



City of Chula Vista Boards & Commissions

Safety Commission

Agenda

REGULAR MEETING OF THE SAFETY COMMISSION OF THE CITY OF CHULA VISTA

November 6, 2019
6:00 p.m.

Council Chambers
276 Fourth Avenue
Chula Vista, CA

CALL TO ORDER

ROLL CALL

Commissioners Cervantes, Fa'aola, Francisco, Marroquin, Munoz, Orso-Delgado, and Chair Hidingier

PLEDGE OF ALLEGIANCE TO THE FLAG

OPENING STATEMENT

PUBLIC COMMENTS

Persons speaking during Public Comments may address the Commission on any subject matter within the Commission's jurisdiction that is not listed as an item on the agenda. State law generally prohibits the Commission from discussing or taking action on any issue not included on the agenda, but, if appropriate, the Commission may schedule the topic for future discussion or refer the matter to staff. Comments are limited to three minutes.

1. RESOLUTION OF THE SAFETY COMMISSION OF THE CITY OF CHULA VISTA APPROVING THE INSTALLATION OF SPEED CUSHIONS ON EAST WHITNEY STREET AND EAST GEORGINA STREET BETWEEN HILLTOP DRIVE AND CLAIRE AVENUE
2. RESOLUTION OF THE SAFETY COMMISSION OF THE CITY OF CHULA VISTA RECOMMENDING THAT THE CHULA VISTA CITY COUNCIL INCREASE THE EXISTING SPEED LIMITS ON TELEGRAPH CANYON ROAD: 1) BETWEEN HALECREST DRIVE AND CREST DRIVE/OLEANDER AVENUE FROM 40 MPH TO 45 MPH AND 2) BETWEEN PASEO DEL REY AND OLD TELEGRAPH CANYON ROAD FROM 45 MPH TO 50 MPH, AND THAT SCHEDULE X OF THE REGISTER MAINTAINED IN THE OFFICE OF THE CITY ENGINEER BE AMENDED TO REFLECT THESE SPEED LIMITS
3. POLICE DEPARTMENT TRAFFIC DATA
4. PEDESTRIAN AND BIKEWAYS SAFETY PROGRAMS – CIP UPDATE

OTHER BUSINESS

5. ELECTION OF CHAIR AND VICE CHAIR
6. COMMISSIONERS' COMMENTS
7. STAFF COMMENTS

ADJOURNMENT to the regular meeting on December 4, 2019 at 6:00 p.m. in the Council Chambers. Chula Vista, California.

Materials provided to the Safety Commission related to any open-session item on this agenda are available for public review at the Engineering Dept. located at 276 Fourth Avenue, Building B, Chula Vista during normal business hours.

In compliance with the AMERICANS WITH DISABILITIES ACT

The City of Chula Vista requests individuals who require special accommodations to access, attend, and/or participate in a City meeting, activity, or service, contact the Human Resources Department at (619) 691-5041 (California Relay Service is available for the hearing impaired by dialing 711) at least forty-eight hours in advance of the meeting.

SAFETY COMMISSION AGENDA STATEMENT

Item 1
Meeting Date 11/06/19

ITEM TITLE: RESOLUTION OF THE SAFETY COMMISSION OF THE CITY OF CHULA VISTA APPROVING THE INSTALLATION OF SPEED CUSHIONS ON EAST WHITNEY STREET AND EAST GEORGINA STREET BETWEEN HILLTOP DRIVE AND CLAIRE AVENUE

SUBMITTED BY: Principal Traffic Engineer *J. D. For*

Staff is recommending the installation of speed cushions on E. Whitney Street and E. Georgina Street between Hilltop Drive and Claire Avenue. Residents on E. Whitney Street and the Assistant Principal at Hilltop High School raised concerns regarding the speed of vehicles traveling along the street. (see Attachment 1, Location Plat).

RECOMMENDATION: That the Safety Commission approve the resolution.

DISCUSSION:

Location Description

E. Whitney Street and E. Georgina Street are local residential streets that provide direct access from Hilltop Drive to Hilltop High School, which is located on Claire Avenue immediately east of the street segments. The speed limit on East Whitney Street and East Georgina Street between Hilltop Drive and Claire Avenue is 25 mph, prima facie for a residential street.

Parking is allowed on both sides of the street for residential use. The segment on E. Georgina Street has 29 single-family dwellings with direct driveway access. The segment on E. Whitney Street has 33 single-family dwellings with direct driveway access.

Traffic on E Whitney and E Georgina

Residents and the Assistant Principal at Hilltop High School raised concerns regarding the speed of vehicles traveling on E. Whitney Street. Traffic Engineering studied the speeds at the location as well as at the neighboring parallel streets. The speed data for both segments indicated that the 85th percentile speed is 30 mph, with several vehicles surveyed in the 35-45 mph range. After reviewing the results, it was determined that the installation of speed cushions would aid in maintaining the 25 mph speed limit on E. Whitney Street and E. Georgina Street.

The study included the monitoring of the traffic volume and circulation in the neighborhood and determined that the installation of speed humps would not appreciably affect traffic flow. The table below summarizes the average daily traffic (ADT) volumes. The higher volume and speeds on these streets generally coincided with school start and dismissal times.

	ADT
E Georgina St	899
E Whitney St	1,366

Both segments have been evaluated per the City’s Speed Hump Policy (576-18), see Attachment 3. All criteria were met except that the 85th percentile speed on both segments is below 35 mph;

however, given the proximity the Hilltop High School and the relatively high number of vehicles exceeding 35 mph around school start and dismissal, staff is proposing that the speed cushions be installed.

Speed Cushions

Speed cushions are primarily similar to speed humps with a key difference: they permit the relatively unhindered passage of emergency response vehicles. While speed humps span the full width of the roadway, speed cushions have two indentations at the track width of larger vehicles like those used for emergency response (e.g. fire apparatus, ambulances, etc.). This allows emergency response vehicles to bypass the “hump” portion of the speed cushion and not have to slow down if aligned to the indentations. However, the large majority of other vehicles cannot align to these indentations and must slow down to pass speed cushion.

Public Outreach

Residents adjacent to the proposed locations of the speed cushions received notice letters to state their support of or opposition to the proposed locations of the speed cushions.

The following table summarizes the resident responses that were received:

ADDRESS	RESPONSE
28 Georgina St	Support
29 Georgina St	Support
49 Georgina St	Support
50 Georgina St	Support
57 Georgina St	Support
76 Georgina St	Support
77 Georgina St	Not Present
81 Georgina St	Conditional Opposition
17 Whitney St	Support
20 Whitney St	Support
43 Whitney St	Support
44 Whitney St	Support
48 Whitney St	Support
81 Whitney St	Support
82 Whitney St	Support

CONCLUSION:

Based on the speeds, ADT and road geometry, staff has determined that the installation of speed cushions will not impact the traffic but will help with the safety of the roadway and reducing the speeds along these streets. The speed cushions will potentially reduce the speeds and help to maintain the existing posted speed limit of 25 mph.

FISCAL IMPACT:

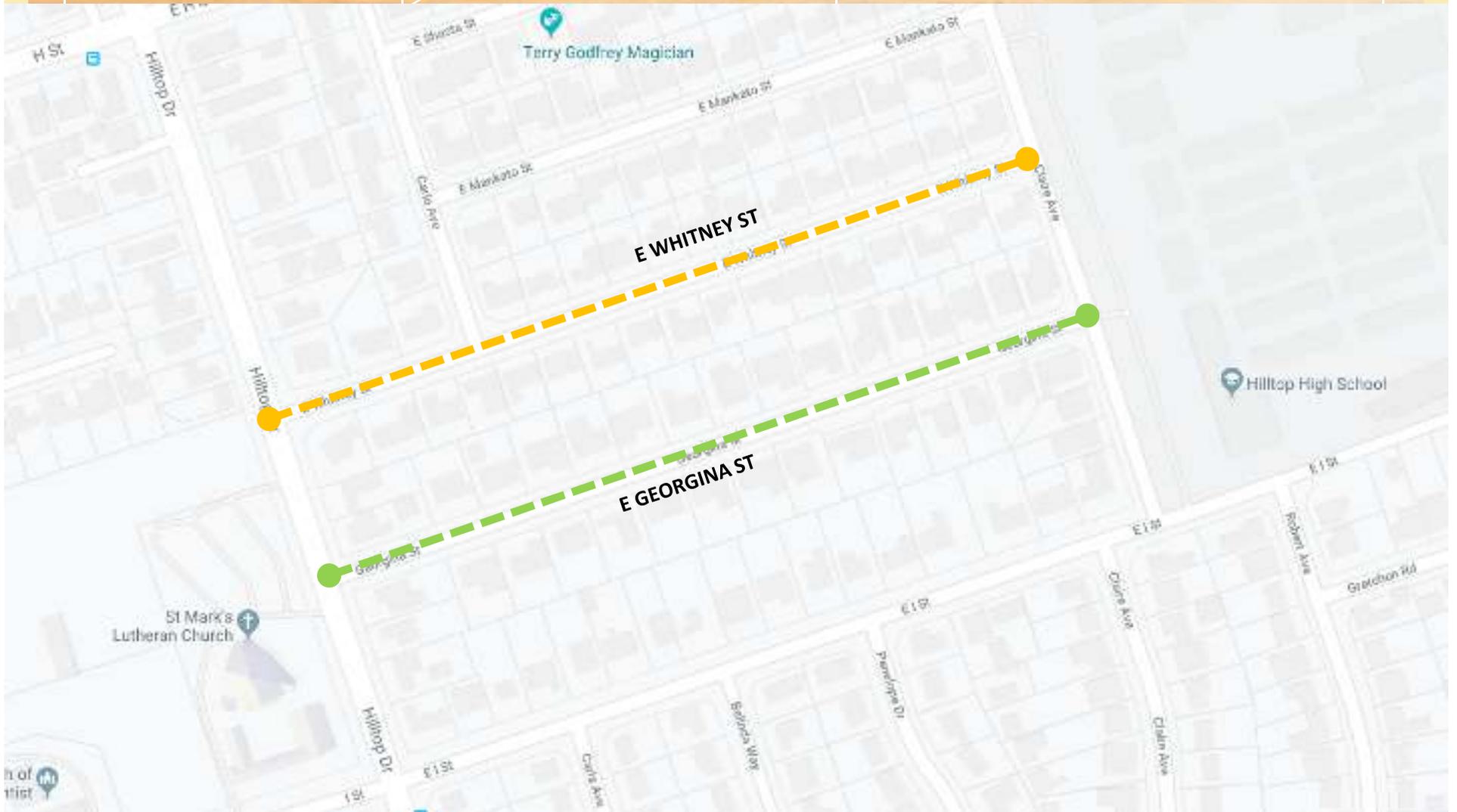
The purchase and installation of the speed cushions will be funded by an existing Traffic engineering Capital Improvement Project, TRF0327, Neighborhood Safety Program.

Attachments:

1. Location Plat
2. Approximate Speed Cushion Placement
3. Speed Hump Evaluation



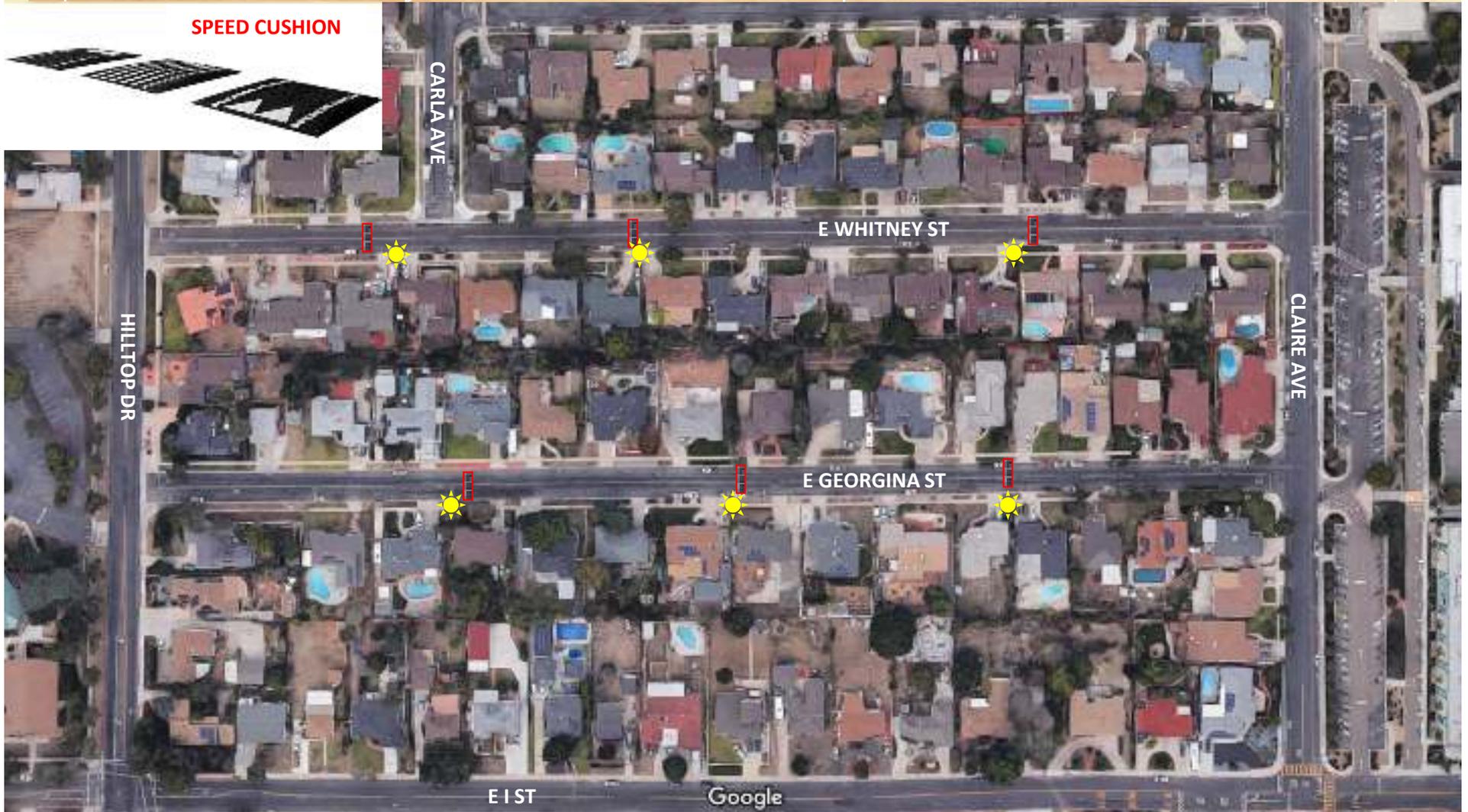
LOCATION MAP





APPROXIMATE SPEED CUSHION PLACEMENT

SPEED CUSHION



RESOLUTION NO. SC-2019-_____

RESOLUTION OF THE SAFETY COMMISSION OF THE CITY OF
CHULA VISTA APPROVING THE INSTALLATION OF SPEED
CUSHIONS ON EAST WHITNEY STREET AND EAST GEORGINA
STREET BETWEEN HILLTOP DRIVE AND CLAIRE AVENUE

WHEREAS, E. Whitney Street between Hilltop Drive and Claire Avenue and E. Georgina Street between Hilltop Drive and Claire Avenue (collectively the “Segments”) are local residential streets adjacent to Hilltop High School; and

WHEREAS, a resident of the Segments and the Assistant Principal at Hilltop High School indicated that vehicles speed on the Segments near school start and dismissal times; and

WHEREAS, staff’s collected speed data indicated that higher vehicle volumes and speeds ranging from 35 to 45 mph were observed generally coincident with school start and dismissal times; and

WHEREAS, the Segments were evaluated for speed hump installation in accordance with the City’s Speed Hump Policy (576-18) and determined that all criteria were met except that the 85th percentile speeds did not exceed 35 mph on the Segments, although higher speeds were observed during school start and dismissal times; and

WHEREAS, the Segments are in close proximity to Hilltop High School; and

WHEREAS, in consideration of the aforementioned site conditions, staff recommends the installation of speed cushions on the Segments; and

WHEREAS, speed cushions are traffic calming devices that slow traffic but differ from speed humps in that they permit the relatively unhindered passage of emergency response vehicles; and

WHEREAS, staff requested the opinions of the residences at proposed speed cushion locations in the form of a letter; and

WHEREAS, of the 15 residences contacted, 13 responded in favor of the speed cushions with one responding with conditional opposition and one resident that did not respond; and

WHEREAS, as a result of its investigation and the responses received, staff recommends that speed cushions be installed on the Segments.

NOW, THEREFORE, BE IT RESOLVED that the Safety Commission of the City of Chula Vista does hereby approve the installation of speed cushions on East Whitney Street and East Georgina Street between Hilltop Drive and Claire Avenue.

ACTION by the Safety Commission of the City of Chula Vista, California, this 6th day of November, 2019, by the following vote:

AYES: Commissioners:

NAYS: Commissioners:

ABSENT: Commissioners:

Ron Hidinger, Chair

ATTEST:

Florence Picardal, Secretary

SAFETY COMMISSION AGENDA STATEMENT

Item 2
Meeting Date 11/06/19

ITEM TITLE: RESOLUTION OF THE SAFETY COMMISSION OF THE CITY OF CHULA VISTA RECOMMENDING THAT THE CHULA VISTA CITY COUNCIL INCREASE THE EXISTING SPEED LIMITS ON TELEGRAPH CANYON ROAD: 1) BETWEEN HALECREST DRIVE AND CREST DRIVE/OLEANDER AVENUE FROM 40 MPH TO 45 MPH AND 2) BETWEEN PASEO DEL REY AND OLD TELEGRAPH CANYON ROAD FROM 45 MPH TO 50 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: Principal Traffic Engineer 

Staff completed an Engineering and Traffic Survey on Telegraph Canyon Road in accordance with the California Vehicle Code, which indicates that the posting of speed limits that are not the maximum or standard prima facie speed limits be determined by an Engineering and Traffic Survey (E&TS) for each street with a posted speed limit within the City. Based on the results of the E&TS and by consolidating some short segments, staff has determined that the speed limits on Telegraph Canyon Road increase: 1) between Halecrest Drive and Crest Drive/Oleander Avenue from 40 mph to 45 mph and 2) between Paseo Del Rey and Old Telegraph Canyon Road from 45 mph to 50 mph (see Attachment 1, Location Plat).

RECOMMENDATION: That the Safety Commission adopt the resolution.

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) for specific roadways and the maximum speed limit is 65 MPH (55 MPH for undivided roads) and an Engineering and Traffic Survey (E&TS) is required to change the prima facie speed limit from these preset limits for any City roadway.

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 E&TS or changes in roadway and traffic conditions. In April 2019, staff completed an E&TS for the following segments and determined which speed limits are to be maintained and which were to have proposed increases.

The existing E&TS segments and the proposed speed limits are as follows:

			Existing Speed Limit	Proposed Speed Limit	Segment Length
1	Halecrest Dr	Crest Dr/ Oleander Ave	40	45	0.33 miles
2	Crest Dr/Oleander Ave	Paseo Del Rey	45	45	0.15 miles
3	Paseo Del Rey	Old Telegraph Canyon Rd	45	50	0.13 miles
4	Old Telegraph Canyon Rd	Paseo Ladera	50	50	0.73 miles
5	Paseo Ladera	Otay Lakes Rd	50	50	2.14 miles

Staff recommends eliminating a segment and combining another segment to coincide with the existing traffic signals. The proposed segments would be as follows:

			Speed Limit	Segment Length
A	Halecrest Dr	Paseo Del Rey	45	0.48 miles
B	Paseo Del Rey	Otay Lakes Rd	50	3.00 miles

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 all segments of Telegraph Canyon Road:

- Six-lane Prime Arterial.
- Length/Width – 3.5 miles long and 100’ to 122’ wide.
- Average Daily Traffic: 50,844 (2018)
- Number of Lanes: 6 lanes (3 per direction).
- Existing Speed Limits – Posted 40, 45 and 50 mph.
- 85% Percentile Speed: 1) Halecrest Dr to Crest Dr/Oleander Ave is 45 mph. 2) Crest Dr/Oleander Ave to Paseo Del Rey is 47 mph. 3) Paseo Del Rey to Otay Lakes Rd is 51 mph.
- Striping – Six lanes of traffic.

- Parking – Parking is not allowed along entire segment.
- Bike Lanes in both directions.
- Horizontal Alignment – Horizontal Curve with a radius of 1600’ over a length of 733’ yields a design speed of 50 mph.
- Vertical Alignment – Less than a 2% grade change.
- Accident Rate History – The accident rate at this segment is 0.37 accidents per million vehicle miles, which is lower than the rate of 1.36 for similar roadways in the State of California (2016).

Traffic Calming

Segments 1 and 3 are the only segments with a proposed speed increase. Given their short length and major roadway classification, no traffic calming measures are feasible. The MUTCD recommends that roadway segments be a minimum of 0.25 miles; therefore, a speed increase on Segment 1 and merging it with Segment 2 as well as a speed increase on Segment 3 and merging it with Segments 4 and 5 are the recommended approach.

Traffic Calming Measure	Applicable?	Feasible?	Implemented?
Police SAM Trailer	Y	N	N
Large Signs/Legends	Y	N	N
Narrowed Lanes	N	N	N
Striped Chicanes	N	N	N
Permanent Feedback Sign	N	N	N
Speed Cushions	N	N	N
Curb Extensions	N	N	N
Traffic Circles/Diverters	N	N	N

Speed Enforceability

If the proposed speed increase is not approved, the following are the only means of enforcing speed on Segments 1 and 3:

- Basic Speed Law: police car matches speed of vehicle and determines that speed is unsafe for current conditions. Infeasible due to insufficient police availability and the segment is too short.
- Maximum Speed Law: use RADAR/LiDAR methods to enforce speed limit of 65 mph.

If the proposed speed limit is approved, police can use RADAR/LiDAR to enforce the approved posted speed limit.

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 a low collision rate outlined in the Engineering/Traffic Survey, staff has is recommending the speed limit increases and modifying

the segments to be from a traffic signal to another traffic signal. It is also recommended that a speed survey segment not be less than 0.25 mi.

Should the City Council establish the proposed 45 mph and 50 mph speed limits, Schedule X of the register maintained in the Office of the City Engineer be amended to reflect the speed limit increase:

- Telegraph Canyon Road, between Halecrest Drive and Crest Drive/Oleander Avenue, proposed Speed Limit Increase to 45 mph.
- Telegraph Canyon Road, between Paseo Del Rey and Old Telegraph Canyon Road, proposed Speed Limit Increase to 50 mph.

FISCAL IMPACT:

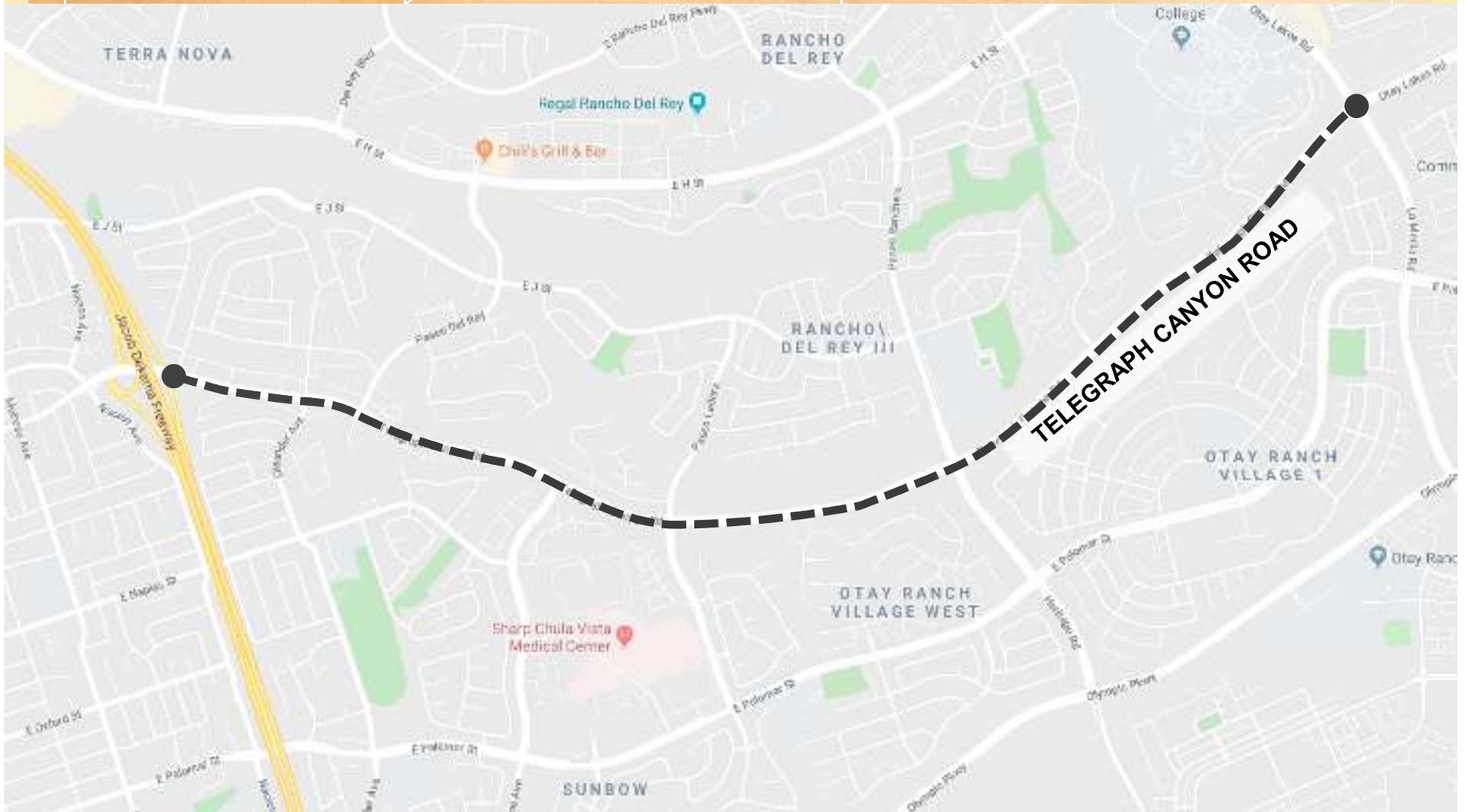
The increase of the speed limit would require the posting of new speed limit signs and speed limit legends. This work will be funded by an existing Traffic Engineering Capital Improvement Project, TF-332, Signing and Striping Program.

Attachments:

1. Location Plats
2. Speed Surveys



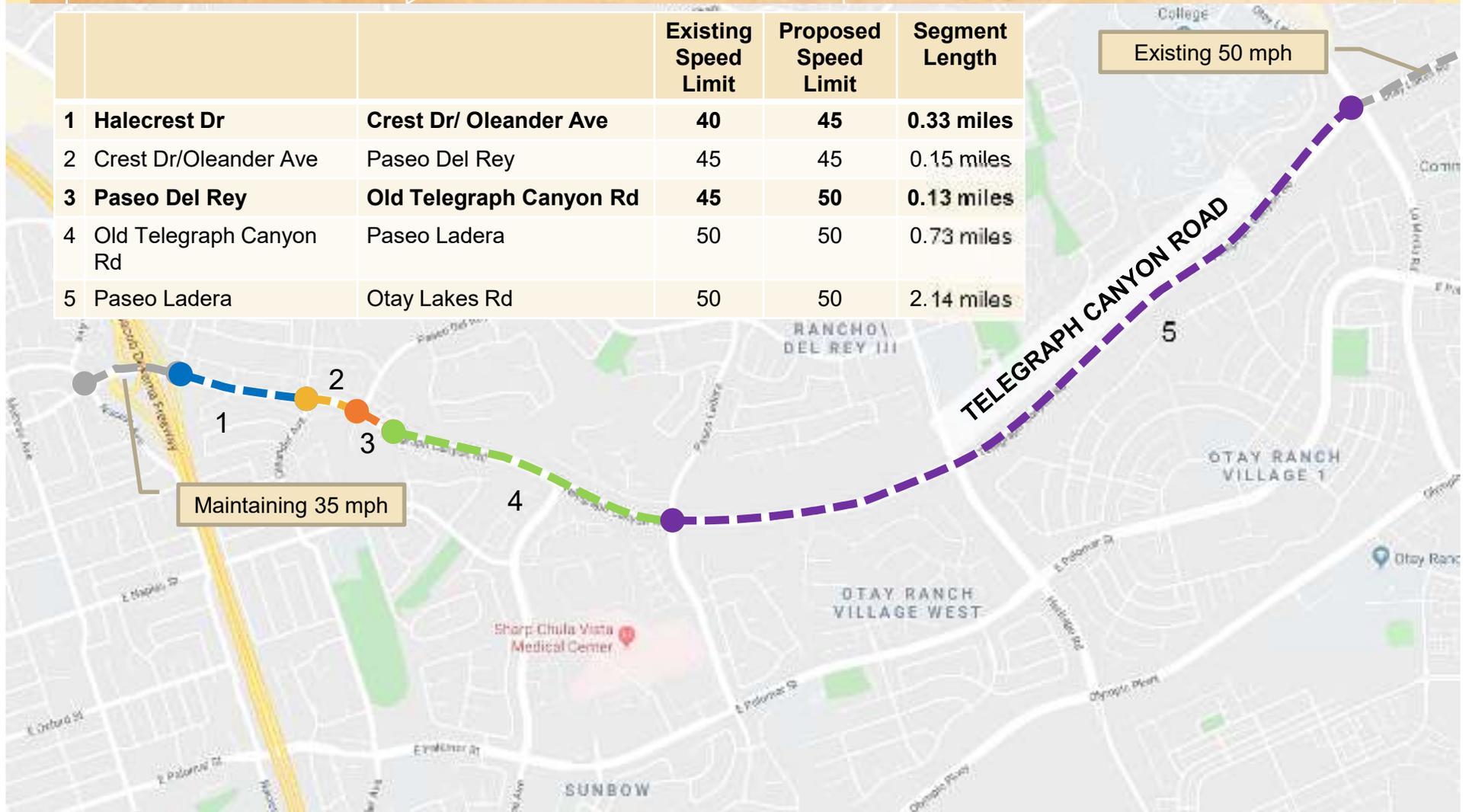
LOCATION MAP





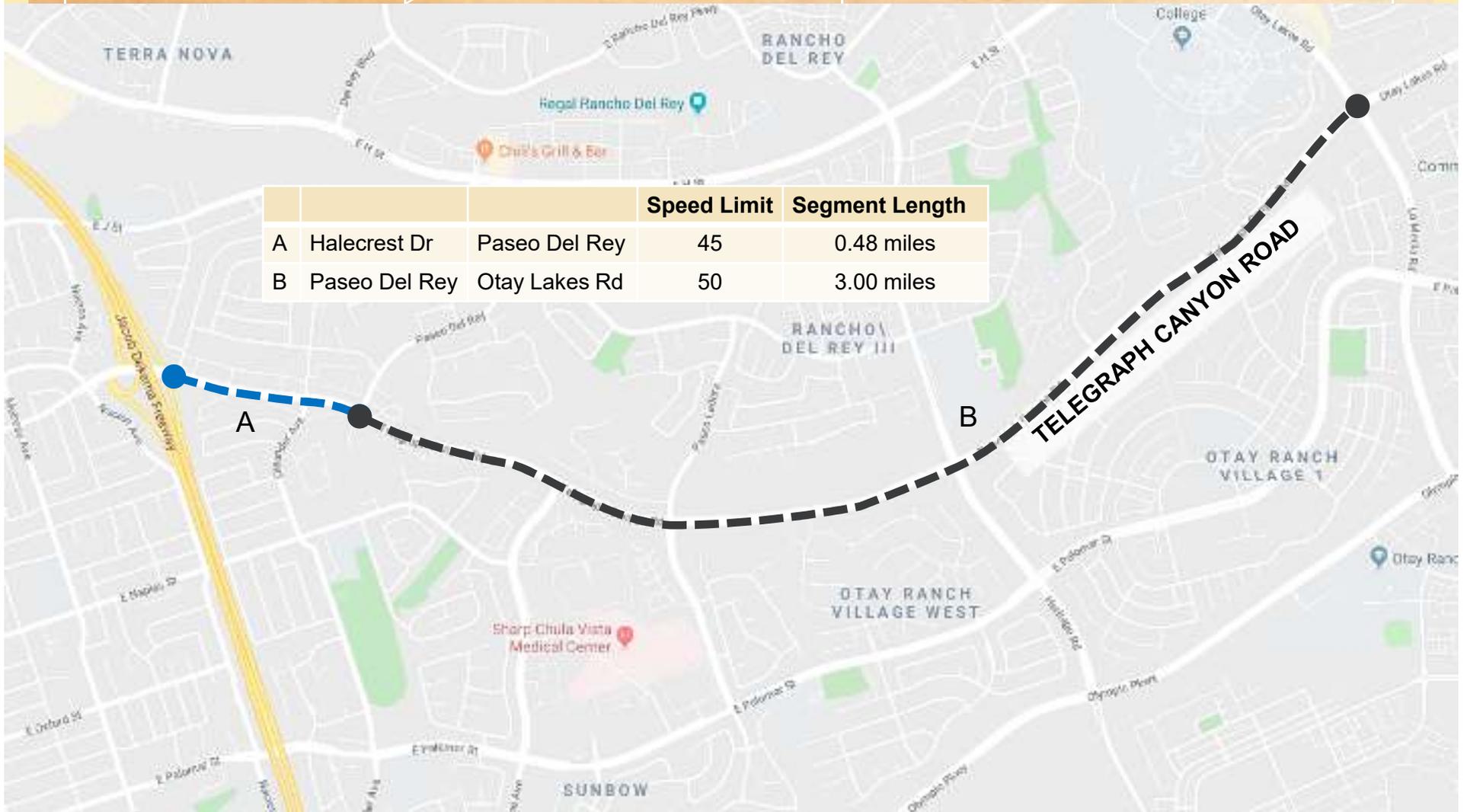
LOCATION MAP AND EXISTING SPEED LIMITS

			Existing Speed Limit	Proposed Speed Limit	Segment Length
1	Halecrest Dr	Crest Dr/ Oleander Ave	40	45	0.33 miles
2	Crest Dr/Oleander Ave	Paseo Del Rey	45	45	0.15 miles
3	Paseo Del Rey	Old Telegraph Canyon Rd	45	50	0.13 miles
4	Old Telegraph Canyon Rd	Paseo Ladera	50	50	0.73 miles
5	Paseo Ladera	Otay Lakes Rd	50	50	2.14 miles





LOCATION MAP WITH PROPOSED SPEED LIMITS



CITY OF CHULA VISTA - VEHICLE SPEED SURVEY

SEGMENT UNDER STUDY: Telegraph Canyon Rd (Halecrest Dr - Crest Dr/Oleander Ave)

DATE: 4/8/2019 SURVEY SITE: East of Canyon Plaza signalized entrance POSTED SPEED: 40

TIME START: 2:02pm TIME END: 2:30pm WEATHER: Sunny

MPH	DIRECTION: <u>EB</u> = 0 <u>WB</u> = /																TOTAL	%	CUM %
	5				10				15				20						
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															2	2%	100%
48	0																1	1%	98%
47	0	0															2	2%	97%
46	0	0	0	0	0	/	/										7	7%	95%
45	0	0	0	0	/	/											6	6%	88%
44	0	0	0	0	0	/	/	/									8	8%	83%
43	0	0	0	0	/	/	/	/									8	8%	75%
42	0	0	0	0	0	0	/	/	/								9	9%	67%
41	0	0	0	0	0	/	/	/	/	/	/						11	11%	59%
40	0	/	/	/	/	/	/										7	7%	48%
39	0	0	0	0	0	0	/	/	/								9	9%	41%
38	0	0	/	/	/	/	/	/									8	8%	33%
37	0	/	/														3	3%	25%
36	0	0	0	0	0	/	/										7	7%	22%
35	0	/	/														3	3%	15%
34	/	/															2	2%	13%
33	/	/	/	/													4	4%	11%
32	/																1	1%	7%
31	/	/															2	2%	6%
30	/																1	1%	4%
29	/	/															2	2%	3%
28	/																1	1%	1%
27																	0	0%	0%
26																	0	0%	0%
25																	0	0%	0%
24																	0	0%	0%
23																	0	0%	0%
22																	0	0%	0%
21																	0	0%	0%
20																	0	0%	0%
19																	0	0%	0%
18																	0	0%	0%
RECORDER: Nancy Cen																TOTAL NUMBER OF VEHICLES: 104			

85TH PERCENTILE: 45 mph

CITY OF CHULA VISTA - VEHICLE SPEED SURVEY

SEGMENT UNDER STUDY: Telegraph Canyon Rd (Crest Dr/Oleander Ave - Old Telegraph Canyon Rd)

DATE: 4/8/2019 SURVEY SITE: Crest Dr/Oleander Ave - Paseo Del Rey POSTED SPEED: 45

TIME START: 2:59pm TIME END: 3:19pm WEATHER: Sunny

MPH	DIRECTION: <u>EB</u> = 0 <u>WB</u> = \																TOTAL	%	CUM %
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80			
60																	0	0%	100%
59																	0	0%	100%
58																	0	0%	100%
57																	0	0%	100%
56																	0	0%	100%
55	/																1	1%	100%
54	0																1	1%	99%
53	/																1	1%	98%
52	/	/	0														3	3%	98%
51																	0	0%	95%
50	/	0	0														3	3%	95%
49	/	/	0														3	3%	93%
48	/	/	0	0													4	3%	90%
47	/	/	0	0	0												5	4%	87%
46	/	/	/	0	0	0											6	5%	83%
45	/	/	/	/	0	0	0										7	6%	78%
44	/	/	0	0	0												5	4%	72%
43	/	/	/	/	/	0	0	0									8	7%	68%
42	/	/	/	/	/	/	0	0	0	0	0	0					12	10%	61%
41	/	/	/	/	0	0	0										7	6%	51%
40	/	/	/	/	0	0	0	0	0								9	8%	45%
39	/	/	/	/	/	/	0	0	0	0	0	0					11	9%	38%
38	/	/	/	0	0												5	4%	28%
37	/	/	0	0	0												5	4%	24%
36	/	/	/	/	0	0	0	0	0	0	0	0					12	10%	20%
35	/	/	0	0	0												5	4%	10%
34	/	0															2	2%	6%
33	/	/	0	0													4	3%	4%
32	/																1	1%	1%
31																	0	0%	0%
30																	0	0%	0%
29																	0	0%	0%
28																	0	0%	0%
27																	0	0%	0%
26																	0	0%	0%
25																	0	0%	0%
24																	0	0%	0%
23																	0	0%	0%
22																	0	0%	0%
21																	0	0%	0%
RECORDER: Nancy Cen																	TOTAL NUMBER OF VEHICLES: 120		

85th Percentile: 47mph

CITY OF CHULA VISTA - VEHICLE SPEED SURVEY

SEGMENT UNDER STUDY: Telegraph Canyon Rd (Paseo Del Rey - Medical Center Dr)

DATE: 4/8/2019 SURVEY SITE: Paseo Del Rey - Old Telegraph Canyon Rd POSTED SPEED: 45

TIME START: 3:24pm TIME END: 3:49pm WEATHER: Sunny

MPH	DIRECTION: <u>EB</u> = 0 <u>WB</u> = \																TOTAL	%	CUM %
	5				10				15				20						
60																	0	0%	100%
59																	0	0%	100%
58																	0	0%	100%
57																	0	0%	100%
56	/																1	1%	100%
55	/																1	1%	99%
54	/																1	1%	98%
53	0																1	1%	98%
52	0	0	/	/	/												5	4%	97%
51	0	0	0	/	/	/	/										7	5%	93%
50	0	/	/														3	2%	88%
49	0	0	0	0	/	/	/	/	/								9	7%	86%
48	0	0	0	/	/	/	/	/									8	6%	79%
47	0	0	0	/	/	/	/	/	/								9	7%	73%
46	0	0	0	0	0	0	0	0	0	0	/	/	/	/	/	/	16	12%	66%
45	0	0	0	0	0	0	/	/	/	/	/						11	8%	54%
44	0	0	0	0	0	/	/	/	/	/							10	8%	45%
43	0	0	0	0	0	0	0	/	/								9	7%	38%
42	0	0	0	0	0	0	0	0	0	/	/	/	/	/	/	/	16	12%	31%
41	0	0	0	/	/	/											6	5%	19%
40	0	0	/														3	2%	14%
39	0	0	0	0	/	/	/										7	5%	12%
38	0	/															2	2%	7%
37	0	/	/														3	2%	5%
36	0	/	/														3	2%	3%
35	/																1	1%	1%
34																	0	0%	0%
33																	0	0%	0%
32																	0	0%	0%
31																	0	0%	0%
30																	0	0%	0%
29																	0	0%	0%
28																	0	0%	0%
27																	0	0%	0%
26																	0	0%	0%
25																	0	0%	0%
24																	0	0%	0%
23																	0	0%	0%
22																	0	0%	0%
21																	0	0%	0%
RECORDER: Nancy Cen											TOTAL NUMBER OF VEHICLES: 132								

85th Percentile: 49 mph

CITY OF CHULA VISTA - VEHICLE SPEED SURVEY

SEGMENT UNDER STUDY: Telegraph Canyon Rd (Medical Center Dr - Paseo Ladera)
 DATE: 4/10/2019 SURVEY SITE: Medical Center Dr - Paseo Ladera POSTED SPEED: 50
 TIME START: 11:27am TIME END: 11:47am WEATHER: Sunny

MPH	DIRECTION: <u>EB</u> = 0 <u>WB</u> = /																TOTAL	%	CUM %	
					5				10				15							20
70																		0	0%	96%
69																		0	0%	96%
68																		0	0%	96%
67																		0	0%	96%
66																		0	0%	96%
65																		0	0%	96%
64																		0	0%	96%
63																		0	0%	96%
62																		0	0%	96%
61																		0	0%	96%
60																		0	0%	96%
59																		0	0%	96%
58																		0	0%	96%
57	0																	1	1%	96%
56	0	/																2	2%	95%
55	/	/																2	2%	93%
54	0	0																2	2%	92%
53	0	0	0	0	/	/												6	5%	90%
52	0	0	0	0	0	0	0	0	/	/	/	/	/	/	/	/		16	13%	85%
51	0	0	0	0	/	/	/	/	/									9	8%	72%
50	0	0	0	0	0	0	0	/	/	/								10	8%	64%
49	0	0	0	0	0	0	0	/	/	/	/	/	/	/	/	/		16	13%	56%
48	0	0	0	0	/	/	/	/	/									9	8%	43%
47	0	0	0	/	/	/												6	5%	35%
46	0	0	0	0	/	/	/	/										8	7%	30%
45	0	0	0	0	/	/	/											7	6%	23%
44	0	0	0	0	/	/	/	/	/									9	8%	18%
43	0	/	/	/														4	3%	10%
42	0	0	0	0	/	/	/	/										8	7%	7%
41																		0	0%	0%
40	0	/	/	/														4	3%	4%
39	/																	1	1%	1%
38																		0	0%	0%
37																		0	0%	0%
36																		0	0%	0%
35																		0	0%	0%
34																		0	0%	0%
33																		0	0%	0%
32																		0	0%	0%
31																		0	0%	0%
RECORDER:	Nancy Cen																TOTAL NUMBER OF VEHICLES:	120		

85th Percentile Speed: 52 mph

CITY OF CHULA VISTA - VEHICLE SPEED SURVEY

SEGMENT UNDER STUDY: Telegraph Canyon Rd (Paseo Ladera - Heritage Rd)
 DATE: 4/10/2019 SURVEY SITE: Paseo Ladera - Heritage Rd POSTED SPEED: 50
 TIME START: 11:02am TIME END: 11:18am WEATHER: Sunny

MPH	DIRECTION: <u>EB</u> = 0 <u>WB</u> = /																TOTAL	%	CUM %	
	5				10				15				20							
70																	0	0%	100%	
69																	0	0%	100%	
68																	0	0%	100%	
67																	0	0%	100%	
66																	0	0%	100%	
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	/																1	1%	100%	
55																	0	0%	99%	
54	/																1	1%	99%	
53	0	/	0	/													4	4%	98%	
52	/	/	/	0	0	0	/	/	0	0							10	10%	94%	
51	/	/	0	0	/	/	/	0	0	0	0	/	/	/	0	0	16	15%	85%	
50	/	/	/	0	/	0	0	/	/	/	/	/	0	0	0		15	14%	69%	
49	/	/	/	/	0	/	0	/	0	0	0	/	0	/	/	0	0	17	16%	55%
48	/	/	0	0	0	/	/	0	0	0	/	0	0	0	0	0	16	15%	38%	
47	/	/	/	0	0	0	0	0									8	8%	23%	
46	/	/	/	/	0	0	0	/	/	0	0	0					12	12%	15%	
45	/	/															2	2%	4%	
44	/	0															2	2%	2%	
43																	0	0%	0%	
42																	0	0%	0%	
41																	0	0%	0%	
40																	0	0%	0%	
39																	0	0%	0%	
38																	0	0%	0%	
37																	0	0%	0%	
36																	0	0%	0%	
35																	0	0%	0%	
34																	0	0%	0%	
33																	0	0%	0%	
32																	0	0%	0%	
31																	0	0%	0%	
RECORDER:	Nancy Cen										TOTAL NUMBER OF VEHICLES: 104									

85th Percentile Speed: 51 mph

CITY OF CHULA VISTA - VEHICLE SPEED SURVEY

SEGMENT UNDER STUDY: Telegraph Canyon Rd (Heritage Rd - Otay Lakes Rd)
 DATE: 4/10/2019 SURVEY SITE: Heritage Rd - Otay Lakes Rd POSTED SPEED: 50
 TIME START: 10:22am TIME END: 10:53am WEATHER: Sunny

MPH	DIRECTION: <u>EB</u> = 0 <u>WB</u> = /																TOTAL	%	CUM %	
					5				10				15							20
70																		0	0%	100%
69																		0	0%	100%
68																		0	0%	100%
67																		0	0%	100%
66																		0	0%	100%
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	/																2	2%	100%
56	0	0	/															3	3%	98%
55	0	0	0	0	/													5	5%	95%
54	0	/																2	2%	91%
53	0	0	/	/														4	4%	89%
52	0	0	0	0	0	0	/	/	/	/	/	/						11	10%	85%
51	0	0	0	0	0	0	/	/	/	/	/	/						11	10%	75%
50	0	0	0	0	0	/	/	/	/	/	/	/	/					12	11%	64%
49	0	0	0	0	0	0	0	0	0	0	/	/	/	/	/	/		16	15%	53%
48	0	0	0	0	/	/	/	/	/									9	8%	38%
47	0	0	0	0	/	/	/	/	/									9	8%	29%
46	0	0	0	/	/	/	/	/	/	/	/							11	10%	21%
45	0	/	/															3	3%	10%
44	/	/	/	/														4	4%	8%
43	0	0																2	2%	4%
42	0																	1	1%	2%
41	0																	1	1%	1%
40																		0	0%	0%
39																		0	0%	0%
38																		0	0%	0%
37																		0	0%	0%
36																		0	0%	0%
35																		0	0%	0%
34																		0	0%	0%
33																		0	0%	0%
32																		0	0%	0%
31																		0	0%	0%
RECORDER:	Nancy Cen																TOTAL NUMBER OF VEHICLES:	106		

85th Percentile Speed: 52 mph

RESOLUTION NO. SC-2019-_____

RESOLUTION OF THE SAFETY COMMISSION OF THE CITY OF CHULA VISTA RECOMMENDING THAT THE CHULA VISTA CITY COUNCIL INCREASE THE EXISTING SPEED LIMITS ON TELEGRAPH CANYON ROAD: 1) BETWEEN HALECREST DRIVE AND CREST DRIVE/OLEANDER AVENUE FROM 40 MPH TO 45 MPH AND 2) BETWEEN PASEO DEL REY AND OLD TELEGRAPH CANYON ROAD FROM 45 MPH TO 50 MPH, AND THAT SCHEDULE X OF THE REGISTER MAINTAINED IN THE OFFICE OF THE CITY ENGINEER BE AMENDED TO REFLECT THESE SPEED LIMITS

WHEREAS, staff completed Engineering and Traffic Surveys (E&TS) on Telegraph Canyon Road between Halecrest Drive and Otay Lakes Road (the “Overall Segment”) 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) Accident records; and 3) Traffic/roadside conditions not apparent to the driver; and

WHEREAS, the Manual on Uniform Traffic Control Devices (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 ten (10) 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, the E&TSs for the Overall Segment are expired, and the Police Department can only enforce speed on the Overall Segment with respect to the Basic Speed Law, which would require that a police officer to follow vehicles the officer deems to be traveling at unsafe speeds and that he/she prove that the driver was proceeding at an unsafe speed; and

WHEREAS, the Overall Segment is a major roadway classification and the segment of Telegraph Canyon Road between Halecrest Drive and Crest Drive/Oleander Avenue (“Segment

1”) and between Paseo del Rey and Old Telegraph Canyon road (“Segment 2”) are too short to feasibly and effectively implement traffic calming measures; and

WHEREAS, denial of this resolution perpetuates the expired status of the E&TS for the Overall Segment such that the Police Department will be unable to enforce the existing 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&TSs, staff has determined that speed limit on Segment 1 should be increased from 40 mph to 45 mph and on Segment 2 should be increased from 45 mph to 50 mph; and

WHEREAS, the roadway conditions and 85th percentile speed of the Telegraph Canyon Road segment immediately to the east of Segment 1 between Crest Drive/Oleander Avenue and Paseo del Rey are identical to those of Segment 1; and

WHEREAS, the roadway conditions and 85th percentile speed of the Telegraph Canyon Road segments immediately to the east of Segment 2 between Old Telegraph Canyon Road and Otay Lakes Road are identical to those of Segment 2.

NOW, THEREFORE, BE IT RESOLVED that the Safety Commission of the City of Chula Vista does hereby recommend that the City Council establish the proposed 45 mph speed limit on Telegraph Canyon Road from Halecrest Drive to Paseo del Rey and establish the proposed 50 mph speed limit on Telegraph Canyon Road from Paseo del Rey to Otay Lakes Road and that Schedule X of the register maintained in the Office of the City Engineer be amended to reflect the proposed speed limit as follows:

- Telegraph Canyon Road, beginning at Halecrest Drive and ending at Paseo del Rey, speed limit 45 mph.
- Telegraph Canyon Road, beginning at Paseo del Rey and ending at Otay Lakes Road, speed limit 50 mph.

ACTION by the Safety Commission of the City of Chula Vista, California, this 2nd day of October 2019, by the following vote:

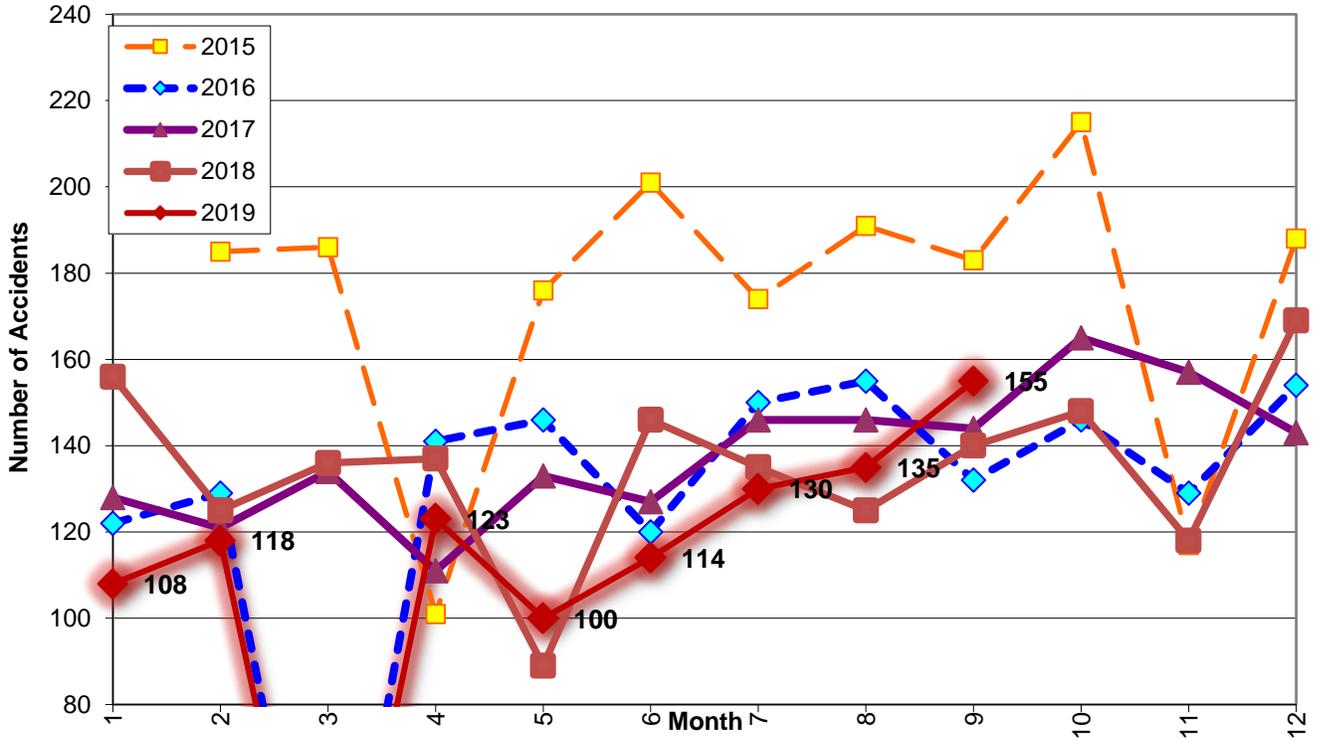
AYES: Commissioners:
NAYS: Commissioners:
ABSENT: Commissioners:

Ron Hidinger, Chair

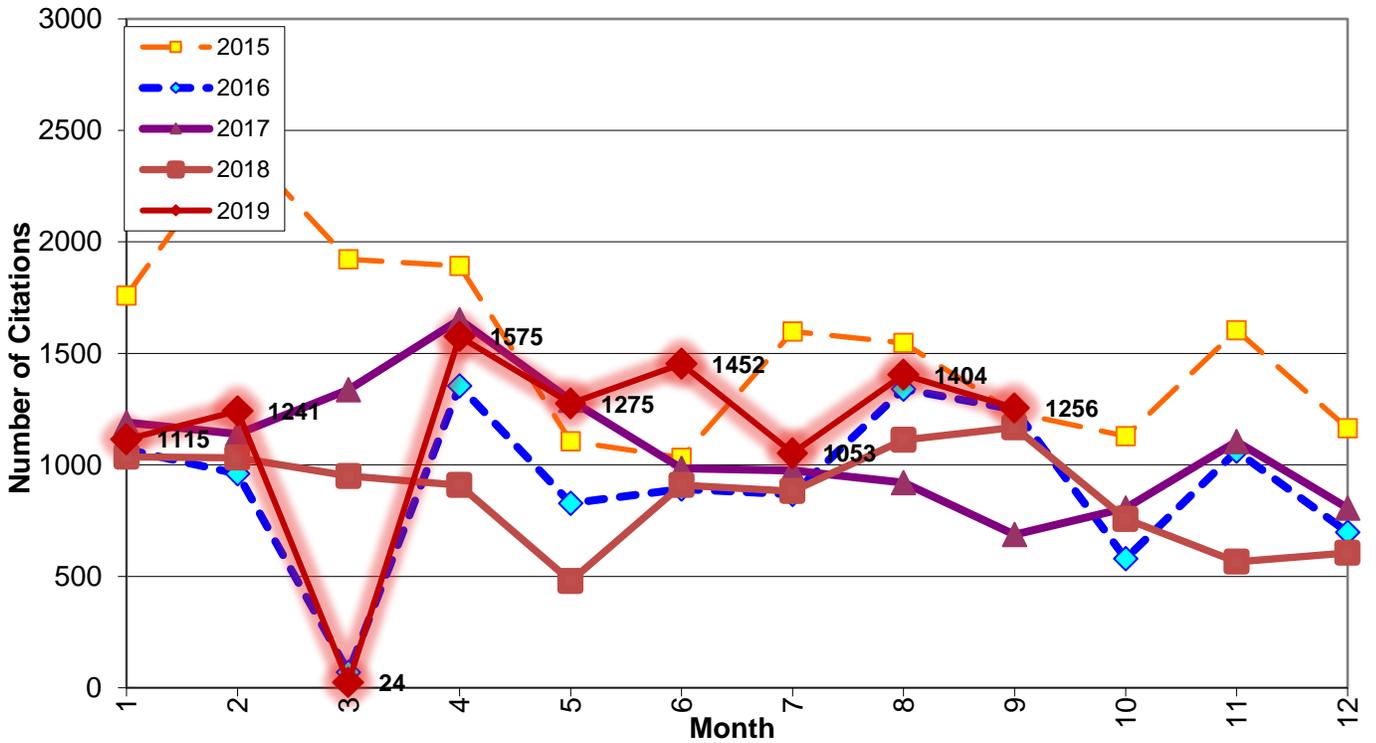
ATTEST:

Florence Picardal, Secretary

Traffic Accidents



Traffic Citations*



* Combined hazardous & non-hazardous violations (not counting parking citations)



Safety Commission
Bikeways and Pedestrian Facilities
CIP Project Update
 November 2019

CITY OF CHULA VISTA

1



Safety Commission
Bikeways and Pedestrian Facilities
CIP Project Update

CONSTRUCTION PHASE

Note: All dates are approximate and subject to change. Projects marked complete have no further substantial construction activities.

CITY OF CHULA VISTA

2

STL0428
Sidewalk Replacement Citywide
(Measure P)



CONSTRUCTION

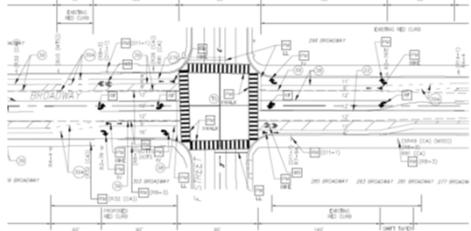
Ph 1: Complete
 Ph 2: Start 8/2019

CITY OF CHULA VISTA
 Safety Commission

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

3

STM0384/STM0392
Bike Lanes on Broadway
C St to Main St



CONSTRUCTION

Complete: 1/2020

CITY OF CHULA VISTA
 Safety Commission

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

4

STL0435
Anita Street
Sidewalk Project



CONSTRUCTION

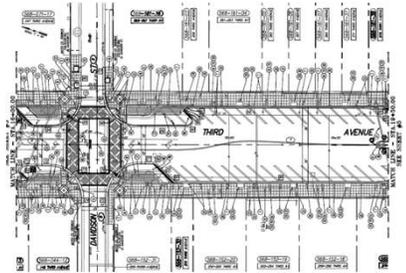
Start: 10/2019

CITY OF CHULA VISTA
 Safety Commission

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

5

STL0406
Third Avenue Streetscape
Improvement Project - Phase III



CONSTRUCTION

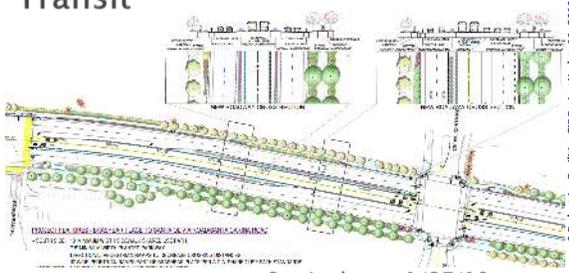
Start: 10/2019

CITY OF CHULA VISTA
 Safety Commission

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

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SBBRT
South Bay Bus Rapid
Transit



CONSTRUCTION Service began 1/27/19
Complete: Winter 2020

CITY OF CHULA VISTA Safety Commission
Bikeways & Pedestrian Facilities CIP Project Update 11-2019

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Safety Commission
Bikeways and
Pedestrian Facilities
CIP Project Update

DESIGN/PLANNING PHASE

Note: All dates are approximate and subject to change.

CITY OF CHULA VISTA

8

TRF0405
Installation of Pedestrian
Countdown Indications/Traffic
Signal Modifications



DESIGN Awarded: 9/2019

CITY OF CHULA VISTA Safety Commission
Bikeways & Pedestrian Facilities CIP Project Update 11-2019

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STL0410/TRF0384
Schools Pedestrian Improvements
Kellogg Elementary
Hazel G Cook Elementary



DESIGN Advertise: 11/2019

CITY OF CHULA VISTA Safety Commission
Bikeways & Pedestrian Facilities CIP Project Update 11-2019

10

STL0436
D Street Sidewalk Project



DESIGN Advertise: 11/2019

CITY OF CHULA VISTA Safety Commission
Bikeways & Pedestrian Facilities CIP Project Update 11-2019

11

TRF0407
Traffic Signal Modifications at
Five Intersections



DESIGN Advertise: 11/2019

CITY OF CHULA VISTA Safety Commission
Bikeways & Pedestrian Facilities CIP Project Update 11-2019

12

STL0432
ADA Pedestrian Curb Ramps
Program FY18/19



DESIGN Advertise: 12/2019

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

13

STL0438
Sweetwater River Bikeway/
30th St Bike Facility Improvements



DESIGN Advertise: 12/2019

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

14

STL0431
Sidewalk Replacement Program
Citywide FY2018/19



DESIGN Advertise: 3/2020

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

15

STL0439
Sidewalk Replacement Program
Citywide FY2019/20

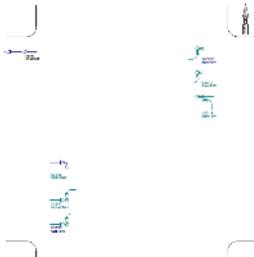


DESIGN Advertise: 3/2020

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

16

TRF0416
Intersection Safety
Improvements



DESIGN Advertise: 5/2020

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

17

TRF0411
Pedestrian Improvements at
Uncontrolled Mid-block Crosswalks
at Castle Park Middle School



DESIGN Advertise: 5/2020

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

18

STL0426
Sidewalk Gap Third Av
 (West) Orange Av to Anita St
 (East) Anita St to Zenith St




DESIGN Advertise: 7/2020

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

19

STM0386/STM0388/STM0389
Heritage Rd/Main St
Widening and Bridge
Improvement




DESIGN Advertise: Summer 2020

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

20

TRF0405
Installation of Lead Pedestrian
Interval Signal Operations




DESIGN Advertise: 8/2020

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

21

TRF0415
Telegraph Canyon Rd Raised
Median Improvements




DESIGN Advertise: 8/2020

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

22

TRF0417
Enhanced Crosswalks in
School Zones




DESIGN Advertise: 8/2020

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

23

STL0442
Street Improvements Alpine Av
between Emerson & Naples

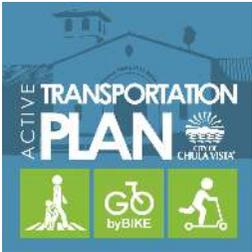
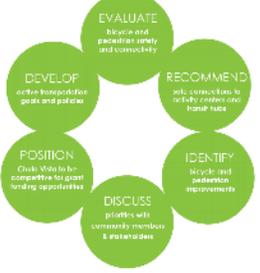



DESIGN Advertise: 12/2020

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

24

STL-404
Active Transportation Plan

STUDY Presentation: 12/2019

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

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STL0412
F Street Promenade




CONCEPT DESIGN Advertise: TBD

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

26

STM0398
East H Street Sidewalk Improvements—Study




STUDY Advertise: TBD

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

27

TRF0413
Third Av at Sea Vale St Pedestrian Study




STUDY Advertise: TBD

Bikeways & Pedestrian Facilities CIP Project Update 11-2019

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