

TRAFFIC SAFETY COMMISSION AGENDA STATEMENT

Item 5.2
Meeting Date 12/12/24

ITEM TITLE: RESOLUTION OF THE SAFETY COMMISSION OF THE CITY OF CHULA VISTA RECOMMENDING THAT THE CHULA VISTA CITY COUNCIL REDUCE THE EXISTING SPEED LIMIT ON OLYMPIC PARKWAY BETWEEN HUNTE PARKWAY AND OLYMPIC VISTA ROAD FROM 50 MPH TO 45 MPH, AND THAT SCHEDULE X OF THE REGISTER MAINTAINED IN THE OFFICE OF THE CITY ENGINEER BE AMENDED TO REFLECT THESE SPEED LIMITS

SUBMITTED BY: City Traffic Engineer

Staff completed an Engineering and Traffic Survey for a segment of Olympic Parkway in accordance with the California Vehicle Code, which indicates that the posting of speed limits be determined by an Engineering and Traffic Survey for each street with a posted speed limit within the City (with some exceptions). Based on the results of the speed survey, staff has determined that the speed limit on Olympic Parkway between Hunt Parkway and Olympic Vista Road be reduced from 50 mph to 45 mph (see Attachment "A", Location Plat).

RECOMMENDATION: That the Traffic Safety Commission concur with staff and recommend that the Chula Vista City Council reduce the existing speed limit on Olympic Parkway between Hunt Parkway and Olympic Vista Road from 50 mph to 45 mph, and that Schedule X of the register maintained in the Office of the City Engineer be amended to reflect these speed limits

DISCUSSION:

The California Vehicle Code (CVC) establishes minimum and maximum prima facie speed limits for all streets in the State. The minimum prima facie speed limit is 25 miles per hour (MPH) and the maximum speed limit is 65 MPH and an engineering and traffic survey (E&TS) is required to change the prima facie and/or update various speed limits in the City.

The CVC requires that local agencies review changes in local speed limits every five to ten years to determine if the existing street segment speed limits require updating due to the age of the engineering and traffic survey or due to changes in roadway and traffic conditions.

Currently, the existing posted speed limit on Olympic Parkway between Hunt Parkway and Olympic Vista Road is 50 mph.

City staff completed a speed survey for above segments in accordance with the California Vehicle Code. As described in the California Vehicle Code, the survey shall include:

- (1) Prevailing speeds as determined by traffic engineering measurements;
- (2) Accident records;
- (3) Traffic/roadside conditions not readily apparent to the driver.

Physical Conditions

The following information describes the existing conditions along of Olympic Parkway:

- Classification Between Olympic Parkway between Hunte Parkway and Olympic Vista Road – Four Lane Major Arterial.
- Length/Width – 2,428 feet (0.46 miles) long and 88' to 92' wide.
- Average Daily Traffic: 12,241
- Number of Lanes: Four lanes with Raised Median (2 per direction).
- Existing Speed Limit – Posted 50 mph.
- 85% Percentile Speed: 48 mph.
- Striping – Four lanes of traffic with a raised median.
- Parking – Parking is not allowed along both side of this segment.
- Bike Lanes in both directions.
- Horizontal Alignment – Horizontal Curve east of Hunte Parkway.
- Accident Rate History – The accident rate at this segment is 0.32 (WB)/0.33 (EB) accidents per million vehicle miles, which is lower than the rate of 1.00 for similar roadways in the State of California (2021).

CONCLUSION:

When speed limits are appropriately established the following objectives are achieved:

- Meaningful, unambiguous enforcement
- Voluntary public compliance
- Clear identification of the unreasonable violator
- Elimination of unjustifiable “tolerances” of higher speed travel

Based on the 85th percentile speed of the roadway, as well as the collision rate outlined in the Engineering/Traffic Survey, staff has determined that the speed limit on Olympic Parkway between Hunte Parkway and Olympic Vista Road be reduced from 50 mph to 45 mph.

Should the City Council establish the proposed 45 mph speed limit, Schedule X of the register maintained in the Office of the City Engineer be amended to reflect the speed limit decrease:

- Olympic Parkway between Hunte Parkway and Olympic Vista Road, proposed Speed Limit decrease to 45 mph.

FISCAL IMPACT:

The decrease of the speed limit would require the posting of new speed limit signs and speed limit pavement legends. This work will be funded by an existing Traffic Engineering Capital Improvement Project, TRF-0332, Signing and Striping Program.

Attachments:

1. Location Plat
2. Speed Survey

RESOLUTION NO. TSC-2024-003

RESOLUTION OF THE TRAFFIC SAFETY COMMISSION OF THE CITY OF CHULA VISTA RECOMMENDING THAT THE CHULA VISTA CITY COUNCIL DECREASE THE EXISTING SPEED LIMIT ON OLYMPIC PARKWAY BETWEEN HUNTE PARKWAY TO OLYMPIC VISTA ROAD FROM 50 MPH TO 45 MPH, AND THAT SCHEDULE X OF THE REGISTER MAINTAINED IN THE OFFICE OF THE CITY ENGINEER BE AMENDED TO REFLECT THE REVISED SPEED LIMIT

WHEREAS, staff completed an Engineering and Traffic Survey (E&TS) on a segment of Olympic Parkway from Hunte Parkway to Olympic Vista Road in accordance with the California Vehicle Code (CVC), which stipulates that posted speed limits be determined by an Engineering and Traffic Survey for each street with a posted speed limit within the City; and

WHEREAS, as described in the CVC, the E&TS shall include: 1) Prevailing speeds as determined by traffic engineering measurements; 2) Collision records; and 3) Traffic/roadside conditions not apparent to the driver; and

WHEREAS, the California Manual on Uniform Traffic Control Devices (CA MUTCD) states that the speed limit shall be established at the nearest 5 mph increment of the 85th percentile speed. Also, if the 5-mph reduction is applied, the E&TS shall document in writing the conditions and justification for the lower speed limit and be approved by a registered Civil or Traffic Engineer; and

WHEREAS, the CVC indicates that an E&TS may be valid (and thus enforceable by the Police Department) for a period of up to fourteen (14) years or a time when conditions of the roadway change, whichever is sooner; and

WHEREAS, with a valid E&TS, the posted speed limit on street can be enforced “prima facie,” which means that the Police Department can use RADAR/LIDAR technology to enforce the speed limit and the burden of proving whether the driver was proceeding at a safe speed is on the driver; and

WHEREAS, denial of this resolution perpetuates the expired status of the E&TS for Olympic Parkway such that the Police Department will be unable to enforce the posted speed limit using RADAR/LIDAR technology; and

WHEREAS, based on the 85th percentile speed of the roadway and the collision rate referenced in the E&TS, staff has determined that speed limit on Olympic Parkway between Hunte Parkway and Olympic Vista Road should be decreased from 50 mph to 45 mph; and

NOW, THEREFORE, BE IT RESOLVED that the Traffic Safety Commission of the City of Chula Vista does hereby recommend that the City Council, establish the proposed 45 mph speed limit and that Schedule X of the register maintained in the Office of the City Engineer be amended to reflect the speed limit increase as follows:

Resolution No. TSC 2024-003

Page 2

- Olympic Parkway, beginning at Hunte Parkway Street and ending at Olympic Vista Road, proposed speed limit decrease to 45 mph.

PASSED AND APPROVED by the Traffic Safety Commission of the City of Chula Vista, California, the 12th day of December 2024, by the following vote:

AYES: Commissioners: Caudillo, DeMarco, Luke, Marroquin

NAYS: Commissioners: None

ABSENT: Commissioners: Becerra Firsht, Flores, Orso-Delgado



Pedro Orso-Delgado, Chair

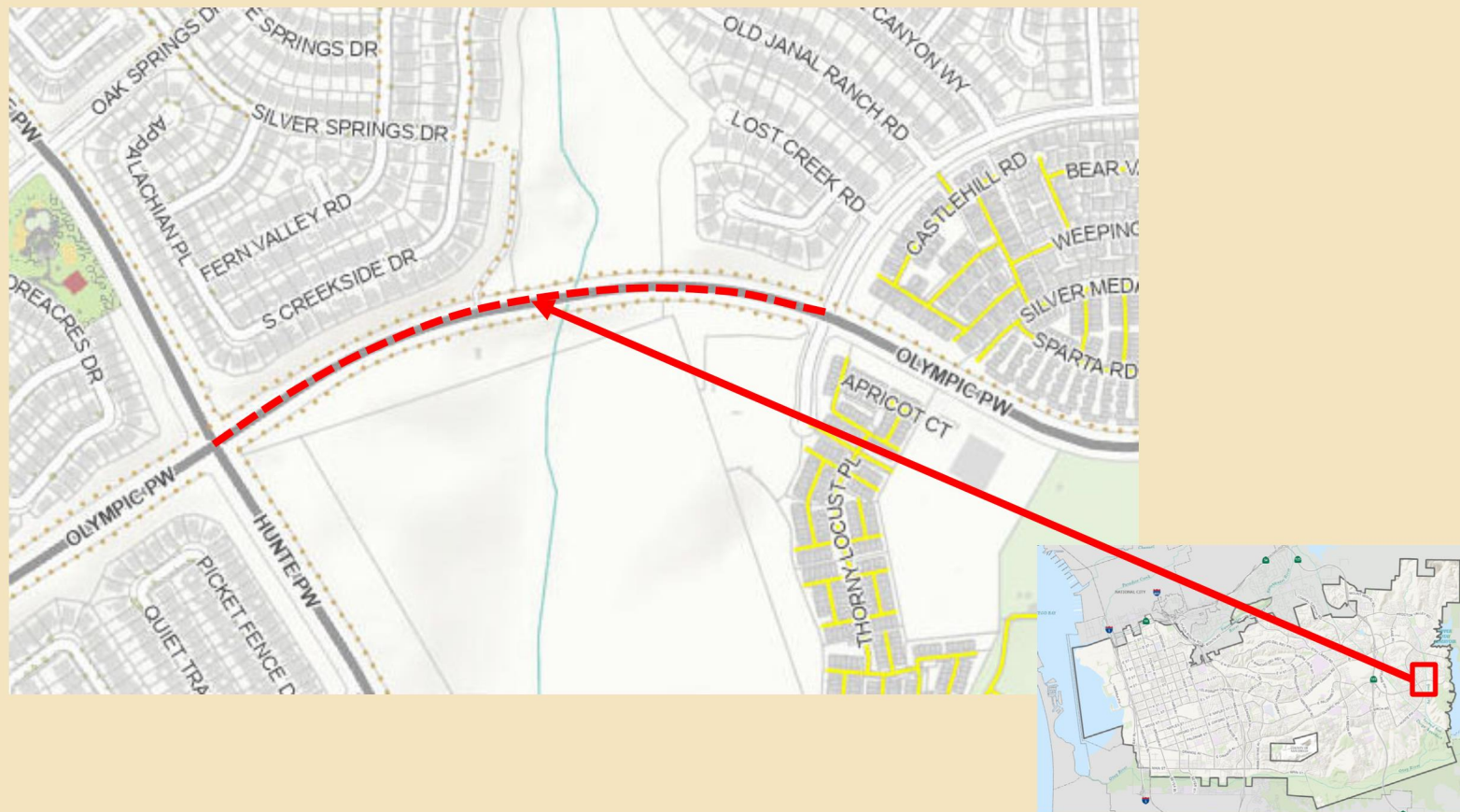
ATTEST:



Florence Picardal, Secretary



OLYMPIC PARKWAY BETWEEN OLYMPIC VISTA ROAD AND HUNTE PARKWAY LOCATION MAP



Segment #19

Olympic Parkway (WB) between Olympic Vista Road and
Hunte Parkway



CITY OF CHULA VISTA ENGINEERING & TRAFFIC SURVEY

Radar
Enforceable?
YES

Street:	Olympic Parkway (WB)		
From:	Olympic Vista Road	To:	Hunte Parkway

Date of Speed Survey:	8/20/2024
Critical Speed (85th)	48 MPH
50th Percentile	44 MPH
Existing Posted Speed Limit	50 MPH
10 MPH Pace	39-48 MPH
Percent in Pace	79%

Street Classification:	Minor Arterial (Divided)
Length of Street Segment:	0.46 miles
Average Daily Traffic:	6,225
Total Accidents (3 years):	1
Evaluation Period:	January 1, 2019 – December 31, 2021
Accident Rate (MVM):	0.32
California Statewide Accidents Rate (MVM, 2019-2021):	1.00

Justification: When the nearest 5 mph increment of the 85th-percentile speed would require a rounding up, the speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used (CVC 22358.6(c); CA-MUTCD Section 2B.13, standard 12a, Option 2).

TRAFFIC ENGINEER'S RECOMMENDATIONS/AUTHORITY:

Posted Speed Limit: **45 MPH**

This survey was prepared in accordance with the requirements of Section 627 of the California Vehicle Code using methods prescribed in Section 2B.13 of the California Manual on Uniform Traffic Control Devices. Based on the measured critical speeds, it is appropriate and justified to recommend the posted speed limit be 45 MPH along the subject segment of the road.

APPROVALS:

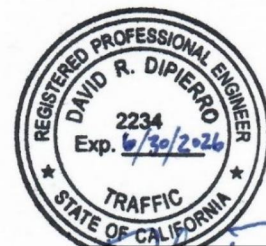
- ☐ Recertification of the existing speed zone per Sections 22357, 22358, and 40802 of the California Vehicle Code
- ☒ Establishment of new speed zone

APPROVED:



DATE: November 20, 2024

David DiPierro, TE
STC Traffic, Inc.



City of Chula Vista

Radar Speed Survey

			MPH	Vehicles Surveyed				TOT.
Speed	EB	WB		Eastbound		Westbound		VEH.
65	0	0	65					0
64	0	0	64					0
63	0	0	63					0
62	0	0	62					0
61	0	0	61					0
60	0	0	60					0
59	0	0	59					0
58	0	0	58					0
57	0	0	57					0
56	0	0	56					0
55	0	0	55					0
54	0	1	54			X		1
53	0	2	53			X X		2
52	0	5	52			X X X X X		5
51	0	0	51					0
50	0	1	50			X		1
49	0	6	49			X X X X X X		6
48	0	5	48			X X X X X		5
47	0	6	47			X X X X X X		6
46	0	6	46			X X X X X X		6
45	0	14	45			X X X X X X X X X X X X X		14
44	0	11	44			X X X X X X X X X X X		11
43	0	10	43			X X X X X X X X X X X		10
42	0	6	42			X X X X X X X		6
41	0	10	41			X X X X X X X X X X X		10
40	0	4	40			X X X X		4
39	0	7	39			X X X X X X X X		7
38	0	2	38			X X		2
37	0	1	37			X		1
36	0	1	36			X		1
35	0	2	35			X X		2
34	0	0	34					0
33	0	0	33					0
32	0	0	32					0
31	0	0	31					0
30	0	0	30					0
29	0	0	29					0
28	0	0	28					0
27	0	0	27					0
26	0	0	26					0
25	0	0	25					0
24	0	0	24					0
23	0	0	23					0
22	0	0	22					0
21	0	0	21					0
20	0	0	20					0
19	0	0	19					0
18	0	0	18					0
17	0	0	17					0
16	0	0	16					0
15	0	0	15					0
Total	0	100		GRAND TOTALS				100

Location: Olympic Parkway Westbound

Between: Hunte Parkway - Olympic Vista Road

Weather: Clear

Date: 8/20/24

Time From: 12:45

Time To: 1:25

* Existing Speed Limit: 45 MPH

P
A
C
E
*

% Over Pace: 15%

% In Pace: 79%

% Under Pace: 6%

Average Speed: 44 MPH

Pace Speed: 39 - 48 MPH

15th Percentile / Critical Speed: 40 MPH

50th Percentile / Critical Speed: 44 MPH

85th Percentile / Critical Speed: 48 MPH



Radar Survey Conducted By:
Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92880

T 951-268-6268 F 951-268-6267

VOLUME

Olympic Pkwy Bet. Hunte Pkwy & Olympic Vista Rd

Day: Tuesday
Date: 1/31/2023City: Chula Vista
Project #: CA22_040020_027

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						6,016	6,225						12,241
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
0:00			15	3	18		12:00			63	91	154							
0:15			15	12	27		12:15			63	84	147							
0:30			15	3	18		12:30			80	70	150							
0:45			8	53	8	26	12:45			75	281	89	334	164	615				
1:00			5	5	10		13:00			84	77	161							
1:15			2	0	2		13:15			67	69	136							
1:30			2	3	5		13:30			62	91	153							
1:45			1	10	1	9	13:45			106	319	79	316	185	635				
2:00			6	1	7		14:00			86	115	201							
2:15			3	5	8		14:15			77	105	182							
2:30			3	4	7		14:30			88	128	216							
2:45			1	13	5	15	14:45			104	355	102	450	206	805				
3:00			1	8	9		15:00			135	91	226							
3:15			4	9	13		15:15			132	97	229							
3:30			0	5	5		15:30			124	100	224							
3:45			3	8	10	32	15:45			169	560	102	390	271	950				
4:00			1	11	12		16:00			159	94	253							
4:15			5	9	14		16:15			142	97	239							
4:30			1	15	16		16:30			148	108	256							
4:45			5	12	34	69	16:45			153	602	115	414	268	1016				
5:00			9	44	53		17:00			147	113	260							
5:15			6	46	52		17:15			144	132	276							
5:30			7	64	71		17:30			151	89	240							
5:45			15	37	59	213	17:45			143	585	100	434	243	1019				
6:00			19	84	103		18:00			141	96	237							
6:15			27	61	88		18:15			99	107	206							
6:30			23	98	121		18:30			145	95	240							
6:45			32	101	106	349	18:45			132	517	88	386	220	903				
7:00			34	135	169		19:00			109	78	187							
7:15			53	150	203		19:15			103	63	166							
7:30			61	180	241		19:30			100	52	152							
7:45			87	235	211	676	19:45			102	414	40	233	142	647				
8:00			78	225	303		20:00			93	76	169							
8:15			122	103	225		20:15			94	56	150							
8:30			101	114	215		20:30			67	34	101							
8:45			105	406	77	519	20:45			87	341	30	196	117	537				
9:00			68	125	193		21:00			52	32	84							
9:15			62	81	143		21:15			56	39	95							
9:30			56	90	146		21:30			45	25	70							
9:45			62	248	75	371	21:45			48	201	31	127	79	328				
10:00			59	62	121		22:00			47	14	61							
10:15			49	67	116		22:15			42	18	60							
10:30			49	62	111		22:30			31	22	53							
10:45			54	211	70	261	22:45			36	156	21	75	57	231				
11:00			66	77	143		23:00			27	11	38							
11:15			62	72	134		23:15			26	4	30							
11:30			47	72	119		23:30			20	10	30							
11:45			92	267	74	295	23:45			11	84	10	35	21	119				
TOTALS			1601	2835	4436		TOTALS			4415	3390	7805							
SPLIT %			36.1%	63.9%	36.2%		SPLIT %			56.6%	43.4%	63.8%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						6,016	6,225						12,241
AM Peak Hour			8:00	7:15	7:30		PM Peak Hour			15:45	16:30	16:30							
AM Pk Volume			406	766	1067		PM Pk Volume			618	468	1060							
Pk Hr Factor			0.832	0.851	0.880		Pk Hr Factor			0.914	0.886	0.960							
7 - 9 Volume	0	0	641	1195	1836		4 - 6 Volume	0	0	1187	848	2035							
7 - 9 Peak Hour			8:00	7:15	7:30		4 - 6 Peak Hour			16:00	16:30	16:30							
7 - 9 Pk Volume	0	0	406	766	1067		4 - 6 Pk Volume	0	0	602	468	1060							
Pk Hr Factor	0.000	0.000	0.832	0.851	0.880		Pk Hr Factor	0.000	0.000	0.947	0.886	0.960							

City of Chula Vista

Engineering and Traffic Speed Survey

Prepared in accordance with CVC 627, 22357, and 22358, and Revision 8 of the 2014 California Manual on Uniform Traffic Control Devices, effective January 11, 2024.

Street

Olympic Parkway (WB) between Olympic Vista Road and Hunte Parkway

Direction

85th Percentile

48 mph

Block Range

Posted Speed Limit

45 mph

Street Class

Radar Enforceable

Yes

Speeds Were Collected

08/20/24

High Crash Rate

Higher than Statewide Average?

Speeds Were Collected

12:45 pm

Note

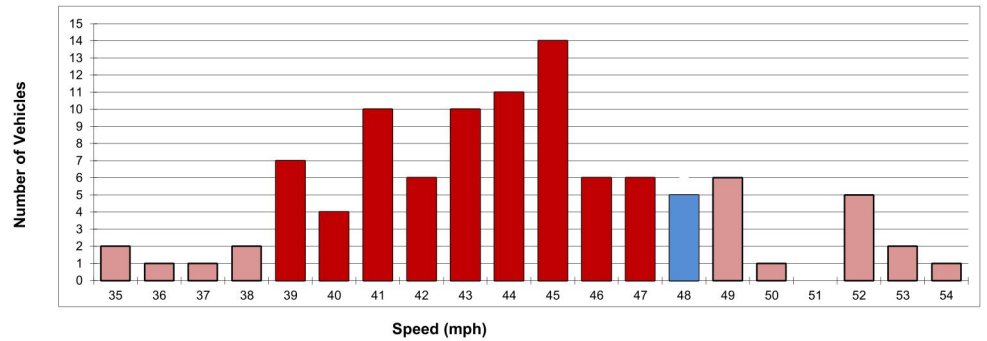
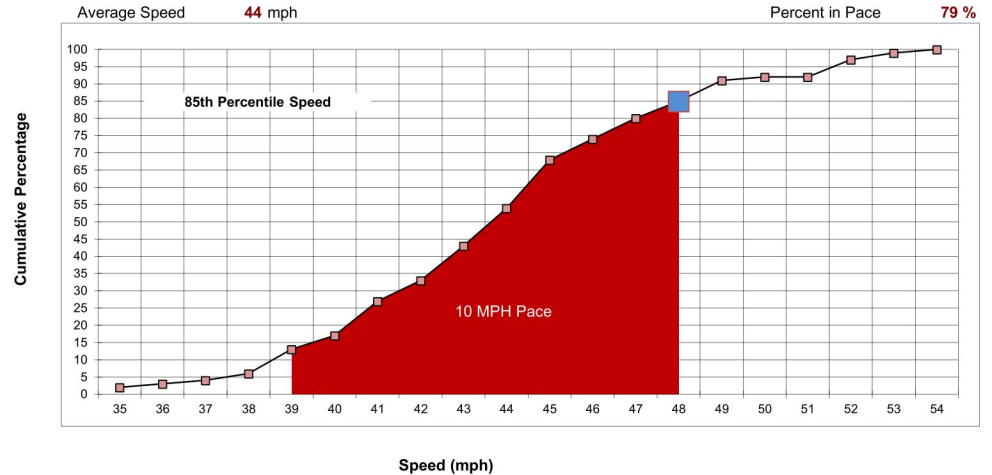
None

Observer

Counts Unlimited

Condition(s) Not Apparent

Range of Speeds 35 to 54			
Speed (MPH)	No. (cars)	Pct. (%)	Cum. Pct. (%)
35	2	2	2
36	1	1	3
37	1	1	4
38	2	2	6
39	7	7	13
40	4	4	17
41	10	10	27
42	6	6	33
43	10	10	43
44	11	11	54
45	14	14	68
46	6	6	74
47	6	6	80
48	5	5	85
49	6	6	91
50	1	1	92
51	0	0	92
52	5	5	97
53	2	2	99
54	1	1	100
55	0	0	100
56	0	0	100
57	0	0	100
58	0	0	100
59	0	0	100
60	0	0	100
61	0	0	100
62	0	0	100
63	0	0	100
64	0	0	100
65	0	0	100
66	0	0	100
67	0	0	100
68	0	0	100
69	0	0	100
70	0	0	100
71	0	0	100
72	0	0	100
73	0	0	100
74	0	0	100
75	0	0	100
76	0	0	100
77	0	0	100



Segment #20

Olympic Parkway (EB) between Hunte Parkway and Olympic Vista Road



CITY OF CHULA VISTA ENGINEERING & TRAFFIC SURVEY

Radar
Enforceable?
YES

Street:	Olympic Parkway (EB)		
From:	Hunte Parkway	To:	Olympic Vista Road

Date of Speed Survey:	8/20/2024
Critical Speed (85th)	48 MPH
50th Percentile	43 MPH
Existing Posted Speed Limit	50 MPH
10 MPH Pace	38-47 MPH
Percent in Pace	77%

Street Classification:	Minor Arterial (Divided)
Length of Street Segment:	0.46 miles
Average Daily Traffic:	6,016
Total Accidents (3 years):	1
Evaluation Period:	January 1, 2019 – December 31, 2021
Accident Rate (MVM):	0.33
California Statewide Accidents Rate (MVM, 2019-2021):	1.00

Justification: When the nearest 5 mph increment of the 85th-percentile speed would require a rounding up, the speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used (CVC 22358.6(c); CA-MUTCD Section 2B.13, standard 12a, Option 2).

TRAFFIC ENGINEER'S RECOMMENDATIONS/AUTHORITY:

Posted Speed Limit: **45 MPH**

This survey was prepared in accordance with the requirements of Section 627 of the California Vehicle Code using methods prescribed in Section 2B.13 of the California Manual on Uniform Traffic Control Devices. Based on the measured critical speeds, it is appropriate and justified to recommend the posted speed limit be 45 MPH along the subject segment of the road.

APPROVALS:

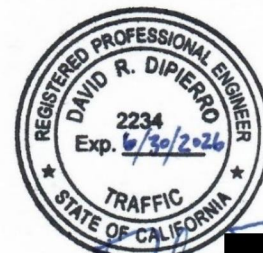
- ☐ Recertification of the existing speed zone per Sections 22357, 22358, and 40802 of the California Vehicle Code
- ☒ Establishment of new speed zone

APPROVED:



David DiPierro, TE
STC Traffic, Inc.

DATE: November 20, 2024



City of Chula Vista

Radar Speed Survey

			MPH	Vehicles Surveyed				TOT.
Speed	EB	WB		Eastbound		Westbound		VEH.
65	0	0	65					0
64	0	0	64					0
63	0	0	63					0
62	0	0	62					0
61	0	0	61					0
60	0	0	60					0
59	0	0	59					0
58	0	0	58					0
57	0	0	57					0
56	0	0	56					0
55	0	0	55					0
54	2	0	54	X	X			2
53	0	0	53					0
52	3	0	52	X	X	X		3
51	4	0	51	X	X	X	X	4
50	1	0	50	X				1
49	4	0	49	X	X	X	X	4
48	5	0	48	X	X	X	X	5
47	5	0	47	X	X	X	X	5
46	10	0	46	X	X	X	X	10
45	3	0	45	X	X	X		3
44	7	0	44	X	X	X	X	7
43	11	0	43	X	X	X	X	11
42	10	0	42	X	X	X	X	10
41	11	0	41	X	X	X	X	11
40	6	0	40	X	X	X	X	6
39	7	0	39	X	X	X	X	7
38	7	0	38	X	X	X	X	7
37	1	0	37	X				1
36	1	0	36	X				1
35	2	0	35	X	X			2
34	0	0	34					0
33	0	0	33					0
32	0	0	32					0
31	0	0	31					0
30	0	0	30					0
29	0	0	29					0
28	0	0	28					0
27	0	0	27					0
26	0	0	26					0
25	0	0	25					0
24	0	0	24					0
23	0	0	23					0
22	0	0	22					0
21	0	0	21					0
20	0	0	20					0
19	0	0	19					0
18	0	0	18					0
17	0	0	17					0
16	0	0	16					0
15	0	0	15					0
Total	100	0		GRAND TOTALS				100

Location: Olympic Parkway Eastbound

Between: Hunte Parkway - Olympic Vista Road

Weather: Clear

Date: 8/20/24

Time From: 12:45

Time To: 1:25

Existing Speed Limit: 45 MPH

% Over Pace: 19%

% In Pace: 77%

% Under Pace: 4%

Average Speed: 44 MPH

Pace Speed: 38 - 47 MPH

15th Percentile / Critical Speed: 39 MPH

50th Percentile / Critical Speed: 43 MPH

85th Percentile / Critical Speed: 48 MPH



Radar Survey Conducted By:
 Counts Unlimited, Inc.
 PO Box 1178
 Corona, CA 92880
 T 951-268-6268 F 951-268-6267

VOLUME

Olympic Pkwy Bet. Hunte Pkwy & Olympic Vista Rd

Day: Tuesday
Date: 1/31/2023City: Chula Vista
Project #: CA22_040020_027

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						6,016	6,225						12,241
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
0:00			15	3	18		12:00			63	91	154							
0:15			15	12	27		12:15			63	84	147							
0:30			15	3	18		12:30			80	70	150							
0:45			8	53	8	26	12:45			75	281	89	334	164	615				
1:00			5	5	10		13:00			84	77	161							
1:15			2	0	2		13:15			67	69	136							
1:30			2	3	5		13:30			62	91	153							
1:45			1	10	1	9	13:45			106	319	79	316	185	635				
2:00			6	1	7		14:00			86	115	201							
2:15			3	5	8		14:15			77	105	182							
2:30			3	4	7		14:30			88	128	216							
2:45			1	13	5	15	14:45			104	355	102	450	206	805				
3:00			1	8	9		15:00			135	91	226							
3:15			4	9	13		15:15			132	97	229							
3:30			0	5	5		15:30			124	100	224							
3:45			3	8	10	32	15:45			169	560	102	390	271	950				
4:00			1	11	12		16:00			159	94	253							
4:15			5	9	14		16:15			142	97	239							
4:30			1	15	16		16:30			148	108	256							
4:45			5	12	34	69	16:45			153	602	115	414	268	1016				
5:00			9	44	53		17:00			147	113	260							
5:15			6	46	52		17:15			144	132	276							
5:30			7	64	71		17:30			151	89	240							
5:45			15	37	59	213	17:45			143	585	100	434	243	1019				
6:00			19	84	103		18:00			141	96	237							
6:15			27	61	88		18:15			99	107	206							
6:30			23	98	121		18:30			145	95	240							
6:45			32	101	106	349	18:45			132	517	88	386	220	903				
7:00			34	135	169		19:00			109	78	187							
7:15			53	150	203		19:15			103	63	166							
7:30			61	180	241		19:30			100	52	152							
7:45			87	235	211	676	19:45			102	414	40	233	142	647				
8:00			78	225	303		20:00			93	76	169							
8:15			122	103	225		20:15			94	56	150							
8:30			101	114	215		20:30			67	34	101							
8:45			105	406	77	519	20:45			87	341	30	196	117	537				
9:00			68	125	193		21:00			52	32	84							
9:15			62	81	143		21:15			56	39	95							
9:30			56	90	146		21:30			45	25	70							
9:45			62	248	75	371	21:45			48	201	31	127	79	328				
10:00			59	62	121		22:00			47	14	61							
10:15			49	67	116		22:15			42	18	60							
10:30			49	62	111		22:30			31	22	53							
10:45			54	211	70	261	22:45			36	156	21	75	57	231				
11:00			66	77	143		23:00			27	11	38							
11:15			62	72	134		23:15			26	4	30							
11:30			47	72	119		23:30			20	10	30							
11:45			92	267	74	295	23:45			11	84	10	35	21	119				
TOTALS			1601	2835	4436		TOTALS			4415	3390	7805							
SPLIT %			36.1%	63.9%	36.2%		SPLIT %			56.6%	43.4%	63.8%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						6,016	6,225						12,241
AM Peak Hour			8:00	7:15	7:30		PM Peak Hour			15:45	16:30	16:30							
AM Pk Volume			406	766	1067		PM Pk Volume			618	468	1060							
Pk Hr Factor			0.832	0.851	0.880		Pk Hr Factor			0.914	0.886	0.960							
7 - 9 Volume	0	0	641	1195	1836		4 - 6 Volume	0	0	1187	848	2035							
7 - 9 Peak Hour			8:00	7:15	7:30		4 - 6 Peak Hour			16:00	16:30	16:30							
7 - 9 Pk Volume	0	0	406	766	1067		4 - 6 Pk Volume	0	0	602	468	1060							
Pk Hr Factor	0.000	0.000	0.832	0.851	0.880		Pk Hr Factor	0.000	0.000	0.947	0.886	0.960							

City of Chula Vista

Engineering and Traffic Speed Survey

Prepared in accordance with CVC 627, 22357, and 22358, and Revision 8 of the 2014 California Manual on Uniform Traffic Control Devices, effective January 11, 2024.

Street

Olympic Parkway (EB) between Hunte Parkway and Olympic Vista Road

Direction

85th Percentile

48 mph

Block Range

Posted Speed Limit

45 mph

Street Class

Radar Enforceable

Yes

Speeds Were Collected

08/20/24

High Crash Rate

Higher than Statewide Average?

Speeds Were Collected

12:45 pm

Note

None

Observer

Counts Unlimited

Condition(s) Not Apparent

Range of Speeds 35 to 54			
Speed (MPH)	No. (cars)	Pct. (%)	Cum. Pct. (%)
35	2	2	2
36	1	1	3
37	1	1	4
38	7	7	11
39	7	7	18
40	6	6	24
41	11	11	35
42	10	10	45
43	11	11	56
44	7	7	63
45	3	3	66
46	10	10	76
47	5	5	81
48	5	5	86
49	4	4	90
50	1	1	91
51	4	4	95
52	3	3	98
53	0	0	98
54	2	2	100
55	0	0	100
56	0	0	100
57	0	0	100
58	0	0	100
59	0	0	100
60	0	0	100
61	0	0	100
62	0	0	100
63	0	0	100
64	0	0	100
65	0	0	100
66	0	0	100
67	0	0	100
68	0	0	100
69	0	0	100
70	0	0	100
71	0	0	100
72	0	0	100
73	0	0	100
74	0	0	100
75	0	0	100
76	0	0	100
77	0	0	100

