

SPEED LIMITS

ENGINEERING & TRAFFIC SURVEYS





JULY 2019



City of San Clemente Engineering Division

Nestor Mangohig, Senior Civil Engineer Phone: (949) 361-6114 Fax: (949) 361-8316

CERTIFICATION

This report constitutes an Engineering and Traffic Survey of speed limits within the City of San Clemente. The existing speed limits were reviewed for adequacy in terms of adjacent land use, functional classification, traffic demands, roadway design, speed surveys along individual roadways and speed limit continuity with neighboring jurisdictions. Traffic and roadside conditions not readily apparent to the motorists were also considered.

Data collection techniques are in compliance with Division 1, Section 627 and Division 17, Section 40802 (b) of the California Vehicle Code. The following reference materials were also used in the preparation of this Traffic and Engineering Survey:

- CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2014 Edition – State of California, Department of Transportation, Sacramento, California.
- 2. CALIFORNIA VEHICLE CODE, 2019 Edition California Department of Motor Vehicles, Sacramento, California.
- COLLISION DATA ON CALIFORNIA STATE HIGHWAYS, 2018 Edition California Department of Transportation, Sacramento, California.
- 2. HIGHWAY DESIGN MANUAL, 6th Edition California Department of Transportation, Sacramento, California.

Locations, dates of study and pertinent background information are included in the full report. All data utilized in this report is on file in the Public Works Department, City of San Clemente, 910 Calle Negocio, California 92673.

This document has been prepared by the City of San Clemente, Engineering Division.

I, Nestor Mangohig, do hereby certify that I am a Registered Civil and Traffic Engineer in the State of California. The study and report were prepared under my supervision. Its contents are true and accurate to the best of my knowledge.

July 8, 2019

Nestor Mangoliig, PE, TE, PTOE

Civil Eng. No. 71275; Traffic Eng. No. 2075

CITYWIDE SPEED LIMITS

E&T Page No.	Location	ADT ¹	Posted Speed Limit	Date of Survey	Average Speed	85th Percentile Speed	Recommended Speed Limit	Change
1	Acapulco, Avenida Avenida San Pablo to Avenida San Pablo	1,500	35 mph	12/21/18	31 mph	35 mph	35 mph	No
2	Aguila, Calle Avenida Vista Montana to Calle Pastadero	3,100	30 mph	12/3/18	28 mph	32 mph	30 mph	No
3	Altea, Calle Camino La Pedriza to Terminus	3,100	35 mph	12/27/18	32 mph	37 mph	35 mph	No
4	Amanecer, Calle Avenida Pico to Avenida La Pata	16,300	35 mph	12/3/18	32 mph	36 mph	35 mph	No
5	Califia, Avenida Avenida Del Presidente to terminus	4,100	25 mph	12/17/18	25 mph	29 mph	25 mph	No
6	Capistrano, Camino El Camino Real (Pacific Coast Highway) to North City Limit	7,700	35 mph	11/28/18	29 mph	32 mph	30 mph	Yes
7	Cerro, Del Calle Avenida Pico to Avenida Vista Montana (west)	9,400	40 mph	12/3/18	32 mph	37 mph	35 mph	Yes
8	Cerro, Del Calle Avenida Vista Montana (west) to Avenida La Pata	8,300	35 mph	12/18/18	36 mph	40 mph	35 mph	No
9 10 11	Del Rio, Camino Camino De Los Mares to Legendario Legendario to Precipicio Precipicio to Avenida La Pata	7,400 6,800 6,400	40 mph	11/28/18 11/28/18 12/28/18	43 mph 41 mph 43 mph	47 mph 45 mph 47 mph	40 mph	No
12	El Camino Real (Pacific Coast Highway) Camino Capistrano to Avenida Estacion	15,400	45 mph	2/25/19	40 mph	44 mph	45 mph	No
13 14	El Camino Real Avenida Estacion to Calle De Los Molinos Calle De Los Molinos to El Portal	15,600 14,100	35 mph	12/3/18 12/3/18	30 mph 30 mph	35 mph 34 mph	35 mph	No
15 16 17	El Camino Real El Portal to Avenida Palizada Avenida Palizada to Avenida Presidio Avenida Presidio to Avenida Valencia	13,300 14,300 16,000	30 mph	12/20/18 2/19/19 12/20/18	31 mph 28 mph 31 mph	34 mph 31 mph 35 mph	30 mph	No
18 19	El Camino Real Avenida Valencia to Del Commercio Del Commercio to South City Limit	11,200 3,300	35 mph	12/20/18 3/13/19	35 mph 37 mph	39 mph 41 mph	35 mph	No
20	El Portal, East El Camino Real to Avenida de La Estrella	3,000	25 mph	12/20/18	28 mph	31 mph	25 mph	No

CITYWIDE SPEED LIMITS

E&T Page No.	Location	ADT ¹	Posted Speed Limit	Date of Survey	Average Speed	85th Percentile Speed	Recommended Speed Limit	Change
21	Estrella, Avenida De La Avenida Presidio to East El Portal	6,830	25 mph	11/30/18	26 mph	31 mph	25 mph	No
22	Estrella, Camino de Interstate 5 to West City Limit	10,600	35 mph	11/30/18	35 mph	40 mph	35 mph	No
23	Faro, Camino Calle Frontera to Avenida Vista Hermosa	1,600	25 mph	12/10/18	25 mph	29 mph	25 mph	No
24	Fresas, Avenida (CVC Private Street) Calle Saluda to Calle Gaulteria	2,700	35 mph	11/26/18	35 mph	38 mph	35 mph	No
25	Frontera, Calle Avenida Pico to 600' s/o Cuadra	4,800	30 mph	11/28/18	32 mph	35 mph	30 mph	No
26	Frontera, Calle ~600' S. of Calle Cuadra to Calle Vallarta	3,100	25 mph	2/26/19	24 mph	26 mph	25 mph	No
27 28	Fuerte, Camino Viente (CVC Private Street) Avenida Talega west to Via Agradar Via Agradar to Avenida Talega east	3,600 1,300	35 mph	11/26/18 12/11/18	37 mph 30 mph	41 mph 34 mph	35 mph	No
29 30	Grande, Camino Tierra (CVC Private Street) Avenida Talega to Via Timon Via Timon to Camino Viento Fuerte	2,900 1,400	35 mph	11/26/18 12/11/18	36 mph 31 mph	39 mph 34 mph	35 mph	No
31	Guadalajara, Calle Calle Nuevo to Avenida Vaquero	1,800	25 mph	3/25/19	29 mph	32 mph	25 mph	No
32 33	Hermosa West, Avenida Vista Avenida Costa Azul to Avenida Pico (west) I-5 Southbound Off-ramp to Avenida Costa Azul	10,000 17,800	40 mph	11/27/18 11/27/18	36 mph 38 mph	40 mph 41 mph	40 mph	No
34 35	Hermosa, Avenida Vista I-5 Southbound Off-ramp to Via Turqueza Via Turqueza to Camino Vera Cruz	33,000 21,300	40 mph 40 mph	11/28/18 11/28/18	41 mph 41 mph	46 mph 46 mph	40 mph	No
36 37	Hermosa, Avenida Vista Camino Vera Cruz to Avenida La Pata Avenida La Pata to Avenida Pico	24,600 24,500	45 mph 45 mph	11/28/18 11/28/18	41 mph 45 mph	47 mph 49 mph	45 mph	No
38	La Pata, Avenida Camino Del Rio to County of Orange Limit Line	16,300	55 mph	11/26/18	48 mph	53 mph	55 mph	No

CITYWIDE SPEED LIMITS

E&T Page No.	Location	ADT ¹	Posted Speed Limit	Date of Survey	Average Speed	85th Percentile Speed	Recommended Speed Limit	Change
39 40 41 42 43	La Pata, Avenida Camino Del Rio to Calle Saluda Calle Saluda to Avenida Vista Hermosa Avenida Vista Hermosa to Avenida Pico Avenida Pico to Calle Del Cerro Calle Del Cerro to South City Limit	24,400 32,500 24,800 11,300 5,500	45 mph	11/30/18 11/30/18 2/20/19 11/30/18 11/30/18	47 mph 46 mph 44 mph 45 mph 43 mph	50 mph 50 mph 48 mph 50 mph 49 mph	45 mph	No
44 45	La Pedriza, Camino Avenida Vista Hermosa to Via Amor Via Amor to Avenida Pico	7,800 4,000	40 mph	11/27/18 11/27/18	39 mph 40 mph	42 mph 45 mph	40 mph	No
46	Mares, Camino De Los Interstate 5 to Avenida Vaquero	37,000	35 mph	12/7/18	30 mph	34 mph	35 mph	No
47 48	Mares, Camino De Los Avenida Vaquero to Camino Vera Cruz Camino Vera Cruz to East City Limit	19,000 5,000	45 mph	12/4/18 11/26/18	46 mph 44 mph	49 mph 48 mph	45 mph	No
49	Mira Costa, Camino Camino Capistrano to Camino De Estrella	6,500	35 mph	11/28/18	36 mph	40 mph	35 mph	No
50	Montana, Avenida Vista Calle Del Cerro to Calle Del Cerro	5,000	35 mph	12/18/18	37 mph	41 mph	35 mph	No
51	Negocio, Calle Calle Amanecer to its terminus	5,700	35 mph	12/18/18	30 mph	33 mph	35 mph	No
52 53	Ola Vista, South Avenida Del Mar to Avenida Valencia Avenida Valencia to Avenida Califia	3,500 2,000	25 mph	12/19/18 12/19/18	28 mph 28 mph	30 mph 30 mph	25 mph	No
54	Pastadero, Calle Avenida Vista Montana to its terminus	700	30 mph	12/18/18	34 mph	37 mph	30 mph	No
55 56	Pico, Avenida El Camino Real to Calle De Los Molinos Calle De Los Molinos to Cale Frontera / Avenida Presidio	12,000 46,000	35 mph	11/30/18 11/30/18	28 mph 31 mph	34 mph 37 mph	35 mph	No
57 58	Pico, Avenida Calle Frontera/Avenida Presidio to Amanecer Calle Amanecer to Avenida La Pata	43,300 29,000	45 mph	2/20/19 2/20/19	47 mph 44 mph	51 mph 47 mph	45 mph	No
59 60	Pico, Avenida Avenida La Pata to Avenida Vista Hermosa Avenida Vista Hermosa to East City Limit	21,200 12,600	50 mph	2/20/19 11/30/18	45 mph 42 mph	50 mph 49 mph	50 mph	No
61	Portico Del Sur / Norte Camino de Los Mares to Camino de Los Mares	2,200	35 mph	12/10/18	38 mph	42 mph	35 mph	No

CITYWIDE SPEED LIMITS

E&T Page No.	Location	ADT ¹	Posted Speed Limit	Date of Survey	Average Speed	85th Percentile Speed	Recommended Speed Limit	Change
62 63	Presidente, Avenida Del Avenida Valencia to Avenida Califia Avenida Califia to Cristianitos Road	3,500 5,100	30 mph	2/19/19 12/19/18	33 mph 30 mph	37 mph 34 mph	30 mph	No
64 65	Presidio, Avenida El Camino Real to Calle Escuela Calle Escuela to Avenida Pico	2,200 8,500	25 mph	3/13/19 12/18/18	31 mph 27 mph	32 mph 30 mph	25 mph	No
66	Puerta del Sol / Hermosa, Avenida Vista Avenida Pico to Avenida Pico	3,500	30 mph	2/20/19	29 mph	33 mph	30 mph	No
67 68	Saluda, Calle Avenida La Pata to Avenida Fresas Avenida Fresas to Avenida Talega	8,400 5,100	35 mph	3/19/19 12/4/18	38 mph 31 mph	40 mph 36 mph	35 mph	No
69	Salvador, Avenida Avenida Presidio to Avenida San Pablo	1,600	25 mph	12/17/18	28 mph	32 mph	25 mph	No
70	San Pablo, Avenida San Gabriel to Avenida Acapulco	3,500	25 mph	12/19/18	26 mph	28 mph	25 mph	No
71	San Pablo, Avenida Avenida Acapulco to northerly terminus	1,500	35 mph	2/26/19	36 mph	41 mph	35 mph	No
72	Sarmentoso, Calle Camino Vera Cruz to Camino Del Rio	5,200	30 mph	3/19/19	35 mph	37 mph	30 mph	No
73	Talega, Avenida Avenida Vista Hermosa to Calle Saluda	9,800	35 mph	12/4/18	30 mph	35 mph	35 mph	No
74	Talega, Avenida Calle Saluda to East City Limit	9,600	40 mph	12/4/18	41 mph	46 mph	40 mph	No
75 76 77	Vaquero, Avenida Camino De Los Mares to Calle Guadalajara Calle Guadalajara to Calle Vista Torito Calle Vista Torito to Camino Capistrano	6,200 3,800 10,600	30 mph	11/27/18 2/25/19 11/27/18	30 mph 34 mph 31 mph	35 mph 37 mph 35 mph	30 mph	No
78 79	Vera Cruz, Camino Avenida Pico to Avenida Vista Hermosa Avenida Vista Hermosa to Via Blanco	11,250 10,800	40 mph	11/26/18 11/26/18	36 mph 38 mph	40 mph 43 mph	40 mph	No
80	Vera Cruz, Camino Via Blanco to Camino De Los Mares	9,900	35 mph	12/7/18	35 mph	39 mph	35 mph	No



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/21/18 TIME START: 1:00PM TIME STOP: 4:00PM

WEATHER: Cloudy DAY OF WEEK: Friday

SPEED	VFHI	CLES SURVEYED	TOTAL		T	DAY OF WEEK: Friday WEATHER: Cloudy
(MPH)	EASTBOUND	WESTBOUND	VEH	% OF TOTAL	CUML %	LOCATION: AVENIDA ACAPULCO
65	ENGIBOGIA	20.200.02	0	0%	100%	N. Avenida San Pablo to S. Avenida San Pablo
			0	0%	100%	N. Avenida San Fabio to S. Avenida San Fabio
64 63			0	0%	100%	ROAD CHARACTERISTICS:
62			0	0%	100%	Width: 40 ft. Sidewalks/Driveways: yes
61			0	0%	100%	No. of Lanes for Both Directions: 2 On-Street Parking: yes
60			0	0%	100%	Horizontal Alignment Design Speed: 35 MPH Crosswalks: no
59			0	0%	100%	Vertical Alignment Design Speed: 35 MPH Traffic Controls: stop sign at Ave. San Pablo
58			0	0%	100%	
57			0	0%	100%	
56			0	0%	100%	ROADWAY CONDITIONS:
55			0	0%	100%	Lateral Visibility: good Driveway Density: medium
54			0	0%	100%	Surface Condition: good Ped. & Bicycle Activity: low
53			0	0%	100%	
52			0	0%	100%	
51			0	0%	100%	AVERAGE DAILY TRAFFIC: 1,500 SEGMENT LENGTH (ft): 5,584
50			0	0%	100%	
49			0	0%	100%	
48			0	0%	100%	
47			0	0%	100%	ACCIDENTS 3-YR TOTAL: 0 ACCIDENT RATE: 0.00 accidents per million
46			0	0%	100%	(1/1/2015 - 12/31/2018) Avg. Accident Rate in District 12: 1.10 vehicles miles
45			0	0%	100%	EVICTIVE OPERA LIMIT
44			0	0% 0%	100%	EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH
43			0	0%	100%	
42 41			0	0%	100%	
40			0	0%	100%	85TH %: 35 M.P.H. 10 MPH PACE: 29 - 37 M.P.H.
39			0	0%	100%	65111 /6. 55 WI.F.H. 10 WIFTI FACE. 29 - 37 WI.F.H.
38			0	0%	100%	50TH %: 31 M.P.H. % IN PACE : 79%
37		x x x x x x x	7	7%	100% *	30111 /d. 31 Will 11.
36	xxxxxx	XXXX	11	10%	93% *	15TH %: 26 M.P.H. % OVER PACE: 0%
35	XXXXX	XXXXX	10	9%	83% *	
34	XXXX	xxxxx	10	9%	74% F	AVERAGE SPEED: 31 M.P.H. % UNDER PACE: 21%
33	XXXX	xxxx	9	8%	64%	
32	XXX	x x x x x x x	10	9%	56%	
31	XXX	x x x x x x x	10	9%	46% E	COMMENTS AND/OR RECOMMENDATIONS:
30	XXX	XXXX	7	7%	37% *	
29	XXXX	XXXXX	10	9%	30%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
28	XXX		3	3%	21%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
27	XXXX	X	5	5%	18%	Devices (CA MUTCD). A speed limit posting of 35 MPH is found to be appropriate and justified.
26	XXXXX		5	5% 2%	13%	Devices (C.7 intel e.g.). A speed mini peding of so in 11 to loans to be appropriate and justinos.
25	XX	VVV	2	3%	8% 7%	
24	x	xxx	3	1%	4%	
23 22	^		0	0%	3%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
21	v		1	1%	3%	Transportation Studies, Inc. Stop 1 Rel ARED 51. Jane Wrotek
20	^	v	1	1%	2%	
19		<u> </u>	0	0%	1%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18			0	0%	1%	
17	X		1	1%	1%	
16			0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 12/21/2023
15			0	0%	0%	12/21/2025
	TOTAL NUMBER OF VEHIC	LES _ 106	106	100%	3,0	
I	OTAL NUMBER OF VEHIC	LES = 100	106	100/0	i I	

accidents per million vehicles miles



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/3/18 TIME START: 1:30PM TIME STOP: 3:00PM

DAY OF WEEK: Monday WEATHER: Clear

D SURVEYED		TOTAL	% OF	CUML.	
BOUND	WESTBOUND	VEH	TOTAL	%	LOCATION: CALLE AGUILA
		0	0%	100%	Avenida Vista Montana to Calle Pastadero
		0	0%	100%	
		0	0%	100%	ROAD CHARACTERISTICS:
		0	0%	100%	Width: 40 ft. Sidewalks/Driveways: yes
		0	0%	100%	No. of Lanes for Both Directions: 2 On-Street Parking: yes
		0	0%	100%	Horizontal Alignment Design Speed: 31 mph Crosswalks: yes
		0	0%	100%	
		0	0%	100%	Stop sign at Ave. Visia in
		0	0%	100%	and Cl. Pastadero
		0	0%	100%	ROADWAY CONDITIONS:
		0	0%	100%	Lateral Visibility: good Driveway Density: low
					,
		0	0%		Surface Condition: good Ped.& Bicycle Activity: medium
		0	0% 0%	100%	high (during school hou
		0	0%	100%	AVEDAGE DAILY TRAFFIG. 0.400 CEOMENT LENGTH (6) - 4.000
		0	0%	100%	AVERAGE DAILY TRAFFIC: 3,100 SEGMENT LENGTH (ft): 1,600
		0	0%	100%	
		0	0%	100%	
		0	0%	100%	ACCIDENTS 3-YR TOTAL: 1 ACCIDENT RATE: 0.97 accidents per
		0	0%	100%	(1/1/2015 - 12/31/2018) Avg. Accident Rate in District 12: 1.10 vehicles miles
		0	0%	100%	\(\text{\tinct{\texi}\text{\texict{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}}\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}}\tint{\tex{\text{\text{\text{\text{\text{\texi}}\tint{\tint{\tiint{\text{\text{\text{\text{\text{\text{\texi}\text{\texit{\text{\tex{
		0	0%	100%	EXISTING SPEED LIMIT: 30 MPH APPROVED SPEED LIMIT: 30 MPH
		0	0%	100%	
		0	0%	100%	
		0	0%	100%	
	x	1	1%		85TH %: 32 MPH 10 MPH PACE : 22 - 31 MPH
X		1	1%	99%	
		0	0%	98%	50TH %:26 MPH % IN PACE:71%
		0	0%		
X	x x	3	3%	98%	15TH %:22 MPH % OVER PACE:22%
X	x x	3	3%	95%	70
XXXXX	X	6	6%	92%	AVERAGE SPEED: 28 MPH % UNDER PACE: 7%
XX	X	3	3%	86%	
XXX	x x	5	5%	83%	
XXXX	XX	6	6%	78% *	COMMENTS AND/OR RECOMMENDATIONS:
XXX	xxxx	8	8% 4%	72% * 64% *	
XX	X X	5	5%		This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
XXXX	xxx	7	7%		been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
XXXXXXXXX		15	15%	48% C	Devices (CA MUTCD). A speed limit posting of 30 MPH is found to be appropriate and justified.
XX	x x x ^	5	5%	33% E	
x	xxx	5	5%	28% *	
xxx	xxxx	7	7%	23% *	
XXX	x x x x x x	9	9%	16% *	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
111111111111111111111111111111111111111	XXX	3	3%	7%	
	XXX	3	3%	4%	
		0	0%	1%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
		0	0%		Trooter Mangoling, LE, LE, LTOL
		0	0%	1%	
v		1	1%	_	DED C.V.C. 40902 SUDVEY EVDIDES: 12/2/2022
^			1% 0%		PER C.V.C. 40802, SURVEY EXPIRES: 12/3/2023
		0	U /0	U /0	



NORTHBOUND

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TOTAL NUMBER OF VEHICLES = 100

CITY OF SAN CLEMENTE

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

SURVEYED | TOTAL | CUML. |

VEH

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7%

6%

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DATE OF SURVEY: 11/27/18 TIME START: 3:00 PM TIME STOP: 4:00 PM
DAY OF WEEK: Tuesday WEATHER: Clear

CUML. LOCATION: CALLE ALTEA % 100% Camino La Pedriza to Terminus 100% 100% ROAD CHARACTERISTICS: 100% Width: Sidewalks/Driveways: 100% No. of Lanes for Both Directions: 2 On-Street Parking: ves 100% Horizontal Alignment Design Speed: 50 MPH Crosswalks: 100% Vertical Alignment Design Speed: 50 MPH Traffic Controls: Stop sign and crosswalk on Altea 100% at Camino Pedriza, Neighborhood 100% 100% **ROADWAY CONDITIONS:** Lateral Visibility: low 100% fair Driveway Density: 100% Surface Condition: Ped.& Bicycle Activity: medium aood 100% 100% 100% **AVERAGE DAILY TRAFFIC:** 3,100 SEGMENT LENGTH (ft): 3,230 100% 100% 100% 100% **ACCIDENTS 3-YR TOTAL:** ACCIDENT RATE: 1.44 accidents per million 100% (1/1/2015 - 12/31/2018) Avg. Accident Rate in District 12: 1.10 vehicles miles 100% **EXISTING SPEED LIMIT:** APPROVED SPEED LIMIT: **35 MPH** 98% 35 MPH 97% 97% 97% 94% 85TH %: 37 MPH 10 MPH PACE: 26 - 35 MPH 91% 87% 50TH %: 32 **MPH** % IN PACE: 73% 83% 80% 15TH %: 27 MPH 22% % OVER PACE: 78% 69% AVERAGE SPEED: MPH 5% % UNDER PACE: 58% 51% 43% COMMENTS AND/OR RECOMMENDATIONS: 36% 28% This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has 21% been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control 16% 10% Devices (CA MUTCD). A speed limit posting of 35 MPH is found to be appropriate and justified. 5% 4% 3% 3% OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek 3% 3% 3% **RECOMMENDATION APPROVED BY:** Nestor Mangohig, PE, TE, PTOE 0% 11/27/2023 PER CVC 40802. SURVEY EXPIRES:

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SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/3/18 TIME START: 3:00PM TIME STOP: 4:00PM

DAY OF WEEK: Monday WEATHER: Clear

(MPH) 65 64 63 62 61	EASTBOUND	WESTBOUND	VEH	% OF TOTAL	%	LOCATION: CALLE AMANECER
64 63 62 61			0	00/		Avenida Disa ta Avenida I.a Data
63 62 61				0%	100%	Avenida Pico to Avenida La Pata
63 62 61			0	0%	100%	/// // // // // // // // // // // // //
62 61			0	0%	100%	ROAD CHARACTERISTICS:
61			0	0%	100%	Width: 44 ft. Sidewalks/Driveways: yes
			0	0%	100%	No. of Lanes for Both Directions: 2 On-Street Parking: no
60			0	0%	100%	Horizontal Alignment Design Speed: 35 MPH Crosswalks: no
59			0	0%	100%	Vertical Alignment Design Speed: 35 MPH Traffic Controls: signalized at Ave. Pico, Ave. La
58			0	0%	100%	Pata, and Cl. Negocio
57			0	0%	100%	taa, a.a. oegood
56			0	0%	100%	ROADWAY CONDITIONS:
55			0	0%	100%	Lateral Visibility: good Driveway Density: medium
54			0	0%	100%	Surface Condition: good Ped.& Bicycle Activity: low
53			0	0%	100%	
52		 	0	0%	100%	
51			0	0%	100%	AVERAGE DAILY TRAFFIC: 16,300 SEGMENT LENGTH (ft): 5,540
50			0	0%	100%	
49		 	0	0%	100%	
48			0	0%	100%	
47			0	0%	100%	ACCIDENTS 3-YR TOTAL: 4 ACCIDENT RATE: 0.21 accidents per million
46			0	0%	100%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.10 vehicles miles
45		X	1	0%	100%	
44		x	1	0%	100%	EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH
43 X X	X	x	3	1%	99%	
42 X X	XXX		4	2%	98%	
41		x	1	0%	96%	
40		XXXXXX	7	3%	96%	85TH %: 36 MPH 10 MPH PACE: 28 - 37 MPH
39		XXXX	4	2%	92%	
38		XXXXXXX	8	4%	91%	50TH %:31 MPH % IN PACE:70%
	XXXXX	XXXXXX	13	6%	87% *	<u> </u>
	XXXXXXX	XXXXX	15	7%	81% *	* 15TH %:26 MPH % OVER PACE:13%
	XXX	XXXXXX	11	5% 6%	75% * 70% P	P AVERAGE SPEED: 32 MPH % UNDER PACE: 17%
34 X X		XXXXXXXXXXX	14	7%		P AVERAGE SPEED: 32 MPH % UNDER PACE: 17%
	X	XXXXXXXXXXX	16 21	9%	56% C	
32	***	X X X X X X X X X X X X X X X X X X X	13	6%	47% E	COMMENTS AND/OR RECOMMENDATIONS:
	xxxxx	XXXXXXXXX	17	8%	41% *	COMMENTS AND/OR RECOMMENDATIONS.
	XXXXXXXXXX	XXXXXXXX	19	8%	34% *	* This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
	XXXXX	XXXXXXXXXXXX	19	8%	25% *	* ' ' ' ' ' ' ' '
	XX	x	4	2%	17%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
26 X		XXXXXXXXX	11	5%	15%	Devices (CA MUTCD). A speed limit posting of 35 MPH is found to be appropriate and justified.
	XXXXXX	xxxx	12	5%	10%	
24 X		xxx	4	2%	5%	
23		ХX	2	1%	3%	
22 X			1	0%	2%	OBSERVED BY:Transportation Studies, IncSTUDY PREPARED BY: Jane Mrotek
21		x	1	0%	2%	
20		X	1	0%	1%	
19		x x	2	1%	1%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18			0	0%	0%	
17			0	0%	0%	
16			0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 12/3/2023
15			0	0%	0%	
TOTA	AL NUMBER OF VEHICLES	S = 225	225	100%		



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/17/18 TIME START: 9:30AM TIME STOP: 10:30AM

DAY OF WEEK: Monday WEATHER: Cloudy

PEED	VEHICL	ES SURVEYED	TOTAL	% OF	CUML.	
ИРН)	EASTBOUND	WESTBOUND	VEH	TOTAL	%	LOCATION: AVENIDA CALIFIA
65			0	0%	100%	Avenida Del Presidente to terminus
64			0	0%	100%	
63			0	0%	100%	ROAD CHARACTERISTICS:
62			0	0%	100%	Width: 40-60 ft. Sidewalks/Driveways: yes_
61			0	0%	100%	No. of Lanes for Both Directions: 2 On-Street Parking: yes_
60			0	0% 0%	100%	Horizontal Alignment Design Speed: 25 mph Crosswalks: no
59 58		+++++++++++++++++++++++++++++++++++++++	0	0%	100%	Vertical Alignment Design Speed: 25 mph Traffic Controls: stop sign at Ave. Del Presidente
57		+++++++++++++++++++++++++++++++++++++++	0	0%	100%	
56			0	0%	100%	ROADWAY CONDITIONS:
5			0	0%	100%	Lateral Visibility: good Driveway Density: medium
64			0	0%	100%	Surface Condition: good Ped.& Bicycle Activity: high
53			0	0%	100%	
2			0	0%	100%	
1			0	0%	100%	AVERAGE DAILY TRAFFIC: 4,100 SEGMENT LENGTH (ft): 1,500
60			0	0%	100%	
9			0	0%	100%	
8		+++++++++++++++++++++++++++++++++++++++	0	0% 0%	100% 100%	ACCIDENTS 3-YR TOTAL: 1 ACCIDENT RATE: 0.78 accidents per million
6			0	0%	100%	ACCIDENTS 3-YR TOTAL: (1/1/2015 - 12/31/2017) 1 ACCIDENT RATE: 0.78 accidents per million Avg. Accident Rate in District 12: 1.10 vehicles miles
5			0	0%	100%	(1/1/2013 - 12/31/2017) Avg. Accident Rate in District 12. 1.10
4			0			EXISTING SPEED LIMIT: 25 MPH APPROVED SPEED LIMIT: 25 MPH
				0% 0%	100%	EXISTING SPEED LIMIT: 25 MPH APPROVED SPEED LIMIT: 25 MPH
3			0	0%	100% 100%	
1		+++++++++++++++++++++++++++++++++++++++	0	0%	100%	
10			0	0%	100%	85TH %: 29 MPH 10 MPH PACE: 22 - 31 MPH
9 X			1	1%	100%	10 Mil 11 ACL. 22 - 51 Will 11
38			0	0%	99%	50TH %: 25 MPH % IN PACE : 66%
37			0	0%	99%	
36			0	0%	99%	15TH %: 17 MPH % OVER PACE: 3%
35		ХX	2	2%	99%	
34			0	0%	97%	AVERAGE SPEED: 25 MPH % UNDER PACE: 31%
33			0	0%	97%	
2		V V V V V V V V	0	0% 9%	97% 97%	COMMENTS AND OR RECOMMENDATIONS.
1 X 0 X X	x x	XXXXXXX	9 5	5%	88%	COMMENTS AND/OR RECOMMENDATIONS:
9 X X		xxxxxxxxxxx	14	14%	83%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
8 X		XXXXXX	7	7%	69% I	
7		XXX	3	3%	62% /	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
	XXXX	XXXX	9	9%	59%	
5 X X	X		2	2%	50% E	found to be appropriate and justified.
	X		10	10%	49%	
3		ХX	2	2%	39%	ODOSDASS DE L'ASSOCIATION CAUGIO LA CAUGIO DE
	XXX	XX	6	6%	37%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
	XX	XXX	6	6% 4%	31% 25%	
0 X X	x x x x	XX	4	4% 4%	25%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
	XXX		4	4%	17%	AZOSIMIZIONI NOTED BIT. TROStor Mangoring, F.E., F.E., F.O.E.
	X X X X X X X X X X	 	11	11%	13%	
3 X		 	1	1%	2%	PER CVC 40802, SURVEY EXPIRES: 12/17/2023
5 X		+++++++++++++++++++++++++++++++++++++++	1	1%	1%	1 EN OVO TOOL, GONTE! EN INCO. 121112020
	AL NUMBER OF VEHICLE	S = 101	101	100%		
.01/	AL HOMBER OF VEHICLE	<u> </u>	101	.00/0		



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/28/18 TIME START: 2:00PM TIME STOP: 3:00PM
DAY OF WEEK: Wednesday WEATHER: Cloudy

	CALIFORNIL	SPEED LIMIT - ENG				_
SPEED		ES SURVEYED	TOTAL	% OF	CUML.	
(MPH)	EASTBOUND	WESTBOUND	VEH	TOTAL	%	
65			0	0%	100%	
64			0	0%	100%	
63			0	0%	100%	
62			0	0%	100%	
61			0	0%	100%	
60			0	0%	100%	
59			0	0%	100%	
58			0	0%	100%	
57			0	0%	100%	
56			0	0%	100%	
55			0	0%	100%	
54			0	0%	100%	
53			0	0%	100%	
52			0	0%	100%	
51			0	0%	100%	
50			0	0%	100%	
49			0	0% 0%	100% 100%	
48 47			0	0%	100%	
46			0	0%	100%	
46 45		x	1	1%	100%	
44			0			
43			0	0% 0%	99% 99%	
43			0	0%	99%	
41	x		1	1%	99%	
40			0	0%	99%	
39		x	1	1%	99%	
38			0	0%	98%	
37		X	1	1%	98%	
36	XXXX	хх	6	4%	97%	
35	X	XXXX	5	4%	93%	
34	ХX	x	3	2%	89%	
33	X	XXX	4	3%	87% *	•
32	XXX	XXX	6	4%	84% *	
31	XXXXX	XXXXXX	12	9%	0070	
30	XXXXXX	XXXXXXXXXXX	18	13% 13%		
29 28	XXXXXX	X X X X X X X X X X X X X X X X X X X	18 9	6%	59% A	
28 27	x xxxxxx	******	19	13%	40% E	
26	XXXXX	XXXXXXX	13	9%	26% *	
25	XXXX	XXXX	8	6%	17% *	t
24	XX	XXX	5	4%	11% *	t
23		XXXX	4	3%	8%	
22		XXXX	4	3%	5%	
21		x	1	1%	2%	
20		x	1	1%	1%	
19			0	0%	1%	
18			0	0%	1%	
17		x	1	1%	1%	
16			0	0%	0%	
15			0	0%	0%	
T	OTAL NUMBER OF VEHICLE	S = 141	141	100%		
						_
		·				_

LOCATION:	CAMINO CAPIS		ast Highway) to North City Limit		
Horizontal Alignm	Width (ft): for Both Directions: nent Design Speed: nent Design Speed:	64 2 40 MPH 35 MPH	Sidewalks/Driveways: On-Street Parking: Crosswalks: Traffic Controls:	yes yes no	al at El Camino Real &
ROADWAY CONDIT		limited good		Ave. Vaqu	
AVERAGE DAILY TR		7,700	SEGMENT LENGTH (ft):		
ACCIDENTS 3-YR TO (1/1/2015 - 12/31/201		8	ACCIDENT RATE: Avg. Accident Rate in District 12:	1.61 1.10	accidents per million vehicles miles
EXISTING SPEED LI	MIT:	35 MPH	APPROVED SPEED LIMIT:	30 MPH	
85TH %:	32	MPH] 10 MPH PACE:	24 - 33	MPH
85TH %: 50TH %:	32 28	MPH MPH] 10 MPH PACE: % IN PACE:	24 - 33 79%	MPH
-					MPH
50TH %:	28	MPH	% IN PACE:	79%	MPH
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/O This speed zone sa been prepared and	28 24 29 R RECOMMENDAT atisfies the condition of the con	MPH MPH IONS: ons of Sectordance with	% IN PACE: % OVER PACE:	79% 13% 8% de (CVC) Traffic Co	and has
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/O This speed zone sa been prepared and	28 24 29 R RECOMMENDAT atisfies the condition of the con	MPH MPH IONS: ons of Sectordance with posting of	% IN PACE: % OVER PACE: % UNDER PACE: ion 627 of the California Vehicle Cooh the California Manual on Uniform 30 MPH is found to be appropriate a	79% 13% 8% de (CVC) Traffic Co nd justifie	and has introl ed.

11/28/2023

PER CVC 40802, SURVEY EXPIRES:



VEHICLES SURVEYED

SPEED

CITY OF SAN CLEMENTE

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

TOTAL CUML.

DATE OF SURVEY: 12/3/18 TIME START: 12:30PM TIME STOP: 1:30PM DAY OF WEEK: Monday WEATHER: Clear CALLE DEL CERRO LOCATION: Avenida Pico to Avenida Vista Montana (west) **ROAD CHARACTERISTICS:** Width (ft): Sidewalks/Driveways: On-Street Parking: No. of Lanes for Both Directions: Crosswalks: Horizontal Alignment Design Speed: 50 MPH Vertical Alignment Design Speed: 40 MPH Traffic Controls: traffic signal lights at Ave Pico and Vista Montana (westerly intersection) **ROADWAY CONDITIONS:** Lateral Visibility: limited Driveway Density: low Surface Condition: Ped.& Bicycle Activity: good low AVERAGE DAILY TRAFFIC: 9,400 SEGMENT LENGTH (ft): 2,309 **ACCIDENTS 3-YR TOTAL:** accidents per million 8 ACCIDENT RATE: vehicles miles (1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: **EXISTING SPEED LIMIT:** APPROVED SPEED LIMIT: 35 MPH 40 MPH 85TH %: MPH 10 MPH PACE: 25 - 34 MPH 50TH %: 30 MPH % IN PACE: 71% 15TH %: MPH % OVER PACE: 27 28% **AVERAGE SPEED:** MPH % UNDER PACE: 1% COMMENTS AND/OR RECOMMENDATIONS: This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). A speed limit posting of 35 MPH is found to be appropriate and justified. Transportation Studies, Inc. **OBSERVED BY:** STUDY PREPARED BY: Jane Mrotek

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														X	X													2	1%	100%
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													Ц										Х	X				11	5%	96%
													Ц					X										8	3%	92%
													Ц								Х	Х	Х	Х	X	ХХ	(14	6%	88%
													Ц					Х										7	3%	82%
	Ļ												Ц		Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	X :	ХХ	(14	6%	79%
	(X		L			Ш	Ц						Ц	X		Ц			Ш			Ш	Ц	4	4	4		3	1%	74%
	(X				Х	Х	Х						Ц												X :	ХХ	(22	9%	72%
	(X												Н									Х	Х	Х				15	6%	63%
	(X												Н	Х	Х	Х	Х	X	Х	Х	Х							11	5%	57%
										X >			V	v														13	5%	52%
										X >																		20	8% 11%	47% 38%
										X >						v	v											27		27%
								Х	X	X >	X	X	Х		X	X	X											28	12% 4%	15%
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RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE

PER CVC 40802, SURVEY EXPIRES: 12/3/2023



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/18/18 TIME START: 1:00PM TIME STOP: 1:45PM

DAY OF WEEK: Tuesday WEATHER: Cloudy

	VEI II O	LES SURVEYED	TOTAL	% OF	CUML.	
(MPH)	EASTBOUND	WESTBOUND	VEH	TOTAL	%	LOCATION: CALLE DEL CERRO
65			0	0%	100%	Avenida Vista Montana (west) to Avenida La Pata
64			0	0%	100%	
63			0	0%	100%	ROAD CHARACTERISTICS:
62			0	0%	100%	Width (ft): 48 Sidewalks/Driveways: yes
61			0	0%	100%	No. of Lanes for Both Directions: 2 On-Street Parking: no
60			0	0% 0%	100%	Horizontal Alignment Design Speed: 50 MPH Crosswalks: yes
59 58			0	0%	100%	Vertical Alignment Design Speed: 40 MPH Traffic Controls: Traffic signal light at the intersection with the in
56 57			0	0%	100%	Vista Montana west; stop sign at Avenida La Pata.
56		 	0	0%	100%	ROADWAY CONDITIONS:
55			0	0%	100%	Lateral Visibility: limited Driveway Density: medium
54			0	0%	100%	Surface Condition: good Ped.& Bicycle Activity: low
53			0	0%	100%	Surface Condition. 9000 Ped. & Dicycle Activity. 10W
52		 	0	0%	100%	
51			0	0%	100%	AVERAGE DAILY TRAFFIC: 8,300 SEGMENT LENGTH (ft): 5,765
50		 	0		100%	7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
	X		1	1%	100%	
48			0	0%	100%	
47	XXX		3	2%	100%	ACCIDENTS 3-YR TOTAL: 4 ACCIDENT RATE: 0.40 accidents per million
46	X		1	1%	98%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.10 vehicles miles
	XXX		3	2%	98%	
	XXXX		4	2%	96%	EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH
	XXXX	X	5	3%	94%	
	XXX	XXXXX	9	5%	92%	
	XXXXXX	XX	9	5%	87%	
	XXX	XXXXX	8	4% 7%	83% * 79% *	85TH %: 40 MPH 10 MPH PACE: 31 - 40 MPH
	XXXXX	XXXXXXX	14	8%	79% *	50TH %: 34 MPH % IN PACE: 66%
	X X X X X X X X X X X X X X X X X X X	XXXXXXX	15 10	5%	64% P	50TH %:34 MPH % IN PACE:66%
-	XXXXXXXX	xxx	12	6%	59% A	15TH %: 29 MPH % OVER PACE: 18%
	XXXXXXXX	XXXXXXXXXX	20	10%	53% C	1311 /b. 29 WIFTT /b OVER FACE. 10 /b
	XXXX	XXXXXXXXXXXX	17	9%	43% E	AVERAGE SPEED: 36 MPH % UNDER PACE: 17%
-	XXXXXXX	XXXXXXX	15	8%	35% *	AVERAGE OF LEEP. CO. WILLIAM MORE AVERAGE.
	XXXXX	XXXX	9	5%	27% *	
	XXXX	xxxxxxx	12	6%	23% *	COMMENTS AND/OR RECOMMENDATIONS:
	ХХ	xxx	5	3%	17%	
29	XXXX	XXXXXX	10	5%	14%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been
	XXXX	x x x x x x x	11	6%	9%	prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA
27	XXX		3	2%	4%	MUTCD). Based on the street geometrics with rolling grades, limited line of sight and residential communities
26		X	1	1%	2%	
25	X	X	2	1%	2%	on both sides of the street, a speed limit posting of 35 MPH is found to be appropriate and justified.
24		X	1	1%	1%	
23			0	0%	0%	ODEEDVED DV. Transportation Studies Inc. CTUDY DEFINED DV. Ione Mirately
22			0	0%	0%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
21			0	0% 0%	0% 0%	
20		 	0			DECOMMENDATION APPROVED BY. Noctor Marschia DE TE DTOE
19			0	0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18			0	0%	0%	
17		 	0	0%	0%	10/40/2000
16			0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 12/18/2023
15			0	0%	0%	
T(OTAL NUMBER OF VEHICLE	ES = 200	200	100%		



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

SPEED VEHICLES SURVEYED % OF **EASTBOUND** WESTBOUND VEH TOTAL (MPH) 0 0% 100% 0 100% 0 63 0% 100% 62 0 61 0% 100% 60 0 0% 100% 59 0 0% 100% 0% 100% 58 0 0% 100% 0 57 100% 56 55 100% 54 1% 99% 53 98% 98% 52 ΧХ 96% 51 ΧХ X X X X6 93% 50 ΧХ 92% 49 x x x x xXXXXXX 11 48 85% x x x x x x x x ххх 11 47 80% 46 x x x x x x x x x x x x x x x x 16 72% XXXXXXXXX XXXXXXXXX 18 45 63% x x x x x x x x x x x x x x x x x x x 19 54% ххх x x x x x x x x 11 48% С x x x x x xx x x x x x x x x 15 10% 41% Е **XXXXXXXX** x x x x x x x x x x x x 21 31% 40 x x x x x x x x 15 3% 23% 39 X X X X XΧХ 7 4% 20% 38 x x x x xX X X X9 15% 37 **XXXXXXX** ххх 10 10% 36 ΧХ x x x x x7 35 ΧХ ΧХ 5% 34 ΧХ 4% 33 X X XΧХ 0% 1% 32 0% 1% 31 0% 1% 30 0% 0% 29 0% 28 0 0% 0 27 0% 26 0 0% 25 0% 0% 24 0 0% 0% 23 0 0% 22 0 0% 21 0 20 0 0% 19 0 0% 0% 18 0% 17 16 0 0% 15 TOTAL NUMBER OF VEHICLES = 203 203

	LOCATION:	CAMINO DEL RI Camino De Los N		gendario	
	Horizontal Alignr	Width (ft): s for Both Directions: ment Design Speed: ment Design Speed:	64 4 50 MPH 40 MPH	Sidewalks/Driveways: On-Street Parking: Crosswalks: Traffic Controls:	yes no yes Roundabouts at Camino Del Rio & Camino De Los Mares
	ROADWAY CONDITI	IONS: Lateral Visibility: Surface Condition:	Good Good	Driveway Density: Ped.& Bicycle Activity:	low low
	AVERAGE DAILY TR	RAFFIC:	7,400	SEGMENT LENGTH (ft):	1,320
k k	ACCIDENTS 3-YR TO	OTAL:	3	ACCIDENT RATE: Avg. Accident Rate in District 12:	1.48 accidents per million vehicles miles
	EXISTING SPEED LII	MIT:	40 MPH	APPROVED SPEED LIMIT:	40 MPH
-1					
*	85TH %:	47	MPH	10 MPH PACE:	38 - 47 MPH
* *	85TH %: 50TH %:	47 42	MPH MPH	10 MPH PACE: % IN PACE:	38 - 47 MPH 70%
* * *					
* * *	50TH %:	42	MPH	% IN PACE:	70%
<u>-</u> * * * * * * * * * * * * * * * * * * *	50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone satis and evaluated in acco geometric design of the	42 37 43 R RECOMMENDATI fies the conditions of ordance with the Califies the street with Class 2	MPH MPH ONS: Section 627 ornia Manual bike lanes, d	% IN PACE: % OVER PACE:	70% 15% 15% and has been prepared A MUTCD). Based on mity to park/greenbelt
<u>-</u>	50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone satist and evaluated in accongeometric design of the areas/trail access points.	42 37 43 R RECOMMENDATI fies the conditions of ordance with the Califies the street with Class 2	MPH MPH ONS: Section 627 ornia Manual bike lanes, dictivity, a specific property of the control	% IN PACE: % OVER PACE: % UNDER PACE: of the California Vehicle Code (CVC) a on Uniform Traffic Control Devices (C irect access to residential areas, proxied limit posting of 40 MPH is found to be	70% 15% 15% and has been prepared A MUTCD). Based on mity to park/greenbelt
	50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone satis and evaluated in acco geometric design of th areas/trail access poir justified.	42 37 43 R RECOMMENDATI Ifies the conditions of ordance with the Calif or street with Class 2 onts, and multimodal at a transportation S	MPH MPH ONS: Section 627 ornia Manual bike lanes, diactivity, a spectudies, Inc.	% IN PACE: % OVER PACE: % UNDER PACE: of the California Vehicle Code (CVC) a on Uniform Traffic Control Devices (C irect access to residential areas, proxied limit posting of 40 MPH is found to be	70% 15% 15% and has been prepared A MUTCD). Based on mity to park/greenbelt pe appropriate and

DAY OF WEEK: Wednesday

DATE OF SURVEY: 11/28/18 TIME START: 11:15AM TIME STOP: 12:00PM

WEATHER: Cloudy



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/28/18 TIME START: 1:00PM TIME STOP: 2:00PM DAY OF WEEK: Wednesday WEATHER: Cloudy

SPEED	Π								IFU		۷E	НІ	CL	ES	SI	JR	VI	ΞΥ	ΕC)									TOTAL		CUML.	
(MPH)					Е	Α	ST	В	οι						Ť						ST	В	οι	JN	D				VEH	% OF TOTAL	%	
65																													0	0%	100%	
64																													0	0%	100%	
63															H														0	0%	100%	
62	Н														H														0	0%	100%	
61															L														0	0%	100%	
60	Ш														L														0	0%	100%	
59																													0	0%	100%	
58 57															H														0	0% 0%	100% 100%	
57 56															Х														0	0%	100%	
55															x														1	0%	100%	
54															ľ														0	0%	99%	
53															x														1	0%	99%	
52	х														ľ														1	0%	99%	
51	Х	Х													х	Х													4	2%	98%	
50	Х															X													4	2%	96%	
49																X													2	1% 1%	94% 93%	
48 47	Х	X													X	Х	¥												3	1%	92%	
46	x	х	Х	Х	х													Х											9	4%	90%	*
45							Х	Х	х									Х	Χ	Х	Х								16	8%	86%	*
44				X														Х											12	6%	78%	*
43									Х																	Х	X	Х	23	11%	72%	Ρ
42									X				Х					X								v			23	11% 12%	61% 50%	A C
41 40				X			X	X	X	X	X	X						X					X	X	X	X			13	6%	38%	E
39				X													X		^	^	^	^							10	5%	32%	*
38				X														X	Х	Х									13	6%	27%	*
37	Х	X	X	X	X	X	X								х	X	X	Х	X	X	X	X							15	7%	20%	*
36		Х															Х												8	4%	13%	
35		X	Х	Х													X	Х											8	4% 1%	9% 5%	
34 33	X	Х	¥	¥												X													<u>3</u>	3%	4%	
32	x	î	î	î											r	î													1	0%	1%	
31															ı														0	0%	0%	
30	Х														L														1	0%	0%	
29															L														0	0%	0%	
28	Н														H														0	0% 0%	0% 0%	
27 26	Н														Н														0	0%	0%	
25	Н														L														0	0%	0%	
24															L														0	0%	0%	
23																													0	0%	0%	
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18 17	Н														H														0	0%	0%	
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15	Н														H														0	0%	0%	
	יס	Α	L	NI.	JM	B	ER	2 0)F	VI	ΞH	IC	LF	S =	_	20)5										4		205	100%	0,0	
·									_	-																				70	l	,
P																																

LOCATION:	CAMINO DEL RI Legendario to Pr			
ROAD CHARACTER	RISTICS:			
	Width (ft):	64	Sidewalks/Driveways:	yes
No. of Lanes	s for Both Directions:	4	On-Street Parking:	no
Horizontal Align	ment Design Speed:	50 MPH	Crosswalks:	yes
Vertical Align	ment Design Speed:	40 MPH	Traffic Controls:	Roundabout at Del Rio & Sarmento
ROADWAY CONDIT	TIONS:			
	Lateral Visibility:	Good	Driveway Density:	low
	Surface Condition:	Good	Ped.& Bicycle Activity:	low
AVERAGE DAILY T	RAFFIC:	6,800	SEGMENT LENGTH (ft):	2,992
ACCIDENTS 3-YR T (1/1/2015 - 12/31/20		0	ACCIDENT RATE: Avg. Accident Rate in District 12:	0.00 accidents per million 3.58 vehicles miles
EXISTING SPEED L	IMIT:	40 MPH	APPROVED SPEED LIMIT:	<u>40 MPH</u>
85TH %:	45	MPH	10 MPH PACE:	37 - 46 MPH
051П %:	40	WIFN	10 MPH PACE:	37 - 40 MPH
50TH %:	41	MPH	% IN PACE:	77%
15TH %:	36	MPH	% OVER PACE:	10%
AVERAGE SPEED:	41	MPH	% UNDER PACE:	13%
This speed zone sat	ordance with the Cali	f Section 627 fornia Manual	of the California Vehicle Code (CVC) on Uniform Traffic Control Devices (' ' '

residential neighborhoods, a speed limit posting of 40 MPH is found to be appropriate and justified.

Transportation Studies, Inc. **OBSERVED BY: STUDY PREPARED BY:** Jane Mrotek

RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE

PER CVC 40802, SURVEY EXPIRES: 11/28/2023



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CITY OF SAN CLEMENTE

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DAY OF WEEK: Friday WEATHER: Cloudy SPEED SURVEYED TOTAL CUML. % OF **CAMINO DEL RIO** BOUND WESTBOUND LOCATION: (MPH) VEH TOTAL % 0 0% 100% Precipicio to Avenida La Pata 0% 100% 0 100% 0 ROAD CHARACTERISTICS: 63 0 100% Width (ft): 64 Sidewalks/Driveways: No. of Lanes for Both Directions: 3 On-Street Parking: 0 0% 100% no 0 0% 100% Horizontal Alignment Design Speed: 50 MPH Crosswalks: yes Traffic Controls: Signalized intersection at Camino Del 100% 0 0% Vertical Alignment Design Speed: 40 MPH Rio and Avenida La Pata 58 100% 0% 100% 100% **ROADWAY CONDITIONS:** 1 0% 100% Lateral Visibility: Good Driveway Density: low 2 1% 99% Surface Condition: Good Ped.& Bicycle Activity: low 0% 98% 52 ΧХ 3 98% ΧХ XXXX 6 3% 96% AVERAGE DAILY TRAFFIC: 6.400 SEGMENT LENGTH (ft): 2,038 93% 50 ΧХ 3 5% 92% x x x x x**X X X X X X** 11 86% 5% 85% **ACCIDENTS 3-YR TOTAL: XXXXXXXX** XXX 11 0 ACCIDENT RATE: 0.00 accidents per million x x x x x x x x **x x x x x x x** 16 8% 80% (1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: vehicles miles 9% 72% 45 XXXXXXXXX XXXXXXXX 18 9% 63% **EXISTING SPEED LIMIT:** APPROVED SPEED LIMIT: 40 MPH x x x x x x x x x x **XXXXXXXXX** 19 40 MPH 54% 43 X X XXXXXXXXX 11 42 X X X X X XXXXXXXXX 15 7% 48% 10% 41% x x x x x x x x x **XXXXXXXXXXX** 21 **XXXXXXX** 15 31% 85TH %: 47 MPH 10 MPH PACE: 40 **XXXXXX** 38 - 47 MPH 3% 23% X X X X XΧХ 39 20% XXXX 50TH %: 42 MPH X X X X X9 % IN PACE: 70% **XXXXXX** XXX 10 ΧХ X X X X X7 3% 10% 15TH %: 37 MPH % OVER PACE: 15% 7% ΧХ ΧХ 4 15% 1% 5% 34 ΧХ 2 **AVERAGE SPEED:** 43 MPH % UNDER PACE: X X XΧХ 2% 4% 5 1% 32 0 0% 1% COMMENTS AND/OR RECOMMENDATIONS: 30 0% 1% 0% 0% 29 This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared 0% 0% 28 0 and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). Based on 0% geometric design of the street with Class 2 bike lanes, access to residential areas, proximity to trail access points, 0% and multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. 0 0% 0% 0 0% 0% 0 **OBSERVED BY:** STUDY PREPARED BY: 0% 0% Transportation Studies, Inc. Jane Mrotek 0 0% 0% 0 0 0% 0% 0% 0% Nestor Mangohig, PE, TE, PTOE 19 0 **RECOMMENDATION APPROVED BY:** 0% 0 0% 0% 0 0 0% 0% PER CVC 40802, SURVEY EXPIRES: 12/28/2023 16 0 TOTAL NUMBER OF VEHICLES = 203 100% 203

DATE OF SURVEY: 12/28/18 TIME START: 11:15AM TIME STOP: 12:00PM



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 2/25/19 TIME START: 1:00 PM TIME STOP: 1:15 PM

DAY OF WEEK: Monday WEATHER: Overcast

SPEED	VEHICLES	SURVEYED	TOTAL	% OF	
(MPH)	NORTHBOUND	SOUTHBOUND	VEH	TOTAL CUML. %	LOCATION: EL CAMINO REAL (PACIFIC COAST HIGHWAY)
65			0	0% 100%	Camino Capistrano to Avenida Estacion
64			0	0% 100%	·
63			0	0% 100%	ROAD CHARACTERISTICS:
62			0	0% 100%	Width (ft):56-82 Sidewalks/Driveways:no
61			0	0% 100%	No. of Lanes for Both Directions: 2-3 On-Street Parking: no
60			0	0% 100%	Horizontal Alignment Design Speed: 50 MPH Crosswalks: yes
59 58			0	0% 100% 0% 100%	Vertical Alignment Design Speed: 50 MPH Traffic Controls: Signalized at Cam. Capistrano,
58 57			0	0% 100%	and at Cam. San Clemente
56			0	0% 100%	ROADWAY CONDITIONS:
55		x	1	0% 100%	Lateral Visibility: good Driveway Density: low
54		X	1	0% 100%	Surface Condition: good Ped.& Bicycle Activity: medium
53		<u> </u>	0	0% 99%	Surface Condition. good red. & Bicycle Activity. Interior
52	x		1	0% 99%	
51		х	1	0% 99%	AVERAGE DAILY TRAFFIC: 15,400 SEGMENT LENGTH (ft): 5,518
50			0	0% 98%	
49	x	XXX	4	2% 98%	
	X	XX	3	1% 96% 2% 95%	ACCIDENTS 3-YR TOTAL: 15 ACCIDENT RATE: 0.85 accidents per million
	X X X X X X	X X X X X X X	5 8	4% 92%	ACCIDENTS 3-YR TOTAL: 15 ACCIDENT RATE: 0.85 accidents per million Avg. Accident Rate in District 12: 1.10 vehicles miles
	XXXXX	XXXXX	10	5% 88% *	(1/1/2013 - 12/31/2017) Avg. Accident Rate in District 12. 1.10
	XXXXX	XXXXX	11	5% 83% *	EXISTING SPEED LIMIT: 45 MPH APPROVED SPEED LIMIT: 45 MPH
	XXXXXXXXXX	XXXXXX	17	8% 78% *	AFTROVED SPEED LIMIT. 45 WIFTI
-	XXXX	XXXXXX	11	5% 70% P	
	XXXXXX	XXXXXX	12	6% 65% A	
	xxxxxxx	xxxxxxxx	17	8% 59% C	85TH %: 44 MPH 10 MPH PACE: 36 - 45 MPH
		x x x x x x x x x	23	11% 50% E	
	x x x x x x x x x x x x	XXXXX	17	8% 39% *	50TH %:39
	XXXXXXXXX	XXXXX	15	7% 31% * 8% 24% *	1
	X X X X X X X X X X X X X X X X X X X	XXXX	16	4% 16%	15TH %:34 MPH % OVER PACE:12%
	XXXX	X	8 9	4% 12%	AVERAGE SPEED: 40 MPH % UNDER PACE: 16%
-	XXX	X	4	2% 8%	AVENAGE OF EED. 40 WILLIAM MORPHY AGE.
	xx	хх	4	2% 6%	
31	XXX	XXX	6	3% 4%	COMMENTS AND/OR RECOMMENDATIONS:
30	x		1	0% 1%	
29			0	0% 0%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
28 27	X		1	0% 0% 0% 0%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
27 26			0	0% 0%	Devices (CA MUTCD). A speed limit posting of 45 MPH is found to be appropriate and justified.
25			0	0% 0%	
24			0	0% 0%	
23			0	0% 0%	
22			0	0% 0%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
21			0	0% 0%	
20			0	0% 0% 0% 0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
19 18			0	0% 0%	NEGOWINIENDATION AFFROYED BT. NGSIOI WAITIGOTHY, FE, TE, FTOE
18 17			0	0% 0%	
16			0	0% 0%	PER CVC 40802, SURVEY EXPIRES: 2/25/2024
15			0	0% 0%	I EN OTO TOOME, OUNTET ENTINEO.
	OTAL NUMBER OF VEHICLES =	206	Ŭ	100%	
.,			-50		
				1	Days 40



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/3/18 TIME START: 10:15AM TIME STOP: 11:15AM DAY OF WEEK: Monday WEATHER: Clear

	UFORN			, ,			DATC	OF WEEK: Monday WEATHER:	Clear
SPEED		SURVEYED	% OF						
(MPH)	NORTHBOUND	SOUTHBOUND	TOTAL CUML. %	%	LOCATION:	EL CAMINO RE	AL		
65			0% 100%	6		Avenida Estacio	n to Calle D	e Los Molinos	
64			0% 100%	6					
63			0% 100%	6	ROAD CHARACTER	ISTICS:			
62			0% 100%	6		Width (ft):	56	Sidewalks/Driveways:	yes
61			0% 100%	6	No. of Lanes t	for Both Directions:	4	On-Street Parking:	
60			0% 100%	6		ent Design Speed:	40 MPH	Crosswalks	
59			0% 100%	6	Vertical Alignm	ent Design Speed:	55 MPH	Traffic Controls:	Signalized at Ave. Pico, and at
58			0% 100%	6	J	.			Los Molinos
57			0% 100%	6					200 1110111100
56			0% 100%	6	ROADWAY CONDITI	ONS:			
55			0% 100%	6		Lateral Visibility:	good	Driveway Density:	medium
54			0% 100%	6		Surface Condition:		Ped.& Bicycle Activity:	
53			0% 100%			Canado Conadion.	good	r cala Bioyolo richivity.	
52			0% 100%						
51			0% 100%		AVERAGE DAILY TR	AFFIC:	15,600	SEGMENT LENGTH (ft):	1 584
50			0% 100%		AVERAGE DAIET TO	AITIO.	10,000	OLOMEITI LENGTH (II)	1,004
49			0% 100%						
48			0% 100%	6					
47			0% 100%	6	ACCIDENTS 3-YR TO	OTAL:	11	ACCIDENT RATE:	
46	X		0% 100%		(1/1/2015 - 12/31/201	7)		Avg. Accident Rate in District 12:	3.58 vehicles miles
45			0% 100%	6					
44			0% 100%	6	EXISTING SPEED LI	MIT:	35 MPH	APPROVED SPEED LIMIT:	35 MPH
43		x	0% 100%						
42			0% 100%	6					
41		x	0% 100%	6					
40		хх	0% 99%	6	85TH %:	35	MPH	10 MPH PACE:	27 - 36 MPH
39		XXXXXX	2% 99%	6			•		
38	x	xxxxxxxxxxxxxx	5% 97%	6	50TH %:	29	MPH	% IN PACE:	62%
37	ХX	x x x x x x x x x x x x	3% 93%						
36		xxxxxxxxxxxxxx	5% 90%		15TH %:	23	MPH	% OVER PACE:	10%
35	XXX	xxxxxxxxxxxxxx	7% 85%						
34	X	xxxxxxxxxxxxxx	5% 78%		AVERAGE SPEED:	30	MPH	% UNDER PACE:	28%
33	XXXX	xxxxxxxxxxxxxx	6% 73%						
	XXX	xxxxxxxxxxxxxx	4% 68%						
	x x x x x x x x x x x	xxxxxxxxxxxxx	6% 63%		COMMENTS AND/OF	R RECOMMENDAT	IONS:		
		xxxxxxxxxxxxx	10% 57%						
		xxxxxxxxxxxxxx	9% 47%					on 627 of the California Vehicle	
	X X X X X X X X X X X X X X X X X X X		6% 38%		been prepared and	evaluated in acco	ordance with	the California Manual on Unifor	rm Traffic Control
	X X X X X X X X X X X X X	XXXXX	4% 32%					5 MPH is found to be appropriate	
-	X X X X X X X X X X X X X X X X X X X	XXXXXX	3% 28% 7% 25%			- ,	- 25ig 01 0		
		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 X X X X X X X X X X X X X X	5% 18%						
	X X X X X X X X X X X X X X X X X X X	X	3% 8%		OBSERVED BY:	Transportation	Studios Inc	STUDY PREPARED BY	· Jane Mrotek
	X X X X X X X X X X X X X X X X X X X		2% 5%		ODSLINVED DI.	Transportation S	studies, Inc.	31001 FREFARED BI	. Jane Milotek
			2% 3%						
_	X		1% 2%		RECOMMENDATION	APPROVED BY	Nesto	r Mangohig, PE, TE, PTOE	
	XXXX		1% 1%		RESOMMENDATION	ALL NOVED DI.	1403101	mangong, r E, r E, r TOE	-
18 17	XXX		0% 0%						
	^^			- 1	DED CVC 40000 CU	DVEV EVDIDEO:	10/0/0	022	
16			0% 0% 0% 0%		PER CVC 40802, SU	KVET EXPIRES:	12/3/2	023	
15		105		0					
TC	TAL NUMBER OF VEHICLES =	465	100%	4 L					



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/3/18 TIME START: 11:20AM TIME STOP: 12:20PM DAY OF WEEK: Monday WEATHER: Clear

NORTHROUND SOUTHOUND Total Southous Total Southous S	SPEED	VEHICLES	SURVEYED	% OF	CUML.					
ROAD CHARACTERISTICS: No. of Larees for Bish Directions: No. of	(MPH)	NORTHBOUND	SOUTHBOUND		%	LOCATION:	EL CAMINO RE	AL		
ROAD CHARACTERISTICS: No. of Larees for Bish Directions: No. of	65			0%	100%		Calle De Los Mo	linos to El P	ortal	
ROAD CHARACTERISTICS: No. of Lanes for Bath Diseases: 20 MPH Consesswales: yes	64			0%	100%					
No. of Lanes for Both Directions: 4 On-Siree Parking: Yes On-Siree Parki				0%	100%	ROAD CHARACTER	ISTICS:			
No. of Lanes for Both Directions 4				0%	100%			56	Sidewalks/Driveways:	ves
Horizontal Alignment Design Speed: 40 MPH Crosswalks: yes Traffic Cortrols: Signalized at Los Molinos and at El Portal Alignment Design Speed: 56 MPH Traffic Cortrols: Signalized at Los Molinos and at El Portal Alignment Design Speed: 56 MPH Traffic Cortrols: Signalized at Los Molinos and at El Portal Alignment Design Speed: 56 MPH Traffic Cortrols: Signalized at Los Molinos and at El Portal Alignment Design Speed: 56 MPH Traffic Cortrols: Signalized at Los Molinos and at El Portal Alignment Design Speed: 56 MPH Traffic Cortrols: Signalized at Los Molinos and at El Portal Alignment Design Speed: 56 MPH Traffic Cortrols: 101 molinos 100 molino				0%	100%	No. of Lanes	• • • •			
Vertical Alignment Design Speed:55 MPH	60			0%	100%			40 MPH		ves
Post	59			0%	100%		.,			
## ROADWAY CONDITIONS:	58			0%	100%	J	J			
	57			0%	100%					2.7 5.143.
Surface Condition: good Ped.& Bicycle Activity: medium Sufface Condition: good Ped.& Bicycle Activity: medium	56			0%	100%	ROADWAY CONDIT	IONS:			
AVERAGE DAILY TRAFFIC: 14,100 SEGMENT LENGTH (ft): 2,377 AVG. Accident Rate in District 12: 3,58 vehicles miles ACCIDENTS 3-YR TOTAL: 7 ACCIDENT RATE: 1.01 accidents per million (1/1/2015 - 12/231/2017) Avg. Accident Rate in District 12: 3,58 vehicles miles ACCIDENTS 3-YR TOTAL: 7 ACCIDENT RATE: 1.01 accidents per million (1/1/2015 - 12/231/2017) Avg. Accident Rate in District 12: 3,58 vehicles miles EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH AVX XXXXX	55			0%	100%		Lateral Visibility:	good	Driveway Density:	high
AVERAGE DAILY TRAFFIC: 14,100 SEGMENT LENGTH (ft): 2,377 AVG. Accident Rate in District 12: 3,58 vehicles miles ACCIDENTS 3-YR TOTAL: 7 ACCIDENT RATE: 1.01 accidents per million (1/1/2015 - 12/231/2017) Avg. Accident Rate in District 12: 3,58 vehicles miles ACCIDENTS 3-YR TOTAL: 7 ACCIDENT RATE: 1.01 accidents per million (1/1/2015 - 12/231/2017) Avg. Accident Rate in District 12: 3,58 vehicles miles EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH AVX XXXXX	54			0%	100%		Surface Condition:	good	Ped & Bicycle Activity:	medium
AVERAGE DAILY TRAFFIC: 14,100 SEGMENT LENGTH (ft): 2,377 ACCIDENTS 3-YR TOTAL: 7 AVG. Accident Rate in District 12: 3,58 vehicles miles ACCIDENTS 3-YR TOTAL: 7 AVG. Accident Rate in District 12: 3,58 vehicles miles ACCIDENTS 3-YR TOTAL: 7 AVG. Accident Rate in District 12: 3,58 vehicles miles EXISTING SPEED LIMIT: 35 MPH AVX X X X X X X X X X X X X X X X X X X							Curiaco Corianion.	good	r da.a Bioyolo ridivity.	- Industrial
AVERAGE DAILY TRAFFIC: 14,100 SEGMENT LENGTH (ft): 2,377 ACCIDENTS 3-YR TOTAL: 7 ACCIDENTS A-YR TOTAL: 7 AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District 12: 3.5.8 Vehicles millson (1/1/2015 - 12/23/12017) AVG. Accident Rate in District										
1						AVERAGE DAILY TE	RAFFIC:	14 100	SEGMENT LENGTH (ff)	2 377
## ACCIDENTS 3-YR TOTAL: 7 ACCIDENT RATE: 1.01 accidents per million				0%		7.72.0.02 27.021 11		11,100	020m2rr 22rr0rrr (rr).	2,011
ACCIDENTS 3-YR TOTAL: 7 ACCIDENT RATE: 1.01 accidents per million (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2018) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2018) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2018) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2018) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2018) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2018) Avg. Accident Rate in District 12: 3.58 vehicles miles wehicles (11/12015 - 12/31/2018) Avg. Accident Rate in District 12: 3.58 vehicles miles wehicles (11/12015 - 12/31/2018) Avg. Accident Rate in District 12: 3.58 vehicles miles wehicles (11/12015 - 12/31/2018) Avg. Accident Rate in District 12: 3.58 vehicles miles (11/12015 - 12/31/2018) Avg. Accident Rate in District 12				0%	100%					
46 45 46 47 48 48 49 40 40 40 40 40 40 40 40 40 40 40 40 40				0%	100%					
## APPROVED SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH ## A	47			0%		ACCIDENTS 3-YR TO	OTAL:	7	ACCIDENT RATE:	1.01
## APPROVED SPEED LIMIT: 35 MPH	46					(1/1/2015 - 12/31/201	7)		Avg. Accident Rate in District 12:	3.58 vehicles miles
42 41 42 41 40 40 40 40 40 40 40 41 41 40 40 40 40 40 40 40 41 41 41 41 41 42 41 41 42 41 42 41 43 44 44 45 46 46 47 48 48 48 48 48 48 48 48 48 48 48 48 48	45			0%	100%					
42 41 41 41 41 41 41 41 41 41 41 41 41 41	44			0%	100%	EXISTING SPEED LI	IMIT:	35 MPH	APPROVED SPEED LIMIT:	35 MPH
Add	43			0%	100%					
Note	42			0%	100%					
	41		XXX							
38	40					85TH %:	34	MPH	10 MPH PACE:	25 - 34 MPH
X										
36						50TH %:	29	MPH	% IN PACE:	73%
X X X X X X X X X X X X X X X X X X X						4====	2.4	MOU	o/ o//== ====	4.407
AVERAGE SPEED: 30 MPH % UNDER PACE: 13%						151H %:	24	MPH	% OVER PACE:	14%
X						AVEDACE SPEED.	20	MDL	% LINDED BACE.	13%
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX						AVERAGE SPEED:		IVIPI	% UNDER PACE:	1070
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX										
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX						COMMENTS AND/O	R RECOMMENDAT	IONS:		
X X X X X X X X X X X X X X X X X X X						COMMENTS AND/O	K KECOMINIENDAT	10143.		
X						This speed zone so	atiefies the condition	one of Section	on 627 of the California Vehicle	Code (CVC) and has
X X X X X X X X X X X X X X X X X X X						· '				,
26										
25				7%	24% *	Devices (CA MUTC	CD). A speed limit	posting of 3	5 MPH is found to be appropriat	e and justified.
24	25		xxxxxxxxxxxxx	5%	18% *					
22	24	x x x x x x x x x x x x x x x x	XXXXX	5%	13%	-				
21	23	x x x x x x x x x	x	2%	7%					
20	22					OBSERVED BY:	Transportation S	tudies, Inc.	STUDY PREPARED BY:	Jane Mrotek
19	21		XXXX							
18								N. 1	Managhia DE TE DTOE	
17 X X		XXX	XXXXX			RECOMMENDATION	NAPPROVED BY:	Nestor	iviangonig, PE, TE, PTOE	
16										
15 0% 0%		XX		0%	_					
10	16			0%		PER CVC 40802, SU	RVEY EXPIRES:	12/3/20	023	
TOTAL NUMBER OF VEHICLES = 576 100%				0%	0%				_	
	Т	OTAL NUMBER OF VEHICLES =	576	100%						



DATE OF SURVEY: 12/20/18 TIME START: 11:45AM TIME STOP: 12:30PM

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY DAY OF WEEK: Thursday WEATHER: Cloudy SPEED VEHICLES SURVEYED CUML. % OF NORTHBOUND **SOUTHBOUND** LOCATION: EL CAMINO REAL TOTAL 65 0% 100% El Portal to Avenida Palizada 64 63 **ROAD CHARACTERISTICS:** 100% Width (ft): Sidewalks/Driveways: 62 56 0% 100% No. of Lanes for Both Directions: On-Street Parking: yes 61 0% 100% Horizontal Alignment Design Speed: 60 40 MPH Crosswalks: yes Traffic Controls: Signalized at El Portal, Mariposa, 59 Vertical Alignment Design Speed: 55 MPH 58 Palizada 100% 57 0% 100% 56 **ROADWAY CONDITIONS:** 55 100% Lateral Visibility: Driveway Density: high good 0% 100% Surface Condition: Ped.& Bicycle Activity: 54 good high 53 52 51 100% AVERAGE DAILY TRAFFIC: 13.300 SEGMENT LENGTH (ft): 1,800 100% 50 0% 100% 49 100% 48 accidents per million **ACCIDENTS 3-YR TOTAL:** 47 100% ACCIDENT RATE: 3.63 18 vehicles miles Avg. Accident Rate in District 12: 46 (1/1/2015 - 12/31/2017) 100% 45 0% APPROVED SPEED LIMIT: 30 MPH 44 100% **EXISTING SPEED LIMIT:** 30 MPH 100% 43 0% 100% 42 0% 100% 41 MPH 85TH %: ΧХ 40 10 MPH PACE: 27 - 36 MPH 39 98% 50TH %: 38 X X X X X X30 MPH % IN PACE: 86% 95% 37 XXXX 3% 92% 36 ΧХ XXXX 15TH %: 27 MPH % OVER PACE: 8% 6% 89% X X X X X X**XXXXXX** 35 6% 83% 34 XXXXXXXXXX XXXXXXXX **AVERAGE SPEED:** MPH % UNDER PACE: 74% **P** 33 XXXXXXXX 66% A 32 XXXXXXXXX **XXXXXXXXX** 56% C COMMENTS AND/OR RECOMMENDATIONS: XXXXXXXXX **XXXXXXXXX** XXXXXXXXXXXXX x x x x x x x x x 47% E 10% 36% XXXXXXXXX xxxxxxxxxxx 29 This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has 26% XXXXXXXX x x x x x x x x x x x x been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control 27 X X X X X X X X XXXXXXXXXX Devices (CA MUTCD), with application of CVC Section 21400(b). A speed limit posting of 30 MPH Is 26 X X X X Xfound to be appropriate and justified. 25 ххх ΧХ 3% 0% 0% 24 0% 0% 23 0% **OBSERVED BY:** STUDY PREPARED BY: Jane Mrotek 22 0% Transportation Studies. Inc. 0% 21 0% 20 Nestor Mangohig, PE, TE, PTOE 0% 0% RECOMMENDATION APPROVED BY: 19 0% 0% 18 0% 0% 17 PER CVC 40802, SURVEY EXPIRES: 12/20/2023 16 TOTAL NUMBER OF VEHICLES = 201 100%



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 2/19/19 TIME START: 3:00 PM TIME STOP: 3:30 PM DAY OF WEEK: Tuesday WEATHER: Cloudy

SPEED	VEHICLES	SURVEYED							•	•
(MPH)	NORTHBOUND	SOUTHBOUND	% OF TOTAL	CUML. %		LOCATION:	EL CAMINO RE	AL		
65			0%	100%			Avenida Palizada	a to Avenida	Presidio	
64			0%	100%						
63			0%	100%		ROAD CHARACTER	ISTICS:			
62			0%	100%			Width (ft):	56	Sidewalks/Driveways:	yes
61			0%			No. of Lanes	for Both Directions:	4	On-Street Parking:	yes
60			0%	100%			nent Design Speed:	40 MPH	Crosswalks:	yes
59			0%	100%			nent Design Speed:			<u>yes</u> Signalized at Palizada, Del Mar, Victoria
58			0%	100%		Vertical Alignii	nent besign speed.	JJ IVIFTT	Tranic Controls.	Signalized at Falizada, Del Mai, Victoria
57			0%	100%						
56			0%	100%		ROADWAY CONDITI	ONS:		,	
55			0%	100%			Lateral Visibility:	limited	Driveway Density:	high
54			0%	100%			Surface Condition:		Ped.& Bicycle Activity:	high
53			0%	100%			Carrace Corrantori.	good	r ed.a Bioyole netivity.	
52			0%	100%						
51			0%	100%		AVERAGE DAILY TR	AFFIC:	14,300	SEGMENT LENGTH (ft):	2,112
50			0%	100%				,	•	
49			0%	100%						
48			0%	100%		4 0 0 IDENTO A VO TO				3 67 accidents per million
47			0%			ACCIDENTS 3-YR TO		23	ACCIDENT RATE:	0.01
46			0%	100%		(1/1/2015 - 12/31/201	7)		Avg. Accident Rate in District 12:	3.58 vehicles miles
45			0%	100%						
44			0%	100%		EXISTING SPEED LI	MIT:	30 MPH	APPROVED SPEED LIMIT:	30 MPH
43		X	1%	100%	L					
42			0%	100%						
41			0% 0%	100% 100%		OFTILO/.	24	MDII	40 MPH BACE.	04 00 MDH
40 39			0%	100%		85TH %:	31	MPH	10 MPH PACE:	24 - 33 MPH
38	Y	Y	1%	100%		50TH %:	27	MPH	% IN PACE:	88%
37	x		1%	99%		30111 /0.		IVII I I	70 IN I AGE.	0070
36	X		1%	98%		15TH %:	24	MPH	% OVER PACE:	6%
35		xx	1%	98%					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3,0
34	x	xxxx	3%	97%		AVERAGE SPEED:	28	MPH	% UNDER PACE:	7%
33	x x x x x x x x	XXXX	6%	94%	*				,	
32	XXXXX	x x x x x x	6%	88%	*					
31	XXXX	XXXX	4%	83%	*	COMMENTS AND/OF	R RECOMMENDAT	IONS:		
30	XXXXXX	XXXXXXXXXXXXX	11%	79%	P					
29	x x x x x x x x x x x x x x x	XXXXXXX	11%	68%	A C				n 627 of the California Vehicle Co	
28	XXXXXXXXXXXXX	XXXXXX	11%	58% 47%	E	been prepared and	evaluated in acco	rdance with t	he California Manual on Uniform	Traffic Control
27 26	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 X X X X X X X X X X	11%	35%	*				MPH is found to be appropriate	
26 25	X X X X X X X X X X X X X X X X X X X	XXXXXX	10%	24%	*		,	,	and the second s	,
25 24	XXXXXXXX	XXXXXX	8%	14%	*					
23	xx ^^^	X	2%	7%	 					
22	XXXXXX	x	4%	5%		OBSERVED BY:	Transportation S	studies Inc	STUDY PREPARED BY:	Jane Mrotek
21	XX		1%	2%		-	Transportation C			
20		x	1%	1%						
19			0%	0%		RECOMMENDATION	APPROVED BY:	Nestor	Mangohig, PE, TE, PTOE	
18		 	0%	0%			•		3- 3, ,,	
17	 		0%	0%						
16			0%	0%		PER CVC 40802, SUI	RVEY EXPIRES:	2/19/20)24	
15			0%	0%		010 40002, 001	LAI IIILO.	2/10/20		
	TOTAL NUMBER OF VEHICLES =	= 200	100%							
	TOTAL HOMBER OF VEHICLES		,		┕					



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/20/18 TIME START: 10:30AM TIME STOP: 11:00AM DAY OF WEEK: Thursday WEATHER: Cloudy

SPEED	VEHICLES	SURVEYED	% OF					
(MPH)	NORTHBOUND	SOUTHBOUND	TOTAL	CUML. %	LOCATION: EL CAMI	NO REAL		
65			0%	100%	Avenida	Presidio to Aver	nida Valencia	
64			0%	100%				
63			0%	100%	ROAD CHARACTERISTICS:			
62			0%	100%		Ith (ft): <u>56</u>	Sidewalks/Driveways:	yes
61			0%	100%	No. of Lanes for Both Dire		On-Street Parking:	yes
60			0% 0%	100% 100%	Horizontal Alignment Design S		Crosswalks:	yes
59			0%	100%	Vertical Alignment Design S	Speed: 55 MPH	_ I raffic Controls:	Signalized at Barcelona & Valencia
58 57			0%	100%				
5 <i>1</i>			0%	100%	ROADWAY CONDITIONS:			
						- 9- 99a	Dali a a a a a a a a a a a a a a a a a a	and a divine
55			0%	100%	Lateral Vi	,	Driveway Density:	
54			0%	100%	Surface Co	ndition: good	Ped.& Bicycle Activity:	medium
53			0%	100%				
52			0%					
51			0%	100%	AVERAGE DAILY TRAFFIC:	16,000	SEGMENT LENGTH (ft):	3,168
50			0%	100%				
49			0% 0%	100% 100%				
48 47			0%	100%	ACCIDENTS 3-YR TOTAL:	00	ACCIDENT DATE	2 10 accidents per million
47 46		x	0%	100%	(1/1/2015 - 12/31/2017)	23	ACCIDENT RATE: Avg. Accident Rate in District 12:	2.10
46 45		^	0%	100%	(1/1/2015 - 12/31/2017)		Avg. Accident Rate in District 12.	3.56
				-	EVICTING OPERA LIMIT.	OO MDII	ADDDOVED ODEED LIMIT.	20 MPH
44			0%	100%	EXISTING SPEED LIMIT:	30 MPH	APPROVED SPEED LIMIT:	30 IVIPH
43		X	0%	100%				
42	X	XX	1% 1%	99% 98%				
41		XX	1%	97%	DETIL 0/ . 25	MDII	T 40 MDU DACE.	27 26 MDH
40	хх	XX	2%	96%	85TH %: 35	MPH	10 MPH PACE:	27 - 36 MPH
39 38	^^	XX	1%	94%	50TH %: 30	MPH	% IN PACE:	75%
37	xxx	XXXXXX	4%	93%	30 H %.	IVIFI	% IN PAGE.	7 3 76
36	XXXXX	XXXXXXXX	6%	89%	15TH %: 26	MPH	% OVER PACE:	11%
35	XXX	XXXXXXXXX	6%	82%	13111 70.	IVII I I	_ // OVER I AGE:	1170
34	XXXXXXX	XXXXXXX	7%	77%	AVERAGE SPEED: 31	MPH	% UNDER PACE:	14%
33	XXXXXXXXX	XXXXXXXXXX	10%	70%	7.72.0.02.01.225.		,,, on Den 1, 1, 102.	
32	xxxxxxxxxx	XXXX	7%	61%				
31	XXXXXXX	XXXXXXXXXXX	9%	54%	COMMENTS AND/OR RECOMM	ENDATIONS:		
30	XXXXXXXXX	XXXXXXXXXX	9%	45%				
29	XXXXXXXXXXXXXXX	(XXXX	9%	36%			ion 627 of the California Vehicle	
28	x x x x x x x x x x x x	XXXXX	8%	27%			h the California Manual on Unifor	
27	x x x x x x x x x x	x x	5%	19%	Devices (CA MUTCD). Based	on the high volum	ne of pedestrians and density of c	ommercial
26	x x x x x x x x x	x x	5%	14%			ting of 30 MPH is found to be app	
25	XXXXX	XXX	4%	9%	Jacon record in entirely and earliest,	а оросак рос	g or oo	ropriate and Justinious
24	XXXXX	ХX	4%	6%				
23	XX	X	1%	2%	ODOEDVED DV		OTUDY PREDARED BY	lawa Mustali
22			0%	1%	OBSERVED BY: Transport	ation Studies, Inc.	STUDY PREPARED BY:	Jane Mrotek
21	X		0%	1%				
20	X		0%	0%				
19			0%	0%	RECOMMENDATION APPROVE	D BY: Nesto	or Mangohig, PE, TE, PTOE	
18			0%	0%				
17			0%	0%				
16			0%	0%	PER CVC 40802, SURVEY EXPI	RES: 12/20/	/2023	
15			0%	0%				
Т	OTAL NUMBER OF VEHICLES =	: 228	100%					



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/20/18 TIME START: 11:00AM TIME STOP: 11:45AM

DAY OF WEEK: Thursday WEATHER: Cloudy

SPEED	VEHICLES	SURVEYED							·
(MPH)	NORTHBOUND	SOUTHBOUND	% OF TOTAL	CUML. %	LOCATION:	EL CAMINO RE	AI		
65		111111111111111111111111111111111111111	0%	100%		Avenida Valenci		el Commercio	
			0%			Averilua valeriu	a to Calle Di	ei Commercio	
64 63			0%	100%	BOAD CHARACTER	CTICC.			
63 62			0%	100%	ROAD CHARACTERI	Width (ft):	56	Sidewalks/Driveways:	ves
61			0%	100%	No. of Lanes f	or Both Directions:	4	On-Street Parking:	yes
60			0%	100%		ent Design Speed:	40 MPH	Crosswalks:	ves
59			0%	100%		ent Design Speed:			Signalized at Valencia, San Juan, San
58			0%	100%	vertical / tilgrilli	citt Design Opeca.	00 1/11 11	Traine Controls.	Gabriel, Fwy. overpass & San Luis Rey
57			0%	100%					Cabrici, wy. everpass a Carr Edio Rey
56			0%	100%	ROADWAY CONDITI	ONS:			
55			0%	100%		Lateral Visibility:	good	Driveway Density:	medium
54			0%	100%		Surface Condition:		Ped.& Bicycle Activity:	
53			0%	100%		Surface Condition.	good	red. & Bicycle Activity.	medium
53 52		v	0%	100%					
52 51		<u> ^</u>	0%	100%	AVERAGE DAILY TR	AFFIC:	11,200	SEGMENT LENGTH (ft):	4 752
50			0%	100%	ATENAGE PAIL! IN	A. 1 IV.	11,200	CLOMENT LENGTH (II).	7,102
49		 	0%	100%					
48	x	x	1%	100%					aggidanta nor million
47		x	0%	99%	ACCIDENTS 3-YR TO	DTAL:	26	ACCIDENT RATE:	2.36 accidents per million
46	x	x	1%	98%	(1/1/2015 - 12/31/201	7)		Avg. Accident Rate in District 12:	3.58 vehicles miles
45			0%	97%					
44	хх	x	1%	97%	EXISTING SPEED LII	MIT:	35 MPH	APPROVED SPEED LIMIT:	35 MPH
43	хх	XXXXX	3%	96%					
42	XXXX	XXXX	4%	92%					
41	X	x x	1%	89%					
40	XXXXX	x x	4%	87%	85TH %:	39	MPH	10 MPH PACE:	30 - 39 MPH
39	XXXX	XXXXX	5%	83% *					
	XXX	XXXXXXX	5%	78% *	50TH %:	34	MPH	% IN PACE:	75%
37	XXXXXXX	XXXX	6%	73% *					
	XXXXXX	XXXXXX	6% 11%	67% P 61% A	15TH %:	30	MPH	% OVER PACE:	17%
	X X X X X X X X X X X X X X	XXXXXXXX	10%	50% C		0.5	MDU	0/ LINDED DAGE:	9%
	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 X X X X X X X X X X	10%	41% E	AVENAGE OF EED.	35	MPH	% UNDER PACE:	370
	X X X X X X X X X X X X X X X X	XXXXXXXXX	11%	31% *					
	XXXXXX	XXXXX	5%	19% *	COMMENTS AND/OF	RECOMMENDAT	IONS:		
	XXXXXX	XXXXX	5%	14% *	GOMMENTO AND/OF	(NEOOMINENDA	10110.		
	XXX	XXX	3%	9%	This speed zone sa	tisfies the conditi	ons of Section	on 627 of the California Vehicle	Code (CVC) and has
28	XXXX	x	2%	6%				the California Manual on Unifor	
27	X	x	1%	3%					
26	x	хх	1%	2%	· ·			Section 21400(b). A speed limit p	usting of 35 MPH is
25	x		0%	1%	found to be appropr	rate and justified			
24			0%	0%					
23		X	0%	0%	000000/50 07			OTUDY PREPARED SY	lone Mastel
22			0%	0%	OBSERVED BY:	Transportation S	Studies, Inc.	STUDY PREPARED BY:	Jane Mrotek
21			0% 0%	0% 0%					
20			0%	0%	RECOMMENDATION	APPROVED BY:	Nasto	Mangohig, PE, TE, PTOE	
19 18			0%	0%	RECOMMENDATION	ALLICAED DI:	1462(0)	mangorily, i L, IL, FIOL	
17		 	0%	0%					
			0%	0%	DED CAC 40003 SIII	DVEV EVDIDES:	12/20/2	2023	
16			0%	0%	PER CVC 40802, SUI	AVET EAPIRES:	12/20/2	2023	
15	TAL NUMBER OF VEHICLES =	200	100%	0 /0					
10	JIAL NUMBER OF VEHICLES =	: 203	100 /0	<u> </u>					



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 3/13/19 TIME START: 9:40 AM TIME STOP: 10:25 AM DAY OF WEEK: Wednesday WEATHER: Clear

SPEED	VEHICL	ES SURVEYED		CUML.	DAY OF WEEK: Wednesday WEATHER: Clear
(MPH)	NORTHBOUND	SOUTHBOUND	% OF TOTAL	%	LOCATION: EL CAMINO REAL
65			0%	100%	Calle Del Commercio to South City Limit
64			0%	100%	Calle Del Confinerato to Court City Elimit
63			0%	100%	ROAD CHARACTERISTICS:
62			0%	100%	Width (ft): 56 Sidewalks/Driveways: yes
61			0%	100%	No. of Lanes for Both Directions: 4 On-Street Parking: Yes
60			0%	100%	Horizontal Alignment Design Speed: 40 MPH Crosswalks: yes
59			0%	100%	Vertical Alignment Design Speed: 55 MPH Traffic Controls: Signalized at San Luis Rey; 9 stops
58			0%	100%	between Del Comercio and Avenida
57			0% 0%	100% 100%	Santa Margarita.
56			_		ROADWAY CONDITIONS:
55			0%	100%	Lateral Visibility: good Driveway Density: medium
54			0%	100%	Surface Condition: good Ped.& Bicycle Activity: high
53			0% 0%	100%	
52 51			0%	100%	AVERAGE DAILY TRAFFIC: 3,300 SEGMENT LENGTH (ft): 4,224
50			0%	100%	3,000 SEGMENT LENGTH (II). 4,224
49			0%	100%	1 1
48	X		1%	100%	1
47		X	1%	99%	ACCIDENTS 3-YR TOTAL: 11 ACCIDENT RATE: 3.81 accidents per million
46		хх	2% 0%	98% 96%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles
45					APPROVED OPER LIMIT OF MELL
44		X	1%	96%	EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH
43 42	X X X X X X	XX	3% 8%	95% 92% *	*
	XXX	XX	5%	85% *	1∗
	XXXXXX	x	8%	80% *	* 85TH %: 41 MPH 10 MPH PACE: 33 - 42 MPH
	XXXXXXX	XXXX	11%	73% P	
38	x x x x x x x	хх	8%	61% A	00111 701
	XXXX	ХX	6%	53% C	
	x x x x x x x x	X	8%	47% E	
	XXXXXX	XXX	8% 12%	39% * 30% *	* AVERAGE SPEED: 37 MPH % UNDER PACE: 7%
	X X X X X X X X X X X X X X X X X X X	XXXXXX	11%	18% *	* AVERAGE SPEED:37
32	X	^^^^	1%	7%	1 1
31	^	x	1%	6%	COMMENTS AND/OR RECOMMENDATIONS:
30	ХX		2%	5%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been
	X		1%	3%	prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA
-	XX		2%	2%	MUTCD). Based on the street segment's proximity to park, golf, elementary school uses (direct pedestiran
27			0% 0%	0% 0%	bridge access), and high volume of pedestrian and bicyclist traffic, a speed limit posting of 35 MPH is found to
26 25			0%	0%	be appropriate and justified.
25			0%	0%	be appropriate and justiness.
23			0%	0%	
22			0%	0%	OBSERVED BY: Jane Mrotek STUDY PREPARED BY: Jane Mrotek
21			0%	0%	
20			0%	0%	DECOMMENDATION APPROVED BY: Nector Managhia DE TE DIOE
19			0% 0%	0% 0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18 17			0%	0%	
					DED CVC 40000 CUDVEY EXPIDES: 2/42/2024
16			0% 0%	0% 0%	PER CVC 40802, SURVEY EXPIRES: 3/12/2024
15 T	OTAL NUMBER OF VEHICLE	:s = 106	100%	0 /0	
- 11	UTAL NUMBER OF VEHICLE	: 3 = 100	100%		L



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/20/18 TIME START: 1:15PM TIME STOP: 2:15PM

DAY OF WEEK: Thursday WEATHER: Cloudy

ED	\/E!!!^	LES SURVEYED			O	
			TOTAL	% OF	CUML.	LOCATION: EL DODTAL FACT
1)	EASTBOUND	WESTBOUND	VEH	TOTAL	%	LOCATION: EL PORTAL, EAST
			0	0%	100%	El Camino Real to Avenida De La Estrella
			0	0%	100%	
			0	0%	100%	ROAD CHARACTERISTICS:
			0	0%	100%	Width (ft): 40 Sidewalks/Driveways: yes
_			0	0% 0%	100%	No. of Lanes for Both Directions: 2 On-Street Parking: yes
			0	0%	100% 100%	Horizontal Alignment Design Speed: 25 MPH Crosswalks: yes
			0	0%	100%	Vertical Alignment Design Speed: 30 MPH Traffic Controls: Traffic signals at El Camino Re
			0	0%	100%	and Ave. De La Estrella
			0	0%	100%	ROADWAY CONDITIONS:
			0	0%	100%	Lateral Visibility: good Driveway Density: high
						,
			0	0%	100%	Surface Condition: good Ped.& Bicycle Activity: medium
			0	0% 0%	100% 100%	
		 	0	0%	100%	AVERAGE DAILY TRAFFIC: 3,000 SEGMENT LENGTH (ft): 2,900
		 	0	0%	100%	AVENAGE DALLI TRATTIC. 3,000 SEGMENT LENGTH (II): 2,900
		 	0	0%	100%	
			0	0%	100%	
			0	0%	100%	ACCIDENTS 3-YR TOTAL: 5 ACCIDENT RATE: 2.77 accidents per million
			0	0%	100%	(1/1/2015 - 12/31/2018) Avg. Accident Rate in District 12: 1.10 vehicles miles
			0	0%	100%	
			0	0%	100%	EXISTING SPEED LIMIT: 25 MPH APPROVED SPEED LIMIT: 25 MPH
			0	0%	100%	
			0	0%	100%	
			0	0%	100%	
			0	0%	100%	85TH %: 31 MPH 10 MPH PACE: 24 - 33 MPH
			0	0%	100%	
			0	0%	100%	50TH %:27 MPH % IN PACE:77%
			0	0%	100%	AFTURY OR ANGLE OR OVER DATE.
X	(xxxx	5	2% 0%	100% 98%	15TH %: 23 MPH % OVER PACE: 8%
	(X	xxxxxxx	10	5%	97%	AVERAGE SPEED: 28 MPH % UNDER PACE: 15%
	(XXXXXX	XXXX	11	5%	92%	AVERAGE SPEED: 20 WIFT % UNDER PAGE: 15/10
	(X	XXXXXXXXXX	13	6%	87%	*
	(XXXXXXX	XXXXXXXXXXX	20	9%	81%	* COMMENTS AND/OR RECOMMENDATIONS:
	(XXXX	XXXXXXXXXXX	17	8%	72% F	
	(XXXXXX	XXXXXXXXXX	18	8%	64% /	and evaluated in accordance with the California Manual on Lie Cambrida Control Devices (CA MITCD). Reserved on
	(XXXXXXX	x x x x x x x x x	18	8%	55%	the magnetic decima of the etrest direct economic multi-femily and single-femily residential and compositely
	(XXXXXXXXX	x x x x x x x x x	19	9%	47%	
	(20	9%	38%	establishments, driveway density, and multimodal activity, a speed limit posting of 25 MPH is found to be
	(X X X X X	x x x x x x x x	14	7%	29%	appropriate and justified.
	(XXXXXXXXX	XXXX	15	7%	22%	·
	(X X X X X	XXXX	10	5%	15%	
	(X	xxxx	6	3%	10%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
	(X	xxx	5	2%	8%	
X		x x	3	1%	5%	DECOMMENDATION APPROVED BY:
Х		X	2	1%	4%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
х	(X X X	x	5	2%	3%	
			0	0%	0%	40/00/0000
Х	(1	0%	0%	PER CVC 40802, SURVEY EXPIRES: 12/20/2023
	TAL NUMBER OF VEHICL		213	0% 100%	0%	



VEHICLES SURVEYED

SPEED

CITY OF SAN CLEMENTE

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

TOTAL CUML.

DATE OF SURVEY: 11/30/18 TIME START: 2:00PM TIME STOP: 3:00PM

DAY OF WEEK: Friday WEATHER: Cloudy LOCATION: AVENIDA DE LA ESTRELLA Avenida Presidio to East El Portal **ROAD CHARACTERISTICS:** Width (ft): 40 Sidewalks/Driveways: yes No. of Lanes for Both Directions: On-Street Parking: Horizontal Alignment Design Speed: 30 MPH Crosswalks: yes Vertical Alignment Design Speed: 30 MPH Traffic Controls: traffic signal at the intersection with Avenida Palizada **ROADWAY CONDITIONS:** Lateral Visibility: good Driveway Density: medium Surface Condition: Ped.& Bicycle Activity: aood **AVERAGE DAILY TRAFFIC:** 6,830 SEGMENT LENGTH (ft): 2,860 accidents per million ACCIDENTS 3-YR TOTAL: 15 ACCIDENT RATE: vehicles miles Avg. Accident Rate in District 12: (1/1/2015 - 12/31/2017)**EXISTING SPEED LIMIT:** 25 MPH APPROVED SPEED LIMIT: 25 MPH 31 85TH %: MPH 10 MPH PACE: 21 - 30 MPH 50TH %: 25 MPH % IN PACE: 71% 15TH %: 21 MPH % OVER PACE: 18% 11% **AVERAGE SPEED:** 26 MPH % UNDER PACE: COMMENTS AND/OR RECOMMENDATIONS: This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). Based on the geometric design of the street, direct accesss to multi-family and single family residential and commercial establishments, driveway density, and multimodal activity, a speed limit posting of 25 MPH is found to be appropriate and justified. **OBSERVED BY:** Transportation Studies, Inc. **STUDY PREPARED BY: Jane Mrotek** RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE PER CVC 40802, SURVEY EXPIRES: 11/30/2023

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þ	(П	1	0%	99%	1
)	(П	1	0%	98%	
)	(Х	Х												3	1%	98%	
														Х												Щ	1	0%	96%	
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	(X		Х	Х											Х											Щ	9	4%	94%	
	(X													_					Х	X.	X					Щ	10	5%	90%	
	X																X	X								11	7	3%	86%	١.
	X													_	X			10	١		٧,			.,		1	8	4%	82%	
-	X													_								X	X.	X		+	16	7%	79%	
	X																			X :					v	+	14	7% 8%	71% 64%	P
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SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/30/18 TIME START: 9:00AM TIME STOP: 9:45AM

DAY OF WEEK: Friday WEATHER: Clear

	LIFORNIA	SPEED LIMIT - LING	··· ·· ·		~			DAY OF	WEEK:	Friday	WEAT
SPEED	VEHIC	CLES SURVEYED	TOTAL	% OF	CUML.						
(MPH)	EASTBOUND	WESTBOUND	VEH	TOTAL	%	LOCATION:	CAMINO DE ES	STRELLA			
65			0	0%	100%		Interstate 5 to V	Vest City Limit			
64			0	0%	100%			•			
63			0	0%	100%	ROAD CHARACT	ERISTICS:				
62			0	0%	100%		Width (ft)	: 84		Sidewa	alks/Drive
61			0	0%	100%	No. of Lar	nes for Both Directions	: 4		On-	Street Pa
60			0	0%	100%	Horizontal Ali	gnment Design Speed	: 35 MPH			Cross
59			0	0%	100%	Vertical Ali	gnment Design Speed	40 MPH		Т	Traffic Co
58			0	0%	100%						
57			0	0%	100%						
56			0	0%	100%	ROADWAY CON	DITIONS:				
55			0	0%	100%		Lateral Visibility	: good		Dri	veway De
54		x	1	0%	100%		Surface Condition	n: good		Ped.& E	Bicycle A
53			0	0%	100%			3000			,
52			0	0%	100%						
51			0	0%	100%	AVERAGE DAILY	TRAFFIC:	10.600	9	SEGMENT	Γ LENGT
0			0	0%	100%						
9	ХX		2	1%	100%						
18		X	1	0%	99%						
17	X	ХX	3	1%	98%	ACCIDENTS 3-YF	R TOTAL:	15		ACC	CIDENT F
46			0	0%	97%	(1/1/2015 - 12/31/	2017)		Avg. Acc	cident Rate	e in Distr
15	ХX		2	1%	97%	·					
14	x	xxxx	5	2%	96%	EXISTING SPEED	LIMIT:	35 MPH	API	PROVED	SPEED I
3	xxxx	хх	7	3%	94%						
12	XXXXX	XX	7	3%	90%						
1	X	XXXX	5	2%	87%						
)	ХX	XXXXXX	8	4%	85%	85TH %:	40	MPH	1	10 MPH P	ACE:
9	ХX	XXXXXXXXXXX	14	6%	81% *	,					
8	XXXXX	xxxx	9	4%	75% *	50TH %:	33	MPH	q	% IN PAC	E:
7	XXX	XXXX	7	3%	71% *						
6	XXXXXXX	xxxxxx	15	7%	67% P	15TH %:	28	MPH	c.	% OVER F	PACE:
5	XXXXXXXX	x x x x x x x x x x	19	9%	61% A						
4	XXXXXXXX	x x x x x x x x x x x	20	9%	52% C	AVERAGE SPEE	D : 35	MPH	c.	% UNDER	PACE:
3	XXXXXXXXX	XXXX	14	6%	43% E						
2	x x x x x x x	XXXXX	13	6%	36% *						
1	X X X X X X	x x x x x x x x x x x	17	8%	30% *	COMMENTS AND	OR RECOMMENDAT	ΓIONS:			
0	X X X X X X X	x x x x x x	13	6%	22% *	This aread ware			7 -4 41 (N=1:6=:= 1	\/ab:ala /
9	x x x x x x x	XXX	10	5%	17%		satisfies the condition				
8	XXXXX	XXX	8	4%	12%	1 1' '	luated in accordance				
27	XXXXX	X	6	3%	8%	MUTCD). Based	on the high denisty re	esidential and co	mmercia	I nature o	of Camin
26	XXXX	X	5	2%	6%	multimodal activit	y on the segment, a	speed limit posti	ng of 35	MPH is fo	ound to b
25	ХX	X X	4	2%	3%			<u> </u>			
24	X		1	0%	1%						
23	X		1	0%	1%						
22	X		1	0%	0%	OBSERVED BY:	Transportation S	Studies, Inc.	(STUDY PI	REPARE
21			0	0%	0%						
20			0	0%	0%						
19			0	0%	0%	RECOMMENDAT	ON APPROVED BY:	Nestor N	/langohio	g, PE, TE	:, PTOE
8			0	0%	0%						
7			0	0%	0%						
6			0	0%	0%	PER CVC 40802.	SURVEY EXPIRES:	11/30/20	23		
15		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0	0%	0%						
	OTAL NUMBER OF VEHICL	010	218	100%	_	ı					

LOCATION: CAMINO DE ES		
ROAD CHARACTERISTICS: Width (ft) No. of Lanes for Both Directions Horizontal Alignment Design Speed Vertical Alignment Design Speed	: 84 : 4 : 35 MPH	Sidewalks/Driveways:yes On-Street Parking:yes Crosswalks:yes Traffic Controls: signalized at Cam. Mira Costa,
ROADWAY CONDITIONS:		Shopping Center and at I-5
Lateral Visibility Surface Condition		Driveway Density: medium Ped.& Bicycle Activity: medium
AVERAGE DAILY TRAFFIC:	10,600	SEGMENT LENGTH (ft): 3,141
ACCIDENTS 3-YR TOTAL: (1/1/2015 - 12/31/2017)	15	ACCIDENT RATE: 2.17 Avg. Accident Rate in District 12: 1.48 accidents per million vehicles miles
EXISTING SPEED LIMIT:	35 MPH	APPROVED SPEED LIMIT: 35 MPH
85TH %: 40	MPH	10 MPH PACE : <u>30 - 39 MPH</u>

ia Vehicle Code (CVC) and has been Iniform Traffic Control Devices (CA e of Camino de Estrella, including found to be appropriate and justified.

Jane Mrotek PREPARED BY:

65%

19%

17%



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/10/18 TIME START: 1:00PM TIME STOP: 4:00PM DAY OF WEEK: Monday WEATHER: Clear

LOCATION: **CAMINO FARO** Calle Frontera to Avenida Vista Hermosa **ROAD CHARACTERISTICS:** Width (ft): Sidewalks/Driveways: 36 No. of Lanes for Both Directions: 2 On-Street Parking: Horizontal Alignment Design Speed: 30 MPH Crosswalks: yes Vertical Alignment Design Speed: Traffic Controls: Traffic signal at intersection with Calle 30 MPH Frontera and Ave. Vista Hermosa **ROADWAY CONDITIONS:** Lateral Visibility: limited Driveway Density: medium Surface Condition: Ped.& Bicycle Activity: good low AVERAGE DAILY TRAFFIC: 1,600 SEGMENT LENGTH (ft): 1,580 accidents per million **ACCIDENTS 3-YR TOTAL:** 0 ACCIDENT RATE: vehicles miles Avg. Accident Rate in District 12: (1/1/2015 - 12/31/2017) APPROVED SPEED LIMIT: 25 MPH **EXISTING SPEED LIMIT:** 25 MPH 85TH %: 29 MPH 10 MPH PACE: 22 - 31 MPH 50TH %: 24 MPH % IN PACE: 82% 15TH %: 20 MPH % OVER PACE: 2% 16% **AVERAGE SPEED:** MPH 25 % UNDER PACE: COMMENTS AND/OR RECOMMENDATIONS: This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD), with application of CVC Section 21400(b). A speed limit posting of 25 MPH Is found to be appropriate and justified. **OBSERVED BY:** Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek **RECOMMENDATION APPROVED BY:** Nestor Mangohig, PE, TE, PTOE 12/10/2023 PER CVC 40802, SURVEY EXPIRES:

SPEED	VEHICLES S	SURVEYED	TOTAL	% OF	CUML.
(MPH)	EASTBOUND	WESTBOUND	VEH	% OF TOTAL	%
65			0	0%	100%
64			0	0%	100%
63			0	0%	100%
62			0	0%	100%
61			0	0%	100%
60			0	0%	100%
59			0	0%	100%
58			0	0%	100%
57			0	0% 0%	100% 100%
56			0	-	
55			0	0%	100%
54			0	0%	100%
53			0	0%	100%
52			0	0%	100%
51			0	0%	100%
50			0	0%	100% 100%
49 48			0	0% 0%	100%
48 47			0	0%	100%
46			0	0%	100%
45			0	0%	100%
44			0	0%	100%
43			0	0%	100%
42			0	0%	100%
41			0	0%	100%
40			0	0%	100%
39			0	0%	100%
38			0	0%	100%
37			0	0%	100%
36			0	0%	100%
35			0	0%	100%
34		X	1	1%	100%
33		X	1	1% 0%	99% 98%
32 31		xxxxxx	7	7%	98% *
30		X X X X X X	10	10%	91% *
29		XXXX	8	8%	82% *
28		XXXX	8	8%	74% P
27		XXXX	7	7%	66% A
26		xxxx	7	7%	60% C
25		XXXX	8	8%	53% E
24	XXXXX	x x x x x x x x	14	13%	45% *
23		XXX	9	9%	32% *
22		XXXX	7	7%	23% *
21		x x	6	6%	16%
20	XXX		3	3%	11%
19	XXX		3	3%	8%
18	XXX	X	4	4%	5%
17			0	0%	1%
16	X		1	1%	1%
15			0	0%	0%
TO	OTAL NUMBER OF VEHICLES =	104	104	100%	



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/26/18 TIME START: 3:00PM TIME STOP: 4:00PM DAY OF WEEK: Monday WEATHER: Clear

ED	VEHI	CLES SURVEYED	TOTAL		CUML.					
1)	EASTBOUND	WESTBOUND	VEH	% OF TOTAL	%	LOCATION:	Avenida Fresas	(Private street)		
+			0	0%	100%	200/1110111	Calle Saluda to	,		
_			0	0%	100%		Calle Saluda lo	Calle Gaulteria		
_			0	0%	100%	ROAD CHARACTER	DISTICS:			
			0	0%	100%	KOAD CHARACTER	Width (ft):	52 - 70	Sidewalks/Driveways:	yes
			0	0%	100%	No. of Lanes	s for Both Directions:		On-Street Parking:	no
			0	0%	100%		ment Design Speed:		Crosswalks:	no
			0	0%	100%		ment Design Speed:			Traffic signal at Avenida Tal
			0	0%	100%					and Avenida Fresas.
			0	0%	100%					
			0	0%	100%	ROADWAY CONDIT		0 1	D: D :	
_			0	0% 0%	100%		Lateral Visibility:		Driveway Density:	low
-			0	0%	100%		Surface Condition:	:Good	Ped.& Bicycle Activity:	low
-			0	0%	100%					
H	 	 	0	0%	100%	AVERAGE DAILY T	RAFFIC:	2,700	SEGMENT LENGTH (ft):	2.518
	 		0	0%	100%			_,	(N).	,
		x	1	1%	100%					
			0	0%	99%	A COUDENITO O VD T	OTAL	_		o oo accidents per mi
			0	0% 0%	99%	ACCIDENTS 3-YR T		0	ACCIDENT RATE:	0.00
Ų			0	1%		(1/1/2015 - 12/31/20	17)		Avg. Accident Rate in District 12:	1.10 vehicles miles
ľ					_	EVICTING OBEED I	INALT:	OF MDII	APPROVED OBEED LIMIT	OF MPH
			0	0%	98%	EXISTING SPEED L	IIVII I :	35 MPH	APPROVED SPEED LIMIT:	35 MPH
Х		X	2	2% 0%	98%					
-		v	1	1%						
¥		xxx	4	4%	95% *	85TH %:	38	MPH	10 MPH PACE:	31 - 40 MPH
_		XXXXX	6	6%	91% *	05111 /0.	30	INITII	IO METTERCE.	31 - 40 WETT
_	XXX	XX	6	6%	86% *	50TH %:	34	MPH	% IN PACE:	84%
	XXX	xxxxxx	9	9%	80% P					
Х	X	x x x x x x x x x	11	11%	71% A	10111 /01	30	MPH	% OVER PACE:	5%
	XXX	XXXXX	10	10%	61% C					4004
	XXXX	XXXX	10	10%	51% E	AVERAGE SPEED:	35	MPH	% UNDER PACE:	12%
	XXXXXXX	XXXXX	15	14% 6%	41% *					
	X	XX	10	10%	21% *	COMMENTS AND/O	D DECOMMENDAT	IONS:		
	XX	T X	4	4%		COMMENTS AND/O	AL VECOMINIEMDA I	IONO.		
	X		2	2%	8%	This speed zone s	atisfies the condition	ons of Section 6	627 of the California Vehicle Co	ode (CVC) and has
	X		2	2%		·			e California Manual on Uniform	` ,
Х			1	1%					ion 21400(b). A speed limit pos	
Х	X		2	2%	3%				ion 21400(b). A speed limit pos	sting of 35 MPH is
			0	0%	1%	found to be approp	oriate and justified.			
-			0	0% 0%	1% 1%					
-	 		0	0%	1%	OBSERVED BY:	Transportation S	Studios Inc	STUDY PREPARED BY:	Jane Mrotek
	 	 	0	0%	1%	0502	וומווסטטונמנוטוו כ	Judies, IIIC.	O.OD. TREE ARED DT.	Jano Milotok
х			1	1%	1%					
f			0	0%	0%	RECOMMENDATION	N APPROVED BY:	Nestor M	langohig, PE, TE, PTOE	
			0	0%	0%				<u> </u>	
			0	0%	0%					
			0	0%	0%	PER CVC 40802, SU	JRVEY EXPIRES:	11/26/202	23	
			0	0%	0%					



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/28/18 TIME START: 3:00PM TIME STOP: 4:00PM DAY OF WEEK: Wednesday WEATHER: Clear

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(MPH)	L				N	ЭF	RT	HE	30	۱U	ND)							;	sc	υ	Tŀ	HB	30	10	ND)				VEH	TOTAL	%
65																															0	0%	1009
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54	Ш																														0	0%	1009
53	Ш																													Ш	0	0%	1009
52	Ш														4															Ш	0	0%	1009
51	Н														1															Ц	0	0%	1009
50	Н														1															Ц	0	0%	1009
49	Н														1															Ц	0	0% 0%	100
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43	Н														-		X :		X											Н		1%	99
42 41	Н														_		X :	^												Н	3	1%	989
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39		Х	v												_		X .		^	^	^									Н	7 6	2%	95
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37	_		¥	¥	Х										-		X						¥	¥	¥					Н	15	5%	919
36							¥	¥	¥	¥	¥	¥	¥	X	_											¥				Н	26	8%	869
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34							X				¥				-		X														28	8%	719
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		DAYO	of Week: Wednesday	WEATHER: Clea
	CALLE FRONT Avenida Pico to		le Cuadra	
Horizontal Alignme Vertical Alignme	Width (ft) r Both Directions nt Design Speed nt Design Speed	: 2 : 50 MPH	Sidewalks/Driveways On-Street Parking Crosswalks Traffic Controls	yes
ROADWAY CONDITIO	Lateral Visibility Surface Condition		Driveway Density Ped.& Bicycle Activity	
AVERAGE DAILY TRA	NFFIC:	4,800	SEGMENT LENGTH (ft)	:6,266
ACCIDENTS 3-YR TO (1/1/2015 - 12/31/2017		7	ACCIDENT RATE Avg. Accident Rate in District 12	- Vohiolog milog
EXISTING SPEED LIM	IIT:	30 MPH	APPROVED SPEED LIMIT	: <u>30 MPH</u>
85TH %:	35	MPH	10 MPH PACE:	28 - 37 MPH
50TH %:	31	MPH	% IN PACE:	77%
15TH %:	27	MPH	% OVER PACE:	9%
AVERAGE SPEED:	32	MPH	% UNDER PACE:	14%
been prepared and e Devices (CA MUTCI	isfies the conditevaluated in according to the condition of the condition	tions of Section cordance with era is located	on 627 of the California Vehicle the California Manual on Unifo within a residental area and is a chool. A speed limit posting of 3	rm Traffic Control a school route to San
OBSERVED BY:	Transportation	Studies, Inc.	STUDY PREPARED BY	: Jane Mrotek
RECOMMENDATION	APPROVED BY:	Nestor	Mangohig, PE, TE, PTOE	_
PER CVC 40802, SUR	VEY EXPIRES:	11/28/2	2023	



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 2/26/19 TIME START: 9:00 AM TIME STOP: 12:00 PM **DAY OF WEEK:** Tuesday WEATHER: Overcast **CALLE FRONTERA** LOCATION: 600' S. of Calle Cuadra to Calle Vallarta **ROAD CHARACTERISTICS:** Width (ft): 40 Sidewalks/Driveways: No. of Lanes for Both Directions: 2 On-Street Parking: Crosswalks: Horizontal Alignment Design Speed: 25 MPH Vertical Alignment Design Speed: 25 MPH Traffic Controls: stop sign at intersection with Calle Vallarta and Guadalajara **ROADWAY CONDITIONS:** Lateral Visibility: good Driveway Density: medium Surface Condition: Ped.& Bicycle Activity: medium good AVERAGE DAILY TRAFFIC: 3,100 SEGMENT LENGTH (ft): 2,724 accidents per million **ACCIDENTS 3-YR TOTAL:** ACCIDENT RATE: 0.57 Avg. Accident Rate in District 12: vehicles miles (1/1/2015 - 12/31/2017) **EXISTING SPEED LIMIT:** 25 MPH APPROVED SPEED LIMIT: 25 MPH 85TH %: 26 MPH 10 MPH PACE: 19 - 28 MPH 50TH %: 23 MPH % IN PACE: 96% 15TH %: 20 MPH % OVER PACE: 0% **AVERAGE SPEED:** MPH % UNDER PACE: 4% 24 COMMENTS AND/OR RECOMMENDATIONS: This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). A speed limit posting of 25 MPH is found to be appropriate and justified. **OBSERVED BY:** STUDY PREPARED BY: Jane Mrotek Transportation Studies, Inc.

Nestor Mangohig, PE, TE, PTOE

2/26/2024

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																										H	0	0%		_
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RECOMMENDATION APPROVED BY:

PER CVC 40802, SURVEY EXPIRES:



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/26/18 TIME START: 1:00PM TIME STOP: 2:00PM

DAY OF WEEK: Monday WEATHER: Clear

SPEED	VEHICLE	ES SURVEYED	TOTAL		UML.	DAY OF WEEK: Monday WEATHER: Clear
l -	EASTBOUND	WESTBOUND		% OF TOTAL		LOCATION: Camino Viento Fuerte (Private Street)
(MPH)	EASTBOUND	MESTROUND	VEH		%	
65			0		00%	Avenida Talega (West) to Via Agradar
64			0		00%	
63			0		00%	ROAD CHARACTERISTICS: Width (ft): 45 Sidewalks/Driveways: Sidewalks -yes; Driveway - No
62 61			0		00%	
60		+++++++++++++++++++++++++++++++++++++++	0		00%	No. of Lanes for Both Directions: 2 On-Street Parking: no Crosswalks: yes
59			0		00%	Vertical Alignment Design Speed: n/a Traffic Controls: Traffic signal at Cm. Viente and
58			0		00%	Ave. Talega (West)
57			0	0% 1	00%	Ave. Talega (west)
56			0	0% 1	00%	ROADWAY CONDITIONS:
55			0		00%	Lateral Visibility: Limited Driveway Density: None
54			0		00%	Surface Condition: Good Ped.& Bicycle Activity: low
53			0		00%	
52			0		00%	
51		X	1		00%	AVERAGE DAILY TRAFFIC: 3,600 SEGMENT LENGTH (ft): 2,700
50 49		 	0		99% 99%	
49 48		 	0		99%	
47			0		99%	ACCIDENTS 3-YR TOTAL: 0 ACCIDENT RATE: 0.00 accidents per million
46			0	0%	99%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.10 vehicles miles
45	x	XXX	4	3%	99%	
44	x x	хх	4	3%	96%	EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH
43		xxxx	4		93%	
	x x	XXXX	6	5%	90%	
41	ХX	ХX	4		86%	
40	XXXXX	XXXXX	10		83% *	85TH %: 41 MPH 10 MPH PACE: 31 - 40 MPH
	x x x x x x x x x	XXXXX	15		75% *	
	X X X X X X X X X X	XXXXXX	17		64% *	50TH %: 37
	XXXX	XXXXX	9		51% P 44% A	15TH %: 31 MPH % OVER PACE: 17%
	X	XXX	9		37% C	15TH %:31 MPH % OVER PACE:17%
	XXX	xxx	6		34% E	AVERAGE SPEED: 37 MPH % UNDER PACE: 9%
	XX	XXXXXXX	10	8%	30% *	AVERAGE OF EED. 37 WITT WORLDEN FACE.
	XXXX	XXXXX	9	7%	22% *	
31	xxxx	XXXX	8	6%	15% *	COMMENTS AND/OR RECOMMENDATIONS:
30	X	XXXX	5	4%	9%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
	X	X	2	2%	5%	
28		X	1	1%	4%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
27	Ç	x	1	1% 1%	3% 2%	Devices (CA MUTCD). Based on the street's location within residential tracts and limited line of sight
26 25	x	+++++++++++++++++++++++++++++++++++++++	0	0%	2%	due to street curvature, a speed limit posting of 35 MPH is found to be appropriate and justified.
	X	 	1	1%	2%	
23	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		0	0%	1%	
22	X		1	1%	1%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
21			0	0%	0%	
20			0	0%	0%	
19			0	0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18			0	0%	0%	
17		+++++++++++++++++++++++++++++++++++++++	0	0%	0%	
16			0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 11/26/2023
15			0	0%	0%	
TO	OTAL NUMBER OF VEHICLES	S = 132	132	100%		



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/11/18 TIME START: 9:00AM TIME STOP: 12:00PM DAY OF WEEK: Tuesday WEATHER: Clear LOCATION: Camino Viento Fuerte (Private street) Via Agradar to Avenida Talega (East) **ROAD CHARACTERISTICS:** Sidewalks/Driveways: Sidewalks -yes; Driveway - No Width (ft): No. of Lanes for Both Directions: 2 On-Street Parking: Horizontal Alignment Design Speed: n/a Crosswalks: yes Vertical Alignment Design Speed: Traffic Controls: Traffic signal at Cm. Viente and Ave. Talega (East) **ROADWAY CONDITIONS:** Lateral Visibility: Limited Driveway Density: None Surface Condition: Good Ped.& Bicycle Activity: AVERAGE DAILY TRAFFIC: 1,300 SEGMENT LENGTH (ft): 3,200 accidents per million **ACCIDENTS 3-YR TOTAL:** 0 ACCIDENT RATE: vehicles miles Avg. Accident Rate in District 12: (1/1/2015 - 12/31/2017) APPROVED SPEED LIMIT: 35 MPH **EXISTING SPEED LIMIT:** 35 MPH 26 - 35 MPH MPH 10 MPH PACE: 30 MPH % IN PACE: 82% 25 MPH % OVER PACE: 8% 10% **AVERAGE SPEED:** 30 MPH % UNDER PACE: COMMENTS AND/OR RECOMMENDATIONS: This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). A speed limit posting of 35 MPH is found to be appropriate and justified. **OBSERVED BY:** Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE

12/11/2023

SPEED	VEHICLES SURVEYED	TOTAL	% OF	CUML.	
(MPH)	EASTBOUND WESTBOUND	VEH	TOTAL	%	
65		0	0%	100%	
64		0	0%	100%	
63		0	0%	100%	
62		0	0%	100%	
61		0	0%	100%	
60		0	0%	100%	
59		0	0%	100%	
58		0	0%	100%	
57		0	0%	100%	
56		0	0%	100%	
55		0	0%	100%	
54		0	0%	100%	
53		0	0%	100%	
52		0	0%	100%	
51		0	0%	100%	
50		0	0%	100%	
49		0	0% 0%	100% 100%	
48 47		0	0%	100%	
46		0	0%	100%	
45		0	0%	100%	
44		0	0%	100%	
43		0	0%	100%	
42		0	0%	100%	
41		0	0%	100%	
40		0	0%	100%	
39		0	0%	100%	
38	X	1	1%	100%	
37		0	0%	99%	
36	X X X X X X	7	7%	99%	_
35	x x x x x	7	7%	92%	*
34	XXX	7	7% 9%	85% 78%	*
33	XXX XXXXX	9	11%		Р
32 31	X X X X X X X X X X X X X X X X X X X	11 9	9%		A
30	XXXX XXXX	9	9%		C
29	XXXX XXXX	8	8%		Ē
28	XXXX XXX	7	7%		*
27	X X X X X X X X	7	7%	25%	*
26	x x x x x x x x x x x	8	8%	18%	*
25	XXXX	4	4%	10%	
24	XXXX	4	4%	6%	
23		0	0%	2%	
22	X	1	1%	2%	
21	X	1	1%	1%	
20		0	0%	0%	
19		0	0%	0%	
18		0	0%	0%	
17		0	0%	0%	
16		0	0% 0%	0% 0%	
15	TAL NUMBER OF VEHICLES 100	0	100%	370	
TC	TAL NUMBER OF VEHICLES = 100	100	100%	——	
					_

PER CVC 40802, SURVEY EXPIRES:

85TH %:

50TH %:

15TH %:



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/26/18 TIME START: 10:00AM TIME STOP: 11:00AM WEATHER: Clear

SPEED	VEHICL	ES SURVEYED	TOTAL	П	CUML.	DAY OF WEEK: Monday WEATHER: Clear
(MPH)	EASTBOUND	WESTBOUND	VEH	% OF TOTAL	%	LOCATION: Camino Tierra Grande (Private Street)
65	111111111111		0	0%	100%	Avenida Talega to Via Timon
64			0	0%	100%	Avertida Palega to via Filmon
63		 	0	0%	100%	ROAD CHARACTERISTICS:
62			0	0%	100%	Width (ft): 44 - 52 Sidewalks/Driveways: Sidewalks - Yes; Driveway - No
61			0	0%	100%	No. of Lanes for Both Directions: 2 On-Street Parking: no
60			0	0%	100%	Horizontal Alignment Design Speed: n/a Crosswalks: no
59			0	0%	100%	Vertical Alignment Design Speed:n/a Traffic Controls: Stop sign intersection @ Via
58			0	0% 0%	100%	Garona & Tierra Grande
57 56			0	0%	100% 100%	DOADWAY CONDITIONS.
55		+++++++++++++++++++++++++++++++++++++++	0	0%	100%	ROADWAY CONDITIONS: Lateral Visibility: Good Driveway Density: None
54		 	0	0%	100%	Surface Condition: Good Ped.& Bicycle Activity: low
53			0	0%	100%	Cultade Condition.
52			0	0%	100%	
51			0	0%	100%	AVERAGE DAILY TRAFFIC: 2,900 SEGMENT LENGTH (ft): 1,650
50			0	0%	100%	
49			0	0% 0%	100% 100%	
48 47		 	1	1%	100%	ACCIDENTS 3-YR TOTAL: 1 ACCIDENT RATE: 1.01 accidents per million
47 46		 ^ 	0	0%	99%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.10 vehicles miles
45		x x	2	2%	99%	(1772-16 12617) 7vg. Academ Rate in Bistinet 12
44		x	1	1%	97%	EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH
43	X	x	2	2%	96%	ZATIONE OF EED EIMIT. 35 WITH
42	^	 ^ 	0	0%	95%	
41	x	XXXX	5	5%	95% *	
	XXXXX	XXXXXX	11	10%	90% *	85TH %: 39 MPH 10 MPH PACE: 32 - 41 MPH
	XXX	XX	5	5%	80% *	
	XXXXX	XXXXX	11	10%	76% F	50TH %: 35MPH % IN PACE:80%
	XXXX	XXXXXXXXX	14	13%	66% A	
	XXXXXX	XXXX	11	10% 9%	53% C	
	X X X X X X X X X X X X X X X X X X X	XXXX	10 6	5%	34% *	AVERAGE SPEED: 36 MPH % UNDER PACE: 14%
	XXXXX	XXXXX	10	9%	29% *	AVERAGE SPEED. 30 MIFTI WORDER PAGE. 1470
	XXXXX	x	6	5%	20% *	
-	XX	XX	4	4%	14%	COMMENTS AND/OR RECOMMENDATIONS:
30	X		1	1%	11%	
-	X	xx	3	3%	10%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
28	XXX		3	3%	7%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
27	X		1	1% 0%	5% 4%	Devices (CA MUTCD), with application of CVC Section 21400(b). A speed limit posting of 35 MPH Is
26 25			0	1%	4%	found to be appropriate and justified.
25 24	X	 ^ 	1	1%	3%	lound to be appropriate and justined.
23	X	x	2	2%	2%	
22			0	0%	0%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
21			0	0%	0%	3500
20			0	0%	0%	
19			0	0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18			0	0%	0%	
17			0	0%	0%	
16			0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 11/26/2023
15			0	0%	0%	
T	OTAL NUMBER OF VEHICLES	S = 111	111	100%		



CITY OF SAN CLEMENTE

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/11/2018 TIME START: 1:00PM TIME STOP: 4:00PM WEATHER: Clear DAY OF WEEK: Tuesday Camino Tierra Grande (Private street) LOCATION: Via Timon to Camino Viento Fuerte **ROAD CHARACTERISTICS:** Sidewalks/Driveways: Width (ft): No. of Lanes for Both Directions: On-Street Parking: Horizontal Alignment Design Speed: Crosswalks: Vertical Alignment Design Speed: Traffic Controls: 2-Way stops on all side streets. **ROADWAY CONDITIONS:** Lateral Visibility: Driveway Density: Good None Surface Condition: Good Ped.& Bicycle Activity: low **AVERAGE DAILY TRAFFIC:** 1,400 SEGMENT LENGTH (ft): 3,200 accidents per million **ACCIDENTS 3-YR TOTAL: ACCIDENT RATE:** vehicles miles (1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: **EXISTING SPEED LIMIT:** APPROVED SPEED LIMIT: 35 MPH 35 MPH

85TH %:	34	MPH	10 MPH PACE:	27 - 36 MPH
50TH %:	30	MPH	% IN PACE:	80%
15TH %:	26	MPH	% OVER PACE:	5%
AVERAGE SPEED:	31	MPH	% UNDER PACE:	16%

COMMENTS AND/OR RECOMMENDATIONS:

This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). A speed limit posting of 35 MPH is found to be appropriate and justified.

OBSERVED BY:	Transportation S	Studies, Inc.	STUDY PREPARED BY:	Jane Mrotek
RECOMMENDATION	APPROVED BY:	Nestor Mangohig, PE,	TE, PTOE	
PER CVC 40802, SUI	RVEY EXPIRES:	12/11/2023		

00550	VELUE ES SUBVEVE				_
SPEED	VEHICLES SURVEYED	TOTAL	% OF	CUML.	
(MPH)	EASTBOUND WESTBOUND	VEH	TOTAL	%	
65		0	0%	100%	
64		0	0%	100%	
63		0	0%	100%	
62 61		0	0% 0%	100% 100%	
60		0	0%	100%	
59		0	0%	100%	
58		0	0%	100%	
57		0	0%	100%	
56		0	0%	100%	
55		0	0%	100%	
54		0	0%	100%	
53		0	0%	100%	
52		0	0%	100%	
51		0	0%	100%	
50		0	0%	100%	
49 48		0	0% 0%	100% 100%	
46 47		0	0%	100%	
46		0	0%	100%	
45		0	0%	100%	
44		0	0%	100%	
43		0	0%	100%	
42		0	0%	100%	
41		0	0%	100%	
40		0	0%	100%	
39		0	0%	100%	
38	X X	2	2%	100%	
37	X X X	3	3%	98%	
36	X XXXX	5	5%	95%	*
35	XXXXX	9	9%	90%	*
34	XXXX	9	9% 9%	82% 73%	Р
33 32	xxxxx xxx xxx	9	9%		A
32 31	XXXXX XXXXX	10	10%		c
30	XXXXX XXX	8	8%		Ĕ
29	XXXXXX XXXX	10	10%	38%	*
28	XXXXX XX	7	7%	28%	*
27	XXXX	6	6%	21%	*
26	X X X	5	5%	16%	
25	x x x x x x x x x x x x x x x x x x x	5	5%	11%	
24		0	0%	6%	
23	X X	2	2%	6%	
22	X	1	1% 2%	4% 3%	
21	XX	2	0%	1%	
20 19	x	1	1%	1%	
18	^	0	0%	0%	
17		0	0%	0%	
16		0	0%	0%	
15		0	0%	0%	
	OTAL NUMBER OF VEHICLES = 103	103	100%	0,0	
- '	OTAL NOMBER OF VEHICLES = 100	103	.00/0		
					_



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 3/25/19 TIME START: 8:30 A.M. TIME STOP: 11:15 A.M. DAY OF WEEK: Monday WEATHER: Sunny

					Ditt of the late with the late	tilletti Galiny
SPEED	VEHIC	LES SURVEYED	TOTAL % OF	UML.		
(MPH)	EASTBOUND	WESTBOUND	VEH TOTAL	%	LOCATION: CALLE GUADALAJARA	
65			0 0% 1	00%	Calle Nuevo to Ave. Vaquero	
64			0 0% 1	00%		
63				00%	ROAD CHARACTERISTICS:	
62			0 0% 1	00%	Width (ft): 40-50 Sidewalks/Dri	veways: yes
61			0 0% 1	00%	No. of Lanes for Both Directions: 2 On-Street I	3
60			0 0% 1	00%		sswalks: no
59			0 0% 1	00%		controls: stop sign at intersection with Ave
58			0 0% 1	00%	0 0 1	Vaguero and Nuevo
57			0 0% 1	00%		vaquero ana rvaevo
56			0 0% 1	00%	ROADWAY CONDITIONS:	
55			0 0% 1	00%	Lateral Visibility: good Driveway	Density: high
54			0 0% 1	00%	Surface Condition: good Ped.& Bicycle	
53				00%	Surface Condition. good 1 ed. & Dicycle	Activity. Iow
52				00%		
51				00%	AVERAGE DAILY TRAFFIC: 1,750 SEGMENT LENG	TU (ft): 7.051
50				00%	AVERAGE DAILT TRAITIC. 1,700 SEGMENT LENG	111 (it)
49				00%		
48			•	00%		
47				00%	ACCIDENTS 3-YR TOTAL: 0 ACCIDENT	RATE: 0.00 accidents per million
46			0 0% 1	00%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in Dis	vohiolog milog
45				00%	(1/1/2010 12/01/2011) //vg. //ooldone //dio in Die	7.10
44			0 0% 1	00%	EXISTING SPEED LIMIT: 25 MPH APPROVED SPEED	LIMIT: 25 MDU
			. 0,0	00%	LAISTING SPEED LIMIT. 25 WIFTI AFFROVED SPEED	LIMIT. 23 MIFTI
43				00%		
42 41				00%		
40				00%	85TH %: 32 MPH 10 MPH PACE:	25 - 34 MPH
39				00%	031H %: 32 WIFH IU WIFH FACE:	25 - 34 WPH
38		V		00%	50TH %: 28 MPH % IN PACE :	90%
37		^		99%	20 WIFT /6 IN FACE.	90 %
36	хх	v		99%	15TH %: 24 MPH % OVER PACE :	8%
35	XXX	x		96%	13111 /0. 24 WIFTI // OVER FACE.	076
34	XXX	x		92% *	AVERAGE SPEED: 29 MPH % UNDER PACE:	2%
33	XXXXXX	xxxx		88% *	AVERAGE OF ELD. 23 WITT WORDERT AGE.	
	XXXXXXXXX	x		78% *		
31	XXXXXX	XXX		67% P	COMMENTS AND/OR RECOMMENDATIONS:	
30	XX	x		58% A	I	
29	XXXX	xxxxx		55% C		` '
28	XXXXX	X		45% E	been prepared and evaluated in accordance with the California Manual on Ur	iform Traffic Control
	XXX	XXXXXX		39% *	Devices (CA MUTCD). Based on geometric design of the street, fronting resid	
26	XXXX	XXXXXXXX		30% *	and on-street parking demand, a speed limit posting of 25 MPH is found to be	
25	XXXXXX	XXXXXXX		17% *	and on-street parking demand, a speed limit posting of 25 MPH is found to be	appropriate and justilied.
24	х	x	2 2%	2%		
23			0 0%	0%		
22			0 0%	0%	OBSERVED BY: Jane Mrotek STUDY PREPARE	D BY: Jane Mrotek
21			0 0%	0%		
20			0 0%	0%		
19			0 0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE	
18			0 0%	0%		
17			0 0%	0%		
16			0 0%	0%	PER CVC 40802, SURVEY EXPIRES: 3/24/2024	
15		 	0 0%	0%		
	OTAL NUMBER OF VEHICL	ES = 100	100 100%			
	J TOMBER OF TENIOL		100 10070		<u> </u>	



SPEED

(MPH)

65

64

63 62

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51

50

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X X X X

X X X X X

x x x x x x

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X X X X X

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CITY OF SAN CLEMENTE

DATE OF SURVEY: 11/27/18 TIME START: 11:00 AM TIME STOP: 12 PM

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY DAY OF WEEK: Tuesday WEATHER: Clear VEHICLES SURVEYED TOTAL CUML. % OF WEST AVENIDA VISTA HERMOSA **EASTBOUND WESTBOUND** LOCATION: VEH TOTAL % 0 0% 100% Avenida Costa Azul to Avenida Pico (west) 0% 100% 0 100% 0 **ROAD CHARACTERISTICS:** 0 0% 100% Width: 84 - 112 ft Sidewalks/Driveways: YES 0 0% 100% No. of Lanes for Both Directions: On-Street Parking: NO 0% 100% 0 50 mph Crosswalks: YES Horizontal Alignment Design Speed: 0% 100% Vertical Alignment Design Speed: 50 mph Traffic Controls: Traffic Signal Lights at I-5 SB ramp, Park 100% Access Rd, Ave Costa Azul, Commercial 0% 100% Entrance Via Canon Verde & Ave Pico (west) **ROADWAY CONDITIONS:** 0 0% 100% 0 0% 100% Lateral Visibility: good Driveway Density: Medium 0% 100% Surface Condition: Ped.& Bicycle Activity: Medium good 0% 100% 0 0% 100% 0% 100% **AVERAGE DAILY TRAFFIC:** SEGMENT LENGTH (ft): 2,182 10.000 0 0% 99% 99% ΧХ 98% X X X3 accidents per million **ACCIDENTS 3-YR TOTAL:** 0% 97% ACCIDENT RATE: ΧХ 2 1% 96% vehicles miles (5/1/2015 - 5/1/2017) Avg. Accident Rate in District 12: 95% ΧХ x x x x x x**EXISTING SPEED LIMIT:** 40 MPH APPROVED SPEED LIMIT: 40 MPH 5% 91% XXXXXXXXX 10 86% 0 0% 6% 86% **XXXXXXX** 12 5% 80% 85TH %: 40 M.P.H. 10 MPH PACE: 29 - 39 M.P.H. XXXXXXX 11 4% 75% XXXX 8 119 x x x x x x x x x x xxxxxxxxxxxxx 24 71% 50TH %: 35 M.P.H. % IN PACE: 71% 7% 60% XXXXXX 14 x x x x x x x x 8% 53% x x x x x x x x 15TH %: 30 M.P.H. % OVER PACE: 25% **XXXXXXXXX** 17 5% 45% A XXXXXX 11 16 40% C **AVERAGE SPEED:** M.P.H. 4% **XXXXXXXXX** 36 % UNDER PACE: 32% E x x x x x x x x x x x x x ΧХ 15 5% 25% X X X X10 6% 20% x x x x x x x x x x x x 13 COMMENTS AND/OR RECOMMENDATIONS: **XXXXXXX** 14% x x x x x x14 3% 7% 6 This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has 2% 4% 4 been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices 2% 5 2% (CA MUTCD). A speed limit posting of 40 MPH is found to be appropriate and justified. 0% 0% 0 0% 0% 0 0% 0% 0 0 0% 0% **OBSERVED BY:** STUDY PREPARED BY: Jane Mrotek Transportation Studies, Inc. 0 0% 0 0% RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE 0% 0 0% 0% 0 0% 0% 0 0% 11/27/2023 0 0% PER CVC 40802, SURVEY EXPIRES: 0% TOTAL NUMBER OF VEHICLES = 209 209 100%



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/27/18 TIME START: 2:00PM TIME STOP: 3:00PM

DAY OF WEEK: Tuesday WEATHER: Clear

	CALIFORNIA	SPEED EIMIT - ENG	INCERTINO G	HVALL	OGOKVET	DAY OF WEEK	: Tuesday WEATHE	R: Clear
SPEED		SURVEYED	% OF	CUML.				
(MPH)	EASTBOUND	WESTBOUND	VEH TOTAL	%	LOCATION: WEST AVENID	A VISTA HERMOSA		
65			0 0%	100%	I-5 Southbound	Off-ramp to Avenida (Costa Azul	
64			0 0%	100%				
63			0 0%	100%	ROAD CHARACTERISTICS:			
62			0 0%	100%	Width	:84 - 112 ft_	Sidewalks/Driveway	s: YES
61			0 0%	100%	No. of Lanes for Both Directions:	: 4	On-Street Parkin	
60				100%	Horizontal Alignment Design Speed		Crosswalk	
59				100%	Vertical Alignment Design Speed	:50 mph	Traffic Control	S: Traffic Signal Lights at I-5 SB ramp, Park
58			, ,	100%				Access Rd, Ave Costa Azul, Commercial Entrance, Via Canon Verde & Ave Pico (west)
57 56				100% 100%	DO A DWAY CONDITIONS.			Entrance, via Canon Verde & Ave Pico (west)
55				_	ROADWAY CONDITIONS:		Dali Danait	N.A. allinos
				100%	Lateral Visibility		Driveway Densit	
54			0 0%	100%	Surface Condition	:good	Ped.& Bicycle Activit	y: Medium
53 X				100%				
52				100%	AVEDAGE DAILY TRAFFIG	47.000	OF OMENT LENGTH #	N- 4 540
51 50				100% 100%	AVERAGE DAILY TRAFFIC:	17,800	SEGMENT LENGTH (fi): <u>1,518</u>
49				100%				
48			0 0%	100%				
47 X X			2 1%	100%	ACCIDENTS 3-YR TOTAL:	5	ACCIDENT RATI	E: 0.89 accidents per million
46 X X		xxxx	6 3%	99%	(5/1/2015 - 5/1/2017)		. Accident Rate in District 1	
45 X X X		X	4 2%	96%		J		
44 X X X			3 1%	94%	EXISTING SPEED LIMIT:	40 MPH	APPROVED SPEED LIMI	T: 40 MPH
43 X X X		XXXX	7 3%	92%				
42 X X X X		x x x x x x x x	15 7%	89% *				
	XXXXXX	XXXXXXX	19 9%	81% *	OFTIL O	W D !!	40 MPU DA 05	00 40 MBH
40 X X X X		XXXXXXXXX	18 9% 12 6%	72% * 63% P	85TH %: 41	M.P.H.	10 MPH PACE:	29 - 42 M.P.H.
39 X X X X X X X X X X X X X X X X X X X	xxxx	X X X X X X X X X X X X X X X X X X X	12 6% 19 9%	57% A	50TH %: 37	M.P.H.	% IN PACE:	88%
36 X X X X		X X X X X X X X X X	16 8%	48% C	JUIII /0	IVI.F.FI.	/0 IN FACE:	00 /0
		XXXXXXXXXX	21 10%	40% E	15TH %: 33	M.P.H.	% OVER PACE:	11%
	XXXXXXX	XXXXXXXXXXX	24 12%	30% *				,
		XXXXX	13 6%	18% *	AVERAGE SPEED: 38	M.P.H.	% UNDER PACE:	0%
33 X X X X		xxxxx	12 6%	11% *			-	
32 X X X X	X	хх	7 3%	5% *				
31		x	1 0%	2% *	COMMENTS AND/OR RECOMMENDAT	TIONS:		
30 X		X	2 1%	1% *	L			
29			0 0%	0% * 0%	This speed zone satisfies the conditi			
28 27		^	0 0%	0%	been prepared and evaluated in acco	ordance with the Calif	ornia Manual on Uniform	Traffic Control Devices
26			0 0%	0%	(CA MUTCD). A speed limit posting	of 40 MPH is found to	be appropriate and justi	fied.
25			0 0%	0%	, , ,		,, ,	
24			0 0%	0%				
23			0 0%	0%				
22			0 0%	0%	OBSERVED BY: Transportation S	Studies, Inc.	STUDY PREPARED BY	Jane Mrotek
21			0 0%	0%				
20			0 0%	0%		No. C. M I B	- T- DTO-	
19			0 0%	0%	RECOMMENDATION APPROVED BY:	Nestor Mangohig, Pl	E, IE, PIOE	
18			0 0%	0%				
17			0 0%	0%		4.4.1077.100.000		
16			0 0%	0%	PER CVC 40802, SURVEY EXPIRES:	11/27/2023	_	
15			0 0%	0%				
TOTAL NU	JMBER OF VEHICLES =	203	203 100%					



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/28/18 TIME START: 10:30AM TIME STOP: 11:30AM

DAY OF WEEK. Monday WEATHER: Clear

	CALIFORNIA	SPEED LIMIT - ENGIN	NEER	ING & TRA	DAY OF WEEK: Monday WEATHER: Clear
SPEED	VEHICLES S	SURVEYED	TOTAL	% OF	
(MPH)	EASTBOUND	WESTBOUND	VEH	TOTAL %	LOCATION: Avenida Vista Hermosa
65			0	0% 100%	I-5 Southbound Off-ramp to Via Turqueza
64			0	0% 100%	· · · ·
63			0	0% 100%	ROAD CHARACTERISTICS:
62			0	0% 100%	Width (ft): 74 Sidewalks/Driveways: yes
61			0	0% 100%	No. of Lanes for Both Directions: 4 On-Street Parking: no
60			0	0% 100%	Horizontal Alignment Design Speed: 45 MPH Crosswalks: yes
59			0	0% 100%	Vertical Alignment Design Speed: 50 MPH Traffic Controls: Traffic signals on at the intersections
58			0	0% 100%	with Calle Frontera and Camino Faro.
57			0	0% 100%	
56		X	1	0% 100% 0% 100%	ROADWAY CONDITIONS:
55 54		X	0	0% 100%	Lateral Visibility: limited Driveway Density: low
53		xxxxxxxx	9	1% 100%	Surface Condition: good Ped.& Bicycle Activity: medium
52		XXXXXXXX	8	1% 99%	
51		XX	3	0% 98%	AVERAGE DAILY TRAFFIC: 33,000 SEGMENT LENGTH (ft): 3,260
50		XXXXXXXX	9	1% 97%	
49		XXX	13	2% 96%	
48	XXXXX	x x x x x x x x x x x x x x x	34	4% 95%	
47	x x x x x x x x x x x x x x x x x		50	6% 91%	* ACCIDENTS 3-YR TOTAL: 6 ACCIDENT RATE: 0.27 accidents per million
46	x x x x x x x x x x x x x x x x		60	7% 84%	* (1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.48 vehicles miles
45	x x x x x x x x x x x x x x x x		53	6% 77% 6% 71%	*
44	XXXXXXXXXXXXXX		51	6% 71% 7% 65%	P EXISTING SPEED LIMIT: 40 MPH APPROVED SPEED LIMIT: 40 MPH
43 42	XXXXXXXXXXXXXXX		56		A C
42	X X X X X X X X X X X X X X X X X X X		58 54	6% 51%	₹ 1
40	XXXXXXXXXXXXXX		60	7% 45%	* 85TH %: 46 MPH 10 MPH PACE: 38 - 47 MPH
39	XXXXXXXXXXXXXX		60	7% 37%	*
38	XXXXXXXXXXXXXXX		57	7% 30%	* 50TH %: 40 MPH % IN PACE: 67%
37	XXXXXXXXXXXXXX	x x x x x x x x x x x x x x x	47	6% 23%	
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 x x x x x x	42	5% 18%	15TH %: 35MPH % OVER PACE :9%
35	x x x x x x x x x x x x x x x x x		36	4% 13%	
34	x x x x x x x x x x x x x x x x		30	4% 8%	AVERAGE SPEED: 41 MPH % UNDER PACE: 23%
33	x x x x x x x x x x x x x x x x	X	23	3% 5%	
32			0	0% 2% 0% 2%	COMMENTO AND/OD DECOMMENDATIONS
31		V V V V V V V V V V V V V V V V V V V	0	0% 2% 1% 2%	COMMENTS AND/OR RECOMMENDATIONS: This are and some positions the paralliting of Specific COV and have been provided as the conditions of Specific COV.
30 29		X X X X X X X X X X X	11 1	0% 1%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been
28	x		1	0% 0%	prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA
27		 	0	0% 0%	MUTCD). Based on geometric design, direct access to Marblehead Elementary School, proximity to
26		 	0	0% 0%	Shorecliffs Middle School and Vista Hermosa Sports Park, Class 2 bike lanes, adjacent and multimodal
25			0	0% 0%	activity, a speed limit posting of 40 MPH is found to be appropriate and justified.
24			0	0% 0%	
23			0	0% 0%	
22	x		1	0% 0%	OBSERVED BY: <u>Transportation Studies, Inc.</u> STUDY PREPARED BY: <u>Jane Mrotek</u>
21		X	1	0% 0%	
20			0	0% 0%	
19			0	0% 0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18			0	0% 0%	
17			0	0% 0%	
16		X	1	0% 0%	PER CVC 40802, SURVEY EXPIRES:11/28/2023
15			0	0% 0%	
T	OTAL NUMBER OF VEHICLES =	832	832	100%	



15

TOTAL NUMBER OF VEHICLES = 536

CITY OF SAN CLEMENTE

DATE OF SURVEY: 11/28/18 TIME START: 11:30AM TIME STOP: 12:30PM SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY DAY OF WEEK: Wednesday WEATHER: Clear VEHICLES SURVEYED SPEED TOTAL CUML. % OF FASTBOUND WESTBOUND **AVENIDA VISTA HERMOSA** TOTAL LOCATION: (MPH) VFH % 0 100% 65 0% Via Turqueza to Camino Vera Cruz 0 100% 64 63 0 0% 100% **ROAD CHARACTERISTICS:** 0 100% Width (ft): Sidewalks/Driveways: 62 74 0% 100% No. of Lanes for Both Directions: On-Street Parking: no 61 0 4 0% 60 0 100% Horizontal Alignment Design Speed: 45 MPH Crosswalks: 59 100% Vertical Alignment Design Speed: Traffic Controls: Traffic signals at Via Turqueza and 50 MPH 0% 100% 58 0 at Vera Cruz 0% 100% 57 ΧХ 2 56 0 99% **ROADWAY CONDITIONS:** 99% X X X3 Lateral Visibility: Driveway Density: 55 limited low 54 0% 99% Surface Condition: Ped.& Bicycle Activity: medium 0 good 0% 99% 53 ΧХ 99% 52 X X X X XΧХ 7 97% 51 ΧХ X X X X6 **AVERAGE DAILY TRAFFIC:** 21,300 SEGMENT LENGTH (ft): 1,850 ххх 6 96% 50 X X X3% 95% 18 49 x x x x x x x x x x x x x x x x x x **XXXXXXXX** 48 10 accidents per million 5% 90% **ACCIDENTS 3-YR TOTAL:** ACCIDENT RATE: xxxxxxxxxxxxxxxx 26 47 vehicles miles 85% 46 **XXXXXXX** ххх (1/1/2015 - 12/31/2017)Avg. Accident Rate in District 12: xxxxxxxxxxxxxx xxxxxxxxxxxxxx 48 45 xxxxxxxxxxx x x x x x x x x x x x 4% 74% **EXISTING SPEED LIMIT:** 40 MPH APPROVED SPEED LIMIT: 40 MPH XXXXXXXXXXXXXXX 70% 43 xxxxxxxxxxxxx 42 XXXXXXXX x x x x x x x x x x x x x x 63% 41 xxxxxxxxxxxx x x x x x x x x x x x x x x x 39 57% 11% 50% 85TH %: 46 MPH xxxxxxxxxxxxxxxxxxxxxxxxx 10 MPH PACE: 36 - 45 MPH 40 58 39% 39 37 38 XXXXXXXXXXX XXXXXXXX 19 32% 50TH %: 40 MPH % IN PACE: 65% 4% 28% 37 22 6% 24% MPH % OVER PACE: 36 x x x x x x x x x x x x x x x 31 15TH %: 34 17% x x x x x x x x x x x x x x x 8% 35 XXXXXXXXXXXXX 43 18% x x x x x x x x x x x x x x x 3% 10% **AVERAGE SPEED:** MPH 18% 34 41 % UNDER PACE: 33 **XXXXXXX** 6% 4% 32 X X X Xxxxxxxxxxxxxxx 19 2% 31 COMMENTS AND/OR RECOMMENDATIONS: This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has 30 X X X X4 29 0 0% 1% been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices 28 **0%** 1% 0 (CA MUTCD). Based on geometric design, direct access to Marblehead Elementary School and 27 ΧХ 2 **0%** 1% Marblehead Park, Class 2 bike lanes, adjacent path, and multimodal activity, a speed limit posting of 40 26 0% 1% 1 MPH is found to be appropriate and justified. 0% 1% 25 1 0% 0% 24 1 23 0 0% 0% OBSERVED BY: STUDY PREPARED BY: Jane Mrotek Transportation Studies, Inc. 22 0 0% 21 20 RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE 0% 19 0 0% 0% 18 0 0% 0% 17 0 16 0% 11/28/2023 0 PER CVC 40802, SURVEY EXPIRES:

0

536

100%

0%



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/28/18 TIME START: 12:30PM TIME STOP: 1:30PM

DAY OF WEEK: Wednesday WEATHER: Clear

SPEED	VEHICLES	SURVEYED	TOTAL				DAT OF WEEK. Wednesday WEATHER. Oldar
(MPH)	EASTBOUND	WESTBOUND	VEH	% OF TOTAL	CUML. %		LOCATION: AVENIDA VISTA HERMOSA
65			0	0%	100%	1	Camino Vera Cruz to Avenida La Pata
64			0	0%	100%]	Canimo vola Graz to Avonad za Fata
63			0	0%	100%]	ROAD CHARACTERISTICS:
62			0	0%	100%]	Width (ft): 74 Sidewalks/Driveways: yes (sidewalk only)
61			0	0%	100%]	No. of Lanes for Both Directions: 4 On-Street Parking: no
60			0	0%	100%	,	Horizontal Alignment Design Speed: 45 MPH Crosswalks: yes
59			0	0%	100%	,	Vertical Alignment Design Speed: 50 MPH Traffic Controls: Traffic signals at Vera Cruz, Spo
58	хх		2	0%	100%	,	Park/Target and at La Pata
57			0	0%	100%	,	i anviaget and at Lai ata
56	хх		2	0%	100%	,	ROADWAY CONDITIONS:
55			0	0%	99%	<u>, </u>	Lateral Visibility: good Driveway Density: none
54	xxx		3	0%	99%	1	Surface Condition: good Ped.& Bicycle Activity: medium
	^ ^ ^			0%	99%		Surface Condition. good Ped. & Bicycle Activity. Intediam
53	X	V V V V V V	1	2%	99%	4	
52 51	X X X X X X X X X X X X X X X X X X X	XXXXX	14	1%	99%	<u> </u>	AVERAGE DAILY TRAFFIC: 24,600 SEGMENT LENGTH (ft): 5,000
51 50	X X X X X X X X X X X X X X X X X X X	/yyyyyyyyyyyy	36	5%	96%]	AVERAGE DAILT TRAFFIC: 24,000 SEGMENT LENGTH (II): 5,000
49		(XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	36	5%	91%]	
49	X X X X X X X X X X X X X X X X X X X		29	4%	86%		
47	XXXXXXXXXXXXXXXX		27	3%	82%		ACCIDENTS 3-YR TOTAL: 10 ACCIDENT RATE: 0.39 accidents per million
46	XXXXXXXXXXXXXXX		31	4%	79%		(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.48 vehicles miles
45	XXXXXXXXXXXXXXX		39	5%	75%		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
44		(XXXXXXXXXXXXXXXX	53	7%	70%	P	EXISTING SPEED LIMIT: 45 MPH APPROVED SPEED LIMIT: 45 MPH
43	xxxxxxxxxxxxx		40	5%	63%	A	
42		XXXXXXXXXXXXXXX	44	6%	58%	c	
41		XXXXXXXXXXXXXXX		6%	52%		
40		XXXXXXXXXXXXXXX	56	7%	47%		85TH %: 47 MPH 10 MPH PACE : 38 - 47 MPH
39		XXXXXXXXXXXXXXX	50	6%	39%	*	50 II III I
38	XXXXXX	xxxxxxxxxxxxxx		5%	33%	*	50TH %: 40 MPH % IN PACE : 54%
37	XXXXXXXXXXXXXXX	(XXXXX	21	3%	28%	,	
36	XXXXXXXXXXXXXXX		27	3%	25%	,	15TH %: 32 MPH % OVER PACE : 18%
35	XXXXX	XXXXXXXXXXXXXXX	31	4%	22%	,	
34	x x x x x x x x x x x x	xxx	15	2%	18%	,	AVERAGE SPEED: 41 MPH % UNDER PACE: 28%
33	X	XXXXXXXXXXXXXXX	17	2%	16%	,	
32	XXXXX	XXXXXX	13	2%	14%	,	
31	X	x x x x x x x x x x x x	13	2%	12%		COMMENTS AND/OR RECOMMENDATIONS:
30	x x x x x x x	xxxxxxxxxxxxx	24	3%	11%		
29	x x x x x x x	XXX	10	1%	7%		This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
28	XXX	xxxxxxxxxxxx	16	2%	6%		been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
27	ХX	XXX	5	1%	4%		Devices (CA MUTCD). A speed limit posting of 45 MPH is found to be appropriate and justified.
26		XXXX	4	1%	3%		Devices (OA MOTOD). A speed little posting of 45 MFT is found to be appropriate and justified.
25	XXXX	x	5	1%	3%		
24	ХX	XXXXXX	9	1%	2%		
23	ХX	XXX	5	1%	1%		ODDEDVED DV
22		X	1	0%	1%		OBSERVED BY: <u>Transportation Studies, Inc.</u> STUDY PREPARED BY: <u>Jane Mrotek</u>
21			0	0%	0%		
20	ХX		2	0%	0%		DECOMMENDATION APPROVED BY, Nector Managehia DE TE DECE
19	X		1	0%	0%		RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18			0	0%	0%		
17			0	0%	0%		1
16			0	0%	0%		PER CVC 40802, SURVEY EXPIRES: 11/28/2023
15			0	0%	0%	2	
Т	OTAL NUMBER OF VEHICLES =	: 777	777	100%		1	
						1 '	



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 2/20/19 TIME START: 10:15 AM TIME STOP: 10:30 AM

DAY OF WEEK: Wednesday WEATHER: Cloudy

	VEHICLES SURVEYED																											
SPEED										VEHICL	ES SI	JR	٧	ΕY	ΈΙ	D									TOTAL	% OF		il
(MPH)					N	OR	RTI	HE	30	UND					S	οι	JΤ	HE	30	UI	ND)			VEH	TOTAL	CUML. %	il
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64																									0	0%	100%	i I
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62																									0	0%	100%	i I
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60	Х																								1	0%	99%	i I
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58																									0	0%	98%	i I
57																									0	0%	98%	i I
56											Х														1	0%	98%	i I
55											Х	Х	Х												3	1%	98%	i I
54											Х	X	X												3	1%	97%	i I
53	Х										Х	X													3	1%	95%	i I
52											Х	Х	Х												3	1%	94%	i I
51		Х	Х											X											7	3%	93%	i I
50	Х													X					Х	Х					11	5%	90%	i I
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45	_				X					^				X											17	7%	56%	Р
-							^	^	^									^										- I
44					X									X											11	5%	49%	A
43					Х									X											19	8%	44%	잍
42					X	Х	Х	Х	Х					X						Х	Х	Х	Х	Х	23	10%	36%	E
41		X			v									X		X	X	Х							11	5% 4%	26% 21%	*
40					X									X				v							10	7%	17%	*
39 38					X		X							X											16 12	5%	10%	i I
36 37		X		^	^									X		^	^								6	3%	5%	i I
36	x											X		^											3	1%	3%	i I
35	x										x														2	1%	1%	i I
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21 20	Н										+														0	0%	0%	1
19	Н																								0	0%	0%	1 1
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																												<u> </u>

		DATE	of week: wednesday wearn	IER: Cloudy
LOCATION:	AVENIDA VIST Avenida La Pata			
DOAD CHADACTED	CTICC.			
ROAD CHARACTERI	Width (ft):	104	Sidewalks/Drivew	/ays: yes
No of Lanes fo	or Both Directions:	4	On-Street Park	
	ent Design Speed:	50 MPH	Crosswa	g.
	ent Design Speed:	50 MPH		rols: Traffic signals at Ave La Pata, Ave
ū				Talega, Camino La Pedriza and Ave
				Pico; Stop sign at via Marfino.
ROADWAY CONDITION				
	Lateral Visibility:	good	Driveway Den	-
	Surface Condition:	good	Ped.& Bicycle Act	ivity: medium
AVEDACE DAILY TD	A EEIC.	04.500	CECMENT I ENGLI	(ft). F 400
AVERAGE DAILY TR	AFFIC:	24,500	SEGMENT LENGTH	(ft): <u>5,160</u>
				accidents per million
ACCIDENTS 3-YR TO	TAL:	10	ACCIDENT RA	ATE: 0.38 accidents per million vehicles miles
(1/1/2015 - 12/31/2017	7)		Avg. Accident Rate in Distric	t 12: 1.48 Verlicies miles
EXISTING SPEED LIN	MIT:	45 MPH	APPROVED SPEED LII	MIT: 45 MPH
85TH %:	49	MPH	10 MPH PACE	39 - 48 MPH
85TH %:	49	MPH	10 MPH PACE:	
85TH %: 50TH %:	49 44	MPH MPH	10 MPH PACE: % IN PACE:	39 - 48 MPH 70%
50TH %:	44	MPH	% IN PACE:	70%
50TH %: 15TH %:	44 38	MPH MPH	% IN PACE: % OVER PACE:	70%
50TH %:	44	MPH	% IN PACE:	70%
50TH %: 15TH %:	44 38	MPH MPH	% IN PACE: % OVER PACE:	70%
50TH %: 15TH %:	44 38 45	MPH MPH MPH	% IN PACE: % OVER PACE:	70%
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OR	44 38 45 R RECOMMENDAT	MPH MPH MPH TIONS:	% IN PACE: % OVER PACE: % UNDER PACE:	70% 20% 10%
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OR	44 38 45 R RECOMMENDAT	MPH MPH MPH TIONS:	% IN PACE: % OVER PACE:	70% 20% 10%
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone sa	44 38 45 R RECOMMENDAT tisfies the conditi	MPH MPH TIONS:	% IN PACE: % OVER PACE: % UNDER PACE:	70% 20% 10% Code (CVC) and has
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone sa been prepared and	44 38 45 RECOMMENDAT tisfies the conditievaluated in accordance.	MPH MPH TIONS: ons of Sectiondance with	% IN PACE: % OVER PACE: % UNDER PACE: ion 627 of the California Vehicle h the California Manual on Unifo	70% 20% 10% Code (CVC) and has rm Traffic Control
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OR This speed zone sa been prepared and Devices (CA MUTC)	44 38 45 R RECOMMENDAT tisfies the conditi evaluated in according to the condition of the	MPH MPH TIONS: ons of Section of CVC Sec	% IN PACE: % OVER PACE: % UNDER PACE: ion 627 of the California Vehicle	70% 20% 10% Code (CVC) and has rm Traffic Control
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone sa been prepared and	44 38 45 R RECOMMENDAT tisfies the conditi evaluated in according to the condition of the	MPH MPH TIONS: ons of Section of CVC Sec	% IN PACE: % OVER PACE: % UNDER PACE: ion 627 of the California Vehicle h the California Manual on Unifo	70% 20% 10% Code (CVC) and has rm Traffic Control
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OR This speed zone sa been prepared and Devices (CA MUTC)	44 38 45 R RECOMMENDAT tisfies the conditi evaluated in according to the condition of the	MPH MPH TIONS: ons of Section of CVC Sec	% IN PACE: % OVER PACE: % UNDER PACE: ion 627 of the California Vehicle h the California Manual on Unifo	70% 20% 10% Code (CVC) and has rm Traffic Control
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OR This speed zone sa been prepared and Devices (CA MUTC)	44 38 45 R RECOMMENDAT tisfies the conditi evaluated in according to the condition of the	MPH MPH TIONS: ons of Section of CVC Sec	% IN PACE: % OVER PACE: % UNDER PACE: ion 627 of the California Vehicle h the California Manual on Unifo	70% 20% 10% Code (CVC) and has rm Traffic Control posting of 45 MPH Is
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone sa been prepared and Devices (CA MUTC found to be appropri	44 38 45 R RECOMMENDAT tisfies the conditi evaluated in accordict evaluated in accordict D), with applicati inate and justified.	MPH MPH TIONS: ons of Section of CVC Sec	% IN PACE: % OVER PACE: % UNDER PACE: ion 627 of the California Vehicle h the California Manual on Unifo Section 21400(b). A speed limit p	70% 20% 10% Code (CVC) and has rm Traffic Control posting of 45 MPH Is
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone sa been prepared and Devices (CA MUTC found to be appropriately by: OBSERVED BY:	44 38 45 R RECOMMENDAT tisfies the conditi evaluated in acci ciD), with applicati riate and justified. Transportation S	MPH MPH TIONS: ons of Section of CVC Sec	% IN PACE: % OVER PACE: % UNDER PACE: ion 627 of the California Vehicle h the California Manual on Unifo Section 21400(b). A speed limit p	70% 20% 10% Code (CVC) and has rm Traffic Control posting of 45 MPH Is
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone sa been prepared and Devices (CA MUTC found to be appropri	44 38 45 R RECOMMENDAT tisfies the conditi evaluated in acci ciD), with applicati riate and justified. Transportation S	MPH MPH TIONS: ons of Section of CVC Sec	% IN PACE: % OVER PACE: % UNDER PACE: ion 627 of the California Vehicle h the California Manual on Unifo Section 21400(b). A speed limit p	70% 20% 10% Code (CVC) and has rm Traffic Control posting of 45 MPH Is
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone sa been prepared and Devices (CA MUTC found to be appropriately by: OBSERVED BY:	44 38 45 R RECOMMENDAT tisfies the conditi evaluated in acci ciD), with applicati riate and justified. Transportation S	MPH MPH TIONS: ons of Section of CVC Sec	% IN PACE: % OVER PACE: % UNDER PACE: ion 627 of the California Vehicle h the California Manual on Unifo Section 21400(b). A speed limit p	70% 20% 10% Code (CVC) and has rm Traffic Control posting of 45 MPH Is
50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone sa been prepared and Devices (CA MUTC found to be appropriately by: OBSERVED BY:	44 38 45 R RECOMMENDAT tisfies the conditi evaluated in acci D), with applicati iate and justified. Transportation S APPROVED BY:	MPH MPH TIONS: ons of Section of CVC Sec	% IN PACE: % OVER PACE: % UNDER PACE: ion 627 of the California Vehicle h the California Manual on Unifo Section 21400(b). A speed limit p	70% 20% 10% Code (CVC) and has rm Traffic Control posting of 45 MPH Is



VEHICLES SURVEYED

SPEED

CITY OF SAN CLEMENTE

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/26/18 TIME START: 2:00PM TIME STOP: 3:00PM DAY OF WEEK: Monday WEATHER: Sunny TOTAL CUML. **AVENIDA LA PATA** LOCATION: Camino Del Rio to County of Orange Limit Line **ROAD CHARACTERISTICS:** Width (ft): 70 - 80 Sidewalks/Driveways: No. of Lanes for Both Directions: On-Street Parking: 4 no Horizontal Alignment Design Speed: 70 MPH Crosswalks: no 70 MPH Traffic Controls: Traffic signal at La Pata and Del Rio. Vertical Alignment Design Speed: **ROADWAY CONDITIONS:** Lateral Visibility: Good Driveway Density: low Surface Condition: Good Ped.& Bicycle Activity: low **AVERAGE DAILY TRAFFIC:** 16,300 SEGMENT LENGTH (ft): 4,440 accidents per million **ACCIDENTS 3-YR TOTAL:** 0 ACCIDENT RATE: 0.00 vehicles miles (1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: **EXISTING SPEED LIMIT:** 55 MPH APPROVED SPEED LIMIT: 55 MPH 85TH %: 53 MPH 10 MPH PACE: 35 - 54 MPH 50TH %: 48 MPH % IN PACE: 87% 15TH %: 42 % OVER PACE: MPH 11% **AVERAGE SPEED:** 48 MPH 1% % UNDER PACE: **COMMENTS AND/OR RECOMMENDATIONS:** This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). A speed limit posting of 55 MPH is found to be appropriate and justified. **OBSERVED BY:** Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE

11/26/2023

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ı	х													т									1	0%	100%
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)							X	Х	X										X)	(X			16	8%	61%
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7							Х			4	4			_					X)				14	7%	42%
3						Х	Х	Х	Х	X	X			_					X)				17	8%	35%
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ŀ	X	Х													()								6	3%	21%
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PER CVC 40802, SURVEY EXPIRES:



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/30/18 TIME START: 10:15AM TIME STOP: 10:45AM DAY OF WEEK: Friday WEATHER: Cloudy

SPEED	VEHICI EQ	SURVEYED	TOTAL	Т	CUML.	
	NORTHBOUND	SOUTHBOUND	1	% OF		LOCATION: AVENIDA LA PATA
(MPH)		SOUTHROUND	VEH	TOTAL	%	
65	X		1	0%	100%	Camino Del Rio to Calle Saluda
64			0	0%	100%	
63			0	0%	100%	ROAD CHARACTERISTICS:
62		X	1	0%	100%	Width (ft): 80 Sidewalks/Driveways: yes
61			0	0%	99%	No. of Lanes for Both Directions: 4 On-Street Parking: no
60	XXX	x	4	1%	99%	Horizontal Alignment Design Speed: 60 MPH Crosswalks: yes
59		ХX	2	1%	98%	Vertical Alignment Design Speed: 60 MPH Traffic Controls: Signalized intersections at Avenida La
58			0	0%	97%	Pata/Calle Saluda and Avenida La
57	XX		2	1%	97%	Pata/Camino Del Rio.
56	XXX		3	1%	97%	ROADWAY CONDITIONS:
55	xxxxxxx		8	3%	96%	Lateral Visibility: Good Driveway Density: low
54	x	x	2	1%	93%	Surface Condition: Good Ped.& Bicycle Activity: low
53	ХX	ХX	4	1%	92%	
52	XXXXXXXX	XX	11	4%	91%	AVERAGE DATA V TO A
51	X X X X X X X X X X X X X X X X X X X		19	6% 6%	87% *	AVERAGE DAILY TRAFFIC: 24,400 SEGMENT LENGTH (ft): 1,220
50 49	X X X X X X X X X X X X X X X X X X X	X	17 50	17%	81% * 75% *	
49 48	X X X X X X X X X X X X X X X X X X X	XXXXXX	19	6%	75% 59% P	
47	XXXXXXXXXXXXX	XXXXXXX	22	7%	52% A	ACCIDENTS 3-YR TOTAL: 2 ACCIDENT RATE: 0.32 accidents per million
46	XXXXXXXXXXXXXX		42	14%	45% C	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.48 vehicles miles
45	xxxxxxxxxxxxx		24	8%	31% E	
44	****	XXXXX	23	8%	23% *	EXISTING SPEED LIMIT: 45 MPH APPROVED SPEED LIMIT: 45 MPH
43	XXXXX	XXX	8	3%	16% *	
42	XXXX	XXXXXXXXXXX	16	5%	13% *	
41	XX	XXXX	6	2%	8%	
40	XXXX	XXXXX	9	3%	6%	85TH %: 50 MPH 10 MPH PACE : 42 - 51 MPH
39	X	XX	3	1% 1%	3% 2%	FOTH 9/. 46 MDL 9/ IN DACE. 909/
38 37		X X	2	1%	2% 1%	50TH %:46 MPH % IN PACE:80%
36	<u> ^ </u>	X	1	0%	0%	15TH %: 43 MPH % OVER PACE: 13%
35		<u> ^ </u>	0	0%	0%	1011 76. 1011 11 // OVER 1 70E. 15/6
34	 		0	0%	0%	AVERAGE SPEED: 47 MPH % UNDER PACE: 8%
33			0	0%	0%	
32			0	0%	0%	
31			0	0%	0%	COMMENTS AND/OR RECOMMENDATIONS:
30			0	0%	0%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been
29			0	0%	0%	prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA
28			0	0%	0%	MUTCD). Based on multimodal activity associated with the street's Class 2 bike lanes, 8-ft multi-use path,
27			0	0%	0% 0%	and adjacent City and County hiking trails, a speed limit posting of 45 MPH is found to be appropriate and
26			0	0% 0%	0%	justified.
25 24			0	0%	0%	Justineu.
23			0	0%	0%	
23			0	0%	0%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
21			0	0%	0%	
20	 	 	0	0%	0%	
19	 	 	0	0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18			0	0%	0%	10000 Mangoring, F.E., F.E., F.F.
17		 	0	0%	0%	
16	 	 	0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 11/30/2023
			0	0%	0%	FER OVO 40002, SURVET EAFIRES. 11/30/2023
15 T	OTAL NUMBER OF VEHICLES =	301	301	100%	5 /0	
├	OTAL NUMBER OF VEHICLES	. 501	301	100/0		L



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/30/18 TIME START: 10:45AM TIME STOP: 10:45AM DAY OF WEEK: Friday WEATHER: Hazv

PEED	VEHICL	LES SURVEYED	TOTAL	% OF	CUML.		
(MPH)	NORTHBOUND	SOUTHBOUND	VEH	% OF TOTAL	%	LOCATION: AVENIDA LA PATA	
65			0	0%	100%	Calle Saluda to Avenida Vista Hermosa	
64		x	1	0%	100%	Cane Ganda to Avonida Vista Fictinosa	
63		11^111111111111111111111111111111111111	0	0%	100%	ROAD CHARACTERISTICS:	
62		- 	0	0%	100%	Width (ft): 84 Sidewalks/Driveways: yes	
61	X		1	0%	100%	No. of Lanes for Both Directions: 4 On-Street Parking: no	
60	^		0	0%	99%	Horizontal Alignment Design Speed: 70 MPH Crosswalks: yes	
59	X		1	0%	99%	Vertical Alignment Design Speed: 70 MPH Closswarks. yes Vertical Alignment Design Speed: 70 MPH Traffic Controls: Signalized	Lintercection of Aven
58	^	x x	2	1%	99%		
56 57	X	- ^	2	1%	98%	Vista Herr	nosa and at Calle Sal
5 <i>6</i>	X	^	1	0%	97%	ROADWAY CONDITIONS:	
	X						
55		xx	3	1%	96%	Lateral Visibility: good Driveway Density: low	
54	X	XXX	4	2%	95%	Surface Condition: good Ped.& Bicycle Activity: low	
53	x x x x x x x	XXX	10	5%	93%		
52	X	X	2	1%	88%		
51	XXXX	xxx	7	3%	87%	AVERAGE DAILY TRAFFIC: 32,500 SEGMENT LENGTH (ft): 2,040	_
50	XXXX	x	5	2%	84%		-
19	X	XXXXXXXX	17	8%	82% *		
18	X X X X X X X X X X X	XXXX	16	8%	74% ^		accidents per million
17	x x x x x x x x x	x x x x x x x x x x x x	21	10%	66% *	ACCIDENTS 3-YR TOTAL: 3 ACCIDENT RATE: 0.22	vehicles miles
16	XXXXX	x x x x x x x x x x x x	18	8%	56% P	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.48	venicies miles
1 5	x x x x x x x x x x	x x x x x x x x	18	8%	48% A		
14	x x x x x x x x x x x	x x x x x x x x	19	9%	39% C	EXISTING SPEED LIMIT: 45 MPH APPROVED SPEED LIMIT: 45 MPH	_
13	XXXX	x x x x x x x x x	13	6%	30% E		
12	x x x x x x x	XXX	10	5%	24% *		
41	XXXXX	x x x x x x x	12	6%	19% *		
40	XXX	XXXX	7	3%	14% *	85TH %: 50 MPH 10 MPH PACE: 40 - 49	MPH
39	XXXXX	ХX	7	3%	10%		
38	XXXXX	XXX	9	4%	7%	50TH %: 45 MPH % IN PACE: 71%	
37	x	x	2	1%	3%		
36		x	1	0%	2%	15TH %: 40 MPH % OVER PACE : 18%	
35			0	0%	1%		
34			0	0%	1%	AVERAGE SPEED: 46 MPH % UNDER PACE: 10%	
33			0	0%	1%		
32		x	1	0%	1%		
1			0	0%	1%	COMMENTS AND/OR RECOMMENDATIONS:	
0			0	0%	1%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and	has been
9	X		1	0%	1%	prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devi	
8			0	0%	0%		,
7	x		1	0%	0%	MUTCD). Based on the street's access to residential establishments and multimodal activity asso	
6			0	0%	0%	Class 2 bike lanes and nearby hiking trails, a speed limit posting of 45 MPH is found to be appropriate the control of the con	oriate and
5			0	0%	0%	justified.	
4			0	0%	0%		
3		 	0	0%	0%		
2			0	0%	0%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrd	otek
1			0	0%	0%		
20		 	0	0%	0%		
9			0	0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE	
8			0	0%	0%		
7			0	0%	0%		
6			0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 11/30/2023	
				0% 0%	0%	PER CVC 40802, SURVEY EXPIRES: 11/30/2023	
15_		210	0		0 /0		
T	OTAL NUMBER OF VEHICLE	:S = Z1Z	212	100%			



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 2/20/19 TIME START: 9:50 AM TIME STOP: 10:15 AM

DAY OF WEEK: Wednesday WEATHER: Cloudy

	UFORM							DATE	OF WEEK: Wednesday	WEATHER: Cloudy
SPEED		S SURVEYED	TOTAL	% OF	CUML.					· ·
(MPH)	NORTHBOUND	SOUTHBOUND	VEH	TOTAL	%	LOCATION:	AVENIDA LA P	ATA		
65			0	0%	100%		Avenida Vista F	lermosa to Av	venida Pico	
64			0	0%	100%					
63			0	0%	100%	ROAD CHARACTERI	STICS:			
62			0	0%	100%	110712 0117110101211	Width (ft)	: 84	Sidewalks/Driveways:	yes
61			0	0%	100%	No. of Lanes	for Both Directions		On-Street Parking:	no
60			0	0%	100%		nent Design Speed		Crosswalks:	yes
59			0	0%	100%		nent Design Speed			Signalized intersection at Avenida
58		x	1	1%	100%					Vista Hermosa and at Calle Saluda
57		X	1	1%	100%					viola i loinioda ana at Gano Ganado
56	x	x x	3	2%	99%	ROADWAY CONDITI	ONS:			
55			0	0%	98%		Lateral Visibility	: good	Driveway Density:	low
54		x	1	1%	98%		Surface Condition	n: good	Ped.& Bicycle Activity:	low
53		lx .	1	1%	97%		Curiato Corranto	<u>good</u>	. cala zioyele / lelling.	
52		хх	2	1%	97%					
	xxx	XXXX	7	4%	96%	AVERAGE DAILY TR	AFFIC:	24,800	SEGMENT LENGTH (ft):	3.108
	XXX	XXXXXX	9	5%	92%		· · · · · ·	2.,500	(11)	
	XXXXXX	XXXXXXXX	15	8%	88% *					
	XXXXX	XXXXXXXX	14	7%	* 808					aggidente per million
47	XXXXX	XXXXXX	12	6%	73% *	ACCIDENTS 3-YR TO	TAL:	3	ACCIDENT RATE:	0.19 accidents per million
46	x x x x x x x	x x x x x x x x x x x x x x x x	22	11%	67% P	(1/1/2015 - 12/31/201	7)		Avg. Accident Rate in District 12:	1.48 vehicles miles
45	XXXXX	x x x x x x x x	13	7%	56% A					45.55
	X X X X X X	XXXX	10	5%	50% C	EXISTING SPEED LII	MIT:	45 MPH	APPROVED SPEED LIMIT:	45 MPH
	X X X X X X X X X	x x x x x x x	16	8%	45% E					
	XXXX	x x x x x x x x x x x x	16	8%	37% *					
	XX	XXXX	6	3%	29% *					
-	x x x x x x x x	XXXX	12	6%	26% *	85TH %:	48	MPH	10 MPH PACE:	40 - 49 MPH
	XXXX	XXXXX	10	5%	20%					
	XXXX	XXX	7	4%	15%	50TH %:	44	MPH	% IN PACE:	68%
	XXXXX	XXX	9	5% 3%	11%	45711.07	00	MBH	0/ OVED DAGE	400/
	XX	XXX	5		7%	15TH %:	38	MPH	% OVER PACE:	13%
	X	ХX	3	2% 0%	4% 3%	AVERAGE OPERS	4.4	MDII	O/ LINDED DAGE:	20%
34	,		0	1%	3%	AVERAGE SPEED:	44	MPH	% UNDER PACE:	20 /6
	X		1	1%	2%					
	X			1%	2%	COMMENTS AND/OF	DECOMMENDA	TIONS.		
31	^	 	0	0%	1%	COMMENTS AND/OF	NECOMINIENDA	IIONS:		
	X	 	1	1%	1%	This speed zero so	tiofice the condit	ions of Soctio	n 627 of the California Vehicle Co	ada (C)(C) and has
28	X		1	1%	1%				n 627 of the California Vehicle Co	
27			0	0%	0%				the California Manual on Uniform	
26			0	0%	0%	Devices (CA MUTC	D), with applicat	ion of CVC Se	ection 21400(b). A speed limit po	sting of 45 MPH Is
25			0	0%	0%	found to be appropr	iate and justified			
24			0	0%	0%		·			
23			0	0%	0%					
22		 	0	0%	0%	OBSERVED BY:	Transportation	Studies. Inc.	STUDY PREPARED BY:	Jane Mrotek
21			0	0%	0%					
20			0	0%	0%					
19			0	0%	0%	RECOMMENDATION	APPROVED BY:	Nestor	r Mangohig, PE, TE, PTOE	
18			0	0%	0%					
17			0	0%	0%					
16			0	0%	0%	PER CVC 40802, SUI	RVEY EXPIRES:	2/20/2	024	
15	 		0	0%	0%		· ···- 			
	OTAL NUMBER OF VEHICLES	= 200	200	100%						
l i			,							



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/30/18 TIME START: 11:45AM TIME STOP: 12:15PM DAY OF WEEK: Friday WEATHER: Cloudy

PEED	VFHIC	CLES SURVEYED	TOTAL		CUML.		
	NORTHBOUND	SOUTHBOUND		% OF TOTAL		LOCATION: AVENIDA LA PATA	
MPH)	NORTHBOUND	SOUTHBOUND	VEH	!	%		
5			0	0%	100%	Avenida Pico to Calle Del Cerro	
4	X		1	0%	100%		
3			0	0%	100%	ROAD CHARACTERISTICS:	
2			0	0%	100%	Width (ft): 84 Sidewalks/Driveways: yes	
1			0	0%	100%	No. of Lanes for Both Directions: 4 On-Street Parking: no	
0	.,.,		0	0% 1%	100% 100%	Horizontal Alignment Design Speed: 70 MPH Crosswalks: yes	
	XX	V V	2	1%	99%	Vertical Alignment Design Speed: 70 MPH Traffic Controls: Traffic signal	
i8 i7		x x	0	0%	98%		d CI Amanecer; St
	X	x	2	1%	98%	ROADWAY CONDITIONS: signs at two	side streets.
	X	1 x					
-		**	2	1%	97%	Lateral Visibility: good Driveway Density: low	
	XXX	XXX	6	3%	96%	Surface Condition: good Ped.& Bicycle Activity: medium	
-	X	ХX	3	1%	93%		
	XX	XXXX	6	3%	91%		
	XXXX	XXXXX	9	4%	88%	AVERAGE DAILY TRAFFIC: 11,300 SEGMENT LENGTH (ft): 3,570	
	XXXX	XXXXXXX	12	6%	84%		
	XX	XX	12	2% 6%	78% 76% ^		
	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 X X X X X X X X X X	12	9%	70% *	ACCIDENTS 3-YR TOTAL: 3 ACCIDENT RATE: 0.36	ccidents per milli
	XXXXX	XXXXXXXXXXXXX	18	9%	61% *	ACCIDENT NATE: 0.00	ehicles miles
	XXXXXXXX	XXXX	13	6%	52% P	Avg. Addition 12.0112011)	20.0000
	XXXXXX	XXXXXXXXXX	17	8%	46% A	EXISTING SPEED LIMIT: 45 MPH APPROVED SPEED LIMIT: 45 MPH	
	XXXX	XXXXXXX	12	6%	37% C		
	XXXXXX	XXXX	10	5%	31% E		
1	XXXXXXX	xxxxx	13	6%	26% *		
0	XXXXX	xxxx	10	5%	20% *	85TH %: 50 MPH 10 MPH PACE : 39 - 48	MPH
9	XXXX	XXX	7	3%	15% *		
3	X	x	2	1%	12%	50TH %:44MPH % IN PACE:64%_	
	XXXXX	X	7	3%	11%		
	XXXXX	x	6	3%	7%	15TH %: 39 MPH % OVER PACE: 24%	
	XX		2	1%	4%	1004	
	X		1	0%	3%	AVERAGE SPEED: 45 MPH % UNDER PACE: 12%	
	XX		2	1%	3%		
	XX	X	3	1%	2%		
			0	0% 0%	0% 0%	COMMENTS AND/OR RECOMMENDATIONS:	
	X		1	0%	0%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and h	
) 3			0	0%	0%	prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Device	es (CA
			0	0%	0%	MUTCD). Based on the location of this street segment with access to industrial and commerical	
		 	0	0%	0%	establishments, proximity to Steed Park and La Pata Dog Park, and multimodal activity associated	with Class
5		 	0	0%	0%	2 bike lanes, a speed limit posting of 45 MPH is found to be appropriate and justified.	
		 	0	0%	0%		
3		 	0	0%	0%		
		 	0	0%	0%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrote	ek
			0	0%	0%		
)			0	0%	0%		
9			0	0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE	
В			0	0%	0%		
7			0	0%	0%		
6			0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 11/30/2023	
5		 	0	0%	0%		



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/30/18 TIME START: 1:00PM TIME STOP: 2:00PM

DAY OF WEEK: Friday WEATHER: Cloudy LOCATION: **AVENIDA LA PATA** Calle Del Cerro to South City Limit **ROAD CHARACTERISTICS:** Sidewalks/Driveways: Width (ft): 84 No. of Lanes for Both Directions: On-Street Parking: 4 Horizontal Alianment Design Speed: 50 MPH Crosswalks: Vertical Alignment Design Speed: 50 MPH Traffic Controls: Stop on Cl Del Cerro, Cl Iglesia, Steed Park Dwy, & Cl Extremo **ROADWAY CONDITIONS:** Lateral Visibility: Driveway Density: low good Surface Condition: Ped.& Bicycle Activity: medium good **AVERAGE DAILY TRAFFIC:** 5,500 SEGMENT LENGTH (ft): 3,790 accidents per million **ACCIDENTS 3-YR TOTAL: ACCIDENT RATE: 0.69** vehicles miles (1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.48 APPROVED SPEED LIMIT: 45 MPH **EXISTING SPEED LIMIT:** 45 MPH 85TH %: 49 MPH 10 MPH PACE: 39 - 48 MPH 50TH %: 42 MPH % IN PACE: 51% 15TH %: 35 MPH % OVER PACE: 22% 28% **AVERAGE SPEED:** 43 MPH % UNDER PACE: COMMENTS AND/OR RECOMMENDATIONS: This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD), with application of CVC Section 21400(b). A speed limit posting of 45 MPH Is found to be appropriate and justified. OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek Nestor Mangohig, PE, TE, PTOE RECOMMENDATION APPROVED BY: 11/30/2023 PER CVC 40802, SURVEY EXPIRES:

SPEED							VEHIC	LES S	υI	R۷	Έ	Έ	D							TOTAL	% OF	CUML.	
(MPH)					N	ЭF	RTHBOUND							U	ГΗ	В	O	UND		VEH	TOTAL	%	
65	П				Ü	Ť		$\Box \Box$	Ī	Ţ	Т	Ť	Ť	Ť	Ť	Ť	Ť		П	0	0%	100%	1
64																				0	0%	100%	1
63																				0	0%	100%	
62																				0	0%	100%	
61	Ц																		ш	0	0%	100%	
60	Ц																		ш	0	0%	100%	
59	Н																			0	0%	100%	
58 57	Н																			0	0% 1%	100% 100%	ł
57 56	Н							Х											Н	0	0%	100%	
55	Н							х												1	1%	100%	
	v	v									,										-		
54	Х	Х								()									ш	5	3%	99%	
53	Н										(X				,		v	v	-	6	3% 5%	97% 94%	ł
52 51	х										(X		' '		X /	X	X	X		10 5	3%	89%	ł
50	x	v	v								\		, ,	, ,	~					10	5%	86%	ł
49	^	^	^								` ^				^					6	3%	81%	
48	х	х	х	х							X				x					11	6%	78%	*
47	Х										(X			Ť	Ť					9	5%	73%	*
46	Х	Х	Х	Х				х)	()	(X	()	()	(10	5%	68%	*
45	Х	Х						X)	()	(5	3%	63%	Р
44	х	X	X	X	X	X	X	х)	()	(X	(11	6%	61%	Α
43	Х	Х						х)	()	(X	()	()	()	X X	X	Х			11	6%	55%	С
42	Х	Х	Х	Х	Х			Х)	()	(X	()	()	()	X					12	6%	50%	Ε
41	Х	X	X	Х				Х)	()	(X	()	()	(10	5%	44%	*
40						X	X				(X			(Ш	13	7%	39%	*
39	Х		X	Х							(X									9	5%	32%	*
38	Х										(X	()	()	(ш	8	4%	28%	
37				X	Х	Х)		, v	, ,		,					-	8	4% 5%	24% 20%	ł
36 35	X			Х	v	v		X			(X	,	'	•						9	4%	15%	
34	X				^	^		^	ľ	`										3	2%	11%	
33				х	x	X		х												7	4%	10%	
32	x		i	Ĥ	Ĥ	Ĥ		X												3	2%	6%	i
31	х	х	х	Х																4	2%	5%	1
30	Х	X	X																	3	2%	3%	
29	Х																			1	1%	1%	
28	Х																		Щ	1	1%	1%	
27	Ц																		Ш	0	0%	0%	
26	Ц																		Ш	0	0%	0%	
25	Н																		\Box	0	0% 0%	0% 0%	
24	Н																		\mathbb{H}	0	0%	0%	l
23 22	Н																		Н	0	0%	0%	
21	Н																		+	0	0%	0%	
20	Н																		+	0	0%	0%	l
19	Н																		\Box	0	0%	0%	1
18	Н																			0	0%	0%	l
17																			\Box	0	0%	0%	1
16	П																		П	0	0%	0%	1
15	Н																		\mathbf{H}	0	0%	0%	1
	от	Ā	LI	Νl	JM	BI	ER OF VEHICL	ES =	2	00)						_			200	100%		1
																						1	



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/27/18 TIME START: 10:00AM TIME STOP: 11:00AM DAY OF WEEK: Tuesday WEATHER: Clear

SPEED	Т							1	/FO			ш	CI	ES	SI.	ID	\/I	=~	FI	_										TOTAL		CUML.	_
(MPH)					F	Δ.	ST	B	οι				O.		T	<i>-</i> 110	V I	- '			ST	B	ΛI	JN	חו					VEH	% OF TOTAL	%	
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JORVET		DAY O	F WEEK: Tuesday WEATHER	R: Clear
LOCATION:	CAMINO LA PE Avenida Vista H		a Amor	
Horizontal Alignm	STICS: Width (ft): or Both Directions: ent Design Speed: ent Design Speed:	2 45 MPH	Sidewalks/Driveway On-Street Parkin Crosswalk Traffic Control	g: yes
ROADWAY CONDITI	ONS: Lateral Visibility: Surface Condition		Driveway Densit Ped.& Bicycle Activit	
AVERAGE DAILY TR	AFFIC:	7,800	SEGMENT LENGTH (ft	e):4,150
ACCIDENTS 3-YR TO (1/1/2015 - 12/31/201 EXISTING SPEED LII	7)	2 40 MPH	ACCIDENT RATE Avg. Accident Rate in District 1: APPROVED SPEED LIMIT	2: 1.10 vehicles miles
85TH %:	42	MPH	10 MPH PACE:	34 - 43 MPH
50TH %:	38	MPH	% IN PACE:	80%
15TH %:	34	MPH	% OVER PACE:	14%
AVERAGE SPEED:	39	MPH	% UNDER PACE:	6%
COMMENTS AND/OF	RECOMMENDA	ΓIONS:		
This speed zone sa been prepared and	evaluated in acc	ordance with	on 627 of the California Vehicle the California Manual on Unifo O MPH is found to be appropria	orm Traffic Control
This speed zone sa been prepared and	evaluated in acc	ordance with posting of 40	the California Manual on Unife	orm Traffic Control ate and justified.

11/27/2023

PER CVC 40802, SURVEY EXPIRES:



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/27/18 TIME START: 9:00AM TIME STOP: 10:00AM

DAY OF WEEK: Tuesday WEATHER: Clear

Via Amor to Avenida Pico ROAD CHARACTERISTICS: Width (ft): 66 Width (ft): 66 Or-Street Parking: yes Vertical Alignment Design Speed: 45 MPH Vertical Alignment Design Speed: 45 MPH Vertical Alignment Design Speed: 50 MPH Traffic Controls: Stop signs at nine side streets. Via Amor to Avenida Pico ROAD CHARACTERISTICS: Width (ft): 66 Or-Street Parking: yes Vertical Alignment Design Speed: 45 MPH Vertical Alignment Design Speed: 50 MPH Traffic Controls: Stop signs at nine side streets. Vertical Alignment Design Speed: 50 MPH Traffic Controls: Stop signs at nine side streets. Vertical Alignment Design Speed: 50 MPH Traffic Controls: Stop signs at nine side streets. Vertical Alignment Design Speed: 50 MPH Traffic Controls: Stop signs at nine side streets. Vertical Alignment Design Speed: 50 MPH Traffic Controls: Vertical Alignment Design Speed: 50 MPH Traffic Controls: Vertical Alignment Design Speed: 50 MPH Traffic Controls: Vertical Alignment Design Speed: 50 MPH Vertical Alignment Design Speed: 50 MPH Traffic Controls: Vertical Alignment Design Speed: 50 MPH Traffic Controls: Vertical Alignment Design Speed: 50 MPH Vertical Alignment Design Speed: 50 MPH Traffic Controls: Vertical Alignment Design Speed: 50 MPH Vertical Alignment Design	SPEED	VEHICI	LES SURVEYED	TOTAL	CUML.	
ROAD CHARACTERISTICS: No. of Lanes for Both Directions: No. of Lanes for Both Direct	(MPH)	EASTBOUND	WESTBOUND	VEH		LOCATION: CAMINO LA PEDRIZA
RAY XX	65			0	0% 100%	Via Amor to Avenida Pico
	64			0	0% 100%	
No. of Lames for Both Directoms: 2	63			0		ROAD CHARACTERISTICS:
Horizontal Alignment Design Speed: 4.5 MPH	62					
Vertical Alignment Design Speed: 60 MPH Traffic Controls: Stop signs at nine side streets. Columb	61					
ROADWAY CONDITIONS: Comparison	60					
Comments						Vertical Alignment Design Speed: 50 MPH Traffic Controls: Stop signs at nine side streets.
ROADWAY CONDITIONS: O						
Lateral Visibility: good Driveway Density: Low Ped. & Bicycle Activity: lo						DO ADWAY CONDITIONS.
Surface Condition: _good						
33 X						,, ,
AVERAGE DAILY TRAFFIC: 4,000 SEGMENT LENGTH (ft): 4,400						Surface Condition: good Ped.& Bicycle Activity: low
AVERAGE DAILY TRAFFIC: 4,000 SEGMENT LENGTH (ft): 4,400		X				
1 1 1 1 1 1 1 1 1 1						AVERAGE DATA VERAGE
X						AVERAGE DAILY TRAFFIC: 4,000 SEGMENT LENGTH (IT): 4,400
X			v			
ACCIDENTS 3-YR TOTAL: 1 ACCIDENT RATE: 0.27 AVg. Accident Rate in District 12: 1.10 vehicles miles ACCIDENT S 3-YR TOTAL: 1 ACCIDENT S 3-YR TOTAL: 1 AVg. Accident Rate in District 12: 1.10 vehicles miles EXX X X X X X X X X X X X X X X X X X			^			
A			хх			I ACCIDENTS 3-TR TOTAL: 1 ACCIDENT RATE: (12/
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	45	XXXX	ХX	6	6% 85%	*
A	44	хх		2	2% 79%	* EXISTING SPEED LIMIT: 40 MPH APPROVED SPEED LIMIT: 40 MPH
1	43	xxxxxx	хх	9		
40						
X X X X X X X X X X X X X X X X X X X	41	хх	x	3		
Solution State S	40	x x x x x x x	XXX	10		E 85TH %: 45 MPH 10 MPH PACE: 37 - 46 MPH
X X X X X X X X X X X X X X X X X X X						*
Second State Sta						* 50TH %:39
X X X X X X X X X X						"
X X X X X X X X X X						151H %: 34 MPH % OVER PACE: 11%
X X X X X X X X X X X X X X X X X X X						AVERACE SPEED: 40 MPH 9/ HINDER BACE: 21%
XX X XX X						AVERAGE SPEED. 40 WIFT % UNDER PAGE. 2170
COMMENTS AND/OR RECOMMENDATIONS: This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE PER CVC 40802, SURVEY EXPIRES: 11/27/2023						
This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek OBSERVED BY: Nestor Mangohig, PE, TE, PTOE PER CVC 40802, SURVEY EXPIRES: 11/27/2023		A A	<u> </u>			COMMENTS AND/OR RECOMMENDATIONS:
been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity.		хx	хх		4% 5%	
Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. Devices (CA MUTCD). Based on the location of the street segment within residential areas, proximity to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to golf course and park uses, and associated multimodal activity.	29			0		
to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is to golf course and park uses, and associated multimodal activity, a speed limit posting of 40 MPH is found to be appropriate and justified. OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek OBSERVED BY: Nestor Mangohig, PE, TE, PTOE RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE PER CVC 40802, SURVEY EXPIRES: 11/27/2023	28		x	1		
found to be appropriate and justified.				-		
1						
OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE PER CVC 40802, SURVEY EXPIRES: 11/27/2023						found to be appropriate and justified.
OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek				-		
21						ORSEDVED BY: Transportation Studies Inc. STUDY DEEDADED BY: Jane Mretek
20						Transportation ottudes, inc. STODI FREFARED BI. Jane Wilder
19						
118						RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
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16 0 0% 0% 0% 15 0 0 0% 0% 0% 0% 0% 15 0 0 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%						
0 0% 0%						PER CVC 40802. SURVEY EXPIRES: 11/27/2023
102 102 102		OTAL NUMBER OF VEHICLE	S = 102			
	.,	OTAL HOMBER OF VEHICLE	-0 - 102	102	1.00,0	1



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

LOCATION:

DATE OF SURVEY: 12/7/18 TIME START: 11:00AM TIME STOP: 12:30PM
DAY OF WEEK: Friday WEATHER: Clear

CAMINO DE LOS MARES
Interstate 5 to Avenida Vaquero

ERISTICS:
Width (ft): 84 Sidewalks/Driveways: yes

APPROVED SPEED LIMIT: 35 MPH

SPEED	·	CLES SURVEYED	TOTAL	% OF	CUML.
(MPH)	EASTBOUND	WESTBOUND	VEH	TOTAL	%
65			0	0%	100%
64			0	0%	100%
63			0	0%	100%
62			0	0%	100%
61			0	0%	100%
60			0	0%	100%
59			0	0%	100%
58			0	0%	100%
57			0	0% 0%	100%
56			0		-
55			0	0%	100%
54			0	0%	100%
53			0	0%	100%
52			0	0%	100%
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50			0	0% 0%	100%
49 48			0	0%	100%
47			0	0%	100%
46			0	0%	100%
45			0	0%	100%
44			0	0%	100%
43			0	0%	100%
42			0	0%	100%
41			0	0%	100%
40	x		1	1%	100%
39	хх		2	2%	99%
38	XXX	x	4	4%	97%
37	ХX	X	3	3%	93%
36	ХX	XX	4	4%	90%
35	XX	XX	4	4%	86%
34	XXXXX	XXXXXX	12	12%	82%
33	XX	XXX	5	5% 7%	71% 66%
32 31	XXXXX	XX	7	5%	59%
30	X X X	XXX	5	5%	54%
30 29	X	x^^^	2	2%	49%
29 28	XXXX	x x	6	6%	47%
20 27	XXXXX	xxxxxx	11	11%	41%
26	XXXXX	XXX	8	8%	30%
25	XXXXX	XXXXX	10	10%	23%
24	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	XXXXX	5	5%	13%
23	xxx	XX	5	5%	8%
22	X	x	2	2%	3%
21		x	1	1%	1%
20			0	0%	0%
19			0	0%	0%
18			0	0%	0%
17			0	0%	0%
16			0	0%	0%
15			0	0%	0%
	OTAL NUMBER OF VEHIC	LES = 102	102	100%	<u> </u>

interestate e te / tremad re	
ROAD CHARACTERISTICS: Width (ft): 84 No. of Lanes for Both Directions: 6 Horizontal Alignment Design Speed: 40 MPH Vertical Alignment Design Speed: 45 MPH	
ROADWAY CONDITIONS: Lateral Visibility: good Surface Condition: good	Driveway Density: medium Ped.& Bicycle Activity: medium
AVERAGE DAILY TRAFFIC: 37,000	SEGMENT LENGTH (ft): 3,580
ACCIDENTS 3-YR TOTAL: 24 (1/1/2015 - 12/31/2017)	ACCIDENT RATE: 0.87 accidents per million Avg. Accident Rate in District 12: 1.48 vehicles miles

85TH %:	34	MPH	10 MPH PACE:	25 - 34 MPH
50TH %:	29	MPH	% IN PACE:	70%
15TH %:	24	MPH	% OVER PACE:	18%
AVERAGE SPEED:	30	MPH	% UNDER PACE:	13%

35 MPH

COMMENTS AND/OR RECOMMENDATIONS:

EXISTING SPEED LIMIT:

This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). A speed limit posting of 35 MPH is found to be appropriate and justified.

OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek

RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE

PER CVC 40802, SURVEY EXPIRES: 12/7/2023



CITY OF SAN CLEMENTE SPEED LIMIT - ENGINEERING & TRAFFIC

DATE OF SURVEY 12/4/18 TIME START: 2:45PM TIME STOP: 4:00PM

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	Н	H	H	H	H	Н	Н	Н		+	+	Н		Н	Н	H	H	H	┪	+	+	Н		0	0%	0%	
		H	H	H	H	Н	Н	Н		+	t	H		Н	Н	Н	Н	Н	+	7	٦	Н		0	0%	0%	
	Н	H	H	H	H	Н	Н	Н		+	t	Ħ	t	Н	Н	H	H	H	7	7	Ħ	H		0	0%	0%	
ī	П	Г	Г	Г	Г	П	П	П		T	Ť	Ħ		П	П	Π	Π	Π	T	T	T	ī		0	0%	0%	
Ī		Г	Г	Г	Г					T	Ť	П			П	Π	Π	Π	٦	٦	٦	ī		0	0%	0%	
										1	I													0	0%	0%	
																								0	0%	0%	
		L	L	L	L	Ц	Ц	Ц		4	4	Щ		Ц	Ц	Ц	Ц	Ц	4	4	Ц			0	0%	0%	
		L	L	L	L			Ц		4	4	Н	L	Ц	Ц	Ц	Ц	Ц	4	4	4	Ц		0	0%	0%	
		H	L	L	H	Н	Н	Н		4	+	Н		Н	Н	Н	Н	Н	4	4	4	Н		0	0%	0%	
L	Ц	L	L	L	L	Ц	Ц	Ц	Ц	4	1	11	L	Ц	Ц	Ц	Ц	Ц	4	4	Ц	Ц		0	0%	0%	
Ш										1	Ţ	Ш			Ш				╛					0	0%	0%	
												П			Ц									0	0%	0%	l
Ω T	ΛI		MI I	IM	RF	ER	0	F	VE	ш	CI.	ES =		14	-									145	100%	•	

IRVEY		F SURVEY: _ OF WEEK:	Tuesday Time START WEATHER:		TIME STOP: 4:00PM
ATION:					
No. of Lanes Horizontal Alignm	Width (ft): for Both Directions: lent Design Speed:	64 - 84 4 50 MPH 45 MPH	On-Street Parking: Crosswalks:	no yes Signalized	- - I intersections at Nuevo and Vera Cruz.
DWAY CONDIT	Lateral Visibility: Surface Condition:	good good			-
RAGE DAILY TF	RAFFIC:	19,000	SEGMENT LENGTH (ft):	5,450	
2015 - 12/31/201	7)	4 45 MPH	Avg. Accident Rate in District 12:	3.58	accidents per million vehicles miles
Ⅎ %:	49	MPH	10 MPH PACE:	_43 - 52	MPH
Ⅎ%:	44	MPH	% IN PACE:	83%	
Ⅎ %:	42	MPH	% OVER PACE:	3%	
RAGE SPEED:	46	MPH	% UNDER PACE:	13%	
			n 627 of the California Vehicle	Code (CV	C) and has
	D CHARACTER No. of Lanes Horizontal Alignm Vertical Alignm DWAY CONDITION RAGE DAILY TF IDENTS 3-YR TO 2015 - 12/31/201 TING SPEED LI TW: H%: H%: RAGE SPEED:	Avenida Vaquero D CHARACTERISTICS: Width (ft): No. of Lanes for Both Directions: Horizontal Alignment Design Speed: Vertical Alignment Design Speed: DWAY CONDITIONS: Lateral Visibility: Surface Condition: RAGE DAILY TRAFFIC: IDENTS 3-YR TOTAL: 2015 - 12/31/2017) ITING SPEED LIMIT: IM: 49 IM: 40 IM: 41 IM: 41 IM: 42 IM: 46	Avenida Vaquero to Camino Midth (ft): D CHARACTERISTICS: Width (ft): No. of Lanes for Both Directions: dorizontal Alignment Design Speed: Vertical Alignment Design Speed: Lateral Visibility: Surface Condition: Good RAGE DAILY TRAFFIC: DENTS 3-YR TOTAL: 2015 - 12/31/2017) TING SPEED LIMIT: 45 MPH 45 MPH 46 MPH 46 MPH 47 MPH 47 MPH	Avenida Vaquero to Camino Vera Cruz D CHARACTERISTICS: Width (ft): 64 - 84 No. of Lanes for Both Directions: 4 Idorizontal Alignment Design Speed: 50 MPH Vertical Alignment Design Speed: 45 MPH DWAY CONDITIONS: Lateral Visibility: good Surface Condition: good Surface Condition: good RAGE DAILY TRAFFIC: 19,000 SEGMENT LENGTH (ft): 45 MPH ACCIDENT RATE: Avg. Accident Rate in District 12: 47 Approved Speed LIMIT: 45 MPH To MPH PACE: 49 MPH 10 MPH PACE: 49 MPH 10 MPH PACE: 41%: 42 MPH WINDER PACE: RAGE SPEED: 46 MPH WINDER PACE: 44 WINDER PACE: 45 MPH WINDER PACE: 45 MPH WINDER PACE: 47 WI	Avenida Vaquero to Camino Vera Cruz D CHARACTERISTICS: Width (ft): 64 - 84 No. of Lanes for Both Directions: 4 Horizontal Alignment Design Speed: 50 MPH Vertical Alignment Design Speed: 45 MPH DWAY CONDITIONS: Lateral Visibility: good Surface Condition: good RAGE DAILY TRAFFIC: 19,000 SEGMENT LENGTH (ft): 5,450 DIDENTS 3-YR TOTAL: 4 ACCIDENT RATE: 0.19 Avg. Accident Rate in District 12: 3.58 TINING SPEED LIMIT: 45 MPH APPROVED SPEED LIMIT: 43 AGE SPEED: 46 MPH W UNDER PACE: 3% RAGE SPEED: 46 MPH W UNDER PACE: 13%

Transportation Studies, Inc. **OBSERVED BY:** Jane Mrotek STUDY PREPARED BY:

RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE

PER CVC 40802, SURVEY EXPIRES: 12/4/2023



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/26/18 TIME START: 10:30AM TIME STOP: 11:30AM DAY OF WEEK: Monday WEATHER: Sunny

EED	VEHICLES	SURVEYED	TOTAL		I	I			or WEEK: Monday	WEATHER: 50
PH)	EASTBOUND	WESTBOUND	VEH	% OF TOTAL	CUML. %	LOCATION: CA	MINO DE LO	SMARES		
5 5	EASTBOOKE	WESTBOOND	0						to I impit	
ì				0% 0%	100% 100%	Ca	mino Vera Cru	uz io Easi Cii	ty Littiit	
; }			0	0%	100%	ROAD CHARACTERISTIC	~e.			
			0	0%	100%	ROAD CHARACTERISTIC	Width (ft):	64-84	Sidewalks/Driveways:	yes
2			0	0%	100%	No. of Lanes for E	` ' '	2	On-Street Parking:	
									•	yes
١			0	0%	100%	Horizontal Alignment	• .		Crosswalks:	yes
}			0	0%	100%	Vertical Alignment	Design Speed:	45 MPH		Signalized intersection at Camino Cruz: roundabout at Bonanza/Car
_		y	0	0% 0%	100% 100%					Cruz; roundabout at Bonanza/Ca Del Rio.
		X	0	0%	100%	ROADWAY CONDITIONS	٠.			Del No.
_			0	0%	100%		ateral Visibility:	Good	Driveway Density:	low
_			_				,			
	, ,		0	0% 1%	100% 100%	Sur	face Condition:	Good	Ped.& Bicycle Activity:	meaium
	(X	X	3	2%	98%					
	(XXX	XXXXXX	5 8	3%	96%	AVERAGE DAILY TRAFF	ic.	5,000	SEGMENT LENGTH (ft):	4 150
	(X	XXXX	6	3%	93%	AVERAGE DAIET INALT		0,000	OLOMENT LENGTH (II).	1,100
	· · · · · · · · · · · · · · · · · · ·		20	8%	90%					
)	X X X X X X X X	XX	11	5%	82%	400000000000000000000000000000000000000			_	opidanta na
	(X	XXXX	6	3%	77% [*]	ACCIDENTS 3-YR TOTAL	- :	5	ACCIDENT RATE:	1.16 accidents per mill vehicles miles
	(XXXXXXXXXXXXXXX		35	15% 6%	75% F	(1/1/2010 12/01/2017)			Avg. Accident Rate in District 12:	3.48 vehicles miles
	(XXXX	13 23	10%	54%			45 MPH	APPROVED SPEED LIMIT:	45 MDH
	(XXXXXXXXXXXX	X X X X X X X X X	22	9%	44% E			43 IVIF II	AFFROVED SPEED LIMIT.	45 WIFT
		X X X X X X X X X X X X X X X X X X X		14%	35%					
		XXXXXXXX	13	6%	22%					
		x x x x x x x x x x	15	6%	16%	85TH %:	48	MPH	10 MPH PACE:	40 - 49 MPH
	(X X X X X	x x x x x x x x	14	6%	10%	"				
	(X X		3	1%	4%	50TH %:	43	MPH	% IN PACE:	81%
	(X	X	3	1% 1%	3% 1%	45711.07	00	MBU	0/ 0VED DAGE	400/
ľ	(X	X	3	0%	0%	15TH %:	39	MPH	% OVER PACE:	10%
			0	0%	0%	AVERAGE SPEED:	44	MPH	% UNDER PACE:	10%
			0	0%	0%	AVERAGE OF EED.		IVII I I	70 ONDER I AGE.	1070
			0	0%	0%					
			0	0%	0%	COMMENTS AND/OR RE	COMMENDATI	ONS:		
			0	0%	0%					
			0	0% 0%	0%	This speed zone satisfic	es the condition	ons of Section	n 627 of the California Vehicle Co	ode (CVC) and has
			0	0%	0% 0%	been prepared and eva	luated in acco	rdance with t	the California Manual on Uniform	Traffic Control
H			0	0%	0%	Devices (CA MUTCD),	with application	on of CVC Se	ection 21400(b). A speed limit pos	iting of 45 MPH Is
ŀ			0	0%	0%	found to be appropriate	and justified.		., .	-
			0	0%	0%		. ,			
			0	0%	0%	_				
			0	0%	0%	OBSERVED BY: Tra	ansportation S	tudies, Inc.	STUDY PREPARED BY:	Jane Mrotek
			0	0%	0%					
-			0	0%	0%		DD 61/EE 51/	Minne	Managhia DE TE DTOE	
L			0	0%	0%	RECOMMENDATION API	PROVED BY:	Nestor	Mangohig, PE, TE, PTOE	
H			0	0% 0%	0% 0%					
			0		_	DED 01/0 10000 01/01/01	V EVDIE = 0	44/00/0	2002	
			0	0%	0%	PER CVC 40802, SURVE	Y EXPIRES:	11/26/2	2023	
	TAL NUMBER OF VENEZ TO	226	0	0%	0%					
	TAL NUMBER OF VEHICLES =	∠ა0	236	100%						



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/28/18 TIME START: 3:00PM TIME STOP: 4:00PM DAY OF WEEK: Wednesday WEATHER: Cloudy

accidents per million

SPEED	VEHICL	ES SURVEYED	% OF	CUML.					
(MPH)	NORTHBOUND	SOUTHBOUND	TOTAL	%	LOCATION:	CAMINO MIR	A COSTA		
65			0%	100%		Camino Capis	strano to Camino	o De Estrella	
64			0%	100%					
63			0%	100%	ROAD CHARACTE				
62			0%	100%		Width (1	ft): 64	Sidewalks/Driveways:	
61			0%	100%		s for Both Direction		On-Street Parking:	yes
60			0%	100%		ment Design Spee		Crosswalks:	
59			0%	100%	Vertical Align	ment Design Spee	ed: <u>35 MPH</u>	Traffic Controls:	Signalized intersection at Cam. D
58			0%	100%					Estrella and stop sign At Cam.
57			0%	100%					Capistrano
56			0%	100%	ROADWAY CONDI				
55			0%	100%		Lateral Visibili	ty: good	Driveway Density:	low
54			0%	100%		Surface Condition	on: good	Ped.& Bicycle Activity:	low
53			0%	100%					
52			0%	100%					
51			0%	100%	AVERAGE DAILY	TRAFFIC:	6,500	SEGMENT LENGTH (ft):	3,700
50			0%	100%				` ,	
49	X		0%	100%					
48		x	0%	100%	4 0 0 1 5 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1				a acidanta nav milli
47			0%	99%	ACCIDENTS 3-YR	_	4	ACCIDENT RATE:	
46			0%	99%	(1/1/2015 - 12/31/20	017)		Avg. Accident Rate in District 12:	3.48 vehicles miles
45	XXXX	X	2%	99%					
44		X	0%	97%	EXISTING SPEED	LIMIT:	35 MPH	APPROVED SPEED LIMIT:	35 MPH
43	XXX	XXX	3%	96%					
42	ХX	XXXXX	4%	93% *					
41	XXXX	x x x x x x x x x	7%	89% *					
40	X X X X X X X X X	X	5%	82% *	85TH %:	40	MPH	10 MPH PACE:	33 - 42 MPH
39	XXXXX	XXXXX	5%	78% P					
38	XXXXX	xxxxxxxxxx	8%	72% A	50TH %:	35	MPH	% IN PACE:	78%
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	12%	64% C					
36	XXXXXXXXXX	XXXXXXXX	10%	53% E	15TH %:	32	MPH	% OVER PACE:	7%
35	XXXXXXXXXXX	XXXXXXXX	10% 10%	43% * 33% *	11/50405 00550	00	MDU	OV LINDED DAGE	15%
34	XXXXXXXX	XXXXXXXXXX	8%	23% *	AVERAGE SPEED	36	MPH	% UNDER PACE:	1378
33 32	XXXXXXXX	XXXXXX	2%	15%					
32 31	XX	XXX XXXXX	5%	13%	COMMENTS AND/	OD DECOMMEND	ATIONS.		
30	XX	V ^ ^ ^ ^	1%	8%				n 627 of the California Vehicle Co	odo (C)(C) and has
29	XXXX	xxx	3%	6%					
28	X	^^^	0%	3%				the California Manual on Uniform	
27	XX	- - - - - - - - - - 	1%	2%				etric design, access to multiple re	
26		lx	0%	1%	commercial estab	lishments, and p	ark use, a spee	d limit posting of 35 MPH is found	d to be appropriate
25	x		0%	1%	and justified.		-		
24	x		0%	0%	1				
23			0%	0%					
22			0%	0%	OBSERVED BY:	Transportation	n Studies, Inc.	STUDY PREPARED BY:	Jane Mrotek
21			0%	0%			·		
20			0%	0%					
19			0%	0%	RECOMMENDATIO	N APPROVED BY	Y: Nestor Mang	ohig, PE, TE, PTOE	
18			0%	0%					
17			0%	0%					
16			0%	0%	PER CVC 40802, S	URVEY EXPIRES	11/28/20	023	
15			0%	0%					
	TOTAL NUMBER OF VEHICLE	S = 205	100%	\vdash					
 '	OTAL NOMBER OF TEMOLE	<u> </u>	1.0070						



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/18/18 TIME START: 10:30AM TIME STOP: 11:30AM

DAY OF WEEK: Tuesday WEATHER: Clear

	VLINGE	ES SURVEYED	TOTAL	% OF	CUML.	
PH)	NORTHBOUND	SOUTHBOUND	VEH	% OF TOTAL	%	LOCATION: AVENIDA VISTA MONTANA
5			0	0%	100%	Calle Del Cerro to Calle Del Cerro
4			0	0%	100%	Calle Del Gene to Galle Del Gene
3			0	0%	100%	ROAD CHARACTERISTICS:
2			0	0%	100%	Width (ft): 44 Sidewalks/Driveways: yes
i		- 	0	0%	100%	No. of Lanes for Both Directions: 2 On-Street Parking: yes
,			0	0%	100%	Horizontal Alignment Design Speed: 45 MPH Crosswalks: yes
9			0	0%	100%	Vertical Alignment Design Speed: 40 MPH Traffic Controls: Signalized intersection at Cl. Del Ce
3			0	0%	100%	west and stop sign at CI Del Cerro e
7			0	0%	100%	
3			0	0%	100%	ROADWAY CONDITIONS:
5			0	0%	100%	Lateral Visibility: good Driveway Density: low
ı			0	0%	100%	Surface Condition: good Ped.& Bicycle Activity: low
3			0	0%	100%	
2			0	0%	100%	
			0	0%	100%	AVERAGE DAILY TRAFFIC: 5,000 SEGMENT LENGTH (ft): 9,110
)			0	0%	100%	
,			0	0%	100%	
3		X	1	1%	100%	ACCIDENTS 3-YR TOTAL: 4 ACCIDENT RATE: 0.42 accidents per million
		X	1	1%	99%	ACCIDENT RATE: 0.42
	X		1	1% 1%	98% 97%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.10 vehicles miles
j L	v v	X	7	6%	97%	EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH
	X X X	XXXXX	5	4%	90%	EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH
	XXX	XXXXX	8	7%	86% *	
	X X	xxx	4	3%	79% *	
	X	xx	9	8%	76% *	85TH %: 41 MPH 10 MPH PACE: 33 - 42 MPH
	XX	XXXX	6	5%	68% P	10 mm // / / / / / / / / / / / / / / / /
	XXXX	xxxxxxx	11	10%	63% A	50TH %: 36 MPH % IN PACE : 69%
7	x	xxxx	5	4%	53% C	
6	X X X X X X	x x x x x x x x x	15	13%	49% E	15TH %: 31 MPH % OVER PACE : 14%
	x x x x x x	Х	7	6%	36% *	
	XXXX	X	5	4%	30% *	AVERAGE SPEED: 37 MPH % UNDER PACE: 17%
	XXXX	xxxx	9	8%	25% *	
	X X	XXXXXX	8	7%	17%	
		X	1	1% 2%	10% 10%	COMMENTS AND/OR RECOMMENDATIONS: This aread wars assisting the conditions of Section 607 of the Colifornia Vehicle Code (CVC) and has
)	X X X X	X	3	3%	8%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
,	^^^		1	1%	5%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
		Y Y	1	1%	4%	Devices (CA MUTCD). Based on the geometric design of the street with access to several residential
;		x	1	1%	3%	tracts, Lobo Elementary School, Rancho San Clemente Park, and Class 2 bike lanes, a speed limit
	ХХ		2	2%	3%	posting of 35 MPH is found to be appropriate and justified.
			0	0%	1%	promise of the state of the sta
			0	0%	1%	
: [x		1	1%	1%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
			0	0%	0%	
) [0	0%	0%	
)			0	0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
3			0	0%	0%	
			0	0%	0%	
;			0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 12/18/2023
5			0	0%	0%	
	TAL NUMBER OF VEHICLE	S = 115	115	100%		



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/18/18 TIME START: 2:30PM TIME STOP: 3:30PM
DAY OF WEEK: Tuesday WEATHER: Clear

SPEED	VEHICL	ES SURVEYED							
(MPH)	NORTHBOUND	SOUTHBOUND	% OF TOTAL	CUML. %	LOCATION:	CALLE NEGOC	O		
65			0%	100%		Calle Amanecei	r to its terminu	IS	
64			0%	100%			10 110 101111111		
63			0%	100%	ROAD CHARACTERI	STICS:			
62			0%	100%	110/12 01//10/12/11	Width (ft):	44	Sidewalks/Driveways:	ves
61			0%	100%	No. of Lanes f	or Both Directions:		On-Street Parking:	
60			0%	100%		ent Design Speed:		Crosswalks	
59			0%	100%		ent Design Speed:			: Signalized intersection at Calle
58			0%	100%		5 1			Amanecer
57			0%	100%					
56			0%	100%	ROADWAY CONDITI	ONS:			
55			0%	100%		Lateral Visibility:	good	Driveway Density:	medium
54			0%	100%		Surface Condition	: good	Ped.& Bicycle Activity:	
53			0%	100%			9		
52			0%	100%					
51			0%	100%	AVERAGE DAILY TR	AFFIC:	5,700	SEGMENT LENGTH (ft):	3.330
50			0%	100%				,	
49			0%	100%					
48			0%	100%					a asidanta nav millian
47			0%	100%	ACCIDENTS 3-YR TO		1	ACCIDENT RATE:	
46			0%	100%	(1/1/2015 - 12/31/201	7)		Avg. Accident Rate in District 12:	1.10 vehicles miles
45			0%	100%					
44			0%	100%	EXISTING SPEED LII	MIT:	35 MPH	APPROVED SPEED LIMIT:	35 MPH
43			0%	100%					
42			0%	100%					
41			0%	100%				40.4504.54.05	00 05 1454
40		X	1% 0%	100% 99%	85TH %:	33	MPH	10 MPH PACE:	26 - 35 MPH
39 38	x		1%	99%	50TH %:	29	MPH	% IN PACE:	78%
36 37	X	x	1%	99%	501H %.	29	IVIPTI	% IN PACE:	1070
36	XXXXX	хх	5%	97%	15TH %:	25	MPH	% OVER PACE:	7%
35	XXXXXX	XXX	6%	93% *	13111 70.		IVII I I	70 OVERTAGE.	1 70
34	XXXXX	XXX	5%	87% *	AVERAGE SPEED:	30	MPH	% UNDER PACE:	15%
33	xxxxx	xxxx	6%	82% *				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
32	XXXXX	XXXXXXXXXX	11%	76% P					
31	X X X X X X X X	x x x x x x x x x x	12%	65% A	COMMENTS AND/OF	RECOMMENDA	TIONS:		
30	x x x x x x x x	x x x x x x x x	10%	54% C					
29	XXXX	x x x x x x x x	8%	43% E	This speed zone sa	tisfies the condit	ions of Sectio	n 627 of the California Vehicle	Code (CVC) and has
28	XXXXX	XXXXXXX	9%	35% *	been prepared and	evaluated in acc	ordance with	the California Manual on Uniform	rm Traffic Control
27	XXX	XXXXX	5%	26% *				MPH is found to be appropriate	
26	XXX	XXXXX	6%	21% *		D). A opoda iii iii	i pooling or oc	will the round to be appropriate	to and justinea.
25	XXX	XXXXX	6% 1%	15% 9%					
24 23	хх	XX	3%	8%					
23 22	^^	XX	1%	5%	OBSERVED BY:	Transportation S	Studios Inc	STUDY PREPARED BY	· Jana Mrotok
21		^^	0%	3%	OBOLKVED B1:	Transportation	studies, inc.	OTODITIKEI AKED BI	- Jane Miotek
20			0%	3%					
19		хх	1%	3%	RECOMMENDATION	APPROVED BY:	Nestor Mand	ohig, PE, TE, PTOE	
18		x	1%	2%				, , , -	_
17		x	1%	1%					
16		lx l	1%	1%	PER CVC 40802, SUI	RVEY EXPIRES:	12/18/2	023	
15			0%	0%			.2, 10/2		
	OTAL NUMBER OF VEHICLE	S = 155	100%						
•				-					



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/19/18 TIME START: 2:00PM TIME STOP: 3:00PM DAY OF WEEK: Wednesday WEATHER: Clear

PEED	VEHICL	ES SURVEYED	TOTAL			T T
MPH)	NORTHBOUND	SOUTHBOUND	VEH	% OF TOTAL C	UML. %	LOCATION: SOUTH OLA VISTA
65			0	0%	100%	Avenida Del Mar to Avenida Valencia
64		 	0		100%	
63			0	0%	100%	ROAD CHARACTERISTICS:
62			0		100%	Width (ft): 40 Sidewalks/Driveways: yes
61			0		100%	No. of Lanes for Both Directions: 2 On-Street Parking: yes
60			0		100%	Horizontal Alignment Design Speed: 25 MPH Crosswalks: yes
59			0		100%	Vertical Alignment Design Speed: 30 MPH Traffic Controls: Stop signs at Ave. Palizada and
58			0		100%	signalized at Del Mar
57			0		100% 100%	POADWAY CONDITIONS
56		+++++++++++++++++++++++++++++++++++++++	0	_		ROADWAY CONDITIONS:
55			0		100%	Lateral Visibility: limited Driveway Density: high
54			0		100%	Surface Condition: good Ped.& Bicycle Activity: high
53			0		100%	4
52			0		100%	4
51 50		+++++++++++++++++++++++++++++++++++++++	0		100% 100%	AVERAGE DAILY TRAFFIC: 3,500 SEGMENT LENGTH (ft): 5,280
50 49		+++++++++++++++++++++++++++++++++++++++	0		100%	
49 48		+++++++++++++++++++++++++++++++++++++++	0		100%	d
47			0		100%	ACCIDENTS 3-YR TOTAL: 13 ACCIDENT RATE: 3.30 accidents per million
46			0	0%	100%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 5.55 vehicles miles
45			0	0%	100%	<u> </u>
44			0	0%	100%	EXISTING SPEED LIMIT: 25 MPH APPROVED SPEED LIMIT: 25 MPH
43			0	0%	100%	
42			0	0%	100%	
41			0		100%	5
40	X		1		100%	85TH %: 30 MPH 10 MPH PACE : 23 - 32 MPH
39			0	0%	99%	
38			0	0%	99%	50TH %:27 MPH % IN PACE:86%
37			0	0% 1%	99% 99%	4
	X X X	+++++++++++++++++++++++++++++++++++++++	1	1%	99%	15TH %:23 MPH % OVER PACE:7%
35 34	X X	+++++++++++++++++++++++++++++++++++++++	1	1%	97%	AVERAGE SPEED: 28 MPH % UNDER PACE: 6%
-	XXXX	хх	6	4%	97%	7.12.0.02.0.12.0.1
	XXXX	XXX	7	5%	93%	
-	XXXXXXXXX	XXXXX	15	10%	88%	
30	XXXXXXXX	XXXXXXX	17	11%	78%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been
	x x x x x x x x x x x x	XXXX	17	11%		P prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA
	x x x x x x x x	XXXXX	14	9%		ALITOD. Bened on the street means total declaration to dealing to be of control connections with some of Booken's delibition.
	XXXXX	XXXXX	11	7%		P •
	XXXXXX	XXXXXX	13	9% 13%	38% 29%	access to beach areas, various residential, high driveway density fronting the street, accident rate, and multimodal activity, a speed limit posting of 25 MPH is found to be appropriate and justified.
	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 X X X X X X X X X X	19 7	13% 5%	16%	* a specta limit posting of 25 in 1115 found to be appropriate and justined.
23	^ ^ ^	XXXXXXX	8	5%	11%	*
	X		6	4%	6%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
	XX	x	3	2%	2%	
20	 	11111111111111	0	0%	0%	
19			0	0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18		 	0	0%	0%	
17		 	0	0%	0%	
16		111111111111111	0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 12/19/2023
15		 	0	0%	0%	
	TAL NUMBER OF VEHICLES	S = 148	148	100%		1
	THE HOMBER OF VEHICLE	9 =	טדו		_	{ · L



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 2/19/19 TIME START: 9:00 AM TIME STOP: 10:30 AM DAY OF WEEK: Tuesday WEATHER: Clear

	LIFORNIA			DAY OF WEEK: Tuesday	WEATHER: Cle
ED		ICLES SURVEYED	TOTAL % OF		
1)	NORTHBOUND	SOUTHBOUND	VEH TOTAL CUML.	LOCATION: SOUTH OLA VISTA	
			0 0% 100%	Avenida Valencia to Calle Califia	
			0 0% 100%		
L			0 0% 100%	ROAD CHARACTERISTICS:	
L			0 0% 100%		yes
			0 0% 100%		yes
L			0 0% 100%		yes
ŀ			0 0% 100%		sign at Valencia, Los Lobos
			•	Man	nos, Riviera, and Calafia
			0 0% 100%	ROADWAY CONDITIONS:	
-					adii waa
L			0 0% 100%	Lateral Visibility: limited Driveway Density: me	
L			0 0% 100%	Surface Condition: good Ped.& Bicycle Activity: me	edium
L			0 0% 100%		
L			0 0% 100%		
L			0 0% 100%	AVERAGE DAILY TRAFFIC: 2,000 SEGMENT LENGTH (ft): 4,	224
			0 0% 100%		
ŀ			0 0% 100% 0 0% 100%		
H			0 0% 1007	ACCIDENTS 3-YR TOTAL: 2 ACCIDENT RATE: 1	.14 accidents per millior
H			0 0% 1007	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1	.17
			0 0% 1007	(1/1/2013 - 12/31/2017)	· io
H				EXISTING SPEED LIMIT: 25 MPH APPROVED SPEED LIMIT: 25	MDL
L			- 0,0 1007	EXISTING SPEED LIMIT: 25 MPH APPROVED SPEED LIMIT: 25	WIFH
ŀ			0 0% 100%		
H			0 0% 100%		
			0 0% 1007	85TH %: 30 MPH 10 MPH PACE: 24	4 - 33 MPH
			0 0% 1007	851H 76: 30 MIPH 10 MIPH PACE: 22	+ - 33 WPN
H			0 0% 1007	50TH %: 28 MPH % IN PACE:	87%
		ly l	1 1% 100%	20 11111	01 70
		<u> </u>	0 0% 99%	15TH %: 23 MPH % OVER PACE :	3%
		хх	2 2% 99%		0,0
			0 0% 97%	AVERAGE SPEED: 28 MPH % UNDER PACE :	10%
)		хх	3 3% 97%	*	
þ	XXX	xxxx	8 8% 94%	*	
	XXXX	XXXX	9 9% 86%	* COMMENTS AND/OR RECOMMENDATIONS:	
	XXX	x x x x x x x x x x x	14 14% 77%	This spect zone satisfies the conditions of occiton of the callionia vehicle code (ove	C) and has been
	(X	x x x x x x x x x x x	13 13% 63%	A prepared and evaluated in accordance with the California Manual on Uniform Traffic Control	′
	XXXX	X X	7 7% 50%	MITCD). Board on the atreat geometric design including herizontal curvature with areas of	
	XXXXX	XXXXXX	13 13% 44%	access to beach areas, various residential, high driveway density fronting the street, and m	
	XXX	xx	6 6% 31%		ultimodal activity, a
	XXX	xxx	6 6% 25%	* speed limit posting of 25 MPH is found to be appropriate and justified.	
	XXXXX	XXX	9 9% 19%		
	X	X	3 3% 10% 4 4% 7%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jan	o Mrotok
)		xxx		OBSERVED BT. ITAIISPORTATION STUDIES, IIIC. STUDIE PREPARED BT: Jan	ie iviiolek
)					
ŀ		x x	2 2% 2% 0 0% 0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE	
H		 	0 0% 09	RECOMMENDATION AFFROYED DT. MESICI Mangoring, I E, IE, FTOL	
			0 0% 09		
		 		DED CVC 40002 CUDVEY EXPIDES. 2/40/2024	
L			0 0% 0%	PER CVC 40802, SURVEY EXPIRES: 2/19/2024	
L	TAL NUMBER OF VEHIC	CLES = 101	0 0% 09 101 100%		
				•	



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/18/18 TIME START: 11:30AM TIME STOP: 12:30PM
DAY OF WEEK: Tuesday WEATHER: Clear

PEED	VEHICLE	S SURVEYED									
(MPH)	NORTHBOUND	SOUTHBOUND	% OF TOTAL	CUML. %	LOCATION:	CALLE PASTAD	DERO				
65			0%	100%		Avenida Vista M	ontana to its	sterminus			
64			0%	100%							
63			0%	100%	ROAD CHARACTERIS	STICS:					
62			0%	100%		Width (ft):	40	Sidewalks/Driveways:	yes		
61			0%	100%	No. of Lanes fo	or Both Directions:	2	On-Street Parking:	yes		
60			0%		Horizontal Alignme	ent Design Speed:	30 MPH	Crosswalks:	no		
59			0%		Vertical Alignme	ent Design Speed:	45 MPH	Traffic Controls:	Stop sign at Avenida Vista Montana		
58			0%	100%							
57			0%	100%							
56			0%	100%	ROADWAY CONDITION	-					
55			0%	100%		Lateral Visibility:	good	Driveway Density:			
54			0%	100%	;	Surface Condition:	good	Ped.& Bicycle Activity:	medium		
53			0%	100%							
52			0%	100%							
51			0%		AVERAGE DAILY TRA	AFFIC:	700	SEGMENT LENGTH (ft):	2,990		
50			0% 0%	100%							
49 48			0%	100% 100%							
46 47		Y	1%	100%	ACCIDENTS 3-YR TO	TAL:	1	ACCIDENT RATE:	2.30 accidents per million		
46		^	0%	99%	(1/1/2015 - 12/31/2017			Avg. Accident Rate in District 12:			
45			0%	99%	(1,1,120.10 12,01,120.1	,		7 (1 g) 7 (00) (00) (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1			
44			0%	99%	EXISTING SPEED LIN	AIT.	30 MPH	APPROVED SPEED LIMIT:	30 MPH		
43	хх		2%	99%	EXIOTING OF EED EIII		00 1011 11	ALL ROVED OF EED EIMIT.	30 1411 11		
42	X		1%	97%							
41		x	1%	97%							
40	xxxx	xxx	6%	96% *	85TH %:	37	MPH	10 MPH PACE:	31 - 40 MPH		
39	xxx	x	3%	90% *							
38	XXXX	XXXX	7%	86% *	50TH %:	33	MPH	% IN PACE:	77%		
37	ХX	X X	3%	79% P							
36	x x x x x x x x	XXXXX	11%	76% A	15TH %:	29	MPH	% OVER PACE:	4%		
35	XXXXX	XXXXXX	11%	64% C					100/		
	XXXXX	XXXX	9% 12%	53% E 44% *	AVERAGE SPEED:	34	MPH	% UNDER PACE:	19%		
33	XXXXX	XXXXXXXX	6%	32% *							
32 31	X	X X X X X X X	7%	26% *	COMMENTS AND/OR	DECOMMENDAT	IONE.				
30		XXXXXX	6%					on 627 of the California Vehicle	Code (CVC) and has		
29		XXX	3%	13%				n the California Manual on Unifor			
28		x	1%	10%							
27	x	xxxxx	5%	10%				design, access to several resider			
26		хх	2%	4%			activity, a s	peed limit posting of 30 MPH is	found to be		
25			0%	3%	appropriate and just	ified.					
24		x	1%	3%	_						
23			0%	2%	0000000000000			OTHEW PREPARED BY			
22	X	X	2%	2%	OBSERVED BY:	Transportation S	Studies, Inc.	STUDY PREPARED BY:	Jane Mrotek		
21			0% 0%	0% 0%							
20 19			0%	0%	RECOMMENDATION	APPROVED BY:	Nestor	Mangohig, PE, TE, PTOE			
19 18			0%	0%			1403101	mangoing, r E, r E, r TOE	-		
17			0%	0%							
16	 		0%	0%	PER CVC 40802, SUR	VEV EXDIRES.	12/18/2	2023			
15			0%	0%	. LR 040 40002, 30R	TELLATINES.	12/10/2				
	IOTAL NUMBER OF VEHICLES	115	100%	 							
- 11	STAL NOWIDER OF VEHICLES		. 50 /0	1	L						



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TOTAL NUMBER OF VEHICLES = 671

CITY OF SAN CLEMENTE

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/30/18 TIME START: 10:30AM TIME STOP: 11:30AM

DAY OF WEEK: Friday WEATHER: Clear

SPEED VEHICLES SURVEYED TOTAL CUML. % OF TOTAL (MPH) **EASTBOUND** WESTBOUND VFH % 100% 0 0% 0% 100% 0 0% 100% 0 100% 0 100% 0 100% 0% 100% 0 0% 100% 0 100% 100% 0 0 0% 100% 0 0% 100% 100% 0 100% 100% 0 100% 0 100% 0 0 100% 0% 100% 0 0% 100% 0 0% 100% 0 ΧХ 2 100% 100% 99% 0% X X X0% 99% 99% 14 2% XXXXXXXXXXXXXX xxxxxxxxxxxxxx 21 xxxxxxxxxxxxxx 21 93% 3% 90% xxxxxxxxxxxxxx 20 30 4% 87% 5% 83% 31 x x x x x x x x x x x x x x x x x 5% 78% xxxxxxxxxxxxxxx 31 xxxxxxxxxxxxxxxxx 33 Α 69% С xxxxxxxxxxxxxxxxxx 26 Ε 6% 65% |xxxxxxxxxxxxxxxxxxxxxxxxxx 42 6% 59% 41 6% 52% 40 6% 46% xxxxxxxxxxxxxxxxxxxxxxxxx 37 41% XXXXXXXXXX ΧХ 12 39% XXXXXXX 21 xxxxxxxxxxxxx 5% 36% XXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX (xxxxxxxxxxxxxxx 7% 31% 4% 24% XXXXXX x x x x x x x x x x x x x x x 3% 20% x x x x x x x x x x x x x x x X X Xx x x x x x x x x x x x x x x 2% 13% X X X X X X X X X X X X X X X X xxxxxxxxxxx 3% 11% XXXXXXXXXXX 23 3% 7% 20 x x x x x x x x x x x x x x x ΧХ x x x x x x x x x x x x x x x 26 4% 4%

LOCATION: **AVENIDA PICO** El Camino Real to Calle De Los Molinos

ROAD CHARACTERISTICS:

Width (ft): 82 - 85 Sidewalks/Driveways: On-Street Parking: no No. of Lanes for Both Directions: Horizontal Alianment Design Speed: 45 MPH Crosswalks: yes

Vertical Alignment Design Speed: 45 MPH Traffic Controls: Traffic signal lights at Los Molinos, Hermosa West and Reclamation

Plant.

ROADWAY CONDITIONS:

Lateral Visibility: Driveway Density: medium good Surface Condition: Ped.& Bicycle Activity:

AVERAGE DAILY TRAFFIC: 12,000 SEGMENT LENGTH (ft): 2,620

accidents per million **ACCIDENTS 3-YR TOTAL:** ACCIDENT RATE: 12 vehicles miles (1/1/2015 - 12/31/2017)Avg. Accident Rate in District 12: 1.48

EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH

[
85TH %:	34	MPH	10 MPH PACE:	27 - 36 MPH
50TH %:	27	MPH	% IN PACE:	49%
15TH %:	19	MPH	% OVER PACE:	10%
AVERAGE SPEED:	28	MPH	% UNDER PACE:	41%

COMMENTS AND/OR RECOMMENDATIONS:

This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). A speed limit posting of 35 MPH is found to be appropriate and justified.

OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek

RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE

PER CVC 40802, SURVEY EXPIRES: 11/30/2023

2

671

100%

0%



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/30/18 TIME START: 11:35AM TIME STOP: 12:35PM DAY OF WEEK: Friday WEATHER: Clear

SPEED	VEHICLES SURVEYED	TOTAL		
(MPH)	EASTBOUND WESTBOUND	VEH	% OF TOTAL CUML.	LOCATION: AVENIDA PICO
65		0	0% 100%	Calle De Los Molinos to Calle Frontera/Avenida Presidio
64		0	0% 1007	Cano Do Ess Monnos to Cano i Toritora// Worlida i Tosidio
63		0	0% 100%	ROAD CHARACTERISTICS:
62		0	0% 100%	Width (ft): 102-134' Sidewalks/Driveways: yes
61		0	0% 100%	No. of Lanes for Both Directions: 6-7 On-Street Parking: no
60		0	0% 100%	Horizontal Alignment Design Speed: 45 MPH Crosswalks: yes
59		0	0% 100%	Vertical Alignment Design Speed: 45 MPH Traffic Controls: Traffic signal lights at Los Molino
58		0	0% 100%	High School Entrance/Exit and a
57		0	0% 100%	Presidio
56		0	0% 100%	ROADWAY CONDITIONS:
55		0	0% 100%	Lateral Visibility: good Driveway Density: high
54		0	0% 100%	Surface Condition: good Ped.& Bicycle Activity: high
53		0	0% 100%	
52		0	0% 100%	
51		0	0% 100%	AVERAGE DAILY TRAFFIC: 46,000 SEGMENT LENGTH (ft): 3,500
50	X	1	0% 100% 0% 100%	
49 48	x x	2	0% 1009	
47	<u>^</u>	0	0% 100%	ACCIDENTS 3-YR TOTAL: 31 ACCIDENT RATE: 0.93 accidents per mill
46	x x	2	0% 100%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.48 vehicles miles
45	XXXXXXXXX	10	1% 99%	5
44	xxxx	4	0% 98%	EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH
43		0	0% 98%	
42	xxxxxxxxxxxx	14	1% 98%	
41	XXXXXXXXXXXXX XXXXXXXXXXXXXXXX	32	3% 97%	
40	x x x x x x x x x x x x x x x x x x x	38	4% 93%	85TH %: 37 MPH 10 MPH PACE: 28 - 37 MPH
39	x x x x x x x x x x x x x x x x x x x	26	3% 90%	
38	x x x x x x x x x x x x x x x x x x x		4% 87%	50TH %: 31 MPH % IN PACE: 56%
37	X X X X X X X X X X X X X X X X X X X		5% 83% 5% 78%	* 457144 04 MPU 04 OVER RADE 4704
36 35	x x x x x x x x x x x x x x x x x x x		6% 73%	* 15TH %: 24 MPH % OVER PACE: 17%
34	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx		6% 67%	P AVERAGE SPEED: 31 MPH % UNDER PACE: 27%
33	X X X X X X X X X X X X X X X X X X X		5% 62%	AVERAGE SPEED: ST WITT MORDER PAGE.
32	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		6% 57%	c
31	xxxxxxxxxxxxxxxxxxxxxxxx		6% 51%	E COMMENTS AND/OR RECOMMENDATIONS:
30	xxxxxxxxxxxxxxxxxxxxxxxx	(60	6% 45%	*
29	x x x x x x x x x x x x x x x x x x x	(60	6% 39%	* This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
28	xxxxxxxxxxxxxxxxxxxxxxxx		6% 33%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
27	xxxxxxxxxx xxxxxxxxxxxxxxxxxxxxxxxxxxx		4% 27%	Devices (CA MUTCD). A speed limit posting of 35 MPH is found to be appropriate and justified.
26	xxxxxxxxx		4% 23%	Devices (G/TWOTOD). // Speed with posting of 30 Will This found to be appropriate and justined.
25			6% 19% 4% 13%	
24 23	XXXXXXXXXXX		4% 137	
23		16	2% 5%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
21	XXXXXXXXXXXXX	14	1% 49	
20	XXX	6	1% 2%	
19	XXXXX	6	1% 29	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18	xxx	3	0% 1%	
17	x x	2	0% 1%	
16		0	0% 0%	PER CVC 40802, SURVEY EXPIRES: 11/30/2023
15	xxxx	4	0% 0%	
	OTAL NUMBER OF VEHICLES = 998	998	100%	



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 2/20/19 TIME START: 12:00 PM TIME STOP: 12:20 PM
DAY OF WEEK: Wednesday WEATHER: Clear

SPEED	VEHICLES	SURVEYED	TOTAL					•	
(MPH)	EASTBOUND	WESTBOUND	VEH	% OF TOTAL CUML.	%	LOCATION: AVENIDA PICO)		
65			0	0% 100%	7			esidio to Calle Amanecer	
64			0	0% 100%		Calle i Torritera /	Aveniua F16	Sidio to Calle Alliallecel	
63			0	0% 1007		ROAD CHARACTERISTICS:			
62	x	x	2	1% 100%	_	Width (ft):	102	Sidewalks/Driveways:	yes
61			0	0% 99%		No. of Lanes for Both Directions:		On-Street Parking:	
60		x	1	0% 99%	6	Horizontal Alignment Design Speed:		Crosswalks:	
59		хх	2	1% 99%		Vertical Alignment Design Speed:		Traffic Controls:	Traffic signals at Ave. Presidio, Cl
58		x	1	0% 98%					Del Cerro, and Cl Amanecer
57		XXX	3	1% 97%		DOADWAY CONDITIONS			
• • •	X		1	0% 96%	_	ROADWAY CONDITIONS:		.	
		ХX	4	2% 96%	_	Lateral Visibility:		Driveway Density:	
		XXXXX	8	3% 94%	6	Surface Condition:	:good	Ped.& Bicycle Activity:	high
53	хх	xxxx	6	3% 90%	6				
52		xxxx	9	4% 88%					
		x x x x x x x x	12	5% 84%		AVERAGE DAILY TRAFFIC:	43,300	SEGMENT LENGTH (ft):	3,500
		x x x x x x x x x	13	6% 79%					
		X X X X X X X X X X X X X X X X X X X	22	10% 73% 8% 63%					
	X	X X X X X X X X X X X X X X X X X X X	18 27	12% 55%		ACCIDENTS 3-YR TOTAL:	11	ACCIDENT RATE:	0.35 accidents per million
		X X X X X X X X X X X	15	7% 44%		(1/1/2015 - 12/31/2017)		Avg. Accident Rate in District 12:	0.00
		XXXXXXXX	19	8% 37%		(1/1/2010 12/01/2011)		7.0 g. Addidon Rate in District 12.	11.10
		XXXXXXXXXX	25	11% 29%		EXISTING SPEED LIMIT:	45 MPH	APPROVED SPEED LIMIT:	45 MPH
		XXXXXXXXXXX	16	7% 18%	-	LATORING OF LED LIMIT.		ALL NOVED OF LED LIMIT.	
		XXXXX	11	5% 11%					
41	~~~~	x	1	0% 6%	_				
	xxx	x	4	2% 6%		85TH %: 51	MPH	10 MPH PACE:	42 - 51 MPH
		хх	4	2% 4%				-	
	x		1	0% 2%		50TH %: 46	MPH	% IN PACE:	78%
	xxx	x	4	2% 2%					
36			0	0% 0%		15TH %: 42	MPH	% OVER PACE:	16%
35			0	0% 0% 0% 0%		AVEDAGE SPEED: 47	MDL	9/ LINDER RACE-	6%
34 33			0	0% 0%		AVERAGE SPEED: 47	MPH	% UNDER PACE:	U 70
33 32			0	0% 07	-				
32 31			0	0% 0%	_	COMMENTS AND/OR RECOMMENDA	TIONS:		
30		 	0	0% 0%		This speed zone satisfies the condit		on 627 of the California Vehicle Co	de (CVC) and has
29			0	0% 0%	6	been prepared and evaluated in acc			
28			0	0% 0%		Devices (CA MUTCD). Based on ge			
27			0	0% 0%					
26			0	0% 0%		establishments, Class 2 bike lanes,	and multimo	uai activity, a speed ilmit posting of	45 IVIPH TOUTIO TO DE
25			0	0% 0% 0% 0%		appropriate and justified.			
24			0	0% 0% 0% 0%					
23 22			0	0% 09		OBSERVED BY: Transportation S	Studies Inc	STUDY PREPARED BY:	Jane Mrotek
22			0	0% 0%	_	Transportation C	2.44.00, 1110.	C.OD. I INC. ANED DI.	Carrotter Carrotter
20			0	0% 0%					
19		 	0	0% 0%	_	RECOMMENDATION APPROVED BY:	Nest	or Mangohig, PE, TE, PTOE	
18			0	0% 0%					-
17			0	0% 0%	6				
16			0	0% 0%	6	PER CVC 40802, SURVEY EXPIRES:	2/20/2	024	
15			0	0% 0%		·			
TC	OTAL NUMBER OF VEHICLES =	229	229	100%	1				
									



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 2/20/19 TIME START: 11:30 AM TIME STOP: 11:45 AM WEATHER: Cloudy

SPEED (MPH) 65 64 63 62 61	EASTBOUND EASTBOUND	SURVEYED WESTBOUND	TOTAL VEH	% OF CUML.	LOCATION:	A. (E. III.) A. D. (
65 64 63 62	EASTBOUND	WESTBOUND	VEH .	TOTAL 9/						
64 63 62					LOCATION.	AVENIDA PIO				
63 62			0	0% 100%		Calle Amaneo	cer to Avenida La Pata	а		
62			0	0% 100%						
			0	0% 100%	ROAD CHARACTER	RISTICS:				
61			0	0% 100%		Width (alks/Driveways:	yes
			0	0% 100%		for Both Direction		On-	Street Parking:	no
60			0	0% 100%		ment Design Spee			Crosswalks:	yes
59			0	0% 100%	Vertical Alignr	ment Design Spee	ed: 45 MPH	7	raffic Controls:	Signalized at Calle Amanecer an
58			0	0% 100%						Ave. Pico
57 X			1	0% 100% 0% 100%	DO A DWAY CONDIT	TIONO				
56			0		ROADWAY CONDIT			_		
	X		2	1% 100%		Lateral Visibili			veway Density:	low
	X		2	1% 99%		Surface Conditi	on:good	Ped.&	Bicycle Activity:	medium
53 X		X	2	1% 98%						
52		X	1	0% 97%						
51 X		XXXXX	7	3% 96%	AVERAGE DAILY T	RAFFIC:	29,000	SEGMEN	Γ LENGTH (ft):	3,550
	XXXXX	XX	8	4% 93% *						
	XX	XXX	6	3% 89% * 6% 86% *						
	XXXX	X X X X X X X X X X X X X X X X X X X	12 17	8% 80% P	ACCIDENTS 3-YR T	OTAL ·	7	400	CIDENT RATE:	0.33 accidents per million
	XXXXXXXXXXXXX	XXXXXXXX	22	11% 72% A	(1/1/2015 - 12/31/201			Avg. Accident Ra		1.48 vehicles miles
_	XXXXXX	XXXXXXXXXX	18	9% 62% C	(1/1/2013 - 12/31/20	17)		Avg. Accident Na	le in District 12.	1.46
	XXXXXX	XXXXXXXXXXXX	21		EXISTING SPEED L	IMIT.	45 MPH	ADDDOVED	CDEED LIMIT.	45 MDII
_				10% 53% E	EXISTING SPEED L	.IIVIII:	45 WPH	APPROVED	SPEED LIMIT:	45 IVIPH
	XXXXXXXXXX	XXXXX	17	8% 43% * 9% 35% *						
	XXXXXXX	XXXXXXXXX	19	10% 26% *						
	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 X X X X X X X X X X	21 8	4% 16%	85TH %:	47	MPH	10 MPH PACE:		44 50 MDH
	XXXX	XXX	6	3% 12%	831H %:	47	WPH	10 MPH PACE:		41 - 50 MPH
	XXX	XXXXX	9	4% 9%	50TH %:	43	MPH	% IN PACE:		77%
	XXXX	x x x x	6	3% 5%	J0111 /0.	45	IVIF I I	/0 IN FACE.		1176
	XXX	x	4	2% 2%	15TH %:	40	MPH	% OVER PACE:		7%
35			0	0% 0%	10111 701			70 O V Z.K 1 71 O Z.		7.70
34			0	0% 0%	AVERAGE SPEED:	44	MPH	% UNDER PAC	E:	16%
33			0	0% 0%						
32			0	0% 0%						
31			0	0% 0%	COMMENTS AND/O	OR RECOMMEND	DATIONS:			
30			0	0% 0%						
29			0	0% 0%	This speed zone s	atisfies the con-	ditions of Section 627	of the California	Vehicle Code	(CVC) and has been
28			0	0% 0%	prepared and eval	uated in accord	lance with the Californ	ia Manual on Uni	form Traffic C	ontrol Devices (CA
27			0	0% 0%	1 1 1		45 MPH is found to b			
26			0	0% 0%	I Wio (OD). A spece	i iii iii postii ig oi	45 Wil 1113 Tourid to b	c appropriate and	i justificu.	
25			0	0% 0% 0% 0%						
24			0	0% 0% 0% 0%						
23 22			0	0% 0%	OBSERVED BY:	Transportation	n Studies, Inc.	STUDY PRE	PARED RV.	Jane Mrotek
22			0	0% 0%	COOLKYLD DI.	Tanaportatio	ii Otaaloo, iiio.		AKEDDI.	Carlo Milotok
20			0	0% 0%						
19			0	0% 0%	RECOMMENDATION	N ADDROVED D	Y: Nestor Mangohig,	PE TE PT∩E		
18			0	0% 0%	RECOMMENDATION	IN ACTIONED B	i. ivestor manyonig,	I L, IL, FIOE		
17			0	0% 0%						
		 	0		DED CVC 40000 CI	IDVEY EVDICES	. 2/20/2024			
16				0% 0% 0% 0%	PER CVC 40802, SU	JKVET EXPIRES	2/20/2024			
15	TAL NUMBER OF VEHICLES	200	0							
TOT	TAL NUMBER OF VEHICLES =	: 209	209 1	00%						



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 2/20/19 TIME START: 11:45 AM TIME STOP: 12:00 PM

	ALIFORNIA	SPEED LIMIT - ENGI		ING & INAI	DAY OF WEEK: Wednesday WEATHER: Cloudy
SPEED	VEHICLI	ES SURVEYED	TOTAL	% OF CUML.	
(MPH)	EASTBOUND	WESTBOUND	VEH	TOTAL %	LOCATION: AVENIDA PICO
65		x	1	0% 100%	Avenida La Pata to Avenida Vista Hermosa
64			0	0% 100%	
63			0	0% 100%	ROAD CHARACTERISTICS:
62	X		1	0% 100%	Width (ft): 102 Sidewalks/Driveways: yes_
61			0	0% 99%	No. of Lanes for Both Directions: 6 On-Street Parking: no
60	X		1	0% 99% 0% 99%	Horizontal Alignment Design Speed: 65 MPH Crosswalks: yes
59 58		+++++++++++++++++++++++++++++++++++++++	0	0% 99%	Vertical Alignment Design Speed: 65 MPH Traffic Controls: Signalized at Ave La Pata and at
56 57			0	0% 99%	Ave Vista Hermosa
	xxx		3	1% 99%	ROADWAY CONDITIONS:
55	хх	x	3	1% 97%	Lateral Visibility: good Driveway Density: low
54	XXX	x	4	2% 96%	Surface Condition: good Ped.& Bicycle Activity: low
53		Ŷ	2	1% 94%	Surface Conditiongood
52	XX	xxx	6	3% 93%	
51	X	XXXXXXXXX	11	5% 90%	AVERAGE DAILY TRAFFIC: 21,200 SEGMENT LENGTH (ft): 2,880
	ХX	XXXX	6	3% 84%	
49	XXXXX	XXXXX	11	5% 81%	*
48	X X X X X X X X	XXXXX	14	7% 76%	* ACCIDENTS 3-YR TOTAL: 5 ACCIDENT RATE: 0.30 accidents per million
	X X X X X X X X X	XXXXXXX	17	8% 69% *	ACCIDENT NATE: 0.00
	XXXXXX	XXXXXXX	14	7% 60% F	P (1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.48 vehicles miles
	XXXXXX	XXXXXXXXXXXXXX	22	<u> </u>	
	x x x x x x	xxxx	11		EXISTING SPEED LIMIT: 50 MPH APPROVED SPEED LIMIT: 50 MPH
	XXXXX	XXXXXXXXXXX	18		E
	XXXX	XXXXXXXXX	14	7% 28% * 6% 21% *	*
41 40	X	X X X X X X X X X X X X X X X X X X X	13 8	4% 15%	* 85TH %: 50 MPH 10 MPH PACE : 40 - 49 MPH
40 39	\$^^^	XXXXX	6	3% 11%	051H 76: 30 WIPH 10 WIPH FACE: 40 - 49 WIPH
38	XX	XXXXX	7	3% 8%	50TH %: 44 MPH % IN PACE : 70%
37	xxx	хх	5	2% 4%	
36		хх	2	1% 2%	15TH %: 40 MPH % OVER PACE : 19%
35		X	1	0% 1%	
34			0	0% 0%	AVERAGE SPEED:45 MPH % UNDER PACE:11%
33	X		1	0% 0%	
32			0	0% 0% 0% 0%	COMMENTO AND COR DECOMMEND A TIONS
31 30		+++++++++++++++++++++++++++++++++++++++	0	0% 0%	COMMENTS AND/OR RECOMMENDATIONS:
30 29		 	0	0% 0%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
28		 	0	0% 0%	
27		 	0	0% 0%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
26			0	0% 0%	Devices (CA MUTCD). A speed limit posting of 50 MPH is found to be appropriate and justified.
25			0	0% 0%	
24			0	0% 0%	
23			0	0% 0%	ORSEDVED BY. Transportation Studies Inc. CTUDY DEPARED BY. Inc. Mestals
22		+++++++++++++++++++++++++++++++++++++++	0	0% 0% 0% 0%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
21 20		+++++++++++++++++++++++++++++++++++++++	0	0% 0%	
20 19		 	0	0% 0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18		 	0	0% 0%	
17		 	0	0% 0%	
16			0	0% 0%	PER CVC 40802, SURVEY EXPIRES: 2/20/2024
15		 	0	0% 0%	
	OTAL NUMBER OF VEHICLES	3 = 202	202		
					



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/30/18 TIME START: 2:55PM TIME STOP: 3:55PM

DAY OF WEEK: Friday WEATHER: Clear

SPEED	VEHIOLE	S SURVEYED	TOTAL	% OF	CUML.		
(MPH)	EASTBOUND	WESTBOUND	VEH	TOTAL	%	LOCATION: AVENIDA PICO	
65			0	0%	100%	Avenida Vista H	ermosa
64			0	0%	100%		
63			0	0%	100%	ROAD CHARACTERISTICS:	
62			0	0%	100%	Width (ft):	102
61			0	0%	100%	No. of Lanes for Both Directions:	2 -
60	ХX		2	0%	100%	Horizontal Alignment Design Speed:	65 N
59	X	X	2	0%	100%	Vertical Alignment Design Speed:	65 M
58	X		1	0%	99%		
57			0	0%	99%		
56	x x x x x x x x x x x x		12	2%	99%	ROADWAY CONDITIONS:	
55	xxxxxxxxxxxxx	X	15	3%	97%	Lateral Visibility:	god
54			0	0%	93%	Surface Condition:	god
53	xxxxxxxx		9	2%	93%		
52	xxxxxxxxxx		11	2%	92%		
51	xxxxxxxxx	ХX	12	2%	89%	AVERAGE DAILY TRAFFIC:	12,6
50	XXXXXXXXXXXX	XXXXXXXX	22	5%	87%		
49	xxxxxxxxxxxx	xx	19	4%	82%	*	
48	*****	XXXXXXXXXX	41	8%	78%		
47	xxxxxxxxxxxxx	XX	24	5%	70%	* ACCIDENTS 3-YR TOTAL:	5
46	XXXXX		6	1%	65%	P (1/1/2015 - 12/31/2017)	
45	xxxxxxxxxxxx	xxxxxxxxxxxxxx	42	9%	64%	A	
44	xxxxxxxxxx	xxx	14	3%	55%	C EXISTING SPEED LIMIT:	50 N
43	x	XXXXX	7	1%	52%	E	
42	XXXXXXXX	XXXXXX	16	3%	51%	*	
41	xxxxxxxxxxxxx	xxxxxxxxxxxxxx	35	7%	48%	*	
40	xxxxxxxxxxxxx	xxxxxxxxxxxxx	28	6%	40%	* 85TH %: 49	MPH
39	XXXXX	XXXXX	10	2%	35%		
38	ХX	x x x x x x x x	10	2%	33%	50TH %: 42	MPH
37	x x x x x x x x x x x x	x x x x x x x x	20	4%	30%		
36		x x x x x x x x x x x x x x x x	15	3%	26%	15TH %: 31	MPH
35	XXXXXXXX	XXXX	13	3%	23%		
34	XXXXX	XXXX	10	2%	21%	AVERAGE SPEED: 42	MPH
33	X	XXXXXXXX	10	2%	19%		
32		XXXX	5	1%	16%		
31	X	XXXXX	6	1%	15%	COMMENTS AND/OR RECOMMENDAT	TIONS:
30	ХX	ХX	4	1%	14%		
29	X	XXXXXX	8	2%	13%	This speed zone satisfies the conditi	ons of
28	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	X	1	0% 6%	12% 12%	been prepared and evaluated in acco	ordanc
27	X X X X X X X X X X X X X X X X X X X		30	1%	5%	Devices (CA MUTCD). A speed limit	postin
26	X	XXX	4	2%	5%		p
25	XXX	XXXXXXX	11	2% 0%	2%		
24			0	0%	2%		
23 22		X X	1	0%	2%	OBSERVED BY: Transportation S	Studies
22		XXX	3	1%	2%	Transportation C	radios
20	хх	XXX	4	1%	1%		
20 19			0	0%	0%	RECOMMENDATION APPROVED BY:	1
18			0	0%	0%		
17	x		1	0%	0%		
16			0			DED CVC 40002 SUBVEY EVERES	1
10			U	0%	0% 0%	PER CVC 40802, SURVEY EXPIRES:	
15		v l	-	0%			

		·		
LOCATION: AVENIDA PICO Avenida Vista H	ermosa to E	ast City Limit		
ROAD CHARACTERISTICS:				
Width (ft):	102	Sidewalks/Driveways:	ves	
No. of Lanes for Both Directions:	2 - 6	On-Street Parking:	no	
Horizontal Alignment Design Speed:	65 MPH	Crosswalks:	yes	
Vertical Alignment Design Speed:	65 MPH	Traffic Controls:	Traffic sig	nals at Ave Vista
				Cl Alicante, and
			Celosia	
ROADWAY CONDITIONS:				
Lateral Visibility:	good	Driveway Density:		
Surface Condition:	good	Ped.& Bicycle Activity:	low	
AVERAGE DAILY TRAFFIC:	12,600	SEGMENT LENGTH (ft):	5,149	
ACCIDENTS 3-YR TOTAL:	_	ACCIDENT DATE	0.07	accidents per million
(1/1/2015 - 12/31/2017)	5	ACCIDENT RATE: Avg. Accident Rate in District 12:	0.37 1.48	vehicles miles
(1/1/2013 - 12/31/2017)		Avg. Accident Nate in District 12.	1.40	
EXISTING SPEED LIMIT:	50 MPH	APPROVED SPEED LIMIT:	50 MPH	
85TH %: 49	MPH	10 MPH PACE:	40 - 49	MPH
50TH %: 42	MPH	% IN PACE:	48%	

85TH %:	49	MPH	10 MPH PACE:	40 - 49 MPH
50TH %:	42	MPH	% IN PACE:	48%
15TH %:	31	MPH	% OVER PACE:	18%
AVERAGE SPEED:	42	MPH	% UNDER PACE:	35%

of Section 627 of the California Vehicle Code (CVC) and has ice with the California Manual on Uniform Traffic Control ing of 50 MPH is found to be appropriate and justified.

STUDY PREPARED BY: Jane Mrotek s, Inc.

Nestor Mangohig, PE, TE, PTOE

11/30/2023



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/10/18 TIME START: 9:00AM TIME STOP: 12:00PM

DAY OF WEEK: Monday WEATHER: Clear

SPEED	D VEHICLES SURVEYED		TOTAL	% OF CUML.						
(MPH)	EASTBOUND	WESTBOUND		% OF OTAL %		LOCATION: PORTICO DEL SUR / PORTICO DEL NORTE				
65			0	0% 100	%	Camino De Los Mares west to Camino De Los Mares east				
64			0	0% 100						
63			0	0% 100		ROAD CHARACTERISTICS:				
62			0	0% 100		Width (ft): 40 Sidewalks/Driveways: yes				
61			0	0% 100 0% 100		No. of Lanes for Both Directions: 2 On-Street Parking: yes (limited)				
60 59			0	0% 100 0% 100		Horizontal Alignment Design Speed: 35 MPH Crosswalks: yes Vertical Alignment Design Speed: 35 MPH Traffic Controls: Signalized at Cam. De Los Mares				
59 58			0	0% 100						
57			0	0% 100		(east)				
56			0	0% 100	%	ROADWAY CONDITIONS:				
55			0	0% 100	%	Lateral Visibility: limited Driveway Density: low				
54			0	0% 100	_	Surface Condition: good Ped.& Bicycle Activity: low				
53			0	0% 100		- Cara Disjust Naturally - Cara Disjust Natural - Cara Disj				
52			0	0% 100	%					
51			0	0% 100		AVERAGE DAILY TRAFFIC: 2,200 SEGMENT LENGTH (ft): 5,450				
50			0	0% 100						
49			0	0% 100 0% 100						
48 47		V	0	1% 100		ACCIDENTS 3-YR TOTAL: 0 ACCIDENT RATE: 0.00 accidents per million				
46		1	1	1% 100		(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 0.00 vehicles miles				
45		xxx	3	3% 98		(W12010 12101/2017)				
	(X X	xxx	6	6% 95		EXISTING SPEED LIMIT:35 MPH APPROVED SPEED LIMIT: 35 MPH_				
43	XXX	xxx	6	6% 89						
	(X X X X	ХX	7	7% 83		*				
	XXX	XXXX	8	8% 76						
	XXXXX	XXX	9	9% 68 8% 59		* 85TH %: 42 MPH 10 MPH PACE : 33 - 42 MPH				
	(XXX	8	8% 59 8% 51	, -					
	XXXX	xxx	6	6% 43						
	X	XXXXX	7	7% 37						
	XXX	xxxx	8	8% 30	% *	*				
	(X X X	XXXX	8	8% 22		* AVERAGE SPEED: 38MPH % UNDER PACE:7%				
	(X X	XXXX	7	7% 14		*				
32		xxxx	5		%					
31 30			0		% %	COMMENTS AND/OR RECOMMENDATIONS: This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has				
29	,		1		%					
28			0		%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control				
27			0		%	Devices (CA MUTCD). Based on the street geometric design, including horizontal and vertical				
26			0		%	curvature, and access to several residential tracts, a speed limit posting of 35 MPH is found to be				
25			1		%	appropriate and justified.				
24			0		%					
23			0		% %	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek				
22 21			0		%	OBSERVED ST. Transportation Studies, Inc. STORY FREFARED ST. Jane Wildek				
20			0		%					
19		 	0		%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE				
18			0	0%	%					
17			0	0%	%					
16			0	0%	%	PER CVC 40802, SURVEY EXPIRES: 12/10/2023				
15			0		%					
TO	TAL NUMBER OF VEHICLE	S = 100	100 1	00%						



SPEED

(MPH)

65

64

63

62

61

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55

54

53 52

51

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CITY OF SAN CLEMENTE

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 2/19/19 TIME START: 10:30 AM TIME STOP: 12:00 PM DAY OF WEEK: Tuesday WEATHER: Clear

VEHICLES SURVEYED TOTAL CUML. % OF VEH TOTAL % NORTHBOUND SOUTHBOUND LOCATION: **AVENIDA DEL PRESIDENTE** 0 0% 100% Avenida Valencia to Avenida Califia 0% 100% 0 100% 0 ROAD CHARACTERISTICS: 100% 0 Width (ft): Sidewalks/Driveways: 100% yes No. of Lanes for Both Directions: 2 On-Street Parking: 0 (limited) 0 100% Horizontal Alignment Design Speed: 35 MPH Crosswalks: yes 0% 100% 0 Vertical Alignment Design Speed: 40 MPH Traffic Controls: 11 stops on the side streets from 0% 100% 0 Avenida Valencia to Avenida 100% 100% **ROADWAY CONDITIONS:** 0 0 0% 100% Lateral Visibility: Driveway Density: medium good 0 0% 100% Surface Condition: Ped.& Bicycle Activity: medium good 0% 100% 0 0 100% 0 **AVERAGE DAILY TRAFFIC:** 3,500 SEGMENT LENGTH (ft): 4,000 100% 0 100% 0 0 100% accidents per million **ACCIDENTS 3-YR TOTAL:** 1% 100% ACCIDENT RATE: 2% 99% vehicles miles ΧХ 2 (1/1/2015 - 12/31/2017)Avg. Accident Rate in District 12: 1.10 0% 97% 0 0% 97% **EXISTING SPEED LIMIT:** 30 MPH APPROVED SPEED LIMIT: 30 MPH 0 97% 0% 97% 0 4% 97% ххх 4 1% 93% 85TH %: 37 MPH 10 MPH PACE: 29 - 38 MPH 2% 92% 2 90% XXXX 6 50TH %: 32 MPH % IN PACE: 73% ххх ΧХ 5 5% 85% 4% 80% 15TH %: MPH % OVER PACE: ΧХ 4 27 10% 12% 76% $x \times x \times x$ **XXXXXXXX** 13 X X X X X10% 64% 17% x x x x x10 AVERAGE SPEED: 33 MPH % UNDER PACE: 8% 54% C XXXX XXXX 8 47% X X X XX X X X X9 38% COMMENTS AND/OR RECOMMENDATIONS: X X X XX X X X8 30% X X X XΧХ 6 This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been X X X XX X X X8% 25% 8 prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA 5 5% 17% ххх MUTCD). Based on the residential driveway density fronting the street, access to Concordia Elementary 4% 12% X X X4 School and beach areas to the west, Class 2 bike lanes and multimodal activity, a speed limit posting of 30 9% 3 MPH found to be appropriate and justified. 3% 6% ΧХ 3 3% 0% 2% OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek 1% 2% 1% 0% 0 RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE 0% 0 0 0% 0% 0% 0% 0 0 0% 0% PER CVC 40802, SURVEY EXPIRES: 2/19/2024 Ω 0% TOTAL NUMBER OF VEHICLES = 105 105 100%



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/19/18 TIME START: 11:04AM TIME STOP: 12:04PM WEATHER: Sunny

PEED		VEHI	CLES SURVEYED	TOTAL	% OF	CUML.
MPH)		NORTHBOUND	SOUTHBOUND	VEH	TOTAL	%
65				0	0%	100%
64	ш			0	0%	100%
63	ш			0	0%	100%
62	$\perp \downarrow \downarrow \downarrow$			0	0%	100%
61	\perp			0	0%	100%
60	\perp			0	0%	100%
59	$\perp \perp \perp$			0	0%	100%
58	$\perp \perp \perp$			0	0%	100%
57	+++			0	0%	100%
56	++++			0	0%	100%
55				0	0%	100%
54				0	0%	100%
53				0	0%	100%
52				0	0%	100%
51				0	0%	100%
50				0	0%	100%
49				0	0%	100%
48				0	0%	100%
47				0	0%	100%
46	$\perp \downarrow \downarrow \downarrow$			0	0%	100%
45	ш			0	0%	100%
44				0	0%	100%
43				0	0%	100%
42			X	1	1%	100%
41				0	0%	99%
40	$\perp \downarrow \downarrow \downarrow$		ХX	2	2%	99%
39	$\perp \downarrow \downarrow \downarrow$			0	0%	97%
38	Х			1	1%	97%
37	хх		XXXXX	7	7%	96%
36	X		X	2	2%	89%
35	XX		XXXXX	7	7% 5%	87% 80%
34	XXX		XX	5	5% 6%	75%
33	XX		XXXX	6	8%	69%
32 31	XXX	, v	XXXXX	8	10%	61%
	XXXX		XXXXX	10	10%	51%
30 29	XXXX		XXXXXX	10	6%	42%
29 28	x ^ ^ /		xxxx	5	5%	36%
		(XXXX	x^^^	9	9%	31%
27 26	XXXX		x	2	2%	22%
26 25	XXX		xxx	6	6%	20%
25 24	XXX		XX	4	4%	14%
24 23	XX		xx	4	4%	10%
23 22	XX		100	2	2%	6%
22 21	X		x	2	2%	4%
20	^		 	0	0%	2%
19				0	0%	2%
18	хх			2	2%	2%
17				0	0%	0%
16	\Box			0	0%	0%
	+++				0%	0%
15 T	OTA: :::	IMPED OF VELUE	TS 101	0		076
	U FAL NI	JMBER OF VEHIC	L ES = 101	101	100%	

LOCATION:	AVENIDA DEL Avenida Califia	PRESIDENTE to Cristianitos Roa	d	
Horizontal Alignm	Width (ft): Width (ft): for Both Directions: nent Design Speed: nent Design Speed:	2 35 MPH	Sidewalks/Driveways: On-Street Parking: Crosswalks: Traffic Controls:	yes (limited)
ROADWAY CONDITI	ONS: Lateral Visibility: Surface Condition:		Driveway Density: Ped.& Bicycle Activity:	
AVERAGE DAILY TR	AFFIC:	5,100	SEGMENT LENGTH (ft):	:5,500
ACCIDENTS 3-YR TO (1/1/2015 - 12/31/201		3	ACCIDENT RATE: Avg. Accident Rate in District 12:	
EXISTING SPEED LI	MIT:	30 MPH	APPROVED SPEED LIMIT:	30 MPH
85TH %:	34	MPH	10 MPH PACE:	27 - 36 MPH
50TH %:	29	MPH	% IN PACE:	67%
15TH %:	24	MPH	% OVER PACE:	11%
AVERAGE SPEED:	30	MPH	% UNDER PACE:	22%
been prepared and	atisfies the condit evaluated in acc CD), with applicat	ions of Section 627 cordance with the Cion of CVC Section	7 of the California Vehicle Cor california Manual on Uniform n 21400(b). A speed limit post	Traffic Control
OBSERVED BY:				
	Transportation S	Studies, Inc.	STUDY PREPARED BY:	Jane Mrotek

PER CVC 40802, SURVEY EXPIRES: 12/19/2023



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 3/13/19 TIME START: 10:35 AM WEATHER: 11:15 AM WEATHER: Clear

ED	EASTBOUND	WESTBOUND WESTBOUND	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**OF TOTAL	LOCATION: AVENIDA PRESIDIO El Camino Real to Calle Escuela ROAD CHARACTERISTICS: Width (ft): 40 No. of Lanes for Both Directions: 2 Horizontal Alignment Design Speed: 30 MPH Vertical Alignment Design Speed: 25 MPH ROADWAY CONDITIONS: Lateral Visibility: limited Surface Condition: good Sidewalks/Driveways: yes On-Street Parking: yes Yes Yes Traffic Controls: Stop signs at 23 intersections.
,			0 0 0 0 0 0 0 0 0 0 0 0	0% 100% 0% 100%	ROAD CHARACTERISTICS: Width (ft): 40 No. of Lanes for Both Directions: 2 Horizontal Alignment Design Speed: 30 MPH Vertical Alignment Design Speed: 25 MPH ROADWAY CONDITIONS: Lateral Visibility: limited Sidewalks/Driveways: yes On-Street Parking: yes Ves Traffic Controls: Stop signs at 23 intersections.
			0 0 0 0 0 0 0 0 0 0 0 0	0% 100% 0% 100%	ROAD CHARACTERISTICS: Width (ft): 40 No. of Lanes for Both Directions: 2 Horizontal Alignment Design Speed: 30 MPH Vertical Alignment Design Speed: 25 MPH ROADWAY CONDITIONS: Lateral Visibility: limited Sidewalks/Driveways: yes On-Street Parking: yes Crosswalks: yes Traffic Controls: Stop signs at 23 intersections.
			0 0 0 0 0 0 0 0 0 0 0	0% 100% 0% 100%	No. of Lanes for Both Directions: 2 Horizontal Alignment Design Speed: 30 MPH Vertical Alignment Design Speed: 25 MPH ROADWAY CONDITIONS: Lateral Visibility: limited Sidewalks/Driveways: yes On-Street Parking: yes Crosswalks: yes Traffic Controls: Stop signs at 23 intersections.
			0 0 0 0 0 0 0 0 0 0	0% 100% 0% 100%	No. of Lanes for Both Directions: 2 Horizontal Alignment Design Speed: 30 MPH Vertical Alignment Design Speed: 25 MPH ROADWAY CONDITIONS: Lateral Visibility: limited Sidewalks/Driveways: yes On-Street Parking: yes Crosswalks: yes Traffic Controls: Stop signs at 23 intersections.
			0 0 0 0 0 0 0 0 0	0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100%	No. of Lanes for Both Directions: 2 Horizontal Alignment Design Speed: 30 MPH Vertical Alignment Design Speed: 25 MPH ROADWAY CONDITIONS: Lateral Visibility: limited On-Street Parking: yes Crosswalks: yes Traffic Controls: Stop signs at 23 intersections.
			0 0 0 0 0 0 0 0	0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100%	Horizontal Alignment Design Speed: 30 MPH
			0 0 0 0 0 0 0	0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100%	Vertical Alignment Design Speed: 25 MPH Traffic Controls: Stop signs at 23 intersections. ROADWAY CONDITIONS: Lateral Visibility: limited Driveway Density: high
			0 0 0 0 0 0	0% 100% 0% 100% 0% 100% 0% 100% 0% 100% 0% 100%	ROADWAY CONDITIONS: Lateral Visibility: limited Driveway Density: high
			0 0 0 0 0 0	0% 100% 0% 100% 0% 100% 0% 100% 0% 100%	Lateral Visibility: limited Driveway Density: high
			0 0 0 0	0% 100% 0% 100% 0% 100% 0% 100%	Lateral Visibility: limited Driveway Density: high
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			0	0% 100%	
			0	00/ 1000/	
			0	0% 100%	AVERAGE DAILY TRAFFIC: 2,200 SEGMENT LENGTH (ft): 7,920
			U	0% 100%	
			0	0% 100%	
			0	0% 100%	ACCIDENTS 2 VP TOTAL accidents per million
			0	0% 100%	ACCIDENTS 3-TR TOTAL: 5 ACCIDENT RATE: 1.38 vehicles miles
			0	0% 100% 0% 100%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12:
#			0	0% 100%	EXISTING SPEED LIMIT: 25 MPH APPROVED SPEED LIMIT: 25 MPH
			0	0% 100%	EXISTING SPEED LIMIT. 23 WIFT
			0	0% 100%	
+++		lx	1	1% 100%	
		x	1	1% 99%	85TH %: 32 MPH 10 MPH PACE: 26 - 35 MPH
		хх	2	2% 98%	
		x	1	1% 97%	50TH %:30MPH % IN PACE:88%
			0	0% 96%	
Х		x x	3	2% 96%	15TH %:26 MPH % OVER PACE:6%
ХХ		XXXX	6	5% 94% *	* AVERAGE SPEED: 31 MPH % UNDER PACE: 6%
		XXX	3	2% 89% * 9% 86% *	* AVERAGE SPEED:31 MPH % UNDER PACE:6%
X	·	XXXXXXXXX	11		P
	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 X X X X X X X X X X	22 14		A COMMENTS AND/OR RECOMMENDATIONS:
	XXXXX	XXXXXXXX	15		Comments and/or recommendations. This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
	XXXXXXX	XXXXXXXX	18		been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
XXX		xx	5	4% 22% *	* Deen prepared and evaluated in accordance with the Camornia Manual on Ormorni Tranic Control
XXX		хх	5	4% 18% *	Devices (CA MUTCD). Based on geometric design of the street, residential driveway density,
XXX		xxxxx	10	8% 14% *	* proximity/access to San Clemente High School, areas with limited sight distance, and multimodal
X		XXXX	5	4% 6%	activity, a speed limit posting of 25 MPH is found to be appropriate and justified.
Х		x	2	2% 2%	
			0	0% 0%	ODDEDVED DV. Jose Medels
\perp			0	0% 0%	OBSERVED BY: Jane Mrotek STUDY PREPARED BY: Jane Mrotek
+			0	0% 0% 0% 0%	
++			0	0% 0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
+++			0	0% 0%	NOOD Mangong, 12, 12, 1102
			0	0% 0%	
		 	0	0% 0%	PER CVC 40802, SURVEY EXPIRES: 3/12/2024
++			0	0% 0%	I EN OVO TOUGE, SURVET EAFTRES.
TOTAL	AL NUMBER OF VEHICLES =	. 124	<u> </u>	100%	
TOTAL	IL MUNIDER OF VEHICLES =	147	124	. 55 /6	



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/18/18 TIME START: 2:00PM TIME STOP: 2:30PM
DAY OF WEEK: Tuesday WEATHER: Cloudy

SPEED	VEHICLES	SUBVEVED			DAT OF WEEK: Tuesday WEATHER: Clour
SPEED	VEHICLES		TOTAL	% OF	
(MPH)	EASTBOUND	WESTBOUND	VEH	TOTAL CUML. %	LOCATION: AVENIDA PRESIDIO
65			0	0% 100%	Calle Escuela to Avenida Pico
64			0	0% 100%	<u>6</u>
63			0	0% 100%	ROAD CHARACTERISTICS:
62			0	0% 100%	Width (it).
61			0	0% 100%	No. of Lanes for Both Directions: 2 On-Street Parking: yes
60			0	0% 100%	Tionzontar mignificati Dooign Opoda. Oo mir ii
59			0	0% 100%	Voluda 7 digital igit at Ave 1 ico.
58			0	0% 100%	
57			0	0% 100%	
56			0	0% 100%	and the second s
55			0	0% 100%	Lateral Visibility: limited Driveway Density: medium
54			0	0% 100%	Surface Condition: good Ped.& Bicycle Activity: high
53			0	0% 100%	6 · · · · · · · · · · · · · · · · · ·
52			0	0% 100%	6
51			0	0% 100%	
50			0	0% 100%	
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48			0	0% 100%	- 1
47			0	0% 100%	ACCIDENT RATE. 0.00
46			0	0% 100% 0% 100%	(17 17 20 12 17 20 17) 7 (17 17 20 10 10 11 21 21 21 21 21 21 21 21 21 21 21 21
45			0	0% 100%	
44 43			0	0% 100%	
43 42			0	0% 100%	
42			0	0% 100%	
40			0	0% 100%	
39	x		1	0% 100%	
38	x		1	0% 100%	
37			0	0% 99%	
36	X		1	0% 99%	6 15TH %: 22 MPH % OVER PACE: 12%
35	XXXXXX		7	3% 99%	
34	XXXX		4	2% 95%	AVERAGE SPEED: 27 MPH % UNDER PACE: 8%
33	XXXXX	X	6	3% 94%	
32	XXXX	X	6	3% 91%	
31	x x x x x x x x x x		10	5% 88%	00
30		X	13	6% 84%	This opera zerio cationed the contations of ecotion azi of the camornia veriore ecot (eve) and had
29	xxxxxxxxxxxxx		25	11% 78%	
28		XXXXXX	20	- 7	
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 X X X			
25 24		X X X X X X X X X X X X X X X X X X X	19 20	9% 35%	
24		*	9	4% 17%	
23		X X X X X X X X X X X	10	5% 13%	
21		XXXXXX	8	4% 8%	
20		XXXXXXX	8	4% 5%	
19	x	X	2	1% 1%	
18	''''''''''''''''''	" 	0	0% 0%	
17			0	0% 0%	
16			0	0% 0%	PER CVC 40802, SURVEY EXPIRES: 12/18/2023
15			0	0% 0%	6
TO	OTAL NUMBER OF VEHICLES =	219	219	100%	7



NORTHBOUND

SPEED

(MPH)

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TOTAL NUMBER OF VEHICLES = 101

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VEHICLES SURVEYED

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X X X X

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SOUTHBOUND

CITY OF SAN CLEMENTE

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

% OF

TOTAL

0%

0%

0%

0%

0%

0%

0%

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101

DATE OF SURVEY: 2/20/19 TIME START: 10:30 AM TIME STOP: 11:30 AM

DAY OF WEEK: Wednesday **WEATHER:** Cloudy CUML. PUERTA DEL SOL / AVENIDA VISTA HERMOSA LOCATION: Avenida Pico to Avenida Pico 100% 100% 100% **ROAD CHARACTERISTICS:** 100% Width (ft): Sidewalks/Driveways: 100% No. of Lanes for Both Directions: 2 On-Street Parking: yes 100% Horizontal Alignment Design Speed: 35 MPH Crosswalks: ves 100% Vertical Alignment Design Speed: Traffic Controls: Signalized at Avenida Vista Hermosa, 35 MPH 100% and at Alicante 100% **ROADWAY CONDITIONS:** 100% 100% Lateral Visibility: good Driveway Density: medium 100% Surface Condition: Ped.& Bicycle Activity: good high 100% 100% 100% AVERAGE DAILY TRAFFIC: 3.500 SEGMENT LENGTH (ft): 2,500 100% 100% 100% accidents per million **ACCIDENTS 3-YR TOTAL:** 100% ACCIDENT RATE: 100% Avg. Accident Rate in District 12: vehicles miles (1/1/2015 - 12/31/2017) 100% 100% APPROVED SPEED LIMIT: 30 MPH EXISTING SPEED LIMIT: 30 MPH 100% 99% 99% 99% 85TH %: 33 MPH 10 MPH PACE: 24 - 33 MPH 98% 97% 50TH %: 28 MPH % IN PACE: 70% 94% 92% 15TH %: 23 MPH % OVER PACE: 17% 88% 86% **AVERAGE SPEED:** 29 MPH 13% % UNDER PACE: 83% 80% 72% COMMENTS AND/OR RECOMMENDATIONS: 65% 54% Α This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has 47% С been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices 40% (CA MUTCD), with application of CVC Section 21400(b). A speed limit posting of 30 MPH Is found to be 33% appropriate and justified. 26% 18% 13% 10% **OBSERVED BY:** Transportation Studies, Inc. **STUDY PREPARED BY:** Jane Mrotek 10% 8% RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE 3% 1% 0% PER CVC 40802, SURVEY EXPIRES: 2/20/2024 0%



VEHICLES SURVEYED

SPEED

CITY OF SAN CLEMENTE

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

TOTAL % OF

DATE OF SURVEY: 3/19/19 TIME START: 3:28 PM TIME STOP: 4:08 PM

DAY OF WEEK: Tuesday WEATHER: Sunny LOCATION: CALLE SALUDA Avenida La Pata to Avenida Fresas ROAD CHARACTERISTICS: Width (ft): Sidewalks/Driveways: No. of Lanes for Both Directions: On-Street Parking: no 4 Horizontal Alignment Design Speed: 50 MPH Crosswalks: yes Vertical Alignment Design Speed: 55 MPH Traffic Controls: signalized at Ave Fresas and Ave La **ROADWAY CONDITIONS:** Lateral Visibility: Driveway Density: good low Surface Condition: Ped.& Bicycle Activity: good **AVERAGE DAILY TRAFFIC:** 8,400 SEGMENT LENGTH (ft): 1,750 **ACCIDENTS 3-YR TOTAL:** accidents per million ACCIDENT RATE: vehicles miles (1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: **EXISTING SPEED LIMIT:** 35 MPH APPROVED SPEED LIMIT: 35 MPH 85TH %: 40 MPH 10 MPH PACE: 33 - 42 MPH 50TH %: 37 MPH % IN PACE: 89% 15TH %: 35 MPH % OVER PACE: 9% 1% **AVERAGE SPEED:** 38 MPH % UNDER PACE: **COMMENTS AND/OR RECOMMENDATIONS:** This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). Based on the geometric design of the street, direct access to residential tracts, Class 2 bike lanes and multimodal activity, a speed limit posting of 35 MPH is found to be appropriate and justified. **OBSERVED BY:** Jane Mrotek **STUDY PREPARED BY: Jane Mrotek** Nestor Mangohig, PE, TE, PTOE **RECOMMENDATION APPROVED BY:** PER CVC 40802, SURVEY EXPIRES: 3/18/2024

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SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/4/18 TIME START: 12:22PM TIME STOP: 1:22PM

DAY OF WEEK: Tuesday WFATHER: Cloudy

			5711 0	71 WEEK. Tuesday	WEXTITIES.	
	LOCATION:	CALLE SALUDA Avenida Fresas		Гalega		
	Horizontal Alignm	Width (ft): Width (ft): for Both Directions: ent Design Speed: ent Design Speed:	44 4 50 MPH 55 MPH	Sidewalks/Driveways: On-Street Parking: Crosswalks: Traffic Controls:	no	ata and
	ROADWAY CONDITI	Lateral Visibility: Surface Condition:	good good	Driveway Density: Ped.& Bicycle Activity:		
	AVERAGE DAILY TR	RAFFIC:	5,100	SEGMENT LENGTH (ft):	1,750	
	ACCIDENTS 3-YR TO (1/1/2015 - 12/31/201		0	ACCIDENT RATE: Avg. Accident Rate in District 12:		llion
	EXISTING SPEED LII	MIT:	35 MPH	APPROVED SPEED LIMIT:	<u>35 MPH</u>	
1						
	85TH %:	36	MPH	10 MPH PACE:	24 - 33 MPH	
	85TH %: 50TH %:	36	MPH MPH	10 MPH PACE: % IN PACE:	24 - 33 MPH 61%	
			-			
	50TH %:	31	MPH	% IN PACE:	61%	
	50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone sa been prepared and	31 24 31 R RECOMMENDAT atisfies the condition evaluated in according to the condition of t	MPH MPH IONS: ons of Section ordance with	% IN PACE: % OVER PACE:	61% 29% 10% Code (CVC) and has m Traffic Control	
	50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone sa been prepared and	31 24 31 R RECOMMENDAT atisfies the condition evaluated in according to the condition of t	MPH MPH IONS: ons of Section ordance with posting of 3:	% IN PACE: % OVER PACE: % UNDER PACE: on 627 of the California Vehicle (and the California Manual on Unifor	61% 29% 10% Code (CVC) and has m Traffic Control e and justified.	
	50TH %: 15TH %: AVERAGE SPEED: COMMENTS AND/OF This speed zone sa been prepared and Devices (CA MUTC)	31 24 31 R RECOMMENDAT atisfies the condition evaluated in according to the condition of th	MPH MPH IONS: ons of Section ordance with posting of 3: studies, Inc.	% IN PACE: % OVER PACE: % UNDER PACE: on 627 of the California Vehicle on the California Manual on Unifor MPH is found to be appropriate	61% 29% 10% Code (CVC) and has m Traffic Control e and justified.	

SPEED										٧	Έl	HIC	L	=8	SI	JR	VE	ΞY	ΕC									TOTAL	% OF	
(MPH)					E	A	ST	В	οί	JNI	ס								W	ES	ST	BC	U	NE)			VEH	TOTAL	CUML.
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46	П																											0	0%	99%
45	Х	Х																										2	1%	99%
44	Х																											1	1%	989
43																												0	0%	989
42																												0	0%	989
41															Х													1	1%	989
40															Х	Х	Х											3	2%	979
39	Х	Χ	X												Х	Х												5	3%	96%
38	Х	Χ	Χ	Х											Х	Х												6	3%	93%
37	Х	X	X	Χ	X	Х	Х								Х	Х	Х	Х										11	6%	90%
36	Х	Χ													Х	Х	Х	Х	Х	Х	Х							9	5%	85%
35	Х														Х	Х	Х	Х	Х	Х	Х	X.	X X	()	()	X	Х	15	8%	80%
34	Х														Х	X												3	2%	73%
33	Х	Χ	X	Х	X	Х	Х	Х	Х	X	Х	X	()	()	X	Х	Х											21	11%	719
32	Х	Χ	X	Х	X	Х	Х								Х	Х	Х	Х	Х	Х	Х	X :	X X	()	()	(19	10%	619
31	Х														Х	Х												3	2%	519
30	Х	Χ	X	Х	X	Х	Х	Х	Х	X	Х				Х	Х	Х	Х	Х	Х								17	9%	50%
29	Х	Х	X	Χ	X	X	X	X	X						Х	Х	X	X	Х									14	7%	419
28	Х														Х	X	X	X	Х	X	X							8	4%	34%
27															Х	Х	X	X	X									5	3%	30%
26	Х	Х	X	Χ	X	X	X	X	X						Х	Х	X	X	Х	X	Χ							16	8%	28%
25	Х	Х	X	X	X										Х	X	X	X	Х	X	X							12	6%	20%
24	Х	Х	X	X	X	X									Х													7	4%	149
23	Х	Х	X												Х	Х	X	X										7	4%	10%
22	Х	Х	X	X	X										Х	Х	X	X										9	5%	79
21															Х													1	1%	29
20	Х	Х	X																									3	2%	29
19																												0	0%	0%
18																												0	0%	0%
17																												0	0%	0%
16																												0	0%	0%
	Н														l													0	0%	0%
15										ш			4		_		00		_1			_	4	4					100%	



NORTHBOUND

VEHICLES SURVEYED

SOUTHBOUND

SPEED

(MPH)

65

64

63

62

61

60

59

58

CITY OF SAN CLEMENTE

SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

TOTAL

VEH

0

0

0

0

0

0

DATE OF SURVEY: 12/17/18 TIME START: 11:30AM TIME STOP: 12:30PM

WEATHER: Cloudy DAY OF WEEK: Monday % OF **AVENIDA SALVADOR** LOCATION: TOTAL CUML. 9 0% 100% Avenida Presidio to Avenida San Pablo 0% 100% 0% 100% **ROAD CHARACTERISTICS:** 0% 100% Width (ft): 40 Sidewalks/Driveways: 0% 100% No. of Lanes for Both Directions: 2 On-Street Parking: yes 0% 100% Horizontal Alignment Design Speed: 25 MPH Crosswalks: ves 0% 100% Vertical Alignment Design Speed: 25 MPH Traffic Controls: Stop signs at six intersections along 100% Salvador. **ROADWAY CONDITIONS:** Lateral Visibility: good **Driveway Density:** high Surface Condition: Ped.& Bicycle Activity: good low **AVERAGE DAILY TRAFFIC:** 1.600 SEGMENT LENGTH (ft): 6,870 accidents per million **ACCIDENTS 3-YR TOTAL:** ACCIDENT RATE: 3 vehicles miles Avg. Accident Rate in District 12: (1/1/2015 - 12/31/2017) APPROVED SPEED LIMIT: 25 MPH **EXISTING SPEED LIMIT:** 25 MPH 85TH %: 32 MPH 10 MPH PACE: 25 - 34 MPH 50TH %: 27 MPH % IN PACE: 71% 15TH %: 22 MPH % OVER PACE: 7% **AVERAGE SPEED:** 28 MPH 23% % UNDER PACE: COMMENTS AND/OR RECOMMENDATIONS: This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). Based on geometric design, including horizontal curvature and steep grades, and high residential driveway densite, a speed limit posting of 25 MPH is found to be appropriate and iustified. **OBSERVED BY:** Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek Nestor Mangohig, PE, TE, PTOE **RECOMMENDATION APPROVED BY:** 12/17/2023 PER CVC 40802, SURVEY EXPIRES:

TOTAL NUMBER OF VE	HICLES = 123	123	100%	
15	x	1	1%	19
16	x	1	1%	29
17	X	1	1	
18 X X	 	2	2% 1%	49 29
19 X X		2	2%	69
20 X X		2	2%	79
21 X	x x x	4	3%	119
22 X X X	XXX	6	5%	159
23 X	XXXX	5	4%	209
24 X X X	X	4	3%	239
25 X	xxxx	6	5%	289
26 X X X X X	XXXXX	10	8%	36
27 X X	x x x x x x	8	7%	42
28 X X X X	x x x x x x x	11	9%	51
29 X X X	xxxxx	9	7%	59
30 X X X X X X X	xxx	10	8%	67
31 X X X X X X	хх	8	7%	73
32 X X X	XXX	6	5%	78
33 X X X X	XXXXXXX	12	10%	88
34 X	xxxxxx	7	6%	93
35 X X		2	2%	95
36 X		1	1%	96
37 X X		2	2%	98
38 X		1	1%	98
39		0	0%	98
41 X X 40		0	0%	98
42		0	2%	100
43		0	0% 0%	100
44		0	0%	100
45		0	0%	100
16		0	0%	100
47		0	0%	100
48		0	0%	100
19		0	0%	100
50		0	0%	100
51		0	0%	100
52		0	0%	100
53		0	0%	100
54		0	0%	100
55		0	0%	100
56		0	0%	100
57		0	0%	100°



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/19/18 TIME START: 10:00AM TIME STOP: 11:00AM
DAY OF WEEK: Wednesday WEATHER: Sunny

SPEED	VEHICLI	ES SURVEYED	TOTAL	1 1			DATO	F WEEK: Wednesday WEATHER	: Sunny
-	EASTBOUND	WESTBOUND	-	% OF TOTAL CUML. %	LOCATION:	AVENIDA SAN	I DADLO		
(MPH)	EASTBOUND	WESTBOOND	VEH		LOCATION:				
65			0	0% 100%		Avenida San G	iabriel to Aver	nida Acapulco	
64			0	0% 100%	DOAD 0114D40755				
63 62			0	0% 100% 0% 100%	ROAD CHARACTER		. 40	Cidevalle / Drivever	
62 61			0	0% 100%	No of Longo	Width (ft) for Both Directions		Sidewalks/Driveways On-Street Parking	
60			0	0% 100%		ment Design Speed		On-Street Parking Crosswalks	
59		 	0	0% 100%		ment Design Speed			: Stop sign at the intersection with
58			0	0% 100%	l vertical / ing. ii	nom 2 co.g. opcoc		Traine Control	Avenida San Gabriel
57			0	0% 100%					
56			0	0% 100%	ROADWAY CONDIT	TONS:			
55			0	0% 100%		Lateral Visibility	: limited	Driveway Density	: high
54			0	0% 100%		Surface Condition	n: good	Ped.& Bicycle Activity	: medium
53			0	0% 100%				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
52			0	0% 100%					
51			0	0% 100%	AVERAGE DAILY TI	RAFFIC:	3,500	SEGMENT LENGTH (ft)	:1,390
50			0	0% 100%					
49			0	0% 100%					
48 47		 	0	0% 100% 0% 100%	ACCIDENTS 3-YR T	OTAL ·	1	ACCIDENT RATE	: 0.99 accidents per million
46			0	0% 100%	(1/1/2015 - 12/31/201			Avg. Accident Rate in District 12	
45			0	0% 100%	(1/1/2013 - 12/31/201	17)		Avg. Accident Nate in District 12	
44			0	0% 100%	EXISTING SPEED L	IMIT-	25 MPH	APPROVED SPEED LIMIT	- 25 MDU
43			0	0% 100%	LAISTING SPEED E		23 IVIFT1	AFFROVED SFEED LIMIT	23 WIFTI
43 42			0	0% 100%					
41			0	0% 100%					
40			0	0% 100%	85TH %:	28	MPH	10 MPH PACE:	22 - 31 MPH
39			0	0% 100%					
38			0	0% 100%	50TH %:	24	MPH	% IN PACE:	91%
37			0	0% 100%					
36			0	0% 100%	15TH %:	22	MPH	% OVER PACE:	3%
35			0	0% 100%	41/50 4 05 00550			0/ UNIDED DAGE	5%
34	v	X	1	1% 100% 2% 99%	AVERAGE SPEED:	26	MPH	% UNDER PACE:	576
33 32	^	lx	2	1% 97%					
32 31		XXXXXX	6	5% 97% *	COMMENTS AND/O	R RECOMMENDA	TIONS:		
30	X	xx	3	3% 91% *	COMMENTS AND/O	ALCONINIENDA			
29		XXXX	4	3% 89% *	This speed zone s	atisfies the condi	itions of Section	on 627 of the California Vehicle Cod	de (CVC) and has
-	XXX	xxxxxxxxx	13	11% 85% P				the California Manual on Uniform	
	XXXX	x x x x x x x x x	13	11% 74% A				1400(b). A speed limit posting of 25	
	X X X X X X X	XXXXX	13	11% 63% C			v C Section 2	1400(b). A speed littlit posting of 25	IVIFFI IS IOUITO TO DE
	XXXXXX	xxxxxxxxxxx	20	17% 52% E	appropriate and just	stiriea.			
	XXXXXXXXXX	XXXXXXXX	20	17% 34% * 3% 17% *					
	X	XX	10	3% 17% * 9% 14% *	OBSERVED BY:	Transportation	Studies Inc	STUDY PREPARED BY:	Jane Mrotek
21	^ ^ ^ ^ ^ ^ ^		0	0% 5%	OBOLINALD DI.	Tanaportation	Ottadios, irio.	OTODITINE ANED BI.	Saile Wildler
	xxx	lx	4	3% 5%					
19	X		1	1% 2%	RECOMMENDATION	N APPROVED BY:	Nest	tor Mangohig, PE, TE, PTOE	
18			0	0% 1%					_
17			0	0% 1%					
16			0	0% 1%	PER CVC 40802, SU	JRVEY EXPIRES:	12/19/2	2023	
15	x	 	1	1% 1%					
	TAL NUMBER OF VEHICLES	S = 116	116	100%					
									
				I.					



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 2/26/19 TIME START: 12:30 PM TIME STOP: 3:30 PM

DAY OF WEEK: Tuesday WEATHER: Cloudy

SPEED	VEHICL	ES SURVEYED	TOTAL	% OF		
(MPH)	EASTBOUND	WESTBOUND	VEH	TOTAL	CUML. %	LOCATION: AVENIDA SAN PABLO
65			0	0%	100%	Avenida Acapulco to northerly terminus
64			0	0%	100%	
63			0	0%	100%	ROAD CHARACTERISTICS:
62			0	0%	100%	Width (ft): 64 Sidewalks/Driveways: yes
61			0	0%	100%	No. of Lanes for Both Directions: 2 On-Street Parking: Yes
60			0	0%		Horizontal Alignment Design Speed: n/a Crosswalks: yes
59			0	0%		Vertical Alignment Design Speed: n/a Traffic Controls: Stop signs at nine intersections along
58			0	0%		Avenida San Pablo.
57			0	0%	100%	
56			0	0%	100%	ROADWAY CONDITIONS:
55			0	0%	100%	Lateral Visibility: good Driveway Density: low
54			0	0%	100%	Surface Condition: good Ped.& Bicycle Activity: low
53			0	0%	100%	
52			0	0%	100%	
51			0	0%	100%	AVERAGE DAILY TRAFFIC: 1,500 SEGMENT LENGTH (ft): 3,800
50			0	0%		
49			0	0%		
48		X	1	1%		
47			0	0%	99%	ACCIDENTS 3-YR TOTAL: 0 ACCIDENT RATE: 0.00 accidents per million
46			0	0%		(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.10 vehicles miles
45			0	0%	99%	
44	xxx	x	4	4%	99%	EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH
43	XXX	XXXX	7	7%	95%	
42	XXXXX	xxx	8	8%	88% *	
41	XXXXX	XXXX	9	9%	80% *	·
40		ХX	2	2%		85TH %: 41 MPH 10 MPH PACE : 33 - 42 MPH
39	XXX	XXXXX	9	9%	69% P	
38	XXXXX		6	6%	60% A	50TH %:36MPH % IN PACE:69%
37	XXX	ХX	5	5%	54% C	
36	ХX	ХX	4	4%		15TH %:31 MPH % OVER PACE:12%
35	XXXX	XXXX	8	8%	45% *	AVERAGE SPEED: 36 MPH % UNDER PACE: 19%
34	XXXXX	XXXX	10	10%	37% *	AVERAGE SPEED: 36 MPH % UNDER PACE: 19%
33	XXXX	XXXX	8	8% 4%	27% * 19%	
32	VV	XXXX	4	4% 4%		COMMENTS AND/OD DECOMMENDATIONS.
31	X X	XX	4	4%		COMMENTS AND/OR RECOMMENDATIONS:
30 29		XXXX	0	0%	7%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been
29 28			0	0%	7%	prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA
20 27		хх	2	2%		MUTCD). Based on geometric design of the street, including steep grade, access to single and multi family
26		XX	2	2%	5%	residential tracts, and trail access at the street terminus, a speed limit posting of 35 MPH is found to be
25			0	0%	3%	appropriate and justified.
24	x	 	1	1%		
23	x	 	1	1%		
22		 	0	0%	1%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
21		lx l	1	1%	1%	
20			0	0%	0%	
19			0	0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18			0	0%	0%	
17			0	0%	0%	
16			0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 2/26/2024
			0	0%	0%	,
15			()			



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 3/19/19 TIME START: 2:30 PM TIME STOP: 3:18 PM

DAY OF WEEK: Tuesday WEATHER: Overcast

SPEED	VELUCIES	CHRVEVED	T074:	T T	DAY OF WEEK: Tuesday WEATHER: Overcast
	VEHICLES		TOTAL	% OF	LOCATION CALLE CARMENTOCO
(MPH)	NORTHBOUND	SOUTHBOUND	VEH	TOTAL CUML. %	LOCATION: CALLE SARMENTOSO
65			0	0% 100%	Camino Vera Cruz to Camino Del Rio
64			0	0% 100%	
63			0	0% 100%	ROAD CHARACTERISTICS:
62			0	0% 100%	Width (ft): 40 Sidewalks/Driveways: yes
61			0	0% 100%	No. of Lanes for Both Directions: 2 On-Street Parking: yes
60			0	0% 100%	Horizontal Alignment Design Speed: 40 MPH Crosswalks: yes
59			0	0% 100% 0% 100%	Vertical Alignment Design Speed: 40 MPH Traffic Controls: Signalized at the intersection with
58			0	0% 100% 0% 100%	Camino Vera Cruz
57 56			0	0% 100%	ROADWAY CONDITIONS:
55			0	0% 100%	Lateral Visibility: good Driveway Density: low
54			0	0% 100%	Surface Condition: good Ped.& Bicycle Activity: medium
53			0	0% 100%	
52			0	0% 100%	
51			0	0% 100%	AVERAGE DAILY TRAFFIC: 5,200 SEGMENT LENGTH (ft): 4,425
50			0	0% 100% 0% 100%	
49 48			0	0% 100%	
46 47			0	0% 100%	ACCIDENTS 3-YR TOTAL: 1 ACCIDENT RATE: 0.21 accidents per million
46			0	0% 100%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.10 vehicles miles
45			0	0% 100%	(1712-17) Trig. Floodoff Rate III Blattet 12.
44			0	0% 100%	EXISTING SPEED LIMIT: 30 MPH APPROVED SPEED LIMIT: 30 MPH
43	x		1	1% 100%	
42	x	хх	3	2% 99%	
41		X	1	1% 97%	
40		XXXXX	5	3% 97% *	85TH %: 37 MPH 10 MPH PACE : 31 - 40 MPH
		X X X X X X X	11	7% 93% *	
38		XXX	4	3% 86% *	50TH %: 34MPH % IN PACE :89%
		XXXXX	11	7% 83% P	
		X X X X X X X X X X X	33	22% 76% A 9% 54% C	15TH %: 31 MPH % OVER PACE :3%
		XXXXXX	14	7% 45% E	AVERAGE SPEED: 35 MPH % UNDER PACE: 7%
	X	XXXXXX	11	19% 38% *	AVERAGE SPEED:35 MPH % UNDER PACE:7%
		XXXXX	28 11	7% 19% *	
		XXXX	7	5% 12% *	COMMENTS AND/OR RECOMMENDATIONS:
30		XX	5	3% 7%	
		XXX	5	3% 4%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared
28	X	~~~	1	1% 1%	and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). Based on
27			0	0% 0%	geometric design of the street, access to multiple residential tracts, Bernice Ayer Middle School and Truman
26			0	0% 0%	Benedict Elementary School, proximity to Forster Ranch Community Park, Class 2 bike lanes, and multimodal
25			0	0% 0%	activity, a speed limit posting of 30 MPH is found to be appropriate and justified.
24			0	0% 0%	
23			0	0% 0%	Towns of the last
22			0	0% 0%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
21			0	0% 0%	
20			0	0% 0%	DECOMMENDATION ADDROVED BY: Nector Manachia DE TE DTOE
19			0	0% 0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18			0	0% 0%	
17			0	0% 0%	
16			0	0% 0%	PER CVC 40802, SURVEY EXPIRES: 3/18/2024
15			0	0% 0%	
Т	OTAL NUMBER OF VEHICLES =	151	151	100%	



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/4/18 TIME START: 9:00AM TIME STOP: 10:00AM
DAY OF WEEK: Tuesday WEATHER: Clear

SPEED	VEHICLES	SURVEYED	TOTAL		DAY OF WEEK: Tuesday WEATHER: Clear
(MPH)	NORTHBOUND	SOUTHBOUND	VEH	% OF TOTAL CUML. %	LOCATION: AVENIDA TALEGA
` ′	NONTHBOUND	300111000110			
65			0	0% 100% 0% 100%	Avenida Vista Hermosa to Calle Saluda
64			0	0% 100% 0% 100%	DOAD CHARACTERISTICS.
63			0	0% 100%	ROAD CHARACTERISTICS: Width (ft): 78 Sidewalks/Driveways: yes
62 61			0	0% 100%	Width (ft): 78 Sidewalks/Driveways: yes On-Street Parking: no
60			0	0% 100%	Horizontal Alignment Design Speed: 60 MPH Crosswalks: yes
59			0	0% 100%	Vertical Alignment Design Speed: 60 MPH Traffic Controls: Traffic signal at the intersections of
58			0	0% 100%	Avenida Vista Hermosa and Calle
57			0	0% 100%	Portofino Portofino
56			0	0% 100%	ROADWAY CONDITIONS:
55			0	0% 100%	Lateral Visibility: good Driveway Density: low
54			0	0% 100%	Surface Condition: good Ped.& Bicycle Activity: medium
53			0	0% 100%	Guillace Condition. good Fed. a Bicycle Activity. Intendim
52			0	0% 100%	
52 51		 	0	0% 100%	AVERAGE DAILY TRAFFIC: 9,800 SEGMENT LENGTH (ft) 3,050
50		 	0	0% 100%	5,555
49			0	0% 100%	
48			0	0% 100%	
47			0	0% 100%	ACCIDENTS 3-YR TOTAL: 4 ACCIDENT RATE: 0.65 accidents per million
46			0	0% 100%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.48 vehicles miles
45		X	1	0% 100%	
44			0	0% 100%	EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH
43		XX	2	1% 100%	
42		XX	2	1% 99% 1% 98%	
41 40		XXXX	4	1% 97%	85TH %: 35 MPH 10 MPH PACE: 28 - 37 MPH
39	Y	XXXXX	6	2% 96%	65117%. 35 MIFT IU MIFT FACE: 26 - 37 MIFT
	XX	X X X X X X X X X X	12	4% 94%	50TH %: 29 MPH % IN PACE : 56%
	XXXXXX	XXXXXX	13	4% 90% *	30111 /d. 25 WIII AGE. 30/0
	XXXX	XXXXXXXXXX	16	5% 87% .	15TH %: 22 MPH % OVER PACE : 10%
	XXXXX	xxxxxxxxxxxxx	20	6% 82% *	
	XXX	xxxxxxxxxxxxxx		6% 75% P	AVERAGE SPEED: 30 MPH % UNDER PACE: 34%
33	XXX	x x x x x x x x x x x x x	15	5% 70% A	
	X X X X X X X X X X	x x x x x x x x x	19	6% 65% C	
	XXXX	XXXXXX	11	3% 59% E	COMMENTS AND/OR RECOMMENDATIONS:
	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		10% 56% *	
	XXXXX	XXXXX	11	3% 46% * 8% 43% *	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
	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 X X X X X X X	27	4% 34%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
	X	X	12 17	5% 31%	Devices (CA MUTCD). A speed limit posting of 35 MPH is found to be appropriate and justified.
-	X X X X X X X X X X X	XXXX	14	4% 25%	, , , , , , , , , , , , , , , , , , , ,
_	XXXXXXXX	xx^^	10	3% 21%	
	XXXXXXXX		9	3% 18%	
_	XXXXXXXXX	x	11	3% 15%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
	XXXXXXXX	XXXXX	14	4% 12%	
	XXXXX	x	6	2% 8%	
	XXXX		4	1% 6%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18	ХX	X	3	1% 5%	
17		XXXX	4	1% 4%	
16	XXXX	X	6	2% 2%	PER CVC 40802, SURVEY EXPIRES: 12/4/2023
15	ХХ		2	1% 1%	
T	OTAL NUMBER OF VEHICLES =	326	326	100%	



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/4/18 TIME START: 10:15AM TIME STOP: 11:15AM

DAY OF WEEK: Tuesday WEATHER: Cloudy

SPEED	VEHICLES	SURVEYED	TOTAL	n/ OF			
(MPH)	NORTHBOUND	SOUTHBOUND	VEH	% OF TOTAL	CUML. %		LOCATION: AVENIDA TALEGA
65			0	0%	100%		Calle Saluda to East City Limit
64			0	0%	100%		
63			0	0%	100%		ROAD CHARACTERISTICS:
62			0	0%	100%		Width (ft): 78 Sidewalks/Driveways: yes
61			0	0%	100%		No. of Lanes for Both Directions: 4 On-Street Parking: no
60		хх	2	1%	100%		Horizontal Alignment Design Speed: 60 MPH Crosswalks: yes
59			0	0%	99%		Vertical Alignment Design Speed: 60 MPH Traffic Controls: Traffic signal at the intersection of Call
58		Х	1	0%	99%		Saluda, Cm Viento Fuerte East, Cm
57			0	0%	99%	1	Viento Fuerte West
56			0	0%	99%	1	ROADWAY CONDITIONS:
55			0	0%	99%		Lateral Visibility: good Driveway Density: low
54			0	0%	99%		Surface Condition: good Ped.& Bicycle Activity: low
53			0	0%	99%		
52	хх	хх	4	2%	99%		
51		x	1	0%	97%	j l	AVERAGE DAILY TRAFFIC: 9,600 SEGMENT LENGTH (ft): 6,500
50	XXXXX	XXX	8	3%	97%	<u> </u>	
49	Х	x x x x x x x x x	10	4%	94%		
48	X	XXXX	6	2%	90%	1	ACCIDENTS 3-YR TOTAL: 2 ACCIDENT RATE: 0.15 accidents per million
47	XXX	XXXX	7	3%	88%	1	ACCIDENT S 3-TR TOTAL: 2 ACCIDENT RATE: 0.15 vehicles miles
46	V V V V V V V V V V	XXXXXXX	7	3% 10%	85% 82%	*	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.48
45	X X X X X X X X	xxxxxxxxxxxxx				1	
44		XXX	3	1%	72%	*	* EXISTING SPEED LIMIT: 40 MPH APPROVED SPEED LIMIT: 40 MPH
43		xxxxxxx	10	4%	71%	ا يُ ا	
42	XXXXXXX	xxxxxxxxxxxx	21	8%	67%		
41	XXX	XXXXXXX	11	4%	59%	A	
40	XXXXXXXXXXXXXXX		32	12% 5%	54% 42%	E	10 111 111 111 111 111 111 111 111 111
39 38	X X X X X X X X X X X X X X X X X X X	XXXX	13	7%		*	* 50TH % : 39 MPH % IN PACE : 65%
36 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 X X X X X X X X X X	18	9%	30%	*	501 76.
36	XXXXXX	XXXX	10	4%	21%	*	* 15TH %: 34 MPH % OVER PACE : 18%
35	XXXXXXXXXX	XXX	14	5%	17%	1	1011 /u. 34 1011 11 /u 0VERT AGE. 10/0
34	x	XXXXX	6	2%	12%		AVERAGE SPEED: 41 MPH % UNDER PACE: 17%
33	xxxxx	хх	7	3%	10%		
32		x	1	0%	7%		
31	x	x	2	1%	7%		COMMENTS AND/OR RECOMMENDATIONS:
30	xxx	x x x x x x x	10	4%	6%]	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
29			0	0%	2%	1	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
28	Х		1	0%	2%	į	Devices (CA MUTCD). Based on geometric design, proximity to Vista Del Mar Elementary & Middle
27			0	0%	2%	1 I	Schools, Liberty and Tierra Grande Parks, and golf course, and Class 2 bike lane, a speed limit
26		хх	2	1%	2%	1 I	
25			0	0%	1%	4 I	posting of 40 MPH found to be appropriate and justified.
24	X		1	0% 0%	1% 0%	1	
23 22	X		1	0%	0%	4 I	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
22			0	0%	0%	1	Transportation Studies, inc. Studies Free B1. Same Wholek
20	 		0	0%	0%	1	
20 19		 	0	0%	0%	1	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18		 	0	0%	0%	1	
17	 	 	0	0%	0%	1	
16	 	 	0	0%	0%	1	PER CVC 40802, SURVEY EXPIRES: 12/4/2023
15			0	0%	0%	1	LA STO TOOL, GOATE LAI INCO.
	IOTAL NUMBER OF VEHICLES =	258	258	100%		1	
- '	OTAL NUMBER OF VEHICLES =	200	230	. 55 /6	<u> </u>	1 L	



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

AFFIC SURVEY

DATE OF SURVEY: 11/27/2018 TIME START: 11:30AM WEATHER: Clear

LOCATION: AVENIDA VAQUERO Camino De Los Mares to Calle Guadalajara

ROAD CHARACTERISTICS:

Width (ft): 56 Sidewalks/Driveways: yes

SPEED											۷۱	ΕH	IIC	LE	s s	UF	۲V	ΕY	ΈΙ	D									TOTAL	% OF	CUML.
(MPH)	H				E	ΞA	s	ГВ	Ю	UI	ND				T		- • 1			/E	ST	В	οι	JN	D				VEH	TOTAL	%
65	Ш	I				I	I	I	I	I	I	I	I			L										I	I		0	0%	100%
64	Ш																												0	0%	100%
63	Ш																												0	0%	100%
62	Ш																												0	0%	100%
61	Ш																												0	0%	100%
60	Ш																												0	0%	100%
59	Ш																												0	0%	100%
58	Ш																												0	0%	100%
57	Ш																												0	0%	100%
56	Н														4														0	0%	100%
55	Ш																												0	0%	100%
54																													0	0%	100%
53																													0	0%	100%
52																													0	0%	100%
51																													0	0%	100%
50																													0	0%	100%
49	П																												0	0%	100%
48																													0	0%	100%
47	Ш																												0	0%	100%
46	Ш																												0	0%	100%
45	Ш														Х														1	0%	100%
44	Ш																												0	0%	100%
43	Ш															X													2	1%	100%
42	Ш															X													2	1%	99%
41	Н																	Х											4	1%	98%
40	Н																	Х											4	1%	97%
39	Х														_			Х											6	2%	96%
38	X.														_			Х			Х	Х	Х	Х					12	4%	94%
37	X.					(()	1										Х											13	4%	90%
36	X					Ļ	L																		X			-	16	5%	87%
35	X			Х	Х	((X.				20	6%	82%
34	X																										X X	K X		6%	75% I
33	X					Ļ	ļ.	Ļ			1													Х	X :	Х			15	5%	70%
32	X :					(()	()	()	()	K				_			X					Х						19	6%	65%
31	X					ļ.		ļ.							_			X											11	3%	59% I
30	X						()	()	()	Κ)	K				_						Х	Х	Х	Х	Χ.	Χ.	X	K X		10% 3%	56% [*]
29	X							, ,	, ,	, ,		, ,	, ,		_			X			v				v ·				11		43%
28											Κ)	()	()	(X					Х	Х	х	Х	Х	Х	X :	Χ.	X		27	8% 4%	34%
27	X																X			.,									12	4% 5%	31%
26	X																	X		X	X								17	5% 4%	25%
25	X									.)	١.				_			X											14	4% 3%	25%
24	X									,					-IX	X	۰												10	3%	18%
23	X										,				- .														9	3%	15%
22	X										١.				X			v	v										11	3% 4%	12%
21 20	X						ν,	, ,	()	`					X		X	X	X										14 6	2%	8%
20 19						H									- ^	Η													4	1%	6%
19 18	X		^	۸											х															1%	5%
18 17	^	^															v	Х											3 4	1%	4%
17 16	V.	v .	v	v	v										X		۸	^												2%	2%
16 15	X		^	۸	۸	۲									- ^	٠													<u>6</u>	1%	1%
10	Λ.		_	_	_	Ļ	_	L			_		_	ES		_	26		_		_	_	_	_		4			326	100%	. , 3

ROAD CHARACTERISTICS:				
Width (ft):	56	Sidewalks/Driveways:	yes	
No. of Lanes for Both Directions:	2	On-Street Parking:	yes	
Horizontal Alignment Design Speed:	30 MPH	Crosswalks:	no	
Vertical Alignment Design Speed:	30 MPH	Traffic Controls:	Traffic signa	I at Cm de los Mares; Stop
			signs at CI V	'allarta & Cl Guadalajara.

ROADWAY CONDITIONS:

Lateral Visibility: good Driveway Density: medium
Surface Condition: good Ped.& Bicycle Activity: medium

AVERAGE DAILY TRAFFIC: 6,200 SEGMENT LENGTH (ft): 1,660

ACCIDENTS 3-YR TOTAL:
6 ACCIDENT RATE: 2.81 accidents per million vehicles miles

Avg. Orange County Rate (2010): 1.10 vehicles miles

EXISTING SPEED LIMIT: 30 MPH APPROVED SPEED LIMIT: 30 MPH

85TH %:	35	MPH	10 MPH PACE:	28 - 37 MPH
50TH %:	29	MPH	% IN PACE:	56%
15TH %:	22	MPH	% OVER PACE:	10%
AVERAGE SPEED:	30	MPH	% UNDER PACE:	34%

COMMENTS AND/OR RECOMMENDATIONS:

This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control Devices (CA MUTCD). Based on street geometric design, resdiental driveway density, proximity to golf use, Class 2 bike lanes, multimodal activity, and accident rate, a speed limit posting of 30 MPH is found to be appropriate and justified.

OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek

RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE

PER CVC 40802, SURVEY EXPIRES: 11/27/2023



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 2/25/2019 TIME START: 12:30 PM TIME STOP: 1:00 PM

DAY OF WEEK: Monday WEATHER: Overcast

EASTBOUND	WESTBOUND	TOTAL % OF VEH TOTAL CUML. %	LOCATION: AVENIDA VAQUERO
		0 00/ 1000/	
		0 0% 100%	Calle Guadalajara to Calle Vista Torito
		0 0% 100%	
		0 0% 100%	ROAD CHARACTERISTICS:
		0 0% 100%	Width (ft): 56 Sidewalks/Driveways: yes_
		0 0% 100%	No. of Lanes for Both Directions: 2 On-Street Parking: yes On-Street Parking: yes
		0 0% 100%	Horizontal Alignment Design Speed: 30 MPH Crosswalks: no
		0 0% 100%	Vertical Alignment Design Speed: 30 MPH Traffic Controls: Stop signs at Torito, San Gorgonio &
		0 0% 100%	Guadalajara.
		0 0% 100%	
			ROADWAY CONDITIONS:
		0 0% 100%	Lateral Visibility: good Driveway Density: high
		0 0% 100%	Surface Condition: good Ped.& Bicycle Activity: medium
		0 0% 100%	
		0 0% 100%	
		0 0% 100%	AVERAGE DAILY TRAFFIC: 3,800 SEGMENT LENGTH (ft): 3,200
		0 0% 100%	
			ACCIDENTS 3-YR TOTAL: 3 ACCIDENT RATE: 1.19 accidents per million
	X		ACCIDENT RATE: 1.10
			(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.10 vehicles miles
		. 070 10070	EXISTING SPEED LIMIT: 30 MPH APPROVED SPEED LIMIT: 30 MPH
	x		
	X		
	XXXXX		85TH %: 37 MPH 10 MPH PACE : 29 - 38 MPH
			50TH %:33 MPH % IN PACE:80%
			15TH %: 9%
		24 11% 61% A	AVERAGE SPEED:34
		28 13% 30% C	
			COMMENTS AND/OR RECOMMENDATIONS:
			This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
			been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
			Devices (CA MUTCD). Based on street geometric design, resdiental driveway density, proximity to golf
	x	6 3% 5%	use, Shorecliffs Middle School and San Gorgonio Park, Class 2 bike lanes, and multimodal activity, a
	x	1 0% 2%	speed limit posting of 30 MPH is found to be appropriate and justified.
XXX		4 2% 2%	
		0 0% 0%	
		0 0% 0%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
		0 0% 0%	
		0 0% 0%	
		0 0% 0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
		0 0% 0%	
		0 0% 0%	
		-	PER CVC 40802, SURVEY EXPIRES: 2/25/2024
		U	
TAL NUMBER OF VEHICLE	S = 220	220 100%	
	X X X X X X X X X X X X X X X X X X X	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	0



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

RAFFIC SURVEY

DATE OF SURVEY: 11/27/2018 TIME START: 1:45PM WEATHER: Clear

DAY OF WEEK: Tuesday WEATHER: Clear

	PUFORNI	OI EED EIWIII EIVOI	TOTAL			110 001(VE1	DAY	OF WEEK: Tuesday WEATH	R: Clear
SPEED VEHICLES SURVEYED (MPH) EASTBOUND WESTBOUND					CUML.	ANGATION ANGENIE	OUEDO		
65	EASTBOUND	WESTBOUND	VEH	TOTAL		LOCATION: AVENIDA VAC Calle Vista To	QUERO rito to Camino	Capistrano	
64 63			0	0% 0%	100%	ROAD CHARACTERISTICS:			
62			0	0%	100%	Width (ft): 56	Sidewalks/Drivewa	vs: ves
61			0	0%	100%	No. of Lanes for Both Direction		On-Street Parki	
60			0	0%	100%	Horizontal Alignment Design Spee	ed: 30 MPH	Crosswa	ks: yes
59			0	0%		Vertical Alignment Design Spee	ed: 30 MPH	Traffic Contro	ols: Stops at Torito, Montecito, Grande Vista
58			0	0%					and Cascadita; Traffic signal at
57			0	0%	100%				Capistrano.
56			0	0%	_	ROADWAY CONDITIONS:			
55			0	0%	100%	Lateral Visibili	ty: good	Driveway Dens	ity: _medium_
54			0	0%	100%	Surface Condition	on: good	Ped.& Bicycle Activ	rity: medium
53			0	0%	100%			ŕ	
52			0	0%	100%				
51			0	0%		AVERAGE DAILY TRAFFIC:	10,600	SEGMENT LENGTH (ft): 1,920
50			0	0%					
49		X	1	0%					
48			0	0%	100%	ACCIDENTE 2 VD TOTAL .			re. 0.47 accidents per million
47			0	0%		ACCIDENTS 3-YR TOTAL:	2	ACCIDENT RA	V. T1
46		X	1	0% 0%		(1/1/2015 - 12/31/2017)		Avg. Orange County Rate (201	0): 1.10 vehicles miles
45			0		1				
	X	X	2	1%		EXISTING SPEED LIMIT:	30 MPH	APPROVED SPEED LIN	IIT: 30 MPH
-	X	XXXX	5	2%					
	x		1	0%					
41		XXX	3	1%		F===			
	X	XXXX	5	2%		85TH %: 35	MPH	10 MPH PACE:	27 - 36 MPH
	X	XXXXX	6	2% 2%		FOTU 0/-	MDII	O/ IN DAGE:	700/
	X	XXXX	5	5%		50TH % : 30	MPH	% IN PACE:	70%
	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 X X X X X X X X X X	16 14	4%	86%	15TH %: 26	MPH	% OVER PACE:	14%
	X X X X X X X X	XXXXXXX	16	5%		131170:20	IVIPП	% OVER PACE:	1470
-	X X X X X X X X X X X X X	XXXXXXXX	21	6%		AVERAGE SPEED: 31	MPH	% UNDER PACE:	16%
	X X X X X X X X X X X X X	XXXXXXXXXXXXXX	26	8%		AVERAGE OF LED.	IVII I I	70 ONDER 1 AGE.	1070
		xxxxxxxxxxxxxx		11%	63%				
	XXXXXXXXXXXX		31	9%		COMMENTS AND/OR RECOMMENDA	ATIONS:		
	x x x x x x x x x x x x x x		38	11%	42%			627 of the California Vehicle Cod	e (CVC) and has been
	x x x x x x x x x x x x x		20	6%	31%	prepared and evaluated in accordance			` ,
28	x x x x x x x	xxx	10	3%	25%	MUTCD). Based on street geometric			
27	x x x x x x x x x x x x	x x x x x x x x	20	6%					
	X X X X X X X		7	2%		Middle School and San Gorgonio Pa	•	lanes, and multimodal activity, a	speed limit posting of 30
	XX	X	3	1%		MPH is found to be appropriate and j	justified.		
	XXXX	XXX	8	2%					
-	X	X	2	1%		To constation	01 11 11 11		No. of Market
	x x x x x x x x x	XXXXX	15	5%		OBSERVED BY: Transportation	n Studies, Inc.	STUDY PREPARED E	Y: Jane Mrotek
1			0	0%	5%				
0			0	0%		DECOMMENDATION APPROVED BY	. Neete	Monachia DE TE DTOE	
9		xxxxx	6	2%		RECOMMENDATION APPROVED BY	: Nesto	or Mangohig, PE, TE, PTOE	
	X X		2	1% 2%					
7 6	<u></u>	xxxxxx	7	0%		PER CVC 40802, SURVEY EXPIRES:	11/27/2	2023	
	X	VV	1	1%		1 LIX GVG 40002, SURVET EXPIRES:	11/2//2	2020	
5	OTAL NUMBER OF VEHICLES	X X	332	100%					
	TAL NUMBER OF VEHICLES	= 002	332	100%	<u>'</u>				



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/26/18 TIME START: 2:20PM TIME STOP: 3:20PM

DAY OF WEEK: Monday WEATHER: Clear

DEED '	VEHICLES	CHRYEVED	1	-	-	DAT OF WEEK: MORIOAY WEATHER: Clear
PEED	VEHICLES		TOTAL	% OF		
(MPH)	NORTHBOUND	SOUTHBOUND	VEH		CUML. %	LOCATION: CAMINO VERA CRUZ
65			0	0%	100%	Avenida Pico to Avenida Vista Hermosa
64			0	0%	100%	
63			0	0%	100%	ROAD CHARACTERISTICS:
62			0	0%	100%	Width (ft): 64 Sidewalks/Driveways: yes
61			0	0%	100%	No. of Lanes for Both Directions: 4 On-Street Parking: no
60			0	0%	100%	Horizontal Alignment Design Speed: 45 MPH Crosswalks: yes
59			0	0%	100%	Vertical Alignment Design Speed: 65 MPH Traffic Controls: Traffic signals at Av Pico, Via Pacifica,
8			0	0%	100%	Plaza Pacifica, CI Paradiso; Stop signs
7			0	0%	100%	at Hermosa.
6			0	0%	100%	ROADWAY CONDITIONS:
5			0	0%	100%	Lateral Visibility: limited Driveway Density: low
			0	0%	100%	Surface Condition: good Ped.& Bicycle Activity: low
-			0	0%	100%	
	(X		2	1%	100%	1
ľ			0	0%	99%	AVERAGE DAILY TRAFFIC: 11,250 SEGMENT LENGTH (ft): 3,474
ŀ		хх	2	1%	99%	
ı			0	0%	99%	1
	(X X	XXX	6	2%	99%	1
			1	0%	97%	ACCIDENTS 3-YR TOTAL: 3 ACCIDENT RATE: 0.37 accidents per million
	(x	2	1%	96%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.48 vehicles miles
	(X X X X	X	6	2%	96%	<u> </u>
		ХX	5	2%	94%	EXISTING SPEED LIMIT: 40 MPH APPROVED SPEED LIMIT: 40 MPH
		XXXX	9	3%	92%	
	(XXXX	XXXX	9	3%	89%	
	(XXXX	XXXX	11	4%	86%	
		X X X X X X X X X X X	18	6%	83%	85TH %: 40 MPH 10 MPH PACE: 30 - 39 MPH
	(25	8% 7%	77% * 69% *	* FOTUS 00 NEU 07 NEU 0
		X X X X X X X X	21	11%	62% *	* 50TH %:36
	(X X X X X X X X X X X X X X X X X X X	34 18	6%	50% P	 _
		XXXXXX	19	6%	45% A	
	(XXXXXXXXXXXXXXXX		20	7%	38% C	AVERAGE SPEED: 36 MPH % UNDER PACE: 11%
		XX	10	3%	32% E	AVERAGE SPEED. 30 WITT MODEL PAGE.
	(XXXXXXXXXXXXXXX		20	7%	29% *	 - -
		XXXXX	10	3%	22% *	* COMMENTS AND/OR RECOMMENDATIONS:
	(XXXXXXXXXXXXXX		22	7%	19% *	
		XXX	8	3%	11%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
		xxxx	10	3%	9%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
	(X X		3	1%	6%	
		x	2	1%	5%	Devices (CA MUTCD). A speed limit posting of 40 MPH is found to be appropriate and justified.
1	(X X	хх	5	2%	4%	
			0	0%	2%	
	(X X		3	1%	2%	
	(X		2	1%	1%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
1	(X		2	1%	1%	
			0	0%	0%	DECOMPTION APPROVED BY A Massachia DE TE DECE
			0	0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
			0	0%	0%	
-			0	0%	0%	
- [0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 11/26/2023
			0	0%	0%	
TC	TAL NUMBER OF VEHICLES =	305	305	100%		



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 11/26/18 TIME START: 12:50PM TIME STOP: 1:50PM

DAY OF WEEK: Monday WEATHER: Clear

	CALIFORNIA	SPEED LIMIT - ENGI	INEER	IING	X I KA	DAY OF WEEK: Monday WEATHER: Clear
SPEED		SURVEYED	TOTAL	% OF		
(MPH)	NORTHBOUND	SOUTHBOUND	VEH	TOTAL	CUML. %	LOCATION: CAMINO VERA CRUZ
65			0	0%	100%	Avenida Vista Hermosa to Via Blanco
64			0	0%	100%	
63			0	0%	100%	ROAD CHARACTERISTICS:
62			0	0%	100%	Width (ft): 64 Sidewalks/Driveways: yes
61			0	0%	100%	No. of Lanes for Both Directions:4 On-Street Parking: ^{no}
60			0	0%		Horizontal Alignment Design Speed: 45 MPH Crosswalks: yes
59			0	0%	100%	Vertical Alignment Design Speed: 65 MPH Traffic Controls: Traffic signals at Colina Rodante, Ave
58			0	0%	100%	Vista Hermosa, Cl De Los Arboles, an
57			0	0%	100%	Ave Vista Hermosa.
56			0	0%	100%	ROADWAY CONDITIONS:
55			0	0%	100%	Lateral Visibility: good Driveway Density: low
54			0	0%	100%	Surface Condition: good Ped.& Bicycle Activity: low
53	x		1	0%	100%	
52	ХX		2	1%	100%	
51			0	0%	99%	AVERAGE DAILY TRAFFIC: 10,800 SEGMENT LENGTH (ft): 3,250
50	X		1	0%	99%	
49	ХX	x	3	1%	98%	
48	X		1	0%	97%	ACCIDENTS 3-YR TOTAL: 3 ACCIDENT RATE: 0.41 accidents per million
47	XXX		3	1%	97%	ACCIDENT RATE: 0.41
46	XXX	XX	5	2%		(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 1.10 vehicles miles
45	XXXX	X	6	2%	94%	
44	x x x x x x x x x x x x	XXX	15	6%	91%	* EXISTING SPEED LIMIT: 40 MPH APPROVED SPEED LIMIT: 40 MPH
43	x x x x x x x	X	8	3%	86%	
42	X X X X X X X X X X	XXXX	14	5%	82%	
41	XXXXX	XXX	9	4%		
40	x x x x x x x x x x x x x x x x		22	9%	74%	
39	XXXXX	XXXXXXXX	14	5%		
38	XXXXX	XXXXXX	12	5%		50TH %:36MPH % IN PACE:69%
37	XXXXXXXXXXX	XXXXXXXXXXXXX	26	10%	55%	4-14
36	XXXXX	XXXXXXXXXX	16	6% 16%	45% 39%	* 15TH %:32 MPH % OVER PACE:9%
35	xxxxxxxxxxxxx		42	3%	22%	AVERAGE SPEED: 38 MPH % UNDER PACE: 22%
34	XX	XXXXXX	8	4%		AVERAGE SPEED: 38 MPH % UNDER PACE: 22%
33 32	XXX	X X X X X X X X X X X X X X X X X X X	9	4%		
32 31	XXXXXX	XXXXXX	13	5%		COMMENTS AND/OR RECOMMENDATIONS:
30	XXX	X X X X X X X X X X X X	14	5%	7%	COMMENTS AND/OR RECOMMENDATIONS.
29	^^^	X	1	0%	1%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
28		x	1	0%	1%	
27		<u> </u>	0	0%	0%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
26		 	0	0%		Devices (CA MUTCD), with application of CVC Section 21400(b). A speed limit posting of 40 MPH Is
25		 	0	0%	0%	found to be appropriate and justified.
24			0	0%	0%	
23			0	0%		
22		 	0	0%	0%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
21			0	0%	0%	
20		x	1	0%	0%	
19			0	0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18			0	0%	0%	
17			0	0%	0%	
16			0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 11/26/2023
15		 	0	0%	0%	
	OTAL NUMBER OF VEHICLES =	257	257	100%		
					-	L



SPEED LIMIT - ENGINEERING & TRAFFIC SURVEY

DATE OF SURVEY: 12/7/18 TIME START: 1:15PM TIME STOP: 2:15PM

DAY OF WEEK: Friday WEATHER: Clear

(MPH) 65 64 63 62	VEHICLES S NORTHBOUND	SOUTHBOUND	TOTAL	% OF TOTAL	CUML. %	A CAMINO VERA ORUZ
65 64 63 62	THE REPORT OF THE PARTY OF THE	000111000110				LOCATION: CAMINO VERA CRUZ
64 63 62			0	0%	100%	
63 62			_	0%	100%	Via Blanco to Camino De Los Mares
62			0	0%	100%	DO AD CHADACTERIOTICS
			0	0%	100%	ROAD CHARACTERISTICS: Width (ft): 64 Sidewalks/Driveways: yes
61			0	0%	100%	Width (ft): 64 Sidewalks/Driveways: yes No. of Lanes for Both Directions: 4 On-Street Parking: no
60			0	0%	100%	Horizontal Alignment Design Speed: 45 MPH Crosswalks: yes
59			0	0%	100%	Vertical Alignment Design Speed: 43 MPH Traffic Controls: Traffic signal at Camino De Los Mares
58			0	0%	100%	Voltodi Aligimoni Decigni opocia.
57			0	0%	100%	
56			0	0%	100%	ROADWAY CONDITIONS:
55			0	0%	100%	Lateral Visibility: good Driveway Density: low
54			0	0%	100%	Surface Condition: good Ped.& Bicycle Activity: medium
53		v	1	0%	100%	Surface Condition. good Fed. a Dicycle Activity. Intended
52		^	0	0%	100%	
51			0	0%	100%	AVERAGE DAILY TRAFFIC: 9,900 SEGMENT LENGTH (ft): 4,170
50			0	0%	100%	712.0.02 5.02. 100. 100. 100. 100. 100. 100. 100.
49			0	0%	100%	
48			0	0%	100%	
47			0	0%	100%	ACCIDENTS 3-YR TOTAL: 4 ACCIDENT RATE: 0.47 accidents per million
46		XX	2	1%	100%	(1/1/2015 - 12/31/2017) Avg. Accident Rate in District 12: 3.58 vehicles miles
45 X X	(2	1%	99%	
44 X		x	2	1%	98%	EXISTING SPEED LIMIT: 35 MPH APPROVED SPEED LIMIT: 35 MPH
43 X		x	2	1%	98%	
42 X		XXXXX	6	2%	97%	
41 X X	(X X	x x x x x x x x x x x x x	17	5%	95% *	
40 X X	<pre><pre><pre></pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre></pre> <pre></pre> <pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre><pre></pre><pre></pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre>	x x x x x x x x x x x x x x	37	11%	90% *	85TH %: 39 MPH 10 MPH PACE: 32 - 41 MPH
39 X X	(XXXXXXXXXXXXXX	X X X X X X X X	25	8%	79% *	-
		x x x x x x x x x x x x x x x x	24	7%	71% P	50TH %:35 MPH % IN PACE:75%
		x x x x x x x x x x x	25	8%	63% A	
		x x x x x x x x x x x x x x x	25	8%	56% C	
	(XXXXXXXXXXXXXX		21	7% 9%	48% E 41% *	
		X X X X X X X X X X X X X X X X X X X	28	9% 6%	33% *	AVERAGE SPEED: 35 MPH % UNDER PACE: 21%
		X X X X X X X X X X X X X X X X X X X	20 19	6%	27% *	
32 X X 31 X		X X X X X X X X X X X X X X X X X X X	11	3%	21%	COMMENTS AND/OR RECOMMENDATIONS:
		X X X X X X X X X X X X X X X X X X X	29	9%	17%	COMMENTS AND/OR RECOMMENDATIONS.
		XXXXXXX	12	4%	8%	This speed zone satisfies the conditions of Section 627 of the California Vehicle Code (CVC) and has
28 X X			3	1%	5%	
27		X	1	0%	4%	been prepared and evaluated in accordance with the California Manual on Uniform Traffic Control
26		хх	2	1%	3%	Devices (CA MUTCD), with application of CVC Section 21400(b). A speed limit posting of 35 MPH Is
25 X X		XXXXX	8	2%	3%	found to be appropriate and justified.
24		x	1	0%	0%	
23			0	0%	0%	
22			0	0%	0%	OBSERVED BY: Transportation Studies, Inc. STUDY PREPARED BY: Jane Mrotek
21			0	0%	0%	
20			0	0%	0%	DECOMPTION APPROVED BY A Master Magnetic DE TE DECE
19			0	0%	0%	RECOMMENDATION APPROVED BY: Nestor Mangohig, PE, TE, PTOE
18			0	0%	0%	
17			0	0%	0%	
16			0	0%	0%	PER CVC 40802, SURVEY EXPIRES: 12/7/2023
15			0	0%	0%	
	L NUMBER OF VEHICLES =	323	323	100%		

ORDINANCE NO. 1672

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF SAN CLEMENTE, CALIFORNIA, AMENDING CHAPTER 10 OF THE MUNICIPAL CODE CONCERNING SPEED ZONES ON CITY STREETS

WHEREAS, the City has conducted speed surveys and engineering studies upon existing and new streets in the City; and

WHEREAS, the Planning Commission at their regular meeting of April 17, 2019 made a recommendation to the City Council to approve the establishment of speed limits based on recent Engineering and Traffic Survey.

NOW, THEREFORE, the City Council of the City of San Clemente, California, hereby ordains as follows:

Section 1: Section 10.16.020 of the Municipal Code of the City of San Clemente is hereby amended to read in its entirety as follows:

10.16.020 Decrease of state law maximum speed.

It is determined upon the basis of an engineering and traffic investigation that the speed permitted by state law outside of business and residential districts as applicable upon the following streets is greater than is reasonable or safe under the conditions found to exist upon such streets, and it is declared that the prima facie speed limit shall be as herein set forth on those streets or parts of streets herein designated when signs are erected giving notice thereof:

Name of Street or Portion Affected

Declared Prima Facie Speed Limit

Acapulco, Avenida Thirty-five miles per hour from Avenida San Pablo to Avenida San Pablo

Aguilla, Calle
Thirty miles per hour from Avenida Vista Montana to Calle
Pastadero

Altea, Calle from Calle Pedriza to terminus

Thirty-five miles per hour

Mares, Camino de Los Forty-five miles per hour from Avenida Vaquero to its easterly City limit

Mira Costa, Camino Thirty-five miles per hour from Camino de Estrella to Camino Capistrano

Montana, Avenida Vista Thirty-five miles per hour from Calle Del Cerro to Calle Del Cerro

Negocio, Calle Thirty-five miles per hour from Calle Amanecer to its terminus

Pastadero, Calle Thirty miles per hour from Avenida Vista Montana to its terminus

Pico, Avenida Thirty-five miles per hour from El Camino Real to Calle Frontera/
Avenida Presidio

Pico, Avenida Forty-five miles per hour from Calle Frontera/Avenida Presidio to Avenida La Pata

Pico, Avenida Fifty miles per hour from Avenida La Pata to east City limits

Portico Del Sur/Norte Thirty-five miles per hour from Camino de Los Mares to Camino de Los Mares

Real, El Camino (Pacific Coast Highway) Forty-five miles per hour from Camino Capistrano to Avenida Estacion

Real, El Camino Thirty-five miles per hour from Avenida Estacion to El Portal

Real, El Camino Thirty miles per hour from El Portal to Avenida Valencia

Amanecer, Calle from Avenida Pico to Avenida La Pata

Thirty-five miles per hour

Califia, Avenida from Avenida Del Presidente to terminus

Twenty-five miles per hour

Capistrano, Camino from El Camino Real to north City limit

Thirty miles per hour

Cerro, Calle Del from Avenida Pico to Iower Avenida Vista Montana (west)

Thirty-five miles per hour

Cerro, Calle Del from lower Avenida Vista Montana (west) to Avenida La Pata

Thirty-five miles per hour

Del Rio, Camino from Camino de Los Mares to easterly terminus

Forty miles per hour

Faro, Camino from Calle Frontera to Avenida Vista Hermosa

Twenty-five miles per hour

Frontera, Calle from Avenida Pico to to 600' s/o Caudra

Thirty miles per hour

Hermosa, Avenida Vista from Interstate 5 to Camino Vera Cruz

Forty miles per hour

Hermosa, Avenida Vista from Camino Vera Gruz to Avenida Pico

Forty-five miles per hour

La Pata, Avenida from Calle Saluda to South City Limits

Forty-five miles per hour

La Pedriza, Camino from Avenida Vista Hermosa to Avenida Pico

Forty miles per hour

Thirty-five miles per hour Real, El Camino from Avenida Valencia to southern City Limit Thirty-five miles per hour Saluda, Calle From Avenida La Pata to Avenida Talega Thirty-five miles per hour San Pablo, Avenida from Avenida Acapulco to northerly terminus Sarmentoso, Calle Thirty miles per hour from Camino Vera Cruz to Camino Del Rio Talega, Avenida Thirty-five miles per hour from Avenida Vista Hermosa to Calle Saluda Forty miles per hour Talega, Avenida from Calle Saluda to East City Limit Thirty miles per hour Vaquero, Avenida from Camino de Los Mares to Camino Capistrano Forty miles per hour Vera Cruz, Camino from Avenida Pico to Via Blanco Thirty-five miles per hour Vera Cruz, Camino from Via Blanco to Camino De Los Mares Section 2: The City Clerk shall certify to the passage of this ordinance and cause the same to be published as required by law, and the same shall take effect as provided by law. APPROVED AND ADOPTED this 4th day of ___ June , 2019 ATTEST: City Clerk of the City of Mayor Pro Tem of the City of San San Clemente, California

Clemente, California

COUNTY OF	CALIFORNIA) FORANGE) ss. N CLEMENTE)
May 21, 20 unanimously Council held	ANNE BAADE, City Clerk of the City of San Clemente, California, hereby Ordinance No. 1672 having been regularly introduced at the meeting of 1999, was again introduced, the reading in full thereof waived, and duly passed and adopted at a regular meeting of the City on the 4th day of June, 2019_, and said ordinance was the following vote:
AYES:	FERGUSON, HAMM, WARD, MAYOR PRO TEM BANE
NOES:	NONE
ABSENT:	NONE
IN WITNESS City of San	WHEREOF, I have hereunto set my hand and affixed the official seal of the Clemente, California, this // day of JUNE.
	CITY CLERK of the City of San Clemente, California

/ LATE

CITY ATTORNEY



TRAFFIC RADAR CERTIFICATION TEXTED TO NETSA SPECIFICATIONS; LACE CRITICAL PERFORMANCE STANDARDS

TESTED TO NETSA SPECIFICATIONS: LACP CRIT (CAL PERFORMANCE STANDARDS
(NETSA) Netional Highway and Tracine Safety Administration.
(LACP) International Association of Chiefs of Police

16202 Keats Circle Westminster, Calif. 92683 R. H.F. 4s a certified independent noting and repair facility...

1	TEST ID	Date Received	8	Certification	085					
	DE100E B	Make: Kustom Electronics	Model: Fal		Турс	Directional radar □ Yes ■ No	Same directi	on No		
2 DEVICE ID		Counting unit S/N	Road Runner III Antenna-1 S/N N/A				Antenna-2 S/N	N/A	22 140	
§ 2.4 / § 5.4		Low speed fork S/N		date calib.	Freq. (His		Speed (mph)	Measured (Hz)	7000	
3	TUNING FORK CALIBRATION	High speed fork S/N	Last	date calib.	Freq. (Hz	:)	Speed (mph)	Measured (Hz)	PASS	FA
			140 400			o fork		High fork	_	_
1			1	speed (mph)		35		65		
	\$2.5/\$5.5	Stationary mode	Disp. 5	Speed (mph)		35		65	_	
4	RADAR DEVICE TUNING FORK TESTS	Moving mode Opposite Direction	100000000000000000000000000000000000000	T SPEED - Lo fork)	Expected (mph)		D	isplayed. nph) N/A	PASS	FAJ
		Moving mode Same Direction	Hi fork	T SPEED + Lo fork - Lo fork	Expected (mpb)	N/		isplayed. nph) N/A		
	§ 2.6.1. / § 5.6.1	Standard supply Voltage (V) 13		Antenna I	24.1	20	Antenna 2 Freq. GHz			
5	TRANSMISSION	Standard supply		Antenna 1	24.160		Antenna 2		(PASS)	FA
	PRECUENCY	Voltage - 20% (V) 16 Standard supply voltage + 20% (V) 16		Freq. GHz Antenna I Freq. GHz			Freq. GHz Antenna 2 Freq. GHz			1741
6	§ 2.6.5 / § 5.6.5 POWER DENSITY	Mfg, Spec.	5	Antenna 1 Power (mW/en	1.1		Antenna 2	Antenna 2 Power (mW/em) N/A		FA
7	§ 2.8/§ 5.R LOW VOLTAGE	Mfg. spec. (V) ≤ 10.8 V		LVA activates			tivates 10.5	(PASS)	FA	
8	§ 2.9.1 / § 5.9.1 DOPPLER AUDIO	A. Audio tone correla					er Yes	□ }io	PASS	FA:
9	§ 2.12.4 / § 5.12.4 INTERNAL CIRCUIT	B. Functioning audio volume-adjustment control of Yes D No Mfg. Spec. Test results 32							PASS	FA
10	§ 2.12.6.5 / § 5.12.6.5 DIRECTIONAL	Selects only target Selects only target			ar	D Ye		dna. dna	PASS	FA
	Dittectionite	Sezienacy enede:		Low speed spe	c. 20		Lo speed	disp. 20		
		स्त्रष्टाः क्रायान् (क्रिप्र)		Hi speed spec.	199		Hi speed o	lisp. 199		
	§ 2.12.71 § 2.12.81 5.12.71 5.12.8	Moving Mode		Low speed spe	c. N/A		Lo speed			
10	SPEED DISPLAY	BUTE Gravital (Laby)		Hi speed spec.		a. N/A		tisp. N/A	PASS	FA
	TEST	Moving Mode:		Low speed spe	ec. N/A		Lo speed	disp. N/A		
		patrol channel (mph)	nel (moh)		Hi speed spec. N/A		Hi speed o	tisp. N/A		
12	§ 2.13 / § 5.13 RF1 TEST								(PASS)	FA
13	LABORATORY COMMENTS									
14	NHTSAFACP CERTUICATURE	This radar device High way Sufety A Certified by:							ional Traffi 1 PASS □	FAI
15	INVENTORY	D Fork Cert	Magua	1 0 200	Ant	o i	Remote	D Bat.	70	



TRAFFIC RADAR CERTIFICATION TESTED TO NETSA SPECIFICATIONS / FACE CRITICAL PERFORMANCE STANDARDS.

TESTED TO NHTSA SPINCEFICATIONS / FACE CRITICAL PERFORMANCE STANDARDS
(NHTSA) National Englowery and Traffic Safety Administra God(NACE) International Association of Chiefs of Police

16202 Keats Circle Westminster, Calif. 92683

R.H.F. is a securited independent testing and repair facility.

1	TEST ID	Date Received -/	Certification	3086							
	WD- (4D 10	Make: Kustom Electronics	Model: Fa	lcon and Runner	Тур	e (L·IV)		rectional radar Yes z No	Same direction	Same direction O Yes No	
2	DEVICE ID	Counting unit S/N RR 2200	Antenna-1 S/N N/A					N/A			
	\$24/\$5.4	Low speed fork S/N	Last	date calib.	Freq. (Hz	()	Speed (mpl	n) Me	easured (Hz)		_
3	TUNING PORK CALIBRATION	High speed fork S/N Las		Last date calib.		Freq. (Hz)		h) Mo	Measured (Hz) Z		FAIL
			\$100 dt	(2 · 2) (2 ph/24		Lo for	k		High fork		
		000' 11 14	Fee 1. 10	pe (mph)		35			65		
	§ 2.5 / § 5.5	Seriosary mode	Disp. S	speed (mph)		35	-		65		
6	RADAR DEVICE TUNING PORK TESTS	Moving mode Opposite Direction	-	T SPEED - Lo fork)	Expected (mph)		/A	Displaye (mph)	N/A	PASS	FAE
		Moving mode Same Direction	Hi fork	T SPEED Lo fork Lo fork	Expected (mph)		/A	Displaye (mph)	N/A		
	5761 (544)	Standard supply		Antenna I	0110	011-1		1 2 H=	N/A		
5	\$2.61./\$56.1 IRANSLESSION FREQUENCY STABILITY	Voltage (V) 13.6 V Standard supply Voltage - 20% (V) 10.8 V Standard supply		Adenas !	24.156		Antenna	Freq. GHz N/A Antenna 2		PASS	FAIL
				Antenna 1			Freq. G.		N/A		reut
		voltage + 20% (V)	63.V	Freq. GHz 2 4. 15			Freq. GHz		NA		
6	§ 2.6.5 / § 5.6.5 POWER DENSITY	Mfg. Spec. (max mW/cm) ≤	5	Antenna 1 Power (mW/cm) 4			Antenna 2 Power (mW/cm) N/A			PASS	FAI
7	§ 2.8 / § 5.8 LOW VOLTAGE	Mfg. spec. (V) ≤ 10-5 V		LVA activates 8.9 LVA deact				activates	9.6	PASS	FAI
8	§ 2.9.1 / § 5.9.1 DOPPLER AUDIO	A. Audio tone correl B. Functioning audio				5		No No	PASS	FAI	
9	§ 2.12.4 / § 5.12.4 INTERNAL CIRCUIT	Mfg. Spec. Test results 32 32							PASS	FAI	
10	§ 2.12.6.5 / § 5.12.6.5 DIRECTIONAL	A. Selects only targe B. Selects only targe				0 Y		91	I.A.	PASS	FAI
		Sustanzywode		Low speed spe	ec. 20		Lo spec	d disp.	20		
		त्यक्षित क्षात्रका (तर्क म)		Hi speed spec.		Hi spec	d disp.	199			
	§ 2.12.7/§2.12.8/ \$.12.7/\$.12.8	Mo ving Mode		Low speed spee		ec. N/A		d disp.	N/A		
11	LOW AND HIGH SPEED DISPLAY	NO IEGH		His eed spec.	N/A		His eeddi		N/A	PASS	FAIL
	TEST	Meving Mode:	(ede:		ec. N/	ec. N/A		d disp.	N/A		
		patrol channel (mph)		Hi speed spec. N/A		4	Hi speed d		N/A		
12	§ 2.13 / § 5.13 RFI TEST									PASS	FA
13	LABORATORY COMMENTS									508	
14	NEDSA/AP CONTEXCATION	This radar device Highway Safety A					te Code Se		rds of the Nat 10802 &	PASS [
15	INVENTORY	□ Fork Cert □ Carrying Case	Manual Other:		d Ant.	6	Remote	c B	at		

CERTIFICATE OF COMPLETION THIS IS TO CERTIFY THAT –

- 1. Edell M. Braucksiek of Transportation Studies Inc. has successfully completed a Radar Operator course. This was based upon the national standards as outlined by the National Highway Traffic Safety Administration, and the national text "Understanding Police Traffic Radar and Laser" by Les Langford. This instructor is Steve Chauncey, a police officer since 1981 and a California P.O.S.T. certified Radar and Laser Instructor since 1991.
- Edell M. Braucksiek completed the classroom instruction on operation and theory of Radar devices, case law, traffic and engineering surveys, FCC regulations, the California Vehicle Code and California case law as well as the test, set-up, operation and identification of erroneous readings.
- Edell M. Braucksiek demonstrated competence in test and set-up of the Radar device as making visual speed estimations and identifying erroneous readings in field settings.
- 4. Edell M. Braucksiek of Transportation Studies Inc. is hereby certified as having completed a course of instruction for the purposes of Radar operation for determining car counts and raw data for traffic and engineering surveys as out lined in sections 627 and the 40800 series of the California Vehicle Code, Chapter 8 of the former Cal Trans Manual and applicable sections of Chapter 2 of MUTCD up to and including Revision 09-04 issued June 29, 2009. This certification is awarded on this 3rd Day of March, 2012.

Steve Chauncey

P.O.S.T. Certified Radar Instructor