## SPEED LIMIT - ENGINEERING/TRAFFIC SURVEY

STREET: Olympic Parkway

LIMITS: Hunte Parkway - Olympic Vista Road

Length of Segment (ft): 2,424' (0.46 miles)

Existing Posted Limit (mph): Not established (45 mph signs posted)

### SUMMARY OF SPEED SURVEYS

Segment: Hunte Parkway - Olympic Vista Road

Date Taken: 01/10/2017

No. of Vehicles on Sample (cars): 100

85<sup>th</sup> Percentile (mph): 50

Range of Speeds Recorded (mph): 36 - 56

#### ROADWAY CHARACTERISTICS

Width (ft): 88' - 112' curb to curb with 4' - 24' wide raised median

Total No. of Lanes: 4 total lanes (2 per direction)

Horizontal Alignment: A horizontal curve located at Olympic Vista Road with a radius of 1600' over a

length of 467' along the centerline produces a design speed of 64 mph.

Vertical Alignment: A crest vertical curve, located just east of Hunte Parkway, with a -2.01% to -5.60%

grade change over 650' along the center line produces a design speed of 55 mph.

### TRAFFIC CHARACTERISTICS

Average Daily Traffic: 9,741 (2015, between Hunte Pkwy and Olympic Vista Rd)

On-Street Parking: Parking is restricted on along the entire segment.

Special Conditions: A striped bike lane is provided in both directions of the segment. A 10' wide DG

walkway runs along the entire segment on the north side of the roadway.

Accident History: The accident rate at this segment is 0.00 (accidents per million vehicle miles) which

is lower than the rate of 1.27 for similar roadways in the State of California (2013).

### SURVEY RESULTS

Study was Prepared by: Erica Wood

Date: 01/13/2017

**Recommendation:** Establish the speed limit at 50 mph

due to the 85th percentile speed and

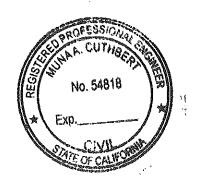
roadway characteristics.

Date Recommendation Approved:

By: Muna Cuthbert, P.E.

Approved Speed Limit (mph):

Per CVC 40802, Survey Expires: 01/10/2024



## CITY OF CHULA VISTA - VEHICLE SPEED SURVEY

SEGMENT UNDER STUDY: Olympic Parkway (Hunte Parkway - Olympic Vista Road)

SURVEY SITE: 850' West of Olympic Vista Rd POSTED SPEED: 45mph (Not Established)

DATE: 1/10/2017 TIME START: 2:51 PM TIME END: 3:14 PM WEATHER: Clear

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85th Precentile Speed: 50 MPH

# SPEED LIMIT - ENGINEERING/TRAFFIC SURVEY

STREET: Olympic Parkway

LIMITS: Olympic Vista Road - Wueste Road

Length of Segment (ft): 2,222' (0.42 miles)

Existing Posted Limit (mph): Not Posted

#### SUMMARY OF SPEED SURVEYS

Segment: Olympic Vista Road - Wueste Road

**Date Taken:** 01/12/2017

No. of Vehicles on Sample (cars): 50

85<sup>th</sup> Percentile (mph): 45

Range of Speeds Recorded (mph): 31 - 52

### ROADWAY CHARACTERISTICS

Width (ft): 65' - 88' curb to curb with 4' -24' median away from intersections

Total No. of Lanes: 4 total lanes (2 per direction) and 3 total lanes (2 eastbound and 1 westbound

between Viento Estrella and Wueste Road)

Horizontal Alignment: A horizontal curve located just east of Olympic Training Center with a radius of 800'

produces a design speed of 48 mph

Vertical Alignment: A vertical curve located at the intersection with Wueste Road

with a -8.00% to -1.28% grade change over 250' along the center line.

## TRAFFIC CHARACTERISTICS

Average Daily Traffic: 5,283 (2017, between Olympic Vista Road and Olympic Training Center)

On-Street Parking: Parking is restricted on both sides of the road along the entire segment.

Special Conditions: New Hope Community Church and Olympic Training Center are located on the

south side of the roadway. A bike lane is located in both directions along the corridor.

Accident History: The accident rate at this segment is 0.41 (accidents per million vehicle miles) which

is lower than the rate of 1.27 for similar roadways in the State of California (2013).

### SURVEY RESULTS

Study was Prepared by: Erica Wood

Date: 04/05/2017

**Recommendation:** Establish a speed limit of 45 mph due to the 85th

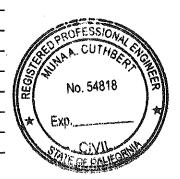
percentile speed and traffic characteristics.

**)ate Recommendation Approved:** 

By: Muna Cuthbert, P.E.

Approved Speed Limit (mph):

Per CVC 40802, Survey Expires: 01/12/2024



# CITY OF CHULA VISTA - VEHICLE SPEED SURVEY

SEGMENT UNDER STUDY: Olympic Parkway (Olympic Vista Rd - Wueste Rd)

DATE: 1/12/2017 URVEY SITE: 2720 Olympic Parkway POSTED SPEED: Not Posted

TIME START 9:42 AM TIME END 10:10 AM WEATHER Cloudy

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85th Percentile Speed: 45 MPH