

APPENDIX D

**Engineering and Traffic Survey Summary Reports
Collision Summary Reports**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Brookhurst Street

LIMITS: Hazard Ave to Westminster Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53		X	1
52			0
51	X	X	2
50		X X	2
49	X	X	2
48	X X	X X X	5
47	X X	X	3
46	X	X X X X X X	7
45	X	X X X	4
44	X	X	2
43	X X X X X X X X X X	X X X	13
42	X X X X X X X X X X	X X X X X X	15
41	X X X	X X X X X X X	10
40	X X X X X X X	X X X X X X X	14
39	X X X X X X X X X X	X X X X X X	17
38	X X X X X	X X X X X X X X X X	15
37	X X X X X X X X X X X X	X X X X X X X X	22
36	X X X X X X X	X X X X X X X X	15
35	X X X X X X X	X X X X X X	13
34	X X X X X X	X X X X X X X X	14
33	X X X	X X X X	7
32	X	X X X X	5
31	X X X X	X X X	7
30	X X		2
29	X		1
28			0
27	X		1
26	X		1
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/27/2021 TIME: 9:12 AM - 10:03 AM

STREET CLASIFICATION: Major Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization, parallel on-street parking
Bike lane

ADJACENT LAND USE: Retail/commercial.residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 42,800 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 7 midblock collisions

ACCIDENT RATE: 0.44 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 43 M.P.H.

50TH %: 37 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 74%

% OVER PACE: 14%

% UNDER PACE: 12%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 7

From 1/1/2019 to 12/31/2020

Total Collisions: 10

Injury Collisions: 4

Fatal Collisions: 0

Collision Summary Report

10/8/21

BROOKHURST ST from HAZARD AVE to WESTMINSTER AVE

Page 1 of 2

8822958	3/2/2019	21:25	Saturday	BROOKHURST ST - 15TH ST	80'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:2
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Stopped in Road		Female Age: 20	2013 VOLKSWAGEN		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
Party 2 Driver	North	Proceeding Straight		Not Sta Age: 0-			Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated	Not Stated		Not Stated		
8856913	4/12/2019	22:24	Friday	BROOKHURST ST - WESTMINSTER AVE	66'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Pedestrian	Pedestrian Violation	21956A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Pedestrian	East	Other		Male Age: 37	0-		Pedestrian	No Injury	
Veh Type: Pedestrian		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2 Driver	North	Proceeding Straight		Male Age: 30	2011 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
8851839	4/17/2019	05:10	Wednesday	BROOKHURST ST - WESTMINSTER AVE	210'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Female Age: 17	2003 VOLKSWAGEN		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
Party 2 Driver	North	Proceeding Straight		Male Age: 46	2016 DODGE		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
8889539	6/16/2019	15:21	Sunday	BROOKHURST ST - WESTMINSTER AVE	220'	Direction: South	Daylight	Cloudy	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Changing Lanes		Male Age: 71	2003 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
Party 2 Driver	North	Proceeding Straight		Male Age: 41	2017 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
8950014	8/12/2019	17:03	Monday	BROOKHURST ST - READING AVE	131'	Direction: North	Daylight	Clear	Pty at Fault:
	Rear-End		Other Motor Vehicle	Unknown		Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Female Age: 32	2019 MERCEDES-BENZ		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
Party 2 Driver	North	Proceeding Straight		Female Age: 29	2012 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
8957242	9/17/2019	10:02	Tuesday	BROOKHURST ST - 15TH ST	172'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Passing	21755A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

BROOKHURST ST from HAZARD AVE to WESTMINSTER AVE

Party 1 Driver	North	Making Right Turn	Male	Age: 64	2004 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2 Driver	North	Proceeding Straight	Female	Age: 87	2017 SUBARU		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9121651	5/11/2020	19:15	Monday	BROOKHURST ST - WESTMINSTER AVE		350'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight	Not Sta	Age:	2017 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2 Driver	North	Proceeding Straight	Male	Age: 57	2003 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9148453	6/15/2020	10:50	Monday	BROOKHURST ST - READING AVE		197'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight	Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem	No Injury		
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2 Driver	North	Stopped in Road	Female	Age: 23	2017 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
Party 3 Driver	North	Stopped in Road	Male	Age: 53	2001 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
Party 4 Driver	North	Stopped in Road	Male	Age: 36	2015 FORD		Other Commercial	No Injury		
Veh Type: Other Bus		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9128815	6/15/2020	11:14	Monday	BROOKHURST ST - WESTMINSTER AVE		71'	Direction: South	Daylight	Clear	Pty at Fault:1
	Hit Object		Other Object	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	Not S	Proceeding Straight	Female	Age: 53	2017 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9191774	11/14/2020	20:44	Saturday	BROOKHURST ST - 13TH ST		151'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Pedestrian Violation		21954A	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1 Pedestrian	West	Entering Traffic	Male	Age: 47	0 -		Pedestrian	No Injury		
Veh Type: Pedestrian		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2 Driver	South	Proceeding Straight	Male	Age: 23	2020 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Violation		Other	Not Stated			

Segment Length: 0.51 miles (2,682')

Settings for Query:

Segment: BROOKHURST ST between HAZARD AVE and WESTMINSTER AVE

Include Intersection Related at Limit 1 (HAZARD AVE): False

Include Intersection Related at Limit 2 (WESTMINSTER AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Brookhurst Street

LIMITS: Westminster Ave to Trask Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52		X	1
51		X	1
50			0
49		X	1
48			0
47	X		1
46	X	X X	3
45	X X X	X	4
44	X X	X X	4
43		X	1
42	X X	X	3
41	X	X X	3
40	X X X X	X X X X X X	10
39	X X X X	X X X	7
38	X X X X X X X X X X X X X X	X X X X X X	19
37	X	X X X X X X X X X X X X X X X X	16
36	X X X X X X X X X	X X X X X X X	15
35	X X X X X X X X X X	X X X X X X X X X X X X	20
34	X X X X X X X X X X X X X X X X	X X X X X X X X X	22
33	X X X X X X X X X	X X X X X X X X X X X X X X	21
32	X X X X X X X X	X X X X X X X	13
31	X X X X X X	X X X X X X	10
30	X X X X	X X X	6
29	X	X X X	4
28	X	X X	3
27	X		1
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			189

DATE: 8/27/2021 TIME: 10:16 AM - 11:23 AM

STREET CLASIFICATION: Major Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization, parallel on-street parking
Bike lane

ADJACENT LAND USE: Retail/commercial.residential. school

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 53,800 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 14 midblock collisions

ACCIDENT RATE: 0.71 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 39 M.P.H.

50TH %: 34 M.P.H.

15TH %: 31 M.P.H.


AVERAGE SPEED: 36 M.P.H.

10 MPH PACE: 31 - 40 M.P.H.

% IN PACE: 81%

% OVER PACE: 12%

% UNDER PACE: 7%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 14

From 1/1/2019 to 12/31/2020

Total Collisions: 15

Injury Collisions: 3

Fatal Collisions: 0

Collision Summary Report

10/26/21

BROOKHURST ST from WESTMINSTER AVE to TRASK AVE

Page 1 of 3

8801412	2/6/2019	09:55	Wednesday	BROOKHURST ST - WOODBURY AVE	394'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Merging		Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	South	Proceeding Straight		Female	Age: 35	2013 LEXUS	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8823017	3/3/2019	18:45	Sunday	BROOKHURST ST - TRASK AVE	900'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Changing Lanes		Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	North	Proceeding Straight		Female	Age: 26	2015 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8815812	3/4/2019	12:20	Monday	BROOKHURST ST - WESTMINSTER AVE	80'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Changing Lanes		Male	Age: 59	1999 JAGUAR	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight		Female	Age: 38	2015 LEXUS	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8844741	4/1/2019	23:09	Monday	BROOKHURST ST - TRAYLOR WAY	451'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 28	2015 CHEVROLET	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Violation		Air Bag Deployed	Not Stated		
8853841	4/24/2019	18:30	Wednesday	BROOKHURST ST - WOODBURY AVE	250'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 29	2007 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Stopped in Road		Female	Age: 34	2015 BMW	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8889501	6/12/2019	02:20	Wednesday	BROOKHURST ST - WESTMINSTER AVE	363'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 21	2010 MAZDA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		

BROOKHURST ST from WESTMINSTER AVE to TRASK AVE

8894452	6/30/2019	19:04	Sunday	BROOKHURST ST - WESTMINSTER AVE	566'	Direction: North	Daylight	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Making Left Turn		Male	Age: 62	2005 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight		Male	Age: 44	2002 CHEVROLET	Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8957214	9/20/2019	07:50	Friday	BROOKHURST ST - WOODBURY AVE	220'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Changing Lanes		Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	South	Proceeding Straight		Female	Age: 26	2013 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8974707	10/20/2019	18:30	Sunday	BROOKHURST ST - TRASK AVE	333'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 50	2004 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Stopped in Road		Male	Age: 31	1995 FORD	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8985321	11/16/2019	02:09	Saturday	BROOKHURST ST - TRASK AVE	175'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Overtuned		Fixed Object	Wrong Side of Road	21650	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Traveling Wrong Way		Not Sta	Age:	2004 LEXUS	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
8992055	11/17/2019	11:03	Sunday	BROOKHURST ST - TRASK AVE	411'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Bicycle	Improper Turning	22107	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 78	1994 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Bicyclist	North	Proceeding Straight		Male	Age: 78	0 -	Bicycle	No Injury	
Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
9036224	12/21/2019	10:30	Saturday	BROOKHURST ST - WESTMINSTER AVE	400'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Not Sta	Age:	2013 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Stopped in Road		Male	Age: 63	2014 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9003725	12/23/2019	18:06	Monday	BROOKHURST ST - WOODBURY AVE	700'	Direction: North	Dark - Street Ligh	Raining	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	South	Making Right Turn		Female	Age: 63	1994 ISUZU	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
9099761	4/19/2020	19:56	Sunday	BROOKHURST ST - WESTMINSTER AVE	185'	Direction: North	Dusk - Dawn	Clear	Pty at Fault:2
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0

BROOKHURST ST from WESTMINSTER AVE to TRASK AVE

Party 1 Driver	South	Changing Lanes	Not Sta	Age: 0-		Sport Utility Vehicle	No Injury			
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated				
Party 2 Driver	South	Changing Lanes	Male	Age: 76	2003 -	Passenger Car, Station Wagon, Jeep	No Injury			
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
9192174	11/12/2020	15:25	Thursday	BROOKHURST ST - TRASK AVE		309'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe	Other Motor Vehicle	Unsafe Lane Change		21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0	
Party 1 Driver	North	Changing Lanes	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury			
Veh Type: Not Stated		Sobriety: HBD Impairment Un	Assoc Factor: Not Stated		Not Stated	Not Stated				
Party 2 Driver	North	Proceeding Straight	Male	Age: 76	2006 -	Sport Utility Vehicle	No Injury			
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				

Segment Length: 0.49 miles (2,605')**Settings for Query:****Segment: BROOKHURST ST between WESTMINSTER AVE and TRASK AVE****Include Intersection Related at Limit 1 (WESTMINSTER AVE): False****Include Intersection Related at Limit 2 (TRASK AVE): False****Include Intersection Related at Intermediate Intersections: False****Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Brookhurst Street

LIMITS: Trask Ave to Garden Grove Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59		X	1
58			0
57			0
56			0
55			0
54	X		1
53	X		1
52			0
51		X	1
50	X X X		3
49	X X X		3
48	X X	X X X	5
47	X X X	X X	5
46	X X X	X	4
45	X	X X X	4
44	X X X X X X X	X X X	9
43	X X X	X X X X X X X	10
42	X X X X X	X X X X X	10
41	X X X X X	X X X X X X X X X X	15
40	X X X	X X X X X	8
39	X X X X X X X	X X X X X X X X X X	17
38	X X X X X X X	X X X X X X X X X X	17
37	X X X X X X	X X X X X X X X X X X X	18
36	X X X X X X X X	X X X X	12
35	X X X X X	X X X X X X X	12
34	X X X X X X X X X	X X X	12
33	X X X X	X X X	7
32	X X X X	X X X X	8
31	X X X X	X X	6
30	X X X	X	4
29	X		1
28	X X	X X	4
27		X	1
26	X		1
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/27/2021 TIME: 11:39 AM - 12:14 PM

STREET CLASIFICATION: Major Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization, parallel on-street parking
Bike lane

ADJACENT LAND USE: Retail/commercial, residential, school

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 46,900 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 6 midblock collisions

ACCIDENT RATE: 0.35 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 43 M.P.H.

50TH %: 37 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 66%

% OVER PACE: 19%

% UNDER PACE: 16%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 6

From 1/1/2019 to 12/31/2020

**Total Collisions: 8
Injury Collisions: 4
Fatal Collisions: 0**

Collision Summary Report

10/26/21

BROOKHURST ST from TRASK AVE to GARDEN GROVE BLVD

Page 1 of 2

8912224	7/6/2019	10:03	Saturday	BROOKHURST ST - GARDEN GROVE BLVD	580'	Direction: South	Daylight	Clear	Pty at Fault:
	Broadside		Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Making Left Turn		Female Age: 19	2014 HYUNDAI		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	North	Proceeding Straight		Male Age: 20	2007 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
8950002	8/25/2019	09:57	Sunday	BROOKHURST ST - GARDEN GROVE BLVD	240'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male Age: 57	1994 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	North	Stopped in Road		Male Age: 45	2003 MERCEDES-BENZ		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8956817	9/26/2019	18:00	Thursday	BROOKHURST ST - TRASK AVE	139'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Female Age: 18	2012 AUDI		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	North	Slowing/Stopping		Female Age: 50	2001 LEXUS		Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8973935	10/10/2019	12:06	Thursday	BROOKHURST ST - TRASK AVE	318'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	Not S	Proceeding Straight		Not Sta Age: 0 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	South	Stopped in Road		Female Age: 44	2013 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8979887	10/14/2019	12:41	Monday	BROOKHURST ST - TRASK AVE	155'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Female Age: 20	2007 HYUNDAI		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Slowing/Stopping		Female Age: 55	2001 CHRYSLER		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9010104	11/20/2019	08:30	Wednesday	BROOKHURST ST - RUSSELL AVE (N)	180'	Direction: North	Daylight	Raining	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0

BROOKHURST ST from TRASK AVE to GARDEN GROVE BLVD

Party 1 Driver	South	Proceeding Straight	Not Sta	Age: 0 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	South	Stopped in Road	Female	Age: 49	2007 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9136535	4/28/2020	20:33	Tuesday	BROOKHURST ST - GARDEN GROVE BLVD		290'	Direction: South	Dark - Street Ligh Clear	Pty at Fault:1
	Hit Object	Fixed Object	Improper Turning		22107	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0	
Party 1 Driver	North	Making Left Turn	Not Sta	Age: 1998 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
9153267	7/19/2020	20:32	Sunday	BROOKHURST ST - GARDEN GROVE BLVD		72'	Direction: South	Dark - Street Ligh Clear	Pty at Fault:1
	Rear-End	Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0	
Party 1 Driver	Not S	Proceeding Straight	Not Sta	Age: 0 -				No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	North	Stopped in Road	Male	Age: 38	2019 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		

Segment Length: 0.50 miles (2,638')**Settings for Query:****Segment: BROOKHURST ST between TRASK AVE and GARDEN GROVE BLVD****Include Intersection Related at Limit 1 (TRASK AVE): False****Include Intersection Related at Limit 2 (GARDEN GROVE BLVD): False****Include Intersection Related at Intermediate Intersections: False****Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Brookhurst Street

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57		X	1
56			0
55			0
54			0
53			0
52	X X	X X	4
51	X	X	2
50	X	X	2
49	X X		2
48	X X X	X	4
47	X X X	X	4
46	X X X X	X	5
45	X X X X	X X	6
44	X X X X X X X X	X X X	11
43	X X X X X X X X	X X X X	12
42	X X X X	X X X X	8
41	X X X X	X X X X X X X X	11
40	X X X X X X X X X X	X X X X X X X X	17
39	X X X X X X X X X X	X X X X X	14
38	X X X X X X X X X X	X X X X X X X X X X	19
37	X X X X X	X X X X X X X X X X X	16
36	X X X X X	X X X X	9
35	X X X X X X X X	X X X X X	12
34	X X X X X X X	X X X X	11
33		X X X X X X X X X	8
32	X X X	X X X X X X X X X	11
31	X	X X X X X	6
30		X X	2
29	X	X	2
28		X	1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20	X		1
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			201

DATE: 8/27/2021 TIME: 12:43 PM - 1:25 PM

STREET CLASIFICATION: Major Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization, parallel on-street parking
Bike lane

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 36,500 vehicles SEGMENT LENGTH: 0.56 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 7 midblock collisions

ACCIDENT RATE: 0.47 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 44 M.P.H.

50TH %: 38 M.P.H.

15TH %: 33 M.P.H.

AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 64%

% OVER PACE: 15%

% UNDER PACE: 21%

REGISTERED PROFESSIONAL ENGINEER

RUBEN PERALES

No. 83169

CIVIL

STATE OF CALIFORNIA

TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 7

From 1/1/2019 to 12/31/2020

Total Collisions: 9

Injury Collisions: 4

Fatal Collisions: 0

Collision Summary Report

10/26/21

BROOKHURST ST from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 2

8842857	3/2/2019	15:00	Saturday	BROOKHURST ST - GARDEN GROVE BLVD	321'	Direction: North	Daylight	Cloudy	Pty at Fault:1
	Head-On		Fixed Object	Driving Under Influence	23152E	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 45	2018 RAM	Pickups & Panels		Other Visible Injury
Veh Type: Pickup Truck		Sobriety: HBD	Under Influence	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8844540	4/13/2019	12:24	Saturday	BROOKHURST ST - STANFORD AVE	75'	Direction: South	Daylight	Clear	Pty at Fault:1
	Overtaken		Fixed Object	Unsafe Lane Change	21658A	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1 Driver	North	Changing Lanes		Female	Age: 41	1998 CHEVROLET	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	North	Proceeding Straight		Male	Age: 31	2016 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
8870510	5/8/2019	11:50	Wednesday	BROOKHURST ST - GARDEN GROVE BLVD	483'	Direction: North	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Making U Turn		Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem		No Injury
Veh Type: Not Stated		Sobriety: Impairment	Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	South	Proceeding Straight		Male	Age: 46	2000 TOYOTA	Mini Van		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8897215	6/28/2019	12:15	Friday	BROOKHURST ST - LAMPSON AVE	64'	Direction: South	Daylight	Clear	Pty at Fault:
	Hit Object		Fixed Object	Other Than Driver or Ped		Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	North	Ran Off Road		Female	Age: 73	2016 TOYOTA	Passenger Car, Station Wagon, Jeep		Other Visible Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9022794	12/11/2019	11:30	Wednesday	BROOKHURST ST - GARDEN GROVE BLVD	255'	Direction: North	Daylight	Clear	Pty at Fault:1
	Broadside		Parked Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Making Right Turn		Female	Age: 66	2004 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	West	Parked		Female	Age: 25	2008 MERCEDES-BENZ	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Pedestrian	West	Stopped in Road		Male	Age: 57	0-	Pedestrian		No Injury
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 4 Pedestrian	West	Stopped in Road		Female	Age: 21	0-	Pedestrian		No Injury
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
9053785	1/14/2020	09:51	Tuesday	BROOKHURST ST - STANFORD AVE	471'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

BROOKHURST ST from GARDEN GROVE BLVD to LAMPSON AVE

Party 1 Driver	South	Changing Lanes	Female	Age: 63	2002 HONDA	Passenger Car, Station Wagon, Jeep	No Injury			
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated				
Party 2 Driver	South	Proceeding Straight	Female	Age: 39	2019 CHEVROLET	Pickups & Panels	No Injury			
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated				
9061835	2/20/2020	20:24	Thursday	BROOKHURST ST - STANFORD AVE		160'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Starting or Backing	22106	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0	
Party 1 Driver	North	Backing	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury			
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated				
Party 2 Driver	North	Stopped in Road	Female	Age: 44	2015 HONDA	Passenger Car, Station Wagon, Jeep	No Injury			
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated				
9112089	3/30/2020	16:49	Monday	BROOKHURST ST - STANFORD AVE		550'	Direction: North	Daylight	Clear	Pty at Fault:1
	Head-On		Bicycle	Pedestrian Violation	21954A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0	
Party 1 Bicyclist	East	Entering Traffic	Not Sta	Age: 0-		Bicycle	No Injury			
Veh Type: Bicycle		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated				
Party 2 Driver	South	Proceeding Straight	Female	Age: 36	2018 -	Sport Utility Vehicle	No Injury			
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated				
9149133	9/4/2020	17:14	Friday	BROOKHURST ST - STANFORD AVE		281'	Direction: North	Daylight	Clear	Pty at Fault:
	Hit Object		Fixed Object	Other Than Driver or Ped		Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0	
Party 1 Driver	North	Proceeding Straight	Male	Age: 38	2020 -	Passenger Car, Station Wagon, Jeep	No Injury			
Veh Type: Passenger Car with Tr		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated				

Segment Length: 0.55 miles (2,925')

Settings for Query:

Segment: BROOKHURST ST between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Brookhurst Street

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58		X	1
57			0
56			0
55			0
54	X		1
53			0
52			0
51	X	X	2
50	X		1
49	X	X X X	4
48		X X X	3
47	X	X X X	4
46	X X X X X X X X	X	8
45	X X X X X X X X	X	8
44	X X X	X X X X X	8
43	X X X X X X X X X X	X X X	12
42	X X X X X X X X	X X X X X	12
41	X X X X X	X X X X X X	11
40	X X X X	X X X X X X X	11
39	X X X X X	X X X X X	10
38	X X X X X X X	X X X X X X X X X X	17
37	X X X X X X X	X X X X X X X X	13
36	X X X X X X X	X X X X X X X X	13
35	X X X X X	X X X X X X X X	12
34	X X X X X	X X X X X X	11
33	X X X X X X X	X X X X X X	12
32	X X X X X X	X X X X	9
31	X X X X	X X X	6
30	X	X X X X	5
29	X X	X	3
28	X		1
27	X X		2
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/27/2021 TIME: 1:45 PM - 2:30 PM

STREET CLASIFICATION: Major Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization, parallel on-street parking
Bike lane

ADJACENT LAND USE: Retail/commercial, residential, school

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 37,400 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 9 midblock collisions

ACCIDENT RATE: 0.66 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 44 M.P.H.

50TH %: 37 M.P.H.

15TH %: 32 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 61%

% OVER PACE: 20%

% UNDER PACE: 19%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 9

From 1/1/2019 to 12/31/2020

Total Collisions: 10

Injury Collisions: 7

Fatal Collisions: 0

Collision Summary Report

10/26/21

BROOKHURST ST from LAMPSON AVE to CHAPMAN AVE

Page 1 of 2

8819705	2/12/2019	20:48	Tuesday	BROOKHURST ST - CHAPMAN AVE		567'	Direction: South	Dark - Street Ligh	Cloudy	Pty at Fault:
	Head-On		Other Motor Vehicle	Unknown			Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	West	Making Left Turn		Male	Age: 28	2010 INFINITI	Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2 Driver	Not S	Proceeding Straight		Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem		No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated			
8824261	3/7/2019	18:15	Thursday	BROOKHURST ST - CHAPMAN AVE		250'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem		No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2 Driver	North	Stopped in Road		Female	Age: 36	2018 TOYOTA	Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
8889004	6/15/2019	02:35	Saturday	BROOKHURST ST - LAMPSON AVE		500'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Fixed Object	Improper Turning		22107	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 23	2010 HONDA	Passenger Car, Station Wagon, Jeep		Other Visible Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
8930933	8/5/2019	20:20	Monday	BROOKHURST ST - CHAPMAN AVE		963'	Direction: South	Daylight	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Auto R/W Violation		21804A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	Not S	Making Right Turn		Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem		No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2 Driver	North	Proceeding Straight		Male	Age: 26	2019 HYUNDAI	Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
8973924	10/1/2019	12:27	Tuesday	BROOKHURST ST - CHAPMAN AVE		783'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Improper Turning		22107	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	West	Crossed Into Opposing Lane		Female	Age: 21	2002 GMC	Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
Party 2 Driver	South	Proceeding Straight		Female	Age: 49	2010 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
Party 3 Driver	South	Proceeding Straight		Male	Age: 72	2003 HONDA	Mini Van		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
9009933	12/4/2019	22:05	Wednesday	BROOKHURST ST - PAVILLION WAY		320'	Direction: South	Dark - Street Ligh	Cloudy	Pty at Fault:1
	Head-On		Fixed Object	Improper Turning		22107	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0

BROOKHURST ST from LAMPSON AVE to CHAPMAN AVE

Midblock Collisions: 9

Party 1 Driver	North	Making U Turn	Female	Age: 20	2003 HONDA	Passenger Car, Station Wagon, Jeep	Complaint of Pain			
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
9136435	6/22/2020	22:37	Monday	BROOKHURST ST - LAMPSON AVE		186'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	South	Proceeding Straight	Male	Age: 28	2018 -		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
Party 2 Driver	South	Stopped in Road	Male	Age: 40	2019 FORD		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 3 Driver	South	Stopped in Road	Female	Age: 34	2005 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9144249	8/11/2020	13:10	Tuesday	BROOKHURST ST - LAMPSON AVE		168'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight	Male	Age: 36	2001 -		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2 Driver	North	Slowing/Stopping	Female	Age: 24	2020 -		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 3 Driver	North	Slowing/Stopping	Male	Age: 52	2018 -		Mini Van		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9182987	8/15/2020	19:57	Saturday	BROOKHURST ST - BIXBY AVE		75'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Improper Turning		22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight	Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem		No Injury	
Veh Type: Not Stated		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2 Driver	South	Proceeding Straight	Female	Age: 43	2019 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9149015	9/5/2020	01:34	Saturday	BROOKHURST ST - LAMPSON AVE		495'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Fixed Object	Unsafe Speed		22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Proceeding Straight	Male	Age: 21	2010 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			

Segment Length: 0.51 miles (2,679')

Settings for Query:

Segment: BROOKHURST ST between LAMPSON AVE and CHAPMAN AVE
 Include Intersection Related at Limit 1 (LAMPSON AVE): False
 Include Intersection Related at Limit 2 (CHAPMAN AVE): False
 Include Intersection Related at Intermediate Intersections: False
 Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Brookhurst Street

LIMITS: Chapman Ave to Orangewood Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56	X		1
55	X	X	2
54	X	X	2
53	X X		2
52	X X	X	3
51	X X X X	X X	6
50	X X X	X X X	6
49	X X X	X X X X X	9
48	X X X X	X X X X X	9
47	X X X X X	X X X X X	10
46	X X X X X X	X X X	9
45	X X X X X X X X X X X X X X	X X X X X	17
44	X X X X X X X X X X X X X X	X X X X X X X X	20
43	X X X X X X X	X X X X X X X	14
42	X X X X X X X X X X X X X X	X X X X X X X X X X X X	24
41	X X X X X X X X	X X X X X X X X	14
40	X X	X X X X X X X	9
39	X X X X X X X	X X X X X	11
38	X X X X	X X X X X	9
37	X X	X X X X	6
36	X X	X	3
35		X X X X X X X X	7
34		X	1
33		X	1
32		X	1
31			0
30		X X	2
29		X	1
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			199

DATE: 8/27/2021 TIME: 2:41 PM - 3:25 PM

STREET CLASIFICATION: Major Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization, parallel on-street parking
Bike lane

ADJACENT LAND USE: Retail/commercial.residential

ROADWAY CONDITIONS: Very Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 33,100 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 11 midblock collisions

ACCIDENT RATE: 0.90 acc/mvm EXPECTED RATE: 0.8 acc/mvm

85TH %: 48 M.P.H.

50TH %: 42 M.P.H.

15TH %: 38 M.P.H.

AVERAGE SPEED: 43 M.P.H.

10 MPH PACE: 39 - 48 M.P.H.

% IN PACE: 69%

% OVER PACE: 16%

% UNDER PACE: 16%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 11

From 1/1/2019 to 12/31/2020

Total Collisions: 12

Injury Collisions: 5

Fatal Collisions: 0

Collision Summary Report

10/26/21

BROOKHURST ST from CHAPMAN AVE to ORANGEWOOD AVE

Page 1 of 3

8787874	1/8/2019	15:11	Tuesday	BROOKHURST ST - CHAPMAN AVE	415'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male Age: 31	2015 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	North	Making Right Turn		Female Age: 62	2009 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8851829	4/7/2019	07:01	Sunday	BROOKHURST ST - ROYAL PALM BLVD	148'	Direction: South	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Not Sta Age:	2016 HYUNDAI		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
8870715	5/20/2019	22:24	Monday	BROOKHURST ST - CHAPMAN AVE	486'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Changing Lanes		Not Sta Age:	2007 TOYOTA		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	South	Proceeding Straight		Female Age: 23	2002 FORD		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8889035	6/15/2019	14:39	Saturday	BROOKHURST ST - CHAPMAN AVE	395'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Bicycle	Wrong Side of Road	216501	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Bicyclist	North	Proceeding Straight		Female Age: 22	0 -		Bicycle	Complaint of Pain	
Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	East	Entering Traffic		Female Age: 48	1999 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8914937	7/12/2019	17:35	Friday	BROOKHURST ST - CHAPMAN AVE	400'	Direction: North	Daylight	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Entering Traffic		Male Age: 76	2006 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Entering Traffic		Female Age: 24	2016 MAZDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8960614	9/30/2019	16:56	Monday	BROOKHURST ST - ORANGEWOOD AVE	233'	Direction: South	Daylight	Clear	Pty at Fault:
	Sideswipe		Bicycle	Other Than Driver or Ped		Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Other Unsafe Turning		Male Age: 26	2014 FORD		Police Car	No Injury	
Veh Type: Emergency Vehicle		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

BROOKHURST ST from CHAPMAN AVE to ORANGEWOOD AVE

Midblock Collisions: 11

Party 2	Bicyclist	North	Traveling Wrong Way	Male	Age: 50	0 -		Bicycle		Complaint of Pain	
	Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated		
8965335		10/1/2019	10:21	Tuesday	BROOKHURST ST - CHAPMAN AVE		395'	Direction: North	Daylight	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Auto R/W Violation			21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Making Left Turn	Male	Age: 50	2019 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2	Driver	South	Proceeding Straight	Male	Age: 22	2008 KIA		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
8974711		10/24/2019	17:47	Thursday	BROOKHURST ST - CHAPMAN AVE		410'	Direction: North	Dusk - Dawn	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation			21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Making Left Turn	Male	Age: 37	2009 NISSAN		Sport Utility Vehicle		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2	Driver	South	Proceeding Straight	Female	Age: 36	2017 LEXUS		Sport Utility Vehicle		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9015440		12/3/2019	16:45	Tuesday	BROOKHURST ST - CHAPMAN AVE		75'	Direction: North	Dusk - Dawn	Clear	Pty at Fault:1
	Broadside		Bicycle	Auto R/W Violation			21804A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	West	Entering Traffic	Male	Age: 45	2017 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2	Bicyclist	North	Proceeding Straight	Male	Age: 45	0 -		Bicycle		No Injury	
	Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated			
9045614		12/15/2019	17:08	Sunday	BROOKHURST ST - CHAPMAN AVE		425'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation			21801A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Left Turn	Male	Age: 24	2013 INFINITI		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2	Driver	South	Proceeding Straight	Male	Age: 30	2005 SUZUKI		Motorcycle		No Injury	
	Veh Type: Motorcycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Required	Not Stated			
9131807		7/3/2020	15:50	Friday	BROOKHURST ST - CHAPMAN AVE		397'	Direction: North	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation			21804A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making Left Turn	Female	Age: 47	2008 -		Mini Van		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
Party 2	Driver	South	Proceeding Straight	Female	Age: 24	2010 -		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9185909		11/4/2020	13:03	Wednesday	BROOKHURST ST - HUMMINGBIRD LN		88'	Direction: North	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning			22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 72	2007 -		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			

Segment Length: 0.49 miles (2,606')

Midblock Collisions: 11

Settings for Query:

Segment: BROOKHURST ST between CHAPMAN AVE and ORANGEWOOD AVE

Include Intersection Related at Limit 1 (CHAPMAN AVE): False

Include Intersection Related at Limit 2 (ORANGEWOOD AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Brookhurst Street

LIMITS: Orangewood Ave to Katella Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60	X		1
59	X X		2
58			0
57			0
56		X	1
55	X X	X	3
54	X X	X X X	5
53	X	X X	3
52	X X	X X X X X	7
51	X X X X X X	X X	8
50	X X	X X X X X	7
49	X X X X X	X X X	8
48	X X X	X X X X X X X	10
47	X X X X	X X X	7
46	X X X X X X X X X X X X	X X X X	15
45	X X X X X X	X X X X X X X X X X X	16
44	X X X X X X	X X X X X X X X X X X X X X	18
43	X X X X X X X X	X X X X X X	14
42	X X X X X X X	X X X	10
41	X X X X X	X X X X X X X X X	13
40	X X X X X X X X	X X X X X X X	15
39	X X X	X X X X	7
38	X X	X X X X	6
37	X X X X	X X X X X X	10
36	X X	X X	4
35	X	X	2
34	X X X X		4
33	X	X	2
32	X X		2
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
	GRAND TOTALS		200

DATE: 8/27/2021 TIME: 3:38 PM - 4:20 PM

STREET CLASIFICATION: Major Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization, parallel on-street parking
Bike lane

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Very Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 30,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 5 midblock collisions

ACCIDENT RATE: 0.45 acc/mvm EXPECTED RATE: 0.8 acc/mvm

85TH %: 50 M.P.H.

50TH %: 43 M.P.H.

15TH %: 38 M.P.H.

AVERAGE SPEED: 44 M.P.H.

10 MPH PACE: 40 - 49 M.P.H.

% IN PACE: 63%

% OVER PACE: 19%

% UNDER PACE: 19%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, Continuity of Speed, 40 mph in Anaheim

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 5

From 1/1/2019 to 12/31/2020

Total Collisions: 5

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

BROOKHURST ST from ORANGEWOOD AVE to KATELLA AVE

Page 1 of 2

8973067	9/22/2019	02:52	Sunday	BROOKHURST ST - JOYZELLE DR	118'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Female	Age: 28	2014 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
Party 2	Parked Vehicle	South	Parked	Not Sta	Age:	2009 VOLKSWAGEN	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		
Party 3	Parked Vehicle	South	Parked	Not Sta	Age:	2002 LEXUS	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		
Party 4	Parked Vehicle	South	Parked	Not Sta	Age:	2005 MERCEDES-BENZ	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		
9041706	1/7/2020	20:30	Tuesday	BROOKHURST ST - KATELLA AVE	387'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Making Left Turn	Female	Age: 19	2016 DODGE	Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Driver	South	Proceeding Straight	Male	Age: 30	2005 BMW	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
9167680	8/19/2020	01:20	Wednesday	BROOKHURST ST - KATELLA AVE	175'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Other Unsafe Turning	Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment	Not Kno	Assoc Factor: Not Stated	Not Stated	Not Stated		
9185910	11/6/2020	13:31	Friday	BROOKHURST ST - BROOKSIDE DR	285'	Direction: North	Daylight	Cloudy	Pty at Fault:1
	Hit Object		Fixed Object	Unknown	23103A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Other Unsafe Turning	Male	Age: 24	2011 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
9196297	11/14/2020	22:50	Saturday	BROOKHURST ST - KATELLA AVE	425'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Fixed Object	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Female	Age: 25	2018 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Impairment	Not Kno	Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		

Segment Length: 0.50 miles (2,661')

Midblock Collisions: 5

Settings for Query:

Segment: BROOKHURST ST between ORANGEWOOD AVE and KATELLA AVE

Include Intersection Related at Limit 1 (ORANGEWOOD AVE): False

Include Intersection Related at Limit 2 (KATELLA AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Dale Street

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55	X		1
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45			0
44	X		1
43			0
42			0
41			0
40		X X	2
39	X	X X X	4
38		X	1
37	X X X X		4
36	X X X X X X	X X X	9
35	X X X X	X X X X X	9
34	X X X	X X	5
33	X X X X X X X X X X	X X	12
32		X X X X X X	6
31	X X X X	X X X X	8
30	X X X X X	X X X X X X	11
29	X X X X	X X X	7
28	X X X X X X	X X X	9
27	X	X X X X	5
26			0
25		X	1
24		X X	2
23			0
22		X	1
21		X X	2
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/1/2021 TIME : 10:49 AM - 11:13 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, striped yellow centerline, parallel on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 9,700 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.84 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 35 M.P.H.

50TH %: 31 M.P.H.

15TH %: 27 M.P.H.

AVERAGE SPEED: 32 M.P.H.

10 MPH PACE: 27 - 36 M.P.H.

% IN PACE: 81%

% OVER PACE: 13%

% UNDER PACE: 6%

REGISTERED PROFESSIONAL ENGINEER

RUBEN PERALES

RP

No. 83169

CIVIL ENGINEER

STATE OF CALIFORNIA

TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

**Total Collisions: 4
Injury Collisions: 1
Fatal Collisions: 1**

Collision Summary Report

10/26/21

DALE ST from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 1

8910104	7/4/2019	22:42	Thursday	DALE ST - ACACIA AVE	200'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:
	Rear-End			Parked Motor Vehicle	Unknown	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	Not S	Slowing/Stopping	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type:	Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Parked Vehicle	South	Parked	Not Sta	Age: 2006 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type:	Passenger Car		Sobriety: Not Stated	Assoc Factor: Not Stated	Not Stated		Not Stated		
8910975	9/1/2019	05:59	Sunday	DALE ST - STANFORD AVE	144'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Unsafe Speed	22350	Hit & Run: Felony	Fatal	# Inj: 0	# Killed: 1
Party 1	Driver	North	Proceeding Straight	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type:	Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Pedestrian	North	Proceeding Straight	Male	Age: 89		Pedestrian	Fatal Injury	
Veh Type:	Pedestrian		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated		
9015371	11/26/2019	16:30	Tuesday	DALE ST - LAMPSON AVE	369'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Motor Vehicle on Othe	Improper Turning	22107	Hit & Run: No	Complaint of Pain	# Inj: 1 # Killed: 0
Party 1	Driver	North	Entering Traffic	Male	Age: 32	2016 FORD	Sport Utility Vehicle	No Injury	
Veh Type:	Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
Party 2	Driver	North	Proceeding Straight	Male	Age: 65	2006 TOYOTA	Mini Van	No Injury	
Veh Type:	Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		
9104182	3/8/2020	08:37	Sunday	DALE ST - GARDEN GROVE BLVD	57'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:
	Rear-End			Other Motor Vehicle	Other	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Backing	Male	Age: 47	2018 -	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type:	Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
Party 2	Driver	North	Stopped in Road	Male	Age: 23	2016 -	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type:	Passenger Car		Sobriety: HBD Not Under Influ	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		

Segment Length: 0.50 miles (2,631')

Settings for Query:

Segment: DALE ST between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Dale Street

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52		X	1
51	X X		2
50			0
49			0
48	X		1
47	X		1
46	X		1
45	X		1
44	X		1
43	X		1
42	X X	X	3
41	X	X	2
40	X X X X	X X X X	8
39	X X	X X X X X X	8
38	X X	X X X X X	7
37	X X X X X	X X X X	9
36	X	X X X X X X	7
35	X X	X X X	5
34	X X X X	X X X	7
33	X X X X X X	X X X	9
32	X X X X X X	X X X X	10
31	X X X	X X	5
30	X	X X	3
29	X	X X X	4
28	X	X	2
27	X	X	2
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/1/2021 TIME: 10:22 AM - 10:41 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, striped two-way left-turn medianr. parallel on-street parking

ADJACENT LAND USE: Residential, school, retail

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 10,700 vehicles SEGMENT LENGTH: 0.41 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.63 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 40 M.P.H.

50TH %: 35 M.P.H.

15TH %: 31 M.P.H.


AVERAGE SPEED: 36 M.P.H.

10 MPH PACE: 31 - 40 M.P.H.

% IN PACE: 75%

% OVER PACE: 14%

% UNDER PACE: 11%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, Continuity of Speed, Mid-Block Crosswalk, Multiple Driveways

Adjacent to School

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

DALE ST from LAMPSON AVE to CHAPMAN AVE

Page 1 of 1

8844539	3/29/2019	11:48	Friday	DALE ST - LAMPSON AVE	124'	Direction: North	Daylight	Clear	Pty at Fault:1
	Overtuned		non-collision	Wrong Side of Road	21460A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	East	Making Left Turn		Male	Age: 45	2000 TOYOTA	Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD				Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 2 Driver	North	Proceeding Straight		Male	Age: 18	2008 SUZUKI	Motorcycle		No Injury
Veh Type: Motorcycle		Sobriety: HNBD				Assoc Factor: Not Stated	Not Required	Not Stated	
9031214	1/5/2020	02:51	Sunday	DALE ST - AMY AVE	68'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Female	Age: 26	2015 NISSAN	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD				Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
9082854	3/18/2020	23:20	Wednesday	DALE ST - LAMPSON AVE	540'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Other Unsafe Turning		Female	Age: 41	2014 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HBD Under Influence				Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 2 Parked Vehicle	South	Parked		Not Sta	Age:	1999 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable				Assoc Factor: Not Stated	Not Stated	Not Stated	

Segment Length: 0.50 miles (2,645')

Settings for Query:

**Segment: DALE ST between LAMPSON AVE and CHAPMAN AVE
Include Intersection Related at Limit 1 (LAMPSON AVE): False
Include Intersection Related at Limit 2 (CHAPMAN AVE): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Dale Street

LIMITS: Chapman Ave to Orangewood Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45	X		1
44	X		1
43	X X X	X	4
42	X X X	X	4
41	X X	X	3
40	X X	X X	4
39	X X X X	X	5
38	X X	X X X X X	7
37	X	X X X X X	6
36	X X X X X X X	X X X	10
35	X X	X X X X X X	8
34	X	X X	3
33	X X X	X X X X X	8
32	X X X X	X X X X X X	10
31	X X X	X X X X X	8
30	X X	X X X X	6
29	X X	X	3
28	X X X	X X	5
27	X		1
26	X X X		3
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/1/2021 TIME: 9:51 AM - 10:11 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, two-way left-turn striped median/striped yellow centerline
On-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 8,700 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.31 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 39 M.P.H.

50TH %: 34 M.P.H.

15TH %: 29 M.P.H.

AVERAGE SPEED: 35 M.P.H.

10 MPH PACE: 30 - 39 M.P.H.

% IN PACE: 71%

% OVER PACE: 17%

% UNDER PACE: 12%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

DALE ST from CHAPMAN AVE to ORANGEWOOD AVE

Page 1 of 1

8912228	7/12/2019	16:30	Friday	DALE ST - HOPI RD	253'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 50	2016 KIA		Passenger Car, Station Wagon, Jeep	No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated	
Party 2	Parked Vehicle	North	Parked	Not Sta	Age:	1999 HONDA		Passenger Car, Station Wagon, Jeep	No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated		Not Stated	
Party 3	Parked Vehicle	North	Parked	Not Sta	Age:	2009 MAZDA		Passenger Car, Station Wagon, Jeep	No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated		Not Stated	
8950791	9/13/2019	13:50	Friday	DALE ST - CHAPMAN AVE	65'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe			Fixed Object	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	South	Making Right Turn	Male	Age: 46	2000 VOLVO		Three or More Axle Truck	No Injury
	Veh Type: Truck		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated	

Segment Length: 0.50 miles (2,642')

Settings for Query:

Segment: DALE ST between CHAPMAN AVE and ORANGEWOOD AVE

Include Intersection Related at Limit 1 (CHAPMAN AVE): False

Include Intersection Related at Limit 2 (ORANGEWOOD AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Dale Street

LIMITS: Orangewood Avenue to Katella Avenue

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51		X	1
50			0
49	X		1
48	X		1
47	X X		2
46	X X X X	X X X X X	9
45	X	X	2
44	X X X	X X X X	7
43	X X X X	X	5
42	X X X X X	X X X X X	10
41	X X X X X X	X X	8
40		X X	2
39	X X X X X X X	X X X	10
38	X X	X X X	5
37	X	X X X	4
36	X X X X X	X X	7
35	X X X X	X X X X	8
34	X X	X X X X X X	8
33		X X X X X	5
32	X	X	2
31			0
30		X	1
29			0
28			0
27		X	1
26	X		1
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/1/2021 TIME : 9:17 AM - 9:39 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, two-way left-turn striped median/striped yellow centerline
On-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 11,900 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 6 midblock collisions

ACCIDENT RATE: 1.37 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 44 M.P.H.

50TH %: 38 M.P.H.

15TH %: 33 M.P.H.

AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 67%

% OVER PACE: 23%

% UNDER PACE: 10%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): Y

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: 40 M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 6

From 1/1/2019 to 12/31/2020

Total Collisions: 6

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

DALE ST from ORANGEWOOD AVE to KATELLA AVE

Page 1 of 2

8861515	5/3/2019	21:34	Friday	DALE ST - KATELLA AVE	1003'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	22107	Improper Turning	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 2001	NISSAN	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2	Parked Vehicle	North	Parked	Not Sta	Age: 2012	NISSAN	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
8931593	7/12/2019	17:40	Friday	DALE ST - DAVMOR AVE	318'	Direction: North	Daylight	Clear	Pty at Fault:1
	Head-On			Other Motor Vehicle	23152A	Driving Under Influence	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 45	2001 DODGE	Pickups & Panels	No Injury	
	Veh Type: Pickup Truck		Sobriety: HBD Under Influence	Assoc Factor: Violation		Air Bag Not Deployed	Not Stated		
Party 2	Parked Vehicle	North	Parked	Not Sta	Age: 2002	CHEVROLET		No Injury	
	Veh Type: Not Stated		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
8965689	8/25/2019	21:17	Sunday	DALE ST - ORANGEWOOD AVE	729'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle	22107	Improper Turning	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	Not S	Making Right Turn	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2	Parked Vehicle	North	Parked	Not Sta	Age: 2001	TOYOTA	Pickups & Panels	No Injury	
	Veh Type: Pickup Truck		Sobriety: HNBD	Assoc Factor: Not Stated		Not Stated	Not Stated		
8974651	10/6/2019	08:00	Sunday	DALE ST - DAVMOR AVE	339'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	22350	Unsafe Speed	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	North	Proceeding Straight	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: HBD Impairment Un	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2	Parked Vehicle	North	Parked	Not Sta	Age: 1998	DODGE	Mini Van	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
9010153	11/22/2019	07:56	Friday	DALE ST - DAVMOR AVE	57'	Direction: North	Daylight	Clear	Pty at Fault:1
	Broadside			Other Motor Vehicle	21801A	Auto R/W Violation	Hit & Run: No	Complaint of Pain	# Inj: 1 # Killed: 0
Party 1	Driver	West	Making Left Turn	Female	Age: 47	2010 FORD	Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Driver	South	Proceeding Straight	Male	Age: 54	2013 HARLEY-DAVIDS	Motorcycle	Complaint of Pain	
	Veh Type: Motorcycle		Sobriety: HNBD	Assoc Factor: Not Stated		Not Required	Not Stated		
9143163	8/3/2020	09:15	Monday	DALE ST - DAVMOR AVE	818'	Direction: North	Daylight	Clear	Pty at Fault:1
	Head-On			Other Motor Vehicle	21804A	Auto R/W Violation	Hit & Run: No	Other Visible Injury	# Inj: 2 # Killed: 0

DALE ST from ORANGEWOOD AVE to KATELLA AVE

Party 1 Driver	West	Making Left Turn	Female	Age: 28	2003 -		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated	
Party 2 Driver	North	Proceeding Straight	Male	Age: 62	2003 -		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated	

Segment Length: 0.50 miles (2,663')

Settings for Query:

Segment: DALE ST between ORANGEWOOD AVE and KATELLA AVE

Include Intersection Related at Limit 1 (ORANGEWOOD AVE): False

Include Intersection Related at Limit 2 (KATELLA AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Euclid Street

LIMITS: Westminster Ave to Trask Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58	X		1
57			0
56			0
55			0
54			0
53			0
52	X	X	2
51	X X	X	3
50			0
49	X X	X X	4
48	X X	X X X X	7
47	X	X X X X	5
46		X X X	3
45	X	X X X X	5
44	X X X	X X X X X	8
43	X X X X X X	X X X X X X X X X X	17
42	X X X X X X X	X X X X X X X X X X X X	19
41	X X X X X X X X X X X	X X X X X X X X	19
40	X X X X X X X	X X X X X X X X	15
39	X X X X X X X X X X	X X X X X X	16
38	X X X X X X X X X	X X X X X	14
37	X X X X X X X X X	X X X X X X	15
36	X X X X X	X X X X X X	11
35	X X X X X X X X X X X X	X X	14
34	X X X X X X	X X X	9
33		X X	2
32		X	1
31	X	X X X	4
30		X	1
29	X X		2
28	X	X	2
27			0
26	X		1
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/2/2021 TIME: 8:58 AM - 9:41 AM

STREET CLASIFICATION: Major/Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 48,200 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.17 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 44 M.P.H.

50TH %: 39 M.P.H.

15TH %: 34 M.P.H.

AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 75%

% OVER PACE: 19%

% UNDER PACE: 7%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

**Total Collisions: 5
Injury Collisions: 0
Fatal Collisions: 1**

Collision Summary Report

10/26/21

EUCLID ST from WESTMINSTER AVE to TRASK AVE

Page 1 of 2

8815150	1/19/2019	23:28	Saturday	EUCLID ST - WESTMINSTER AVE	277'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 57	2008 NISSAN	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HBD	Under Influence	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
8815820	3/6/2019	02:45	Wednesday	EUCLID ST - WESTMINSTER AVE	86'	Direction: North	Dark - Street Ligh	Raining	Pty at Fault:1
	Head-On		Fixed Object	Unsafe Speed	22350	Hit & Run: Misd	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Other		Not Sta	Age:	0-	Unknown Hit and Run Vehicle Involvem		No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
8939404	5/4/2019	23:37	Saturday	EUCLID ST - WESTMINSTER AVE	100'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Fatal	# Inj: 1	# Killed: 1
Party 1 Driver	North	Traveling Wrong Way		Female	Age: 24	1998 LEXUS	Passenger Car, Station Wagon, Jeep		Fatal Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight		Female	Age: 58	2001 FORD	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
8942538	7/26/2019	08:14	Friday	EUCLID ST - CYNTHIA CIR	60'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 32	2003 CHEVROLET	Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	South	Stopped in Road		Male	Age: 29	2012 FORD	Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9104744	6/1/2020	10:49	Monday	EUCLID ST - WESTMINSTER AVE	231'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Passing Other Vehicle		Male	Age: 36	2002 -	Motorcycle		No Injury
Veh Type: Motorcycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Required	Not Stated		
Party 2 Driver	South	Stopped in Road		Male	Age: 70	2011 FORD	Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.50 miles (2,635')

Settings for Query:

Segment: EUCLID ST between WESTMINSTER AVE and TRASK AVE

Include Intersection Related at Limit 1 (WESTMINSTER AVE): False

Include Intersection Related at Limit 2 (TRASK AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Euclid Street

LIMITS: Trask Ave to Garden Grove Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57	X		1
56			0
55			0
54			0
53		X	1
52	X	X	2
51	X	X	2
50	X		1
49	X X	X X	4
48	X X X X X X X X	X	8
47	X	X X X	4
46		X X	2
45	X	X X X X	5
44	X X X X X X X X	X X	9
43	X X X X X X X X	X X X X X	12
42	X X X X X X X X X X	X X X X	13
41	X X X X X X X X	X	9
40	X X X X X X X X X X X X X X X X	X X X X	21
39	X X X X X X	X X X X X X	12
38	X X X X X X X	X X X X X	12
37	X X X X X X X X	X X X X X X X	15
36	X X X X X X X	X X X X X	12
35	X X X X X X	X X X X X X X X	14
34	X X X X	X X X X X X X X	12
33	X X X	X X X X X X X X X X X X	15
32	X X	X X X X X X X	9
31	X	X	2
30		X X X	3
29	X	X X	3
28	X	X X X	4
27			0
26		X	1
25			0
24			0
23		X	1
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			209

DATE: 9/2/2021 TIME : 9:59 AM - 10:40 AM

STREET CLASIFICATION: Major/Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization

ADJACENT LAND USE: Retail/commercial, office, residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 37,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 8 midblock collisions

ACCIDENT RATE: 0.58 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 44 M.P.H.

50TH %: 38 M.P.H.

15TH %: 32 M.P.H.

AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 65%

% OVER PACE: 24%

% UNDER PACE: 11%

REGISTERED PROFESSIONAL ENGINEER

RUBEN PERALES

RP

No. 83169

STATE OF CALIFORNIA

TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 8

From 1/1/2019 to 12/31/2020

Total Collisions: 14

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

EUCLID ST from TRASK AVE to GARDEN GROVE BLVD

Page 1 of 3

8810569	1/25/2019	12:25	Friday	EUCLID ST - GARDEN GROVE BLVD	82'	Direction: South	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 88	2015 MITSUBISHI		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Violation		Air Bag Deployed		Not Stated	
8815882	2/24/2019	13:05	Sunday	EUCLID ST - SHERMAN AVE (W)	130'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Female	Age: 44	2008 JEEP		Sport Utility Vehicle	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
Party 2 Driver	North	Stopped in Road		Male	Age: 82	2005 MERCEDES-BENZ		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
Party 3 Driver	North	Stopped in Road		Female	Age: 53	2014 SUBARU		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
Party 4 Driver	North	Stopped in Road		Female	Age: 39	2014 NISSAN		Sport Utility Vehicle	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
8824460	3/4/2019	10:17	Monday	EUCLID ST - GARDEN GROVE BLVD	65'	Direction: South	Daylight	Clear	Pty at Fault:
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Merging		Male	Age: 26	2004 GMC		Sport Utility Vehicle	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
Party 2 Driver	North	Proceeding Straight		Male	Age: 59	2013 HONDA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
8870557	5/17/2019	12:57	Friday	EUCLID ST - GARDEN GROVE BLVD	272'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside		Bicycle	Wrong Side of Road	21650	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Bicyclist	North	Proceeding Straight		Male	Age: 30	0 -		Bicycle	Complaint of Pain
Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated	
Party 2 Driver	East	Making Right Turn		Female	Age: 65	1997 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
8866690	5/24/2019	15:47	Friday	EUCLID ST - CENTURY BLVD	383'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Changing Lanes		Male	Age: 64	2005 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
Party 2 Driver	North	Proceeding Straight		Male	Age: 32	2017 FORD		Ambulance	No Injury
Veh Type: Emergency Vehicle		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	

EUCLID ST from TRASK AVE to GARDEN GROVE BLVD

8956932	7/31/2019	13:01	Wednesday	EUCLID ST - TRASK AVE	53'	Direction: North	Daylight	Clear	Pty at Fault:1
	Other		Bicycle	Wrong Side of Road	21650	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Bicyclist	East	Making Left Turn	Male	Age: 57	0-	Bicycle		No Injury
	Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated	Not Stated	Not Stated		
Party 2	Driver	North	Making Right Turn	Female	Age: 25	2007 HONDA	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
8957631	10/2/2019	08:21	Wednesday	EUCLID ST - CENTURY BLVD	80'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Motor Vehicle on Othe	Unsafe Lane Change	21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Changing Lanes	Female	Age: 31	2016 NISSAN	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Driver	South	Proceeding Straight	Male	Age: 54	2005 TOYOTA	Pickups & Panels		No Injury
	Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
9041718	1/8/2020	09:14	Wednesday	EUCLID ST - CENTURY BLVD	212'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Making Left Turn	Male	Age: 18	2005 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Driver	South	Proceeding Straight	Not Sta	Age:	1998 MERCURY	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated	Not Stated	Not Stated		
9041710	1/20/2020	14:12	Monday	EUCLID ST - TRASK AVE	481'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Female	Age: 24	2016 NISSAN	Sport Utility Vehicle		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Driver	North	Stopped in Road	Male	Age: 68	2019 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
9053501	1/22/2020	12:41	Wednesday	EUCLID ST - TRASK AVE	366'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Female	Age: 24	2010 HYUNDAI	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Driver	South	Stopped in Road	Female	Age: 23	2014 NISSAN	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 3	Driver	South	Stopped in Road	Male	Age: 62	2002 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
9062798	1/23/2020	18:31	Thursday	EUCLID ST - CENTURY BLVD	84'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Overtuned		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Other Unsafe Turning	Male	Age: 21	2005 CHRYSLER	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Violation	Air Bag Deployed	Not Stated		
Party 2	Driver	North	Stopped in Road	Female	Age: 29	2009 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
9083884	1/31/2020	06:21	Friday	EUCLID ST - CENTURY BLVD	307'	Direction: South	Dusk - Dawn	Clear	Pty at Fault:
	Hit Object		Fixed Object	Unknown		Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0

EUCLID ST from TRASK AVE to GARDEN GROVE BLVD

Party 1	Driver	North	Proceeding Straight	Not Sta	Age: 1998	TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated			
9149130	9/4/2020	18:15	Friday	EUCLID ST - CENTURY BLVD		153'	Direction: South	Daylight	Clear	Pty at Fault:1
Rear-End		Other Motor Vehicle		Unsafe Lane Change		21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Making Left Turn	Male	Age: 36	2019 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
Party 2	Driver	North	Proceeding Straight	Female	Age: 38	2011 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 3	Driver	South	Proceeding Straight	Female	Age: 38	2020 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 4	Driver	South	Not Stated	Male	Age: 43	2011 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9188844	10/29/2020	18:06	Thursday	EUCLID ST - GARDEN GROVE BLVD		75'	Direction: South	Dusk - Dawn	Clear	Pty at Fault:1
Sideswipe		non-collision		Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Making Left Turn	Female	Age: 45	2009 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2	Driver	North	Stopped in Road	Female	Age: 20	2019 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 3	Driver	North	Stopped in Road	Female	Age: 47	2018 AUDI	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			

Segment Length: 0.51 miles (2,675')

Settings for Query:

Segment: EUCLID ST between TRASK AVE and GARDEN GROVE BLVD

Include Intersection Related at Limit 1 (TRASK AVE): False

Include Intersection Related at Limit 2 (GARDEN GROVE BLVD): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Euclid Street

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50	X		1
49	X	X	2
48	X	X	2
47		X	1
46		X	1
45	X X	X X X X	7
44	X	X X X X X	7
43	X X	X X X X X X X	10
42	X X X X X	X X X X	11
41	X X X X X	X X X	10
40	X X X X X	X X X X X X X	14
39	X X X X X X X X	X X X X X X X	18
38	X X X X X X X X X	X X X X X X X	19
37	X X X X X X X X	X X X X X X X	18
36	X X X X X	X X X X X X	12
35	X X X X X X X X X	X	11
34	X X X X X X	X X X X X X X X	16
33	X X X X X X X X	X X X X X	15
32	X X X	X X X X X X	10
31	X	X X	3
30	X	X	2
29	X	X	2
28	X X X		3
27		X X	2
26	X	X	2
25	X		1
24	X		1
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			201

DATE: 9/2/2021 TIME: 11:03 PM - 12:17 PM

STREET CLASIFICATION: Major/Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization

ADJACENT LAND USE: Retail/commercial, office, residential, school, park, church

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 30,400 vehicles SEGMENT LENGTH: 0.56 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.08 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 42 M.P.H.

50TH %: 37 M.P.H.

15TH %: 32 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 72%

% OVER PACE: 15%

% UNDER PACE: 13%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 4

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

EUCLID ST from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 1

8830435	2/14/2019	00:02	Thursday	EUCLID ST - STANFORD AVE	65'	Direction: South	Dark - Street Ligh	Raining	Pty at Fault:1
	Head-On		Fixed Object	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 20	2018 HYUNDAI	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8979915	10/30/2019	08:50	Wednesday	EUCLID ST - GARDEN GROVE BLVD	63'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	South	Changing Lanes		Male	Age: 17	1997 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight		Female	Age: 33	2018 AUDI	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9031168	1/5/2020	20:30	Sunday	EUCLID ST - GARDEN GROVE BLVD	140'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 37	2019 NISSAN	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	North	Making Right Turn		Male	Age: 50	2011 MERCEDES-BENZ	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9218956	12/30/2020	03:54	Wednesday	EUCLID ST - LAMPSON AVE	394'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Ran Off Road		Male	Age: 48	2002 -	Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.55 miles (2,917')

Settings for Query:

Segment: EUCLID ST between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Euclid Street

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57		X	1
56			0
55		X	1
54	X		1
53		X	1
52	X X	X X	4
51	X		1
50	X X X	X X X	6
49	X X X X	X	5
48	X X X X X	X X	7
47	X X X X X X	X X X X X	11
46	X X X	X X X X X X X X X X	13
45	X X X X X X	X X X X X X X	13
44	X X X X X X X X	X X X X X X	14
43	X X X X X X X	X X X X X X	13
42	X X X X	X X X X X X	10
41	X X X X X	X	6
40	X X X X X X X X	X X X X X X X	15
39	X X X X X X X	X X X X X X X X X X X	19
38	X X X	X X X X X X X X X X	14
37	X X X X X	X X X X X	10
36	X X X X X X X	X X X	10
35	X X X X	X X	6
34	X	X X X	4
33	X X X	X	4
32	X	X X	3
31	X X X		3
30	X		1
29	X	X	2
28	X	X	2
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/2/2021 TIME: 12:40 PM - 1:19 PM

STREET CLASIFICATION: Major/Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization

ADJACENT LAND USE: Retail/commercial, medical office, residential, school

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 34,200 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.16 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 46 M.P.H.

50TH %: 41 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 38 - 47 M.P.H.

% IN PACE: 64%

% OVER PACE: 14%

% UNDER PACE: 23%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Multiple Driveways, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

EUCLID ST from LAMPSON AVE to CHAPMAN AVE

Page 1 of 1

8954757	9/4/2019	07:00	Wednesday	EUCLID ST - CHAPMAN AVE	236'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Changing Lanes	Not Sta	Age: 0	TOYOTA	Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2 Driver	North	Changing Lanes	Male	Age: 73	2004 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
8988571	11/17/2019	00:29	Sunday	EUCLID ST - CHAPMAN AVE	425'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Making U Turn	Male	Age: 45	2002 HONDA	Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9129189	6/14/2020	01:07	Sunday	EUCLID ST - CHAPMAN AVE	70'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Other Unsafe Turning	Not Sta	Age: 2005 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated			

Segment Length: 0.50 miles (2,628')

Settings for Query:

Segment: EUCLID ST between LAMPSON AVE and CHAPMAN AVE

Include Intersection Related at Limit 1 (LAMPSON AVE): False

Include Intersection Related at Limit 2 (CHAPMAN AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Euclid Avenue

LIMITS: Chapman Ave to Orangewood Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60	X		1
59			0
58			0
57			0
56		X	1
55	X	X	2
54			0
53		X	1
52		X	1
51			0
50	X X	X X X	5
49	X	X X	3
48	X	X X X X X	6
47	X X	X X X X	6
46	X X X X X X X X	X X X X X X X X	16
45	X X X X X X	X X X X	10
44	X X X X X X	X X X X X X X X	13
43	X X X X X X X X X	X X X X X X X	16
42	X X X X X	X X X X X X X	12
41	X X X X X X	X X X X X X X X X X X	17
40	X X X X X X X	X X X X X X X X X X X	18
39	X X X X X X X X X X	X X X X X X	15
38	X X X X X	X X X X X X X	12
37	X X X X X	X X X X X	10
36	X X X X X	X	6
35	X X X X X	X X	7
34	X	X	2
33	X X X X X X X X	X	8
32	X X X	X X	5
31	X X		2
30	X X	X	3
29			0
28	X	X	2
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/2/2021 TIME: 1:27 PM - 2:20 PM

STREET CLASIFICATION: Major/Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization, on-street parking

ADJACENT LAND USE: Retail/commercial, office, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 29,400 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 7 midblock collisions

ACCIDENT RATE: 0.65 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 45 M.P.H.

50TH %: 40 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 70%

% OVER PACE: 13%

% UNDER PACE: 18%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Continuity of Speed, Lane Drop, On-Street Parking

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 7

From 1/1/2019 to 12/31/2020

Total Collisions: 9

Injury Collisions: 6

Fatal Collisions: 0

Collision Summary Report

10/26/21

EUCLID ST from CHAPMAN AVE to ORANGEWOOD AVE

Page 1 of 2

8815142	1/6/2019	11:15	Sunday	EUCLID ST - WOODWARD LN	141'	Direction: West	Daylight	Clear	Pty at Fault:
	Rear-End		Other Motor Vehicle	Unknown		Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	Not S	Proceeding Straight	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury		
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated			
Party 2 Parked Vehicle	West	Parked	Not Sta	Age: 2013 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated	Not Stated		Not Stated			
8877051	5/9/2019	17:25	Thursday	EUCLID ST - ORANGEWOOD AVE	300'	Direction: South	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Pedestrian		Pedestrian Violation	21954A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Pedestrian	East	Other	Female	Age: 19	0-	Pedestrian	No Injury		
Veh Type: Pedestrian		Sobriety: HNBD	Assoc Factor: Not Stated	Not Stated		Not Stated			
Party 2 Driver	North	Proceeding Straight	Male	Age: 20	2011 FORD	Pickups & Panels	No Injury		
Veh Type: Pickup Truck		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
8863440	5/10/2019	11:01	Friday	EUCLID ST - CHAPMAN AVE	75'	Direction: North	Daylight	Raining	Pty at Fault:1
	Hit Object	Fixed Object		Improper Turning	22107	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	North	Making Left Turn	Female	Age: 45	2000 FORD	Sport Utility Vehicle	Complaint of Pain		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated			
8941414	7/26/2019	01:22	Friday	EUCLID ST - ORD WAY	92'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End	Other Motor Vehicle		Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Passing Other Vehicle	Male	Age: 62	1998 FORD	Mini Van	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Stop and Go Traffi	Air Bag Not Deployed		Not Stated			
Party 2 Driver	North	Stopped in Road	Female	Age: 45	2008 TOYOTA	Passenger Car, Station Wagon, Jeep	Complaint of Pain		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
Party 3 Driver	North	Stopped in Road	Male	Age: 37	2015 FORD	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
9010137	11/23/2019	16:39	Saturday	EUCLID ST - CHAPMAN AVE	162'	Direction: North	Daylight	Clear	Pty at Fault:2
	Other	Bicycle		Wrong Side of Road	216501	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Entering Traffic	Female	Age: 20	2014 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
Party 2 Bicyclist	South	Proceeding Straight	Female	Age: 31	0-	Bicycle	Complaint of Pain		
Veh Type: Bicycle		Sobriety: HNBD	Assoc Factor: Not Stated	Not Stated		Not Stated			
9015489	12/7/2019	22:06	Saturday	EUCLID ST - CINDY LN	272'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End	Parked Motor Vehicle		Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

EUCLID ST from CHAPMAN AVE to ORANGEWOOD AVE

Party 1	Driver	North	Other Unsafe Turning	Female	Age: 53	2014 FORD		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated			
Party 2	Parked Vehicle	North	Parked	Not Sta	Age:	2007 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 3	Parked Vehicle	North	Parked	Not Sta	Age:	2018 FORD		Pickups & Panels	No Injury		
Veh Type: Pickup Truck		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 4	Parked Vehicle	North	Merging	Not Sta	Age:	2008 FORD		Pickups & Panels	No Injury		
Veh Type: Pickup Truck		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 5	Parked Vehicle	North	Not Stated	Not Sta	Age:	2003 KIA		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Not Stated		Not Stated			
9041607	1/12/2020	13:51	Sunday	EUCLID ST - CHAPMAN AVE			77'	Direction: North	Daylight	Clear	Pty at Fault:1
Broadside		Other Motor Vehicle		Unsafe Lane Change		21658A	Hit & Run: No	Complaint of Pain		# Inj: 1	# Killed: 0
Party 1	Driver	South	Changing Lanes	Male	Age: 23	1996 TOYOTA		Sport Utility Vehicle	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
Party 2	Driver	South	Proceeding Straight	Male	Age: 32	2002 FORD		Sport Utility Vehicle	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
9105363	6/1/2020	23:06	Monday	EUCLID ST - ORD WAY			180'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
Hit Object		Fixed Object		Improper Turning		22107	Hit & Run: No	Property Damage Only		# Inj: 0	# Killed: 0
Party 1	Driver	South	Changing Lanes	Male	Age: 19	2006 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
9193320	10/11/2020	22:25	Sunday	EUCLID ST - BIXLER CIR			243'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
Rear-End		Parked Motor Vehicle		Unsafe Speed		22350	Hit & Run: Misde	Other Visible Injury		# Inj: 1	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Not Sta	Age:	1997 -		Passenger Car, Station Wagon, Jeep	Other Visible Injury		
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 2	Parked Vehicle	Not S	Parked	Not Sta	Age:	2012 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 3	Parked Vehicle	Not S	Parked	Not Sta	Age:	2013 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 4	Parked Vehicle	Not S	Parked	Not Sta	Age:	2002 FORD		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated			

Segment Length: 0.50 miles (2,624')

Settings for Query:

Segment: EUCLID ST between CHAPMAN AVE and ORANGEWOOD AVE

Include Intersection Related at Limit 1 (CHAPMAN AVE): False

Include Intersection Related at Limit 2 (ORANGEWOOD AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Euclid Street

LIMITS: Orangewood Ave to Katella Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58		X	1
57		X	1
56		X	1
55			0
54		X	1
53		X	1
52		X X	2
51	X X	X	3
50	X X	X X	4
49	X X	X	3
48	X X X	X X X	6
47	X		1
46	X	X X X X X X X X	9
45	X X X	X X X X X	8
44	X X X	X X X X X	8
43	X X X X X X X X X X	X X X X	14
42	X X X X X X X X X X	X X X X X X X X X X	18
41	X X X X X X X X X X X X	X X X X X X X X X	21
40	X X X X X X X X X X X	X X X X X	15
39	X X X X X X X X X X X	X X X X X X X X X	18
38	X X X	X X X X	7
37	X X X X X X X	X X X X X X	13
36	X X X X X X X	X X X X X X X	14
35	X X X X X	X X X X X X	11
34	X X X X X	X X X	8
33	X	X X X X X	6
32	X	X	2
31	X X	X	3
30		X	1
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/2/2021 TIME : 2:35 PM - 3:20PM

STREET CLASIFICATION: Major/Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization, on-street parking

ADJACENT LAND USE: Retail/commercial, office, residential, school

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 31,900 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 12 midblock collisions

ACCIDENT RATE: 1.03 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 45 M.P.H.

50TH %: 40 M.P.H.

15TH %: 35 M.P.H.

AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 70%

% OVER PACE: 21%

% UNDER PACE: 10%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: High Accident Rate, Continuity of Speed, 40 mph in Anaheim

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 12

From 1/1/2019 to 12/31/2020

Total Collisions: 13

Injury Collisions: 7

Fatal Collisions: 0

Collision Summary Report

10/26/21

EUCLID ST from ORANGEWOOD AVE to KATELLA AVE

Page 1 of 3

8781760	1/15/2019	12:19	Tuesday	EUCLID ST - KATELLA AVE	200'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Female Age: 28	2006 CHEVROLET		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	North	Stopped in Road		Male Age: 61	2019 SUBARU		Passenger Car, Station Wagon, Jeep	Complaint of Pain	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8819798	1/25/2019	07:31	Friday	EUCLID ST - PALMA VISTA AVE	85'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe			Other Motor Vehicle	21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Slowing/Stopping		Female Age: 28	2003 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight		Female Age: 33	2007 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8801400	2/3/2019	22:36	Sunday	EUCLID ST - PALMA VISTA AVE	58'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Other Unsafe Turning		Not Sta Age: 0-			Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Parked Vehicle	North	Parked		Not Sta Age: 2004	TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 3 Parked Vehicle	North	Parked		Not Sta Age: 1991	TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 4 Parked Vehicle	North	Parked		Not Sta Age: 2002	TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
8828506	3/20/2019	18:13	Wednesday	EUCLID ST - KATELLA AVE	326'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside			Other Motor Vehicle	21804A	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Female Age: 19	2007 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight		Male Age: 27	2005 SUBARU		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
8844657	4/10/2019	16:24	Wednesday	EUCLID ST - KATELLA AVE	196'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	22350	Hit & Run: Misde	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Not Sta Age: 0-			Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	North	Proceeding Straight		Male Age: 59	2003 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

EUCLID ST from ORANGEWOOD AVE to KATELLA AVE

Party 3 Driver	North	Proceeding Straight	Female	Age: 45	2004 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8856901	4/19/2019	08:32	Friday	EUCLID ST - ORANGEWOOD AVE	90'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe	Other Motor Vehicle	Unsafe Lane Change		21658A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Changing Lanes	Female	Age: 19	2004 CHEVROLET		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	North	Proceeding Straight	Female	Age: 51	2006 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8901431	7/6/2019	22:07	Saturday	EUCLID ST - ORANGEWOOD AVE	154'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End	Other Motor Vehicle	Driving Under Influence		23152A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Proceeding Straight	Male	Age: 64	2005 HARLEY-DAVIDS		Motorcycle	No Injury	
Veh Type: Motorcycle		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Not Required	Not Stated		
Party 2 Driver	South	Proceeding Straight	Male	Age: 72	2016 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8943647	8/7/2019	21:17	Wednesday	EUCLID ST - PALMA VISTA AVE	53'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object	Fixed Object	Unsafe Speed		22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight	Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
8979493	10/2/2019	09:00	Wednesday	EUCLID ST - ORANGEWOOD AVE	349'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe	Bicycle	Improper Turning		22107	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Bicyclist	South	Merging	Male	Age: 15	0 -		Bicycle	No Injury	
Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	South	Proceeding Straight	Female	Age: 47	2016 OTHER - BUS		Paratransit	No Injury	
Veh Type: Other Bus		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8974719	10/26/2019	17:31	Saturday	EUCLID ST - ORANGEWOOD AVE	950'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe	Other Motor Vehicle	Auto R/W Violation		21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Making Left Turn	Male	Age: 40	2014 FORD		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight	Female	Age: 38	2009 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9015497	12/7/2019	03:17	Saturday	EUCLID ST - KATELLA AVE	305'	Direction: South	Dark - Street Ligh	Raining	Pty at Fault:1
	Sideswipe	Other Motor Vehicle	Auto R/W Violation		21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Entering Traffic	Female	Age: 23	2009 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight	Female	Age: 52	2009 ACURA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
9062583	3/3/2020	22:59	Tuesday	EUCLID ST - ORANGEWOOD AVE	156'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End	Bicycle	Driving Under Influence		23153A	Hit & Run: Felony	Severe Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Proceeding Straight	Male	Age: 26	2003 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

EUCLID ST from ORANGEWOOD AVE to KATELLA AVE

Party 2	Bicyclist	South	Proceeding Straight	Male	Age: 58	0 -		Bicycle		No Injury
Veh Type:	Bicycle		Sobriety: Impairment Not Kno	Assoc Factor:	Not Stated		Not Stated	Not Stated		
9223442	12/7/2020	22:16	Monday	EUCLID ST - ORANGEWOOD AVE			545'	Direction: North	Dark - Street Ligh Clear	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed			22350	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	South	Proceeding Straight	Not Sta	Age:	2000 -		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type:	Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor:	Not Stated		Not Stated	Not Stated		

Segment Length: 0.51 miles (2,688')

Settings for Query:

Segment: EUCLID ST between ORANGEWOOD AVE and KATELLA AVE
Include Intersection Related at Limit 1 (ORANGEWOOD AVE): False
Include Intersection Related at Limit 2 (KATELLA AVE): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Gilbert Street

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45			0
44	X		1
43			0
42			0
41		X	1
40			0
39	X	X X X X X	6
38	X X X X X X	X X X	9
37	X X X X X	X X X X X	10
36	X X X X X X	X X X	9
35	X	X X X X	5
34	X X X X X X X X X X X X	X X	14
33	X X X X X	X X X X X X X X X X	14
32	X X	X X X X X	7
31	X X X	X	4
30	X X	X X X X X	7
29	X X X	X X X X X	8
28	X		1
27	X		1
26	X	X	2
25		X	1
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 8/30/2021 TIME: 10:02 AM - 10:21 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, striped double yellow centerline, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 9,100 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.30 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 37 M.P.H.

50TH %: 33 M.P.H.

15TH %: 29 M.P.H.


AVERAGE SPEED: 34 M.P.H.

10 MPH PACE: 29 - 38 M.P.H.

% IN PACE: 87%

% OVER PACE: 8%

% UNDER PACE: 5%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Narrow Road, No Curb & Gutter, Multiple Driveways, No Sidewalks

EXISTING SPEED LIMIT: 30 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

GILBERT ST from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 1

8815878	2/7/2019	18:49	Thursday	GILBERT ST - LAMPSON AVE			105'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning			22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Passing Other Vehicle	Male	Age: 36	2004 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2	Driver	North	Stopped in Road	Male	Age: 22	2012 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9109955	4/12/2020	21:58	Sunday	GILBERT ST - GARDEN GROVE BLVD			53'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning			22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Other Unsafe Turning	Male	Age: 28	1996 -				No Injury	
	Veh Type: Not Stated		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			

Segment Length: 0.50 miles (2,654')

Settings for Query:

Segment: GILBERT ST between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Gilbert Street

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48	X		1
47			0
46	X		1
45			0
44			0
43		X	1
42			0
41		X X X	3
40	X X	X X X	5
39	X X		2
38	X	X X X	4
37	X X X X X	X X X X	9
36	X X	X X X	5
35	X X X X X X X X	X X X X X	12
34	X X X X	X X X X X X	10
33	X X X X X X X X	X X	10
32	X X X X	X X X X	8
31	X X X X X	X X X X	9
30	X X X	X X X X X X	9
29	X	X X	3
28	X	X X X	4
27	X		1
26	X X		2
25			0
24		X	1
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 8/30/2021 TIME: 9:36 AM - 9:54 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, striped double yellow centerline, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 9,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 37 M.P.H.

50TH %: 33 M.P.H.

15TH %: 29 M.P.H.


AVERAGE SPEED: 34 M.P.H.

10 MPH PACE: 29 - 38 M.P.H.

% IN PACE: 79%

% OVER PACE: 13%

% UNDER PACE: 8%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Narrow Road, Multiple Driveways, No Sidewalks

EXISTING SPEED LIMIT: 30 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 0
Injury Collisions: 0
Fatal Collisions: 0

Collision Summary Report

10/26/21

GILBERT ST from LAMPSON AVE to CHAPMAN AVE

Page 1 of 1

Segment Length: 0.50 miles (2,656')

Settings for Query:

Segment: GILBERT ST between LAMPSON AVE and CHAPMAN AVE
Include Intersection Related at Limit 1 (LAMPSON AVE): False
Include Intersection Related at Limit 2 (CHAPMAN AVE): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Gilbert Street

LIMITS: Chapman Ave to Orangewood Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48	X		1
47	X	X X X	4
46		X	1
45		X X	2
44	X X	X X X	5
43	X X X	X X	5
42	X X X X X X	X X X X	10
41	X X X X X X X		7
40	X X X X X X X	X X	9
39	X X X X X X X	X X X X X X	13
38	X X X X X X X	X X X X X X	13
37	X X	X X X	5
36	X	X X X X X X	7
35	X X	X X X X	6
34	X X	X X	4
33	X	X X	3
32	X X		2
31	X		1
30	X		1
29			0
28	X		1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 3/30/2021; 11/10/2021 TIME : 9:01 AM - 9:29 AM; 9:59AM - 10:05 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, striped double yellow centerline, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 14,200 vehicles SEGMENT LENGTH: 0.48 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.60 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 42 M.P.H.

50TH %: 38 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 80%

% OVER PACE: 8%

% UNDER PACE: 12%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Multiple Driveways, On-Street Parking, Dip in Roadway, No Left Turn Channelization

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

Total Collisions: 3

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

GILBERT ST from CHAPMAN AVE to ORANGEWOOD AVE

Page 1 of 1

8790146	1/24/2019	19:23	Thursday	GILBERT ST - SKYLARK BLVD			130'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Broadside		Bicycle	Wrong Side of Road			21202A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Bicyclist	Not S	Other Unsafe Turning	Male	Age: 48	0 -		Bicycle			No Injury
	Veh Type: Bicycle		Sobriety: HBD	Not Under Influ			Assoc Factor: Not Stated	Not Stated	Not Stated		
Party 2	Driver	North	Proceeding Straight	Female	Age: 40	2018 HONDA		Passenger Car, Station Wagon, Jeep			No Injury
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
9015375	11/23/2019	22:49	Saturday	GILBERT ST - ROYAL PALM BLVD			174'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning			22107	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Male	Age: 19	2010 CHEVROLET		Passenger Car, Station Wagon, Jeep			No Injury
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 2	Driver	South	Proceeding Straight	Male	Age: 17	2009 AUDI		Passenger Car, Station Wagon, Jeep			No Injury
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
Party 3	Parked Vehicle	North	Parked	Not Sta	Age:	2005 HONDA		Passenger Car, Station Wagon, Jeep			No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
9129036	7/9/2020	16:17	Thursday	GILBERT ST - CHAPMAN AVE			750'	Direction: North	Daylight	Clear	Pty at Fault:
	Hit Object		Fixed Object	Unknown				Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Other	Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem			No Injury
	Veh Type: Not Stated		Sobriety: Impairment	Not Kno			Assoc Factor: Not Stated	Not Stated	Not Stated		

Segment Length: 0.50 miles (2,639')

Settings for Query:

Segment: GILBERT ST between CHAPMAN AVE and ORANGEWOOD AVE

Include Intersection Related at Limit 1 (CHAPMAN AVE): False

Include Intersection Related at Limit 2 (ORANGEWOOD AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Gilbert Street

LIMITS: Orangewood Ave to Katella Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54		X	1
53			0
52	X		1
51	X		1
50	X		1
49		X X	2
48	X	X	2
47		X X X X X	5
46	X X	X X	4
45	X X X	X X X	6
44		X X X X	4
43	X X X	X X X X X X	9
42	X X X	X X X X X	8
41	X	X X X X X	6
40	X X X	X X	5
39	X X X	X X X X X X	9
38	X X X X	X X X	7
37	X X X	X X X X X	8
36	X X X	X X X	6
35	X X		2
34	X	X X	3
33	X X	X	3
32	X	X	2
31	X X		2
30	X		1
29	X		1
28		X	1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
		GRAND TOTALS	100

DATE: 8/30/2021 TIME: 8:36 AM - 8:57 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, striped double yellow centerline, on-street parking

ADJACENT LAND USE: Residential, school

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 10,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.52 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 45 M.P.H.

50TH %: 40 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 36 - 45 M.P.H.

% IN PACE: 68%

% OVER PACE: 17%

% UNDER PACE: 15%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, No Left Turn Channelization

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): Y

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: 40 M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

Total Collisions: 4

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

GILBERT ST from ORANGEWOOD AVE to KATELLA AVE

Page 1 of 2

8822954	3/4/2019	18:59	Monday	GILBERT ST - MAUREEN DR		78'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Severe Injury		# Inj: 1 # Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 27	2018 HARLEY-DAVIDS		Motorcycle		No Injury
Veh Type: Motorcycle		Sobriety: HBD	Not Under Infl	Assoc Factor: Not Stated		Not Required		Not Stated		
Party 2 Parked Vehicle	South	Parked		Not Sta	Age:	2007 MAZDA		Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated		
8870723	5/11/2019	21:49	Saturday	GILBERT ST - KATELLA AVE		122'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Broadside			Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Property Damage Only		# Inj: 0 # Killed: 0
Party 1 Driver	South	Making Right Turn		Male	Age: 22	2016 HONDA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
Party 2 Driver	South	Proceeding Straight		Male	Age: 22	2005 MERCEDES-BENZ		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8870699	5/17/2019	15:06	Friday	GILBERT ST - KATELLA AVE		111'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside			Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: Misde	Property Damage Only		# Inj: 0 # Killed: 0
Party 1 Driver	North	Making Left Turn		Not Sta	Age:	1995 JEEP		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Impairment	Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	South	Proceeding Straight		Female	Age: 39	2015 HONDA		Mini Van		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
8991817	11/18/2019	18:02	Monday	GILBERT ST - KATELLA AVE		300'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Other Visible Injury		# Inj: 1 # Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 72	2006 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	South	Stopped in Road		Male	Age: 27	2014 INFINITI		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 3 Driver	South	Stopped in Road		Male	Age: 27	2015 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 4 Driver	South	Stopped in Road		Male	Age: 43	2017 TOYOTA		Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		

Segment Length: 0.50 miles (2,652')

Settings for Query:

Segment: GILBERT ST between ORANGEWOOD AVE and KATELLA AVE

Include Intersection Related at Limit 1 (ORANGEWOOD AVE): False

Include Intersection Related at Limit 2 (KATELLA AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Harbor Boulevard

LIMITS: Westminster Ave to Trask Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59	X		1
58			0
57		X	1
56		X X X	3
55			0
54			0
53		X	1
52			0
51	X X X	X	4
50			0
49	X X	X X	4
48	X X X	X X	5
47	X	X X	3
46	X	X	2
45	X	X X X X X X	7
44	X X X	X X X	6
43	X X X X X X X X	X X X	11
42	X X X X	X X X X	8
41	X X X X	X X X X X X	10
40	X X X X X X X X X X	X X X X X X	15
39	X X X X X X X X	X X X X X X X X	14
38	X X X X	X X X X X	9
37	X X X X X X X X X	X X X X X X X X X X	18
36	X X X X X	X X X X X X X X	13
35	X X X X X X X X X	X X X X X X X X X	17
34	X X X X X X X X X X X X	X X X X X X X X	20
33	X X X	X X X X X	8
32	X X X X X X	X X	8
31	X X	X X X X	6
30	X X	X	3
29	X X		2
28	X		1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/26/2021 TIME: 1:50 PM - 2:30 PM

STREET CLASSIFICATION: Principal/Major Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization

ADJACENT LAND USE: Retail/commercial.

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 48,700 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 14 midblock collisions

ACCIDENT RATE: 0.78 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 44 M.P.H.

50TH %: 37 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 68%

% OVER PACE: 19%

% UNDER PACE: 14%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 14

From 1/1/2019 to 12/31/2020

Total Collisions: 17

Injury Collisions: 4

Fatal Collisions: 0

Collision Summary Report

10/26/21

HARBOR BLVD from WESTMINSTER AVE to TRASK AVE

Page 1 of 4

8814097	1/30/2019	17:25	Wednesday	HARBOR BLVD - CARDINAL CIR			148'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:
	Rear-End		Other Motor Vehicle	Other Than Driver or Ped				Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Other	South	Other	Not Sta	Age:	2009 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated				
Party 2	Driver	North	Stopped in Road	Female	Age: 38	2007 FORD		Police Car		No Injury	
Veh Type: Emergency Vehicle		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
8824265	3/1/2019	18:02	Friday	HARBOR BLVD - WOODBURY RD			178'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: Misd	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Not Sta	Age:	0-		Unknown Hit and Run Vehicle Involvem		No Injury	
Veh Type: Not Stated		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated		Not Stated	Not Stated				
Party 2	Driver	South	Stopped in Road	Male	Age: 42	2017 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
Party 3	Driver	South	Stopped in Road	Female	Age: 40	2011 FORD		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
8834899	3/26/2019	08:06	Tuesday	HARBOR BLVD - TRASK AVE			257'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 21	1997 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
Party 2	Driver	North	Stopped in Road	Female	Age: 45	2007 LEXUS		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
8888980	6/10/2019	15:40	Monday	HARBOR BLVD - QUATRO AVE			145'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Male	Age: 71	2013 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
Party 2	Driver	South	Slowing/Stopping	Female	Age: 41	1999 HONDA		Passenger Car, Station Wagon, Jeep		Other Visible Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
Party 3	Driver	South	Stopped in Road	Female	Age: 47	2007 HONDA		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
8894615	6/24/2019	09:47	Monday	HARBOR BLVD - QUATRO AVE			320'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		non-collision	Auto R/W Violation			21804A	Hit & Run: Misd	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Entering Traffic	Female	Age: 19	2017 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
Party 2	Driver	North	Proceeding Straight	Male	Age: 45	2009 TOYOTA		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				

HARBOR BLVD from WESTMINSTER AVE to TRASK AVE

Party 3 Driver	North	Proceeding Straight	Male	Age: 34	2016 HONDA		Sport Utility Vehicle	No Injury			
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated				
8960061	8/8/2019	08:09	Thursday	HARBOR BLVD - CARDINAL CIR			249'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Other Hazardous Movement			22517	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Other	South	Stopped in Road	Not Sta	Age:	2017 FORD		Ambulance	No Injury			
Veh Type: Emergency Vehicle		Sobriety: HNBD			Assoc Factor: Not Stated	Not Stated	Not Stated				
Party 2 Driver	South	Proceeding Straight	Male	Age: 60	2011 SUZUKI		Motorcycle	No Injury			
Veh Type: Motorcycle		Sobriety: HNBD			Assoc Factor: Not Stated	Not Required	Not Stated				
Party 3 Driver	South	Stopped in Road	Male	Age: 27	2018 HONDA		Passenger Car, Station Wagon, Jeep	No Injury			
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated				
8961608	9/26/2019	09:35	Thursday	HARBOR BLVD - WESTMINSTER AVE			445'	Direction: North	Daylight	Cloudy	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation			21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Making Right Turn	Male	Age: 60	2002 NISSAN		Mini Van	No Injury			
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated				
Party 2 Driver	North	Proceeding Straight	Male	Age: 38	2002 HONDA		Mini Van	No Injury			
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated				
9031172	1/5/2020	16:10	Sunday	HARBOR BLVD - WOODBURY RD			165'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Driving Under Influence			23152G	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	South	Proceeding Straight	Male	Age: 43	2001 HONDA		Passenger Car, Station Wagon, Jeep	No Injury			
Veh Type: Passenger Car		Sobriety: HBD Under Influence			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated				
Party 2 Driver	South	Making Right Turn	Male	Age: 23	2016 HONDA		Passenger Car, Station Wagon, Jeep	No Injury			
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated				
9085492	1/29/2020	18:07	Wednesday	HARBOR BLVD - CARDINAL CIR			230'	Direction: South	Dusk - Dawn	Clear	Pty at Fault:1
	Head-On		Fixed Object	Unsafe Lane Change			21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight	Male	Age: 28	2019 JEEP		Passenger Car, Station Wagon, Jeep	No Injury			
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated				
9128863	6/7/2020	16:15	Sunday	HARBOR BLVD - WOODBURY RD			60'	Direction: North	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation			21804A	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	South	Entering Traffic	Male	Age: 67	1996 -		Passenger Car, Station Wagon, Jeep	Complaint of Pain			
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated				
Party 2 Driver	South	Proceeding Straight	Female	Age: 21	2007 -		Passenger Car, Station Wagon, Jeep	Complaint of Pain			
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated				
9166963	6/20/2020	05:37	Saturday	HARBOR BLVD - WOODBURY RD			128'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning			22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Ran Off Road	Not Sta	Age:	1996 FORD		Other Commercial	No Injury			
Veh Type: Other Bus		Sobriety: HBD Impairment Un			Assoc Factor: Not Stated	Not Stated	Not Stated				
Party 2 Parked Vehicle	Not S	Parked	Not Sta	Age:	2019 -		Passenger Car, Station Wagon, Jeep	No Injury			
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Not Stated	Not Stated				
9166971	9/11/2020	15:01	Friday	HARBOR BLVD - WOODBURY RD			163'	Direction: East	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning			22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

HARBOR BLVD from WESTMINSTER AVE to TRASK AVE

Party 1	Driver	South	Proceeding Straight	Male	Age: 31	2012 -		Pickups & Panels	No Injury		
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated			
9173167	9/25/2020	14:30	Friday	HARBOR BLVD - QUATRO AVE			265'	Direction: South	Daylight	Clear	Pty at Fault:1
Rear-End		Other Motor Vehicle		Unsafe Speed		22350	Hit & Run: No	Property Damage Only		# Inj: 0	# Killed: 0
Party 1	Driver	North	Slowing/Stopping	Male	Age: 21	2001 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
Party 2	Driver	North	Stopped in Road	Female	Age: 58	2007 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
Party 3	Driver	North	Stopped in Road	Female	Age: 33	2018 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
Party 4	Driver	North	Stopped in Road	Male	Age: 60	1995 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
9171612	10/18/2020	11:00	Sunday	HARBOR BLVD - QUATRO AVE			309'	Direction: South	Daylight	Clear	Pty at Fault:1
Broadside		Bicycle		Wrong Side of Road		21650	Hit & Run: No	Complaint of Pain		# Inj: 1	# Killed: 0
Party 1	Bicyclist	North	Proceeding Straight	Male	Age: 35	0 -		Bicycle	Complaint of Pain		
Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 2	Driver	East	Proceeding Straight	Male	Age: 47	2019 FORD		Two Axle Tank Truck	No Injury		
Veh Type: Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
9209198	10/24/2020	08:32	Saturday	HARBOR BLVD - WOODBURY RD			124'	Direction: North	Daylight	Cloudy	Pty at Fault:1
Sideswipe		Other Motor Vehicle		Unsafe Lane Change		21658A	Hit & Run: No	Property Damage Only		# Inj: 0	# Killed: 0
Party 1	Driver	North	Changing Lanes	Not Sta	Age:	2014 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 2	Driver	North	Changing Lanes	Female	Age: 24	2018 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
9196288	11/4/2020	14:25	Wednesday	HARBOR BLVD - CARDINAL CIR			185'	Direction: North	Daylight	Clear	Pty at Fault:1
Sideswipe		Other Motor Vehicle		Auto R/W Violation		21804A	Hit & Run: Misde	Property Damage Only		# Inj: 0	# Killed: 0
Party 1	Driver	South	Making Right Turn	Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem	No Injury		
Veh Type: Not Stated		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 2	Driver	South	Proceeding Straight	Female	Age: 58	2019 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
9191930	11/16/2020	07:00	Monday	HARBOR BLVD - CARDINAL CIR			135'	Direction: North	Daylight	Not Stated	Pty at Fault:1
Sideswipe		Other Motor Vehicle		Driving Under Influence		23152A	Hit & Run: No	Property Damage Only		# Inj: 0	# Killed: 0
Party 1	Driver	North	Passing Other Vehicle	Male	Age: 40	2007 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
Party 2	Driver	North	Proceeding Straight	Male	Age: 55	2014 FORD		Pickups & Panels	No Injury		
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			

Segment Length: 0.50 miles (2,639')

Settings for Query:

Segment: HARBOR BLVD between WESTMINSTER AVE and TRASK AVE

Include Intersection Related at Limit 1 (WESTMINSTER AVE): False

Include Intersection Related at Limit 2 (TRASK AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Harbor Boulevard

LIMITS: Trask Ave to Garden Grove Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55		X	1
54			0
53	X		1
52	X		1
51			0
50			0
49		X	1
48	X X	X X	4
47		X	1
46	X X		2
45			0
44		X X X	3
43	X X X X X	X X X	8
42	X X X X X	X X X X X	10
41	X X X	X X X X X X	9
40	X X X X X	X X X X X	10
39	X X X X X	X X X X X X X X X	14
38	X X X X X X	X X X X	10
37	X X X X X X X X X X X X	X X X X X X X	19
36	X X X X X X X X X X	X X X X X X	16
35	X X X X X X X X X X X X X X	X X X X X X X X X X X X	25
34	X X X X X X	X X X X X X X X X	15
33	X X X X X X X	X	8
32	X X X X X X	X X X X X X X	13
31	X X X	X X	5
30		X X X X X X X X X	8
29	X X	X X X	5
28	X X	X X X	5
27	X	X	2
26	X		1
25	X		1
24		X	1
23		X	1
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/26/2021 TIME: 12:35 PM- 1:25 PM

STREET CLASIFICATION: Principal/Major Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization

ADJACENT LAND USE: Retail/commercial.

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 37,200 vehicles SEGMENT LENGTH: 0.51 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 11 midblock collisions

ACCIDENT RATE: 0.80 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 41 M.P.H.

50TH %: 35 M.P.H.

15TH %: 31 M.P.H.

AVERAGE SPEED: 37 M.P.H.

10 MPH PACE: 32 - 41 M.P.H.

% IN PACE: 70%

% OVER PACE: 16%

% UNDER PACE: 15%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 11

From 1/1/2019 to 12/31/2020

Total Collisions: 13

Injury Collisions: 4

Fatal Collisions: 0

Collision Summary Report

10/26/21

HARBOR BLVD from TRASK AVE to GARDEN GROVE BLVD

Page 1 of 3

8824425	2/9/2019	12:22	Saturday	HARBOR BLVD - GARDEN GROVE BLVD		420'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	Not S	Proceeding Straight	Not Sta	Age: 0-			Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Violation		Not Stated		Not Stated		
Party 2	Driver	North	Proceeding Straight	Male	Age: 29	2014 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 3	Driver	South	Parked	Female	Age: 27	2017 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8801364	2/9/2019	14:41	Saturday	HARBOR BLVD - GARDEN GROVE BLVD		700'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	Unsafe Starting or Backing	22106	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Backing	Female	Age: 88	2007 FORD		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2	Driver	North	Stopped in Road	Female	Age: 28	2018 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8826233	3/4/2019	15:35	Monday	HARBOR BLVD - FLAGSTONE AVE		510'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Not Sta	Age: 0-			Pickups & Panels	No Injury	
	Veh Type: Pickup Truck		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2	Driver	South	Stopped in Road	Female	Age: 31	2008 MAZDA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8889159	5/25/2019	11:27	Saturday	HARBOR BLVD - GARDEN GROVE BLVD		426'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside			Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Making Left Turn	Not Sta	Age: 2001	NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2	Driver	North	Proceeding Straight	Male	Age: 35	2016 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8894611	6/23/2019	15:55	Sunday	HARBOR BLVD - GARDEN GROVE BLVD		150'	Direction: South	Daylight	Clear	Pty at Fault:1
	Hit Object			Fixed Object	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Changing Lanes	Not Sta	Age: 0-			Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2	Driver	North	Ran Off Road	Male	Age: 45	2008 HONDA		Mini Van	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		

HARBOR BLVD from TRASK AVE to GARDEN GROVE BLVD

8950795	8/22/2019	14:44	Thursday	HARBOR BLVD - BANNER DR			230'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Other Hazardous Movement			22109	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	South	Slowing/Stopping		Male	Age: 34	2014 BMW		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 2 Driver	South	Proceeding Straight		Male	Age: 32	2013 GMC		Pickups & Panels		No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
8993587	11/13/2019	18:44	Wednesday	HARBOR BLVD - BANNER DR			62'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change			21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Changing Lanes		Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem		No Injury	
Veh Type: Not Stated		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 2 Driver	North	Proceeding Straight		Female	Age: 35	2017 MERCEDES-BENZ		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
9045622	12/6/2019	17:08	Friday	HARBOR BLVD - GARDEN GROVE BLVD			280'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:2
	Vehicle - Pedestrian		Pedestrian	Pedestrian Violation			21954A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	South	Not Stated		Female	Age: 55	2015 FORD		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 2 Pedestrian	East	Not Stated		Female	Age: 48	0 -		Pedestrian		No Injury	
Veh Type: Pedestrian		Sobriety: HBD Not Under Infl		Assoc Factor: Not Stated			Not Stated	Not Stated			
9054133	2/7/2020	19:20	Friday	HARBOR BLVD - GARDEN GROVE BLVD			488'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Auto R/W Violation			21801A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	Not S	Making Left Turn		Female	Age: 50	2018 NISSAN		All Terrain Vehicle		No Injury	
Veh Type: Motorcycle		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
Party 2 Driver	South	Proceeding Straight		Male	Age: 68	2000 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
9062756	2/27/2020	23:29	Thursday	HARBOR BLVD - TRASK AVE			200'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Pedestrian Violation			21955	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Pedestrian	Not S	Entering Traffic		Male	Age: 30	0 -		Pedestrian		No Injury	
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 2 Driver	North	Proceeding Straight		Male	Age: 50	2016 JAGUAR		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
9143967	5/8/2020	12:44	Friday	HARBOR BLVD - BANNER DR			890'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change			21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Changing Lanes		Not Sta	Age:	2014 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 2 Driver	South	Proceeding Straight		Female	Age: 20	2013 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
9167733	7/4/2020	19:55	Saturday	HARBOR BLVD - TRASK AVE			60'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change			21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Changing Lanes		Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem		No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated			Not Stated	Not Stated			

HARBOR BLVD from TRASK AVE to GARDEN GROVE BLVD

Party 2 Driver	North	Proceeding Straight	Male	Age: 24	2020 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9171772	10/6/2020	20:47	Tuesday	HARBOR BLVD - FLAGSTONE AVE		526'	Direction: North	Dark - Street Ligh Clear	Pty at Fault:1
Sideswipe		Other Motor Vehicle	Unsafe Lane Change		21658A	Hit & Run: Misde	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Changing Lanes	Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem	No Injury		
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2 Driver	South	Proceeding Straight	Male	Age: 64	1965 FORD	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			

Segment Length: 0.51 miles (2,700')

Settings for Query:

Segment: HARBOR BLVD between TRASK AVE and GARDEN GROVE BLVD

Include Intersection Related at Limit 1 (TRASK AVE): False

Include Intersection Related at Limit 2 (GARDEN GROVE BLVD): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Harbor Boulevard

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57		X	1
56			0
55			0
54	X	X	2
53	X X		2
52	X X		2
51	X X	X	3
50	X X		2
49	X	X X X	4
48	X	X	2
47	X X	X X X	5
46	X X X X	X X	6
45	X X X	X	4
44	X X X X X	X X X X X X	11
43	X X X X X	X X X X X X	11
42	X X X X X X X X X	X X X X X X X X X X	19
41	X	X X X X	5
40	X X X X X X X X X X	X X X X	14
39	X X X X X X X X X X	X X X X X X X X X X X X	21
38	X X X X X	X X X X X	10
37	X X X X X X X X	X X X X X	13
36	X X	X X X X X X X X X	11
35	X X X X X X X X X X X X	X X X X X X	17
34	X X X X X X	X X X	9
33	X X	X X X X X	7
32	X X X X	X X	6
31	X	X X X X	5
30	X X	X X X	5
29		X	1
28		X	1
27		X	1
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/26/2021 TIME: 11:32 AM - 12:16 PM

STREET CLASIFICATION: Principal/Major Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 26,300 vehicles SEGMENT LENGTH: 0.66 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 7 midblock collisions

ACCIDENT RATE: 0.55 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 45 M.P.H.

50TH %: 38 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 66%

% OVER PACE: 17%

% UNDER PACE: 18%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Multiple Driveways, Horizontal Curvature, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 7

From 1/1/2019 to 12/31/2020

Total Collisions: 9

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

HARBOR BLVD from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 2

8801354	2/14/2019	07:55	Thursday	HARBOR BLVD - PALM ST			784'	Direction: South	Daylight	Raining	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation			21801A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Making Left Turn		Male	Age: 93	2000 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
Party 2 Driver	South	Proceeding Straight		Male	Age: 65	1994 TOYOTA		Pickups & Panels		No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
8823025	3/9/2019	16:00	Saturday	HARBOR BLVD - BUARO ST			470'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Auto R/W Violation			21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Entering Traffic		Male	Age: 65	2017 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
Party 2 Driver	North	Proceeding Straight		Female	Age: 26	2016 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Deployed		Not Stated		
Party 3 Driver	South	Proceeding Straight		Female	Age: 22	2011 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
8961679	9/15/2019	03:07	Sunday	HARBOR BLVD - BUARO ST			713'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Driving Under Influence			23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Changing Lanes		Male	Age: 23	2015 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Violation			Air Bag Deployed		Not Stated		
8961444	9/28/2019	03:32	Saturday	HARBOR BLVD - PALM ST			331'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Lane Change			21658A	Hit & Run: Misde	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	South	Changing Lanes		Not Sta	Age:	2012 NISSAN		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated			Air Bag Deployed		Not Stated		
9081576	2/27/2020	09:00	Thursday	HARBOR BLVD - PALM ST			1140'	Direction: South	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning			22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Making Right Turn		Female	Age: 29	2006 FORD		Two Axle Truck		No Injury	
Veh Type: Truck		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
9115752	5/20/2020	03:55	Wednesday	HARBOR BLVD - GREAT WOLF			115'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Fixed Object	Other Improper Driving				Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Female	Age: 47	2006 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Deployed		Not Stated		
9209190	10/27/2020	20:27	Tuesday	HARBOR BLVD - GARDEN GROVE BLVD			90'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change			21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0

HARBOR BLVD from GARDEN GROVE BLVD to LAMPSON AVE

Party 1 Driver	South	Passing Other Vehicle	Not Sta	Age: 1998 -					No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	South	Proceeding Straight	Male	Age: 37 2016 -			Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9191425	11/24/2020	14:02	Tuesday	HARBOR BLVD - PALM ST	660'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End	Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Slowing/Stopping	Male	Age: 53 2004 -			Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Violation		Air Bag Deployed		Not Stated		
Party 2 Driver	North	Proceeding Straight	Male	Age: 65 2008 -			Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9223039	12/17/2020	17:19	Thursday	HARBOR BLVD - GARDEN GROVE BLVD	60'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe	Other Motor Vehicle	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Changing Lanes	Female	Age: 58 2000 -			Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	North	Proceeding Straight	Male	Age: 49 2006 -			Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
Party 3 Driver	North	Stopped in Road	Male	Age: 32 2017 -			Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 4 Driver	North	Stopped in Road	Male	Age: 72 2011 -			Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 5 Driver	South	Proceeding Straight	Male	Age: 28 2014 -			Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		

Segment Length: 0.66 miles (3,465')

Settings for Query:

Segment: HARBOR BLVD between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Harbor Boulevard

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59	X		1
58			0
57			0
56		X	1
55		X	1
54		X X	2
53		X	1
52	X	X X	3
51	X X	X X	4
50	X	X X	3
49		X	1
48	X X X	X X X X	7
47	X X X	X X X	6
46	X		1
45		X X X X X X X	7
44	X X X	X X	5
43	X X X X	X X	6
42	X X X X X X X	X X X X X X X X X	17
41	X X X X X	X X X X X X X X	13
40	X X X X X X X X X X X X X X	X X X X X X X X	21
39	X X X X X X X X	X X X X X X X X X	17
38	X X X X X	X X X X X	10
37	X X X X X	X X X X X X X	12
36	X X X X X X	X X X X X X X X	14
35	X X	X X X X	6
34	X X X X X X	X X X X	10
33	X X X X X X X X	X X	10
32	X X X X X X X X	X X	10
31	X X X	X X	5
30		X	1
29	X		1
28	X	X	2
27	X X		2
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/26/2021 TIME: 10:14 AM - 11:08 AM

STREET CLASSIFICATION: Principal/Major Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization

ADJACENT LAND USE: Retail/commercial, residential, hotels

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 25,200 vehicles SEGMENT LENGTH: 0.49 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 0.44 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 46 M.P.H.

50TH %: 39 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 65%

% OVER PACE: 25%

% UNDER PACE: 11%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Continuity of Speed, HAWK pedestrian signal

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

**Total Collisions: 4
Injury Collisions: 3
Fatal Collisions: 0**

Collision Summary Report

10/26/21

HARBOR BLVD from LAMPSON AVE to CHAPMAN AVE

Page 1 of 2

9051838	1/11/2020	16:19	Saturday	HARBOR BLVD - LAMPSON AVE			175'	Direction: North	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed			22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 60	2011 FORD		Pickups & Panels		No Injury	
	Veh Type: Pickup Truck		Sobriety: HBD Under Influence	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
9054398	1/27/2020	12:44	Monday	HARBOR BLVD - CHAPMAN AVE			559'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 62	1998 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 2	Driver	North	Stopped in Road	Male	Age: 65	2017 NISSAN		Passenger Car, Station Wagon, Jeep		Complaint of Pain	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
9131951	7/9/2020	10:18	Thursday	HARBOR BLVD - CHAPMAN AVE			498'	Direction: South	Daylight	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Crossed Into Opposing Lane	Male	Age: 21	2008 -		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Violation			Air Bag Not Deployed	Not Stated			
Party 2	Driver	South	Stopped in Road	Female	Age: 65	2014 -		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
9148986	8/7/2020	20:29	Friday	HARBOR BLVD - CHAPMAN AVE			250'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Impeding Traffic			22400A	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1	Driver	North	Stopped in Road	Female	Age: 59	2019 -		Passenger Car, Station Wagon, Jeep		Complaint of Pain	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 2	Driver	North	Changing Lanes	Male	Age: 48	2020 -		Mini Van		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 3	Driver	North	Stopped in Road	Female	Age: 26	2020 -		Passenger Car, Station Wagon, Jeep		Complaint of Pain	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 4	Driver	North	Proceeding Straight	Male	Age: 26	2015 -		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Previous Collision			Air Bag Deployed	Not Stated			

Segment Length: 0.50 miles (2,638')

Settings for Query:

Segment: HARBOR BLVD between LAMPSON AVE and CHAPMAN AVE

Include Intersection Related at Limit 1 (LAMPSON AVE): False

Include Intersection Related at Limit 2 (CHAPMAN AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Harbor Boulevard

LIMITS: Chapman Ave to Wilken Way

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51		X	1
50			0
49	X		1
48	X	X X	3
47		X X X X	4
46	X X		2
45	X X	X X	4
44	X	X X	3
43	X X X	X X	5
42	X X X	X X	5
41	X X	X X X X X X	8
40	X	X X	3
39	X X X X X X X	X X X	10
38	X X X X	X X X X X X	10
37	X X X X X X X X X	X X X	12
36	X X	X X X X X	7
35	X X X X X X	X X X X X X	11
34	X X	X	3
33	X X X		3
32		X	1
31		X	1
30	X		1
29	X	X	2
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 8/26/2021 TIME: 9:33 AM - 10:03 AM

STREET CLASSIFICATION: Principal/Major Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left-turn channelization

ADJACENT LAND USE: Retail/commercial, residential, hotels

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 23,200 vehicles SEGMENT LENGTH: 0.29 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0.00 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 44 M.P.H.

50TH %: 38 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 74%

% OVER PACE: 15%

% UNDER PACE: 11%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: 40 mph in Anaheim

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): Y

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: 40 M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 0
Injury Collisions: 0
Fatal Collisions: 0

Collision Summary Report

10/26/21

HARBOR BLVD from CHAPMAN AVE to WILKEN WAY

Page 1 of 1

Segment Length: 0.28 miles (1,481')

Settings for Query:

Segment: HARBOR BLVD between CHAPMAN AVE and WILKEN WAY

Include Intersection Related at Limit 1 (CHAPMAN AVE): False

Include Intersection Related at Limit 2 (WILKEN WAY): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Haster Street

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57	X	X	2
56			0
55	X X		2
54			0
53			0
52			0
51	X	X	2
50	X X		2
49		X	1
48	X X		2
47	X X X X	X X	6
46	X X	X X X	5
45	X X X X X	X X X X	9
44	X X X X	X X	6
43	X X X X X X	X X	8
42	X X X X X X	X X X X	10
41	X X X X	X X	6
40	X X X	X X X X	7
39	X	X X X X X X X X	9
38	X	X X X X	5
37	X X	X X	4
36	X X	X X X X	6
35	X	X	2
34	X	X	2
33		X	1
32		X	1
31			0
30			0
29			0
28		X	1
27			0
26			0
25		X	1
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/13/2021 TIME: 10:15 AM - 10:32 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane/double yellow centerline, on-street parking

ADJACENT LAND USE: Residential, park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 18,900 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 6 midblock collisions

ACCIDENT RATE: 0.86 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 46 M.P.H.

50TH %: 41 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 38 - 47 M.P.H.

% IN PACE: 71%

% OVER PACE: 11%

% UNDER PACE: 18%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, Adjacent to Park, High Pedestrian Activity

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 6

From 1/1/2019 to 12/31/2020

**Total Collisions: 8
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

HASTER ST from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 2

8815093	2/3/2019	09:40	Sunday	HASTER ST - ASPENWOOD AVE	57'	Direction: North	Dark - Street Ligh	Cloudy	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	Not S	Other Unsafe Turning	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2	Parked Vehicle	North	Parked	Not Sta	Age: 2017 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
8889449	6/14/2019	11:29	Friday	HASTER ST - LAMPSON AVE	90'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0	
Party 1	Driver	North	Changing Lanes	Not Sta	Age: 2016 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Impairment Un	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2	Driver	North	Stopped in Road	Female	Age: 28 2018 HYUNDAI		Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8898227	6/23/2019	02:17	Sunday	HASTER ST - GARDEN GROVE BLVD	2356'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0	
Party 1	Driver	North	Proceeding Straight	Male	Age: 38 2003 TOYOTA		Pickups & Panels	No Injury	
	Veh Type: Pickup Truck		Sobriety: HBD Under Influence	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8993690	11/24/2019	15:44	Sunday	HASTER ST - GARDEN GROVE BLVD	70'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Other Visible Injury	# Inj: 4 # Killed: 0	
Party 1	Driver	South	Changing Lanes	Male	Age: 49 2005 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Driver	South	Proceeding Straight	Male	Age: 46 2016 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9033238	11/27/2019	21:08	Wednesday	HASTER ST - GARDEN GROVE BLVD	476'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0	
Party 1	Driver	South	Changing Lanes	Female	Age: 17 2018 ALFA GOLD		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Driver	South	Proceeding Straight	Female	Age: 24 2004 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Violation		Air Bag Not Deployed	Not Stated		
9107942	6/10/2020	21:28	Wednesday	HASTER ST - LAMPSON AVE	350'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Other Improper Driving		Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0	
Party 1	Driver	South	Making Right Turn	Male	Age: 43 2019 FORD		Police Car	No Injury	
	Veh Type: Emergency Vehicle		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

HASTER ST from GARDEN GROVE BLVD to LAMPSON AVE

Party 2	Parked Vehicle	South	Parked	Not Sta	Age: 2008 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
9173168	9/29/2020	22:52	Tuesday	HASTER ST - ASPENWOOD LN		207'	Direction: North	Dark - Street Ligh Clear	Pty at Fault:1
Sideswipe		Parked Motor Vehicle		Unsafe Speed		22350	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 52 2000 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2	Parked Vehicle	North	Parked	Not Sta	Age: 2015 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 3	Parked Vehicle	North	Parked	Not Sta	Age: 2016 FORD	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 4	Parked Vehicle	North	Not Stated	Not Sta	Age: 2018 HONDA	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 5	Parked Vehicle	North	Not Stated	Not Sta	Age: 2018 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 6	Parked Vehicle	North	Not Stated	Not Sta	Age: 2013 JEEP	Sport Utility Vehicle	No Injury		
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 7	Parked Vehicle	North	Not Stated	Not Sta	Age: 2013 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Not Stated	Not Stated		
9185620	10/31/2020	02:57	Saturday	HASTER ST - ASPENWOOD LN		155'	Direction: South	Dark - Street Ligh Fog	Pty at Fault:1
Rear-End		Parked Motor Vehicle		Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	South	Other Unsafe Turning	Female	Age: 41 2020 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2	Parked Vehicle	South	Parked	Not Sta	Age: 2002 -	Pickups & Panels	No Injury		
Veh Type: Pickup Truck		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		

Segment Length: 0.49 miles (2,609')

Settings for Query:

Segment: HASTER ST between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Haster Street

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50	X		1
49		X	1
48	X X		2
47	X	X	2
46		X X	2
45	X X	X X X	5
44	X X X	X	4
43	X X	X	3
42	X X	X	3
41	X X	X X	4
40	X X X X X X X X	X X X X X	13
39	X X	X X X X X	7
38	X X X X X X X	X X	9
37	X X X X X	X X X X X X	11
36	X X	X X X	5
35	X X X X	X X X X X	9
34	X	X X X X	5
33		X X	2
32	X X X X		4
31	X	X X X X	5
30			0
29	X	X	2
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			99

DATE: 9/13/2021 TIME: 10:42 AM - 11:03 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane/double yellow centerline, on-street parking

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 18,800 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 5 midblock collisions

ACCIDENT RATE: 0.72 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 43 M.P.H.

50TH %: 37 M.P.H.

15TH %: 33 M.P.H.

AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 31 - 40 M.P.H.

% IN PACE: 71%

% OVER PACE: 27%

% UNDER PACE: 2%

REGISTERED PROFESSIONAL ENGINEER

RUBEN PERALES

RP

No. 83169

CIVIL
STATE OF CALIFORNIA

TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 5

From 1/1/2019 to 12/31/2020

Total Collisions: 7

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

HASTER ST from LAMPSON AVE to CHAPMAN AVE

Page 1 of 2

8801380	2/10/2019	16:18	Sunday	HASTER ST - TWINTREE LN	200'	Direction: South	Daylight	Cloudy	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Making U Turn		Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	North	Proceeding Straight		Male	Age: 24	2005 JEEP	Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8851663	4/5/2019	15:29	Friday	HASTER ST - TWINTREE LN	109'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	East	Making Left Turn		Male	Age: 58	2018 CHEVROLET	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	North	Proceeding Straight		Female	Age: 40	2006 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
8851833	4/9/2019	04:50	Tuesday	HASTER ST - BLUE SPRUCE AVE	1442'	Direction: North	Dusk - Dawn	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Female	Age: 42	2004 CHEVROLET	Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Parked Vehicle	South	Parked		Not Sta	Age:	2004 MERCEDES-BENZ	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 3 Parked Vehicle	South	Parked		Not Sta	Age:	2002 CHEVROLET	Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 4 Parked Vehicle	South	Parked		Not Sta	Age:	2007 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 5 Parked Vehicle	South	Parked		Not Sta	Age:	2006 FORD	Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 6 Parked Vehicle	South	Parked		Not Sta	Age:	2005 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 7 Parked Vehicle	South	Parked		Not Sta	Age:	2003 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
8861519	5/4/2019	15:34	Saturday	HASTER ST - ALLARD AVE	223'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 38	2005 CHEVROLET	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Parked Vehicle	North	Parked		Not Sta	Age:	2014 MITSUBISHI	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		

HASTER ST from LAMPSON AVE to CHAPMAN AVE

Party 3	Parked Vehicle	North	Parked	Not Sta	Age:	2007 CHRYSLER	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 4	Parked Vehicle	North	Parked	Not Sta	Age:	1999 FORD	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 5	Parked Vehicle	North	Parked	Not Sta	Age:	2002 HONDA	Mini Van	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated			
8950182	9/3/2019	16:20	Tuesday	HASTER ST - ALLARD AVE		318'	Direction: South	Daylight	Clear	Pty at Fault:1
Sideswipe		Parked Motor Vehicle		Improper Turning		22107	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 55	1995 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HBD Not Under Infl		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
Party 2	Parked Vehicle	Not S	Parked	Not Sta	Age:	2008 BMW	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 3	Parked Vehicle	Not S	Parked	Not Sta	Age:	1996 HONDA	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 4	Parked Vehicle	Not S	Not Stated	Not Sta	Age:	2001 HONDA	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Not Stated	Not Stated			
9166848	9/14/2020	00:43	Monday	HASTER ST - ALLARD AVE		317'	Direction: North	Dark - No Street	Clear	Pty at Fault:1
Head-On		Parked Motor Vehicle		Unsafe Speed		22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Male	Age: 20	2004 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
Party 2	Parked Vehicle	North	Parked	Not Sta	Age:	2014 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 3	Parked Vehicle	East	Parked	Not Sta	Age:	2020 FORD	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated			
9196303	11/23/2020	13:54	Monday	HASTER ST - TWINTREE LN		53'	Direction: South	Daylight	Clear	Pty at Fault:1
Sideswipe		Parked Motor Vehicle		Improper Turning		22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Other Unsafe Turning	Not Sta	Age:	2016 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2	Parked Vehicle	North	Parked	Not Sta	Age:	2019 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated			

Segment Length: 0.50 miles (2,643')

Settings for Query:

Segment: HASTER ST between LAMPSON AVE and CHAPMAN AVE

Include Intersection Related at Limit 1 (LAMPSON AVE): False

Include Intersection Related at Limit 2 (CHAPMAN AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Haster Street

LIMITS: Chapman Ave to Simmons Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51	X	X	2
50	X	X X	3
49	X		1
48	X X	X X	4
47	X X		2
46	X X	X X	4
45	X	X	2
44	X X	X X X X X X X	9
43	X	X	2
42	X X X X X X	X X X X X X	12
41	X X X	X X X X X X	9
40	X X X	X X X X	7
39	X X X	X X X X	7
38	X X X X X	X X X X	9
37	X X X X	X X X X	8
36	X X X X X	X X X	8
35	X X X		3
34	X X	X	3
33		X	1
32		X	1
31	X		1
30	X		1
29			0
28			0
27	X		1
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/13/2021 TIME: 11:10 AM - 11:28 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane/double yellow centerline, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 17,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.31 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 45 M.P.H.

50TH %: 40 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 74%

% OVER PACE: 18%

% UNDER PACE: 8%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, Continuity of Speed, 40 mph in Anaheim

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

Total Collisions: 4

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

HASTER ST from CHAPMAN AVE to SIMMONS AVE (N)

Page 1 of 2

8801358	2/2/2019	00:08	Saturday	HASTER ST - CHAPMAN AVE			145'	Direction: North	Dark - Street Ligh	Raining	Pty at Fault:1
	Head-On		Motor Vehicle on Othe	Driving Under Influence			23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Female	Age: 47	2015 FORD		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car			Sobriety: HBD Under Influence	Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
Party 2	Driver	North	Proceeding Straight	Male	Age: 29	2008 CHEVROLET		Two-Axle Tow Truck		No Injury	
Veh Type: Truck			Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 3	Driver	North	Proceeding Straight	Female	Age: 47	2009 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
Party 4	Parked Vehicle	North	Not Stated	Not Sta	Age:	2006 NISSAN		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car			Sobriety: Not Stated	Assoc Factor: Not Stated			Not Stated	Not Stated			
8889008	6/13/2019	18:54	Thursday	HASTER ST - CHAPMAN AVE			312'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Male	Age: 46	2009 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Inattention			Air Bag Not Deployed	Not Stated			
Party 2	Driver	South	Stopped in Road	Female	Age: 22	2014 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 3	Driver	South	Stopped in Road	Female	Age: 22	2016 NISSAN		Passenger Car, Station Wagon, Jeep		Complaint of Pain	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 4	Driver	South	Stopped in Road	Female	Age: 39	2015 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
8957222	9/12/2019	05:15	Thursday	HASTER ST - ASCOT DR			75'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:
	Rear-End		Parked Motor Vehicle	Unknown				Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem		No Injury	
Veh Type: Not Stated			Sobriety: Impairment Not Kno	Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 2	Parked Vehicle	South	Parked	Not Sta	Age:	2005 KIA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car			Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 3	Parked Vehicle	South	Parked	Not Sta	Age:	2018 NISSAN		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car			Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
9228407	12/24/2020	11:44	Thursday	HASTER ST - CHAPMAN AVE			140'	Direction: North	Daylight	Cloudy	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation			21804A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Entering Traffic	Male	Age: 24	2007 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
Party 2	Driver	South	Proceeding Straight	Male	Age: 75	2017 -		Sport Utility Vehicle		Complaint of Pain	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			

Segment Length: 0.26 miles (1,390')

Settings for Query:

Segment: HASTER ST between CHAPMAN AVE and SIMMONS AVE (N)

Include Intersection Related at Limit 1 (CHAPMAN AVE): False

Include Intersection Related at Limit 2 (SIMMONS AVE (N)): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Knott Street

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53		X	1
52			0
51	X		1
50	X X X	X X	5
49		X X	2
48	X	X	2
47	X X X X X	X X X	8
46	X X X	X X X X	7
45		X X X X	4
44	X X	X	3
43	X X X X X	X X X X X	10
42	X X X	X X X	6
41	X X X X X	X X X	8
40	X X X X X	X X	7
39	X X X	X X X X	7
38	X X	X X X X	6
37	X X X X X	X X X X	9
36	X X X	X	4
35		X X X	3
34	X	X	2
33	X X X	X	4
32			0
31			0
30		X	1
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/16/2021 TIME: 9:33 AM - 9:55 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two/three lanes each direction, left-turn channelization, raised median/two-way left-turn lane

ADJACENT LAND USE: Residential, office park/industrial

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 33,000 vehicles SEGMENT LENGTH: 0.59 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.14 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 46 M.P.H.

50TH %: 41 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 67%

% OVER PACE: 19%

% UNDER PACE: 14%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Horizontal Curvature, Trap Lane SB approaching Garden Grove Blvd, Continuity of Speed
40 mph in Cypress

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

KNOTT ST from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 1

8861705	4/22/2019	18:00	Monday	KNOTT ST - DANVERS DR	77'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	West	Entering Traffic		Male	Age: 30	2013 FORD		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD				Assoc Factor: Not Stated	Air Bag Deployed	Not Stated	
Party 2 Driver	North	Proceeding Straight		Male	Age: 48	2011 HYUNDAI		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD				Assoc Factor: Not Stated	Air Bag Deployed	Not Stated	
9115751	5/28/2020	18:50	Thursday	KNOTT ST - LAMPSON AVE	700'	Direction: South	Daylight	Clear	Pty at Fault:
	Sideswipe		Other Motor Vehicle	Unknown		Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Female	Age: 22	2016 -		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD				Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 2 Driver	North	Proceeding Straight		Female	Age: 44	2009 -		Sport Utility Vehicle	No Injury
Veh Type: Passenger Car		Sobriety: HNBD				Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	

Segment Length: 0.58 miles (3,086')

Settings for Query:

Segment: KNOTT ST between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Knott Street

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55	X X	X	3
54			0
53			0
52		X	1
51			0
50	X	X	2
49	X X X	X	4
48	X X	X	3
47	X X X X	X	5
46	X X X	X X X X X	8
45	X X X X X	X X X X X	10
44	X X X X	X X X X X X X X	12
43	X X X X	X X X X X	9
42	X X	X X X X X	7
41	X X X X	X X	6
40	X X X X X	X X X	8
39	X	X X X X	5
38	X	X X X	4
37	X X		2
36			0
35	X	X X X	4
34	X X X X	X	5
33	X		1
32	X		1
31	X		1
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			101

DATE: 9/16/2021 TIME: 9:16 AM - 9:26 AM

STREET CLASSIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, left-turn channelization, two-way left-turn lane

ADJACENT LAND USE: Residential, office park/industrial, school

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 29,900 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.09 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 46 M.P.H.

50TH %: 42 M.P.H.

15TH %: 37 M.P.H.


AVERAGE SPEED: 43 M.P.H.

10 MPH PACE: 38 - 47 M.P.H.

% IN PACE: 73%

% OVER PACE: 13%

% UNDER PACE: 14%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Adjacent to High School, Industrial area with heavy truck traffic, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1
Injury Collisions: 0
Fatal Collisions: 0

Collision Summary Report

10/26/21

KNOTT ST from LAMPSON AVE to CHAPMAN AVE

Page 1 of 1

9033888	1/27/2020	10:46	Monday	KNOTT ST - CHAPMAN AVE	599'	Direction: South	Daylight	Clear	Pty at Fault:1
	Hit Object		Other Object	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Making Right Turn		Male	Age: 59	2011 VOLVO			No Injury
Veh Type: Not Stated		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.50 miles (2,653')

Settings for Query:

Segment: KNOTT ST between LAMPSON AVE and CHAPMAN AVE
Include Intersection Related at Limit 1 (LAMPSON AVE): False
Include Intersection Related at Limit 2 (CHAPMAN AVE): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Knott Street

LIMITS: Chapman Ave to Orangewood Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57	X		1
56			0
55	X	X	2
54	X		1
53			0
52		X	1
51	X X		2
50	X	X	2
49	X	X X X	4
48	X	X	2
47	X X X	X	4
46	X X	X X X	5
45	X X X	X X X X	7
44	X X X X X X X	X X X	9
43	X X X X	X X X X	8
42	X X X	X X X X X	8
41	X X X	X X X	6
40	X X X	X X X	6
39	X X X X	X X	6
38	X X	X	3
37	X	X X	3
36	X X	X X X X X	7
35	X X X X X	X X X X	9
34			0
33			0
32	X	X	2
31		X	1
30			0
29		X	1
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/16/2021 TIME: 8:50 AM - 9:09 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, left-turn channelization, two-way left-turn lane

ADJACENT LAND USE: Residential, office park/industrial, school

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 28,300 vehicles SEGMENT LENGTH: 0.51 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.10 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 47 M.P.H.

50TH %: 41 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 65%

% OVER PACE: 31%

% UNDER PACE: 4%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Adjacent to School, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

11/19/21

KNOTT AVE from ORANGEWOOD AVE to GARDEN GROVE BLVD

Page 1 of 1

9053505	1/28/2020	12:05	Tuesday	KNOTT AVE - ORANGEWOOD AVE	150'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

Party 1 Driver	West	Entering Traffic	Male	Age: 28	2011 HONDA	Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 2 Driver	North	Proceeding Straight	Female	Age: 58	2006 SCION	Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	

Segment Length: 0.25 miles (1,328')

Settings for Query:

Segment: KNOTT AVE between ORANGEWOOD AVE and GARDEN GROVE BLVD

Include Intersection Related at Limit 1 (ORANGEWOOD AVE): False

Include Intersection Related at Limit 2 (GARDEN GROVE BLVD): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Knott Street

LIMITS: Orangewood Ave to Patterson Dr

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54		X	1
53			0
52			0
51	X		1
50		X X	2
49	X	X	2
48	X X X X X	X	6
47			0
46	X X X X		4
45	X	X X X X	5
44		X X	2
43	X X X X X X X X X	X X X X	13
42	X X X X X	X X	7
41	X	X X X X X	6
40	X X X X X	X	6
39	X X X X	X X X X X	9
38	X X X X X	X X X X X X X X X X	15
37	X X	X X X X	6
36	X	X X X	4
35	X	X X	3
34			0
33	X X X		3
32			0
31	X	X X	3
30		X	1
29	X		1
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/16/2021 TIME: 8:31 AM - 8:46 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, left-turn channelization, two-way left-turn lane

ADJACENT LAND USE: Residential, office park

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 28,900 vehicles SEGMENT LENGTH: 0.19 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.25 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 45 M.P.H.

50TH %: 40 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 73%

% OVER PACE: 12%

% UNDER PACE: 15%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Continuity of Speed, On-Street Parking, 40 mph in Anaheim

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

10/26/21

KNOTT AVE from ORANGEWOOD AVE to PATTERSON DR

Page 1 of 1

9031497	12/27/2019	17:35	Friday	KNOTT AVE - ORANGEWOOD AVE		452'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 25	2007 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		
Party 2	Driver	North	Stopped in Road	Female	Age: 56	2013 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		
Party 3	Driver	North	Stopped in Road	Male	Age: 64	2003 HUMMER		Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		

Segment Length: 0.19 miles (990')

Settings for Query:

Segment: KNOTT AVE between ORANGEWOOD AVE and PATTERSON DR

Include Intersection Related at Limit 1 (ORANGEWOOD AVE): False

Include Intersection Related at Limit 2 (PATTERSON DR): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Magnolia Street

LIMITS: Westminster Ave to Trask Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53	X		1
52			0
51			0
50	X		1
49	X X X	X X	5
48	X X	X X	4
47	X X	X X	4
46	X X X X	X	5
45	X X X X X X		6
44	X	X	2
43	X X X	X X X X X X	9
42	X X X	X X X X X X X	10
41	X X X X	X X	6
40	X X X X	X X X X X X X X X X X	15
39	X X X X X X X X	X X X X X X X X X X	17
38	X X X X X X X X X X	X X X X X X	15
37	X X X X X X X X X X	X X X X X X X X	17
36	X X X X X X X X X X	X X X X X X X X X X X	20
35	X X X X X X X X X X	X X X X X X X X X X X X	21
34	X X X X X	X X X X X	10
33	X X	X X X X X	7
32	X X X X	X X X X	8
31	X X X	X	4
30	X X X X X	X X	7
29	X	X	2
28	X X X		3
27			0
26		X	1
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/30/2021 TIME: 11:21 AM - 12:00 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, left-turn channelization, raised median

ADJACENT LAND USE: Retail/commercial, residential.

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 41,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 15 midblock collisions

ACCIDENT RATE: 0.99 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 43 M.P.H.

50TH %: 37 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 70%

% OVER PACE: 14%

% UNDER PACE: 16%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 15

From 1/1/2019 to 12/31/2020

Total Collisions: 18

Injury Collisions: 5

Fatal Collisions: 0

Collision Summary Report

10/26/21

MAGNOLIA ST from WESTMINSTER BLVD to TRASK AVE

Page 1 of 4

8787683	1/9/2019	15:46	Wednesday	MAGNOLIA ST - TRASK AVE			520'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Traffic Signals and Signs			21453A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 73	2006 GMC		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 2 Driver	East	Making Left Turn		Female	Age: 59	2014 LEXUS		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
8819709	2/8/2019	19:39	Friday	MAGNOLIA ST - WESTMINSTER BLVD			437'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Driving Under Influence			23152A	Hit & Run: No	Other Visible Injury	# Inj: 3	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 27	2014 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
Party 2 Driver	South	Stopped in Road		Male	Age: 30	2007 DODGE		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
Party 3 Driver	South	Stopped in Road		Male	Age: 48	2012 HONDA		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
Party 4 Driver	South	Stopped in Road		Male	Age: 29	2018 NISSAN		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 5 Driver	South	Stopped in Road		Male	Age: 30	2010 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
8822231	2/24/2019	20:49	Sunday	MAGNOLIA ST - TRASK AVE			480'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:
	Head-On		Other Motor Vehicle	Traffic Signals and Signs			21453A	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Female	Age: 21	2000 HONDA		Passenger Car, Station Wagon, Jeep		Complaint of Pain	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
Party 2 Driver	South	Making Left Turn		Male	Age: 48	2018 NISSAN		Pickups & Panels		No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
8863351	4/19/2019	16:32	Friday	MAGNOLIA ST - TRASK AVE			592'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Auto R/W Violation			21453B	Hit & Run: Misd	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Making Right Turn		Not Sta	Age:	0 -		Pickups & Panels		No Injury	
Veh Type: Pickup Truck		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 2 Driver	South	Proceeding Straight		Female	Age: 53	1999 INFINITI		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
8880367	5/21/2019	11:34	Tuesday	MAGNOLIA ST - WESTMINSTER BLVD			242'	Direction: North	Daylight	Cloudy	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning			22107	Hit & Run: Misd	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Passing Other Vehicle		Not Sta	Age:	2018 HONDA		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Not Stated	Not Stated			

MAGNOLIA ST from WESTMINSTER BLVD to TRASK AVE

Party 2 Driver	South	Stopped in Road	Female	Age: 46	2018 ACURA		Sport Utility Vehicle	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	
8909774	7/6/2019	23:00	Saturday	MAGNOLIA ST - TRASK AVE	320'	Direction: South	Dark - Street Ligh	Clear
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	South	Proceeding Straight	Not Sta	Age:	2000 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated	
Party 2 Driver	South	Stopped in Road	Male	Age: 55	2010 TOYOTA		Two Axle Tank Truck	No Injury
Veh Type: Truck		Sobriety: Not Applicable		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	
8943771	8/23/2019	17:52	Friday	MAGNOLIA ST - WESTMINSTER BLVD	92'	Direction: North	Daylight	Clear
	Vehicle - Pedestrian	Pedestrian		Improper Turning	22107	Hit & Run: Felony	Other Visible Injury	# Inj: 1 # Killed: 0
Party 1 Driver	North	Making Right Turn	Male	Age: 17	2003 FORD		Sport Utility Vehicle	No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	
Party 2 Pedestrian	Not S	Not Stated	Male	Age: 92	0 -		Pedestrian	Other Visible Injury
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated	
8954777	9/1/2019	14:44	Sunday	MAGNOLIA ST - TRASK AVE	524'	Direction: South	Daylight	Clear
	Broadside		Other Motor Vehicle	Traffic Signals and Signs	21453A	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	North	Proceeding Straight	Male	Age: 17	2017 TOYOTA		Sport Utility Vehicle	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	
Party 2 Driver	East	Making Left Turn	Male	Age: 69	2013 HONDA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated	
8957544	10/6/2019	10:26	Sunday	MAGNOLIA ST - TRASK AVE	595'	Direction: South	Daylight	Clear
	Sideswipe		Other Motor Vehicle	Traffic Signals and Signs	21453A	Hit & Run: No	Other Visible Injury	# Inj: 1 # Killed: 0
Party 1 Driver	East	Making Right Turn	Male	Age: 40	2000 HARLEY-DAVIDS		Motorcycle	No Injury
Veh Type: Motorcycle		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	
Party 2 Driver	South	Proceeding Straight	Male	Age: 60	2011 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	
8994818	10/10/2019	16:59	Thursday	MAGNOLIA ST - TRASK AVE	265'	Direction: South	Daylight	Clear
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	North	Changing Lanes	Not Sta	Age:	1994 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated	
Party 2 Driver	North	Proceeding Straight	Female	Age: 23	2009 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated	
9007590	11/5/2019	20:16	Tuesday	MAGNOLIA ST - TRASK AVE	526'	Direction: South	Dark - Street Ligh	Clear
	Head-On		Other Motor Vehicle	Traffic Signals and Signs	21453A	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	North	Proceeding Straight	Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem	No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated	
Party 2 Driver	South	Making Left Turn	Female	Age: 32	2004 CHEVROLET		Pickups & Panels	No Injury
Veh Type: Pickup Truck		Sobriety: Not Applicable		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	
8985325	11/21/2019	09:24	Thursday	MAGNOLIA ST - TRASK AVE	515'	Direction: South	Daylight	Clear
	Broadside		Other Motor Vehicle	Traffic Signals and Signs	21453A	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0

MAGNOLIA ST from WESTMINSTER BLVD to TRASK AVE

Party 1 Driver	East	Making Left Turn	Female	Age: 19	2010 VOLKSWAGEN	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
Party 2 Driver	North	Proceeding Straight	Male	Age: 59	2014 HONDA	Motorcycle	No Injury		
Veh Type: Motorcycle		Sobriety: HNBD	Assoc Factor: Not Stated		Not Required	Not Stated			
9038796	1/7/2020	15:35	Tuesday	MAGNOLIA ST - WESTMINSTER BLVD		321' Direction: North	Daylight	Clear	Pty at Fault:1
Rear-End		Motor Vehicle on Othe		Unsafe Speed		22350	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	South	Proceeding Straight	Male	Age: 51	2017 -	Police Car	No Injury		
Veh Type: Emergency Vehicle		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2 Driver	South	Stopped in Road	Male	Age: 37	2011 FORD	Pickups & Panels	No Injury		
Veh Type: Pickup Truck		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9041647	1/26/2020	12:12	Sunday	MAGNOLIA ST - MAYS AVE		114' Direction: South	Not Stated	Clear	Pty at Fault:1
Rear-End		Other Motor Vehicle		Unsafe Speed		22350	Hit & Run: No	Complaint of Pain	# Inj: 1 # Killed: 0
Party 1 Driver	South	Proceeding Straight	Female	Age: 44	2006 HONDA	Mini Van	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2 Driver	South	Stopped in Road	Female	Age: 51	2012 TOYOTA	Sport Utility Vehicle	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 3 Driver	South	Stopped in Road	Male	Age: 22	2009 LEXUS	Sport Utility Vehicle	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 4 Driver	South	Stopped in Road	Male	Age: 52	2017 NISSAN	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9061765	1/30/2020	06:47	Thursday	MAGNOLIA ST - TRASK AVE		510' Direction: South	Daylight	Clear	Pty at Fault:1
Broadside		Other Motor Vehicle		Traffic Signals and Signs		21453A	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	South	Proceeding Straight	Female	Age: 30	2014 HONDA	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2 Driver	East	Making Left Turn	Male	Age: 58	2012 DODGE	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9140898	7/21/2020	23:06	Tuesday	MAGNOLIA ST - MAYS AVE		167' Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
Hit Object		Fixed Object		Driving Under Influence		23152A	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	South	Proceeding Straight	Male	Age: 33	2007 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9167675	8/10/2020	17:40	Monday	MAGNOLIA ST - TRASK AVE		94' Direction: South	Daylight	Clear	Pty at Fault:1
Rear-End		Other Motor Vehicle		Unsafe Speed		22350	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	South	Proceeding Straight	Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem	No Injury		
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Unknown	Not Stated			
Party 2 Driver	South	Proceeding Straight	Female	Age: 31	2016 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9228536	11/26/2020	16:55	Thursday	MAGNOLIA ST - WESTMINSTER BLVD		232' Direction: North	Dusk - Dawn	Clear	Pty at Fault:1
Rear-End		Other Motor Vehicle		Unsafe Speed		22350	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Other	South	Proceeding Straight	Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem	No Injury		
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2 Driver	South	Stopped in Road	Male	Age: 68	2002 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			

Segment Length: 0.50 miles (2,647')

Settings for Query:

Segment: MAGNOLIA ST between WESTMINSTER BLVD and TRASK AVE

Include Intersection Related at Limit 1 (WESTMINSTER BLVD): False

Include Intersection Related at Limit 2 (TRASK AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Magnolia Street

LIMITS: Trask Ave to Garden Grove Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54	X	X	2
53		X	1
52			0
51			0
50			0
49	X	X	2
48		X	1
47		X X	2
46	X X	X X X X	6
45	X X	X X	4
44	X X X X X X X X	X	9
43	X X X X	X X X	7
42	X X X X X X X X X	X X X X	13
41	X X X X X	X X X X X X	11
40	X X X X X X X	X X X X X X X	14
39	X X X X X X X	X X X X X X X X X X	18
38	X X X X	X X X X	8
37	X X X X	X X X X X X X X X X X X	17
36	X X X X X X X X X	X X X X X X X X X X	19
35	X X X X X X	X X X X X X X X	14
34	X X X X X X	X X X X X X	12
33	X X X X X X X X	X X X X X X X	15
32	X X X X	X X X	7
31	X X	X X X	5
30	X X X X X	X X	7
29	X X X		3
28	X X X		3
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/30/2021 TIME: 10:31 AM - 11:06 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, left-turn channelization, raised median, on-street parking

ADJACENT LAND USE: Retail/commercial, residential.

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 32,600 vehicles SEGMENT LENGTH: 0.58 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 0.29 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 42 M.P.H.

50TH %: 37 M.P.H.

15TH %: 32 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 71%

% OVER PACE: 17%

% UNDER PACE: 13%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): Y

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: 40 M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

**Total Collisions: 6
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

MAGNOLIA ST from TRASK AVE to GARDEN GROVE BLVD

Page 1 of 2

8824479	3/2/2019	03:20	Saturday	MAGNOLIA ST - GARDEN GROVE BLVD	208'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Unsafe Starting or Backing	22106	Hit & Run: Misde	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	North	Backing		Not Sta	Age: 0 -		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2 Pedestrian	North	Stopped in Road		Male	Age: 30		Pedestrian		No Injury
Veh Type: Pedestrian		Sobriety: HBD Under Influence		Assoc Factor: Not Stated	Not Stated		Not Stated		
8856957	4/19/2019	15:07	Friday	MAGNOLIA ST - GARDEN GROVE BLVD	57'	Direction: South	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed	22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Other Unsafe Turning		Female	Age: 19		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		
8894599	6/15/2019	15:20	Saturday	MAGNOLIA ST - TRASK AVE	305'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 38		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
Party 2 Parked Vehicle	North	Parked		Not Sta	Age: 2018		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated		Not Stated		
8950783	9/16/2019	14:01	Monday	MAGNOLIA ST - TRASK AVE	65'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Changing Lanes		Not Sta	Age: 0 -		Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2 Driver	South	Stopped in Road		Female	Age: 66		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
9087538	1/23/2020	04:38	Thursday	MAGNOLIA ST - TRASK AVE	290'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Not Sta	Age: 2007		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2 Parked Vehicle	North	Parked		Not Sta	Age: 2015		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated		Not Stated		
9086543	2/28/2020	20:40	Friday	MAGNOLIA ST - CENTRAL AVE	599'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:
	Rear-End		Parked Motor Vehicle	Unknown		Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Other	South	Proceeding Straight		Not Sta	Age: 2006 -		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated	Not Stated		Not Stated		

MAGNOLIA ST from TRASK AVE to GARDEN GROVE BLVD

Party 2	Parked Vehicle	South	Parked	Not Sta	Age:	2000 -	Passenger Car, Station Wagon, Jeep	No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor:	Not Stated	Not Stated	
Party 3	Parked Vehicle	South	Parked	Not Sta	Age:	2013 -	Passenger Car, Station Wagon, Jeep	No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor:	Not Stated	Not Stated	

Segment Length: 0.58 miles (3,080')

Settings for Query:

Segment: MAGNOLIA ST between TRASK AVE and GARDEN GROVE BLVD

Include Intersection Related at Limit 1 (TRASK AVE): False

Include Intersection Related at Limit 2 (GARDEN GROVE BLVD): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Magnolia Street

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52		X X	2
51		X	1
50	X		1
49	X		1
48	X X	X X	4
47	X X		2
46	X X	X X X X	6
45	X X X	X X X	6
44	X X X	X X X X	7
43	X X X X X X X X	X X X X X X X X X X	17
42	X X X X X X X	X X X X X X X X X X X	16
41	X X X X	X X X X	8
40	X X X X X X X	X X X X X X X X X X X	16
39	X X X X X X X	X X X	9
38	X X X X X X X X X X X X	X X X X X X X X X	19
37	X X X X X X X X X X X X X X	X X X X X X X X	20
36	X X X X X X X X X X X X X	X X X X X X X X X X X	21
35	X X X X X X X X X X	X X X X X X X X X X	17
34	X X X X X X	X X X X X X X X	12
33	X X	X X X X	6
32	X X X	X X	5
31	X X		2
30	X	X	2
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/30/2021 TIME: 12:19 PM - 1:01 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, left-turn channelization, raised median, on-street parking

ADJACENT LAND USE: Retail/commercial, residential, school.

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 29,200 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 5 midblock collisions

ACCIDENT RATE: 0.47 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 43 M.P.H.

50TH %: 37 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 78%

% OVER PACE: 15%

% UNDER PACE: 8%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 5

From 1/1/2019 to 12/31/2020

**Total Collisions: 6
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

MAGNOLIA ST from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 2

8870482	5/24/2019	05:44	Friday	MAGNOLIA ST - STANFORD AVE		312'	Direction: South	Dusk - Dawn	Clear	Pty at Fault:1
	Overtuned		Other Motor Vehicle	Improper Turning		22107	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 24	2005 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
Party 2	Driver	North	Entering Traffic	Male	Age: 37	2015 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 3	Parked Vehicle	Not S	Parked	Not Sta	Age:	1999 DODGE			No Injury	
	Veh Type: Not Stated		Sobriety: Not Stated	Assoc Factor: Not Stated		Not Stated		Not Stated		
8980022	9/29/2019	01:34	Sunday	MAGNOLIA ST - ERNEST FULSOM DR		75'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Driving Under Influence		23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Female	Age: 19	2016 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
Party 2	Parked Vehicle	Not S	Parked	Not Sta	Age:	1993 TOYOTA			No Injury	
	Veh Type: Not Stated		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated		Not Stated		
9031261	1/7/2020	14:44	Tuesday	MAGNOLIA ST - GARDEN GROVE BLVD		135'	Direction: North	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Female	Age: 64	2016 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
9119783	6/23/2020	21:18	Tuesday	MAGNOLIA ST - ACACIA AVE		185'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Improper Turning		22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Other Unsafe Turning	Not Sta	Age:	2010 -		Mini Van	No Injury	
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
Party 2	Parked Vehicle	South	Parked	Not Sta	Age:	2017 HINO		Two Axle Truck	No Injury	
	Veh Type: Truck		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 3	Parked Vehicle	South	Parked	Not Sta	Age:	2018 HINO		Two Axle Truck	No Injury	
	Veh Type: Truck		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated		Not Stated		
9148449	9/3/2020	06:42	Thursday	MAGNOLIA ST - LAMPSON AVE		164'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Female	Age: 30	2015 -		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2	Parked Vehicle	South	Parked	Not Sta	Age:	2018 -		Pickups & Panels	No Injury	
	Veh Type: Pickup Truck		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 3	Parked Vehicle	South	Parked	Not Sta	Age:	2019 -		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated		Not Stated		

MAGNOLIA ST from GARDEN GROVE BLVD to LAMPSON AVE

9219018	12/14/2020	06:41	Monday	MAGNOLIA ST - STANFORD AVE			396'	Direction: North	Daylight	Clear	Pty at Fault:2
	Rear-End		Other Motor Vehicle	Driving Under Influence			23152A	Hit & Run: No	Severe Injury	# Inj: 3	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Male	Age: 20	2018 -			Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Violation		Air Bag Deployed		Not Stated		
Party 2	Driver	South	Proceeding Straight	Male	Age: 51	2003 -			Passenger Car, Station Wagon, Jeep	Severe Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		

Segment Length: 0.50 miles (2,625')

Settings for Query:

Segment: MAGNOLIA ST between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Magnolia Street

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59	X		1
58			0
57			0
56			0
55			0
54			0
53	X		1
52	X X X		3
51			0
50	X		1
49	X	X	2
48	X	X X X	4
47	X X X	X X	5
46	X X	X X	4
45	X X X X X X	X X X	9
44	X X X X X X X X	X X	10
43	X X X	X X X X X X X	10
42	X X X X X X X X X	X X X X X X X X X X	20
41	X X X X X	X X X X X X X X X	15
40	X X X X X X X X X X X	X X X X X X X X	19
39	X X X X	X X X X X X X X X X	15
38	X X X X X X X X X	X X X X X X X X X X	20
37	X X X	X X X X X X X	10
36	X X X X X X	X X X X X X X X	14
35	X X X X X X X	X X X X X X	13
34	X X X X X	X X X X X X	11
33	X X X X X	X X	7
32	X X		2
31	X		1
30	X X		2
29	X		1
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/30/2021 TIME: 1:06 PM - 1:45 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, left-turn channelization, raised median, on-street parking

ADJACENT LAND USE: Retail/commercial, residential, church, school.

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 27,800 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 39 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 74%

% OVER PACE: 20%

% UNDER PACE: 7%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

MAGNOLIA ST from LAMPSON AVE to CHAPMAN AVE

Page 1 of 1

8980080	11/1/2019	07:36	Friday	MAGNOLIA ST - LAMPSON AVE	65'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

Party 1 Driver	North	Proceeding Straight	Female	Age: 35	2006 CHEVROLET	Sport Utility Vehicle	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed	Not Stated	
Party 2 Driver	North	Proceeding Straight	Female	Age: 33	2017 HONDA	Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed	Not Stated	
Party 3 Driver	North	Proceeding Straight	Male	Age: 42	1999 HONDA	Mini Van	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	

Segment Length: 0.50 miles (2,648')

Settings for Query:

Segment: MAGNOLIA ST between LAMPSON AVE and CHAPMAN AVE

Include Intersection Related at Limit 1 (LAMPSON AVE): False

Include Intersection Related at Limit 2 (CHAPMAN AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Magnolia Street

LIMITS: Chapman Ave to Orangewood Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59	X		1
58			0
57		X	1
56			0
55			0
54			0
53	X		1
52			0
51		X	1
50			0
49	X	X X	3
48	X X X	X	4
47		X	1
46	X	X	2
45	X X X	X X	5
44	X X X		3
43	X X X		3
42	X X X	X X X	6
41	X X	X	3
40	X X	X X X X X	7
39	X X X	X X X X X	8
38	X X X X	X X X X X	9
37	X X X X	X X X X	8
36	X X X	X X X X X X	9
35	X X X X X X X X	X X X	10
34	X	X X X X X	6
33	X X	X X	4
32	X		1
31		X	1
30		X	1
29	X X		2
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 8/30/2021 TIME: 1:57 PM - 2:13 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, left-turn channelization, raised median, on-street parking

ADJACENT LAND USE: Retail/commercial, residential.

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 23,200 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 6 midblock collisions

ACCIDENT RATE: 0.70 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 38 M.P.H.

15TH %: 34 M.P.H.

AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 70%

% OVER PACE: 25%

% UNDER PACE: 5%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 6

From 1/1/2019 to 12/31/2020

**Total Collisions: 6
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

MAGNOLIA ST from CHAPMAN AVE to ORANGEWOOD AVE

Page 1 of 2

8815823	3/3/2019	22:18	Sunday	MAGNOLIA ST - SHELLEY DR	153'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle Improper Turning	22107	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male Age: 23	1997 HONDA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Parked Vehicle	North	Parked		Not Sta Age:	2008 TOYOTA		Mini Van		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
8909782	7/23/2019	14:37	Tuesday	MAGNOLIA ST - SHELLEY DR	66'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Not Sta Age:	2005 FORD		Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Parked Vehicle	South	Parked		Not Sta Age:	2016 NISSAN		Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
9022786	12/24/2019	02:03	Tuesday	MAGNOLIA ST - YORKSHIRE AVE	200'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Female Age: 34	2008 SCION		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Parked Vehicle	South	Parked		Not Sta Age:	2011 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
9030058	12/28/2019	18:51	Saturday	MAGNOLIA ST - MACALPINE RD	236'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle Improper Turning	22107	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Male Age: 69	2003 DODGE		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Parked Vehicle	South	Parked		Not Sta Age:	2011 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
9100754	4/25/2020	13:30	Saturday	MAGNOLIA ST - TRISTAN DR	86'	Direction: South	Daylight	Clear	Pty at Fault:
	Sideswipe			Parked Motor Vehicle Unknown		Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Not Sta Age:	0 -		Unknown Hit and Run Vehicle Involvem		No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Parked Vehicle	South	Parked		Not Sta Age:	2009 -		Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
9155372	8/3/2020	21:50	Monday	MAGNOLIA ST - TRISTAN DR	66'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On			Other Object Driving Under Influence	23152A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0

MAGNOLIA ST from CHAPMAN AVE to ORANGEWOOD AVE

Party 1 Driver North Proceeding Straight Male Age: 54 2006 -
Veh Type: Passenger Car Sobriety: HBD Under Influence Assoc Factor: Not Stated

Air Bag Deployed

Passenger Car, Station Wagon, Jeep
Not Stated

No Injury

Segment Length: 0.50 miles (2,653')

Settings for Query:

Segment: MAGNOLIA ST between CHAPMAN AVE and ORANGEWOOD AVE

Include Intersection Related at Limit 1 (CHAPMAN AVE): False

Include Intersection Related at Limit 2 (ORANGEWOOD AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Magnolia Street

LIMITS: Orangewood Ave to Katella Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55		X	1
54		X	1
53			0
52	X		1
51	X		1
50	X	X X	3
49	X	X X	3
48	X	X	2
47	X X X	X X X	6
46	X X X X	X X X X X X	10
45	X X	X X	4
44	X X	X X X	5
43	X X X	X X X	6
42	X X X X	X X X X	8
41	X X X	X X X X X X	9
40	X X		2
39	X X X	X X X X X X X X	11
38	X X X X X X	X X X X	10
37	X X X X X	X	6
36	X X X		3
35	X		1
34	X X	X	3
33	X		1
32	X	X	2
31			0
30			0
29			0
28			0
27		X	1
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 8/30/2021 TIME: 2:33 PM - 2:50 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, left-turn channelization, raised median, on-street parking

ADJACENT LAND USE: Retail/commercial, residential, school, park

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 26,000 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 6 midblock collisions

ACCIDENT RATE: 0.63 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 46 M.P.H.

50TH %: 41 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 38 - 47 M.P.H.

% IN PACE: 71%

% OVER PACE: 12%

% UNDER PACE: 17%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, Continuity of Speed, 40 mph in Anaheim

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 6

From 1/1/2019 to 12/31/2020

**Total Collisions: 6
Injury Collisions: 3
Fatal Collisions: 0**

Collision Summary Report

10/26/21

MAGNOLIA ST from ORANGEWOOD AVE to KATELLA AVE

Page 1 of 2

8870545	5/13/2019	13:18	Monday	MAGNOLIA ST - ORANGEWOOD AVE			313'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Complaint of Pain		# Inj: 1	# Killed: 0
Party 1 Driver	South	Slowing/Stopping		Not Sta	Age: 0 -			Unknown Hit and Run Vehicle Involvem		No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 2 Driver	South	Stopped in Road		Female	Age: 79	2005 TOYOTA		Passenger Car, Station Wagon, Jeep		Complaint of Pain	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated			
Party 3 Driver	South	Stopped in Road		Female	Age: 48	2012 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated			
9015240	11/16/2019	22:00	Saturday	MAGNOLIA ST - JOYZELLE DR			250'	Direction: North	Dark - No Street	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Property Damage Only		# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Female	Age: 69	2003 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
Party 2 Parked Vehicle	South	Parked		Not Sta	Age:	2006 CHRYSLER		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated			
9029683	12/28/2019	19:58	Saturday	MAGNOLIA ST - ORANGEWOOD AVE			178'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle	Improper Turning	22107	Hit & Run: No	Other Visible Injury		# Inj: 1	# Killed: 0
Party 1 Driver	South	Changing Lanes		Male	Age: 46	2003 FORD		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated			
9041639	1/7/2020	12:25	Tuesday	MAGNOLIA ST - TRACY AVE			113'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain		# Inj: 1	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Female	Age: 26	2016 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
Party 2 Driver	South	Stopped in Road		Female	Age: 57	2017 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
9083803	3/13/2020	23:52	Friday	MAGNOLIA ST - ROSANNA AVE			58'	Direction: North	Dark - No Street	Raining	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only		# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 28	2014 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
Party 2 Parked Vehicle	North	Parked		Not Sta	Age:	2014 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 3 Parked Vehicle	North	Parked		Not Sta	Age:	2010 FORD		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 4 Parked Vehicle	North	Parked		Not Sta	Age:	2003 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated			

MAGNOLIA ST from ORANGEWOOD AVE to KATELLA AVE

9121602	6/14/2020	15:06	Sunday	MAGNOLIA ST - JOYZELLE DR	130'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	Not S	Not Stated	Male	Age: 51	2016 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
Party 2	Driver	Not S	Not Stated	Male	Age: 48	2013 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		

Segment Length: 0.50 miles (2,664')

Settings for Query:

Segment: MAGNOLIA ST between ORANGEWOOD AVE and KATELLA AVE

Include Intersection Related at Limit 1 (ORANGEWOOD AVE): False

Include Intersection Related at Limit 2 (KATELLA AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Main Street

LIMITS: Garden Grove Blvd to Acacia Pkwy

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45			0
44			0
43			0
42			0
41			0
40			0
39			0
38			0
37			0
36			0
35			0
34			0
33			0
32			0
31			0
30			0
29			0
28		X	1
27	X		1
26			0
25	X	X	2
24		X X	2
23	X	X X X	4
22	X X		2
21	X X X	X X X	6
20	X X X X X X	X X X X X X X X	15
19	X X X X	X X X X X X X X	13
18	X X X	X X X X X	8
17	X X	X X X X X X X X	11
16	X X X X X X X X	X X X X	13
15			0
GRAND TOTALS			78

DATE: 9/20/2021 TIME: 1:31 PM - 2:14 PM

STREET CLASIFICATION: Collector

ROADWAY DESCRIPTION: One lane each direction, decorative roadway pavement, no centerline marking, on-street parking

ADJACENT LAND USE: Retail/commercial, restaurants

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 3,900 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 21 M.P.H.
 50TH %: 18 M.P.H.
 15TH %: 15 M.P.H.


AVERAGE SPEED: 19 M.P.H.

10 MPH PACE: 16 - 25 M.P.H.

% IN PACE: 97%

% OVER PACE: 3%

% UNDER PACE: 0%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 25 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 0
Injury Collisions: 0
Fatal Collisions: 0

Collision Summary Report

10/26/21

MAIN ST from GARDEN GROVE BLVD to ACACIA PKWY

Page 1 of 1

Segment Length: 0.13 miles (677')

Settings for Query:

Segment: MAIN ST between GARDEN GROVE BLVD and ACACIA PKWY
Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False
Include Intersection Related at Limit 2 (ACACIA PKWY): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Main Street

LIMITS: Acacia Pkwy to Euclid St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45			0
44			0
43			0
42			0
41			0
40			0
39			0
38			0
37			0
36			0
35			0
34	X	X	3
33		X	1
32	X	X	5
31	X	X	8
30	X	X	9
29	X	X	4
28	X	X	15
27	X	X	9
26	X	X	16
25	X	X	12
24	X	X	6
23	X	X	6
22		X	2
21		X	2
20		X	1
19	X		1
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/20/2021 TIME: 2:14 PM - 2:37 PM

STREET CLASIFICATION: Collector

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Residential, park, church

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 6,000 vehicles SEGMENT LENGTH: 0.30 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 1.50 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 30 M.P.H.
 50TH %: 26 M.P.H.
 15TH %: 23 M.P.H.


AVERAGE SPEED: 27 M.P.H.

10 MPH PACE: 23 - 32 M.P.H.

% IN PACE: 90%

% OVER PACE: 4%

% UNDER PACE: 6%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Angled On-Street Parking, Adjacent to Park, Continuity of Speed, High Accident Rate

EXISTING SPEED LIMIT: 25 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

MAIN ST from ACACIA PKWY to EUCLID ST (N)

Page 1 of 1

8877043	6/4/2019	09:59	Tuesday	MAIN ST - STANFORD AVE	71'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Other Unsafe Turning	Female	Age: 68	2011 LEXUS	Sport Utility Vehicle		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 2	Parked Vehicle	Not S	Parked	Not Sta	Age:	2016 TOYOTA	Pickups & Panels		No Injury
	Veh Type: Pickup Truck		Sobriety: Not Stated			Assoc Factor: Not Stated	Not Stated	Not Stated	
9082870	3/3/2020	10:09	Tuesday	MAIN ST - ACACIA PKWY	268'	Direction: North	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Improper Turning	22103	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making U Turn	Female	Age: 75	2018 -	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 2	Driver	North	Proceeding Straight	Female	Age: 81	2009 -	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated	

Segment Length: 0.28 miles (1,459')

Settings for Query:

Segment: MAIN ST between ACACIA PKWY and EUCLID ST (N)

Include Intersection Related at Limit 1 (ACACIA PKWY): False

Include Intersection Related at Limit 2 (EUCLID ST (N)): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Nelson Street

LIMITS: Garden Grove Blvd to Stanford Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48		X	1
47	X		1
46			0
45	X X X	X	4
44	X		1
43		X	1
42	X	X X	3
41	X	X	2
40	X X X X X X	X X X X X	11
39	X	X X X	4
38	X X X	X X X X	7
37	X X X X X X X X X X	X X X	13
36	X X X X X X X X X X	X X X X X X X	17
35	X X X X X X X X X X X	X X X X X X X X X X	21
34	X X X X X X X X	X X X X X	13
33	X X X X X X X	X X X X X X X X X X X X X X X X	22
32	X X X X X X X X X X	X X X X X X X X	18
31	X X X X X X	X X X X X X X X X	15
30	X X X X X X	X X X X X X X X	14
29	X X X X X	X X X X X X X X	13
28	X X X X X	X	6
27	X X X	X	4
26	X X	X X X	5
25		X X	2
24		X	1
23		X	1
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/20/2021 TIME: 12:22 PM - 1:19 PM

STREET CLASIFICATION: Collector

ROADWAY DESCRIPTION: Two lanes each direction, raised median, left-turn channelization, on-street parking

ADJACENT LAND USE: Retail/commercial/industrial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 8,800 vehicles SEGMENT LENGTH: 0.25 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.62 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 38 M.P.H.

50TH %: 33 M.P.H.

15TH %: 29 M.P.H.

AVERAGE SPEED: 34 M.P.H.

10 MPH PACE: 29 - 38 M.P.H.

% IN PACE: 77%

% OVER PACE: 14%

% UNDER PACE: 10%

REGISTERED PROFESSIONAL ENGINEER
RUBEN PERALES
No. 83169
CIVIL
STATE OF CALIFORNIA

TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 1
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

NELSON ST from GARDEN GROVE BLVD to STANFORD AVE

Page 1 of 1

8834873	3/2/2019	22:53	Saturday	NELSON ST - ACACIA PKWY	52'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight	Male	Age: 22	1996 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Violation		Air Bag Deployed		Not Stated		

Segment Length: 0.25 miles (1,309')

Settings for Query:

Segment: NELSON ST between GARDEN GROVE BLVD and STANFORD AVE
Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False
Include Intersection Related at Limit 2 (STANFORD AVE): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Newhope Street

LIMITS: Westminster Ave to Trask Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48	X	X	2
47	X		1
46			0
45	X X	X	3
44	X		1
43	X X	X X X	5
42	X X	X X X	5
41	X X	X X X	5
40	X X X X	X X X X X	9
39	X X X X X X	X X X X X X X	13
38	X X X X	X X X X X X X	11
37	X X X	X X X X X X	9
36	X X X X	X X X X X X	10
35	X X X X	X X X	7
34	X X X X X X X	X X X	10
33	X X X		3
32	X X	X	3
31	X	X	2
30	X		1
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/20/2021 TIME: 3:15 PM - 3:32 PM

STREET CLASSIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, left-turn channelization, bike lane

ADJACENT LAND USE: Retail/commercial/industrial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 29,600 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 5 midblock collisions

ACCIDENT RATE: 0.46 acc/mvm EXPECTED RATE: 0.90 acc/mvm

85TH %: 41 M.P.H.

50TH %: 37 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 84%

% OVER PACE: 7%

% UNDER PACE: 9%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 5

From 1/1/2019 to 12/31/2020

Total Collisions: 6

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

NEWHOPE ST from WESTMINSTER AVE to TRASK AVE

Page 1 of 2

8735774	1/24/2019	18:05	Thursday	NEWHOPE ST - WESTMINSTER AVE			265'	Direction: North	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Improper Turning			22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Other Unsafe Turning		Male	Age: 54	2011 KIA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
Party 2 Driver	South	Stopped in Road		Male	Age: 51	2017 PETERBILT		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Not Stated		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
8863288	4/16/2019	16:47	Tuesday	NEWHOPE ST - SALINAZ AVE			135'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Not Sta	Age:	2001 TOYOTA		Pickups & Panels		No Injury	
Veh Type: Pickup Truck		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated			Not Stated		Not Stated		
Party 2 Driver	North	Stopped in Road		Male	Age: 52	1997 FORD		Pickups & Panels		No Injury	
Veh Type: Pickup Truck		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
Party 3 Driver	North	Stopped in Road		Male	Age: 46	2016 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
8861370	5/2/2019	10:30	Thursday	NEWHOPE ST - ANABEL AVE			160'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Fixed Object	Improper Turning			22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Other Unsafe Turning		Male	Age: 63	2000 INTERNATIONAL		Three or More Axle Truck		No Injury	
Veh Type: Truck with Trailer		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
9015493	12/5/2019	15:25	Thursday	NEWHOPE ST - JOLA AVE			140'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning			22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Making Left Turn		Female	Age: 19	1997 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
Party 2 Driver	North	Stopped in Road		Male	Age: 57	1998 BLUEBIRD (BUS)		School Bus Public Type I		No Injury	
Veh Type: School Bus		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		School Bus Related		
9173172	9/11/2020	14:18	Friday	NEWHOPE ST - WESTMINSTER AVE			117'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Wrong Side of Road			21460A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Making Left Turn		Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem		No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated			Not Stated		Not Stated		
Party 2 Driver	North	Proceeding Straight		Male	Age: 67	2002 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
9190664	10/31/2020	09:58	Saturday	NEWHOPE ST - ANABEL AVE			234'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

NEWHOPE ST from WESTMINSTER AVE to TRASK AVE

Party 1 Driver	North	Proceeding Straight	Male	Age: 34	1997 -		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	
Party 2 Driver	North	Stopped in Road	Male	Age: 38	2007 FORD		Police Car	No Injury
Veh Type: Emergency Vehicle		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	

Segment Length: 0.50 miles (2,620')

Settings for Query:

Segment: NEWHOPE ST between WESTMINSTER AVE and TRASK AVE

Include Intersection Related at Limit 1 (WESTMINSTER AVE): False

Include Intersection Related at Limit 2 (TRASK AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Newhope Street

LIMITS: Trask Ave to Garden Grove Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55		X	1
54			0
53	X		1
52			0
51			0
50			0
49			0
48			0
47			0
46	X	X	2
45			0
44	X	X X X X	5
43	X X	X X	4
42	X X X X X		5
41	X X X X X	X X X X X	10
40	X X X X X	X	6
39	X X X X	X X X X X X X	11
38	X X X X X	X X X	8
37	X X X X X X X	X X X X X X X	14
36	X X X X X X	X X X	9
35	X X X X X X	X X X	9
34	X X	X X X	5
33	X X X	X X	5
32	X X	X X	4
31		X	1
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/20/2021 TIME: 2:50 PM - 3:08 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, left-turn channelization, bike lane

ADJACENT LAND USE: Retail/commercial/industrial, residential, church, school

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 22,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.12 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 41 M.P.H.

50TH %: 37 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 82%

% OVER PACE: 13%

% UNDER PACE: 5%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lanes, Multiple Driveways, Adjacent to School

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

NEWHOPE ST from TRASK AVE to GARDEN GROVE BLVD

Page 1 of 1

8930879	8/8/2019	15:58	Thursday	NEWHOPE ST - GARDEN GROVE BLVD	221'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0

Party 1 Driver	West	Entering Traffic	Female	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated	
Party 2 Driver	North	Proceeding Straight	Male	Age: 24	2017 FORD	Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	

Segment Length: 0.51 miles (2,690')

Settings for Query:

Segment: NEWHOPE ST between TRASK AVE and GARDEN GROVE BLVD

Include Intersection Related at Limit 1 (TRASK AVE): False

Include Intersection Related at Limit 2 (GARDEN GROVE BLVD): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Newland Street

LIMITS: Westminster Ave to Trask Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56	X		1
55			0
54			0
53			0
52			0
51			0
50			0
49	X		1
48	X	X X	3
47	X	X	2
46	X	X X X	4
45	X	X X X X X X X X	9
44	X X	X X X	5
43	X X X	X X	5
42	X X X X	X X X X X X	10
41	X X X X X	X X	7
40	X X X	X X X X	7
39	X X	X X X	5
38	X X X X X X X X	X X X X X	14
37	X X	X X X	5
36	X X	X	3
35	X X	X X	4
34	X	X X	3
33	X	X	2
32	X X X X	X	5
31	X X		2
30	X	X	2
29			0
28	X		1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/20/2021 TIME: 8:30 AM - 8:46 AM

STREET CLASSIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 19,800 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.28 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 39 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 71%

% OVER PACE: 7%

% UNDER PACE: 22%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

NEWLAND ST from WESTMINSTER BLVD to TRASK AVE

Page 1 of 1

8877114	5/30/2019	21:34	Thursday	NEWLAND ST - MALLARD AVE	99'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	North	Other Unsafe Turning		Male	Age: 20	2015 INFINITI	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Stated			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
Party 2 Driver	North	Proceeding Straight		Male	Age: 44	2007 TOYOTA	Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
9128861	6/26/2020	14:51	Friday	NEWLAND ST - WESTMINSTER BLVD	1070'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		non-collision	Other		Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Female	Age: 23	2015 FIAT	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2 Driver	North	Proceeding Straight		Female	Age: 55	2005 -	Passenger Car, Station Wagon, Jeep	Complaint of Pain	
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		

Segment Length: 0.50 miles (2,646')

Settings for Query:

Segment: NEWLAND ST between WESTMINSTER BLVD and TRASK AVE

Include Intersection Related at Limit 1 (WESTMINSTER BLVD): False

Include Intersection Related at Limit 2 (TRASK AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Newland Street

LIMITS: Trask Ave to Garden Grove Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49		X	1
48	X		1
47			0
46	X		1
45		X X X X X X X X	8
44		X	1
43	X X X	X X X	6
42	X X X	X X	5
41	X X	X X	4
40	X	X	2
39	X X X X X X	X X X X X X	12
38	X X X X X	X X	7
37	X X X X X X X X X	X X X X X	14
36	X X	X X X X	6
35	X X X	X X X X	7
34	X X X X	X X X	7
33	X X X	X X	5
32	X X	X X	4
31	X X	X	3
30		X	1
29	X	X X	3
28	X		1
27			0
26			0
25			0
24	X		1
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/20/2021 TIME: 8:50 AM - 9:06 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, on-street parking

ADJACENT LAND USE: Residential, school

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 20,300 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 8 midblock collisions

ACCIDENT RATE: 1.08 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 42 M.P.H.

50TH %: 36 M.P.H.

15TH %: 32 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 70%

% OVER PACE: 12%

% UNDER PACE: 18%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 8

From 1/1/2019 to 12/31/2020

**Total Collisions: 9
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

NEWLAND ST from TRASK AVE to GARDEN GROVE BLVD

Page 1 of 2

8801285	2/11/2019	08:26	Monday	NEWLAND ST - LARSON AVE	105'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Passing Other Vehicle	Female	Age: 43	2007 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight	Male	Age: 44	2012 FORD		Two Axle Truck	No Injury	
Veh Type: Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8844661	4/2/2019	21:56	Tuesday	NEWLAND ST - GARDEN GROVE BLVD	55'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Making U Turn	Not Sta	Age: 0-			Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight	Male	Age: 21	2015 TOYOTA		Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8901442	6/18/2019	07:58	Tuesday	NEWLAND ST - GARDEN GROVE BLVD	176'	Direction: South	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Pedestrian Violation	21950B	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1 Pedestrian	West	Not Stated	Male	Age: 28	0-		Pedestrian	No Injury	
Veh Type: Pedestrian		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	North	Proceeding Straight	Female	Age: 23	1999 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8897231	6/21/2019	17:27	Friday	NEWLAND ST - GARDEN GROVE BLVD	428'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight	Not Sta	Age: 1999	TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	North	Stopped in Road	Male	Age: 47	2016 HONDA		Passenger Car, Station Wagon, Jeep	Other Visible Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8956858	8/18/2019	20:21	Sunday	NEWLAND ST - CENTRAL AVE	151'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Driving Under Influence	23152A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight	Male	Age: 20	2005 ACURA			No Injury	
Veh Type: Not Stated		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Parked Vehicle	North	Parked	Not Sta	Age: 2013	TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 3 Parked Vehicle	North	Parked	Not Sta	Age: 2014	MITSUBISHI		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 4 Parked Vehicle	North	Parked	Not Sta	Age: 2004	HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		

NEWLAND ST from TRASK AVE to GARDEN GROVE BLVD

9049533	2/16/2020	01:34	Sunday	NEWLAND ST - LARSON AVE	420'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	South	Proceeding Straight	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem		No Injury
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated			
Party 2	Parked Vehicle	South	Parked	Not Sta	Age: 2008 HONDA		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated			
Party 3	Parked Vehicle	South	Parked	Not Sta	Age: 2003 BMW		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated			
9110171	6/7/2020	06:30	Sunday	NEWLAND ST - LARSON AVE	115'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	North	Proceeding Straight	Not Sta	Age: 2015 -		Pickups & Panels		No Injury
	Veh Type: Pickup Truck		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated			
Party 2	Parked Vehicle	North	Parked	Not Sta	Age: 2006 -		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated			
Party 3	Parked Vehicle	North	Parked	Not Sta	Age: 2012 -		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated			
9129034	7/8/2020	21:24	Wednesday	NEWLAND ST - GLORIA AVE	160'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Broadside			Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	West	Backing	Male	Age: 43 2002 -		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Air Bag Not Deployed			
Party 2	Driver	South	Proceeding Straight	Male	Age: 18 2011 -		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed			
9140899	7/31/2020	00:12	Friday	NEWLAND ST - GARDEN GROVE BLVD	252'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Overtuned			Parked Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	South	Other Unsafe Turning	Male	Age: 19 1998 -		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated		Air Bag Not Deployed			
Party 2	Parked Vehicle	South	Parked	Not Sta	Age: 2011 -		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated			
Party 3	Parked Vehicle	South	Parked	Not Sta	Age: 2016 -		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated			
Party 4	Parked Vehicle	South	Parked	Not Sta	Age: 2003 -		Sport Utility Vehicle		No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated			

Segment Length: 0.51 miles (2,667')

Settings for Query:

Segment: NEWLAND ST between TRASK AVE and GARDEN GROVE BLVD

Include Intersection Related at Limit 1 (TRASK AVE): False

Include Intersection Related at Limit 2 (GARDEN GROVE BLVD): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Ninth Street

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45			0
44			0
43			0
42			0
41			0
40	X	X	2
39	X	X	2
38	X X X	X X X X X	8
37	X X X	X	4
36	X X X X X X X	X	8
35	X X X	X X X	6
34	X X X	X X X X	7
33	X	X X X X X	6
32	X X X X X X X X X X X X	X X X X X X	17
31	X X X X X X X X	X X X	10
30	X X	X X X X X X	8
29	X X X X	X X X X X X X X	12
28	X X	X	3
27	X X		2
26		X X X	3
25		X X	2
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/10/2021 TIME: 11:52 AM - 12:13 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Residential, church

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 10,400 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 1.05 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 36 M.P.H.

50TH %: 31 M.P.H.

15TH %: 28 M.P.H.

AVERAGE SPEED: 33 M.P.H.

10 MPH PACE: 29 - 38 M.P.H.

% IN PACE: 86%

% OVER PACE: 4%

% UNDER PACE: 10%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

**Total Collisions: 4
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

9TH ST from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 2

9022774	12/24/2019	17:00	Tuesday	9TH ST - STANFORD AVE (N)	65'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	Not S	Proceeding Straight	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2	Parked Vehicle	North	Parked	Not Sta	Age: 2001 TOYOTA		Mini Van	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
9086392	3/30/2020	20:19	Monday	9TH ST - LAMPSON AVE	273'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On			Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	North	Making Left Turn	Male	Age: 45	2007 FORD	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Driver	South	Proceeding Straight	Male	Age: 60	1994 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 3	Parked Vehicle	South	Parked	Not Sta	Age: 2020 -		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
9151600	9/10/2020	09:19	Thursday	9TH ST - GARDEN GROVE BLVD	390'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	South	Proceeding Straight	Male	Age: 74	2004 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2	Parked Vehicle	South	Parked	Not Sta	Age: 2013 -		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 3	Parked Vehicle	South	Parked	Not Sta	Age: 1994 -		Pickups & Panels	No Injury	
	Veh Type: Pickup Truck		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 4	Parked Vehicle	South	Not Stated	Not Sta	Age: 2014 -		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Stated	Assoc Factor: Not Stated		Not Stated	Not Stated		
9199470	10/5/2020	01:27	Monday	9TH ST - ACACIA PKWY	90'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle	Other		Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	South	Proceeding Straight	Not Sta	Age: 2002 -		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2	Parked Vehicle	Not S	Parked	Not Sta	Age: 2001 -		Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		

Segment Length: 0.49 miles (2,610')

Settings for Query:

Segment: 9TH ST between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Ninth Street

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54	X		1
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45	X	X	2
44	X X		2
43	X	X X	3
42		X	1
41	X X	X	3
40	X X X X	X	5
39	X X X	X X X X X	8
38	X X X X X X X X	X X X X X	13
37	X X X X X	X X	7
36	X X X X	X X X X	8
35	X X X X X	X X X X X X	11
34	X X X X X	X X X	8
33	X	X X	3
32	X X	X X X X X X X	9
31	X	X X X	4
30	X X X	X X X	6
29		X X	2
28	X	X X	3
27			0
26			0
25	X		1
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/10/2021 TIME: 11:21 AM - 11:41 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 9,900 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.55 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 39 M.P.H.

50TH %: 35 M.P.H.

15TH %: 31 M.P.H.

AVERAGE SPEED: 36 M.P.H.

10 MPH PACE: 30 - 39 M.P.H.

% IN PACE: 77%

% OVER PACE: 17%

% UNDER PACE: 6%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

9TH ST from LAMPSON AVE to CHAPMAN AVE

Page 1 of 1

9188843	10/27/2020	21:31	Tuesday	9TH ST - LAMPSON AVE	348'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle	22107	Improper Turning	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	South	Proceeding Straight	Male	Age: 36	1994 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
Party 2	Parked Vehicle	South	Parked	Not Sta	Age:	1996 FORD	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		
9223451	12/18/2020	00:28	Friday	9TH ST - CHAPMAN AVE	556'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	22107	Improper Turning	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	North	Proceeding Straight	Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated	Not Stated	Not Stated		
Party 2	Parked Vehicle	North	Parked	Not Sta	Age:	2011 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		

Segment Length: 0.50 miles (2,627')

Settings for Query:

Segment: 9TH ST between LAMPSON AVE and CHAPMAN AVE

Include Intersection Related at Limit 1 (LAMPSON AVE): False

Include Intersection Related at Limit 2 (CHAPMAN AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Ninth Street

LIMITS: Chapman Ave to Orangewood Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52		X	1
51			0
50	X		1
49		X	1
48	X	X X	3
47	X	X X X X	5
46		X	1
45	X X	X X X X	6
44		X X	2
43	X X	X X X	5
42	X	X X X X	5
41	X X X X X X	X X X	9
40	X X X	X X X	6
39	X X X X X X	X X X X	10
38	X X X X	X X X	7
37	X X X X X X X	X	8
36	X X X X X	X X	7
35	X X	X X X	5
34	X X X X X	X X	7
33	X X X	X X X X	7
32		X	1
31	X	X X	3
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/10/2021 TIME: 10:51 AM - 11:15 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, on-street parking, bike lane

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 7,400 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 7 midblock collisions

ACCIDENT RATE: 2.58 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 44 M.P.H.

50TH %: 38 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 71%

% OVER PACE: 25%

% UNDER PACE: 4%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: High Accident Rate

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): Y

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: 40 M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 7

From 1/1/2019 to 12/31/2020

**Total Collisions: 7
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

9TH ST from CHAPMAN AVE to ORANGEWOOD AVE

Page 1 of 2

8897219	6/24/2019	17:13	Monday	9TH ST - REVA DR	161'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle	22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 21	2003 HONDA	Sport Utility Vehicle		Other Visible Injury
Veh Type: Passenger Car		Sobriety: Not Stated				Assoc Factor: Not Stated	Air Bag Deployed		Not Stated
Party 2 Parked Vehicle	North	Parked		Not Sta	Age:	2006 INFINITI	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable				Assoc Factor: Not Stated	Not Stated		Not Stated
Party 3 Parked Vehicle	North	Parked		Not Sta	Age:	2004 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable				Assoc Factor: Not Stated	Not Stated		Not Stated
8912216	7/20/2019	20:24	Saturday	9TH ST - CHAPMAN AVE	446'	Direction: North	Dusk - Dawn	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Not Sta	Age:	2004 CADILLAC	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno				Assoc Factor: Not Stated	Not Stated		Not Stated
Party 2 Parked Vehicle	Not S	Parked		Not Sta	Age:	2018 KIA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable				Assoc Factor: Not Stated	Not Stated		Not Stated
8979759	9/22/2019	16:49	Sunday	9TH ST - DANIEL AVE	336'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 26	1998 CHEVROLET	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HBD Under Influence				Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated
Party 2 Parked Vehicle	North	Parked		Not Sta	Age:	2005 HONDA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable				Assoc Factor: Not Stated	Not Stated		Not Stated
Party 3 Parked Vehicle	North	Parked		Not Sta	Age:	2014 MERCEDES-BENZ	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable				Assoc Factor: Not Stated	Not Stated		Not Stated
Party 4 Parked Vehicle	North	Parked		Not Sta	Age:	2013 LEXUS	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable				Assoc Factor: Not Stated	Not Stated		Not Stated
8973240	10/9/2019	01:28	Wednesday	9TH ST - REVA DR	100'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle	22107	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 43	2015 MITSUBISHI	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD				Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated
Party 2 Parked Vehicle	North	Parked		Not Sta	Age:	2018 TOYOTA	Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: Not Applicable				Assoc Factor: Not Stated	Not Stated		Not Stated
9022734	12/28/2019	04:26	Saturday	9TH ST - REVA DR	292'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On			Fixed Object	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 23	2016 HONDA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Stated				Assoc Factor: Not Stated	Air Bag Deployed		Not Stated

9TH ST from CHAPMAN AVE to ORANGEWOOD AVE

9109347	5/21/2020	19:58	Thursday	9TH ST - CHAPMAN AVE	655'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Driving Under Influence	23152A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight	Male	Age: 43	2000 -		Mini Van		No Injury
Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated			Air Bag Deployed	Not Stated		
Party 2 Parked Vehicle	North	Parked	Not Sta	Age: 2017 -			Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated		
Party 3 Parked Vehicle	North	Parked	Not Sta	Age: 2008 -			Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated		
Party 4 Parked Vehicle	North	Parked	Not Sta	Age: 2010 -			Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated		
9123462	5/27/2020	06:38	Wednesday	9TH ST - ORANGEWOOD AVE	258'	Direction: South	Daylight	Cloudy	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	Not S	Making U Turn	Not Sta	Age: 2007 -			Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated			Not Stated	Not Stated		
Party 2 Parked Vehicle	North	Parked	Not Sta	Age: 2018 -			Mini Van		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated		

Segment Length: 0.50 miles (2,628')

Settings for Query:

Segment: 9TH ST between CHAPMAN AVE and ORANGEWOOD AVE

Include Intersection Related at Limit 1 (CHAPMAN AVE): False

Include Intersection Related at Limit 2 (ORANGEWOOD AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Nutwood Street

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45			0
44			0
43			0
42		X	1
41			0
40		X	1
39			0
38		X	1
37	X	X X X	4
36	X X	X X X	5
35	X X X X X	X X X	7
34	X X X	X X X X X X X	10
33	X X X X X X X	X X X X X X	13
32	X X	X X X	5
31	X X X	X X X X X X X X	11
30	X X X X X X X	X X X	10
29	X X X X X X	X X X X	10
28	X X X X X X X X X	X X X X X X	15
27	X X X X	X	5
26			0
25	X X		2
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/13/2021 TIME: 11:50 AM - 12:17 PM

STREET CLASIFICATION: Collector

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Industrial, office, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 5,700 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 1.43 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 34 M.P.H.

50TH %: 30 M.P.H.

15TH %: 27 M.P.H.


AVERAGE SPEED: 32 M.P.H.

10 MPH PACE: 27 - 36 M.P.H.

% IN PACE: 91%

% OVER PACE: 7%

% UNDER PACE: 2%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

NUTWOOD ST from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 1

8880335	5/14/2019	06:09	Tuesday	NUTWOOD ST - PARK AVE	75'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Other Object	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Making Right Turn	Male	Age: 24	2000 CHEVROLET	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Stated			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated	
8957202	9/10/2019	05:30	Tuesday	NUTWOOD ST - KENSINGTON LN	175'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Other Unsafe Turning	Male	Age: 50	2020 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 2	Parked Vehicle	South	Parked	Not Sta	Age:	2014 LEXUS	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable			Assoc Factor: Not Stated	Not Stated	Not Stated	
9109691	5/26/2020	20:32	Tuesday	NUTWOOD ST - CLAUSSEN ST	381'	Direction: South	Daylight	Clear	Pty at Fault:1
	Head-On		Parked Motor Vehicle	Wrong Side of Road	21650	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Male	Age: 38	1999 -	Passenger Car, Station Wagon, Jeep	Other Visible Injury	
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated	
Party 2	Parked Vehicle	North	Not Stated	Not Sta	Age:	2010 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Stated			Assoc Factor: Not Stated	Not Stated	Not Stated	
Party 3	Parked Vehicle	North	Not Stated	Not Sta	Age:	2010 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Stated			Assoc Factor: Not Stated	Not Stated	Not Stated	
Party 4	Parked Vehicle	North	Not Stated	Not Sta	Age:	2017 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Stated			Assoc Factor: Not Stated	Not Stated	Not Stated	

Segment Length: 0.50 miles (2,635')

Settings for Query:

Segment: NUTWOOD ST between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Nutwood Street

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50		X	1
49			0
48			0
47			0
46			0
45			0
44			0
43			0
42			0
41	X		1
40	X X		2
39	X X X	X X X X	7
38		X X	2
37	X X X X X X X		6
36	X X	X	3
35	X X X X X	X X X X	8
34	X X X X X	X	6
33	X	X X X X X	6
32	X X	X X X	5
31	X X X	X X X X X X X X X X X	13
30	X X X X X X X	X X X X X X X X	13
29	X X X X	X X X X	8
28	X X X X	X X X	7
27	X X X	X	4
26	X X		2
25	X	X X	3
24	X	X	2
23		X	1
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/13/2021 TIME: 12:22 -PM 12:44 PM

STREET CLASIFICATION: Collector

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Residential, place of worship

ROADWAY CONDITIONS: Fair

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 5,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 1.00 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 36 M.P.H.

50TH %: 30 M.P.H.

15TH %: 27 M.P.H.

AVERAGE SPEED: 32 M.P.H.

10 MPH PACE: 28 - 37 M.P.H.

% IN PACE: 75%

% OVER PACE: 13%

% UNDER PACE: 12%

REGISTERED PROFESSIONAL ENGINEER

RUBEN PERALES

RP

No. 83169

STATE OF CALIFORNIA

TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

NUTWOOD ST from LAMPSON AVE to CHAPMAN AVE

Page 1 of 1

8950645	8/24/2019	16:00	Saturday	NUTWOOD ST - CHAPMAN AVE	83'	Direction: South	Daylight	Clear	Pty at Fault:2
	Sideswipe			Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Parked Vehicle	North	Parked	Not Sta	Age: 2013 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		
Party 2	Driver	North	Making Right Turn	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		
9094892	5/2/2020	22:31	Saturday	NUTWOOD ST - ALLEN DR (N)	303'	Direction: North	Dark - No Street	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 30 2002 FORD		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Parked Vehicle	North	Parked	Not Sta	Age: 2013 VOLKSWAGEN		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		
Party 3	Parked Vehicle	North	Parked	Not Sta	Age: 2017 -		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		
9199463	10/23/2020	15:30	Friday	NUTWOOD ST - CHAPMAN AVE	275'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	Not S	Proceeding Straight	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated	Not Stated	Not Stated		
Party 2	Parked Vehicle	South	Parked	Not Sta	Age: 2008 MINI		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		

Segment Length: 0.50 miles (2,635')

Settings for Query:

Segment: NUTWOOD ST between LAMPSON AVE and CHAPMAN AVE

Include Intersection Related at Limit 1 (LAMPSON AVE): False

Include Intersection Related at Limit 2 (CHAPMAN AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Springdale Street

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53	X	X	2
52			0
51		X	1
50	X	X	2
49		X X	2
48	X X	X X	4
47	X	X	2
46	X X X	X X	5
45	X X X	X	4
44	X X	X X X X	6
43	X X	X X X X X X	8
42	X X X X X	X	6
41	X X	X X X	5
40	X X X	X X X X X	8
39	X X X X X X	X X X X	10
38	X X X	X X X X X X X X X X	14
37	X X X	X X X	6
36	X X X X X	X	6
35	X X X	X	4
34	X X X		3
33	X X		2
32			0
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/20/2021 TIME: 9:26 AM - 9:47 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, left-turn channelization

ADJACENT LAND USE: Residential, school

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 5,400 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 45 M.P.H.

50TH %: 39 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 36 - 45 M.P.H.

% IN PACE: 73%

% OVER PACE: 18%

% UNDER PACE: 9%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Adjacent to Schools, Continuity of Speed

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): Y

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: 40 M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 0
Injury Collisions: 0
Fatal Collisions: 0

Collision Summary Report

10/26/21

SPRINGDALE ST from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 1

Segment Length: 0.50 miles (2,635')

Settings for Query:

Segment: SPRINGDALE ST between GARDEN GROVE BLVD and LAMPSON AVE
Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False
Include Intersection Related at Limit 2 (LAMPSON AVE): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Springdale Street

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57		X	1
56	X		1
55			0
54			0
53			0
52	X		1
51			0
50			0
49	X	X X	3
48		X	1
47	X X X	X	4
46	X X X	X X	5
45	X	X X X X X	6
44	X X X X	X X X X X	9
43	X X X	X X X X X	8
42	X X X X X X X X X X	X	11
41	X X X X X	X X X	8
40	X X	X X X X X X X X	9
39	X X X X X X X	X X X	9
38	X X X X	X X X X	8
37	X X X	X X X X	7
36		X X X	3
35	X		1
34	X	X	2
33		X	1
32		X	1
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			99

DATE: 9/20/2021 TIME: 9:51 AM - 10:10 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, left-turn channelization, on-street parking

ADJACENT LAND USE: Residential, school

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 7,100 vehicles SEGMENT LENGTH: 0.51 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 45 M.P.H.

50TH %: 41 M.P.H.

15TH %: 37 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 81%

% OVER PACE: 11%

% UNDER PACE: 8%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: No Left Turn Channelization, On-Street Parking, Continuity of Speed

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): Y

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: 40 M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 0
Injury Collisions: 0
Fatal Collisions: 0

Collision Summary Report

10/26/21

SPRINGDALE ST from LAMPSON AVE to CHAPMAN AVE

Page 1 of 1

Segment Length: 0.51 miles (2,681')

Settings for Query:

Segment: SPRINGDALE ST between LAMPSON AVE and CHAPMAN AVE
Include Intersection Related at Limit 1 (LAMPSON AVE): False
Include Intersection Related at Limit 2 (CHAPMAN AVE): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Springdale Street

LIMITS: Chapman Ave to Santa Catalina Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52	X		1
51			0
50			0
49	X X X		3
48	X		1
47	X		1
46	X X		2
45	X X		2
44	X X X X X X X X	X X	9
43	X X X X	X X	6
42	X X X X X X	X X X X	10
41	X X X X X X	X X X	9
40	X X X	X X X X	7
39	X X X	X X X X X X	9
38	X X	X X X X X X X X	10
37	X	X X X X X X X X X X	11
36	X	X X X X X	6
35	X X	X X	4
34	X X X	X	4
33		X	1
32		X X	2
31	X X		2
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/16/2021 TIME: 1:20 PM - 1:44 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, left-turn channelization

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 5,900 vehicles SEGMENT LENGTH: 0.23 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 43 M.P.H.

50TH %: 39 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 81%

% OVER PACE: 10%

% UNDER PACE: 9%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

SPRINGDALE ST from CHAPMAN AVE to SANTA BARBARA AVE

Page 1 of 1

9105371	6/9/2020	14:20	Tuesday	SPRINGDALE ST - CHAPMAN AVE	57'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0

Party 1 Driver	North	Passing Other Vehicle	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated	
Party 2 Driver	North	Proceeding Straight	Female	Age: 67	2013 -	Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	

Segment Length: 0.18 miles (928')

Settings for Query:

Segment: SPRINGDALE ST between CHAPMAN AVE and SANTA BARBARA AVE

Include Intersection Related at Limit 1 (CHAPMAN AVE): False

Include Intersection Related at Limit 2 (SANTA BARBARA AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Taft Street

LIMITS: Westminster Ave to Trask Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50	X		1
49			0
48			0
47			0
46			0
45	X	X	2
44			0
43		X X X	3
42	X X X	X	4
41	X	X	2
40	X X	X X X X	6
39	X	X	2
38	X	X X X X X	6
37	X X X X X	X X X	7
36	X X X X X X	X X X X X	10
35	X	X X X X X X	7
34	X X X	X X	5
33	X X	X X X X X X	8
32	X X X X X	X X X X X X X	11
31	X X X X X X X	X X X X X	11
30	X	X X	3
29	X X X X X X X	X X	8
28		X	1
27	X X X		3
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/20/2021 TIME: 11:07 AM - 11:31 AM

STREET CLASSIFICATION: Collector

ROADWAY DESCRIPTION: One lane each direction, yellow centerline, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 9,900 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.55 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 39 M.P.H.

50TH %: 34 M.P.H.

15TH %: 30 M.P.H.


AVERAGE SPEED: 35 M.P.H.

10 MPH PACE: 29 - 38 M.P.H.

% IN PACE: 76%

% OVER PACE: 20%

% UNDER PACE: 4%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

TAFT ST from WESTMINSTER AVE to TRASK AVE

Page 1 of 1

8897207	6/5/2019	16:22	Wednesday	TAFT ST - RANNEY AVE	91'	Direction: North	Daylight	Clear	Pty at Fault:1
	Broadside		Bicycle	Improper Turning	22107	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1	Bicyclist	North	Making Left Turn	Male	Age: 46	0 -	Bicycle		Severe Injury
	Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated	Not Stated	Not Stated		
Party 2	Driver	North	Proceeding Straight	Male	Age: 49	2002 TOYOTA	Mini Van		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
9010088	11/28/2019	02:24	Thursday	TAFT ST - MALLARD DR	54'	Direction: South	Dark - Street Ligh	Raining	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Male	Age: 26	2007 CHEVROLET	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Parked Vehicle	Not S	Parked	Not Sta	Age:	1996 HONDA	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated	Not Stated	Not Stated		

Segment Length: 0.50 miles (2,624')

Settings for Query:

Segment: TAFT ST between WESTMINSTER AVE and TRASK AVE

Include Intersection Related at Limit 1 (WESTMINSTER AVE): False

Include Intersection Related at Limit 2 (TRASK AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Taft Street

LIMITS: Trask Ave to Century Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45			0
44			0
43		X	1
42			0
41		X	1
40			0
39		X	1
38	X	X	2
37	X X X		3
36	X X		3
35	X X X X X X X X	X X X X	11
34	X X X X	X	5
33	X X X X X X X X	X X	9
32	X X X X X X X X	X X X X	11
31	X X X X	X X X X	8
30	X X X X X X X X X	X X X X	12
29	X X X	X X	5
28	X X	X X	4
27	X X X X	X X X X	8
26	X X X	X	4
25	X X	X X X X X	7
24	X X		2
23		X	1
22	X		1
21			0
20		X	1
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/20/2021 TIME: 11:39 AM - 12:03 PM

STREET CLASIFICATION: Collector

ROADWAY DESCRIPTION: One lane each direction, yellow centerline, left-turn channelization, on-street parking

ADJACENT LAND USE: Residential, school, place of worship

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 8,100 vehicles SEGMENT LENGTH: 0.35 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 34 M.P.H.

50TH %: 30 M.P.H.

15TH %: 26 M.P.H.


AVERAGE SPEED: 31 M.P.H.

10 MPH PACE: 26 - 35 M.P.H.

% IN PACE: 77%

% OVER PACE: 11%

% UNDER PACE: 12%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 0

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

TAFT ST from TRASK AVE to CENTURY BLVD

Page 1 of 1

Segment Length: 0.35 miles (1,834')

Settings for Query:

Segment: TAFT ST between TRASK AVE and CENTURY BLVD

Include Intersection Related at Limit 1 (TRASK AVE): False

Include Intersection Related at Limit 2 (CENTURY BLVD): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Ward Street

LIMITS: Hazard Ave to Morningside Dr

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46	X		1
45		X	1
44			0
43			0
42	X X	X	3
41	X X	X	3
40	X X		2
39	X X X	X	4
38	X X X	X X X X X	9
37	X X X X	X X X X	8
36	X X X X	X X X X	9
35	X X X X	X X X X	8
34	X X X X X X	X X X X X X X X	14
33	X X X	X X X X X X	9
32	X X X X X	X X X X	9
31	X X X X	X	5
30	X X	X X X X X	7
29	X X X	X	4
28		X X	2
27	X		1
26			0
25			0
24	X		1
23		X	1
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			101

DATE: 9/20/2021 TIME: 10:33 AM - 11:01 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, two-way left-turn lane, bike lane, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 7,500 vehicles SEGMENT LENGTH: 0.28 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.64 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 37 M.P.H.

50TH %: 33 M.P.H.

15TH %: 30 M.P.H.


AVERAGE SPEED: 35 M.P.H.

10 MPH PACE: 30 - 39 M.P.H.

% IN PACE: 81%

% OVER PACE: 10%

% UNDER PACE: 9%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

WARD ST from HAZARD AVE to MORNINGSIDE DR

Page 1 of 1

8851832	3/19/2019	18:13	Tuesday	WARD ST - HAZARD AVE	83'	Direction: North	Dusk - Dawn	Cloudy	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Other Unsafe Turning		Not Sta	Age: 2004 LINCOLN	Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car	Sobriety: Impairment Not Kno		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
8863428	5/3/2019	13:54	Friday	WARD ST - JENNRICH AVE	441'	Direction: South	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	North	Entering Traffic		Female	Age: 44	2000 LEXUS		Passenger Car, Station Wagon, Jeep	
Veh Type: Passenger Car	Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		Other Visible Injury
Party 2 Driver	North	Proceeding Straight		Female	Age: 69	2016 BMW		Sport Utility Vehicle	
Veh Type: Passenger Car	Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		No Injury

Segment Length: 0.28 miles (1,494')

Settings for Query:

Segment: WARD ST between HAZARD AVE and MORNINGSIDE DR
Include Intersection Related at Limit 1 (HAZARD AVE): False
Include Intersection Related at Limit 2 (MORNINGSIDE DR): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: West Street

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58	X		1
57			0
56			0
55	X	X	2
54			0
53		X	1
52		X	1
51			0
50		X X X	3
49	X	X	2
48	X	X	2
47	X X X X	X X	6
46	X X X	X X X	6
45	X X X X	X X X	7
44	X X X		3
43		X X	2
42	X X X X X X X X X X	X X X	13
41	X X	X X X X	6
40	X X X	X X X X X X	9
39	X X	X X X X X	7
38	X X X X	X	5
37	X	X X X	4
36	X X X X	X X X X X X	10
35	X X X X	X	5
34			0
33		X X	2
32		X	1
31	X		1
30			0
29			0
28			0
27	X		1
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/10/2021 TIME: 12:33 PM - 12:38 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, left-turn channelization, on-street parking

ADJACENT LAND USE: Residential, office

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 13,300 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 0.82 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 46 M.P.H.

50TH %: 41 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 36 - 45 M.P.H.

% IN PACE: 66%

% OVER PACE: 24%

% UNDER PACE: 10%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, No Left Turn Channelization, Multiple Driveways

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): Y

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: 40 M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

Total Collisions: 4

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

10/26/21

WEST ST from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 2

9015228	11/30/2019	02:53	Saturday	WEST ST - COLLEGE AVE	85'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Female	Age: 41	2014 KIA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Violation		Air Bag Deployed	Not Stated		
Party 2	Parked Vehicle	South	Parked	Not Sta	Age:	2002 TOYOTA	Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 3	Parked Vehicle	South	Parked	Not Sta	Age:	2003 FORD	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 4	Parked Vehicle	West	Not Stated	Not Sta	Age:	2017 NISSAN	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Stated	Assoc Factor: Not Stated		Not Stated	Not Stated		
9062768	2/28/2020	18:59	Friday	WEST ST - GARDEN GROVE BLVD	228'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 32	2018 NISSAN	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Driver	North	Proceeding Straight	Male	Age: 37	2014 FORD	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9101345	4/26/2020	01:57	Sunday	WEST ST - LAMPSON AVE	309'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Male	Age: 29	2014 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2	Parked Vehicle	South	Parked	Not Sta	Age:	1994 FORD	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 3	Parked Vehicle	South	Parked	Not Sta	Age:	2006 -	Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 4	Parked Vehicle	North	Parked	Not Sta	Age:	1995 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
9166863	9/26/2020	20:05	Saturday	WEST ST - ACACIA AVE	130'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 62	1996 FORD	All Terrain Vehicle	No Injury	
	Veh Type: Motorcycle		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2	Driver	North	Stopped in Road	Female	Age: 25	2015 -	Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.50 miles (2,617')

Settings for Query:

Segment: WEST ST between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: West Street

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54		X	1
53			0
52			0
51	X X X		3
50			0
49	X X	X	3
48	X X X	X X	5
47		X	1
46	X X X X	X X	6
45	X	X X X	4
44	X	X X	3
43	X X	X X	4
42	X X X X X	X X X	8
41	X X X	X X X X X X X	10
40	X X X	X X X X	7
39	X X X	X X X X X	8
38	X X X X X X X	X X	9
37	X X X	X X X X X	8
36	X X X X	X X X X	8
35	X	X X	3
34	X X X	X X	5
33	X	X	2
32		X	1
31			0
30			0
29	X		1
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/10/2021 TIME: 12:53 PM - 1:13 PM

STREET CLASSIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, left-turn channelization, on-street parking

ADJACENT LAND USE: Retail/commercial, residential, city services (fire department), school

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 12,200 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 5 midblock collisions

ACCIDENT RATE: 1.12 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 45 M.P.H.

50TH %: 39 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 70%

% OVER PACE: 26%

% UNDER PACE: 4%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, No Left Turn Channelization, Multiple Driveways, Uncontrolled Crosswalk

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): Y

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: 40 M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 5

From 1/1/2019 to 12/31/2020

**Total Collisions: 6
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

WEST ST from LAMPSON AVE to CHAPMAN AVE

Page 1 of 2

8830467	2/8/2019	16:44	Friday	WEST ST - CHAPMAN AVE	75'	Direction: South	Dusk - Dawn	Clear	Pty at Fault:2
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Stopped in Road	Female	Age: 21	2012 VOLKSWAGEN		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	Not S	Proceeding Straight	Not Sta	Age:	2006 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
8834728	3/20/2019	14:21	Wednesday	WEST ST - SHETLAND RD	205'	Direction: North	Daylight	Cloudy	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 4	# Killed: 0
Party 1 Driver	South	Proceeding Straight	Female	Age: 35	2017 FORD		Mini Van	Complaint of Pain	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Slowing/Stopping	Male	Age: 20	2014 DODGE		Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8956874	8/31/2019	22:53	Saturday	WEST ST - SHETLAND RD	154'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Changing Lanes	Male	Age: 19	2008 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight	Male	Age: 30	2019 MAZDA		Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Driver	South	Proceeding Straight	Male	Age: 45	2019 CHEVROLET		Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8949868	9/4/2019	07:14	Wednesday	WEST ST - JOHN AVE	230'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Motor Vehicle on Othe	Wrong Side of Road	21650	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Crossed Into Opposing Lane	Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	North	Parked	Not Sta	Age:	1971 CHEVROLET		Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 3 Parked Vehicle	North	Parked	Not Sta	Age:	1987 CHEVROLET		Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
9010147	11/28/2019	01:13	Thursday	WEST ST - LAMPSON AVE	300'	Direction: North	Dark - Street Ligh	Raining	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight	Not Sta	Age:	2015 NISSAN		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		In Vehicle Not Used	Not Stated		
Party 2 Parked Vehicle	North	Parked	Not Sta	Age:	2016 DODGE		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		

WEST ST from LAMPSON AVE to CHAPMAN AVE

9045626	12/26/2019	11:43	Thursday	WEST ST - SHETLAND RD	130'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	South	Making U Turn		Male	Age: 25	2017 MITSUBISHI	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight		Female	Age: 34	2015 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		

Segment Length: 0.49 miles (2,613')**Settings for Query:****Segment: WEST ST between LAMPSON AVE and CHAPMAN AVE****Include Intersection Related at Limit 1 (LAMPSON AVE): False****Include Intersection Related at Limit 2 (CHAPMAN AVE): False****Include Intersection Related at Intermediate Intersections: False****Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: West Street

LIMITS: Chapman Ave to Orangewood Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59	X		1
58			0
57			0
56			0
55			0
54			0
53	X		1
52			0
51		X	1
50	X	X	2
49	X	X	2
48	X	X X	3
47	X	X	2
46	X X	X	3
45		X	1
44	X X X X	X X	6
43	X X X	X X	5
42		X	1
41	X X X X	X X X X	8
40	X X X	X X	5
39	X X	X X X X X X X	9
38	X X X X	X X X X X X	10
37	X X X X	X X	6
36	X X X X X X	X X X	9
35	X X X	X X X	6
34	X X X X	X X X	7
33	X X X	X X X	6
32		X X	2
31	X		1
30	X	X	2
29		X	1
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/10/2021 TIME: 1:25 PM - 1:43 PM

STREET CLASSIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, left-turn channelization, on-street parking

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 14,400 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.19 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 45 M.P.H.

50TH %: 38 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 32 - 41 M.P.H.

% IN PACE: 68%

% OVER PACE: 28%

% UNDER PACE: 4%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, Multiple Driveways, No Left Turn Channelization, Continuity of Speed

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): Y

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: 40 M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

WEST ST from CHAPMAN AVE to ORANGEWOOD AVE

Page 1 of 1

8950580	8/30/2019	02:46	Friday	WEST ST - REVA DR	117'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Vehicle - Pedestrian	Parked Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0	

Party 1 Driver	North	Proceeding Straight	Female	Age: 21	2011 SCION	Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car	Sobriety: HBD Under Influence	Assoc Factor: Not Stated	Air Bag Deployed	Not Stated			
Party 2 Parked Vehicle	Not S	Parked	Not Sta	Age:	2005 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car	Sobriety: Not Applicable	Assoc Factor: Not Stated	Not Stated				

Segment Length: 0.50 miles (2,635')

Settings for Query:

Segment: WEST ST between CHAPMAN AVE and ORANGEWOOD AVE

Include Intersection Related at Limit 1 (CHAPMAN AVE): False

Include Intersection Related at Limit 2 (ORANGEWOOD AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: West Street

LIMITS: Orangewood St to Ricky Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60		X	1
59			0
58			0
57			0
56			0
55			0
54			0
53		X	1
52			0
51		X X	2
50			0
49			0
48	X	X	2
47		X X X	3
46		X X X	3
45	X X	X X X X	6
44	X X	X X X	5
43	X	X X X X X X X	8
42	X X X X X X X	X	7
41	X X	X X X X X	7
40	X X X X X X X X	X X X X X X X X	14
39	X X X	X X X X X	8
38	X X X X X X X	X X	8
37	X X X X X	X X	6
36	X X X X X X	X X	7
35	X X	X	3
34	X X		2
33	X		1
32	X		1
31	X X		2
30	X		1
29	X		1
28			0
27	X		1
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/10/2021 TIME: 1:54 PM - 2:11 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, left-turn channelization, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 12,600 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 39 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 36 - 45 M.P.H.

% IN PACE: 76%

% OVER PACE: 12%

% UNDER PACE: 12%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 0
Injury Collisions: 0
Fatal Collisions: 0

Collision Summary Report

10/26/21

WEST ST from ORANGEWOOD AVE to RICKY AVE

Page 1 of 1

Segment Length: 0.16 miles (845')

Settings for Query:

Segment: WEST ST between ORANGEWOOD AVE and RICKY AVE
Include Intersection Related at Limit 1 (ORANGEWOOD AVE): False
Include Intersection Related at Limit 2 (RICKY AVE): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Western Avenue

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54	X		1
53		X	1
52		X	1
51		X	1
50	X	X	2
49	X X	X	3
48	X	X	2
47	X X	X X X X	7
46	X X	X X X	5
45	X X X	X	4
44	X X X	X X X	6
43	X X	X	3
42	X X X X X X X	X X	9
41	X X	X X X	5
40	X X X X X X X X	X X X X X X X X	14
39	X X X X X X X X	X X X	10
38	X X	X X	4
37	X	X X X	4
36	X	X X X X	5
35	X X	X	3
34	X X	X	3
33			0
32	X	X X X	4
31	X	X	2
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
	GRAND TOTALS		99

DATE: 9/9/2021 TIME: 10:35 AM - 10:55 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, left-turn channelization

ADJACENT LAND USE: Retail/commercial/industrial, office park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 17,100 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 0.64 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 46 M.P.H.

50TH %: 40 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 38 - 47 M.P.H.

% IN PACE: 68%

% OVER PACE: 11%

% UNDER PACE: 21%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

Total Collisions: 4

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

10/26/21

WESTERN AVE from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 2

8824206	3/7/2019	08:06	Thursday	WESTERN AVE - GARDEN GROVE BLVD			1109'	Direction: North	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed			22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Male	Age: 60	2001 MACK		Other Commercial		No Injury	
	Veh Type: Other Bus		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
8991941	10/18/2019	21:12	Friday	WESTERN AVE - EAGLE DR			100'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Driving Under Influence			23152A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	West	Entering Traffic	Male	Age: 36	2002 CHEVROLET				Complaint of Pain	
	Veh Type: Not Stated		Sobriety: HBD Under Influence	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 2	Driver	North	Proceeding Straight	Female	Age: 37	2012 DODGE		Sport Utility Vehicle		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 3	Parked Vehicle	North	Parked	Not Sta	Age:	2000 CHEVROLET		Mini Van		No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
9031277	1/6/2020	17:23	Monday	WESTERN AVE - GARDEN GROVE BLVD			300'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Proceeding Straight	Male	Age: 45	2007 NISSAN		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 2	Driver	South	Stopped in Road	Male	Age: 16	2015 CHEVROLET		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 3	Driver	South	Stopped in Road	Male	Age: 32	2009 SUBARU		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
9061769	1/31/2020	13:32	Friday	WESTERN AVE - GARDEN GROVE BLVD			360'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Auto R/W Violation			21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Making Left Turn	Female	Age: 47	1996 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
Party 2	Driver	North	Proceeding Straight	Male	Age: 25	2005 FORD		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			

Segment Length: 0.51 miles (2,671')

Settings for Query:

Segment: WESTERN AVE between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Western Avenue

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55		X	1
54	X X X		3
53			0
52			0
51		X X	2
50	X X		2
49	X X	X	3
48	X	X	2
47		X X X	3
46	X	X	2
45	X	X X X X	5
44	X X	X X	4
43	X X X X	X X	6
42	X X X X X	X X X X X	10
41	X X X	X	4
40	X X X X X X X	X X X X X	12
39	X X X X X	X X X	8
38	X X X X	X X X X X	9
37	X X X	X X X	6
36	X X	X X	4
35	X X	X X X	5
34	X X	X X X	5
33		X	1
32	X	X	2
31		X	1
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/9/2021 TIME: 10:57 AM - 11:18 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, left-turn channelization, on-street parking

ADJACENT LAND USE: Commercial/industrial, office park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 15,200 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.18 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 46 M.P.H.

50TH %: 39 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 69%

% OVER PACE: 27%

% UNDER PACE: 4%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

WESTERN AVE from LAMPSON AVE to CHAPMAN AVE

Page 1 of 1

8851820	3/18/2019	18:38	Monday	WESTERN AVE - ANACONDA AVE	455'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Unsafe Starting or Backing	22106	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0

Party 1 Driver	South	Backing		Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated	
Party 2 Parked Vehicle	North	Parked		Not Sta	Age: 2013 SCION		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated	

Segment Length: 0.50 miles (2,645')

Settings for Query:

Segment: WESTERN AVE between LAMPSON AVE and CHAPMAN AVE

Include Intersection Related at Limit 1 (LAMPSON AVE): False

Include Intersection Related at Limit 2 (CHAPMAN AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Western Avenue

LIMITS: Chapman Ave to Orangewood Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62		X	1
61			0
60			0
59			0
58	X		1
57		X	1
56			0
55	X	X	2
54	X		1
53			0
52	X	X	2
51		X X	2
50	X X	X X	4
49	X		1
48	X	X	2
47	X X	X X X	5
46	X X X X X	X X	7
45	X	X X X X X X	7
44	X X X X X	X X X	8
43	X X X X X		5
42	X X X X X	X X X X	9
41	X X X X	X X X X X	9
40	X X	X X	4
39	X X X X	X X X X X	9
38	X	X X X X	5
37	X X		2
36	X X	X	3
35	X	X X X X	5
34		X	1
33		X	1
32	X X		2
31	X		1
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/9/2021 TIME: 11:23 AM - 11:38 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, left-turn channelization

ADJACENT LAND USE: Retail/commercial/industrial, office park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 19,000 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.43 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 48 M.P.H.

50TH %: 42 M.P.H.

15TH %: 37 M.P.H.


AVERAGE SPEED: 43 M.P.H.

10 MPH PACE: 38 - 47 M.P.H.

% IN PACE: 68%

% OVER PACE: 17%

% UNDER PACE: 15%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

WESTERN AVE from CHAPMAN AVE to ORANGEWOOD AVE

Page 1 of 1

8840265	4/4/2019	23:48	Thursday	WESTERN AVE - CHAPMAN AVE		600'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change		21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Changing Lanes	Not Sta	Age: 0-			Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated			Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2	Driver	South	Proceeding Straight	Female	Age: 24	2018 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8950018	8/23/2019	12:06	Friday	WESTERN AVE - SANTA RITA CIR		164'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 44	2018 HARLEY-DAVIDS		Motorcycle	No Injury	
Veh Type: Motorcycle			Sobriety: HNBD	Assoc Factor: Not Stated		Not Required		Not Stated		
Party 2	Driver	North	Proceeding Straight	Male	Age: 49	2014 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9064963	2/19/2020	07:34	Wednesday	WESTERN AVE - CHAPMAN AVE		166'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Changing Lanes	Not Sta	Age: 0-			Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated			Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2	Driver	South	Proceeding Straight	Female	Age: 52	2009 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		

Segment Length: 0.50 miles (2,642')

Settings for Query:

Segment: WESTERN AVE between CHAPMAN AVE and ORANGEWOOD AVE

Include Intersection Related at Limit 1 (CHAPMAN AVE): False

Include Intersection Related at Limit 2 (ORANGEWOOD AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Western Avenue

LIMITS: Orangewood Ave to Lincoln Way

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63	X		1
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55	X		1
54			0
53	X		1
52		X	1
51	X	X X	3
50	X		1
49	X	X X X	4
48		X X	2
47		X X X X	4
46	X X X	X X X X X X X	10
45	X X X X X	X X	7
44	X X X		3
43	X X X X X X X	X X X X	11
42	X X	X X X X	6
41	X X X	X X	5
40	X X X X	X	5
39	X X X X X X X X	X X X X X	13
38	X	X X X	4
37	X X	X X	4
36	X X X X	X X X	7
35	X	X	2
34	X	X X X	4
33		X	1
32			0
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/9/2021 TIME: 11:45 AM - 12:03 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, left-turn channelization

ADJACENT LAND USE: Retail/commercial/industrial, office park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 20,400 vehicles SEGMENT LENGTH: 0.19 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 47 M.P.H.

50TH %: 42 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 38 - 47 M.P.H.

% IN PACE: 68%

% OVER PACE: 14%

% UNDER PACE: 18%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Continuity of Speed, 40 mph in Anaheim

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 0
Injury Collisions: 0
Fatal Collisions: 0

Collision Summary Report

10/26/21

WESTERN AVE from ORANGEWOOD AVE to LINCOLN WAY

Page 1 of 1

Segment Length: 0.19 miles (987')

Settings for Query:

Segment: WESTERN AVE between ORANGEWOOD AVE and LINCOLN WAY
Include Intersection Related at Limit 1 (ORANGEWOOD AVE): False
Include Intersection Related at Limit 2 (LINCOLN WAY): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Valley View Street

LIMITS: Garden Grove Blvd to Lampson Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64	X		1
63			0
62	X		1
61			0
60			0
59			0
58	X		1
57	X	X	2
56	X X	X	3
55	X	X	2
54		X X	2
53	X X		2
52	X X		2
51	X X X X	X	5
50	X X X X X	X X	7
49	X X X X	X X X	7
48	X X X X X X X X X	X X X	12
47	X X	X X X	5
46	X X X X X	X X X X X X X X	13
45	X X X X X X	X X X X X X	12
44	X X X X X X X X	X X X X X X X X	16
43	X X X X X X	X X X X X X X X X X X X X X	20
42	X X X X X X X X X X	X X X X X X X X	18
41	X X X X X X X X X X X X X X	X X X X X X X X	21
40	X X X X X	X X X X X X X X X	14
39	X X X X	X X X X X X X X	12
38	X X X	X X	5
37	X X X	X X X X X X	9
36	X	X X	3
35	X	X X X X	5
34			0
33			0
32			0
31		X	1
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			201

DATE: 9/16/2021 TIME: 10:18 AM - 10:43 AM

STREET CLASSIFICATION: Major Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Striped/raised median, Left-turn channelization

ADJACENT LAND USE: Residential, Office Park

ROADWAY CONDITIONS: Good

WEATHER: Very Light Clouds

AVERAGE DAILY TRAFFIC: 46,500 vehicles SEGMENT LENGTH: 0.76 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 6 midblock collisions

ACCIDENT RATE: 0.23 acc/mvm EXPECTED RATE: 0.8 acc/mvm

85TH %: 48 M.P.H.

50TH %: 42 M.P.H.

15TH %: 38 M.P.H.

AVERAGE SPEED: 44 M.P.H.

10 MPH PACE: 39 - 48 M.P.H.

% IN PACE: 71%

% OVER PACE: 17%

% UNDER PACE: 11%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 6

From 1/1/2019 to 12/31/2020

**Total Collisions: 7
Injury Collisions: 3
Fatal Collisions: 0**

Collision Summary Report

10/26/21

VALLEY VIEW ST from GARDEN GROVE BLVD to LAMPSON AVE

Page 1 of 2

8844673	4/2/2019	22:01	Tuesday	VALLEY VIEW ST - CERULEAN AVE	190'	Direction: North	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Making Right Turn		Male	Age: 34	2019 FREIGHTLINER	Truck Tractor		No Injury
Veh Type: Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8888988	6/10/2019	23:19	Monday	VALLEY VIEW ST - LAMPSON AVE	123'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 56	2017 YAMAHA	Motorcycle		Other Visible Injury
Veh Type: Motorcycle		Sobriety: HBD Not Under Infl		Assoc Factor: Not Stated		Not Required	Not Stated		
Party 2 Driver	South	Changing Lanes		Female	Age: 28	2016 JEEP	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8913599	7/5/2019	13:01	Friday	VALLEY VIEW ST - TIFFANY AVE	277'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight		Male	Age: 84	2017 JEEP	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	South	Stopped in Road		Female	Age: 38	2017 HONDA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Driver	South	Stopped in Road		Female	Age: 45	2010 CHEVROLET	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8970905	7/22/2019	11:31	Monday	VALLEY VIEW ST - CERULEAN AVE	250'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Making Left Turn		Male	Age: 24	2018 NISSAN	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight		Male	Age: 71	2012 NISSAN	Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8993701	10/30/2019	07:52	Wednesday	VALLEY VIEW ST - LAMPSON AVE	545'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misd	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 43	1996 MERCEDES-BENZ	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	North	Stopped in Road		Female	Age: 63	2011 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Driver	North	Stopped in Road		Female	Age: 47	2011 TOYOTA	Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

VALLEY VIEW ST from GARDEN GROVE BLVD to LAMPSON AVE

9151611	7/29/2020	23:21	Wednesday	VALLEY VIEW ST - LAMPSON AVE	504'	Direction: South	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	East	Making Left Turn	Female	Age: 85	2002 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	North	Proceeding Straight	Male	Age: 58	2004 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9166859	9/21/2020	14:13	Monday	VALLEY VIEW ST - TIFFANY AVE	80'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Changing Lanes	Male	Age: 38	2003 FORD		Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight	Female	Age: 52	2018 -		Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.75 miles (3,978')

Settings for Query:

Segment: VALLEY VIEW ST between GARDEN GROVE BLVD and LAMPSON AVE

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (LAMPSON AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Valley View Street

LIMITS: Lampson Ave to Chapman Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57	X	X	2
56			0
55	X	X	2
54	X X		2
53		X X	2
52	X X		2
51	X X X	X	4
50	X X X	X X	5
49	X X X X	X X X	7
48	X X X	X X	5
47	X X X	X X	5
46	X X X X X X X	X X X X X X	13
45	X X X X	X X X X X	9
44	X X X X X X X X	X X X X X X X X	16
43	X X X X X X	X X X X X X X X X X X	18
42	X X X X X X X X X X	X X X X X X X X X X	19
41	X X X X X X	X X X X X X X	13
40	X X X X X X X X	X X X X X X X X X	17
39	X X X X X X X X X X	X X X X X X X X	18
38	X X X X X	X X X	8
37	X X X	X X X X X X	9
36	X X	X X X X X	7
35	X X		2
34	X X	X X X X	6
33	X X	X X	4
32	X X	X X	4
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			199

DATE: 9/16/2021 TIME: 11:16 AM - 11:36 AM

STREET CLASIFICATION: Major Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Residential, Office Park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 44,700 vehicles SEGMENT LENGTH: 0.46 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.13 acc/mvm EXPECTED RATE: 0.8 acc/mvm

85TH %: 47 M.P.H.

50TH %: 41 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 70%

% OVER PACE: 18%

% UNDER PACE: 12%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

Total Collisions: 4

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

VALLEY VIEW ST from LAMPSON AVE to CHAPMAN AVE

Page 1 of 1

8912232	7/18/2019	06:00	Thursday	VALLEY VIEW ST - BELGRAVE AVE	352'	Direction: North	Daylight	Cloudy	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 31	2002 CHEVROLET	Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HBD	Under Influence	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	North	Stopped in Road		Female	Age: 54	2012 HONDA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8931595	7/29/2019	10:42	Monday	VALLEY VIEW ST - BELGRAVE AVE	132'	Direction: North	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misd	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Changing Lanes		Not Sta	Age:	2019 NISSAN	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	North	Proceeding Straight		Female	Age: 33	2017 CHRYSLER	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9148429	8/17/2020	08:54	Monday	VALLEY VIEW ST - BELGRAVE AVE	114'	Direction: North	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 28	2010 FORD	Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9188719	10/27/2020	13:40	Tuesday	VALLEY VIEW ST - LAMPSON AVE	884'	Direction: North	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 71	2020 -	Passenger Car, Station Wagon, Jeep		Complaint of Pain
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		

Segment Length: 0.46 miles (2,446')

Settings for Query:

Segment: VALLEY VIEW ST between LAMPSON AVE and CHAPMAN AVE

Include Intersection Related at Limit 1 (LAMPSON AVE): False

Include Intersection Related at Limit 2 (CHAPMAN AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Valley View Street

LIMITS: Chapman Ave to Santa Catalina Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	NORTHBOUND	SOUTHBOUND	
65	X		1
64			0
63			0
62			0
61			0
60	X		1
59			0
58			0
57		X	1
56	X X		2
55		X X	2
54	X		1
53	X	X	2
52	X X	X X X	5
51	X	X X	3
50	X X X		3
49	X X X X X X	X X X X	10
48	X X	X X X	5
47	X X X X X X	X X	8
46	X X X	X X X X X	8
45	X X X X X X	X	7
44	X X X X X X	X X X X X X X	13
43	X X X X X X X X X	X X X X X X X	16
42	X X X X X X	X X X X X X X X	14
41	X X X X X	X X X X	9
40	X X X X X X X X X X X X	X X X X X X X X X X X	22
39	X X X X X X X	X X X X X X X X X	16
38	X X X X X	X X X X X X X X	13
37	X X X	X X X	6
36	X	X X X X X X	7
35	X X X X	X X X X	8
34	X X X	X X X X X X	9
33	X X	X X	4
32			0
31	X X X	X	4
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/16/2021 TIME: 12:15 PM - 12:35 PM

STREET CLASIFICATION: Major Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 41,300 vehicles SEGMENT LENGTH: 0.23 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.29 acc/mvm EXPECTED RATE: 0.8 acc/mvm

85TH %: 48 M.P.H.

50TH %: 41 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 38 - 47 M.P.H.

% IN PACE: 63%

% OVER PACE: 18%

% UNDER PACE: 19%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

VALLEY VIEW ST from CHAPMAN AVE to SANTA BARBARA AVE

Page 1 of 1

8888890	6/23/2019	05:42	Sunday	VALLEY VIEW ST - CHAPMAN AVE	175'	Direction: North	Dusk - Dawn	Cloudy	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Male	Age: 35	2019 FORD	Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8979477	11/4/2019	16:53	Monday	VALLEY VIEW ST - CHAPMAN AVE	686'	Direction: North	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Making Right Turn		Male	Age: 40	2007 HINO	Two Axle Truck		No Injury
Veh Type: Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9094890	5/11/2020	15:57	Monday	VALLEY VIEW ST - CHAPMAN AVE	97'	Direction: North	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Proceeding Straight		Female	Age: 25	2014 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	North	Slowing/Stopping		Female	Age: 35	2017 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.17 miles (892')

Settings for Query:

Segment: VALLEY VIEW ST between CHAPMAN AVE and SANTA BARBARA AVE

Include Intersection Related at Limit 1 (CHAPMAN AVE): False

Include Intersection Related at Limit 2 (SANTA BARBARA AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Century Boulevard

LIMITS: Garden Grove Blvd to Euclid St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53		X	1
52			0
51			0
50		X	1
49			0
48	X X		2
47	X		1
46	X	X X	3
45	X X X	X X X	6
44	X X	X X X	5
43	X X X X	X X X X X X X	11
42	X	X X X	4
41	X X X X X X X	X X X X	11
40	X X X X X	X X X X X	10
39	X X X X X X X	X X X X X X X X	15
38	X X X X	X X X X X X X	11
37	X X X X X X X X X X	X X X X X X X X X X	20
36	X X X X X X X X X X X	X	12
35	X X X X X X X X X X X	X X X X X X X X X X X	21
34	X X X X X X X X X X X	X X X X X X X X X	20
33	X X X X X	X X X X X X X X X X	15
32	X X X X X X X X	X X X X	12
31	X X	X X X X X	7
30	X X X X	X X	6
29	X	X	2
28	X	X	2
27			0
26		X	1
25		X	1
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
	GRAND TOTALS		200

DATE: 9/13/2021 TIME: 2:41 PM - 2:59 PM

STREET CLASIFICATION: Collector

ROADWAY DESCRIPTION: Two lanes each direction, Raised median, Left-turn channelization, On-street parking

ADJACENT LAND USE: Retail/commercial, Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 12,900 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 42 M.P.H.

50TH %: 36 M.P.H.

15TH %: 32 M.P.H.


AVERAGE SPEED: 37 M.P.H.

10 MPH PACE: 32 - 41 M.P.H.

% IN PACE: 74%

% OVER PACE: 17%

% UNDER PACE: 10%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

CENTURY BLVD from GARDEN GROVE BLVD to EUCLID ST

Page 1 of 1

9140174	7/21/2020	17:30	Tuesday	CENTURY BLVD - TAFT ST	101'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Not Stated	East	Other Unsafe Turning	Male	Age: 34	2007 -	Pickups & Panels		No Injury
	Veh Type: Pickup Truck		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 2	Parked Vehicle	East	Parked	Not Sta	Age:	2019 -	Mini Van		No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable			Assoc Factor: Not Stated	Not Stated	Not Stated	

Segment Length: 0.54 miles (2,844')

Settings for Query:

Segment: CENTURY BLVD between GARDEN GROVE BLVD and EUCLID ST

Include Intersection Related at Limit 1 (GARDEN GROVE BLVD): False

Include Intersection Related at Limit 2 (EUCLID ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Bailey St to Valley View St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45			0
44			0
43			0
42			0
41			0
40			0
39			0
38			0
37		X	1
36		X	1
35			0
34	X X	X X X X	6
33		X	1
32	X	X X X	4
31		X X X X X X X X	8
30	X X X X X	X X X X X X X X X X	15
29	X X X X X X X X	X X X X X X X X	15
28	X X X X X X X X X X X X	X X X X X X X X X X	21
27	X X X X X	X X X X X X X X X X X X X X	21
26	X X X X X X X X X	X X X X X X X	15
25	X X X X X X X X X X X X X X X X	X X X X X X X X X X X X	26
24	X X X X X X X X X X X X X X X X	X X X X X X X X X	25
23	X X X X X X X X X X	X X X X X	14
22	X X X X X	X X	7
21	X X X X	X	5
20	X X	X	3
19	X X	X X	4
18	X X X		3
17			0
16			0
15			0
GRAND TOTALS			195

DATE: 9/7/2021 TIME: 8:30 AM - 9:35 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Residential, Retail/commercial

ROADWAY CONDITIONS: Good

WEATHER: Cloudy


AVERAGE DAILY TRAFFIC: 6,800 vehicles SEGMENT LENGTH: 0.22 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 1.84 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 29 M.P.H.
 50TH %: 25 M.P.H.
 15TH %: 22 M.P.H.

AVERAGE SPEED: 26 M.P.H.
 10 MPH PACE: 22 - 31 M.P.H.
 % IN PACE: 86%
 % OVER PACE: 7%
 % UNDER PACE: 8%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: High Accident Rate

EXISTING SPEED LIMIT: 25 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

CHAPMAN AVE from BAILEY ST to VALLEY VIEW ST

Page 1 of 1

8988594	11/17/2019	14:56	Sunday	CHAPMAN AVE - STONEGATE LN	110'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Other Hazardous Movement	22517	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Parked Vehicle	East	Parked	Not Sta	Age: 2019 MAZDA		Sport Utility Vehicle		No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Driver	East	Proceeding Straight	Female	Age: 78 1994 JEEP		Sport Utility Vehicle		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
9121606	6/27/2020	23:16	Saturday	CHAPMAN AVE - BAILEY ST	122'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Overtuned		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	Not S	Proceeding Straight	Male	Age: 59 2010 -		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		
9223455	12/19/2020	23:37	Saturday	CHAPMAN AVE - VALLEY VIEW ST	112'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Not Sta	Age: 2018 -		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		
Party 2	Driver	West	Proceeding Straight	Female	Age: 54 2006 -		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		

Segment Length: 0.22 miles (1,147')

Settings for Query:

**Segment: CHAPMAN AVE between BAILEY ST and VALLEY VIEW ST
Include Intersection Related at Limit 1 (BAILEY ST): False
Include Intersection Related at Limit 2 (VALLEY VIEW ST): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Valley View St to Springdale St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60	X	X	2
59			0
58	X		1
57			0
56	X		1
55	X X	X X	4
54	X	X X	3
53	X	X X	3
52	X X	X X X	5
51	X X X X	X X X X	8
50	X X X X X X X X X X	X X X X	13
49	X X X X X X X	X X X X X X X X X	16
48	X X X X X X X X	X X X X X X X X	16
47	X X X	X X X X X X X	10
46	X X X X X X X	X X X X X	12
45	X X X X X X X X X X X X X X X X	X X X X X X X X X X X	26
44	X X X X X	X X	7
43	X X X X X X X X X X	X X X X X X	16
42	X X X X X X X X	X X X X X X X X	15
41	X X X X X X X X	X X X X X X X X	16
40	X X	X X X X	6
39		X X X	3
38	X X X	X X X X X	8
37		X X X	3
36		X X X X	4
35			0
34			0
33			0
32		X	1
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			199

DATE: 9/7/2021 TIME: 9:42 AM - 10:19 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Two-way left-turn lane, Left-turn channelization, Bike lane

ADJACENT LAND USE: Residential, Retail/commercial

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 11,100 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.25 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 49 M.P.H.

50TH %: 44 M.P.H.

15TH %: 40 M.P.H.


AVERAGE SPEED: 46 M.P.H.

10 MPH PACE: 41 - 50 M.P.H.

% IN PACE: 74%

% OVER PACE: 14%

% UNDER PACE: 13%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

CHAPMAN AVE from VALLEY VIEW ST to SPRINGDALE ST

Page 1 of 1

8856879	4/18/2019	17:43	Thursday	CHAPMAN AVE - VALLEY VIEW ST	180'	Direction: South	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Driving Under Influence	23152F	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

Party 1 Driver	North	Proceeding Straight	Female	Age: 55	2010 HONDA	Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Violation	Air Bag Not Deployed	Not Stated	
Party 2 Driver	North	Stopped in Road	Male	Age: 71	2018 MASERATI	Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	

Segment Length: 0.50 miles (2,663')

Settings for Query:

Segment: CHAPMAN AVE between VALLEY VIEW ST and SPRINGDALE ST

Include Intersection Related at Limit 1 (VALLEY VIEW ST): False

Include Intersection Related at Limit 2 (SPRINGDALE ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Springdale St to Knott St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65		X	1
64			0
63			0
62		X	1
61		X	1
60			0
59			0
58	X		1
57	X	X	2
56			0
55	X	X	3
54	X	X	4
53	X	X	7
52	X	X	5
51	X	X	9
50	X	X	11
49	X	X	9
48	X	X	11
47	X	X	16
46	X	X	15
45	X	X	16
44	X	X	18
43	X	X	12
42	X	X	10
41	X	X	10
40	X	X	8
39	X	X	10
38	X	X	5
37	X	X	5
36	X	X	4
35	X	X	2
34	X	X	3
33			0
32			0
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
	GRAND TOTALS		199

DATE: 9/7/2021 TIME: 10:25 AM - 11:02 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Two-way left-turn lane, Left-turn channelization, Bike lane

ADJACENT LAND USE: Residential, Retail/commercial

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 10,700 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.26 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 50 M.P.H.

50TH %: 44 M.P.H.

15TH %: 39 M.P.H.


AVERAGE SPEED: 45 M.P.H.

10 MPH PACE: 41 - 50 M.P.H.

% IN PACE: 64%

% OVER PACE: 17%

% UNDER PACE: 19%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lanes, Continuity of Speed, Uncontrolled Crosswalk

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

CHAPMAN AVE from SPRINGDALE ST to KNOTT ST

Page 1 of 1

8866954	5/7/2019	17:47	Tuesday	CHAPMAN AVE - KNOTT ST	195'	Direction: West	Daylight	Clear	Pty at Fault:2
	Sideswipe		Parked Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

Party 1	Parked Vehicle	West	Parked	Not Sta	Age:	2015 OTHER - TRUCK	Fire Truck	No Injury
Veh Type:	Emergency Vehicle		Sobriety: Not Applicable	Assoc Factor:	Not Stated	Not Stated	Not Stated	
Party 2	Driver	West	Making Right Turn	Female	Age: 43	2005 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury
Veh Type:	Passenger Car		Sobriety: HNBD	Assoc Factor:	Not Stated	Air Bag Not Deployed	Not Stated	

Segment Length: 0.50 miles (2,640')

Settings for Query:

Segment: CHAPMAN AVE between SPRINGDALE ST and KNOTT ST

Include Intersection Related at Limit 1 (SPRINGDALE ST): False

Include Intersection Related at Limit 2 (KNOTT ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Knott St to Western Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59		X	1
58			0
57	X		1
56			0
55			0
54			0
53	X	X	2
52	X		1
51		X X	2
50	X		1
49	X X X	X	4
48	X X X X X	X X X X	9
47	X X X	X	4
46	X X X	X X X	6
45	X X	X X X X X	7
44	X X X X X X X	X X X X X	11
43	X X X X X	X X	7
42	X X X X X	X X X	8
41		X X X	3
40		X X X X X	5
39	X X X	X X	5
38	X X	X	3
37	X X X	X X X X	7
36	X	X X X	4
35	X	X	2
34	X X	X	3
33	X	X	2
32		X	1
31	X		1
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/7/2021 TIME: 11:11 AM - 11:32 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Two-way left-turn lane, Left-turn channelization, Bike lane

ADJACENT LAND USE: Residential, Retail/Commercial, Business/Industrial Park, Recreational Park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 16,000 vehicles SEGMENT LENGTH: 0.55 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.47 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 47 M.P.H.

50TH %: 43 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 43 M.P.H.

10 MPH PACE: 39 - 48 M.P.H.

% IN PACE: 65%

% OVER PACE: 12%

% UNDER PACE: 23%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

**Total Collisions: 4
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

CHAPMAN AVE from KNOTT ST to WESTERN AVE

Page 1 of 1

8859363	5/6/2019	15:33	Monday	CHAPMAN AVE - KNOTT ST	110'	Direction: East	Daylight	Clear	Pty at Fault:1
	Head-On		Fixed Object	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Making Right Turn		Male	Age: 51	2016 HYUNDAI		Unknown Hit and Run Vehicle Involvem	No Injury
Veh Type: Not Stated		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
8880660	6/3/2019	12:43	Monday	CHAPMAN AVE - KNOTT ST	400'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Not Sta	Age:	0-		Unknown Hit and Run Vehicle Involvem	No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated	
Party 2 Parked Vehicle	West	Parked		Not Sta	Age:	2011 HYUNDAI		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated	
8950673	8/24/2019	01:28	Saturday	CHAPMAN AVE - KNOTT ST	270'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Driving Under Influence	23152A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Other		Male	Age: 22	1993 MERCEDES-BENZ		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
9062907	10/5/2019	18:51	Saturday	CHAPMAN AVE - KNOTT ST	434'	Direction: East	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Entering Traffic		Male	Age: 19	2013 MERCEDES-BENZ		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Inattention		Air Bag Not Deployed		Not Stated	
Party 2 Driver	East	Proceeding Straight		Female	Age: 83	2012 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	

Segment Length: 0.55 miles (2,917')

Settings for Query:

**Segment: CHAPMAN AVE between KNOTT ST and WESTERN AVE
Include Intersection Related at Limit 1 (KNOTT ST): False
Include Intersection Related at Limit 2 (WESTERN AVE): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Western Ave to Santa Paula St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54	X		1
53			0
52			0
51			0
50		X	1
49		X X	2
48	X	X X X X	5
47		X	1
46	X X X		3
45	X X	X X X	5
44	X X X X	X	5
43	X X X	X X X X X X X	10
42	X X X	X X X X	7
41	X X X X	X X X	7
40	X X	X X X X X	7
39	X X X X X X X X	X X X X	11
38	X X X X X	X X X X X X	11
37	X X X X X		5
36	X	X X	3
35		X X X X	4
34	X X X X X X	X X X	9
33	X		1
32	X X		2
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/7/2021 TIME: 11:43 AM - 12:01 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Two-way left-turn lane, Left-turn channelization, Bike lane

ADJACENT LAND USE: Residential, Retail/Commercial, Business/Industrial Park, School

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 18,100 vehicles SEGMENT LENGTH: 0.42 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.54 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 39 M.P.H.

15TH %: 35 M.P.H.

AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 74%

% OVER PACE: 23%

% UNDER PACE: 3%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

Total Collisions: 4

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

CHAPMAN AVE from WESTERN AVE to SANTA PAULA ST

Page 1 of 1

8814641	1/29/2019	10:48	Tuesday	CHAPMAN AVE - WESTERN AVE			58'	Direction: East	Daylight	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1	Driver	North	Making Right Turn	Male	Age: 32	2003 TOYOTA			Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
Party 2	Driver	West	Stopped in Road	Female	Age: 30	2017 CHEVROLET			Passenger Car, Station Wagon, Jeep	Complaint of Pain	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9049564	2/8/2020	15:04	Saturday	CHAPMAN AVE - SANTA ROSALIA ST (W)			90'	Direction: East	Daylight	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Auto R/W Violation			21801A	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1	Driver	East	Making Left Turn	Male	Age: 50	1999 FORD			Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2	Driver	West	Proceeding Straight	Female	Age: 53	2003 HONDA			Sport Utility Vehicle	Complaint of Pain	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated		
9115749	5/7/2020	16:45	Thursday	CHAPMAN AVE - WESTERN AVE			506'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Other Hazardous Movement			22109	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Slowing/Stopping	Not Sta	Age: 0 -				Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2	Driver	East	Proceeding Straight	Male	Age: 23	2020 FORD			Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9191934	10/23/2020	02:35	Friday	CHAPMAN AVE - WESTERN AVE			484'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Improper Turning			22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Not Sta	Age: 2013	HONDA			Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
Party 2	Parked Vehicle	East	Parked	Not Sta	Age: 1965	FORD			Pickups & Panels	No Injury	
	Veh Type: Pickup Truck		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated		

Segment Length: 0.42 miles (2,215')

Settings for Query:

Segment: CHAPMAN AVE between WESTERN AVE and SANTA PAULA ST

Include Intersection Related at Limit 1 (WESTERN AVE): False

Include Intersection Related at Limit 2 (SANTA PAULA ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Brianwood St to Magnolia St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54		X	1
53	X		1
52			0
51	X		1
50			0
49	X	X	2
48	X	X X X	4
47	X	X	2
46		X X X X	4
45	X	X	2
44	X X	X	3
43	X X X	X X X X X X X	10
42	X X X X	X X X X X X	10
41	X X X	X X X X	7
40	X X X X X X X	X X X	10
39	X X	X	3
38	X X X	X X X X X	8
37	X X X X X	X	6
36		X X X X X	5
35	X X X	X X	5
34	X X X X X X X		7
33	X	X X	3
32	X X X X	X	5
31		X	1
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/7/2021 TIME: 12:08 PM - 12:21 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Two-way left-turn lane, Left-turn channelization

ADJACENT LAND USE: Residential, Retail/Commercial

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 22,200 vehicles SEGMENT LENGTH: 0.63 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 0.39 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 45 M.P.H.

50TH %: 39 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 71%

% OVER PACE: 20%

% UNDER PACE: 9%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lane, Continuity of Speed, Adjacent to School

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

**Total Collisions: 5
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

CHAPMAN AVE from BRIARWOOD ST to MAGNOLIA ST

Page 1 of 2

8815894	2/19/2019	14:51	Tuesday	CHAPMAN AVE - MAGNOLIA ST	90'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Entering Traffic		Male	Age: 62	2002 HONDA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Violation		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Proceeding Straight		Male	Age: 58	2009 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9167933	6/26/2019	18:56	Wednesday	CHAPMAN AVE - MAGNOLIA ST	256'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Making Left Turn		Male	Age: 21	2000 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HBD Not Under Infl		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Proceeding Straight		Not Sta	Age:	1997 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
8930941	8/2/2019	16:50	Friday	CHAPMAN AVE - MAGNOLIA ST	405'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Making Left Turn		Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem		No Injury
Veh Type: Not Stated		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	West	Stopped in Road		Female	Age: 24	2010 HONDA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9027497	2/10/2020	19:30	Monday	CHAPMAN AVE - DALE ST	450'	Direction: West	Dark - Street Ligh	Raining	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem		No Injury
Veh Type: Not Stated		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Not Stated		Male	Age: 35	2007 NISSAN	Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: Not Stated		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9149180	7/25/2020	16:16	Saturday	CHAPMAN AVE - DALE ST	334'	Direction: West	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Male	Age: 33	2020 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		

Segment Length: 0.63 miles (3,339')

Settings for Query:

Segment: CHAPMAN AVE between BRIARWOOD ST and MAGNOLIA ST

Include Intersection Related at Limit 1 (BRIARWOOD ST): False

Include Intersection Related at Limit 2 (MAGNOLIA ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Magnolia St to Gilbert St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56		X	1
55			0
54			0
53			0
52			0
51	X		1
50	X	X	2
49	X	X X	3
48		X	1
47	X X	X	3
46		X	1
45	X X X	X	4
44	X X	X X	4
43	X X X	X X	5
42	X X X X	X X X	7
41	X X	X X	4
40	X X X X X X	X X X X X	11
39	X X X X X X	X X X	9
38	X X X X	X X X X X X	10
37	X X	X X X	5
36	X X X X X	X X X X	9
35	X X	X X X X	6
34	X X	X	3
33	X X X	X	4
32	X	X X X	4
31		X	1
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			98

DATE: 9/7/2021 TIME: 12:33 PM - 12:38 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Two-way left-turn lane/Raised median, Left-turn channelization

ADJACENT LAND USE: Residential, Retail/Commercial

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 20,600 vehicles SEGMENT LENGTH: 0.46 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 6 midblock collisions

ACCIDENT RATE: 0.87 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 38 M.P.H.

15TH %: 34 M.P.H.

AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 71%

% OVER PACE: 16%

% UNDER PACE: 12%

REGISTERED PROFESSIONAL ENGINEER

RUBEN PERALES

RP

No. 83169

CIVIL STATE OF CALIFORNIA

TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 6

From 1/1/2019 to 12/31/2020

**Total Collisions: 6
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

CHAPMAN AVE from MAGNOLIA ST to GILBERT ST

Page 1 of 2

8879977	6/3/2019	11:24	Monday	CHAPMAN AVE - GILBERT ST	423'	Direction: West	Daylight	Cloudy	Pty at Fault:1
	Broadside		Bicycle	Improper Turning	22107	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1 Driver	East	Ran Off Road		Female Age: 64	2005 TOYOTA	Passenger Car, Station Wagon, Jeep		Other Visible Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
Party 2 Bicyclist	East	Proceeding Straight		Male Age: 64	0-	Bicycle		Other Visible Injury	
Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated	
8931558	7/16/2019	16:15	Tuesday	CHAPMAN AVE - MAGNOLIA ST	422'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Female Age: 71	2011 NISSAN	Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated	
Party 2 Driver	West	Stopped in Road		Female Age: 46	2019 CHEVROLET	Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
8956854	8/22/2019	19:37	Thursday	CHAPMAN AVE - LORALEEN ST (E)	300'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Entering Traffic		Not Sta Age:	0-	Unknown Hit and Run Vehicle Involvem		No Injury	
Veh Type: Not Stated		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated		Not Stated		Not Stated	
Party 2 Driver	East	Proceeding Straight		Female Age: 50	1999 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
9015248	11/20/2019	15:43	Wednesday	CHAPMAN AVE - MAGNOLIA ST	300'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Other Unsafe Turning		Not Sta Age:	2018 BMW	Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated	
Party 2 Driver	West	Proceeding Straight		Male Age: 47	1997 VOLKSWAGEN	Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
9054153	2/6/2020	07:55	Thursday	CHAPMAN AVE - GILBERT ST	529'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Male Age: 56	2008 FORD	Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
Party 2 Driver	West	Slowing/Stopping		Female Age: 35	2012 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated	
9228412	12/26/2020	22:31	Saturday	CHAPMAN AVE - TOUCHSTONE DR	92'	Direction: East	Dark - No Street	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Pedestrian Violation	21955	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0

CHAPMAN AVE from MAGNOLIA ST to GILBERT ST

Party 1	Pedestrian	South	Other	Male	Age: 77	0 -		Pedestrian	Complaint of Pain
Veh Type:	Pedestrian		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated	
Party 2	Driver	East	Proceeding Straight	Male	Age: 28	2002 FORD		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type:	Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	

Segment Length: 0.46 miles (2,428')

Settings for Query:

Segment: CHAPMAN AVE between MAGNOLIA ST and GILBERT ST

Include Intersection Related at Limit 1 (MAGNOLIA ST): False

Include Intersection Related at Limit 2 (GILBERT ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Gilbert St to Brookhurst St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52	X		1
51			0
50		X	1
49		X	1
48		X X X	3
47	X		1
46		X	1
45		X	1
44	X X	X X X X X X X X	9
43	X X X	X	4
42		X X X	3
41	X X X X X	X X X	8
40	X X X X	X X X	7
39	X X X	X X X X X X X	10
38	X X X X X	X X X X X X X X X X	16
37	X X X X X X X X X X	X X X X X X X X X X	20
36	X X X X X X X X X X	X X X X X X X X	18
35	X X X X X X X X	X X X X X X X X X X X X X X	23
34	X X X X X X X X	X X X X X X X X	16
33	X X X X X X X X X X X X	X X X X X X	18
32	X X X X X X X X X X	X X X X X	15
31	X X X X X X X X	X X X	11
30	X X X X		4
29	X X	X	3
28	X X	X	3
27	X	X	2
26	X		1
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/7/2021 TIME : 1:10 -PM 1:39 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 23,200 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 10 midblock collisions

ACCIDENT RATE: 1.18 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 40 M.P.H.

50TH %: 35 M.P.H.

15TH %: 31 M.P.H.


AVERAGE SPEED: 36 M.P.H.

10 MPH PACE: 31 - 40 M.P.H.

% IN PACE: 77%

% OVER PACE: 17%

% UNDER PACE: 7%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 10

From 1/1/2019 to 12/31/2020

Total Collisions: 11

Injury Collisions: 6

Fatal Collisions: 0

Collision Summary Report

10/26/21

CHAPMAN AVE from GILBERT ST to BROOKHURST ST

Page 1 of 2

8790494	1/13/2019	19:30	Sunday	CHAPMAN AVE - BROOKHURST ST	402'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Making Right Turn	Male	Age: 27	2004 NISSAN	Sport Utility Vehicle		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 2	Driver	East	Proceeding Straight	Male	Age: 50	2001 TOYOTA			No Injury
	Veh Type: Not Stated		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
8915629	3/15/2019	07:48	Friday	CHAPMAN AVE - GILBERT ST	465'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Severe Injury	# Inj: 3	# Killed: 0
Party 1	Driver	East	Changing Lanes	Female	Age: 36	1999 CHEVROLET	Pickups & Panels		No Injury
	Veh Type: Pickup Truck		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated	
Party 2	Driver	East	Making Right Turn	Male	Age: 33	1999 FORD			No Injury
	Veh Type: Not Stated		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
8851824	3/17/2019	22:40	Sunday	CHAPMAN AVE - GILBERT ST	373'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Not Sta	Age:	0 -	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno			Assoc Factor: Not Stated	Not Stated	Not Stated	
Party 2	Driver	East	Making Right Turn	Male	Age: 41	2015 KIA	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
8879796	5/30/2019	19:12	Thursday	CHAPMAN AVE - GILBERT ST	300'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Bicycle	Wrong Side of Road	216501	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Bicyclist	East	Making Left Turn	Male	Age: 56	0 -	Bicycle		No Injury
	Veh Type: Bicycle		Sobriety: HNBD			Assoc Factor: Not Stated	Not Stated	Not Stated	
Party 2	Driver	East	Proceeding Straight	Male	Age: 33	2001 TOYOTA	Pickups & Panels		No Injury
	Veh Type: Pickup Truck		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
8901670	5/31/2019	01:03	Friday	CHAPMAN AVE - GILBERT ST	1380'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Broadside		Bicycle	Lights	21201D	Hit & Run: Felony	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Bicyclist	West	Proceeding Straight	Male	Age: 57	0 -	Bicycle		No Injury
	Veh Type: Bicycle		Sobriety: HNBD			Assoc Factor: Not Stated	Not Stated	Not Stated	
Party 2	Driver	Not S	Entering Traffic	Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem		No Injury
	Veh Type: Not Stated		Sobriety: Impairment Not Kno			Assoc Factor: Not Stated	Not Stated	Not Stated	
8973971	10/22/2019	15:46	Tuesday	CHAPMAN AVE - GILBERT ST	235'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0

CHAPMAN AVE from GILBERT ST to BROOKHURST ST

Party 1 Driver	West	Changing Lanes	Male	Age: 80	2019 HYUNDAI	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Proceeding Straight	Male	Age: 35	2006 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8980076	11/5/2019	08:21	Tuesday	CHAPMAN AVE - GILBERT ST		555' Direction: East	Daylight Clear	Pty at Fault:
	Rear-End	Other Motor Vehicle		Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	East	Making Right Turn	Female	Age: 65	2015 HONDA	Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Proceeding Straight	Male	Age: 38	1995 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9036228	12/15/2019	22:57	Sunday	CHAPMAN AVE - GILBERT ST		344' Direction: East	Dark - Street Ligh Clear	Pty at Fault:1
	Hit Object	Fixed Object		Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	West	Proceeding Straight	Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated		
9030015	12/19/2019	00:10	Thursday	CHAPMAN AVE - GILBERT ST		564' Direction: East	Dark - Street Ligh Clear	Pty at Fault:1
	Rear-End	Other Motor Vehicle		Unsafe Speed	22350	Hit & Run: Misde	Other Visible Injury	# Inj: 1 # Killed: 0
Party 1 Driver	West	Proceeding Straight	Not Sta	Age:	2017 HYUNDAI	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Impairment Un	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	West	Proceeding Straight	Male	Age: 18	2008 PONTIAC	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9147093	8/3/2020	15:49	Monday	CHAPMAN AVE - COVEY WAY		60' Direction: East	Daylight Clear	Pty at Fault:1
	Broadside	Other Motor Vehicle		Other	A	Hit & Run: No	Severe Injury	# Inj: 3 # Killed: 0
Party 1 Driver	East	Proceeding Straight	Male	Age: 19	2017 -	Passenger Car, Station Wagon, Jeep	Severe Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	East	Making Left Turn	Male	Age: 60	2017 -	Two Axle Truck	Other Visible Injury	
Veh Type: Truck		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9142988	8/4/2020	14:35	Tuesday	CHAPMAN AVE - GILBERT ST		590' Direction: East	Daylight Clear	Pty at Fault:1
	Sideswipe	Other Motor Vehicle		Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	West	Changing Lanes	Female	Age: 33	2006 -	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Proceeding Straight	Female	Age: 30	2013 -	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.49 miles (2,606')

Settings for Query:

Segment: CHAPMAN AVE between GILBERT ST and BROOKHURST ST

Include Intersection Related at Limit 1 (GILBERT ST): False

Include Intersection Related at Limit 2 (BROOKHURST ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Brookhurst St to Nutwood St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58	X		1
57			0
56	X		1
55			0
54			0
53	X		1
52		X	1
51		X	1
50			0
49	X X		2
48			0
47		X X X	3
46	X	X	2
45	X X	X	3
44	X X X	X X X	6
43	X X X X	X X X	7
42	X X X X	X X X X	8
41	X X X X X X X X	X X X X	12
40	X X X X X	X X X X X	10
39	X X X X X	X X X	8
38	X X X X X	X X X X X X	11
37	X X	X X X X	6
36	X X X	X X X X	7
35	X X X X X		5
34	X	X	2
33	X		1
32	X		1
31		X	1
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/7/2021 TIME: 1:56 PM - 2:13 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Raised median/Two-way left-turn lanes, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Residential

ROADWAY CONDITIONS: Very Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 25,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 0.43 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 39 M.P.H.

15TH %: 35 M.P.H.

AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 80%

% OVER PACE: 15%

% UNDER PACE: 5%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

**Total Collisions: 5
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

CHAPMAN AVE from BROOKHURST ST to NUTWOOD ST

Page 1 of 2

8787878	1/10/2019	11:21	Thursday	CHAPMAN AVE - MORRIE LN		104'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Stopped in Road		Male	Age: 51	2006 CHRYSLER		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	West	Proceeding Straight		Male	Age: 24	2018 VOLKSWAGEN		Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 3 Driver	East	Making Right Turn		Female	Age: 66	2017 TOYOTA		Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated		
8834907	3/11/2019	19:12	Monday	CHAPMAN AVE - NUTWOOD ST		116'	Direction: West	Dusk - Dawn	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change		21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Making Right Turn		Not Sta	Age: 0-			Unknown Hit and Run Vehicle Involvem		No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	East	Proceeding Straight		Female	Age: 28	2017 HONDA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8859367	5/11/2019	05:05	Saturday	CHAPMAN AVE - BROOKHAVEN PARK		110'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Overtuned		Fixed Object	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Other Unsafe Turning		Female	Age: 21	2017 KIA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Inattention		Air Bag Deployed		Not Stated		
9055495	2/6/2020	17:10	Thursday	CHAPMAN AVE - FAYE AVE		60'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Female	Age: 39	2015 DODGE		Mini Van		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	East	Stopped in Road		Male	Age: 47	2005 DODGE		Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9119775	7/2/2020	12:31	Thursday	CHAPMAN AVE - PARK LN		196'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Male	Age: 19	2009 -		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
Party 2 Driver	West	Stopped in Road		Male	Age: 61	2013 -		Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
Party 3 Driver	West	Stopped in Road		Female	Age: 69	2017 -		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		

Segment Length: 0.51 miles (2,703')

Settings for Query:

Segment: CHAPMAN AVE between BROOKHURST ST and NUTWOOD ST

Include Intersection Related at Limit 1 (BROOKHURST ST): False

Include Intersection Related at Limit 2 (NUTWOOD ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Nutwood St to Euclid St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60	X		1
59		X	1
58			0
57	X		1
56	X	X	2
55			0
54		X	1
53			0
52			0
51			0
50		X	1
49	X X X X		4
48	X		1
47	X X	X	3
46	X X X	X	4
45	X X X	X X X X	7
44	X X	X X	4
43	X X X X X X	X	7
42	X X X X X X	X X X X	10
41	X X X	X X X X X	8
40	X X	X X X	5
39	X X X	X X X X	7
38	X	X X X X X	6
37	X X X X X X	X X X X X X X	13
36	X	X X X X	5
35	X	X X	3
34			0
33	X	X	2
32	X X	X X	4
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/7/2021 TIME: 2:19 PM - 2:34 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Two-way left-turn lanes, Left-turn channelization, Bike lane

ADJACENT LAND USE: Retail/Commercial, Residential

ROADWAY CONDITIONS: Very Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 25,800 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 5 midblock collisions

ACCIDENT RATE: 0.53 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 46 M.P.H.

50TH %: 40 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 36 - 45 M.P.H.

% IN PACE: 72%

% OVER PACE: 19%

% UNDER PACE: 9%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lane, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 5

From 1/1/2019 to 12/31/2020

Total Collisions: 6

Injury Collisions: 4

Fatal Collisions: 0

Collision Summary Report

10/26/21

CHAPMAN AVE from NUTWOOD ST to EUCLID ST

Page 1 of 2

8815077	2/11/2019	13:01	Monday	CHAPMAN AVE - EUCLID ST	682'	Direction: West	Daylight	Clear	Pty at Fault:
	Sideswipe		Other Motor Vehicle	Unknown		Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Other Unsafe Turning	Male	Age: 18	2002 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Driver	East	Proceeding Straight	Male	Age: 18	2019 CHEVROLET	Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
8819721	2/12/2019	09:40	Tuesday	CHAPMAN AVE - GARY ST	256'	Direction: East	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	West	Making Left Turn	Female	Age: 27	1997 DODGE	Mini Van	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Violation	Air Bag Not Deployed	Not Stated		
Party 2	Driver	East	Proceeding Straight	Male	Age: 60	2017 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
8861557	4/22/2019	16:09	Monday	CHAPMAN AVE - EASY WAY	115'	Direction: West	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Driving Under Influence	23152F	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Other Unsafe Turning	Male	Age: 41	2015 BUICK	Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
8879812	5/30/2019	17:00	Thursday	CHAPMAN AVE - EUCLID ST	400'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Male	Age: 41	2002 FORD	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
Party 2	Driver	East	Stopped in Road	Female	Age: 74	2010 FORD	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
8897270	6/19/2019	10:48	Wednesday	CHAPMAN AVE - OLD FASHION WAY	70'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Improper Turning	22100A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	West	Making Right Turn	Male	Age: 22	2005 PONTIAC	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Driver	West	Proceeding Straight	Male	Age: 17	2017 HYUNDAI	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
9067006	2/18/2020	09:34	Tuesday	CHAPMAN AVE - EUCLID ST	70'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Male	Age: 54	2019 FORD	Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		

CHAPMAN AVE from NUTWOOD ST to EUCLID ST

Party 2	Driver	West	Stopped in Road	Male	Age: 39	2013 MERCEDES-BENZ	Passenger Car, Station Wagon, Jeep	Complaint of Pain
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 3	Driver	West	Changing Lanes	Male	Age: 57	2002 HONDA	Passenger Car, Station Wagon, Jeep	No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	

Segment Length: 0.50 miles (2,640')

Settings for Query:

Segment: CHAPMAN AVE between NUTWOOD ST and EUCLID ST

Include Intersection Related at Limit 1 (NUTWOOD ST): False

Include Intersection Related at Limit 2 (EUCLID ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Euclid St to Ninth St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55		X	1
54	X		1
53		X	1
52		X	1
51		X	1
50	X X	X	3
49	X	X	2
48	X X	X X X	5
47	X X X	X X X	6
46	X X X X X X	X X X X X	11
45	X X X X X X X	X X X X X X X	14
44	X X	X X X X X X X X X X X	13
43	X X X X X	X X X X	9
42	X X X X X X X	X X X X X X X X X X X	18
41	X X X X X X X X X X X	X X X X X X X X X X X X X	24
40	X X X X X X X X X	X X X X X X X X X X X X X X X	24
39	X X X X X X X	X X X X	11
38	X X X X X X X X X	X X X X X X	15
37	X X X X X X X X	X X X	11
36	X X X X X X X	X X X	10
35	X X X X X	X	6
34	X X X X X X	X X X X	10
33			0
32	X X		2
31		X	1
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/7/2021 TIME: 2:42 PM - 2:56 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Two-way left-turn lane/Raised median, Left-turn channelization
Bike Lane, On-street parking

ADJACENT LAND USE: Retail/Commercial, Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 25,600 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 7 midblock collisions

ACCIDENT RATE: 0.74 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 45 M.P.H.

50TH %: 40 M.P.H.

15TH %: 36 M.P.H.

AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 75%

% OVER PACE: 11%

% UNDER PACE: 15%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lane, On-Street Parking, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 7

From 1/1/2019 to 12/31/2020

**Total Collisions: 8
Injury Collisions: 4
Fatal Collisions: 0**

Collision Summary Report

10/26/21

CHAPMAN AVE from EUCLID ST to 9TH ST

Page 1 of 2

8784441	1/17/2019	11:39	Thursday	CHAPMAN AVE - WAVERLY DR	258'	Direction: West	Daylight	Raining	Pty at Fault:1
	Rear-End			Parked Motor Vehicle Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Female	Age: 81	2002 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Parked Vehicle	West	Parked	Not Sta	Age:	2005 SUBARU	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		
Party 3	Parked Vehicle	West	Parked	Not Sta	Age:	2009 PONTIAC	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		
8870486	5/1/2019	16:28	Wednesday	CHAPMAN AVE - 9TH ST	345'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside			Bicycle Improper Turning	22107	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1	Bicyclist	South	Making Left Turn	Male	Age: 40	0-	Bicycle	No Injury	
	Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated	Not Required	Not Stated		
Party 2	Not Stated	West	Proceeding Straight	Male	Age: 59	2010 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
8973079	9/24/2019	07:33	Tuesday	CHAPMAN AVE - 9TH ST	255'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Female	Age: 64	2004 MERCEDES-BENZ	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Driver	East	Stopped in Road	Female	Age: 30	2015 SCION	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
8979787	10/31/2019	20:03	Thursday	CHAPMAN AVE - ROGER DR	195'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Other Unsafe Turning	Female	Age: 67	2009 CHEVROLET	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Parked Vehicle	East	Parked	Not Sta	Age:	1995 FORD	Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated	Not Stated		
9010157	11/24/2019	14:19	Sunday	CHAPMAN AVE - WAVERLY DR	144'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle Unsafe Speed	22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Female	Age: 60	2013 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
Party 2	Driver	East	Stopped in Road	Male	Age: 20	2013 FIAT	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 3	Driver	East	Stopped in Road	Female	Age: 46	2007 TOYOTA	Mini Van	Other Visible Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		

CHAPMAN AVE from EUCLID ST to 9TH ST

9051769	12/17/2019	16:15	Tuesday	CHAPMAN AVE - LOARA ST	1000'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Male	Age: 16	2007 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed		Not Stated	
Party 2	Driver	East	Stopped in Road	Male	Age: 47	2016 DODGE		Pickups & Panels	No Injury
	Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated	
Party 3	Driver	East	Stopped in Road	Female	Age: 39	2011 HONDA		Mini Van	No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated	
9061997	2/10/2020	07:52	Monday	CHAPMAN AVE - EUCLID ST	70'	Direction: East	Daylight	Cloudy	Pty at Fault:1
	Broadside		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Female	Age: 39	2001 FORD		Passenger Car, Station Wagon, Jeep	No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated	
Party 2	Driver	West	Stopped in Road	Male	Age: 39	2017 MAZDA		Passenger Car, Station Wagon, Jeep	Other Visible Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed		Not Stated	
9129030	7/4/2020	03:20	Saturday	CHAPMAN AVE - ROGER DR	311'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Female	Age: 20	2008 -		Passenger Car, Station Wagon, Jeep	No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated	
Party 2	Parked Vehicle	East	Parked	Not Sta	Age:	2019 -		Passenger Car, Station Wagon, Jeep	No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated	Not Stated		Not Stated	

Segment Length: 0.51 miles (2,673')

Settings for Query:

Segment: CHAPMAN AVE between EUCLID ST and 9TH ST
Include Intersection Related at Limit 1 (EUCLID ST): False
Include Intersection Related at Limit 2 (9TH ST): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Ninth St to West St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64		X	1
63			0
62			0
61			0
60			0
59			0
58			0
57		X	1
56	X		1
55		X	1
54			0
53	X X	X	3
52	X		1
51		X X	2
50			0
49	X X X X X X	X X X X X	11
48		X	1
47	X X X X	X X X X	8
46	X X X X X X	X X X X X X	12
45	X X X X X X X X	X X X X	12
44	X X X X X X X X X X	X X X X X X X X	19
43	X X X X X X X X X X	X X X X X X X X X X	18
42	X X X X	X X X X X X X X X X	14
41	X X X X X X	X X X X X X X X	14
40	X X X X X X X X X X X X	X X X X	16
39	X X X X	X X X X X X X X	11
38	X X X X	X X X X X X X X	12
37	X X X X X X	X X X X X X X X	14
36	X X X	X X X X	7
35	X X X	X X X X	7
34	X X X X X	X X	7
33	X X X X	X	5
32	X	X	2
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/7/2021 TIME: 3:28 PM - 3:44 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Two-way left-turn lane, Left-turn channelization

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 24,100 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.23 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 46 M.P.H.

50TH %: 41 M.P.H.

15TH %: 36 M.P.H.

AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 71%

% OVER PACE: 15%

% UNDER PACE: 14%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 5
Injury Collisions: 3
Fatal Collisions: 0**

Collision Summary Report

10/26/21

CHAPMAN AVE from 9TH ST to WEST ST

Page 1 of 2

8824429	2/19/2019	14:33	Tuesday	CHAPMAN AVE - WEST ST	55'	Direction: West	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Male	Age: 45	2010 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8943763	8/11/2019	09:58	Sunday	CHAPMAN AVE - 9TH ST	120'	Direction: East	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	West	Other Unsafe Turning		Male	Age: 27	2007 CHEVROLET		Passenger Car, Station Wagon, Jeep	Complaint of Pain
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
8993694	11/23/2019	15:57	Saturday	CHAPMAN AVE - 9TH ST	58'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Female	Age: 27	2002 FORD		Sport Utility Vehicle	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	East	Stopped in Road		Male	Age: 61	2015 NISSAN			No Injury
Veh Type: Not Stated		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9066690	2/5/2020	08:38	Wednesday	CHAPMAN AVE - ROBERT LN	304'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Male	Age: 20	1993 HONDA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Stopped in Road		Female	Age: 46	2015 MAZDA		Passenger Car, Station Wagon, Jeep	Complaint of Pain
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Driver	East	Stopped in Road		Female	Age: 24	2017 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9107479	5/5/2020	21:59	Tuesday	CHAPMAN AVE - 9TH ST	530'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Changing Lanes		Female	Age: 22	2010 -		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	East	Proceeding Straight		Female	Age: 61	2013 -		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.50 miles (2,656')

Settings for Query:

Segment: CHAPMAN AVE between 9TH ST and WEST ST

Include Intersection Related at Limit 1 (9TH ST): False

Include Intersection Related at Limit 2 (WEST ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: West St to Harbor Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53		X	1
52	X	X	2
51		X	1
50		X X	2
49	X X	X	3
48	X X X	X	4
47	X X X	X	4
46	X X X	X X X X	7
45	X X X X	X X X X X X X	11
44	X X X X X X X X	X	9
43	X X X X X X X X X	X X X X	14
42	X X X X X X X X	X X X X X	13
41	X X X X X X X	X X X X X X X X X X	17
40	X X X X X X X X X	X X X X X X	16
39	X X X X X X X X	X X X X X X X X X	17
38	X X X X X X X	X X X X X X X X X X	17
37	X X X X	X X X X X X X	11
36	X X X X X X X	X X X	10
35	X X X X X X	X X X X X X X X X X	16
34	X	X X X X X X X	8
33	X X	X X X X X	7
32	X X X	X	4
31	X	X X	3
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			197

DATE: 9/8/2021 TIME : 9:33 AM - 9:52 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Raised median, Left-turn channelization, Bike lane

ADJACENT LAND USE: Residential, Retail/Commercial, Nursing Home, Hotels

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 27,400 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 0.40 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 39 M.P.H.

15TH %: 34 M.P.H.

AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 71%

% OVER PACE: 18%

% UNDER PACE: 11%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

**Total Collisions: 6
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

CHAPMAN AVE from WEST ST to HARBOR BLVD

Page 1 of 2

8931145	7/15/2019	15:06	Monday	CHAPMAN AVE - HARBOR BLVD	572'	Direction: West	Daylight	Clear	Pty at Fault:2
	Broadside		Bicycle	Wrong Side of Road	216501	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Making Right Turn	Not Sta	Age: 2015 LEXUS			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Bicyclist	West	Proceeding Straight	Female	Age: 25 0-			Bicycle	Complaint of Pain	
Veh Type: Bicycle		Sobriety: HNBD	Assoc Factor: Not Stated		Not Stated		Not Stated		
9123981	5/29/2020	08:53	Friday	CHAPMAN AVE - BUARO ST	343'	Direction: West	Daylight	Cloudy	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight	Not Sta	Age: 1999 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	West	Parked	Male	Age: 19 2019 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9105362	6/7/2020	02:53	Sunday	CHAPMAN AVE - BUARO ST	136'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight	Male	Age: 18 2005 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
9140454	8/4/2020	12:04	Tuesday	CHAPMAN AVE - WEST ST	240'	Direction: East	Daylight	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	West	Making Left Turn	Male	Age: 19 2002 FORD			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	East	Proceeding Straight	Female	Age: 28 2016 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
9199466	10/3/2020	19:44	Saturday	CHAPMAN AVE - WEST ST	72'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Making Left Turn	Not Sta	Age: 2012 -			Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	West	Proceeding Straight	Female	Age: 28 2012 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9199464	10/20/2020	06:38	Tuesday	CHAPMAN AVE - HARBOR BLVD	265'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight	Not Sta	Age: 0 -			Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		

CHAPMAN AVE from WEST ST to HARBOR BLVD

Party 2 Driver East Stopped in Road Male Age: 46 2008 -
Veh Type: Passenger Car Sobriety: HBD Under Influence Assoc Factor: Not Stated
Air Bag Not Deployed Passenger Car, Station Wagon, Jeep No Injury
Not Stated

Segment Length: 0.50 miles (2,658')

Settings for Query:

Segment: CHAPMAN AVE between WEST ST and HARBOR BLVD

Include Intersection Related at Limit 1 (WEST ST): False

Include Intersection Related at Limit 2 (HARBOR BLVD): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Harbor Blvd to Haster St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52	X		1
51			0
50			0
49		X X	2
48		X	1
47	X X X	X X	5
46	X	X X X	4
45	X X X X X	X X X X	9
44	X X X		3
43	X X X X X X X X X X	X X X	13
42	X X X X X	X X X X X X X X	12
41	X X X X X X	X X X X X	11
40	X X X X	X	5
39	X X	X X	4
38	X	X X X X X	6
37	X X X	X X X X	7
36	X X	X X	4
35		X X X	3
34	X X X	X X	5
33	X	X	2
32		X X	2
31		X	1
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/8/2021 TIME: 9:12 AM - 9:29 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Raised median/Two-way left-turn lane, Left-turn channelization
Bike Lane, On-street parking

ADJACENT LAND USE: Residential, Retail/Commercial, Recreational Park

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 29,200 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 7 midblock collisions

ACCIDENT RATE: 0.65 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 44 M.P.H.

50TH %: 41 M.P.H.

15TH %: 35 M.P.H.

AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 74%

% OVER PACE: 9%

% UNDER PACE: 17%

REGISTERED PROFESSIONAL ENGINEER

RUBEN PERALES

No. 83169

CIVIL

STATE OF CALIFORNIA

TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 7

From 1/1/2019 to 12/31/2020

Total Collisions: 9

Injury Collisions: 6

Fatal Collisions: 0

Collision Summary Report

10/26/21

CHAPMAN AVE from HARBOR BLVD to HASTER ST

Page 1 of 3

8787866	1/14/2019	14:54	Monday	CHAPMAN AVE - HASTER ST		141'	Direction: West	Daylight	Raining	Pty at Fault:1
	Sideswipe			Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Changing Lanes		Female	Age: 18	1998 BMW	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2	Driver	East	Proceeding Straight		Male	Age: 37	2017 HYUNDAI	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8819145	3/8/2019	20:47	Friday	CHAPMAN AVE - HASTER ST		160'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Proceeding Straight		Not Sta	Age:	0 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2	Driver	West	Proceeding Straight		Male	Age: 28	2009 BMW	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8888964	6/20/2019	16:00	Thursday	CHAPMAN AVE - HASTER ST		240'	Direction: West	Daylight	Cloudy	Pty at Fault:1
	Rear-End			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Proceeding Straight		Female	Age: 16	2015 NISSAN	Passenger Car, Station Wagon, Jeep		Complaint of Pain
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2	Driver	East	Stopped in Road		Female	Age: 56	2013 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Violation		Air Bag Not Deployed		Not Stated		
9015431	11/9/2019	16:43	Saturday	CHAPMAN AVE - WILLOWBROOK LN		255'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	West	Proceeding Straight		Female	Age: 21	2005 NISSAN	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2	Driver	West	Proceeding Straight		Female	Age: 32	2012 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 3	Parked Vehicle	South	Parked		Not Sta	Age:	1997 ACURA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated		
9136436	6/28/2020	15:15	Sunday	CHAPMAN AVE - HASTER ST		105'	Direction: West	Daylight	Cloudy	Pty at Fault:1
	Sideswipe			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 4	# Killed: 0
Party 1	Driver	East	Proceeding Straight		Male	Age: 21	2005 -	Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
Party 2	Driver	East	Stopped in Road		Female	Age: 47	2012 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 3	Driver	East	Stopped in Road		Female	Age: 25	2018 -	Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		

CHAPMAN AVE from HARBOR BLVD to HASTER ST

Party 4	Driver	East	Stopped in Road	Female	Age: 19	2005 FORD		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HNBD			Assoc Factor: Previous Collision	Air Bag Not Deployed	Not Stated			
Party 5	Driver	East	Stopped in Road	Female	Age: 28	2012 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HNBD			Assoc Factor: Previous Collision	Air Bag Not Deployed	Not Stated			
Party 6	Driver	East	Stopped in Road	Male	Age: 45	2016 -		Mini Van	No Injury		
Veh Type: Passenger Car			Sobriety: HNBD			Assoc Factor: Previous Collision	Air Bag Not Deployed	Not Stated			
Party 7	Driver	East	Stopped in Road	Male	Age: 38	2016 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated			
Party 8	Driver	East	Stopped in Road	Female	Age: 31	2007 -		Sport Utility Vehicle	No Injury		
Veh Type: Passenger Car			Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated			
9193908		9/9/2020	12:22	Wednesday	CHAPMAN AVE - HASTER ST		317'	Direction: West	Daylight	Cloudy	Pty at Fault:1
	Sideswipe			Other Motor Vehicle	Improper Turning		22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Making Right Turn	Not Sta	Age:	2019 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HBD Impairment Un			Assoc Factor: Not Stated	Not Stated	Not Stated			
Party 2	Driver	West	Proceeding Straight	Male	Age: 59	2018 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated			
9181156		10/25/2020	02:49	Sunday	CHAPMAN AVE - FALLINGLEAF CIR		170'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	Driving Under Influence		23152A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Male	Age: 28	2011 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HBD Under Influence			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated			
Party 2	Parked Vehicle	East	Parked	Not Sta	Age:	2003 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: Not Applicable			Assoc Factor: Not Stated	Not Stated	Not Stated			
Party 3	Parked Vehicle	East	Parked	Not Sta	Age:	2008 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: Not Applicable			Assoc Factor: Not Stated	Not Stated	Not Stated			
Party 4	Parked Vehicle	East	Parked	Not Sta	Age:	1999 FORD		Pickups & Panels	No Injury		
Veh Type: Pickup Truck			Sobriety: Not Applicable			Assoc Factor: Not Stated	Not Stated	Not Stated			
Party 5	Parked Vehicle	East	Parked	Not Sta	Age:	2006 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: Not Applicable			Assoc Factor: Not Stated	Not Stated	Not Stated			
9191423		11/16/2020	19:08	Monday	CHAPMAN AVE - WILLOWBROOK LN		305'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object			Fixed Object	Unsafe Lane Change		21658A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	West	Changing Lanes	Female	Age: 44	2014 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HBD Not Under Infl			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated			
9219702		12/17/2020	17:20	Thursday	CHAPMAN AVE - HARBOR BLVD		240'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Other Motor Vehicle	Improper Turning		22107	Hit & Run: Misde	Complaint of Pain	# Inj: 3	# Killed: 0
Party 1	Driver	South	Entering Traffic	Not Sta	Age:	2004 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: Impairment Not Kno			Assoc Factor: Not Stated	Not Stated	Not Stated			
Party 2	Driver	West	Proceeding Straight	Female	Age: 36	2015 -		Sport Utility Vehicle	Complaint of Pain		
Veh Type: Passenger Car			Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated			

Segment Length: 0.51 miles (2,673')

Settings for Query:

Segment: CHAPMAN AVE between HARBOR BLVD and HASTER ST

Include Intersection Related at Limit 1 (HARBOR BLVD): False

Include Intersection Related at Limit 2 (HASTER ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Chapman Avenue

LIMITS: Haster St to Lewis St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65	X		1
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56		X	1
55			0
54			0
53	X		1
52			0
51	X		1
50	X		1
49	X X X	X X	5
48	X X X X	X X X X X X	10
47	X X X X X	X	6
46	X X X	X X X X	7
45	X X X X X X X	X X X X	11
44	X X X X X X X	X X X	10
43	X X X X X X X X X X	X X X X X X X X X X	20
42	X X X X X X	X X X X X	11
41	X X X X X X X	X X X X X X X	14
40	X X X X X X X X	X X X X X X X	15
39	X X X X X X X X X X X X	X X X X X X	18
38	X X X X X X	X X X X X X X X X X	15
37	X X	X X X X X X X X X X	12
36	X X X X X X X X	X X X	10
35	X X X X X X	X X X X X X X X X X	14
34	X X X	X X	5
33	X	X X X	4
32		X X	2
31		X X X X X	5
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			199

DATE: 9/8/2021 TIME: 8:30 AM - 8:48 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Raised median/Two-way left-turn lane, Left-turn channelization
Bike Lane, On-street parking

ADJACENT LAND USE: Residential, Retail/Commercial, Place of Worship/School, Medical Clinics

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 27,600 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 7 midblock collisions

ACCIDENT RATE: 0.69 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 45 M.P.H.

50TH %: 40 M.P.H.

15TH %: 35 M.P.H.

AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 70%

% OVER PACE: 22%

% UNDER PACE: 8%

REGISTERED PROFESSIONAL ENGINEER

RUBEN PERALES

No. 83169

CIVIL

STATE OF CALIFORNIA

TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 7

From 1/1/2019 to 12/31/2020

Total Collisions: 8

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

CHAPMAN AVE from HASTER ST to LEWIS ST

Page 1 of 2

8819141	3/24/2019	16:14	Sunday	CHAPMAN AVE - LEWIS ST	240'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Male Age: 35	2009 FORD		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Slowing/Stopping		Male Age: 31	2000 FORD		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Driver	East	Stopped in Road		Male Age: 43	2012 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8834939	3/27/2019	18:45	Wednesday	CHAPMAN AVE - HASTER ST	180'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Changing Lanes		Not Sta Age: 0-			Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	West	Proceeding Straight		Female Age: 58	2014 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8910074	7/4/2019	05:29	Thursday	CHAPMAN AVE - BAYPORT ST	421'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Other Unsafe Turning		Not Sta Age: 0-			Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Parked Vehicle	West	Parked		Not Sta Age: 2004	MINI		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 3 Parked Vehicle	West	Parked		Not Sta Age: 2014	NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 4 Parked Vehicle	West	Parked		Not Sta Age: 2010	TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
9010881	12/3/2019	20:48	Tuesday	CHAPMAN AVE - JETTY DR	298'	Direction: East	Dark - Street Ligh	Cloudy	Pty at Fault:
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Parking Maneuver		Female Age: 36	2005 TOYOTA		Mini Van	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Violation		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Passing Other Vehicle		Female Age: 46	2013 TOYOTA		Mini Van	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9061807	2/18/2020	07:52	Tuesday	CHAPMAN AVE - LEWIS ST	494'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Female Age: 29	2018 KIA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

CHAPMAN AVE from HASTER ST to LEWIS ST

Party 2	Driver	East	Stopped in Road	Female	Age: 44	2012 HONDA		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
Party 3	Driver	East	Stopped in Road	Female	Age: 42	2017 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
9126549		3/24/2020	19:57	Tuesday	CHAPMAN AVE - GRANT PL		200'	Direction: West	Daylight	Clear	Pty at Fault:1
Sideswipe		Other Motor Vehicle		Unsafe Lane Change		21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0	
Party 1	Driver	East	Changing Lanes	Not Sta	Age:	2002 FORD		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
Party 2	Driver	East	Proceeding Straight	Male	Age: 49	2005 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
9148985		8/26/2020	07:21	Wednesday	CHAPMAN AVE - HASTER ST		149'	Direction: East	Daylight	Clear	Pty at Fault:1
Not Stated		Other Motor Vehicle		Auto R/W Violation		21801A	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0	
Party 1	Driver	South	Making Left Turn	Female	Age: 52	2001 -		Passenger Car, Station Wagon, Jeep	Complaint of Pain		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
Party 2	Driver	East	Proceeding Straight	Female	Age: 26	2012 -		Passenger Car, Station Wagon, Jeep	Complaint of Pain		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
9209445		11/29/2020	19:02	Sunday	CHAPMAN AVE - BAYPORT ST		187'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
Vehicle - Pedestrian		Pedestrian		Pedestrian Violation		21956A	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0	
Party 1	Pedestrian	North	Other	Male	Age: 67	0 -		Pedestrian	No Injury		
Veh Type: Pedestrian		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 2	Driver	West	Proceeding Straight	Female	Age: 18	2008 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			

Segment Length: 0.50 miles (2,641')

Settings for Query:

Segment: CHAPMAN AVE between HASTER ST and LEWIS ST

Include Intersection Related at Limit 1 (HASTER ST): False

Include Intersection Related at Limit 2 (LEWIS ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Garden Grove Boulevard

LIMITS: Knott St to Western Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55	X		1
54			0
53	X		1
52		X	1
51		X	1
50			0
49	X X		2
48	X		1
47		X X	2
46	X X X X	X	5
45	X X	X X	4
44	X X X X X	X X X	8
43	X X	X X X X	6
42	X X X X X X X	X X X X	11
41	X X X X	X X X X X X X X	12
40	X X X X X X X X X X X X	X X X X X X X X	19
39	X X X X X X X X X X X X X X	X X X X X X X X X X X X X X	25
38	X X X X X X X X X X	X X X X X X X X	16
37	X X X X X X X X X X X X X X	X X X X X X X X X X X X X X	26
36	X X X X X X X X	X X X X X X X	15
35	X X X	X X X X X X X X X X	13
34	X X X X X	X X X X X X X X	13
33	X X X X	X X X X X	9
32	X X X X	X	5
31		X	1
30	X		1
29		X X	2
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/14/2021 TIME: 9:01 AM - 9:54 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, Raised median/Two-way left-turn lane, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Industrial/Office Park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 20,900 vehicles SEGMENT LENGTH: 0.35 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 42 M.P.H.

50TH %: 38 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 80%

% OVER PACE: 16%

% UNDER PACE: 5%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 0
Injury Collisions: 0
Fatal Collisions: 0

Collision Summary Report

10/26/21

GARDEN GROVE BLVD from KNOTT ST to WESTERN AVE

Page 1 of 1

Segment Length: 0.35 miles (1,835')

Settings for Query:

Segment: GARDEN GROVE BLVD between KNOTT ST and WESTERN AVE

Include Intersection Related at Limit 1 (KNOTT ST): False

Include Intersection Related at Limit 2 (WESTERN AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Garden Grove Boulevard

LIMITS: Western Ave to Beach Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55		X	1
54			0
53			0
52	X	X	2
51			0
50		X	1
49		X	1
48	X X	X X	4
47	X	X X	3
46	X X		2
45	X	X	2
44	X X	X X X	5
43	X X X	X X X	6
42	X X	X X	4
41	X X X X X X X	X X X X X	12
40	X X X X X X X X	X X X	11
39	X X X X X X X X	X X X X X	12
38		X X	2
37	X X X X X	X X X X X X	11
36	X X X X	X X X X	8
35	X X X	X X	5
34	X X	X X	4
33			0
32		X	1
31		X	1
30		X	1
29			0
28		X	1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/14/2021 TIME: 8:34 AM - 8:55 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, Two-way left-turn lane, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Industrial/Office Park

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 25,400 vehicles SEGMENT LENGTH: 0.49 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.11 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 44 M.P.H.

50TH %: 39 M.P.H.

15TH %: 35 M.P.H.

AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 76%

% OVER PACE: 16%

% UNDER PACE: 8%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

GARDEN GROVE BLVD from WESTERN AVE to BEACH BLVD

Page 1 of 1

8889497	6/13/2019	03:30	Thursday	GARDEN GROVE BLVD - VILLAGE CENTER DR	109'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Female	Age: 28	2016 HONDA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Not Stated	Not Stated		
9003955	11/23/2019	08:17	Saturday	GARDEN GROVE BLVD - WESTERN AVE	350'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Improper Turning	22100A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Making Right Turn		Male	Age: 53	2016 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Proceeding Straight		Male	Age: 33	2016 FORD	Police Car		No Injury
Veh Type: Emergency Vehicle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		

Segment Length: 0.49 miles (2,580')

Settings for Query:

Segment: GARDEN GROVE BLVD between WESTERN AVE and BEACH BLVD
Include Intersection Related at Limit 1 (WESTERN AVE): False
Include Intersection Related at Limit 2 (BEACH BLVD): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Garden Grove Boulevard

LIMITS: Beach Blvd to Dale St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58	X		1
57			0
56			0
55			0
54		X	1
53	X		1
52	X X		2
51	X		1
50		X	1
49	X X X	X X	5
48	X X X X X X X X X X X	X X X	13
47	X X X X X	X	6
46	X X X	X	4
45		X X X X X X	6
44	X X X X X X X X X X X X	X X X X X	15
43	X X X X X X X	X X	9
42	X X X X X X X	X X X X X	11
41	X X X	X X X X X X X X X X X X X X X X	17
40	X X X X X X	X X X X X X	12
39	X X X X X	X X X X X X X X X X X	15
38	X X X X X X X X X X X	X X X X X	15
37	X X X X X X X X	X X X X X X X X	14
36	X X X X	X X X X X X X X X X X	13
35	X X X X X X X X	X X X	10
34	X X X X	X X X X X X X X	11
33	X	X X X X	5
32		X	1
31	X X X	X X	5
30	X	X	2
29		X	1
28		X	1
27			0
26		X	1
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			199

DATE: 9/14/2021 TIME: 10:09 AM - 10:39 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two/three lanes each direction, Raised median/Two-way left-turn lane, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Industrial, Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 23,500 vehicles SEGMENT LENGTH: 0.51 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.34 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 46 M.P.H.

50TH %: 39 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 66%

% OVER PACE: 21%

% UNDER PACE: 14%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: WB Lane Drop at Fern St, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

GARDEN GROVE BLVD from BEACH BLVD to DALE ST

Page 1 of 1

8830471	2/27/2019	10:54	Wednesday	GARDEN GROVE BLVD - FERN ST			352'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0	
Party 1	Driver	West	Proceeding Straight	Not Sta	Age: 0 -			Unknown Hit and Run Vehicle Involvem	No Injury		
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated			
Party 2	Driver	West	Making Right Turn	Female	Age: 20	2018 HONDA		Passenger Car, Station Wagon, Jeep	No Injury		
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
8863882	5/6/2019	07:47	Monday	GARDEN GROVE BLVD - BEACH BLVD			195'	Direction: East	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Unsafe Lane Change		21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0	
Party 1	Driver	West	Changing Lanes	Female	Age: 18	2000 JEEP		Passenger Car, Station Wagon, Jeep	No Injury		
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
Party 2	Driver	West	Proceeding Straight	Female	Age: 23	2016 HYUNDAI		Passenger Car, Station Wagon, Jeep	No Injury		
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated			
9022763	12/26/2019	05:06	Thursday	GARDEN GROVE BLVD - GOLDEN CIR			78'	Direction: West	Dark - Street Ligh	Cloudy	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed		22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0	
Party 1	Driver	East	Proceeding Straight	Male	Age: 82	2003 HONDA		Passenger Car, Station Wagon, Jeep	No Injury		
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed		Not Stated			

Segment Length: 0.51 miles (2,705')

Settings for Query:

Segment: GARDEN GROVE BLVD between BEACH BLVD and DALE ST

Include Intersection Related at Limit 1 (BEACH BLVD): False

Include Intersection Related at Limit 2 (DALE ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Garden Grove Boulevard

LIMITS: Dale St to Magnolia St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55		X	1
54			0
53	X		1
52	X X X		3
51			0
50			0
49			0
48	X		1
47	X	X X	3
46	X	X X X	4
45	X X X	X X	5
44	X X X X X	X X X X	9
43	X X	X X X	5
42	X X X X X X	X X X X X X X	13
41	X X X X X X X X X X	X X X X X X X X	18
40	X X X X X X X X X X	X X X X X X X X X X	20
39	X X X X X X X X	X X X X X X X X	17
38	X X	X X X X X	8
37	X X X X X X X	X X X X X	12
36	X X X X X X X X X X	X X X X X X X X X	20
35	X X X X X X X X X X	X X X X X X X X X X	20
34	X X X X X X	X X X X X X X X X	16
33	X X X X	X X	6
32	X X	X X X	5
31	X X X X X	X X	7
30	X X		2
29	X	X X	3
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			199

DATE: 9/14/2021 TIME: 10:53 AM - 11:13 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 26,900 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 5 midblock collisions

ACCIDENT RATE: 0.51 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 42 M.P.H.

50TH %: 38 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 75%

% OVER PACE: 16%

% UNDER PACE: 9%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 5

From 1/1/2019 to 12/31/2020

**Total Collisions: 9
Injury Collisions: 3
Fatal Collisions: 0**

Collision Summary Report

10/26/21

GARDEN GROVE BLVD from DALE ST to MAGNOLIA ST

Page 1 of 2

8870292	5/2/2019	21:45	Thursday	GARDEN GROVE BLVD - YOCKEY ST	268'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misd	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Changing Lanes	Male	Age: 30	2016 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 2	Driver	East	Proceeding Straight	Male	Age: 25	2014 CHEVROLET	Pickups & Panels	No Injury	
	Veh Type: Pickup Truck		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 3	Parked Vehicle	North	Parked	Not Sta	Age:	1999 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable			Assoc Factor: Not Stated	Not Stated	Not Stated	
8949892	9/15/2019	20:35	Sunday	GARDEN GROVE BLVD - MAGNOLIA ST	63'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Male	Age: 65	2004 FORD	Pickups & Panels	No Injury	
	Veh Type: Pickup Truck		Sobriety: HBD Under Influence			Assoc Factor: Not Stated	Not Stated	Not Stated	
8992666	11/12/2019	23:12	Tuesday	GARDEN GROVE BLVD - DALE ST	96'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Other		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Making U Turn	Male	Age: 64	2003 CADILLAC	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence			Assoc Factor: Not Stated	Not Stated	Not Stated	
9022738	12/5/2019	00:40	Thursday	GARDEN GROVE BLVD - NEWLAND ST	205'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Male	Age: 56	2018 KIA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence			Assoc Factor: Violation	Air Bag Not Deployed	Not Stated	
9059451	2/10/2020	19:18	Monday	GARDEN GROVE BLVD - YOCKEY ST	72'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misd	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Making U Turn	Male	Age: 28	2016 VOLKSWAGEN	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno			Assoc Factor: Not Stated	Not Stated	Not Stated	
Party 2	Driver	East	Proceeding Straight	Female	Age: 48	2004 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
9049525	2/17/2020	14:30	Monday	GARDEN GROVE BLVD - NEWLAND ST	98'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Changing Lanes	Male	Age: 97	2015 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 2	Driver	East	Proceeding Straight	Female	Age: 25	2017 JEEP	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	

GARDEN GROVE BLVD from DALE ST to MAGNOLIA ST

9107421	5/23/2020	19:11	Saturday	GARDEN GROVE BLVD - MAGNOLIA ST	473'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Other Unsafe Turning	Not Sta	Age: 2015 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	West	Proceeding Straight	Female	Age: 68 1999 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9196295	11/13/2020	12:30	Friday	GARDEN GROVE BLVD - MAGNOLIA ST	70'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight	Not Sta	Age: 2008 -			Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	East	Changing Lanes	Female	Age: 20 2009 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9223040	12/19/2020	22:40	Saturday	GARDEN GROVE BLVD - NEWLAND ST	510'	Direction: East	Daylight	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	West	Making U Turn	Male	Age: 75 2001 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	East	Proceeding Straight	Male	Age: 59 2004 -			Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		

Segment Length: 0.50 miles (2,640')

Settings for Query:

Segment: GARDEN GROVE BLVD between DALE ST and MAGNOLIA ST

Include Intersection Related at Limit 1 (DALE ST): False

Include Intersection Related at Limit 2 (MAGNOLIA ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Garden Grove Boulevard

LIMITS: Magnolia St to Gilbert St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54		X	1
53			0
52			0
51			0
50		X	1
49	X	X X	3
48	X X	X X X X X	7
47	X	X	2
46		X X X X	4
45	X X X	X X X	6
44	X X	X X X X	6
43	X X X X X	X X	7
42	X X X X X X X X X	X X X X X X	15
41	X X X X	X X X X	8
40	X X X X X X X X X X	X X X X X X X	17
39	X X X X X X X X X X	X X X X X X X X X X X	20
38	X X X X	X X X X X X X X X X X X X X X X	159
37	X X X X X X X X X X X X	X X X X X X X X	20
36	X X X X X X X X X X	X X X	13
35	X X X	X X X X	7
34	X X X X X X X	X X X X	11
33	X X X X X X X X X X X X X X	X X X X	17
32	X	X X X X	5
31	X X	X X	4
30	X X	X X	4
29		X X X	3
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			340

DATE: 9/14/2021 TIME: 12:00 PM - 12:27 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 26,300 vehicles SEGMENT LENGTH: 0.48 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 0.44 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 41 M.P.H.

50TH %: 37 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 84%

% OVER PACE: 11%

% UNDER PACE: 5%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

**Total Collisions: 6
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

GARDEN GROVE BLVD from MAGNOLIA ST to GILBERT ST

Page 1 of 2

8801456	2/16/2019	19:26	Saturday	GARDEN GROVE BLVD - GILBERT ST		85'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Broadside			Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Making Right Turn	Male	Age: 17	2006 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Driver	East	Slowing/Stopping	Female	Age: 26	2008 HONDA		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8819157	3/16/2019	19:20	Saturday	GARDEN GROVE BLVD - CASA LINDA LN (W)		515'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Broadside			Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	South	Making Left Turn	Female	Age: 21	2013 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Driver	East	Proceeding Straight	Female	Age: 40	2007 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
8870483	5/23/2019	17:59	Thursday	GARDEN GROVE BLVD - CASA LINDA LN (W)		160'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Male	Age: 54	1998 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Driver	East	Stopped in Road	Female	Age: 65	2017 NISSAN		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8973033	7/27/2019	15:00	Saturday	GARDEN GROVE BLVD - CASA LINDA LN (W)		270'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe			Bicycle	Auto R/W Violation	21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Making Right Turn	Male	Age: 20	2000 INFINITI		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Bicyclist	West	Proceeding Straight	Male	Age: 30	0 -		Bicycle		No Injury
	Veh Type: Bicycle		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
9083831	3/13/2020	17:06	Friday	GARDEN GROVE BLVD - MAGNOLIA ST		125'	Direction: East	Daylight	Raining	Pty at Fault:1
	Broadside			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Crossed Into Opposing Lane	Male	Age: 21	2006 -		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Driver	West	Stopped in Road	Male	Age: 24	2013 -		Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3	Driver	West	Stopped in Road	Male	Age: 26	2017 FORD				No Injury
	Veh Type: Not Stated		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

GARDEN GROVE BLVD from MAGNOLIA ST to GILBERT ST

9129192	6/12/2020	18:00	Friday	GARDEN GROVE BLVD - GILBERT ST	285'	Direction: West	Daylight	Clear	Pty at Fault:1
	Head-On		Fixed Object	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Ran Off Road	Not Sta	Age: 2018 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated			

Segment Length: 0.48 miles (2,528')

Settings for Query:

Segment: GARDEN GROVE BLVD between MAGNOLIA ST and GILBERT ST

Include Intersection Related at Limit 1 (MAGNOLIA ST): False

Include Intersection Related at Limit 2 (GILBERT ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Garden Grove Boulevard

LIMITS: Gilbert St to Brookhurst St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53		X	1
52			0
51	X X		2
50			0
49	X X X	X X	5
48	X X X X		4
47	X	X	2
46		X X X	3
45	X X X X	X X X X X X	10
44	X X X X	X X	6
43	X X	X X	4
42	X X X X X	X X X X	9
41	X X X X X X X X X	X X X	12
40	X X X X X X X X	X X X X X X	14
39	X X X X X X X	X X X X X X X X X X	17
38	X X X X X X X X	X X X X X	13
37	X X	X X X X X	7
36	X X X	X X X X X X X X X X X X	16
35	X X X X X X X X X	X X X X X X X X X X X X X X	21
34	X X X X X	X X X X	9
33	X X X X X X X X X	X X X X X X X X X X X X	19
32	X X	X X X	5
31	X X X X	X X X	7
30	X	X	2
29	X	X	2
28	X X	X	3
27	X		1
26	X X		2
25	X X X		3
24	X		1
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/14/2021 TIME : 1:03 PM - 1:37 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 23,000 vehicles SEGMENT LENGTH: 0.69 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 8 midblock collisions

ACCIDENT RATE: 0.70 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 43 M.P.H.

50TH %: 37 M.P.H.

15TH %: 32 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 69%

% OVER PACE: 19%

% UNDER PACE: 13%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 8

From 1/1/2019 to 12/31/2020

**Total Collisions: 9
Injury Collisions: 4
Fatal Collisions: 0**

Collision Summary Report

10/26/21

GARDEN GROVE BLVD from GILBERT ST to BROOKHURST ST

Page 1 of 2

8844560	4/5/2019	18:05	Friday	GARDEN GROVE BLVD - VILLAGE RD			100'	Direction: West	Daylight	Clear	Pty at Fault:
	Other		Bicycle	Unknown				Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1 Driver	East	Making Right Turn		Male	Age: 70	2014 LEXUS		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
Party 2 Bicyclist	East	Proceeding Straight		Male	Age: 13	0-		Bicycle		No Injury	
Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated			Not Stated		Not Stated		
8856958	4/14/2019	10:00	Sunday	GARDEN GROVE BLVD - GALWAY ST (W)			463'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Not Sta	Age:	0-		Unknown Hit and Run Vehicle Involvem		No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated			Not Stated		Not Stated		
Party 2 Driver	East	Making Right Turn		Female	Age: 59	2015 NISSAN		Passenger Car, Station Wagon, Jeep		Complaint of Pain	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
Party 3 Driver	North	Stopped in Road		Male	Age: 23	2011 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
8909873	7/28/2019	13:38	Sunday	GARDEN GROVE BLVD - KERRY ST			646'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation			21804A	Hit & Run: No	Other Visible Injury	# Inj: 3	# Killed: 0
Party 1 Driver	North	Making Left Turn		Male	Age: 19	2013 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Deployed		Not Stated		
Party 2 Driver	East	Proceeding Straight		Male	Age: 38	2006 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Deployed		Not Stated		
8961939	8/30/2019	14:57	Friday	GARDEN GROVE BLVD - GILBERT ST			283'	Direction: East	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed			22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Female	Age: 58	2016 LEXUS		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
8974695	10/4/2019	17:55	Friday	GARDEN GROVE BLVD - BROOKHURST ST			63'	Direction: West	Dusk - Dawn	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Changing Lanes		Male	Age: 82	2004 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
Party 2 Driver	West	Stopped in Road		Female	Age: 24	1999 JEEP		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated			Air Bag Not Deployed		Not Stated		
9051761	2/2/2020	08:05	Sunday	GARDEN GROVE BLVD - KERRY ST			105'	Direction: East	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Traffic Signals and Signs			21453A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

GARDEN GROVE BLVD from GILBERT ST to BROOKHURST ST

Party 1 Driver	West	Proceeding Straight	Male	Age: 41	2002 CHEVROLET		Two Axle Truck	No Injury	
Veh Type: Truck		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2 Driver	South	Making Left Turn	Female	Age: 62	2017 DODGE		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
9121761	7/1/2020	21:56	Wednesday	GARDEN GROVE BLVD - BROOKHURST ST		525'	Direction: West	Dark - Street Ligh Clear	Pty at Fault:1
	Head-On		Fixed Object		Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	East	Other Unsafe Turning	Not Sta	Age:	2004 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
9148987	8/26/2020	17:43	Wednesday	GARDEN GROVE BLVD - BROOKHURST ST		389'	Direction: West	Daylight Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle		Unsafe Speed	22350	Hit & Run: No	Other Visible Injury	# Inj: 1 # Killed: 0
Party 1 Driver	West	Proceeding Straight	Male	Age: 40	2014 -		Motorcycle	Other Visible Injury	
Veh Type: Motorcycle		Sobriety: HNBD			Assoc Factor: Not Stated	Not Required	Not Stated		
Party 2 Driver	West	Stopped in Road	Male	Age: 24	1999 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
9183337	10/16/2020	19:09	Friday	GARDEN GROVE BLVD - BROOKHURST ST		393'	Direction: West	Dark - Street Ligh Clear	Pty at Fault:1
	Hit Object		Fixed Object		Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	East	Other Unsafe Turning	Female	Age: 17	2015 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		

Segment Length: 0.68 miles (3,601')

Settings for Query:

Segment: GARDEN GROVE BLVD between GILBERT ST and BROOKHURST ST

Include Intersection Related at Limit 1 (GILBERT ST): False

Include Intersection Related at Limit 2 (BROOKHURST ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Garden Grove Boulevard

LIMITS: Brookhurst St to Nelson St/Century Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55	X		1
54		X	1
53			0
52	X		1
51	X X X X		4
50	X X		2
49		X X	2
48		X X	2
47	X		1
46	X X X X X X	X X X X	10
45	X X X X X	X X X	8
44	X X X	X X X	6
43	X X X	X X X X	7
42	X X X X X	X X X X X X X X	13
41	X X X X X X X X X	X X X X X X	15
40	X X X X X X X X	X X X X X X X X X	17
39	X X X X X X X X X X X X X X	X X X X X X X X X	22
38	X X X X X X X	X X X X X X X	14
37	X X X X X X X X X	X X X X X X	15
36	X X X X X	X X X X X X X X X X X X X	18
35	X X X X X X X X X	X X X	11
34	X X	X X X X X X	8
33	X X X	X X X	6
32	X X X	X X X X X	8
31	X	X X X	4
30			0
29	X		1
28			0
27			0
26		X	1
25		X X	2
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/15/2021 TIME: 1:25 PM - 1:46 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 28,000 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 0.39 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 44 M.P.H.

50TH %: 38 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 70%

% OVER PACE: 19%

% UNDER PACE: 11%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

Total Collisions: 11

Injury Collisions: 3

Fatal Collisions: 0

Collision Summary Report

10/26/21

GARDEN GROVE BLVD from BROOKHURST ST to NELSON ST

Page 1 of 2

8889445	6/4/2019	12:01	Tuesday	GARDEN GROVE BLVD - NUTWOOD ST		250'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe			Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Making Left Turn		Not Sta	Age: 0-					No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	West	Proceeding Straight		Male	Age: 48	2002 HONDA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8889517	6/8/2019	21:53	Saturday	GARDEN GROVE BLVD - BROOKHURST ST		134'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Changing Lanes		Not Sta	Age: 0-			Unknown Hit and Run Vehicle Involvem		No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	West	Proceeding Straight		Male	Age: 64	2005 DODGE		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8943635	8/16/2019	02:33	Friday	GARDEN GROVE BLVD - CYPRESS ST		85'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object			Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Male	Age: 42	2018 HONDA		Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
8957250	9/25/2019	00:07	Wednesday	GARDEN GROVE BLVD - BOWEN ST		175'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	Not S	Proceeding Straight		Not Sta	Age: 0-			Unknown Hit and Run Vehicle Involvem		No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	West	Proceeding Straight		Male	Age: 30	2015 AUDI		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
9007200	10/18/2019	18:56	Friday	GARDEN GROVE BLVD - BOWEN ST		67'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Other			Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Changing Lanes		Male	Age: 23	2000 LEXUS		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8993595	11/14/2019	04:01	Thursday	GARDEN GROVE BLVD - NUTWOOD ST		135'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object			Fixed Object	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Male	Age: 21	2006 INFINITI		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9115734	6/11/2020	11:03	Thursday	GARDEN GROVE BLVD - BROOKHURST ST		279'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0

GARDEN GROVE BLVD from BROOKHURST ST to NELSON ST

Party 1	Driver	West	Proceeding Straight	Male	Age: 69	2006 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2	Driver	West	Stopped in Road	Male	Age: 73	2001 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 3	Driver	West	Stopped in Road	Male	Age: 26	2014 -		Passenger Car, Station Wagon, Jeep	Complaint of Pain		
Veh Type: Passenger Car			Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9123870	6/11/2020	22:16	Thursday	GARDEN GROVE BLVD - NELSON ST			123'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
Vehicle - Pedestrian		Pedestrian		Pedestrian Violation			21954A	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1	Pedestrian	Not S	Other	Male	Age: 39	0 -		Pedestrian	Severe Injury		
Veh Type: Pedestrian			Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2	Driver	West	Proceeding Straight	Male	Age: 22	2008 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9129175	7/2/2020	09:06	Thursday	GARDEN GROVE BLVD - BOWEN ST			69'	Direction: West	Daylight	Clear	Pty at Fault:1
Vehicle - Pedestrian		Pedestrian		Auto R/W Violation			21804A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	South	Entering Traffic	Male	Age: 39	2012 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2	Pedestrian	East	Proceeding Straight	Female	Age: 56	0 -		Pedestrian	No Injury		
Veh Type: Pedestrian			Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated			
9171592	10/3/2020	12:33	Saturday	GARDEN GROVE BLVD - NELSON ST			132'	Direction: West	Daylight	Clear	Pty at Fault:1
Hit Object			Fixed Object	Improper Turning			22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Ran Off Road	Female	Age: 20	2001 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9199461	10/29/2020	11:07	Thursday	GARDEN GROVE BLVD - NUTWOOD ST			87'	Direction: West	Daylight	Clear	Pty at Fault:1
Other			Other Object	Other Improper Driving				Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Male	Age: 27	2014 FORD		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2	Driver	West	Proceeding Straight	Male	Age: 77	1968 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car			Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			

Segment Length: 0.58 miles (3,041')

Settings for Query:

Segment: GARDEN GROVE BLVD between BROOKHURST ST and NELSON ST

Include Intersection Related at Limit 1 (BROOKHURST ST): False

Include Intersection Related at Limit 2 (NELSON ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Garden Grove Boulevard

LIMITS: Nelson St to Euclid St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51	X		1
50		X	1
49			0
48		X	1
47	X X		2
46	X		1
45	X X X	X X X X	7
44	X X	X X	4
43	X X X X X X	X X X X X	11
42	X X X X	X X X X X	9
41	X X X X X X X	X X X X X	12
40	X X X X X X	X X X X X X X X X X X X X	19
39	X X X X X X X X X X X X X	X X X X X X X	19
38	X X X X X X X	X X X X X X X X X X X X	19
37	X X X X X X X X	X X X X X X	14
36	X X X X X X X	X X X X X X X X X X X X	19
35	X X X X X X X X X X	X X X X X	14
34	X X X X X	X X X X X X	11
33	X X X X	X X X X X X X	11
32	X	X X X X X X	7
31	X X X X X X	X	6
30	X X X X	X	5
29	X X X		3
28	X X		2
27		X	1
26	X		1
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/15/2021 TIME: 12:20 PM - 12:40 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Residential, School

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 24,600 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.33 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 42 M.P.H.

50TH %: 37 M.P.H.

15TH %: 32 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 74%

% OVER PACE: 9%

% UNDER PACE: 18%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 3
Fatal Collisions: 0**

Collision Summary Report

10/26/21

GARDEN GROVE BLVD from NELSON ST to EUCLID ST

Page 1 of 1

8897235	6/5/2019	14:49	Wednesday	GARDEN GROVE BLVD - NELSON ST			397'	Direction: East	Daylight	Clear	Pty at Fault:1
	Head-On			Other Motor Vehicle	Auto R/W Violation		21804A	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1	Driver	East	Making Left Turn	Male	Age: 19	1998 ACURA		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2	Driver	West	Proceeding Straight	Female	Age: 34	2015 KIA		Passenger Car, Station Wagon, Jeep		Complaint of Pain	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			
8909719	6/27/2019	11:21	Thursday	GARDEN GROVE BLVD - NELSON ST			200'	Direction: East	Daylight	Clear	Pty at Fault:1
	Broadside			Other Motor Vehicle	Auto R/W Violation		21801A	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Left Turn	Male	Age: 71	2003 HONDA		Mini Van		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2	Driver	West	Proceeding Straight	Male	Age: 44	2009 HONDA		Motorcycle		Severe Injury	
	Veh Type: Motorcycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Required	Not Stated			
9166782	9/18/2020	17:29	Friday	GARDEN GROVE BLVD - GROVE AVE			416'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside			Other Motor Vehicle	Auto R/W Violation		21804A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	West	Entering Traffic	Male	Age: 50	2017 -		Sport Utility Vehicle		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2	Driver	West	Proceeding Straight	Male	Age: 40	2006 -		Sport Utility Vehicle		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			

Segment Length: 0.41 miles (2,177')

Settings for Query:

Segment: GARDEN GROVE BLVD between NELSON ST and EUCLID ST

Include Intersection Related at Limit 1 (NELSON ST): False

Include Intersection Related at Limit 2 (EUCLID ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Garden Grove Boulevard

LIMITS: Euclid St to Newhope St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54		X	1
53			0
52			0
51		X	1
50		X	1
49	X X		2
48	X X	X X	4
47	X X X	X	4
46	X X X	X X X	6
45	X X X	X X	5
44	X X X X X X	X X X	9
43	X X X X	X X X X X X X X X	14
42	X X X X X X X	X X X X X X X	14
41	X X X	X X X X X X X	10
40	X X X X X X X X X X	X X X X X X X X X X X	23
39	X X X X X X X X X	X X X X X X X X	17
38	X X X X X X X X X X	X X X X X X X X X X X X	23
37	X X X X X X X X X X	X X X X X	15
36	X X X X X X	X X X X X X X X	14
35	X X X X	X X X X	8
34	X X X X X X X	X X X X	11
33	X X	X X X	5
32	X	X	2
31	X X X X X	X	6
30			0
29	X	X X	3
28		X	1
27	X		1
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/15/2021 TIME : 11:12 AM - 11:30 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Residential, School, Office Park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 28,800 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.28 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 43 M.P.H.

50TH %: 38 M.P.H.

15TH %: 34 M.P.H.

AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 75%

% OVER PACE: 17%

% UNDER PACE: 9%

REGISTERED PROFESSIONAL ENGINEER

RUBEN PERALES

RP

No. 83169

CIVIL
STATE OF CALIFORNIA

TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

**Total Collisions: 4
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

GARDEN GROVE BLVD from EUCLID ST to NEWHOPE ST

Page 1 of 1

8888902	6/12/2019	10:28	Wednesday	GARDEN GROVE BLVD - EUCLID ST			220'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning			22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Making Left Turn			Male	Age: 43	2000 TOYOTA	Two Axle Truck			No Injury
Veh Type: Truck		Sobriety: HNBD			Assoc Factor: Not Stated			Air Bag Not Deployed			Not Stated
Party 2 Driver	East	Proceeding Straight			Male	Age: 32	2006 NISSAN	Passenger Car, Station Wagon, Jeep			No Injury
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated			Air Bag Not Deployed			Not Stated
9054145	2/1/2020	01:40	Saturday	GARDEN GROVE BLVD - 9TH ST			120'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Driving Under Influence			23152	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Making Right Turn			Male	Age: 22	2016 DODGE	Passenger Car, Station Wagon, Jeep			No Injury
Veh Type: Passenger Car		Sobriety: HBD Under Influence			Assoc Factor: Not Stated			Air Bag Deployed			Not Stated
9097221	3/2/2020	07:56	Monday	GARDEN GROVE BLVD - 9TH ST			160'	Direction: East	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Unsafe Lane Change			21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Changing Lanes			Male	Age: 55	2008 FORD	Two Axle Tank Truck			No Injury
Veh Type: Truck		Sobriety: HNBD			Assoc Factor: Not Stated			Air Bag Not Deployed			Not Stated
Party 2 Driver	West	Proceeding Straight			Female	Age: 48	2012 -	Passenger Car, Station Wagon, Jeep			No Injury
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated			Air Bag Not Deployed			Not Stated
9182443	8/9/2020	02:54	Sunday	GARDEN GROVE BLVD - SAFFORD ST			190'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Fixed Object	Improper Turning			22107	Hit & Run: Misde	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	West	Proceeding Straight			Female	Age: 39	2003 -	Passenger Car, Station Wagon, Jeep			Complaint of Pain
Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated			Air Bag Deployed			Not Stated

Segment Length: 0.51 miles (2,690')

Settings for Query:

Segment: GARDEN GROVE BLVD between EUCLID ST and NEWHOPE ST
Include Intersection Related at Limit 1 (EUCLID ST): False
Include Intersection Related at Limit 2 (NEWHOPE ST): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Garden Grove Boulevard

LIMITS: Newhope St to Harbor Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53	X	X	2
52			0
51		X	1
50		X X	2
49	X X X	X X X X	7
48	X X	X X	4
47	X	X X X	4
46	X X X	X X X X	7
45	X X	X X X X X X	8
44	X X X X	X X X X X	9
43	X X X X X X X X X X	X X X X	14
42	X X X X X X X X	X X X X X X X	13
41	X X X X X X X X X X	X X X X X X X X X	17
40	X X X X X X X X X X	X X X X X X X X X	17
39	X X X X X X X X X X X X X X	X X X X X X X X X	20
38	X X X X X X X X X X X X X X	X X X X X X X X X X X	20
37	X X X X X X X	X X X	9
36	X X X X X X X	X X X X X X X X X X	14
35	X X X	X X X X X	8
34	X X X X X	X X X X X X X X X	11
33	X X	X X X	5
32	X	X	2
31	X X X	X X	5
30	X		1
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/15/2021 TIME: 10:18 AM - 10:38 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Residential, Office Park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 29,300 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 6 midblock collisions

ACCIDENT RATE: 0.56 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 44 M.P.H.

50TH %: 39 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 72%

% OVER PACE: 22%

% UNDER PACE: 7%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 6

From 1/1/2019 to 12/31/2020

Total Collisions: 8

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

GARDEN GROVE BLVD from NEWHOPE ST to HARBOR BLVD

Page 1 of 2

8815134	1/29/2019	20:14	Tuesday	GARDEN GROVE BLVD - DUNGAN LN		110'	Direction: West	Dark - Street Ligh	Cloudy	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Other Unsafe Turning		Female	Age: 55	2001 LEXUS		Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
8815850	2/26/2019	18:20	Tuesday	GARDEN GROVE BLVD - LEMONWOOD LN		230'	Direction: East	Daylight	Cloudy	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change		21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Changing Lanes		Not Sta	Age: 0-	Unknown Hit and Run Vehicle Involvem		No Injury		
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	East	Proceeding Straight		Female	Age: 47	2014 BMW		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8950665	8/2/2019	15:31	Friday	GARDEN GROVE BLVD - WEST ST		155'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Female	Age: 27	2012 MERCEDES-BENZ		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	East	Stopped in Road		Not Sta	Age: 25	2014 KIA		Mini Van		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 3 Driver	East	Stopped in Road		Female	Age: 28	2017 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 4 Driver	East	Not Stated		Female	Age: 40	2006 SCION		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8973059	9/27/2019	20:43	Friday	GARDEN GROVE BLVD - LEMONWOOD LN		94'	Direction: West	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed		22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Male	Age: 68	2015 TOYOTA		Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
8973931	10/4/2019	18:05	Friday	GARDEN GROVE BLVD - ROCKINGHORSE RD		244'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Male	Age: 22	2008 HONDA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	East	Stopped in Road		Male	Age: 27	2015 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8979679	11/12/2019	15:49	Tuesday	GARDEN GROVE BLVD - HARBOR BLVD		449'	Direction: West	Daylight	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Auto R/W Violation		21801A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0

GARDEN GROVE BLVD from NEWHOPE ST to HARBOR BLVD

Party 1	Driver	West	Making U Turn	Male	Age: 18	2007 LEXUS	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Driver	East	Proceeding Straight	Female	Age: 51	2019 MITSUBISHI	Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
9015436	11/30/2019	20:00	Saturday	GARDEN GROVE BLVD - NEWHOPE ST		85'	Direction: East	Dark - Street Ligh Clear	Pty at Fault:1
Sideswipe		Other Motor Vehicle		Driving Under Influence		23152A	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	East	Proceeding Straight	Male	Age: 44	2013 CHEVROLET	Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Driver	West	Proceeding Straight	Male	Age: 21	2003 DODGE	Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9182989	8/23/2020	12:30	Sunday	GARDEN GROVE BLVD - HARBOR BLVD		62'	Direction: West	Daylight Clear	Pty at Fault:1
Sideswipe		Other Motor Vehicle		Auto R/W Violation		21804A	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	East	Making Left Turn	Not Sta	Age:	2020 FORD	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Impairment Un		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2	Driver	East	Proceeding Straight	Male	Age: 30	2016 -	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.52 miles (2,723')**Settings for Query:****Segment: GARDEN GROVE BLVD between NEWHOPE ST and HARBOR BLVD****Include Intersection Related at Limit 1 (NEWHOPE ST): False****Include Intersection Related at Limit 2 (HARBOR BLVD): False****Include Intersection Related at Intermediate Intersections: False****Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Garden Grove Boulevard

LIMITS: Harbor Blvd to Haster St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60	X		1
59			0
58			0
57			0
56			0
55			0
54			0
53	X		1
52			0
51			0
50	X	X X	3
49			0
48	X X	X X X	5
47	X	X	2
46	X X X X	X X X	7
45	X	X X	3
44	X X X X X	X X X X X	10
43	X X X X X	X X X X X X X X X X X	17
42	X X X X X X	X X X X	10
41	X X X X X X X X	X X X X X	13
40	X X X X X X X X X X	X X X X X X X	17
39	X X X X X	X X X X X X X	13
38	X X X X X X X X X	X X X X X X X X X X	19
37	X X X X X X X X X X X	X X X X X	17
36	X X X X	X X X X X X X	11
35	X X X X X X	X X X	9
34	X X X X X X X	X X X	10
33	X X X X X X	X X X	9
32	X X	X X X X X X X	9
31	X X	X X X X	6
30	X	X X X X X X	7
29	X		1
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/15/2021 TIME : 9:32 AM - 10:04 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Residential, Hospital/Medical Clinic, Hotels, Business Park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 26,700 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 10 midblock collisions

ACCIDENT RATE: 1.02 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 43 M.P.H.

50TH %: 38 M.P.H.

15TH %: 33 M.P.H.

AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 68%

% OVER PACE: 11%

% UNDER PACE: 21%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 10

From 1/1/2019 to 12/31/2020

Total Collisions: 15

Injury Collisions: 4

Fatal Collisions: 0

Collision Summary Report

10/26/21

GARDEN GROVE BLVD from HARBOR BLVD to HASTER ST

Page 1 of 3

8815089	2/2/2019	17:07	Saturday	GARDEN GROVE BLVD - HARBOR BLVD		280'	Direction: East	Daylight	Raining	Pty at Fault:
	Sideswipe		Other Motor Vehicle	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Other Unsafe Turning		Male	Age: 74	1998 DODGE		Mini Van	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	West	Proceeding Straight		Female	Age: 48	2017 MITSUBISHI		Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8828514	3/12/2019	11:10	Tuesday	GARDEN GROVE BLVD - PARTRIDGE ST		120'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation		21801A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Making Left Turn		Female	Age: 47	2013 HYUNDAI		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	West	Proceeding Straight		Male	Age: 38	2004 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8819181	3/15/2019	14:56	Friday	GARDEN GROVE BLVD - PALM ST (E)		80'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning		22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Changing Lanes		Not Sta	Age: 0-	0-		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2 Driver	West	Proceeding Straight		Male	Age: 64	2004 INFINITI		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8863813	4/29/2019	09:00	Monday	GARDEN GROVE BLVD - HASTER ST		150'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Auto R/W Violation		21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Making Right Turn		Female	Age: 27	2002 CHRYSLER		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	West	Proceeding Straight		Female	Age: 54	2016 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8930925	8/4/2019	22:16	Sunday	GARDEN GROVE BLVD - PALM ST (E)		164'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed		22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Other Unsafe Turning		Female	Age: 30	2006 DODGE		Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8961456	9/13/2019	11:41	Friday	GARDEN GROVE BLVD - HARBOR BLVD		400'	Direction: East	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Pedestrian Violation		21954A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Pedestrian	South	Proceeding Straight		Female	Age: 75	0-		Pedestrian	No Injury	
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated		

GARDEN GROVE BLVD from HARBOR BLVD to HASTER ST

Party 2 Driver	East	Proceeding Straight	Male	Age: 60	2009 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9009608	12/14/2019	04:58	Saturday	GARDEN GROVE BLVD - HARBOR BLVD		200'	Direction: East	Dark - Street Ligh Clear	Pty at Fault:1
	Hit Object	Fixed Object	Unsafe Lane Change		21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0	
Party 1 Driver	West	Changing Lanes	Male	Age: 21	2016 DODGE		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9022791	12/18/2019	07:32	Wednesday	GARDEN GROVE BLVD - HARBOR BLVD		108'	Direction: East	Daylight Cloudy	Pty at Fault:1
	Head-On	Not Stated	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0	
Party 1 Driver	East	Making Left Turn	Male	Age: 33	2006 FORD		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9049463	1/24/2020	12:51	Friday	GARDEN GROVE BLVD - PALM ST (W)		409'	Direction: West	Daylight Clear	Pty at Fault:1
	Head-On	Fixed Object	Driving Under Influence		23152A	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0	
Party 1 Driver	West	Proceeding Straight	Male	Age: 51	1993 FORD		Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9066714	2/25/2020	08:29	Tuesday	GARDEN GROVE BLVD - SUNGROVE ST		260'	Direction: East	Daylight Clear	Pty at Fault:1
	Broadside	Other Motor Vehicle	Auto R/W Violation		21801A	Hit & Run: No	Other Visible Injury	# Inj: 1 # Killed: 0	
Party 1 Driver	South	Making Left Turn	Female	Age: 23	2016 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	East	Proceeding Straight	Male	Age: 32	2003 CHEVROLET		Sport Utility Vehicle	Other Visible Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9106693	5/1/2020	10:16	Friday	GARDEN GROVE BLVD - PALM ST (E)		82'	Direction: West	Dark - Street Ligh Clear	Pty at Fault:1
	Sideswipe	Parked Motor Vehicle	Improper Turning		22107	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0	
Party 1 Driver	East	Other Unsafe Turning	Not Sta	Age: 0-			Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Parked Vehicle	East	Parked	Not Sta	Age: 2006-			Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
9104740	5/31/2020	18:12	Sunday	GARDEN GROVE BLVD - BLACKBIRD ST		173'	Direction: East	Daylight Clear	Pty at Fault:1
	Rear-End	Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Complaint of Pain	# Inj: 2 # Killed: 0	
Party 1 Driver	East	Proceeding Straight	Male	Age: 20	2000-		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Stopped in Road	Male	Age: 29	2014-		Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Driver	East	Stopped in Road	Female	Age: 54	2016-		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9171590	10/5/2020	13:09	Monday	GARDEN GROVE BLVD - PARTRIDGE ST		69'	Direction: East	Daylight Clear	Pty at Fault:1
	Rear-End	Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0	
Party 1 Driver	West	Proceeding Straight	Not Sta	Age: 0-			Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	Not S	Stopped in Road	Male	Age: 34	2008-		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

GARDEN GROVE BLVD from HARBOR BLVD to HASTER ST

9185914	11/12/2020	17:07	Thursday	GARDEN GROVE BLVD - PALM ST (E)		324'	Direction: West	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Male	Age: 37	2016 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
9223447	12/11/2020	19:53	Friday	GARDEN GROVE BLVD - HASTER ST		190'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Auto R/W Violation		21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Entering Traffic		Not Sta	Age:	2012 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	West	Proceeding Straight		Female	Age: 35	2006 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated		

Segment Length: 0.81 miles (4,275')

Settings for Query:

Segment: GARDEN GROVE BLVD between HARBOR BLVD and HASTER ST

Include Intersection Related at Limit 1 (HARBOR BLVD): False

Include Intersection Related at Limit 2 (HASTER ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Garden Grove Boulevard

LIMITS: Haster St to Lewis St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55	X		1
54		X	1
53	X		1
52			0
51	X		1
50	X	X X X	4
49	X	X X	3
48	X X	X X X	5
47	X X X	X X X X X	8
46	X X X X X	X X X X X	10
45	X X X X	X X X X	8
44	X X X X X	X X X X X X X X	14
43	X X X X X X	X X X X X X	12
42	X X X X X X X X	X X X X X X	14
41	X X X X	X X X X X X X X X X X X X X	19
40	X X X X X X X X X X X X	X X X X X	16
39	X X X X X X X X X X X X X X	X X X X X	18
38	X X X X X X X X X X X X X X X X	X X X X X	22
37	X X X X X X X X	X X X X X X	13
36	X X X X	X X X X	8
35	X	X X X	4
34	X	X X X X	5
33	X X X X	X X X X X X	10
32		X X X	3
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/15/2021 TIME : 8:30 AM - 8:45 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, Raised median, Left-turn channelization

ADJACENT LAND USE: Retail/Commercial, Residential, Business Park

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 22,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.24 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 45 M.P.H.

50TH %: 40 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 73%

% OVER PACE: 12%

% UNDER PACE: 15%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Heavy Traffic due to Freeway On/Off Ramps, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 4
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

GARDEN GROVE BLVD from HASTER ST to LEWIS ST (N)

Page 1 of 1

8877467	2/6/2019	12:43	Wednesday	GARDEN GROVE BLVD - FAIRVIEW ST		382'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Male	Age: 30	2017 DODGE		Mini Van	No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	West	Stopped in Road		Male	Age: 21	2000 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8954066	8/2/2019	13:47	Friday	GARDEN GROVE BLVD - FAIRVIEW ST		55'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Other Unsafe Turning		Female	Age: 39	2017 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	East	Stopped in Road		Male	Age: 74	1990 GMC		Other Commercial	No Injury	
Veh Type: Other Bus		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9010901	12/4/2019	18:55	Wednesday	GARDEN GROVE BLVD - FAIRVIEW ST		363'	Direction: East	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Making Left Turn		Male	Age: 77	2015 BMW		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9082862	3/10/2020	09:29	Tuesday	GARDEN GROVE BLVD - FAIRVIEW ST		138'	Direction: West	Daylight	Cloudy	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed		22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	West	Making Left Turn		Male	Age: 20	2003 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		

Segment Length: 0.50 miles (2,640')

Settings for Query:

Segment: GARDEN GROVE BLVD between HASTER ST and LEWIS ST (N)

Include Intersection Related at Limit 1 (HASTER ST): False

Include Intersection Related at Limit 2 (LEWIS ST (N)): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Hazard Avenue

LIMITS: Cork St to Brookhurst St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53	X		1
52			0
51	X		1
50	X		1
49	X	X	2
48	X	X	2
47			0
46	X X X X	X X X	7
45	X X	X X X X X	7
44	X X X	X X X X X	8
43	X X X	X X X X X X X X	11
42	X X	X X	4
41	X X	X X X X X X	8
40	X X X	X X X X X X X X X	12
39	X X	X X X X	6
38	X X X X X X X		7
37	X	X X X	4
36	X X X X X	X	5
35	X X X X X		5
34	X X	X	3
33	X		1
32	X	X	2
31	X		1
30			0
29	X X		2
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/13/2021 TIME: 12:59 PM - 1:18 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes EB, one lane WB, Two-way left-turn lane.

ADJACENT LAND USE: Residential, Office, Retail/Commercial

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 14,600 vehicles SEGMENT LENGTH: 0.28 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 1.02 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 40 M.P.H.

15TH %: 35 M.P.H.

AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 74%

% OVER PACE: 7%

% UNDER PACE: 19%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

Total Collisions: 3

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

10/26/21

HAZARD AVE from CORK ST to BROOKHURST ST

Page 1 of 2

8815190	1/23/2019	13:03	Wednesday	HAZARD AVE - BROOKHURST ST			422'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning			22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Female	Age: 61	2006 NISSAN		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Deployed	Not Stated			
Party 2	Driver	West	Proceeding Straight	Male	Age: 77	2000 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 3	Parked Vehicle	West	Parked	Not Sta	Age:	1989 CHEVROLET		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
9061761	1/23/2020	23:43	Thursday	HAZARD AVE - BROOKHURST ST			307'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Driving Under Influence			23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Other Unsafe Turning	Male	Age: 37	2009 DODGE		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 2	Parked Vehicle	West	Parked	Not Sta	Age:	2007 FORD		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 3	Parked Vehicle	West	Parked	Not Sta	Age:	2002 JEEP		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 4	Parked Vehicle	West	Parked	Not Sta	Age:	2003 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 5	Parked Vehicle	West	Parked	Not Sta	Age:	2005 CADILLAC		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
9193947	9/20/2020	21:23	Sunday	HAZARD AVE - BROOKHURST ST			339'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Unsafe Speed			22350	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Not Sta	Age:	2008 -		Sport Utility Vehicle		No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Impairment Un	Assoc Factor: Not Stated			Air Bag Not Deployed	Not Stated			
Party 2	Parked Vehicle	West	Parked	Not Sta	Age:	2020 -		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 3	Parked Vehicle	West	Parked	Not Sta	Age:	2020 -		Sport Utility Vehicle		No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 4	Parked Vehicle	West	Parked	Not Sta	Age:	2017 -		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 5	Parked Vehicle	West	Parked	Not Sta	Age:	2003 -		Mini Van		No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			
Party 6	Parked Vehicle	West	Parked	Not Sta	Age:	2004 -		Pickups & Panels		No Injury	
	Veh Type: Pickup Truck		Sobriety: Not Applicable	Assoc Factor: Not Stated			Not Stated	Not Stated			

Segment Length: 0.27 miles (1,428')

Settings for Query:

Segment: HAZARD AVE between CORK ST and BROOKHURST ST

Include Intersection Related at Limit 1 (CORK ST): False

Include Intersection Related at Limit 2 (BROOKHURST ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Hazard Avenue

LIMITS: Brookhurst St to Ward St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58		X	1
57			0
56			0
55			0
54	X		1
53	X		1
52		X X	2
51		X	1
50		X X	2
49		X X	2
48	X X X	X	4
47	X X		2
46	X	X X X	4
45	X X	X X X X X X	8
44	X X X X X X X	X X	8
43	X X X X	X X	6
42	X X X	X X X X X	8
41	X X X	X X X X	7
40	X X X X	X X	6
39	X X X X X X	X X	8
38	X X X X	X X X X	8
37	X X X X	X X X	7
36	X X	X X X	5
35	X X	X	3
34	X	X	2
33		X	1
32	X		1
31			0
30			0
29		X	1
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			99

DATE: 9/13/2021 TIME: 1:20 PM - 1:42 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Striped yellow centerline

ADJACENT LAND USE: Residential, Retail/Commercial

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 13,800 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.20 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 47 M.P.H.

50TH %: 41 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 36 - 45 M.P.H.

% IN PACE: 72%

% OVER PACE: 20%

% UNDER PACE: 8%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, No Left Turn Channelization, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 1
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

HAZARD AVE from BROOKHURST ST to WARD ST

Page 1 of 1

8844556	4/9/2019	04:38	Tuesday	HAZARD AVE - DEANANN PL			288'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
Sideswipe			Parked Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Complaint of Pain		# Inj: 1	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Female	Age: 21	2007 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Not Stated			Assoc Factor: Not Stated	Air Bag Deployed		Not Stated			
Party 2 Parked Vehicle	West	Parked		Not Sta	Age:	2002 LEXUS		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable			Assoc Factor: Not Stated	Not Stated		Not Stated			
Party 3 Parked Vehicle	West	Parked		Not Sta	Age:	2015 MAZDA		Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable			Assoc Factor: Not Stated	Not Stated		Not Stated			

Segment Length: 0.51 miles (2,697')

Settings for Query:

Segment: HAZARD AVE between BROOKHURST ST and WARD ST
Include Intersection Related at Limit 1 (BROOKHURST ST): False
Include Intersection Related at Limit 2 (WARD ST): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Hazard Avenue

LIMITS: Ward St to Euclid St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60		X	1
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49		X X	2
48			0
47	X		1
46		X X X X	4
45	X X X X X	X X X X X X	10
44	X X	X X X	5
43	X	X X	3
42	X	X	2
41	X X X X X X X X	X X X X X	12
40	X X X X	X X X	7
39	X X X X X	X X X X X X X X	13
38	X X X	X X X X	7
37	X X	X X X X	6
36	X X	X X X	5
35	X X	X	3
34	X X X X X X	X X	8
33	X X X	X	4
32	X X		2
31	X	X	2
30	X		1
29	X X		2
28	X		1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			101

DATE: 9/13/2021 TIME: 1:45 PM - 2:04 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, Striped yellow centerline

ADJACENT LAND USE: Residential, School

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 12,700 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.64 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 38 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 36 - 45 M.P.H.

% IN PACE: 69%

% OVER PACE: 8%

% UNDER PACE: 23%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

HAZARD AVE from WARD ST to EUCLID ST

Page 1 of 1

8956720	10/1/2019	19:56	Tuesday	HAZARD AVE - EUCLID ST			168'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed			22350	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Female	Age: 50	2009 BMW			Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2	Driver	East	Stopped in Road	Female	Age: 50	2004 TOYOTA			Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 4	Driver	Not S	Not Stated	Male	Age: 30	0 -				No Injury	
	Veh Type: Not Stated		Sobriety: Not Stated		Assoc Factor: Not Stated		Not Stated		Not Stated		
9109352	5/11/2020	00:09	Monday	HAZARD AVE - WARD ST			758'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Unsafe Speed			22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Female	Age: 57	2003 -			Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2	Parked Vehicle	West	Parked	Not Sta	Age:	2009 -			Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated		
9196299	11/15/2020	20:30	Sunday	HAZARD AVE - WARD ST			160'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Bicycle	Wrong Side of Road			21650	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Bicyclist	East	Proceeding Straight	Not Sta	Age:	0 -			Bicycle	No Injury	
	Veh Type: Bicycle		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2	Parked Vehicle	West	Parked	Not Sta	Age:	2015 -			Pickups & Panels	No Injury	
	Veh Type: Pickup Truck		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated		Not Stated		

Segment Length: 0.49 miles (2,600')

Settings for Query:

**Segment: HAZARD AVE between WARD ST and EUCLID ST
Include Intersection Related at Limit 1 (WARD ST): False
Include Intersection Related at Limit 2 (EUCLID ST): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Manley St to Valley View St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60		X	1
59			0
58			0
57	X	X	2
56		X X	2
55		X	1
54	X	X X	3
53		X	1
52		X X X X X	5
51	X X X X	X X X X X X	10
50	X X X X X	X X	7
49	X X X X X	X X X X	9
48	X X X X	X	5
47	X X X X X	X X X X X X	11
46	X X X X X X X	X X X X X X X X X X	18
45	X X	X X X X X X X X	10
44	X X X X X X X X X	X X X X X X X X	16
43	X X X X X X	X X X X X X	12
42	X X X X X X X	X X X X X	12
41	X X X X X X X	X X X X X X X	14
40	X X X X X X X X X X X X X	X X X X	16
39	X X X X X	X X X X X X	11
38	X X X X	X X X X X X	10
37	X X X X X X	X X X X	10
36	X X X X		4
35	X X X X	X X X	7
34			0
33	X X		2
32		X	1
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/31/2021 TIME: 8:43 AM - 9:46 AM

STREET CLASSIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, raised median, left-turn channelization, bike lane

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 11,500 vehicles SEGMENT LENGTH: 0.68 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.18 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 49 M.P.H.

50TH %: 43 M.P.H.

15TH %: 37 M.P.H.


AVERAGE SPEED: 44 M.P.H.

10 MPH PACE: 38 - 47 M.P.H.

% IN PACE: 65%

% OVER PACE: 23%

% UNDER PACE: 12%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 3
Fatal Collisions: 0**

Collision Summary Report

10/26/21

LAMPSON AVE from MANLEY ST to VALLEY VIEW ST

Page 1 of 1

9144250	8/20/2020	16:08	Thursday	LAMPSON AVE - BLACKMER ST	75'	Direction: West	Daylight	Clear	Pty at Fault:
	Head-On		Fixed Object	Other Than Driver or Ped		Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Male	Age: 47	1997 FORD	Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9166783	9/22/2020	16:20	Tuesday	LAMPSON AVE - VALLEY VIEW ST	51'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Entering Traffic		Female	Age: 64	2010 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	East	Proceeding Straight		Male	Age: 64	2006 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9228405	12/21/2020	09:07	Monday	LAMPSON AVE - BLACKMER ST	637'	Direction: West	Daylight	Clear	Pty at Fault:1
	Head-On		Fixed Object	Improper Turning	22107	Hit & Run: No	Complaint of Pain	# Inj: 3	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Male	Age: 27	1998 -	Passenger Car, Station Wagon, Jeep		Complaint of Pain
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		

Segment Length: 0.68 miles (3,564')

Settings for Query:

Segment: LAMPSON AVE between MANLEY ST and VALLEY VIEW ST

Include Intersection Related at Limit 1 (MANLEY ST): False

Include Intersection Related at Limit 2 (VALLEY VIEW ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Valley View St to Springdale St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55	X		1
54			0
53	X		1
52			0
51		X X X	3
50			0
49	X X X X X	X X X X	9
48	X X X X X X		6
47	X X	X X X X	6
46	X X X X X X X	X X X X X	12
45	X X X X X X	X X X X X	11
44	X X X X X X X X X X X X X X	X X X X X X X X X X	22
43	X X X X X X X	X X X X X X X X X X X X	19
42	X X X X X X X X X X X X X X	X X X X X X X X X X X X	25
41	X X X X X X X X X X X X X X	X X X X X X X X X X X	23
40	X X X X X X X X X X X X	X X X X X X X X X X X X X X X X	27
39	X X X X	X X X X X X	10
38	X X X X	X X X	7
37	X X X	X X X X	7
36	X	X X X	4
35	X	X	2
34	X	X	2
33		X	1
32		X X	2
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/31/2021 TIME: 10:00 AM - 11:07 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, raised median, left-turn channelization, bike lane

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 10,100 vehicles SEGMENT LENGTH: 0.57 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.24 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 45 M.P.H.

50TH %: 41 M.P.H.

15TH %: 38 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 82%

% OVER PACE: 13%

% UNDER PACE: 6%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lanes, Horizontal Curvature

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 1
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

LAMPSON AVE from VALLEY VIEW ST to SPRINGDALE ST

Page 1 of 1

8969446	9/27/2019	13:31	Friday	LAMPSON AVE - CHASE ST	220'	Direction: East	Daylight	Clear	Pty at Fault:1
	Head-On		Fixed Object	Improper Turning	22107	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Female Age: 36	2000 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		

Segment Length: 0.56 miles (2,980')

Settings for Query:

Segment: LAMPSON AVE between VALLEY VIEW ST and SPRINGDALE ST

Include Intersection Related at Limit 1 (VALLEY VIEW ST): False

Include Intersection Related at Limit 2 (SPRINGDALE ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Springdale St to Knott St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60	X		1
59			0
58		X	1
57			0
56			0
55	X		1
54		X	1
53	X X		2
52			0
51		X	1
50	X		1
49	X X X	X X X	6
48		X X X X X	5
47	X	X X	3
46	X X X	X X X X X X	9
45	X X X X X	X X X X X X X X X	13
44	X X X X	X X X X X X X X X X X	16
43	X X X X X X X X X X	X X X X X X X X X X X X	21
42	X X X X X X X X X X X X	X X X X X X	18
41	X X X X X X X X	X X X X X X X X X X	18
40	X X X X X X X X X X X X X X	X X X X X X X	22
39	X X X X X X X X X	X X X X X X	14
38	X X X X X X	X X	8
37	X X X X X X X	X X X X	11
36	X X X X X	X X X X X	10
35	X X X	X X X	6
34	X X	X X X	5
33	X X		2
32	X X	X	3
31	X	X	2
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 8/31/2021 TIME: 11:25 AM - 11:55 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, raised median, left-turn channelization, bike lane

ADJACENT LAND USE: Residential, school

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 10,200 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.54 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 45 M.P.H.

50TH %: 41 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 36 - 45 M.P.H.

% IN PACE: 76%

% OVER PACE: 16%

% UNDER PACE: 9%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lanes, Adjacent to High School, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

LAMPSON AVE from SPRINGDALE ST to KNOTT ST

Page 1 of 1

8910108	7/11/2019	20:58	Thursday	LAMPSON AVE - LAMPLIGHTER ST	470'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Male	Age: 19	2019 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
8979891	10/2/2019	17:03	Wednesday	LAMPSON AVE - KNOTT ST	551'	Direction: West	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Pedestrian Violation	21955	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Pedestrian	North	Other		Female	Age: 49	0-	Pedestrian	No Injury	
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Pedestrian	North	Other		Female	Age: 16	0-	Pedestrian	No Injury	
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Violation		Not Stated	Not Stated		
Party 3 Driver	West	Proceeding Straight		Male	Age: 37	2007 SATURN	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.51 miles (2,676')

Settings for Query:

Segment: LAMPSON AVE between SPRINGDALE ST and KNOTT ST

Include Intersection Related at Limit 1 (SPRINGDALE ST): False

Include Intersection Related at Limit 2 (KNOTT ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampsons Avenue

LIMITS: Knott St to Western Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52		X	1
51	X X		2
50	X		1
49			0
48	X		1
47	X	X X X	4
46		X	1
45	X	X X X X X	6
44	X X X X X	X X	6
43	X X	X X X X	6
42	X X X X	X	5
41	X X	X X	4
40	X X X X X X X	X X X X	10
39	X X	X X	4
38	X X X X X X X X X X X X X X	X X	15
37	X X X X	X X X	6
36	X X X X X X X	X X X X	10
35	X	X X X X	5
34	X	X X X	4
33	X		1
32			0
31	X	X	2
30	X	X	2
29	X		1
28		X	1
27			0
26			0
25	X	X	2
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 8/31/2021 TIME: 12:37 PM - 1:04 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, left-turn channelization, bike lane

ADJACENT LAND USE: Industrial, office park

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 12,100 vehicles SEGMENT LENGTH: 0.56 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.41 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 38 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 36 - 45 M.P.H.

% IN PACE: 72%

% OVER PACE: 10%

% UNDER PACE: 18%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

LAMPSON AVE from KNOTT ST to WESTERN AVE

Page 1 of 1

8973224	10/30/2019	17:20	Wednesday	LAMPSON AVE - WESTERN AVE			331'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Bicycle	Wrong Side of Road			216501	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Bicyclist	East	Proceeding Straight	Male	Age: 17	0 -		Bicycle		No Injury	
	Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2	Driver	South	Stopped in Road	Female	Age: 48	2018 FORD		Pickups & Panels		No Injury	
	Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
9173398	9/21/2020	05:59	Monday	LAMPSON AVE - MONARCH ST			433'	Direction: East	Dusk - Dawn	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Hazardous Parking			22515A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Right Turn	Female	Age: 50	2013 -		Mini Van		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2	Driver	West	Proceeding Straight	Male	Age: 75	2013 -		Sport Utility Vehicle		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Violation		Air Bag Deployed		Not Stated		

Segment Length: 0.56 miles (2,951')

Settings for Query:

Segment: LAMPSON AVE between KNOTT ST and WESTERN AVE

Include Intersection Related at Limit 1 (KNOTT ST): False

Include Intersection Related at Limit 2 (WESTERN AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Western Ave to Santa Rosalia St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49	X		1
48	X		1
47		X X	2
46	X X X		3
45	X	X	2
44		X X X	3
43	X	X	2
42	X X X	X X	5
41	X X X X X X		6
40	X X	X X	4
39	X X X X	X X X	7
38	X X X	X X X X X X X	10
37	X X X X X X X X	X X X X	12
36	X X X X X	X X X X X	10
35	X X X X X	X X X X	9
34	X	X X	3
33	X X X	X X X X	7
32		X	1
31		X X	2
30	X	X X X	4
29	X	X X X X	5
28	X		1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 8/31/2021 TIME: 1:18 PM - 1:41 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, left-turn channelization, bike lane

ADJACENT LAND USE: Industrial, office park

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 11,500 vehicles SEGMENT LENGTH: 0.19 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.63 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 41 M.P.H.

50TH %: 36 M.P.H.

15TH %: 32 M.P.H.


AVERAGE SPEED: 37 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 73%

% OVER PACE: 14%

% UNDER PACE: 13%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

LAMPSON AVE from WESTERN AVE to SANTA ROSALIA ST

Page 1 of 1

8870487	5/9/2019	20:45	Thursday	LAMPSON AVE - WESTERN AVE	60'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	West	Merging		Male	Age: 26	2018 DODGE	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Proceeding Straight		Male	Age: 57	2005 SUBARU	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9131594	7/13/2020	23:40	Monday	LAMPSON AVE - WESTERN AVE	350'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	West	Changing Lanes		Male	Age: 19	2008 -	Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.19 miles (987')

Settings for Query:

Segment: LAMPSON AVE between WESTERN AVE and SANTA ROSALIA ST

Include Intersection Related at Limit 1 (WESTERN AVE): False

Include Intersection Related at Limit 2 (SANTA ROSALIA ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: San Marcos Dr to Dale St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46	X X		2
45			0
44			0
43	X X X	X	4
42		X X	2
41	X X X X	X X X	7
40	X	X X X X X	6
39	X X X	X	4
38	X	X X X X X X X X X	10
37	X X X X X	X X X	8
36	X X X X X X X X	X X X X	12
35	X X X X X X X X X X	X X	11
34	X X X X X	X X X	8
33	X X X X	X	5
32	X X X X	X X X X	8
31	X X	X X	4
30	X		1
29	X	X X	3
28		X	1
27		X X	2
26			0
25			0
24		X X	2
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/1/2021 TIME: 11:34 AM - 11:51 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, two-way left-turn lane, left-turn channelization, bike lane
On-street parking

ADJACENT LAND USE: Industrial, office park, residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 12,000 vehicles SEGMENT LENGTH: 0.36 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.63 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 40 M.P.H.

50TH %: 35 M.P.H.

15TH %: 31 M.P.H.


AVERAGE SPEED: 36 M.P.H.

10 MPH PACE: 32 - 41 M.P.H.

% IN PACE: 79%

% OVER PACE: 8%

% UNDER PACE: 13%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

LAMPSON AVE from SAN MARCOS DR to DALE ST

Page 1 of 1

8905789	7/2/2019	Tuesday	LAMPSON AVE - ARROWHEAD ST	257'	Direction: West	Daylight	Clear	Pty at Fault:1	
	Sideswipe	Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0	
Party 1 Driver	East	Proceeding Straight	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury		
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated			
Party 2 Parked Vehicle	East	Parked	Not Sta	Age: 2000 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated	Not Stated		Not Stated			
9007125	11/20/2019	17:40	Wednesday	LAMPSON AVE - MONROE ST	283'	Direction: East	Dark - Street Ligh	Cloudy	Pty at Fault:1
	Head-On	Other Motor Vehicle	Wrong Side of Road	21460A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0	
Party 1 Driver	East	Crossed Into Opposing Lane	Male	Age: 60	2011 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
Party 2 Driver	West	Making Left Turn	Female	Age: 50	2005 LEXUS	Sport Utility Vehicle	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
Party 3 Driver	West	Proceeding Straight	Female	Age: 46	2008 GMC	Sport Utility Vehicle	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			

Segment Length: 0.37 miles (1,939')

Settings for Query:

Segment: LAMPSON AVE between SAN MARCOS DR and DALE ST

Include Intersection Related at Limit 1 (SAN MARCOS DR): False

Include Intersection Related at Limit 2 (DALE ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Dale St to Magnolia St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48		X	1
47			0
46		X X	2
45	X		1
44	X	X X X X X	6
43	X	X X X X	5
42	X X	X X X	5
41	X X X X	X X X X	8
40	X X X	X	4
39	X X X	X X X X	7
38	X X X X X X X	X X X	10
37	X X X X	X X X X	8
36	X X X	X X X X X	9
35	X X X X	X X X X X	9
34	X X X X X	X X X	8
33	X X X X X X	X X X	9
32	X	X	2
31	X X X X	X	5
30	X		1
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/20/2021 TIME: 3:53 PM - 4:13 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, bike lane, on-street parking

ADJACENT LAND USE: Residential, place of worship

ROADWAY CONDITIONS: Very Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 8,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.32 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 42 M.P.H.

50TH %: 37 M.P.H.

15TH %: 32 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 77%

% OVER PACE: 15%

% UNDER PACE: 8%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lanes, On-Street Parking, Road Narrows east of Dale St

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

LAMPSON AVE from DALE ST to MAGNOLIA ST

Page 1 of 1

8815073	2/18/2019	18:30	Monday	LAMPSON AVE - ARISTOCRAT AVE	175'	Direction: East	Dusk - Dawn	Raining	Pty at Fault:1
	Rear-End			Parked Motor Vehicle Other		Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0

Party 1 Driver	East	Parking Maneuver	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated	
Party 2 Parked Vehicle	East	Parked	Not Sta	Age: 2016 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated	

Segment Length: 0.50 miles (2,622')

Settings for Query:

Segment: LAMPSON AVE between DALE ST and MAGNOLIA ST

Include Intersection Related at Limit 1 (DALE ST): False

Include Intersection Related at Limit 2 (MAGNOLIA ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Magnolia St to Gilbert St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45		X	1
44		X	1
43	X	X X	3
42	X		1
41	X	X X	3
40	X X X		3
39	X	X X	3
38	X	X X X	4
37	X X	X X X X X	7
36	X X X	X X X	6
35	X X X X X X	X X X X X X X	12
34	X X X X X X	X X X X X	11
33	X X X X X X	X X	8
32	X X X	X X X	6
31	X X X X X	X X X	8
30	X X	X X	4
29		X X X X	4
28	X X	X X X X	6
27	X X	X	3
26	X X X		3
25	X X		2
24	X		1
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 8/31/2021 TIME: 1:54 PM - 2:18 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 7,800 vehicles SEGMENT LENGTH: 0.46 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.38 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 38 M.P.H.

50TH %: 33 M.P.H.

15TH %: 28 M.P.H.


AVERAGE SPEED: 34 M.P.H.

10 MPH PACE: 28 - 37 M.P.H.

% IN PACE: 72%

% OVER PACE: 19%

% UNDER PACE: 9%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

LAMPSON AVE from MAGNOLIA ST to GILBERT ST

Page 1 of 1

8954733	9/20/2019	21:21	Friday	LAMPSON AVE - LUCILLE AVE	118'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

Party 1 Driver	West	Proceeding Straight	Male	Age: 84	2011 HONDA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated	
Party 2 Parked Vehicle	West	Parked	Not Sta	Age:	2002 ACURA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated	

Segment Length: 0.47 miles (2,477')

Settings for Query:

Segment: LAMPSON AVE between MAGNOLIA ST and GILBERT ST

Include Intersection Related at Limit 1 (MAGNOLIA ST): False

Include Intersection Related at Limit 2 (GILBERT ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Gilbert St to Brookhurst St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51	X		1
50			0
49	X		1
48			0
47			0
46			0
45	X		1
44	X	X X	3
43		X	1
42	X X X	X X	5
41		X X	2
40	X X X X X X	X	7
39	X X X	X X X	6
38	X X X X X	X X X	8
37	X X X X		4
36	X X X X X	X	6
35	X X X X X	X X X X X X	11
34	X X X	X X X X X X	9
33	X X X	X X X X	7
32	X X X X	X X X X X X X X	12
31	X	X X	3
30	X X X	X X X X	7
29	X		1
28		X	1
27		X X	2
26		X	1
25		X	1
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 8/31/2021 TIME: 2:30 PM- 2:47 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 7,400 vehicles SEGMENT LENGTH: 0.46 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 39 M.P.H.

50TH %: 34 M.P.H.

15TH %: 31 M.P.H.


AVERAGE SPEED: 36 M.P.H.

10 MPH PACE: 31 - 40 M.P.H.

% IN PACE: 73%

% OVER PACE: 14%

% UNDER PACE: 13%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

LAMPSON AVE from GILBERT ST to BROOKHURST ST

Page 1 of 1

9171596	10/3/2020	23:11	Saturday	LAMPSON AVE - BROOKHURST ST	55'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Other Object	Other		Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	Not S	Making Left Turn	Male	Age: 76	2001 -	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type:	Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		

Segment Length: 0.50 miles (2,631')

Settings for Query:

Segment: LAMPSON AVE between GILBERT ST and BROOKHURST ST

Include Intersection Related at Limit 1 (GILBERT ST): False

Include Intersection Related at Limit 2 (BROOKHURST ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Brookhurst St to Nutwood St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46	X		1
45	X		1
44			0
43			0
42			0
41	X		1
40			0
39		X X X	3
38	X X X	X X	5
37	X X	X	3
36	X X X X X	X X	7
35	X X X X X X X	X	8
34	X X X X X X	X X X X X X X	13
33	X X	X X X X X X X X	10
32	X X X X X	X X X X X X X	12
31	X X X X	X X X X X X X X X	13
30	X X X	X X X X X	8
29	X	X X X X	5
28	X	X X	3
27	X	X X X	4
26	X X		2
25		X	1
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 8/31/2021 TIME: 2:56 PM - 3:23 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, two-way left-turn lane, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 8,200 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 1.33 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 35 M.P.H.

50TH %: 32 M.P.H.

15TH %: 29 M.P.H.

AVERAGE SPEED: 33 M.P.H.

10 MPH PACE: 29 - 38 M.P.H.

% IN PACE: 84%

% OVER PACE: 6%

% UNDER PACE: 10%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

**Total Collisions: 4
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

LAMPSON AVE from BROOKHURST ST to NUTWOOD ST

Page 1 of 1

9010562	10/21/2019	19:50	Monday	LAMPSON AVE - BROOKHURST ST	284'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:2
	Rear-End		Parked Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Parked		Not Sta	Age: 2004	JEEP	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	East	Proceeding Straight		Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
9030005	11/27/2019	10:28	Wednesday	LAMPSON AVE - BROOKHURST ST	218'	Direction: East	Daylight	Raining	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Pedestrian Violation	21956A	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1 Pedestrian	North	Entering Traffic		Female	Age: 46	0-	Pedestrian	No Injury	
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	East	Making Left Turn		Female	Age: 35	2017 MERCEDES-BENZ	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9131991	6/6/2020	14:35	Saturday	LAMPSON AVE - GROVEVIEW ST	52'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	Not S	Proceeding Straight		Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	West	Stopped in Road		Female	Age: 26	2017-	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9218805	9/21/2020	14:41	Monday	LAMPSON AVE - SHELLEY DR	176'	Direction: East	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Female	Age: 49	2016-	Mini Van	Other Visible Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	South	Proceeding Straight		Male	Age: 35	2016-	Other Commercial	Complaint of Pain	
Veh Type: Other Bus		Sobriety: HNBD		Assoc Factor: Not Stated		Not Required	Not Stated		

Segment Length: 0.51 miles (2,687')

Settings for Query:

Segment: LAMPSON AVE between BROOKHURST ST and NUTWOOD ST

Include Intersection Related at Limit 1 (BROOKHURST ST): False

Include Intersection Related at Limit 2 (NUTWOOD ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Nutwood St to Euclid St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45			0
44	X		1
43		X	1
42		X X	2
41			0
40	X X	X	3
39	X X X	X X X	6
38	X	X X X X	5
37	X X X X	X X X X X X	10
36	X X X X X X X	X X X X	11
35	X X	X X X X X	7
34	X X X	X X X X X X	9
33	X X X X	X X X X X X X	11
32	X X X	X X X X X X X	10
31	X X X X	X X	6
30	X	X X X	4
29	X X	X X X X	6
28	X X	X	3
27	X X	X	3
26		X X	2
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/1/2021 TIME: 12:09 PM - 12:35 PM

STREET CLASSIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline/two-way left-turn lane, bike lane
On-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 7,100 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 1.15 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 37 M.P.H.

50TH %: 33 M.P.H.

15TH %: 29 M.P.H.

AVERAGE SPEED: 34 M.P.H.

10 MPH PACE: 30 - 39 M.P.H.

% IN PACE: 79%

% OVER PACE: 7%

% UNDER PACE: 14%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

LAMPSON AVE from NUTWOOD ST to EUCLID ST

Page 1 of 1

8844801	3/31/2019	20:52	Sunday	LAMPSON AVE - NUTWOOD ST	108'	Direction: East	Dark - No Street	Clear	Pty at Fault:1
	Rear-End		Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Other Unsafe Turning	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Parked Vehicle	East	Parked	Not Sta	Age: 2008 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated	Not Stated		Not Stated		
9072331	1/25/2020	08:44	Saturday	LAMPSON AVE - NUTWOOD ST	160'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:
	Sideswipe		Other Motor Vehicle	Unknown		Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Parked Vehicle	East	Parked	Not Sta	Age: 2016 HYUNDAI		Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated	Not Stated		Not Stated		
9188878	10/25/2020	02:12	Sunday	LAMPSON AVE - NUTWOOD ST	100'	Direction: East	Dark - No Street	Clear	Pty at Fault:1
	Head-On		Parked Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Male	Age: 33	2018 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		
Party 2	Parked Vehicle	West	Parked	Not Sta	Age: 1998 -		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated	Not Stated		Not Stated		

Segment Length: 0.50 miles (2,631')

Settings for Query:

Segment: LAMPSON AVE between NUTWOOD ST and EUCLID ST

Include Intersection Related at Limit 1 (NUTWOOD ST): False

Include Intersection Related at Limit 2 (EUCLID ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Euclid St to Ninth St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45			0
44			0
43			0
42			0
41			0
40	X		1
39			0
38		X	1
37	X	X	2
36	X X	X	3
35	X X X	X X	5
34	X X X	X X	5
33	X X		2
32	X X X X	X X X X	8
31	X X X X	X X X X X X X X X X	14
30	X X X X X X	X X X X X	11
29	X X	X X X X X X X X	10
28	X X X X	X X X X X X X	11
27	X X X X X X X	X X X X	11
26	X X X		3
25	X X X X X X	X X	8
24	X X		2
23			0
22		X X	2
21		X	1
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/1/2021 TIME : 12:45 PM - 1:14 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 6,800 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 5 midblock collisions

ACCIDENT RATE: 2.00 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 33 M.P.H.

50TH %: 29 M.P.H.

15TH %: 26 M.P.H.


AVERAGE SPEED: 30 M.P.H.

10 MPH PACE: 25 - 34 M.P.H.

% IN PACE: 83%

% OVER PACE: 12%

% UNDER PACE: 5%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 5

From 1/1/2019 to 12/31/2020

**Total Collisions: 5
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

LAMPSON AVE from EUCLID ST to 9TH ST

Page 1 of 2

8801396	2/3/2019	20:19	Sunday	LAMPSON AVE - LEE LN	85'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	22107	Improper Turning	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	East	Other Unsafe Turning	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2	Parked Vehicle	East	Parked	Not Sta	Age: 1997 GMC		Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 3	Parked Vehicle	East	Parked	Not Sta	Age: 2003 TOYOTA		Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
8870691	5/22/2019	10:14	Wednesday	LAMPSON AVE - OAKWOOD ST	180'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	22350	Unsafe Speed	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	West	Proceeding Straight	Male	Age: 17	1998 ACURA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Driver	West	Stopped in Road	Female	Age: 49	2013 LEXUS	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9107480	5/10/2020	14:03	Sunday	LAMPSON AVE - 9TH ST	380'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	22107	Improper Turning	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	West	Proceeding Straight	Male	Age: 39	2017 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Violation		Air Bag Not Deployed	Not Stated		
Party 2	Parked Vehicle	Not S	Parked	Not Sta	Age: 1998 -		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
9155740	9/7/2020	20:45	Monday	LAMPSON AVE - EUCLID ST	176'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe			Parked Motor Vehicle	23152	Driving Under Influence	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1	Driver	West	Other Unsafe Turning	Male	Age: 58	2013 -	Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2	Parked Vehicle	West	Parked	Not Sta	Age: 2002 -		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
9173397	9/20/2020	19:07	Sunday	LAMPSON AVE - PEPPERWOOD DR	56'	Direction: East	Dusk - Dawn	Clear	Pty at Fault:1
	Rear-End			Parked Motor Vehicle	23152A	Driving Under Influence	Hit & Run: No	Complaint of Pain	# Inj: 1 # Killed: 0
Party 1	Driver	East	Proceeding Straight	Male	Age: 33	2016 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2	Parked Vehicle	Not S	Parked	Not Sta	Age: 2020 -		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 3	Parked Vehicle	Not S	Parked	Not Sta	Age: 2003 -		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		

Segment Length: 0.51 miles (2,671')

Settings for Query:

Segment: LAMPSON AVE between EUCLID ST and 9TH ST
Include Intersection Related at Limit 1 (EUCLID ST): False
Include Intersection Related at Limit 2 (9TH ST): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Ninth St to West St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45	X X X		3
44	X		1
43	X X	X	3
42	X X	X X	4
41	X X X X X	X	6
40	X X X X X X X	X X X	10
39	X X X X	X	5
38	X X	X X X X X	7
37	X X X	X X X X	7
36	X X X	X X X X	7
35	X X X	X X X X	7
34	X	X X X X X X X X	9
33	X X X X X	X X X X X X X X	12
32		X X	2
31	X X X X	X X X X	8
30	X X	X X X	5
29	X	X	2
28	X		1
27			0
26	X		1
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/1/2021 TIME : 1:26 PM - 1:45 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline/two-way left-turn lane, bike lane
On-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 7,700 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 40 M.P.H.

50TH %: 35 M.P.H.

15TH %: 30 M.P.H.


AVERAGE SPEED: 36 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 74%

% OVER PACE: 7%

% UNDER PACE: 19%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lanes, On-Street Parking, Continuity of Speed

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 0

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

LAMPSON AVE from 9TH ST to WEST ST

Page 1 of 1

Segment Length: 0.50 miles (2,659')

Settings for Query:

Segment: LAMPSON AVE between 9TH ST and WEST ST

Include Intersection Related at Limit 1 (9TH ST): False

Include Intersection Related at Limit 2 (WEST ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: West St to Harbor Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45			0
44			0
43			0
42	X	X	2
41	X	X	2
40	X X X X	X X X X X	9
39	X X	X	3
38	X	X	2
37	X X X X X	X X X	8
36	X X X X X	X X X X	9
35	X	X X X X X X X	8
34	X X X X X X	X X X X X X X X	14
33	X X	X X X X X	7
32	X X X X X	X X	7
31	X X X X X X X X	X X	10
30	X X X	X X	5
29	X X	X X X X	6
28	X	X	2
27		X	1
26	X		1
25		X X	2
24	X X		2
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/1/2021 TIME : 1:55 PM - 2:18 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, yellow centerline, bike lane, on-street parking

ADJACENT LAND USE: Retail, residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 6,800 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.40 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 38 M.P.H.

50TH %: 33 M.P.H.

15TH %: 29 M.P.H.


AVERAGE SPEED: 34 M.P.H.

10 MPH PACE: 31 - 40 M.P.H.

% IN PACE: 77%

% OVER PACE: 4%

% UNDER PACE: 19%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

LAMPSON AVE from WEST ST to HARBOR BLVD

Page 1 of 1

8802405	2/18/2019	15:55	Monday	LAMPSON AVE - JANET ST	200'	Direction: West	Daylight	Raining	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Wrong Side of Road	21460A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Traveling Wrong Way	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury		
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated			
Party 2 Driver	West	Proceeding Straight	Male	Age: 63	2004 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated			
Party 3 Parked Vehicle	East	Parked	Not Sta	Age: 2000	CHEVROLET	Other Commercial	No Injury		
Veh Type: Other Bus		Sobriety: Not Applicable	Assoc Factor: Not Stated	Not Stated		Not Stated			
9013222	12/12/2019	20:39	Thursday	LAMPSON AVE - HARBOR BLVD	110'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury		
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated			
Party 2 Parked Vehicle	West	Parked	Not Sta	Age: 2015	TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated	Not Stated		Not Stated			

Segment Length: 0.50 miles (2,632')

Settings for Query:

Segment: LAMPSON AVE between WEST ST and HARBOR BLVD

Include Intersection Related at Limit 1 (WEST ST): False

Include Intersection Related at Limit 2 (HARBOR BLVD): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Harbor Blvd to Haster St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58	X		1
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49		X	1
48			0
47			0
46		X	1
45		X	1
44	X	X X	3
43	X	X	2
42		X X	2
41	X	X	2
40	X	X X X	4
39		X X	2
38	X X	X X X X	6
37	X X X	X X X X X X X	10
36	X X X X X	X X X X X	10
35	X X X X X X X	X X X X X X X	14
34	X X X X X X X X	X X X	11
33	X X	X	3
32	X X X X X X	X X	8
31	X X		2
30	X X X X	X X	6
29	X X X X	X	5
28	X		1
27		X	1
26	X	X X	3
25		X	1
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/1/2021 TIME: 2:29 PM - 2:47 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, yellow centerline, bike lane, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 10,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 1.04 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 39 M.P.H.

50TH %: 34 M.P.H.

15TH %: 29 M.P.H.


AVERAGE SPEED: 35 M.P.H.

10 MPH PACE: 29 - 38 M.P.H.

% IN PACE: 75%

% OVER PACE: 19%

% UNDER PACE: 6%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

Total Collisions: 5

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

LAMPSON AVE from HARBOR BLVD to HASTER ST

Page 1 of 2

8787526	1/13/2019	11:37	Sunday	LAMPSON AVE - HARBOR BLVD	100'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Entering Traffic		Male	Age: 64	2003 FORD		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Changing Lanes		Male	Age: 66	1996 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8863473	5/7/2019	18:48	Tuesday	LAMPSON AVE - HARBOR BLVD	170'	Direction: East	Dusk - Dawn	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian		Pedestrian Violation	21954A	Hit & Run: No	Other Visible Injury	# Inj: 1 # Killed: 0
Party 1 Pedestrian	South	Entering Traffic		Female	Age: 36	0 -		Pedestrian	Other Visible Injury
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	West	Proceeding Straight		Male	Age: 47	2007 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8889155	5/28/2019	07:19	Tuesday	LAMPSON AVE - HASTER ST	207'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle		Auto R/W Violation	21804	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	Not S	Making Left Turn		Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem	No Injury
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	East	Proceeding Straight		Female	Age: 62	1992 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8905781	7/8/2019	10:58	Monday	LAMPSON AVE - VOLKWOOD ST	84'	Direction: West	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object		Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	West	Making Left Turn		Female	Age: 30	2015 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9185616	10/19/2020	10:23	Monday	LAMPSON AVE - CHOISSER RD	220'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle		Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	East	Backing		Female	Age: 23	2018 -		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Proceeding Straight		Male	Age: 51	2006 -		Pickups & Panels	No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.50 miles (2,661')

Settings for Query:

Segment: LAMPSON AVE between HARBOR BLVD and HASTER ST

Include Intersection Related at Limit 1 (HARBOR BLVD): False

Include Intersection Related at Limit 2 (HASTER ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Lampson Avenue

LIMITS: Haster St to Lewis St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53	X		1
52			0
51		X	1
50			0
49			0
48			0
47		X	1
46	X X		2
45			0
44			0
43	X X X X X	X	6
42	X	X X	3
41	X X X X	X X	6
40	X X X X X X	X X X X X	11
39	X X X	X X X X X X	9
38	X X X X X	X X X X X	10
37	X X X	X X X X X	8
36	X X X X X	X X X X X X	10
35	X X X	X X	5
34	X X X	X X X X X X X X	11
33	X X X X X X X X	X	9
32			0
31	X	X X X X	5
30		X	1
29			0
28	X		1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/1/2021 TIME : 2:57 PM - 3:19 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, two-way left-turn lane, bike lane, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 7,900 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 1.38 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 41 M.P.H.

50TH %: 37 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 82%

% OVER PACE: 11%

% UNDER PACE: 7%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lanes, On-Street Parking, Adjacent to Elementary School, Continuity of Speed

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

**Total Collisions: 5
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

LAMPSON AVE from HASTER ST to LEWIS ST

Page 1 of 2

8803758	2/18/2019	06:43	Monday	LAMPSON AVE - HASTER ST	810'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe			Other Motor Vehicle	22106	Unsafe Starting or Backing	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	East	Entering Traffic		Male	Age: 56	2016 HONDA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Proceeding Straight		Male	Age: 34	2008 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
8851836	3/21/2019	08:31	Thursday	LAMPSON AVE - JETTY ST	308'	Direction: West	Daylight	Cloudy	Pty at Fault:1
	Broadside			Other Motor Vehicle	21804A	Auto R/W Violation	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	North	Entering Traffic		Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem		No Injury
Veh Type: Not Stated		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	East	Proceeding Straight		Male	Age: 47	2013 MERCEDES-BENZ	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
9086703	3/2/2020	18:06	Monday	LAMPSON AVE - JETTY ST	104'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	22350	Unsafe Speed	Hit & Run: Misde	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	East	Proceeding Straight		Not Sta	Age:	1988 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	East	Stopped in Road		Male	Age: 23	2007 -	Mini Van		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9188712	10/31/2020	14:59	Saturday	LAMPSON AVE - HASTER ST	71'	Direction: East	Daylight	Clear	Pty at Fault:1
	Head-On			Other Motor Vehicle	22107	Improper Turning	Hit & Run: No	Other Visible Injury	# Inj: 1 # Killed: 0
Party 1 Driver	East	Making Right Turn		Male	Age: 21	2018 -	Passenger Car, Station Wagon, Jeep		Other Visible Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	West	Stopped in Road		Female	Age: 21	2001 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9223045	12/22/2020	18:09	Tuesday	LAMPSON AVE - HASTER ST	343'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End			Other Motor Vehicle	22350	Unsafe Speed	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	West	Proceeding Straight		Female	Age: 87	2012 FORD	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	West	Proceeding Straight		Male	Age: 53	2005 -	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.50 miles (2,653')

Settings for Query:

Segment: LAMPSON AVE between HASTER ST and LEWIS ST

Include Intersection Related at Limit 1 (HASTER ST): False

Include Intersection Related at Limit 2 (LEWIS ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Orangewood Avenue

LIMITS: Knott St to Western Ave

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46		X	1
45			0
44	X	X	2
43	X X X	X X	5
42		X	1
41	X X	X X	4
40	X X X X X X X	X X X X	11
39	X X X	X X X X	7
38	X X X X	X X X X	8
37	X X X X	X X X X X X	10
36	X X X	X X X X X	8
35	X X	X X X X X X	8
34	X X X X X X X		7
33	X X X X X	X X	7
32	X X X X	X X X	7
31	X	X X X	4
30	X X X X	X	5
29		X X	2
28		X	1
27		X	1
26		X	1
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/9/2021 TIME : 12:10 PM - 12:36 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, two-way left-turn lane, left lane channelization, on-street parking

ADJACENT LAND USE: Industrial, office park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 5,500 vehicles SEGMENT LENGTH: 0.54 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.46 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 39 M.P.H.

50TH %: 36 M.P.H.

15TH %: 31 M.P.H.


AVERAGE SPEED: 36 M.P.H.

10 MPH PACE: 32 - 41 M.P.H.

% IN PACE: 77%

% OVER PACE: 9%

% UNDER PACE: 14%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

ORANGEWOOD AVE from KNOTT AVE to WESTERN AVE

Page 1 of 1

9065011	2/28/2020	22:54	Friday	ORANGEWOOD AVE - MARKON DR	330'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

Party 1 Driver	West	Proceeding Straight	Male	Age: 67	2008 CHEVROLET	Sport Utility Vehicle	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	

Segment Length: 0.55 miles (2,886')

Settings for Query:

Segment: ORANGEWOOD AVE between KNOTT AVE and WESTERN AVE

Include Intersection Related at Limit 1 (KNOTT AVE): False

Include Intersection Related at Limit 2 (WESTERN AVE): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Orangewood Avenue

LIMITS: Jane Wy to Dale St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50	X		1
49			0
48	X		1
47		X X	2
46		X	1
45	X	X	2
44	X	X X	3
43		X	1
42	X	X X	3
41	X X	X	3
40	X X X X	X	5
39	X X X X	X X X	7
38	X X X X	X X X X	8
37	X X X X X X X X	X X X X X X X X	15
36	X X	X X X	5
35	X X X	X X	5
34	X X	X X X X X	7
33	X X X X X	X X X X X X X X	12
32	X X	X X	4
31	X	X X	3
30	X	X	2
29		X	1
28	X		1
27	X	X	2
26	X	X	2
25	X X		2
24	X X		2
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/9/2021 TIME : 12:51 PM - 1:22 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 7,700 vehicles SEGMENT LENGTH: 0.32 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 40 M.P.H.

50TH %: 36 M.P.H.

15TH %: 31 M.P.H.


AVERAGE SPEED: 36 M.P.H.

10 MPH PACE: 32 - 41 M.P.H.

% IN PACE: 71%

% OVER PACE: 14%

% UNDER PACE: 15%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 0
Injury Collisions: 0
Fatal Collisions: 0

Collision Summary Report

10/26/21

ORANGEWOOD AVE from JANE WAY to DALE ST

Page 1 of 1

Segment Length: 0.33 miles (1,726')

Settings for Query:

Segment: ORANGEWOOD AVE between JANE WAY and DALE ST
Include Intersection Related at Limit 1 (JANE WAY): False
Include Intersection Related at Limit 2 (DALE ST): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Orangewood Avenue

LIMITS: Dale St to Magnolia St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50		X	1
49			0
48		X X	2
47			0
46	X	X	2
45	X X		2
44		X X	2
43	X X		2
42	X X X	X X	5
41	X X X X		4
40	X X X		3
39	X X X	X X X X	7
38	X X X X X X X	X X	9
37	X X X X X X X	X X	8
36	X X X X X X X	X X X	9
35	X X X X X X	X X X	8
34	X	X X X X X X	7
33	X X X	X X X X X X	9
32	X	X X X X X X X	8
31	X X X	X X X	6
30	X X	X	3
29	X X		2
28	X		1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/9/2021 TIME : 1:32 PM - 1:52 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, bike lane, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 8,100 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.34 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 41 M.P.H.

50TH %: 35 M.P.H.

15TH %: 31 M.P.H.


AVERAGE SPEED: 37 M.P.H.

10 MPH PACE: 31 - 40 M.P.H.

% IN PACE: 74%

% OVER PACE: 20%

% UNDER PACE: 6%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

ORANGEWOOD AVE from DALE ST to MAGNOLIA ST

Page 1 of 1

9173162	9/24/2020	15:19	Thursday	ORANGEWOOD AVE - WASCO RD	235'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0

Party 1	Driver	West	Other Unsafe Turning	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury
	Veh Type: Not Stated		Sobriety: HBD Impairment Un	Assoc Factor: Not Stated		Not Stated	Not Stated	
Party 2	Parked Vehicle	West	Parked	Not Sta	Age: 2007 -		Mini Van	No Injury
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated	

Segment Length: 0.50 miles (2,628')

Settings for Query:

Segment: ORANGEWOOD AVE between DALE ST and MAGNOLIA ST

Include Intersection Related at Limit 1 (DALE ST): False

Include Intersection Related at Limit 2 (MAGNOLIA ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Orangewood Avenue

LIMITS: Magnolia St to Gilbert St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50	X		1
49			0
48	X X		2
47	X X	X X	4
46		X X X	3
45	X	X X	3
44	X X	X	3
43	X X X X	X X X	7
42	X X X X X X	X X X X X X X X	14
41	X X X X X	X X X	8
40	X X X X X	X X X	8
39	X X X X	X X X X	8
38	X X X X X X X X	X X X X X	13
37	X X X		3
36	X X X X	X X	6
35	X	X	2
34	X	X X	3
33		X X	2
32		X X	2
31	X	X X	3
30	X X		2
29	X X		2
28	X		1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/9/2021 TIME: 2:01 PM - 2:21 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, two-way left-turn lane, bike lane, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 7,000 vehicles SEGMENT LENGTH: 0.46 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.42 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 43 M.P.H.

50TH %: 39 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 36 - 45 M.P.H.

% IN PACE: 73%

% OVER PACE: 10%

% UNDER PACE: 17%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): Y

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: 40 M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1
Injury Collisions: 1
Fatal Collisions: 0

Collision Summary Report

10/26/21

ORANGEWOOD AVE from MAGNOLIA ST to GILBERT ST

Page 1 of 1

8931043	8/18/2019	12:05	Sunday	ORANGEWOOD AVE - GILBERT ST	951'	Direction: West	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	West	Slowing/Stopping		Male	Age: 26	2003 SATURN	Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		

Segment Length: 0.46 miles (2,439')

Settings for Query:

Segment: ORANGEWOOD AVE between MAGNOLIA ST and GILBERT ST

Include Intersection Related at Limit 1 (MAGNOLIA ST): False

Include Intersection Related at Limit 2 (GILBERT ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Orangewood Avenue

LIMITS: Gilbert St to Brookhurst St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46			0
45			0
44			0
43	X		1
42			0
41	X X		2
40	X		1
39		X	1
38	X	X X	3
37	X X	X	3
36	X X X X X X	X X X	9
35	X	X X X X X X	7
34	X X X X X X X	X X X X	11
33	X X X X X	X X X	8
32	X X X	X X X X X	8
31	X X	X	3
30	X X X X	X X X X	8
29	X X X X X	X X X X X X	11
28	X X X X X	X X X X X	10
27	X X X X	X X X	7
26		X X X	3
25		X X	2
24	X	X	2
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/10/2021 TIME: 10:11 AM - 10:37 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 5,700 vehicles SEGMENT LENGTH: 0.51 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.48 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 35 M.P.H.

50TH %: 31 M.P.H.

15TH %: 27 M.P.H.


AVERAGE SPEED: 32 M.P.H.

10 MPH PACE: 27 - 36 M.P.H.

% IN PACE: 82%

% OVER PACE: 11%

% UNDER PACE: 7%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 1
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

ORANGEWOOD AVE from GILBERT ST to BROOKHURST ST

Page 1 of 1

9144248	8/12/2020	18:35	Wednesday	ORANGEWOOD AVE - GARDENAIRE LN	153'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	West	Proceeding Straight	Male	Age: 18	1988 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	West	Proceeding Straight	Male	Age: 36	2019 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		

Segment Length: 0.50 miles (2,649')

Settings for Query:

Segment: ORANGEWOOD AVE between GILBERT ST and BROOKHURST ST

Include Intersection Related at Limit 1 (GILBERT ST): False

Include Intersection Related at Limit 2 (BROOKHURST ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Orangewood Avenue

LIMITS: Brookhurst St to Palmwood Dr

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51	X		1
50			0
49			0
48			0
47			0
46			0
45			0
44	X		1
43	X X		2
42		X X X X	4
41	X		1
40	X X	X X X X	6
39	X X X X X	X X X	7
38	X X X X X X X	X X X X X X	13
37	X X X X X X X	X X X	10
36	X X X X X X	X X X X X X	12
35	X X X	X X X X X X X	10
34	X	X X X X X	6
33	X X	X X X X X X	8
32	X		1
31	X X X X X	X X X	8
30	X X X X X	X X	7
29			0
28	X		1
27		X	1
26			0
25			0
24	X		1
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/9/2021 TIME: 2:36 PM - 3:06 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, two-way left-turn lane, bike lane, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 7,000 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.39 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 39 M.P.H.

50TH %: 35 M.P.H.

15TH %: 30 M.P.H.

AVERAGE SPEED: 36 M.P.H.

10 MPH PACE: 30 - 39 M.P.H.

% IN PACE: 82%

% OVER PACE: 15%

% UNDER PACE: 3%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

ORANGEWOOD AVE from BROOKHURST ST to PALMWOOD DR

Page 1 of 1

8888932	6/17/2019	08:30	Monday	ORANGEWOOD AVE - GARDEN DR	118'	Direction: East	Daylight	Clear	Pty at Fault:
Sideswipe			Parked Motor Vehicle	Other Than Driver or Ped		Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight	Male	Age: 47	2005 CHEVROLET	Pickups & Panels		No Injury	
Veh Type: Pickup Truck		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2 Parked Vehicle	East	Parked	Not Sta	Age:	2011 NISSAN	Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 3 Parked Vehicle	East	Parked	Not Sta	Age:	2019 LEXUS	Sport Utility Vehicle		No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated			

Segment Length: 0.54 miles (2,827')

Settings for Query:

Segment: ORANGEWOOD AVE between BROOKHURST ST and PALMWOOD DR

Include Intersection Related at Limit 1 (BROOKHURST ST): False

Include Intersection Related at Limit 2 (PALMWOOD DR): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Orangewood Avenue

LIMITS: Palmwood Dr to Euclid St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50		X	1
49			0
48		X	1
47		X X	2
46	X	X X X	4
45	X		1
44		X X	2
43	X	X X X X	5
42	X X X	X X X X	7
41	X X X X X	X X	7
40	X X X X	X X	6
39	X X X X X X X	X X	9
38	X X	X X X X X X X X X	11
37	X X X X X X X	X X	8
36	X X X X X X X X X	X X X X X X	14
35	X X X X X	X	6
34	X X	X	3
33	X X X	X	4
32	X X	X	3
31	X X	X	3
30	X X		2
29			0
28	X		1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/10/2021 TIME: 9:38 AM - 10:01 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, two-way left-turn lane, bike lane, on-street parking

ADJACENT LAND USE: Residential, office park

ROADWAY CONDITIONS: Very Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 7,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.36 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 42 M.P.H.

50TH %: 37 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 76%

% OVER PACE: 11%

% UNDER PACE: 13%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lanes, On-Street Parking, Horizontal Curvature, Continuity of Speed

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 1
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

ORANGEWOOD AVE from PALMWOOD DR to EUCLID ST

Page 1 of 1

9095177	3/11/2020	08:44	Wednesday	ORANGEWOOD AVE - DOLAN ST	150'	Direction: East	Daylight	Cloudy	Pty at Fault:1
	Broadside		Bicycle	Wrong Side of Road	216501	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Bicyclist	East	Proceeding Straight	Male	Age: 14	0 -	Bicycle		No Injury
	Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated	Not Stated	Not Stated		
Party 2	Driver	South	Entering Traffic	Female	Age: 19	1998 -	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		

Segment Length: 0.48 miles (2,517')

Settings for Query:

Segment: ORANGEWOOD AVE between PALMWOOD DR and EUCLID ST

Include Intersection Related at Limit 1 (PALMWOOD DR): False

Include Intersection Related at Limit 2 (EUCLID ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Orangewood Avenue

LIMITS: Ninth St to West St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59		X	1
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51		X	1
50			0
49		X	1
48	X		1
47	X		1
46			0
45		X	1
44			0
43	X X X	X X X	6
42	X X		2
41	X X X	X X	5
40	X X X X	X X	6
39	X X X X X X	X X X X X	11
38	X X X X X X	X X X X X	11
37	X X X X X	X	6
36	X X X X X X X X	X X X X X X X	15
35	X X X	X X X X X	9
34	X X X X X X X	X X X X X X X	14
33	X	X X X X X	6
32		X X	2
31			0
30			0
29			0
28		X	1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/10/2021 TIME: 8:58 AM - 9:19 AM

STREET CLASSIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, two-way left-turn lane, bike lane, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 8,600 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.32 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 40 M.P.H.

50TH %: 36 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 85%

% OVER PACE: 6%

% UNDER PACE: 9%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lanes, On-Street Parking, Road Narrows east of Janette Ln, Continuity of Speed

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 1
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

ORANGEWOOD AVE from 9TH ST to WEST ST

Page 1 of 1

8956715	8/25/2019	02:07	Sunday	ORANGEWOOD AVE - JACALENE LN	127'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Complaint of Pain		# Inj: 1 # Killed: 0
Party 1 Driver	East	Proceeding Straight		Male	Age: 47	2008 HONDA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		

Segment Length: 0.50 miles (2,643')

Settings for Query:

**Segment: ORANGEWOOD AVE between 9TH ST and WEST ST
 Include Intersection Related at Limit 1 (9TH ST): False
 Include Intersection Related at Limit 2 (WEST ST): False
 Include Intersection Related at Intermediate Intersections: False
 Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Orangewood Avenue

LIMITS: West St to Eugene St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51	X	X	2
50			0
49	X X	X	3
48		X X	2
47		X	1
46			0
45		X X	2
44	X		1
43	X X		2
42	X X	X	3
41	X X X	X X X X X X	9
40		X X X X X	5
39	X	X	2
38	X X X X X X X X X X	X	11
37	X X X X X X X X X	X X X X X X	14
36	X X X X X X X	X X X X X X X	14
35	X X X	X X X X X	8
34	X X X	X X X X X X X X	11
33	X X	X X X	5
32		X X	2
31	X	X	2
30			0
29			0
28	X	X	2
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			101

DATE: 9/10/2021 TIME: 8:30 AM - 8:44 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: One lane each direction, two-way left-turn lane, on-street parking

ADJACENT LAND USE: Residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 12,600 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.22 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 41 M.P.H.

50TH %: 36 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 81%

% OVER PACE: 13%

% UNDER PACE: 6%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, Multiple Driveways, Continuity of Speed, High Accident Rate

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

10/26/21

ORANGEWOOD AVE from WEST ST to EUGENE ST

Page 1 of 1

8943767	8/14/2019	16:20	Wednesday	ORANGEWOOD AVE - WEST ST	329'	Direction: East	Daylight	Clear	Pty at Fault:1
Rear-End			Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Female Age: 52	2000 HONDA		Passenger Car, Station Wagon, Jeep		Complaint of Pain
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Stopped in Road		Female Age: 61	2015 TOYOTA		Passenger Car, Station Wagon, Jeep		Complaint of Pain
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Driver	West	Stopped in Road		Female Age: 53	2005 TOYOTA		Mini Van		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.28 miles (1,468')

Settings for Query:

Segment: ORANGEWOOD AVE between WEST ST and EUGENE ST

Include Intersection Related at Limit 1 (WEST ST): False

Include Intersection Related at Limit 2 (EUGENE ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Trask Avenue

LIMITS: Beach Blvd to Newland St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55	X		1
54		X	1
53			0
52			0
51		X X	2
50			0
49		X	1
48			0
47	X	X	2
46	X		1
45	X X X	X	4
44	X X	X X X	5
43		X X X	3
42	X X	X X X X X	7
41	X X	X X X	5
40	X X X X X X	X X X X X	11
39	X X X	X X X X	7
38	X X X X	X X X	7
37	X X X X X	X X X	8
36	X X X X X X	X X X	9
35	X X	X X X	5
34	X X X	X X	5
33		X X X X	4
32	X X	X	3
31	X	X X	3
30	X X	X X	4
29		X X	2
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/3/2021 TIME: 8:35 AM - 8:54 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 11,700 vehicles SEGMENT LENGTH: 0.51 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 43 M.P.H.

50TH %: 38 M.P.H.

15TH %: 33 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 68%

% OVER PACE: 20%

% UNDER PACE: 12%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): Y

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: 40 M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

City of Garden Grove
Traffic Engineering Department

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

Total Collisions: 0

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

TRASK AVE from BEACH BLVD to NEWLAND ST

Page 1 of 1

Segment Length: 0.52 miles (2,754')

Settings for Query:

Segment: TRASK AVE between BEACH BLVD and NEWLAND ST

Include Intersection Related at Limit 1 (BEACH BLVD): False

Include Intersection Related at Limit 2 (NEWLAND ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Trask Avenue

LIMITS: Newland St to Magnolia St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53	X		1
52			0
51			0
50			0
49			0
48	X		1
47	X		1
46	X X		2
45	X	X X	3
44	X X X	X	4
43	X X	X X	4
42	X X	X X	4
41	X X X	X X X X X	8
40		X X X	3
39		X X X X	4
38	X X X X X X X	X X X X X X	13
37	X X	X X X	5
36	X X X	X X X X X X	9
35	X X X X X X X X	X X	9
34	X X X	X X	5
33	X X	X X X X	6
32	X X X X	X	5
31	X X X X	X X X	7
30	X		1
29	X	X	2
28		X X X	3
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/3/2021 TIME: 9:00 AM - 9:19 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 12,700 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.65 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 42 M.P.H.

50TH %: 36 M.P.H.

15TH %: 31 M.P.H.


AVERAGE SPEED: 37 M.P.H.

10 MPH PACE: 32 - 41 M.P.H.

% IN PACE: 67%

% OVER PACE: 20%

% UNDER PACE: 13%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

TRASK AVE from NEWLAND ST to MAGNOLIA ST

Page 1 of 1

8827433	1/30/2019	18:01	Wednesday	TRASK AVE - NEWLAND ST	260'	Direction: East	Dark - Street Ligh	Cloudy	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Other Unsafe Turning	Male	Age: 40	2014 BMW	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2	Parked Vehicle	West	Parked	Not Sta	Age: 2004	FORD	Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
8954741	9/7/2019	10:30	Saturday	TRASK AVE - PURDY ST	77'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2	Parked Vehicle	East	Parked	Not Sta	Age: 2014	BMW	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		
9143160	8/4/2020	12:20	Tuesday	TRASK AVE - NEWLAND ST	330'	Direction: East	Daylight	Clear	Pty at Fault:
	Rear-End		Parked Motor Vehicle	Other Than Driver or Ped		Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Female	Age: 69	2013 -	Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2	Parked Vehicle	East	Parked	Not Sta	Age: 2017 -		Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated		Not Stated	Not Stated		

Segment Length: 0.49 miles (2,604')

Settings for Query:

**Segment: TRASK AVE between NEWLAND ST and MAGNOLIA ST
Include Intersection Related at Limit 1 (NEWLAND ST): False
Include Intersection Related at Limit 2 (MAGNOLIA ST): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Trask Avenue

LIMITS: Magnolia St to Galway St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57	X		1
56	X		1
55			0
54			0
53			0
52	X	X X	3
51		X	1
50		X	1
49	X	X	2
48	X X	X X	4
47	X	X	2
46	X X		2
45	X	X X X	4
44	X	X X X X	5
43	X X	X X X X X	7
42	X X X X X	X X	7
41	X X X X X	X X X X X	10
40	X X X	X X X	6
39	X X X	X X	5
38	X	X X X X X X	7
37	X X X X X	X X X	8
36	X X X	X X	5
35	X X X X X		5
34	X X		2
33	X X	X X X X	6
32	X		1
31	X X	X	3
30		X	1
29		X	1
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/3/2021 TIME: 9:26 AM - 9:47 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 12,800 vehicles SEGMENT LENGTH: 0.53 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 12 midblock collisions

ACCIDENT RATE: 2.43 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 46 M.P.H.

50TH %: 40 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 65%

% OVER PACE: 21%

% UNDER PACE: 14%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, Multiple Driveways, Continuity of Speed, High Accident Rate

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 12

From 1/1/2019 to 12/31/2020

Total Collisions: 13

Injury Collisions: 2

Fatal Collisions: 0

Collision Summary Report

10/26/21

TRASK AVE from MAGNOLIA ST to GALWAY ST

Page 1 of 3

8801372	2/8/2019	15:00	Friday	TRASK AVE - MICKEY ST	179'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Not Sta	Age: 2004 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Driver	East	Entering Traffic	Male	Age: 35 2012 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Not Stated		Not Stated		
8839452	3/5/2019	20:48	Tuesday	TRASK AVE - WHITTIER LN	195'	Direction: East	Dark - Street Ligh	Raining	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1	Driver	West	Ran Off Road	Male	Age: 24 1999 NISSAN		Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		
8897549	5/30/2019	01:34	Thursday	TRASK AVE - MICKEY ST	63'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Not Sta	Age: 2015 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HBD Impairment Un	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Parked Vehicle	East	Parked	Not Sta	Age: 2019 ACADIAN			No Injury	
	Veh Type: Not Stated		Sobriety: Not Applicable	Assoc Factor: Not Stated	Not Stated		Not Stated		
8905785	7/3/2019	17:15	Wednesday	TRASK AVE - WHITTIER LN	110'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Wrong Side of Road	21650	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Traveling Wrong Way	Not Sta	Age: 0 -		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Driver	West	Making Left Turn	Male	Age: 75 2013 HONDA		Sport Utility Vehicle	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
8998623	11/22/2019	14:38	Friday	TRASK AVE - MAGNOLIA ST	751'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Making Left Turn	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Driver	West	Making Left Turn	Male	Age: 38 2018 CHEVROLET		Fire Truck	No Injury	
	Veh Type: Emergency Vehicle		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
9010897	12/7/2019	22:23	Saturday	TRASK AVE - MAGNOLIA ST	119'	Direction: East	Dark - Street Ligh	Cloudy	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Entering Traffic	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated		

TRASK AVE from MAGNOLIA ST to GALWAY ST

Party 2 Driver	West	Proceeding Straight	Female	Age: 28	2011 MITSUBISHI	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated			
9066118	4/1/2020	16:40	Wednesday	TRASK AVE - MAGNOLIA ST	300'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End	Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: Misde	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	West	Proceeding Straight	Not Sta	Age: 1998 -			No Injury		
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2 Driver	West	Stopped in Road	Male	Age: 38	2007 -	Pickups & Panels	No Injury		
Veh Type: Pickup Truck		Sobriety: Not Applicable	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9101362	5/2/2020	18:16	Saturday	TRASK AVE - GILBERT ST	282'	Direction: West	Daylight	Clear	Pty at Fault:
	Hit Object	Fixed Object	Unknown			Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Other	Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury		
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated			
9123976	5/3/2020	19:30	Sunday	TRASK AVE - MAGNOLIA ST	193'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End	Other Motor Vehicle	Improper Turning		22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	North	Making U Turn	Not Sta	Age: 2004 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2 Driver	East	Proceeding Straight	Female	Age: 47	2016 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9129038	7/1/2020	17:13	Wednesday	TRASK AVE - WHITTIER LN	92'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe	Other Motor Vehicle	Auto R/W Violation		21804A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Making Left Turn	Female	Age: 44	2013 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2 Driver	West	Proceeding Straight	Male	Age: 29	2013 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9188842	10/21/2020	17:35	Wednesday	TRASK AVE - ONTARIO DR	175'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe	Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight	Male	Age: 24	1997 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
Party 2 Driver	East	Making Right Turn	Male	Age: 25	2015 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9199468	10/29/2020	16:44	Thursday	TRASK AVE - MAGNOLIA ST	187'	Direction: East	Daylight	Clear	Pty at Fault:1
	Broadside	Other Motor Vehicle	Auto R/W Violation		21801A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Making Left Turn	Not Sta	Age: 2018 -		Sport Utility Vehicle	No Injury		
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated			
Party 2 Driver	East	Proceeding Straight	Male	Age: 61	2004 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated			
9228533	11/15/2020	00:04	Sunday	TRASK AVE - GALWAY ST	315'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe	Parked Motor Vehicle	Driving Under Influence		23152B	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight	Male	Age: 47	2011 -	Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated			

TRASK AVE from MAGNOLIA ST to GALWAY ST

Party 2	Parked Vehicle	East	Parked	Not Sta	Age:	2016 -	Passenger Car, Station Wagon, Jeep	No Injury
Veh Type:	Passenger Car		Sobriety: Not Applicable	Assoc Factor:	Not Stated	Not Stated	Not Stated	

Segment Length: 0.53 miles (2,805')

Settings for Query:

Segment: TRASK AVE between MAGNOLIA ST and GALWAY ST
Include Intersection Related at Limit 1 (MAGNOLIA ST): False
Include Intersection Related at Limit 2 (GALWAY ST): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Trask Avenue

LIMITS: Galway St to Brookhurst St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52		X	1
51			0
50	X		1
49		X X	2
48	X	X X X X	5
47	X	X X X	4
46	X	X X	3
45	X X X		3
44	X X X	X X X X	7
43	X X X	X X X	6
42	X X	X X	4
41	X X X X X	X X X X X X	11
40	X X X X X	X	6
39	X X X	X X X X	7
38	X X X X	X X	6
37	X X X	X X	5
36	X X X	X X X X	7
35	X X X X X	X X	7
34	X X X X X	X X X	8
33		X X	2
32	X X	X X	4
31			0
30			0
29		X	1
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/3/2021 TIME: 9:48 AM - 10:08 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, on-street parking

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 27,200 vehicles SEGMENT LENGTH: 0.48 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 0.42 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 45 M.P.H.

50TH %: 39 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 67%

% OVER PACE: 26%

% UNDER PACE: 7%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, Multiple Driveways, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

Total Collisions: 4

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

10/26/21

TRASK AVE from GALWAY ST to BROOKHURST ST

Page 1 of 1

8856839	4/12/2019	02:03	Friday	TRASK AVE - BROOKHURST ST	970'	Direction: West	Dusk - Dawn	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Making Left Turn	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Driver	North	Making Left Turn	Female	Age: 33	2007 MERCEDES-BENZ	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		
9049475	1/18/2020	11:18	Saturday	TRASK AVE - BROOKHURST ST	246'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Changing Lanes	Female	Age: 25	2015 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
Party 2	Driver	East	Proceeding Straight	Male	Age: 89	1999 LEXUS	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
9087492	3/5/2020	15:42	Thursday	TRASK AVE - BROOKHURST ST	324'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misde	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1	Driver	East	Not Stated	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Not Stated	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Driver	East	Not Stated	Male	Age: 29	2000 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Stated	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
Party 3	Driver	East	Not Stated	Female	Age: 47	2019 TOYOTA	Mini Van	No Injury	
	Veh Type: Passenger Car		Sobriety: Not Stated	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
9185612	11/8/2020	04:32	Sunday	TRASK AVE - BROOKHURST ST	1373'	Direction: West	Dark - Street Ligh	Cloudy	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Male	Age: 36	2017 -	Pickups & Panels	No Injury	
	Veh Type: Pickup Truck		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		

Segment Length: 0.47 miles (2,496')

Settings for Query:

Segment: TRASK AVE between GALWAY ST and BROOKHURST ST

Include Intersection Related at Limit 1 (GALWAY ST): False

Include Intersection Related at Limit 2 (BROOKHURST ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Trask Avenue

LIMITS: Brookhurst St to Benton St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54	X X X		3
53		X	1
52		X	1
51		X	1
50	X X X		3
49		X X X	3
48	X X X	X X	5
47		X X X X	4
46	X X	X	3
45		X X	2
44	X X		2
43	X X X	X	4
42	X X X	X X X X X X	8
41	X X X	X X X X X X	9
40	X X X X	X X X X X	9
39	X X X	X X X	6
38	X X X X	X X X X X	9
37	X X X X X	X X X	8
36	X X	X X	4
35	X	X X	3
34	X X		2
33	X X X X	X X X	7
32		X	1
31		X	1
30			0
29			0
28			0
27			0
26	X		1
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/3/2021 TIME: 10:16 AM - 10:34 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, bike lane, on-street parking

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 14,400 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.19 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 47 M.P.H.

50TH %: 40 M.P.H.

15TH %: 35 M.P.H.

AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 65%

% OVER PACE: 32%

% UNDER PACE: 3%

REGISTERED PROFESSIONAL ENGINEER

RUBEN PERALES

No. 83169

CIVIL ENGINEER

STATE OF CALIFORNIA

TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Bike Lane, Multiple Driveways, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

TRASK AVE from BROOKHURST ST to BENTON ST

Page 1 of 1

8870719	5/16/2019	18:35	Thursday	TRASK AVE - BROOKHURST ST	54'	Direction: East	Daylight	Clear	Pty at Fault:1
	Head-On		Fixed Object	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Making Right Turn		Female	Age: 50	2018 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9166979	9/15/2020	17:35	Tuesday	TRASK AVE - CYPRESS ST	110'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Changing Lanes		Male	Age: 29	2005 FORD	Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Proceeding Straight		Female	Age: 69	2003 -	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.50 miles (2,656')

Settings for Query:

Segment: TRASK AVE between BROOKHURST ST and BENTON ST
Include Intersection Related at Limit 1 (BROOKHURST ST): False
Include Intersection Related at Limit 2 (BENTON ST): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Trask Avenue

LIMITS: Benton St to Euclid St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59		X	1
58			0
57		X	1
56			0
55			0
54	X		1
53			0
52			0
51	X X		2
50		X	1
49	X		1
48		X	1
47	X X	X X	4
46		X X	2
45	X	X X	3
44	X X X	X	4
43	X X X X X	X X X	9
42	X X X	X X	5
41	X X X X X	X X X X	10
40	X X X X	X X X	7
39	X X X X X	X X X X X	11
38	X X X X	X X X X X X X	11
37	X X	X X X X	6
36	X X X X X	X X	7
35	X X	X X X	5
34		X X X	3
33	X		1
32		X	1
31			0
30	X	X	2
29			0
28			0
27		X	1
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/3/2021 TIME : 11:17 AM - 11:31 AM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, bike lane

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 14,400 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.57 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 39 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 75%

% OVER PACE: 17%

% UNDER PACE: 8%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 2
Fatal Collisions: 0**

Collision Summary Report

10/26/21

TRASK AVE from BENTON ST to EUCLID ST

Page 1 of 1

9010889	12/4/2019	18:09	Wednesday	TRASK AVE - WESTLAKE ST	75'	Direction: West	Dark - Street Ligh	Cloudy	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Other Unsafe Turning	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment	Not Kno	Assoc Factor: Not Stated	Not Stated	Not Stated		
9081507	1/29/2020	08:24	Wednesday	TRASK AVE - TAFT ST	423'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		non-collision	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Male	Age: 39	2008 HONDA	Mini Van	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Driver	East	Stopped in Road	Male	Age: 49	2017 HONDA	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
9148984	8/1/2020	12:08	Saturday	TRASK AVE - WESTLAKE ST	74'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Male	Age: 22	2016 KAWASAKI	Motorcycle	Other Visible Injury	
	Veh Type: Motorcycle		Sobriety: HNBD		Assoc Factor: Not Stated	Not Required	Not Stated		
Party 2	Driver	Not S	Proceeding Straight	Male	Age: 53	2004 -	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Not Required	Not Stated		

Segment Length: 0.49 miles (2,574')

Settings for Query:

**Segment: TRASK AVE between BENTON ST and EUCLID ST
Include Intersection Related at Limit 1 (BENTON ST): False
Include Intersection Related at Limit 2 (EUCLID ST): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Trask Avenue

LIMITS: Euclid St to Newhope St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55		X	1
54			0
53			0
52	X	X	2
51			0
50	X		1
49		X X	2
48	X		1
47	X	X X	3
46	X		1
45	X X X X X X X	X X X	10
44	X X X	X X X X X X X X	11
43	X X X X X	X X X	8
42	X X X	X X	5
41	X X X X	X X X X	8
40	X X	X X X X X X X	9
39	X X X X X X	X X X X	10
38	X X X	X	4
37	X X	X X	4
36	X X	X X X X	6
35	X	X X X	4
34	X	X	2
33	X X	X	3
32	X		1
31	X X	X	3
30			0
29			0
28	X		1
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/3/2021 TIME: 11:40 PM - 11:58 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, bike lane

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 17,300 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 3 midblock collisions

ACCIDENT RATE: 0.47 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 44 M.P.H.

50TH %: 40 M.P.H.

15TH %: 35 M.P.H.

AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 36 - 45 M.P.H.

% IN PACE: 75%

% OVER PACE: 11%

% UNDER PACE: 14%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 3

From 1/1/2019 to 12/31/2020

Total Collisions: 4

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

10/26/21

TRASK AVE from EUCLID ST to NEWHOPE ST

Page 1 of 2

8844511	3/26/2019	16:51	Tuesday	TRASK AVE - NEWHOPE ST	421'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Making Left Turn		Female Age: 29	2016 KIA		Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Proceeding Straight		Male Age: 48	2015 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8861524	5/3/2019	18:35	Friday	TRASK AVE - EUCLID ST	204'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Male Age: 45	2000 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Stopped in Road		Male Age: 42	2013 HONDA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Driver	West	Making Right Turn		Male Age: 55	2005 FORD		Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8957619	9/29/2019	20:54	Sunday	TRASK AVE - HAVENWOOD DR	91'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Making Right Turn		Male Age: 38	2016 TOYOTA		Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Other		Female Age: 51	2008 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Parked Vehicle	Not S	Parked		Not Sta Age:	2006 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated		
9010574	10/5/2019	02:29	Saturday	TRASK AVE - NEWHOPE ST	430'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Other		Fixed Object	Unsafe Speed	22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Other		Not Sta Age:	2006 HONDA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		

Segment Length: 0.51 miles (2,690')

Settings for Query:

Segment: TRASK AVE between EUCLID ST and NEWHOPE ST

Include Intersection Related at Limit 1 (EUCLID ST): False

Include Intersection Related at Limit 2 (NEWHOPE ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Trask Avenue

LIMITS: Newhope St to Harbor Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55		X	1
54			0
53			0
52	X		1
51		X	1
50	X	X X X	4
49		X	1
48	X X	X X	4
47	X X	X	3
46	X	X X X	4
45	X X X	X X X X X	8
44	X X X X X	X	6
43	X X X	X	4
42	X X X	X X X X	7
41	X X X X	X X X X X X X	11
40	X X X		3
39	X X X	X X X X X X X X	11
38	X X X X X X X X	X X X X X	13
37	X		1
36	X X	X	3
35	X X X	X X	5
34	X X X X	X	5
33		X	1
32	X	X X	3
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/3/2021 TIME : 12:04 PM - 12:21 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline, bike lane, on-street parking

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 11,800 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 0.92 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 46 M.P.H.

50TH %: 40 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 38 - 47 M.P.H.

% IN PACE: 70%

% OVER PACE: 12%

% UNDER PACE: 18%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: On-Street Parking, Multiple Driveways, No Left Turn Channelization, Continuity of Speed

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

**Total Collisions: 6
Injury Collisions: 3
Fatal Collisions: 0**

Collision Summary Report

10/26/21

TRASK AVE from NEWHOPE ST to HARBOR BLVD

Page 1 of 2

8787894	1/1/2019	11:21	Tuesday	TRASK AVE - RT 22	65'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unknown	22530	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Proceeding Straight	Not Sta	Age: 2007 HONDA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated			
Party 2 Driver	West	Stopped in Road	Male	Age: 66 2000 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
8901466	6/30/2019	21:38	Sunday	TRASK AVE - RT 22	81'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	Not S	Other Unsafe Turning	Not Sta	Age: 2014 CHRYSLER		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated			
Party 2 Driver	East	Stopped in Road	Male	Age: 28 2015 NISSAN		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
8947800	9/9/2019	07:23	Monday	TRASK AVE - HARBOR BLVD	167'	Direction: West	Daylight	Cloudy	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Starting or Backing	22106	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight	Male	Age: 27 2015 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
Party 2 Driver	East	Stopped in Road	Male	Age: 42 2018 CHEVROLET		Police Car		No Injury	
Veh Type: Emergency Vehicle		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
9030019	12/13/2019	10:54	Friday	TRASK AVE - NEWHOPE ST	200'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	East	Parking Maneuver	Female	Age: 34 2018 MERCEDES-BENZ		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Not Stated	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
Party 2 Parked Vehicle	East	Parked	Not Sta	Age: 2016 BMW		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: Not Applicable	Assoc Factor: Not Stated	Not Stated		Not Stated			
9109636	6/9/2020	13:16	Tuesday	TRASK AVE - NEWHOPE ST	450'	Direction: East	Daylight	Cloudy	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	East	Changing Lanes	Female	Age: 41 2018 -		Passenger Car, Station Wagon, Jeep		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
Party 2 Driver	East	Proceeding Straight	Female	Age: 54 2006 -		Mini Van		No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated			
9142927	6/29/2020	08:16	Monday	TRASK AVE - HARBOR BLVD	160'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Not Stated	Driving Under Influence	23152F	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0

TRASK AVE from NEWHOPE ST to HARBOR BLVD

Party 1	Driver	Not S	Proceeding Straight	Male	Age: 26	1997 -		Passenger Car, Station Wagon, Jeep	No Injury
	Veh Type: Passenger Car		Sobriety: Not Stated			Assoc Factor: Not Stated	Air Bag Deployed	Not Stated	
Party 2	Driver	Not S	Stopped in Road	Male	Age: 54	2018 -		Mini Van	No Injury
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	
Party 3	Driver	Not S	Stopped in Road	Male	Age: 22	2014 -		Passenger Car, Station Wagon, Jeep	No Injury
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated	

Segment Length: 0.49 miles (2,605')**Settings for Query:****Segment: TRASK AVE between NEWHOPE ST and HARBOR BLVD****Include Intersection Related at Limit 1 (NEWHOPE ST): False****Include Intersection Related at Limit 2 (HARBOR BLVD): False****Include Intersection Related at Intermediate Intersections: False****Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Trask Avenue

LIMITS: Harbor Blvd to Clinton St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47			0
46	X	X X	3
45	X	X X X X X	6
44	X X	X X X	5
43	X	X X X X	5
42	X X X		3
41	X X	X X X	5
40	X X X	X X X	6
39	X X	X X X X X X	8
38	X X X X X X X	X X X X X	12
37	X X X	X X X X X	8
36	X	X X X X X X X	8
35	X X X X X	X	5
34	X X X X X X X	X X	9
33	X X X	X	4
32	X X X X X	X	6
31	X X	X X	4
30	X		1
29			0
28	X		1
27	X		1
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/3/2021; 11/9/2021 TIME : 12:28 PM - 12:51 PM; 11:54 AM - 12:04 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, double yellow centerline/two-way left-turn lane, on-street parking

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 9,400 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 4 midblock collisions

ACCIDENT RATE: 1.16 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 42 M.P.H.

50TH %: 37 M.P.H.

15TH %: 32 M.P.H.


AVERAGE SPEED: 38 M.P.H.

10 MPH PACE: 32 - 41 M.P.H.

% IN PACE: 71%

% OVER PACE: 22%

% UNDER PACE: 7%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: Trap Lane onto Freeway east of Harbor, On-Street Parking, Bike Lanes, Adjacent to School

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 4

From 1/1/2019 to 12/31/2020

**Total Collisions: 6
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

TRASK AVE from HARBOR BLVD to CLINTON ST

Page 1 of 2

8854817	3/21/2019	07:17	Thursday	TRASK AVE - LAUREL ST	213'	Direction: East	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	North	Making Left Turn		Female Age: 51	2009 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Violation		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Proceeding Straight		Female Age: 32	2014 SCION		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Driver	West	Proceeding Straight		Male Age: 38	2015 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8949904	8/7/2019	18:17	Wednesday	TRASK AVE - HARBOR BLVD	620'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Making Left Turn		Male Age: 34	2014 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Making Left Turn		Male Age: 64	2015 FREIGHTLINER			No Injury	
Veh Type: Not Stated		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8964508	9/14/2019	00:47	Saturday	TRASK AVE - HARBOR BLVD	70'	Direction: South	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Slowing/Stopping		Male Age: 19	2011 HYUNDAI		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	East	Stopped in Road		Male Age: 23	2016 VOLKSWAGEN		Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Driver	East	Stopped in Road		Female Age: 29	2016 TESLA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9173458	8/8/2020	14:50	Saturday	TRASK AVE - HARBOR BLVD	500'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: Misd	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Not Sta Age: 0-			Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	South	Making Right Turn		Male Age: 38	2014 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9167682	8/21/2020	23:20	Friday	TRASK AVE - HARBOR BLVD	100'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misd	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Other Unsafe Turning		Not Sta Age: 0-			Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	East	Proceeding Straight		Female Age: 25	2015 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

TRASK AVE from HARBOR BLVD to CLINTON ST

9212159	11/24/2020	14:20	Tuesday	TRASK AVE - HARBOR BLVD			650'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning			22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	North	Making Left Turn	Male	Age: 50	2012 FORD		Fire Truck		No Injury	
	Veh Type: Emergency Vehicle		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated			
Party 2	Driver	Not S	Proceeding Straight	Female	Age: 49	2014 -		Passenger Car, Station Wagon, Jeep		No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD			Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated			

Segment Length: 0.51 miles (2,668')

Settings for Query:

Segment: TRASK AVE between HARBOR BLVD and CLINTON ST

Include Intersection Related at Limit 1 (HARBOR BLVD): False

Include Intersection Related at Limit 2 (CLINTON ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Trask Avenue

LIMITS: Clinton St to Fairview St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54			0
53			0
52			0
51			0
50			0
49			0
48			0
47	X		1
46	X		1
45			0
44	X X	X	3
43	X X	X	3
42	X X X X X	X X X X	9
41	X X X	X X	5
40	X		1
39	X X X X X X X	X X X	10
38	X X	X X X	5
37	X X X X	X X X X	8
36	X X X X X	X X	7
35	X X X X X X X	X X X X X X X	13
34	X X X X	X X X	7
33	X	X X X X X X X	8
32	X X X X	X	5
31	X	X X	3
30	X X	X X	4
29		X X X	3
28	X	X X	3
27		X	1
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/3/2021 TIME: 1:04 PM - 1:28 PM

STREET CLASIFICATION: Secondary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, two-way left-turn lane, on-street parking

ADJACENT LAND USE: Residential, school

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 9,200 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.30 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 41 M.P.H.

50TH %: 35 M.P.H.

15TH %: 31 M.P.H.


AVERAGE SPEED: 36 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 73%

% OVER PACE: 8%

% UNDER PACE: 19%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: EB Lane Drop at Clinton St, On-Street Parking, Adjacnet to School, Continuity of Speed

EXISTING SPEED LIMIT: 35 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

TRASK AVE from CLINTON ST to FAIRVIEW ST

Page 1 of 1

9109950	4/12/2020	21:20	Sunday	TRASK AVE - ROBERTA CIR	53'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Parked Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0

Party 1 Driver	West	Proceeding Straight	Female	Age: 26	2007 -		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated	
Party 2 Parked Vehicle	West	Parked	Not Sta	Age:	2018 AUDI		Passenger Car, Station Wagon, Jeep	No Injury
Veh Type: Passenger Car		Sobriety: Not Applicable		Assoc Factor: Not Stated		Not Stated	Not Stated	

Segment Length: 0.50 miles (2,662')

Settings for Query:

Segment: TRASK AVE between CLINTON ST and FAIRVIEW ST

Include Intersection Related at Limit 1 (CLINTON ST): False

Include Intersection Related at Limit 2 (FAIRVIEW ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Westminster Avenue

LIMITS: Newland St to Magnolia St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55		X	1
54			0
53			0
52			0
51		X X	2
50	X X	X X	4
49			0
48	X X		2
47		X	1
46	X	X X	3
45	X X	X X X X	6
44	X X X X	X X X X	8
43	X X X X	X X X X	8
42	X X X X X X X	X X X X X	12
41	X X X X X X	X X X X	10
40	X X X X X X X X X X X X	X X X X X X X X X X X X	21
39	X X X X X X	X X X X X X X X X X	15
38	X X X X X X X	X X X X X X X X X X X X X X X X X X	22
37	X X X X X X X	X X X X X X	13
36	X X X X X X X X X X	X X X X X X X	17
35	X X X X X X X	X X X X X X X X X X X X X	19
34	X X X X X X X	X	8
33	X X X	X X X X X X	9
32	X X X X X X	X X	8
31	X X X X	X	5
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			194

DATE: 9/9/2021 TIME : 9:40 AM - 10:02 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes each direction, raised median, left turn channelization, on-street parking

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 28,500 vehicles SEGMENT LENGTH: 0.34 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 0 midblock collisions

ACCIDENT RATE: 0 acc/mvm EXPECTED RATE: 0.9 acc/mvm

85TH %: 42 M.P.H.

50TH %: 37 M.P.H.

15TH %: 34 M.P.H.


AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 75%

% OVER PACE: 18%

% UNDER PACE: 7%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 0

From 1/1/2019 to 12/31/2020

**Total Collisions: 1
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

WESTMINSTER BLVD from NEWLAND ST to MAGNOLIA ST

Page 1 of 1

8960119	10/1/2019	11:38	Tuesday	WESTMINSTER BLVD - MAGNOLIA ST			149'	Direction: West	Daylight	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Wrong Side of Road			216501	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Bicyclist	East	Proceeding Straight	Male	Age: 29	0 -		Bicycle			No Injury
	Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated		
Party 2	Driver	West	Making Right Turn	Male	Age: 31	2015 BMW		Police Motorcycle			No Injury
	Veh Type: Emergency Vehicle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Required		Not Stated		

Segment Length: 0.50 miles (2,623')

Settings for Query:

Segment: WESTMINSTER BLVD between NEWLAND ST and MAGNOLIA ST

**Include Intersection Related at Limit 1 (NEWLAND ST): False
 Include Intersection Related at Limit 2 (MAGNOLIA ST): False
 Include Intersection Related at Intermediate Intersections: False
 Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Westminster Avenue

LIMITS: Magnolia St to Bushard St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57		X	1
56			0
55			0
54			0
53			0
52	X		1
51			0
50			0
49		X X	2
48	X X	X	3
47	X	X	2
46	X X	X X X	5
45	X X X X X	X X	7
44	X	X X X X X X X X X	10
43	X X X X X X	X X X X	10
42	X X X X	X X X X X X X	10
41	X X X X X	X X X X X X X X X	13
40	X X X X X X X	X X X X X X	13
39	X X X X X X X	X X X X X X X X X	16
38	X X X X X X X X X X X X	X X X X X X X X X X	21
37	X X X X X X X X X	X X X X X X	14
36	X X X X X X X X X X X X X	X X X X X X X	20
35	X X X X X X X	X X X X X X X X X X	15
34	X X X X X X X X X X X X X	X X X X X	17
33	X X X	X X X X	7
32	X X X	X X X X	7
31	X X	X X	4
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			198

DATE: 9/9/2021 TIME : 9:03 AM - 9:27 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Two lanes EB, three lanes WB, raised median, left turn channelization

ADJACENT LAND USE: Retail/commercial, residential, school

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 30,000 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.18 acc/mvm EXPECTED RATE: 1.0 acc/mvm

85TH %: 43 M.P.H.

50TH %: 37 M.P.H.

15TH %: 33 M.P.H.

AVERAGE SPEED: 39 M.P.H.

10 MPH PACE: 34 - 43 M.P.H.

% IN PACE: 75%

% OVER PACE: 16%

% UNDER PACE: 9%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 40 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 2
Injury Collisions: 0
Fatal Collisions: 0**

Collision Summary Report

10/26/21

WESTMINSTER BLVD from MAGNOLIA ST to BUSHARD ST

Page 1 of 1

8954644	9/7/2019	18:25	Saturday	WESTMINSTER BLVD - MAGNOLIA ST	228'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Not Sta	Age: 0 -		Unknown Hit and Run Vehicle Involvem	No Injury	
Veh Type: Not Stated		Sobriety: HBD	Impairment Un	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2 Driver	West	Stopped in Road		Male	Age: 47	2011 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
9061811	2/19/2020	18:10	Wednesday	WESTMINSTER BLVD - DEODARA DR	302'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Female	Age: 51	2007 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		
Party 2 Driver	West	Stopped in Road		Male	Age: 46	2009 TOYOTA	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
Party 3 Driver	West	Stopped in Road		Male	Age: 34	2014 VOLKSWAGEN	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		

Segment Length: 0.51 miles (2,672')

Settings for Query:

Segment: WESTMINSTER BLVD between MAGNOLIA ST and BUSHARD ST

Include Intersection Related at Limit 1 (MAGNOLIA ST): False

Include Intersection Related at Limit 2 (BUSHARD ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Westminster Avenue

LIMITS: Bushard St to Brookhurst St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59	X		1
58			0
57			0
56		X	1
55		X	1
54	X		1
53	X		1
52	X	X X	3
51	X		1
50	X X	X X X X	6
49	X X X	X X X	6
48	X X	X X X	5
47	X X X	X	4
46	X X X X	X X X X	8
45	X X X	X X X X	7
44	X X X	X X X X X X X X	11
43	X X X X X X X	X X X	10
42	X X X X X X X X	X X X X X X X X X X	17
41	X X X X X X X X X	X X X X X X X X X X	19
40	X X X X X X X	X X X X X X X	15
39	X X X X X X X X X X X X X X	X X X X X	19
38	X X X X X X X X	X X X	11
37	X X X X X X	X X X X X X X X X X X X	18
36	X X X X X X	X X X X X X X	13
35	X X	X X X	5
34	X X X X	X X X X X	9
33	X	X	2
32	X X	X X	4
31	X X		2
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/8/2021 TIME: 1:39 PM - 2:02 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median, left turn channelization

ADJACENT LAND USE: Retail/commercial, residential, school

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 32,500 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 14 midblock collisions

ACCIDENT RATE: 1.17 acc/mvm EXPECTED RATE: 0.8 acc/mvm

85TH %: 46 M.P.H.

50TH %: 40 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 41 M.P.H.

10 MPH PACE: 36 - 45 M.P.H.

% IN PACE: 70%

% OVER PACE: 19%

% UNDER PACE: 11%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 14

From 1/1/2019 to 12/31/2020

Total Collisions: 17

Injury Collisions: 8

Fatal Collisions: 0

Collision Summary Report

10/26/21

WESTMINSTER AVE from BUSHARD ST to BROOKHURST ST

Page 1 of 3

8806992	2/9/2019	03:30	Saturday	WESTMINSTER AVE - BROOKHURST ST		615'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Head-On		Fixed Object	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight		Male	Age: 23	2016 TOYOTA		Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
8861553	4/15/2019	15:20	Monday	WESTMINSTER AVE - KERRY ST		483'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Female	Age: 19	1999 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
Party 2 Driver	East	Slowing/Stopping		Female	Age: 71	2005 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed		Not Stated		
Party 3 Driver	East	Stopped in Road		Female	Age: 38	2015 TOYOTA		Mini Van		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8870280	5/9/2019	08:45	Thursday	WESTMINSTER AVE - BROOKHURST ST		393'	Direction: West	Daylight	Clear	Pty at Fault:1
	Head-On		Other Motor Vehicle	Auto R/W Violation		21801A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	West	Making Left Turn		Male	Age: 36	2017 DODGE		Pickups and Panels		No Injury
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	East	Proceeding Straight		Male	Age: 68	2006 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8870671	5/13/2019	08:25	Monday	WESTMINSTER AVE - BUSHARD ST		99'	Direction: East	Daylight	Cloudy	Pty at Fault:
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change		21658A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Merging		Female	Age: 28	2015 HONDA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: Impairment Not Kno		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Driver	West	Proceeding Straight		Female	Age: 37	2009 TOYOTA		Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
8915023	6/4/2019	09:08	Tuesday	WESTMINSTER AVE - BROOKHURST ST		222'	Direction: West	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Auto R/W Violation		21804A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	South	Making Right Turn		Female	Age: 45	2014 TOYOTA		Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed		Not Stated		
Party 2 Pedestrian	East	Proceeding Straight		Female	Age: 78	0 -		Pedestrian		No Injury
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated		Not Stated		
8889148	6/5/2019	10:07	Wednesday	WESTMINSTER AVE - BROOKHURST ST		100'	Direction: West	Daylight	Clear	Pty at Fault:2
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change		21658A	Hit & Run: Misd	Property Damage Only	# Inj: 0	# Killed: 0

WESTMINSTER AVE from BUSHARD ST to BROOKHURST ST

Party 1	Driver	East	Proceeding Straight	Not Sta	Age:	2003 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car			Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated			
Party 2	Driver	East	Changing Lanes	Male	Age: 43	2018 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
8949908	7/27/2019	16:27	Saturday	WESTMINSTER AVE - BROOKHURST ST		398'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation		21804A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Proceeding Straight	Male	Age: 52	2019 FORD		Pickups & Panels	No Injury	
Veh Type: Pickup Truck			Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
Party 2	Driver	West	Proceeding Straight	Female	Age: 25	2007 NISSAN		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
Party 3	Driver	West	Stopped in Road	Male	Age: 49	2018 CADILLAC		Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
8950178	9/2/2019	14:37	Monday	WESTMINSTER AVE - BROOKHURST ST		225'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation		21804A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	West	Making Right Turn	Male	Age: 66	2010 HONDA		Sport Utility Vehicle	No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated			
Party 2	Driver	West	Proceeding Straight	Male	Age: 53	2007 NISSAN		Mini Van	No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
8972956	10/7/2019	13:44	Monday	WESTMINSTER AVE - BROOKHURST ST		612'	Direction: West	Daylight	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Unsafe Speed		22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Not Sta	Age:	2004 MERCEDES-BENZ		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car			Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated			
8973959	10/22/2019	14:35	Tuesday	WESTMINSTER AVE - KERRY ST		572'	Direction: West	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Improper Turning		22107	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	West	Making Right Turn	Female	Age: 68	2006 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
Party 2	Pedestrian	East	Proceeding Straight	Female	Age: 14	0-		Pedestrian	No Injury	
Veh Type: Pedestrian			Sobriety: Not Applicable	Assoc Factor: Not Stated	Not Stated		Not Stated			
9031152	1/11/2020	16:16	Saturday	WESTMINSTER AVE - BROOKHURST ST		390'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation		21801A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1	Driver	North	Making Left Turn	Male	Age: 59	2013 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
Party 2	Driver	West	Proceeding Straight	Male	Age: 19	1995 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car			Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated			
9041750	1/20/2020	01:45	Monday	WESTMINSTER AVE - BROOKHURST ST		365'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning		22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Female	Age: 22	2010 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car			Sobriety: HBD Not Under Infl	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated			
9041627	1/23/2020	12:06	Thursday	WESTMINSTER AVE - BROOKHURST ST		633'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation		21804A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0

WESTMINSTER AVE from BUSHARD ST to BROOKHURST ST

Party 1 Driver	West	Entering Traffic	Female	Age: 54	2005 LEXUS		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
Party 2 Driver	West	Proceeding Straight	Female	Age: 52	2017 LEXUS		Sport Utility Vehicle	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated				
9059455	2/7/2020	12:27	Friday	WESTMINSTER AVE - KERRY ST		325'	Direction: West	Daylight	Clear	Pty at Fault:1
Sideswipe		Other Motor Vehicle		Improper Turning		22107	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	South	Making Right Turn	Male	Age: 72	2019 BMW		Sport Utility Vehicle	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated				
Party 2 Driver	East	Proceeding Straight	Female	Age: 22	2004 MITSUBISHI		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Deployed	Not Stated				
Party 3 Driver	North	Stopped in Road	Female	Age: 74	2001 HONDA		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
9129037	7/1/2020	02:57	Wednesday	WESTMINSTER AVE - BROOKHURST ST		90'	Direction: West	Daylight	Clear	Pty at Fault:1
Sideswipe		Other Motor Vehicle		Improper Turning		22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Other Unsafe Turning	Not Sta	Age:	0 -		Unknown Hit and Run Vehicle Involvem	No Injury		
Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated				
Party 2 Driver	East	Stopped in Road	Female	Age: 66	2011 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
9188845	10/30/2020	14:49	Friday	WESTMINSTER AVE - BROOKHURST ST		265'	Direction: West	Daylight	Clear	Pty at Fault:1
Sideswipe		non-collision		Unsafe Lane Change		21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Changing Lanes	Not Sta	Age:	2001 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated				
Party 2 Driver	Not S	Proceeding Straight	Male	Age: 59	2020 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
9196291	11/10/2020	15:54	Tuesday	WESTMINSTER AVE - KERRY ST		171'	Direction: East	Daylight	Clear	Pty at Fault:1
Rear-End		Other Motor Vehicle		Unsafe Speed		22350	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	East	Proceeding Straight	Male	Age: 19	1999 -		Passenger Car, Station Wagon, Jeep	No Injury		
Veh Type: Passenger Car		Sobriety: HBD Impairment Un	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				
Party 2 Driver	East	Proceeding Straight	Female	Age: 54	2004 -		Sport Utility Vehicle	No Injury		
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated				

Segment Length: 0.50 miles (2,614')

Settings for Query:

Segment: WESTMINSTER AVE between BUSHARD ST and BROOKHURST ST

Include Intersection Related at Limit 1 (BUSHARD ST): False

Include Intersection Related at Limit 2 (BROOKHURST ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Westminster Avenue

LIMITS: Brookhurst St to Bowen St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58	X		1
57	X		1
56	X	X	2
55	X X		2
54			0
53		X	1
52		X	1
51	X		1
50	X	X	2
49	X		1
48	X X X	X X	5
47	X X X X	X X	6
46	X X X X X X X		7
45	X X X	X X	5
44	X X X X X X X	X X X	10
43	X X X X X	X	6
42	X X X X X X X X X X X X X X	X X X X X X X X	21
41	X X X X X X	X X X X X X X X	14
40	X X X X X X X X X X X X X	X X X X X X X X X X X	22
39	X X X X X X	X X X X X X X X	15
38	X X X X X	X X X X X X X X X X X X	17
37	X X X X X X X	X X X X X X X	14
36	X X X X	X X X X X X X X X	13
35	X X	X X X X X X X	9
34	X X	X X X X X X X X X	11
33	X X X	X X X X X X	8
32	X	X	2
31		X X	2
30			0
29	X		1
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/9/2021 TIME: 8:17 AM - 8:37 AM

STREET CLASSIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median/two-way left-turn lane

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 25,600 vehicles SEGMENT LENGTH: 0.43 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 5 midblock collisions

ACCIDENT RATE: 0.63 acc/mvm EXPECTED RATE: 0.8 acc/mvm

85TH %: 45 M.P.H.

50TH %: 39 M.P.H.

15TH %: 34 M.P.H.

AVERAGE SPEED: 40 M.P.H.

10 MPH PACE: 33 - 42 M.P.H.

% IN PACE: 72%

% OVER PACE: 26%

% UNDER PACE: 3%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 5

From 1/1/2019 to 12/31/2020

Total Collisions: 7

Injury Collisions: 4

Fatal Collisions: 0

Collision Summary Report

10/26/21

WESTMINSTER AVE from BROOKHURST ST to BOWEN ST

Page 1 of 2

8824410	3/6/2019	07:35	Wednesday	WESTMINSTER AVE - BROOKHURST ST	260'	Direction: East	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	West	Proceeding Straight	Female	Age: 21	2015 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	West	Proceeding Straight	Female	Age: 62	2008 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8973071	9/9/2019	23:38	Monday	WESTMINSTER AVE - BROOKHURST ST	215'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Driving Under Influence	23152A	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Proceeding Straight	Female	Age: 39	2017 HYUNDAI		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Violation		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Proceeding Straight	Male	Age: 47	2015 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Not Under Infl		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 3 Driver	West	Stopped in Road	Female	Age: 17	2008 HONDA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Not Under Infl		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8969442	9/20/2019	20:32	Friday	WESTMINSTER AVE - FLOWER ST	240'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Driver	East	Other Unsafe Turning	Female	Age: 31	2012 TOYOTA		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
9032308	1/2/2020	11:07	Thursday	WESTMINSTER AVE - HOPE ST	97'	Direction: East	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: No	Complaint of Pain	# Inj: 2	# Killed: 0
Party 1 Driver	South	Making Right Turn	Male	Age: 65	2019 TOYOTA		Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Proceeding Straight	Male	Age: 47	2007 OTHER - BUS		Paratransit	No Injury	
Veh Type: Other Bus		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9151583	9/12/2020	13:31	Saturday	WESTMINSTER AVE - BROOKHURST ST	110'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Making Right Turn	Female	Age: 46	2008 -		Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	West	Stopped in Road	Male	Age: 29	2018 -		Pickups & Panels	No Injury	
Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9171766	10/10/2020	23:31	Saturday	WESTMINSTER AVE - BROOKHURST ST	614'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Driving Under Influence	23152A	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0

WESTMINSTER AVE from BROOKHURST ST to BOWEN ST

Party 1 Driver	West	Other Unsafe Turning	Female	Age: 72	2008 -	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated			Air Bag Deployed	Not Stated	
9223441	12/28/2020	21:39	Monday	WESTMINSTER AVE - HOPE ST	369'	Direction: West	Dark - Street Ligh Cloudy	Pty at Fault:1
Sideswipe		Other Motor Vehicle	Unsafe Speed		22350	Hit & Run: No	Property Damage Only	# Inj: 0 # Killed: 0
Party 1 Driver	East	Proceeding Straight	Male	Age: 25	2013 -	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Deployed	Not Stated	
Party 2 Driver	East	Changing Lanes	Female	Age: 19	2013 -	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated			Air Bag Deployed	Not Stated	

Segment Length: 0.43 miles (2,267')**Settings for Query:****Segment: WESTMINSTER AVE between BROOKHURST ST and BOWEN ST****Include Intersection Related at Limit 1 (BROOKHURST ST): False****Include Intersection Related at Limit 2 (BOWEN ST): False****Include Intersection Related at Intermediate Intersections: False****Sorted By: Date and Time**

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Westminster Avenue

LIMITS: Bowen St to Euclid St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55			0
54		X X X	3
53	X		1
52		X	1
51	X X X	X	4
50	X	X	2
49			0
48	X X		2
47	X	X X	3
46	X X X	X X	5
45	X X X	X	4
44	X X X X	X X X X X	9
43	X X X	X X X X X X	9
42	X	X X	3
41	X X X X X	X X X X	9
40	X X X X	X X X X X X	10
39	X X X	X X X X	7
38	X X	X X X	5
37	X X X X	X X X X	8
36	X	X X X X	5
35	X X X	X X	5
34	X X		2
33	X	X	2
32	X		1
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			100

DATE: 9/8/2021 TIME: 12:10 PM- 12:28 PM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, two-way left-turn lane

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Clear

WEATHER: Good

AVERAGE DAILY TRAFFIC: 27,200 vehicles SEGMENT LENGTH: 0.57 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 7 midblock collisions

ACCIDENT RATE: 0.62 acc/mvm EXPECTED RATE: 0.8 acc/mvm

85TH %: 46 M.P.H.

50TH %: 40 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 70%

% OVER PACE: 25%

% UNDER PACE: 5%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 7

From 1/1/2019 to 12/31/2020

Total Collisions: 9

Injury Collisions: 6

Fatal Collisions: 0

Collision Summary Report

10/26/21

WESTMINSTER AVE from BOWEN ST to EUCLID ST

Page 1 of 2

8863436	5/11/2019	08:37	Saturday	WESTMINSTER AVE - TAFT ST	159'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Other Visible Injury	# Inj: 2	# Killed: 0
Party 1 Driver	West	Entering Traffic		Male	Age: 82	2001 TOYOTA	Passenger Car, Station Wagon, Jeep		Other Visible Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	West	Proceeding Straight		Male	Age: 22	2014 ACURA	Passenger Car, Station Wagon, Jeep		Other Visible Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 3 Driver	West	Proceeding Straight		Female	Age: 34	2002 ACURA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8888976	6/12/2019	12:34	Wednesday	WESTMINSTER AVE - LAKE ST	150'	Direction: West	Daylight	Clear	Pty at Fault:1
	Sideswipe		Bicycle	Wrong Side of Road	216501	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1 Bicyclist	West	Proceeding Straight		Male	Age: 60	0-	Bicycle		Other Visible Injury
Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	East	Proceeding Straight		Male	Age: 47	1999 LEXUS	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
8949880	8/26/2019	02:00	Monday	WESTMINSTER AVE - EUCLID ST	90'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Driving Under Influence	23152B	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	South	Making Left Turn		Male	Age: 21	2007 ACURA	Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HBD Under Influence		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
Party 2 Driver	East	Proceeding Straight		Male	Age: 40	2016 CHEVROLET	Pickups & Panels		No Injury
Veh Type: Pickup Truck		Sobriety: Not Applicable		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
8973975	10/13/2019	14:22	Sunday	WESTMINSTER AVE - LAKE ST	383'	Direction: West	Daylight	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21804A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	East	Entering Traffic		Male	Age: 68	2018 HONDA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		
Party 2 Driver	North	Proceeding Straight		Male	Age: 45	2007 FORD	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		
9031493	12/31/2019	10:25	Tuesday	WESTMINSTER AVE - TAFT ST	53'	Direction: East	Daylight	Clear	Pty at Fault:1
	Vehicle - Pedestrian		Pedestrian	Pedestrian Violation	21954A	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Pedestrian	North	Entering Traffic		Male	Age: 87	0-	Pedestrian		No Injury
Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2 Driver	East	Making Left Turn		Male	Age: 57	2005 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

WESTMINSTER AVE from BOWEN ST to EUCLID ST

9041643	1/15/2020	19:43	Wednesday	WESTMINSTER AVE - TAFT ST	99'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Broadside		Other Motor Vehicle	Auto R/W Violation	21801A	Hit & Run: No	Complaint of Pain	# Inj: 5	# Killed: 0
Party 1	Driver	East	Making U Turn	Female	Age: 44	2017 LEXUS	Sport Utility Vehicle		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
Party 2	Driver	East	Proceeding Straight	Female	Age: 39	2017 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Deployed	Not Stated		
9063027	1/25/2020	20:31	Saturday	WESTMINSTER AVE - LAKE ST	150'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:
	Vehicle - Pedestrian		Pedestrian	Unknown		Hit & Run: Misde	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Driver	South	Entering Traffic	Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem		No Injury
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2	Pedestrian	East	Proceeding Straight	Male	Age: 24	0 -	Pedestrian		No Injury
	Veh Type: Pedestrian		Sobriety: HNBD		Assoc Factor: Not Stated	Not Stated	Not Stated		
9063084	3/13/2020	16:25	Friday	WESTMINSTER AVE - EUCLID ST	237'	Direction: West	Daylight	Clear	Pty at Fault:1
	Rear-End		Other Motor Vehicle	Unsafe Speed	22350	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Proceeding Straight	Male	Age: 41	2005 -	Pickups & Panels		No Injury
	Veh Type: Pickup Truck		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 2	Driver	East	Stopped in Road	Female	Age: 59	2011 -	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
Party 3	Driver	East	Stopped in Road	Female	Age: 41	2017 -	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		
9162953	5/16/2020	21:08	Saturday	WESTMINSTER AVE - LAKE ST	54'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Unsafe Lane Change	21658A	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	East	Making Right Turn	Not Sta	Age:	0 -	Unknown Hit and Run Vehicle Involvem		No Injury
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated		Not Stated	Not Stated		
Party 2	Driver	East	Proceeding Straight	Male	Age: 21	2009 -	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HBD Under Influence	Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.57 miles (2,997')

Settings for Query:

Segment: WESTMINSTER AVE between BOWEN ST and EUCLID ST

Include Intersection Related at Limit 1 (BOWEN ST): False

Include Intersection Related at Limit 2 (EUCLID ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Westminster Avenue

LIMITS: Euclid St to Newhope St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59		X	1
58	X	X	2
57		X	1
56			0
55			0
54		X	1
53			0
52		X X X	3
51		X	1
50	X		1
49	X X	X X	4
48	X X	X X X	5
47	X X X	X X X X	7
46	X X X X X X X X	X X X X X X X X	15
45	X X X X X X X	X X X X X X X X X X	16
44	X X X X X X X X X X	X X X X	13
43	X X X X X X X	X X X X X X	13
42	X X X X X X X	X X X X X X X X	14
41	X X X X X X X X X X X X	X X X X X X	17
40	X X X X X X X X	X X X X X X X X X X	16
39	X X X X X X X X	X X X X X X X X	14
38	X X X X X X X X X X	X X X X X X X X X X	18
37	X X X X X X X	X X	8
36	X X	X X X X X X X X	10
35	X X X	X X X	6
34	X X	X	3
33	X X X X X	X	6
32	X X	X	3
31		X	1
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			199

DATE: 9/8/2021 TIME : 11:22 AM - 11:40 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 22,800 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.12 acc/mvm EXPECTED RATE: 0.8 acc/mvm

85TH %: 45 M.P.H.

50TH %: 40 M.P.H.

15TH %: 36 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 72%

% OVER PACE: 13%

% UNDER PACE: 15%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

**Total Collisions: 1
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

WESTMINSTER AVE from EUCLID ST to NEWHOPE ST

Page 1 of 1

9082866	3/10/2020	05:42	Tuesday	WESTMINSTER AVE - NADIA WAY	73'	Direction: West	Dark - Street Ligh	Raining	Pty at Fault:1
	Head-On		Fixed Object	Unsafe Speed	22350	Hit & Run: No	Complaint of Pain	# Inj: 1	# Killed: 0
Party 1 Driver	East	Proceeding Straight		Male	Age: 48	2009 -	Passenger Car, Station Wagon, Jeep	No Injury	
Veh Type: Passenger Car		Sobriety: Not Stated		Assoc Factor: Not Stated		Air Bag Deployed	Not Stated		

Segment Length: 0.51 miles (2,681')

Settings for Query:

Segment: WESTMINSTER AVE between EUCLID ST and NEWHOPE ST

Include Intersection Related at Limit 1 (EUCLID ST): False

Include Intersection Related at Limit 2 (NEWHOPE ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Westminster Avenue

LIMITS: Newhope St to Harbor Blvd

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60		X	1
59			0
58			0
57	X		1
56		X	1
55		X	1
54	X	X	2
53			0
52	X X	X	3
51	X X X	X X X X	7
50	X X X		3
49	X X X		3
48	X X	X X X	5
47	X X X X	X X X X X X X	11
46	X X X X X X X	X X X X	11
45	X X X	X X X X X X X X	11
44	X X X X X X X X	X X X X X X X	14
43	X X X X X X X X X X X X X X	X X X X X	18
42	X X X X X X	X X X X X	11
41	X X X X X X X	X X X X X	12
40	X X X X	X X X X X	9
39	X X X X X X X	X X X X X X X X X X	17
38	X X X X	X X X X X X	10
37	X X X X X X X X	X X X X X X X X	16
36	X X X X	X X X X	8
35	X X X X X	X X X X X X X X X X X X	17
34	X X	X X X X	6
33		X	1
32	X X		2
31	X X		2
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			203

DATE: 9/8/2021 TIME: 10:31 AM - 10:51 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Cloudy

AVERAGE DAILY TRAFFIC: 24,300 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.11 acc/mvm EXPECTED RATE: 0.8 acc/mvm

85TH %: 46 M.P.H.

50TH %: 41 M.P.H.

15TH %: 35 M.P.H.


AVERAGE SPEED: 42 M.P.H.

10 MPH PACE: 35 - 44 M.P.H.

% IN PACE: 65%

% OVER PACE: 30%

% UNDER PACE: 5%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 1

Fatal Collisions: 0

Collision Summary Report

10/26/21

WESTMINSTER AVE from NEWHOPE ST to HARBOR BLVD

Page 1 of 1

8910078	7/13/2019	14:06	Saturday	WESTMINSTER AVE - NEWHOPE ST	244'	Direction: East	Daylight	Clear	Pty at Fault:1
	Broadside		Bicycle	Wrong Side of Road	216501	Hit & Run: No	Other Visible Injury	# Inj: 1	# Killed: 0
Party 1	Bicyclist	East	Proceeding Straight	Male	Age: 13	0-	Bicycle		No Injury
	Veh Type: Bicycle		Sobriety: HNBD		Assoc Factor: Not Stated	Not Stated	Not Stated		
Party 2	Driver	South	Entering Traffic	Female	Age: 70	2016 TOYOTA	Passenger Car, Station Wagon, Jeep		No Injury
	Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated	Air Bag Not Deployed	Not Stated		

Segment Length: 0.49 miles (2,602')

Settings for Query:

Segment: WESTMINSTER AVE between NEWHOPE ST and HARBOR BLVD

Include Intersection Related at Limit 1 (NEWHOPE ST): False

Include Intersection Related at Limit 2 (HARBOR BLVD): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Westminster Avenue

LIMITS: Harbor Blvd to Clinton St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59	X		1
58	X		1
57		X	1
56		X X	2
55	X	X	2
54		X	1
53	X X	X X	4
52	X X X X	X	5
51	X	X	2
50	X X X X	X X X X X X X X	12
49	X	X X X	4
48	X X X	X X X X X	8
47	X X X X X X X	X X X	10
46	X X X X X	X X X X X X X X X X X X	17
45	X X X X	X X X X X X X X	12
44	X X X X	X X X X X	9
43	X X X X X X X X X X X X	X X X X X X X X X X X X	22
42	X X X X X X X X X	X X X X X	13
41	X X X X X X X X X X	X X X X	13
40	X X	X X X	5
39	X X X X X	X X X X X X	11
38	X X	X X X X X X	8
37	X X X X X X X X	X X X X	11
36	X X X	X	4
35	X X X X X	X	6
34	X X X	X X X	6
33	X X X	X	4
32	X X X X		4
31		X X	2
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
GRAND TOTALS			200

DATE: 9/13/2021 TIME: 9:23 AM - 9:37 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median

ADJACENT LAND USE: Retail/commercial, residential

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 25,300 vehicles SEGMENT LENGTH: 0.50 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 2 midblock collisions

ACCIDENT RATE: 0.22 acc/mvm EXPECTED RATE: 0.8 acc/mvm

85TH %: 49 M.P.H.

50TH %: 42 M.P.H.

15TH %: 36 M.P.H.

AVERAGE SPEED: 43 M.P.H.

10 MPH PACE: 37 - 46 M.P.H.

% IN PACE: 61%

% OVER PACE: 27%

% UNDER PACE: 13%

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales



TRAFFIC No. 2838

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 2

From 1/1/2019 to 12/31/2020

**Total Collisions: 3
Injury Collisions: 1
Fatal Collisions: 0**

Collision Summary Report

10/26/21

WESTMINSTER AVE from HARBOR BLVD to CLINTON ST

Page 1 of 1

8910092	7/13/2019	16:30	Saturday	WESTMINSTER AVE - HARBOR BLVD	65'	Direction: East	Daylight	Clear	Pty at Fault:1
	Sideswipe		Other Motor Vehicle	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Making Right Turn	Not Sta	Age: 0-		Unknown Hit and Run Vehicle Involvem	No Injury	
	Veh Type: Not Stated		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Driver	West	Stopped in Road	Male	Age: 59	2000 FORD	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
9063026	1/19/2020	23:20	Sunday	WESTMINSTER AVE - NAUTILUS DR	163'	Direction: East	Dark - No Street	Clear	Pty at Fault:1
	Sideswipe		Bicycle	Wrong Side of Road	216501	Hit & Run: No	Severe Injury	# Inj: 1	# Killed: 0
Party 1	Bicyclist	West	Changing Lanes	Male	Age: 36	0-	Bicycle	No Injury	
	Veh Type: Bicycle		Sobriety: HNBD	Assoc Factor: Not Stated	Not Stated		Not Stated		
Party 2	Driver	West	Proceeding Straight	Male	Age: 41	2016 NISSAN	Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: HNBD	Assoc Factor: Not Stated	Air Bag Not Deployed		Not Stated		
9073404	3/6/2020	20:09	Friday	WESTMINSTER AVE - NAUTILUS DR	196'	Direction: East	Dark - Street Ligh	Clear	Pty at Fault:1
	Overtuned		Fixed Object	Improper Turning	22107	Hit & Run: Misde	Property Damage Only	# Inj: 0	# Killed: 0
Party 1	Driver	West	Proceeding Straight	Not Sta	Age: 2007-		Passenger Car, Station Wagon, Jeep	No Injury	
	Veh Type: Passenger Car		Sobriety: Impairment Not Kno	Assoc Factor: Not Stated	Air Bag Deployed		Not Stated		

Segment Length: 0.51 miles (2,675')

Settings for Query:

Segment: WESTMINSTER AVE between HARBOR BLVD and CLINTON ST
Include Intersection Related at Limit 1 (HARBOR BLVD): False
Include Intersection Related at Limit 2 (CLINTON ST): False
Include Intersection Related at Intermediate Intersections: False
Sorted By: Date and Time

CITY OF GARDEN GROVE ENGINEERING AND SPEED SURVEY

ROADWAY: Westminster Avenue

LIMITS: Clinton St to Buena St

SPEED (MPH)	VEHICLES SURVEYED		TOTAL VEHICLES
	EASTBOUND	WESTBOUND	
65			0
64			0
63			0
62			0
61			0
60			0
59			0
58			0
57			0
56			0
55		X	1
54		X	1
53		X	1
52			0
51		X X X	3
50		X	1
49		X	1
48		X X X	3
47		X X X X X	5
46		X X X X X	5
45		X X X X X X X X X X X X	12
44		X X X X X	5
43		X X X X X X X X	8
42		X X X X X X X X X X X X X X	14
41		X X X X X X X X X X	10
40		X X X X X X	6
39		X X X X X X X	7
38		X X X X X X	6
37		X X	2
36		X X X X	4
35		X X	2
34			0
33		X X X	3
32			0
31			0
30			0
29			0
28			0
27			0
26			0
25			0
24			0
23			0
22			0
21			0
20			0
19			0
18			0
17			0
16			0
15			0
		GRAND TOTALS	100

DATE: 9/13/2021 TIME: 8:52 AM - 9:13 AM

STREET CLASIFICATION: Primary Arterial

ROADWAY DESCRIPTION: Three lanes each direction, raised median

ADJACENT LAND USE: Retail/commercial, residential, office park

ROADWAY CONDITIONS: Good

WEATHER: Clear

AVERAGE DAILY TRAFFIC: 23,100 vehicles SEGMENT LENGTH: 0.22 miles

ACCIDENT HISTORY DATES: 1/1/2019 - 12/31/2020 (2 years) # OF ACCIDENTS: 1 midblock collisions

ACCIDENT RATE: 0.27 acc/mvm EXPECTED RATE: 0.8 acc/mvm

85TH %: 46 M.P.H.

50TH %: 41 M.P.H.

15TH %: 37 M.P.H.


AVERAGE SPEED: 43 M.P.H.

10 MPH PACE: 38 - 47 M.P.H.

% IN PACE: 78%

% OVER PACE: 11%

% UNDER PACE: 11%



TRAFFIC No. 2838

ROADWAY CHARACTERISTICS NOT APPARENT TO DRIVERS: _____

EXISTING SPEED LIMIT: 45 M.P.H. SPEED LIMIT CHANGE (Y/N): N

ROADWAY SHARED WITH: _____ PROPOSED SPEED LIMIT: N/A M.P.H.

SHARED JURISDICTION SPEED: _____ M.P.H.

OBSERVED BY: Thomas Hartman

REVIEWED BY: Ruben Perales

**City of Garden Grove
Traffic Engineering Department**

Midblock Collisions: 1

From 1/1/2019 to 12/31/2020

Total Collisions: 1

Injury Collisions: 0

Fatal Collisions: 0

Collision Summary Report

10/26/21

WESTMINSTER AVE from CLINTON ST to BUENA ST

Page 1 of 1

8957254	9/22/2019	00:42	Sunday	WESTMINSTER AVE - ROXEY DR	275'	Direction: West	Dark - Street Ligh	Clear	Pty at Fault:1
	Hit Object		Fixed Object	Improper Turning	22107	Hit & Run: No	Property Damage Only	# Inj: 0	# Killed: 0
Party 1 Driver	West	Other Unsafe Turning		Female Age: 34	2017 TOYOTA		Sport Utility Vehicle		No Injury
Veh Type: Passenger Car		Sobriety: HNBD		Assoc Factor: Not Stated		Air Bag Not Deployed	Not Stated		

Segment Length: 0.22 miles (1,145')

Settings for Query:

Segment: WESTMINSTER AVE between CLINTON ST and BUENA ST

Include Intersection Related at Limit 1 (CLINTON ST): False

Include Intersection Related at Limit 2 (BUENA ST): False

Include Intersection Related at Intermediate Intersections: False

Sorted By: Date and Time