 12,060 vehicles / day

SPEED STUDY FORM

LOCATION Diamond Heights Blvd, between Berkeley Way & Sussex St.

DAY Tuesday **DATE** 6-8-2021 **TIME: START** 4:08 PM **STOP** 5:00 PM

WEATHER clear **NO. LANES** 2 **RECORDED BY** Tom Folks

COMMENTS

DIRECTION <u>Northbound</u>				DIRECTION <u>Southbound</u>			
MPH	TALLY	NO.	%	MPH	TALLY	NO.	%
OVER				OVER			
49				49			
48				48			
47				47			
46				46			
45				45			
44				44			
43				43			
42				42			
41				41			
40				40			
39		100		39			
38				38			
37		99		37		100	
36		97		36			
35		92		35		98	
34		87		34		93	
33		80		33		89	
32		74		32		85	
31		69		31		80	
30		60		30		68	
29		52		29		53	
28		39		28		39	
27		31		27		27	
26		18		26		17	
25		14		25		9	
24		9		24		2	
23		7		23			
22		3		22			
21		2		21			
20		1		20			
19				19			
18				18			
17				17			
16				16			
15				15			
UNDER				UNDER			

85th %
33.7

85th %
32.0

SPEED STUDY FORM

LOCATION Diamond Heights Blvd., between Berkeley Way & Addison St.

DAY Monday **DATE** 4/26/21 **TIME: START** 3:20 PM **STOP** 4:20 PM

WEATHER clear **NO. LANES** 2 **RECORDED BY** Tom Folks

COMMENTS

DIRECTION <u>Northbound</u>				DIRECTION <u>Southbound</u>			
MPH	TALLY	NO.	%	MPH	TALLY	NO.	%
OVER				OVER			
49				49			
48				48			
47				47			
46				46			
45				45			
44		100		44			
43				43			
42				42			
41				41			
40				40			
39				39			
38		99		38			
37				37		100	
36		98		36		99	
35		96		35		97	
34		95		34		94	
33		94		33		92	
32		93		32		86	
31		90		31		77	
30		83		30		57	
29		75		29		45	
28		69		28		35	
27		59		27		18	
26		47		26		6	
25		25		25		4	
24		20		24		2	
23		13		23		1	
22		5		22			
21		3		21			
20		2		20			
19				19			
18				18			
17				17			
16				16			
15				15			
UNDER				UNDER			

85%
30.3
MPH

85%
31.9
MPH

SPEED STUDY FORM

LOCATION Diamond Heights Blvd., between Gold Mine & Diamond

DAY Tuesday DATE 6-8-2021 TIME: START 3:07 PM STOP 4:04 PM

WEATHER clear NO. LANES 2 RECORDED BY Tom Folks

COMMENTS

DIRECTION <u>Eastbound (SB)</u>				DIRECTION <u>Westbound (NB)</u>			
MPH	TALLY	NO.	%	MPH	TALLY	NO.	%
OVER				OVER			
49				49			
48				48			
47				47			
46				46			
45				45			
44				44		100	
43				43			
42				42		99	
41				41			
40				40		98	
39		100		39		96	
38				38		93	
37				37		92	
36		99		36		91	
35		93		35		84	
34		91		34		81	
33		84		33		75	
32		73		32		65	
31		63		31		55	
30		52		30		45	
29		39		29		36	
28		28		28		26	
27		18		27		18	
26		15		26		9	
25				25			
24		9		24		1	
23		5		23			
22		4		22			
21				21			
20				20			
19				19			
18				18			
17		1		17			
16				16			
15				15			
UNDER				UNDER			

85th %
33.1
MPH

85th %
35.1
MPH

SPEED STUDY FORM

LOCATION Diamond Heights Blvd., between Duncan & Carnelian

DAY Tuesday DATE 6-8-2021 TIME: START 2:25 PM STOP 3:05 PM

WEATHER Clear NO. LANES 2 RECORDED BY Tom Folks

COMMENTS

DIRECTION <u>Eastbound (SB)</u>				DIRECTION <u>Westbound (NB)</u>			
MPH	TALLY	NO.	%	MPH	TALLY	NO.	%
OVER				OVER			
49				49			
48		100		48			
47				47			
46				46			
45				45			
44				44			
43				43			
42				42			
41				41			
40				40			
39				39			
38				38			
37		99		37			
36		97		36			
35				35			
34		95		34			
33		93		33			
32		89		32			
31		80		31		100	
30		76		30		99	
29		66		29		96	
28		55		28		94	
27		45		27		85	
26		29		26		73	
25		24		25		60	
24		14		24		52	
23		11		23		35	
22		7		22		23	
21				21		17	
20		3		20		9	
19		1		19		5	
18				18		2	
17				17			
16				16			
15				15			
UNDER				UNDER			

85%
31.6
MPH

85%
27.0
MPH

TransBASE Internal Dashboard

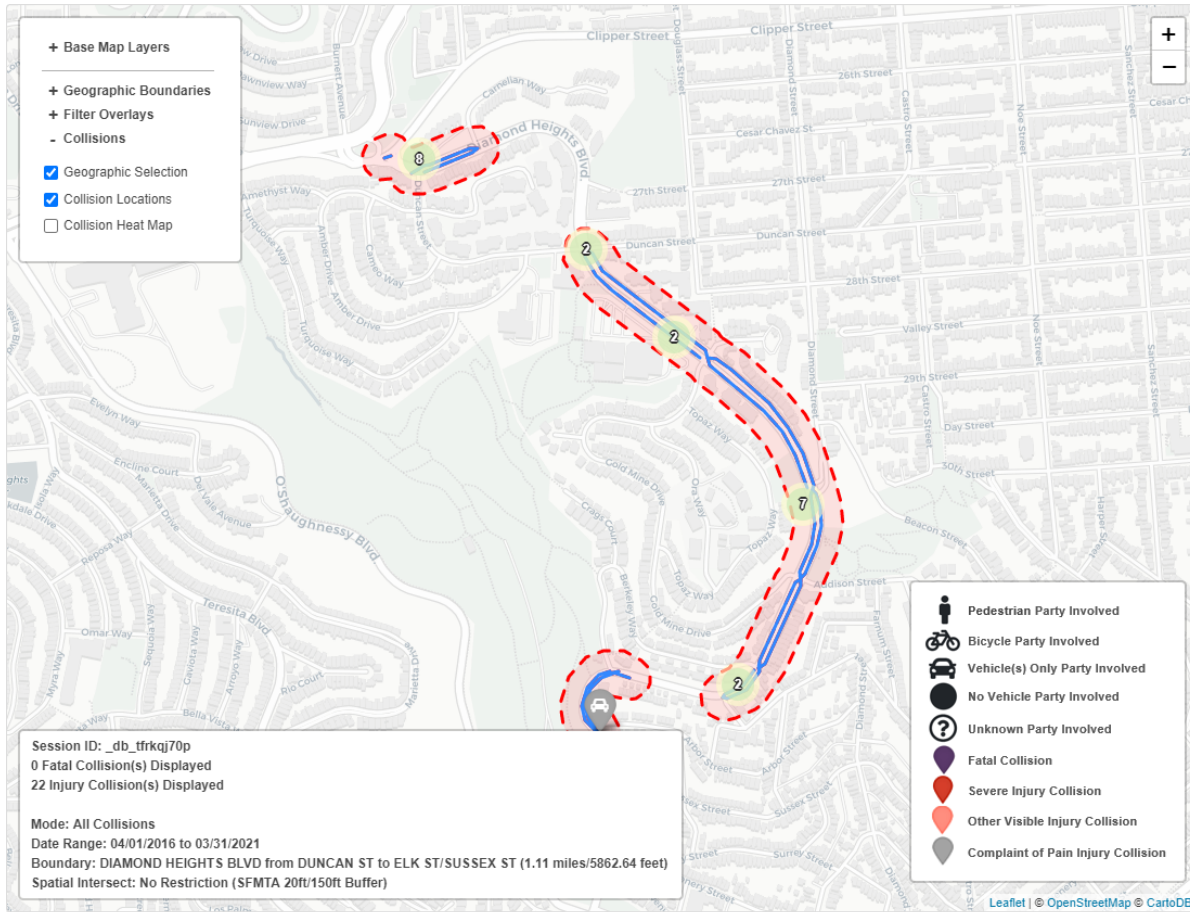
Geographic Extent: DIAMOND HEIGHTS BLVD from DUNCAN ST to ELK ST/SUSSEX ST (1.11 miles/5862.64 feet)

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

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

Pull Date: 6/10/2021

Geographic Extent



TransBASE Internal Dashboard

Geographic Extent: DIAMOND HEIGHTS BLVD from DUNCAN ST to ELK ST/SUSSEX ST (1.11 miles/5862.64 feet)

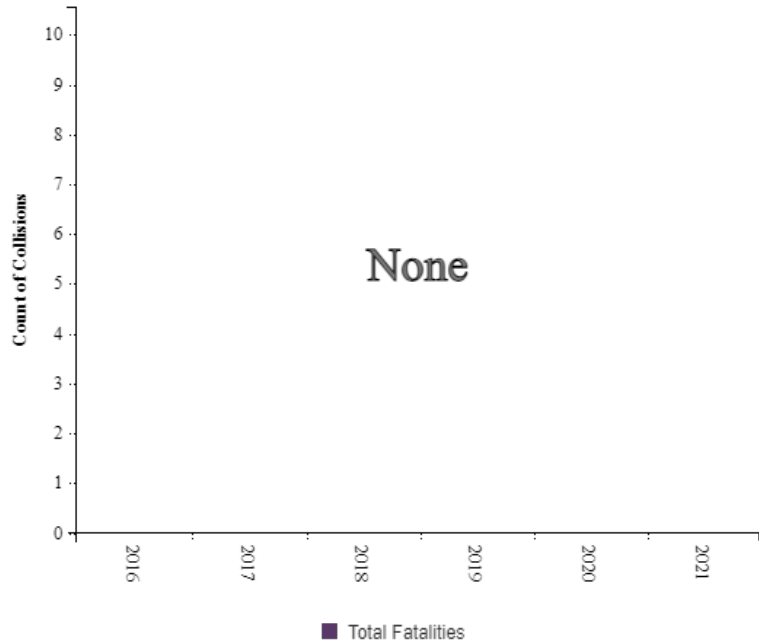
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Data Range: 04/01/2016 to 03/31/2021

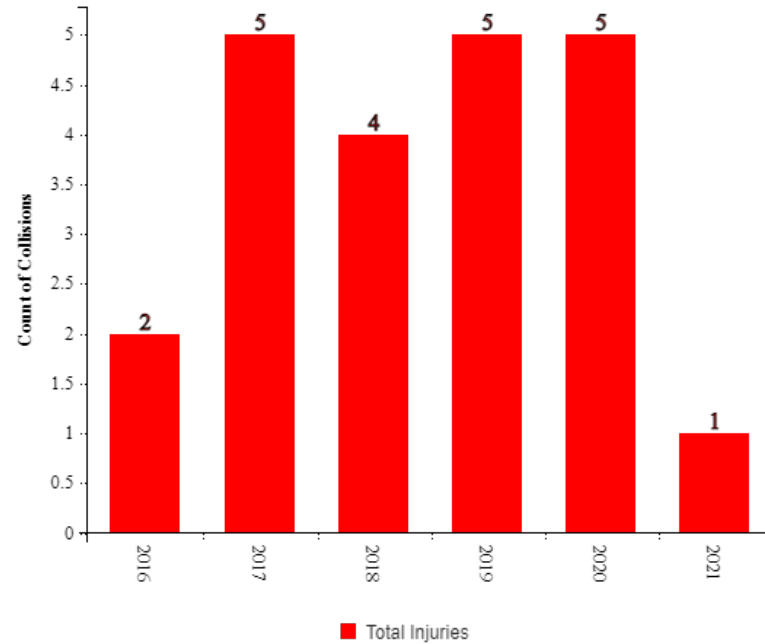
Pull Date: 6/10/2021

Graphs and Trends

Total Fatal Collisions



Total Injury Collisions



TransBASE Internal Dashboard

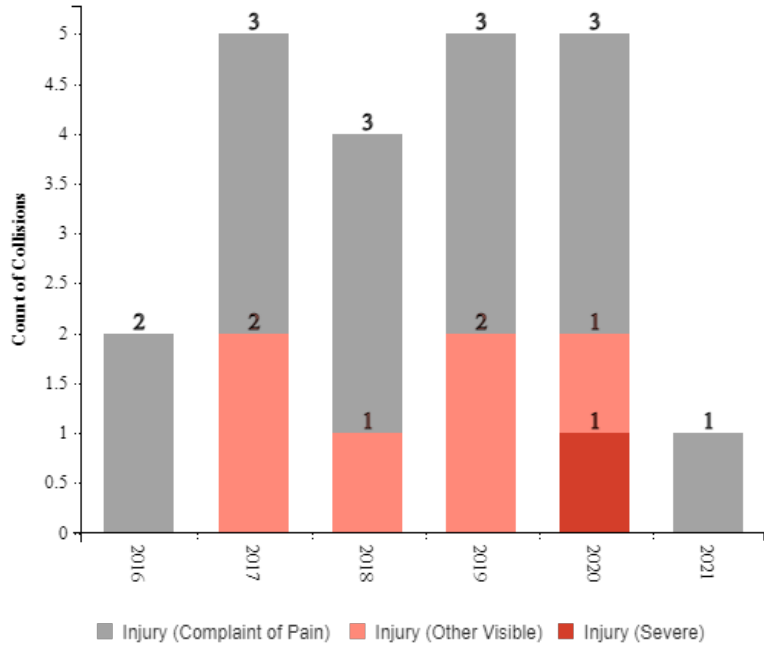
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Spatial Intersect: No Restriction (SFMTA 20ft/150ft Buffer)

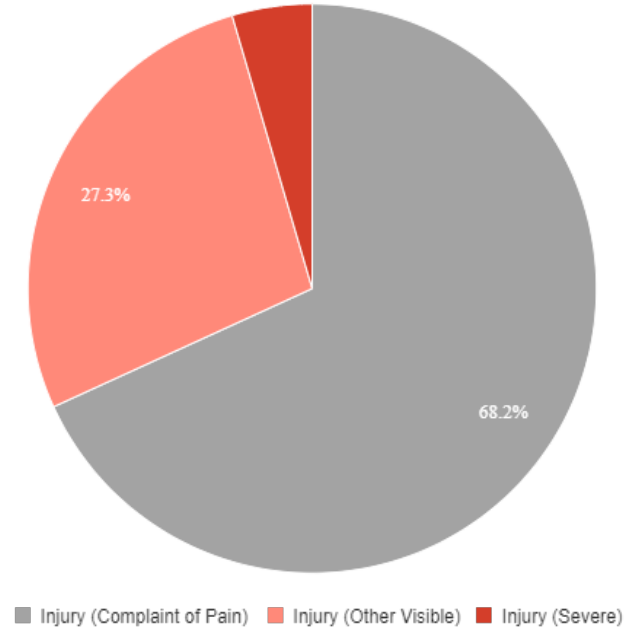
Data Range: 04/01/2016 to 03/31/2021

Pull Date: 6/10/2021

Highest Degree of Injury Severity in Collision



Highest Degree of Injury Severity in Collision



TransBASE Internal Dashboard

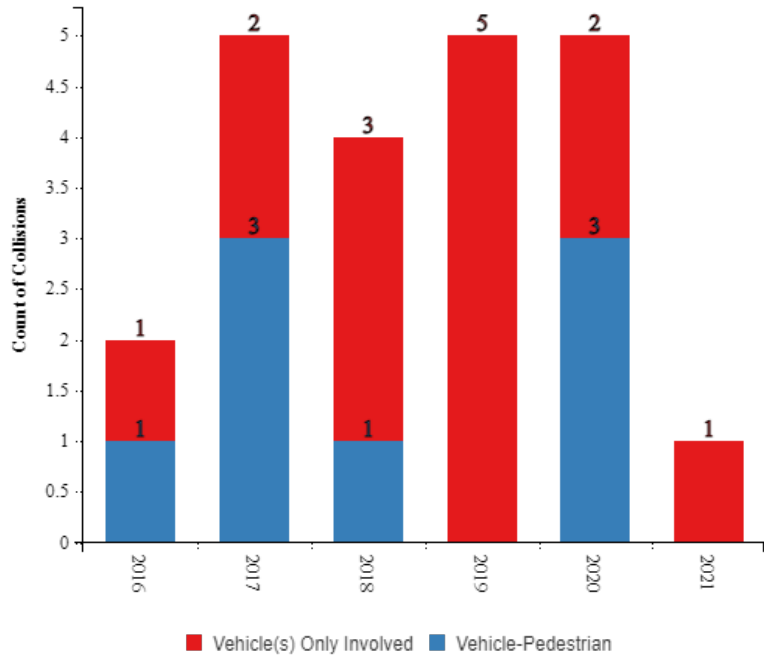
Geographic Extent: DIAMOND HEIGHTS BLVD from DUNCAN ST to ELK ST/SUSSEX ST (1.11 miles/5862.64 feet)

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

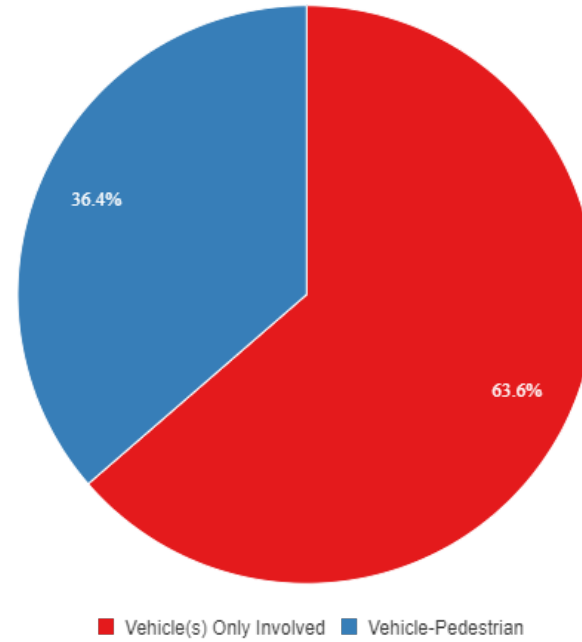
Data Range: 04/01/2016 to 03/31/2021

Pull Date: 6/10/2021

Parties Involved



Parties Involved



TransBASE Internal Dashboard

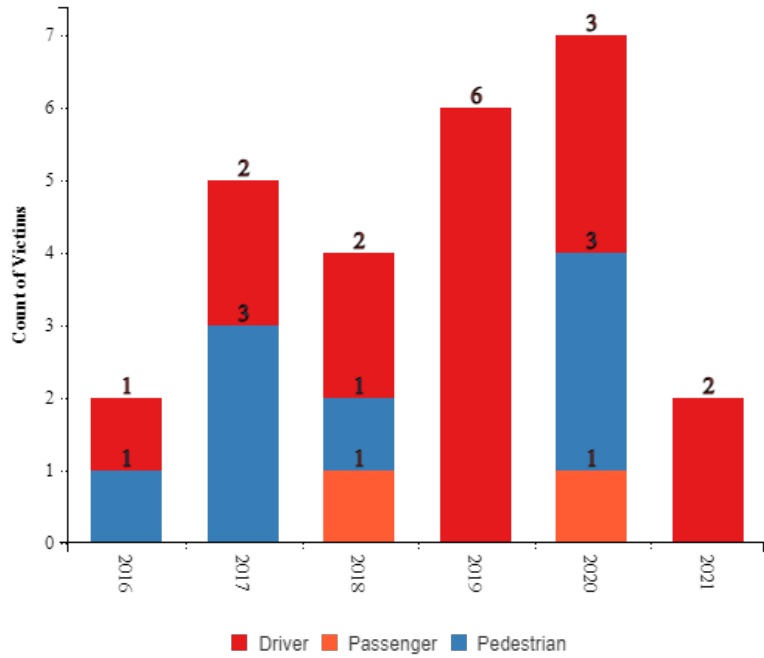
Geographic Extent: DIAMOND HEIGHTS BLVD from DUNCAN ST to ELK ST/SUSSEX ST (1.11 miles/5862.64 feet)

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

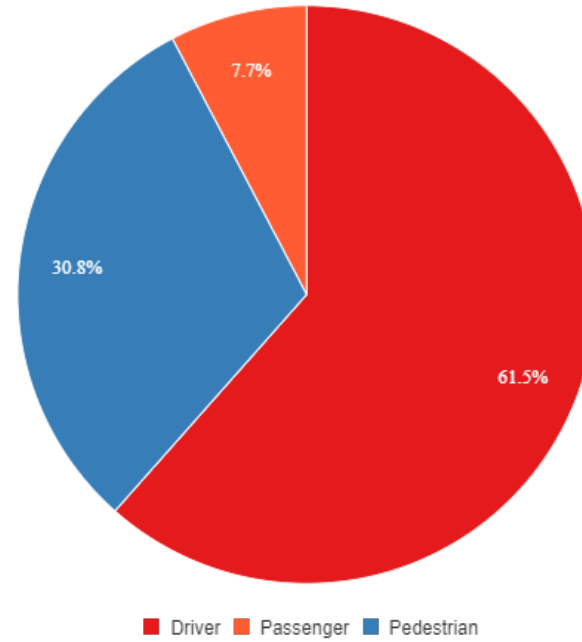
Data Range: 04/01/2016 to 03/31/2021

Pull Date: 6/10/2021

Victim Involved Role



Victim Involved Role



TransBASE Internal Dashboard

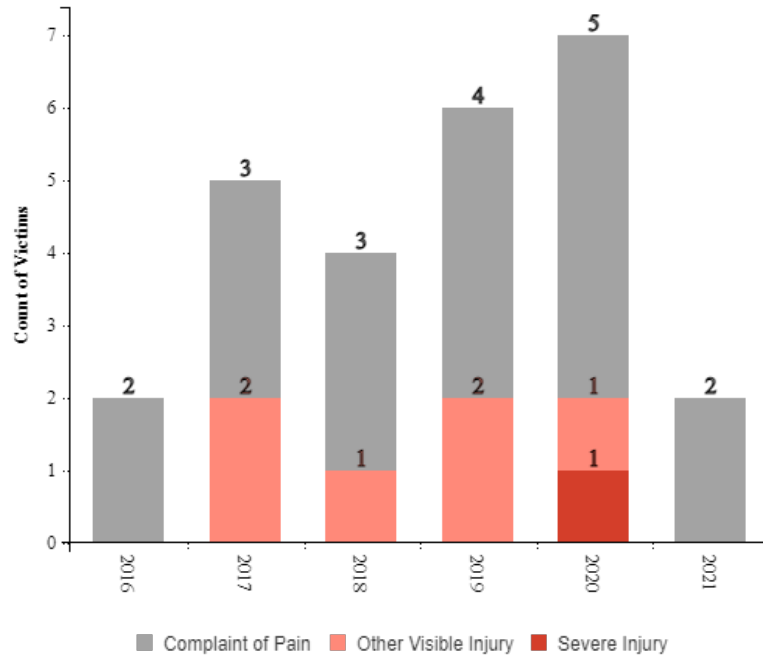
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Spatial Intersect: No Restriction (SFMTA 20ft/150ft Buffer)

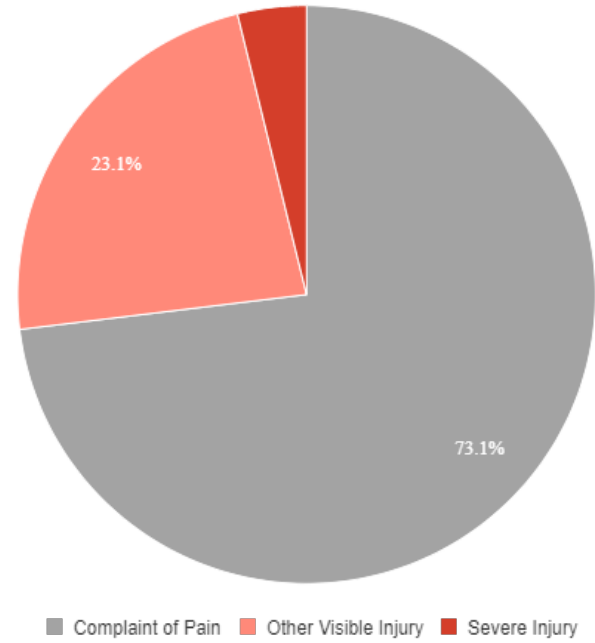
Data Range: 04/01/2016 to 03/31/2021

Pull Date: 6/10/2021

Victim Involved Degree of Injury



Victim Involved Degree of Injury



TransBASE Internal Dashboard

Geographic Extent: DIAMOND HEIGHTS BLVD from DUNCAN ST to ELK ST/SUSSEX ST (1.11 miles/5862.64 feet)

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

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

Pull Date: 6/10/2021

Collision/Party/Victim Table

Showing 1 to 22 of 22 entries

Count of Fatal Collisions: 0

Count of Non-Fatal Injury Collisions: 22

Total Count of Fatal/Non-Fatal Injury Collisions: 22

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
210121919	02/23/2021	12:40	Tuesday	DIAMOND HEIGHTS BLVD	GOLD MINE DR	520	East	Driver	North	Entering Traffic	Driver	East	Proceeding Straight	CVC 21802(a)	Injury (Complaint of Pain)	Broadside	Other Motor Vehicle	Clear	Daylight
200681707	11/11/2020	15:12	Wednesday	DIAMOND HEIGHTS BLVD	DUNCAN ST	18	West	Driver	East	Proceeding Straight	Pedestrian	North	Other	CVC 21950(a)	Injury (Severe)	Sideswipe	Pedestrian	Clear	Daylight
200621377	10/15/2020	07:45	Thursday	DUNCAN ST	DIAMOND HEIGHTS BLVD	0	Not Stated	Driver	East	Proceeding Straight	Pedestrian	North	Not Stated	CVC 22350	Injury (Complaint of Pain)	Head-On	Pedestrian	Clear	Daylight
200620426	10/14/2020	17:06	Wednesday	DIAMOND HEIGHTS BLVD	CARNELIAN WAY	60	South	Driver	East	Proceeding Straight	Parked Vehicle	East	Parked	CVC 22107	Injury (Other Visible)	Sideswipe	Parked Motor Vehicle	Clear	Daylight
200151205	02/28/2020	19:21	Friday	DIAMOND HEIGHTS BLVD	CLIPPER ST	0	Not Stated	Driver	South	Making Left Turn	Driver	East	Proceeding Straight	CVC 21801(a)	Injury (Complaint of Pain)	Broadside	Other Motor Vehicle	Clear	Dark - Street Lights
200118205	02/16/2020	14:45	Sunday	DIAMOND HEIGHTS BLVD	DIAMOND ST	0	Not Stated	Driver	North	Making Right Turn	Pedestrian	South	Proceeding Straight	CVC 21950(a)	Injury (Complaint of Pain)	Vehicle/ Pedestrian	Pedestrian	Clear	Not Stated
190763940	10/10/2019	14:30	Thursday	DIAMOND HEIGHTS BLVD	CLIPPER ST	0	Not Stated	Driver	North	Proceeding Straight	Driver	North	Stopped	CVC 22350	Injury (Complaint of Pain)	Rear End	Other Motor Vehicle	Clear	Daylight
190668340	09/07/2019	17:32	Saturday	DIAMOND HEIGHTS BLVD	DUNCAN ST	0	Not Stated	Driver	East	Making Left Turn	Driver	East	Proceeding Straight	CVC 22107	Injury (Other Visible)	Broadside	Other Motor Vehicle	Clear	Daylight
190556789	07/31/2019	10:30	Wednesday	DIAMOND HEIGHTS BLVD	DUNCAN ST	138	East	Driver	East	Crossed Into Opposing Lane	Driver	South	Proceeding Straight	CVC 21804(a)	Injury (Complaint of Pain)	Broadside	Other Motor Vehicle	Clear	Daylight
190372626	05/24/2019	18:42	Friday	DIAMOND HEIGHTS BLVD	BERKELEY WAY	39	South	Driver	South	Making Right Turn				CVC 22350	Injury (Complaint of Pain)	Hit Object	Fixed Object	Clear	Daylight
190041423	01/17/2019	15:05	Thursday	DIAMOND HEIGHTS BLVD	DUNCAN ST	88	North	Driver	South	Proceeding Straight				CVC 23123(a)	Injury (Other Visible)	Hit Object	Fixed Object	Cloudy	Daylight
180911206	12/03/2018	09:21	Monday	GOLD MINE DR	DIAMOND HEIGHTS BLVD	3	West	Driver	West	Making Right Turn	Pedestrian	North	Proceeding Straight	CVC 21950(a)	Injury (Complaint of Pain)	Vehicle/ Pedestrian	Pedestrian	Clear	Daylight
180504679	07/07/2018	18:35	Saturday	DIAMOND HEIGHTS BLVD	DIAMOND ST	300	West	Driver	South	Backing	Driver	North	Proceeding Straight	CVC 22106	Injury (Other Visible)	Sideswipe	Other Motor Vehicle	Clear	Daylight

TransBASE Internal Dashboard

Geographic Extent: DIAMOND HEIGHTS BLVD from DUNCAN ST to ELK ST/SUSSEX ST (1.11 miles/5862.64 feet)

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

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

Pull Date: 6/10/2021

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
180385996	05/24/2018	07:32	Thursday	DIAMOND HEIGHTS BLVD	DIAMOND ST	380	West	Driver	West	Proceeding Straight	Driver	West	Stopped In Road	CVC 22350	Injury (Complaint of Pain)	Rear End	Other Motor Vehicle	Cloudy	Daylight
180237121	03/30/2018	18:43	Friday	DIAMOND HEIGHTS BLVD	ARBOR ST	25	South	Driver	North	Proceeding Straight	Parked Vehicle	Not Stated	Parked	CVC 22350	Injury (Complaint of Pain)	Rear End	Parked Motor Vehicle	Clear	Daylight
171033704	12/22/2017	16:22	Friday	DIAMOND HEIGHTS BLVD	DIAMOND ST (N)	0	Not Stated	Driver	West	Making Left Turn	Driver	South	Proceeding Straight	CVC 22107	Injury (Complaint of Pain)	Broadside	Other Motor Vehicle	Clear	Daylight
171002163	12/11/2017	16:13	Monday	DIAMOND HEIGHTS BLVD	DIAMOND ST (N)	175	North	Driver	North	Proceeding Straight	Pedestrian	East	Proceeding Straight	CVC 21950(a)	Injury (Complaint of Pain)	Vehicle/ Pedestrian	Pedestrian	Clear	Daylight
170426817	05/24/2017	18:18	Wednesday	DIAMOND HEIGHTS BLVD	GOLD MINE DR (N)	300	North	Driver	North	Backing	Pedestrian	South	Stopped In Road	CVC 22106	Injury (Complaint of Pain)	Vehicle/ Pedestrian	Pedestrian	Clear	Daylight
170348948	04/28/2017	16:50	Friday	DIAMOND HEIGHTS BLVD	GOLD MINE DR (N)	150	North	Driver	East	Stopped In Road	Driver	South	Stopped In Road	CVC 21804(a)	Injury (Other Visible)	Broadside	Other Motor Vehicle	Clear	Daylight
170094862	02/03/2017	22:20	Friday	DIAMOND HEIGHTS BLVD	DIAMOND ST (N)	0	Not Stated	Driver	East	Making Left Turn	Pedestrian	North	Proceeding Straight	CVC 21950(a)	Injury (Other Visible)	Vehicle/ Pedestrian	Not Stated	Clear	Dark - Street Lights
160674452	08/20/2016	20:22	Saturday	DIAMOND HEIGHTS BLVD	CLIPPER ST	0	Not Stated	Driver	East	Making Right Turn	Pedestrian	North	Proceeding Straight	CVC 21950(a)	Injury (Complaint of Pain)	Head-On	Pedestrian	Clear	Dark - Street Lights
160613610	07/30/2016	12:14	Saturday	DIAMOND HEIGHTS BLVD	DUNCAN ST	19	South	Driver	North	Proceeding Straight				CVC 22350	Injury (Complaint of Pain)	Hit Object	Fixed Object	Clear	Daylight

TransBASE Internal Dashboard

Geographic Extent: DIAMOND HEIGHTS BLVD from DUNCAN ST to ELK ST/SUSSEX ST (1.11 miles/5862.64 feet)

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

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

Pull Date: 6/10/2021

Metadata Information

Collision Filters

Database Source: TransBASESF.org
Database Pull Date: 6/10/2021
Collision Level: Injury Collisions
Boundary: DIAMOND HEIGHTS BLVD from DUNCAN ST to ELK ST/SUSSEX ST (1.11 miles/5862.64 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