

ENGINEERING & TRAFFIC SURVEY

2018



October 2018

This is to certify that this ordinance is a true and correct copy of Ordinance No. 2018-14 passed and adopted by the City Council on

October 23, 2018

3/25/19

ORDINANCE NO. 2018-14 Date

Ernie Bush
City Clerk Administrator

AN ORDINANCE OF THE CITY OF SANTA CRUZ
AMENDING CHAPTER 10.60.010 OF THE MUNICIPAL CODE REGARDING
INCREASE OF LOCAL LIMITS

BE IT ORDAINED, by the City of Santa Cruz that Section 10.60.010 to be amended as follows:

10.60.010 INCREASE OF LOCAL LIMITS.

It is hereby determined upon the basis of an engineering and traffic survey that the speed permitted by state law upon the following streets is less than is necessary for safe operation of vehicles thereon and it is hereby declared that the prima facie speed limit shall be as hereinafter set forth on those streets or parts of streets herein designated when signs are erected giving notice thereof:

Street Name	Street Limits	Speed Limit (MPH)
Bay Street	California Ave. & West Cliff Dr.	30
Bay Drive	Escalona Dr. & High St.	30
N. Branciforte Ave.	Water St. & Fairmount Ave.	30
Delaware Ave.	Swift St. & Shaffer Rd.	30
Graham Hill Rd.	Ocean St. & City Limit	30
High St.	Bay Dr. & City Limit	30
High St.	Bay Dr. & Laurent St.	30
High St.	Storey St. & Laurent St.	30
Market St.	Avalon St. & Curtis St.	30
Morrissey Blvd.	Water St. & Fairmount Ave.	30
Morrissey Blvd.	Pacheco Ave. & Prospect Hts.	30
Natural Bridges Blvd.	Mission St. & Delaware Ave.	30
Ocean St.	Broadway & Water St.	30
Ocean St.	Plymouth St. & Water St.	30
Ocean St.	Hwy 1 & Graham Hill Rd.	30
Water St.	Ocean St. & River St.	30
Water St.	Ocean St. & N. Branciforte Ave.	30
Western Dr.	Meder St. & High St.	30

(Ord. 2012-07 § 1, 2012; Ord. 2011-11 § 1, 2011; Ord. 2005-31 § 1, 2005; Ord. 2003-18 § 1, 2003; Ord. 86-21 § 1 (part), 1986).

RESOLUTION NO. NS-29,452

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CRUZ CERTIFYING THE 2018 ENGINEERING AND TRAFFIC SURVEY FOR RADAR ENFORCEMENT ON CERTAIN STREETS AND RESCINDING RESOLUTION NS-28,419

WHEREAS, The City of Santa Cruz in accordance with the California Vehicle Code, has prepared an Engineering and Traffic Survey 2018 to be used for the enforcement of prima facie speeds on the following streets, by the use of radar or other electronic devices:

Street Name	Street Limits	Speed Limit
3rd St.	Beach St. - Riverside Ave.	25
Almar Av.	Mission St. - City Limits	25
Barson St.	Riverside Ave. - Ocean St.	25
Bay St.	California St. - West Cliff Dr.	30
Bay St.	Mission St.- California St.	25
Bay St.	Escalona Dr.- Mission St.	25
Bay Drive	Escalona Dr. - High St.	30
Beach St.	W Cliff Dr. - 3rd St.	25
N Branciforte Ave.	Water St. - Soquel Ave.	25
N. Branciforte	Water St.- Fairmount	30
N. Branciforte	Fairmount.- Camille Ln.	25
S Branciforte Ave.	Soquel Ave.- Broadway	25
Broadway	Ocean St.- Pine St.	25
Broadway	Pine St. - Frederick St.	25
Broadway	Ocean St. - San Lorenzo Bridge	25
California Av.	Bay & Errett Circle	25
California St.	Bay St. - Laurel St.	25
Carbonera Dr.	Isbel Dr.- El Rancho Dr.	25
Cayuga St.	Soquel Ave.- Broadway	25
Cayuga St.	Broadway - Hiawatha Ave.	25
Center St.	Mission St. - Pacific Ave.	25
Chestnut St.	Laurel St. - Mission St.	25
Chilverton St.	Branciforte Ave. - Morrissey	25
Coral St.	River St - Evergreen St.	25
Delaware Av,	Swift St.- Shaffer Rd.	30
Delaware Av,	Swift St. - Woodrow Ave.	25
Delaware Av, Laguna	Woodrow Ave - Bay	25
East Cliff Dr/San Lorenzo Blvd	Broadway - Alhambra	25
Elk St.	Goss Ave.- Rooney St.	25
Emeline Av,	Sutphen - Grant St.	25

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Encinal St.	River St. - DuBois St.	25
Escalona Dr.	Grandview- Highland	25
Fair Av.	Delaware Ave. - West Cliff	25
Fair Av.	Delaware Ave - Mission St.	25
Fairmount Av.	N. Branciforte - Route 1 Ramp	25
Frederick St.	Broadway & south end	25
Frederick St.	Broadway & Soquel Ave.	25
Front St.	Pacific Ave. & Mission St.	25
Goss Ave.	N Branciforte Ave. & Elk St.	25
Graham Hill	Ocean St. & City Limit	30
Grandview St.	Arroyo Seco & Swift St.	25
Grant St.	Plymouth St. & Market St.	25
High St.	Bay Drive & City Limit	30
High St.	Bay Drive & Laurent St.	30
High St.	Storey St. & Laurent St.	30
High St.	Storey St. & Hwy 1	25
Highland Ave.	Spring St. & Mission St.	25
Isabel Dr.	Bartlett St. & Carbonera Dr.	25
Isbel Dr.	Bartlett Way & Market St.	25
King St.	Mission St. N & S Ends	25
La Fonda Av.	Oak Way & Soquel Ave.	25
La Fonda Av.	Oak Way & Prospect Heights	25
Laurel St.	Mission St. & King St.	25
Laurel St.	Mission St. & Center St.	25
Laurent St.	High St. & King St.	25
Lee St. /N. Plymouth	N Plymouth St. & Emeline Ave.	25
Lincoln St.	Walnut Ave. & Pacific Ave.	25
Market St.	Avalon Ave - Washburn	30
Market St.	Avalon Ave. & City Limit	25
Meder St.	Bay Dr. & Western Dr.	25
Morrissey Blvd	Water St. & Fairmount Ave.	30
Morrissey Blvd.	Water St. & Fairmount Ave.	30
Morrissey Blvd.	Pacheco Ave. & Prospect Heights	30
Municipal Wharf	Beach S. & End	15
Murray St.	East Cliff Dr - East City Limit	25
Natural Bridges Bl.	Mission St. & Delaware Ave.	30
Nobel Dr.	Meder St. & Bay St.	25
Ocean St.	Broadway - E. Cliff Dr.	25
Ocean St.	Broadway - Plymouth	30
Ocean St.	Felker - Graham Hill Rd.	30
Pacheco Ave.	Rooney St. & Prospect Heights	25

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Pacific Ave.	Beach St - Front St (at 555 Pacific)	25
Pelton Ave.	Woodrow Ave & National St.	25
Pelton Ave.	National St. & West Cliff Dr.	25
Pine St.	Soquel Ave. & Seabright Ave.	25
Poplar Ave.	Fairmount Ave & Water St.	25
Prospect Heights	Pacheco Ave. & La Fonda Ave.	25
River St.	Route 1 - Front St	25
Riverside Ave.	Campbell St. & Beach St.	25
Rooney St.	Gilbert Lane & Elk St.	25
Seabright Ave.	Water St. & Murray St.	25
Second St.	Riverside Ave. - Pacific	25
Soquel Ave	Ocean St. - Front St	25
Soquel Ave.	Ocean St. & Morrissey Blvd.	25
Soquel Ave.	Morrissey Blvd & east City Limit	25
Spring St.	High St. - North End	25
Stanford Ave.	Chilverton St. & Water St.	25
Swanton Blvd.	West Cliff Dr. & Delaware Ave.	25
Swift St.	Delaware Ave. & West Cliff Dr.	25
Swift St.	Grandview St. & Delaware Ave.	25
Sylvania St.	Encinal St. & Harvey West Blvd.	25
Walnut Ave.	King St. & Chestnut St.	25
Water St.	Ocean St. - Pacific	30
Water St.	Ocean - N. Branciforte	30
Water St.	N Branciforte Ave. - Poplar	25
West Cliff Dr.	Pelton Ave & Swanton Blvd.	25
West Cliff Dr.	Pacific Ave. & Pelton Ave.	25
Western Dr.	Meder St. & Mission St.	25
Western Dr.	Meder St. & High Street	30
Woodrow Ave.	Errett Circle & West Cliff Dr.	25
Younglove Ave.	Mission St. & Errett Circle	25

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Santa Cruz that it hereby certifies the Engineering and Traffic Survey 2018 to be used for the enforcement of the prima facie speed of traffic on the designated streets with the use of radar or other electronic devise.

RESOLUTION NO. NS-29,452

PASSED AND ADOPTED this 9th day of October, 2018, by the following vote:

AYES: Councilmembers Krohn, Mathews, Brown, Noroyan; Vice Mayor Watkins;
Mayor Terrazas.

NOES: None.

ABSENT: Councilmember Chase.

DISQUALIFIED: None.

APPROVED:



David Terrazas, Mayor

ATTEST:



Bonnie Bush, City Clerk Administrator



**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: 3rd Street (northbound/westbound one-way street)

Limits: Beach St. to Riverside Ave.

City General Plan Roadway Classification: Arterial

Width: 33-feet narrowing to 23-feet

Critical Speed (85th percentile): 27mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 15 total, 2 injury

Adjacent Land Use: Commercial Parking Lots/ Residential

Speed reduction justification: Round to the nearest 5mph increment per CA MUTCD 2B-13 and CVC 21400 (b)

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: 10/19/18

Vehicle Speed Survey Sheet

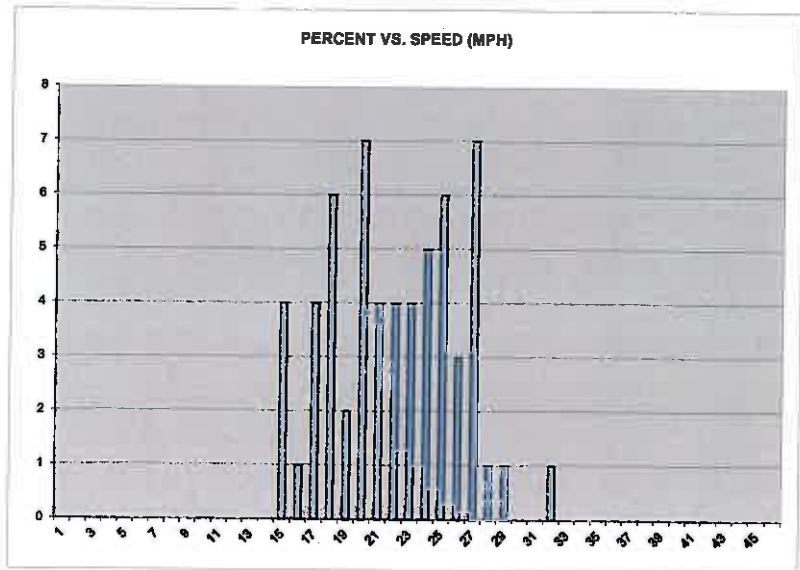
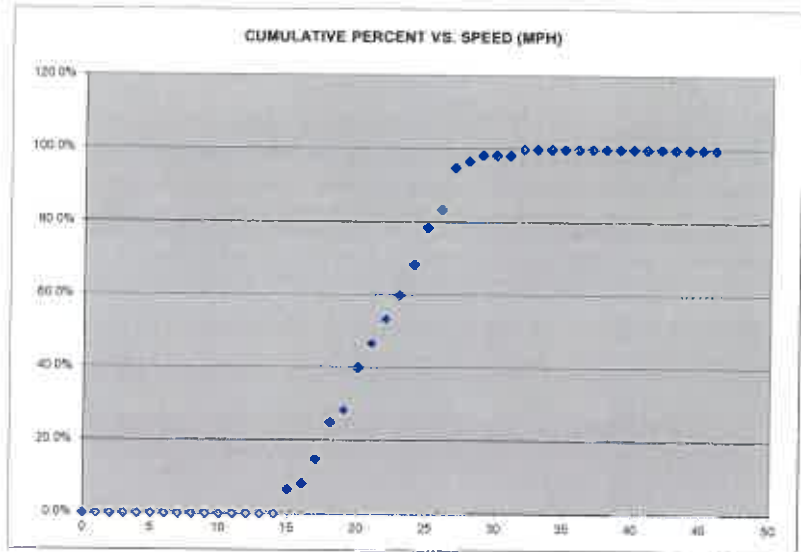
DIRECTIONS

#102 3RD ST. (BEACH-
RIVERSIDE) NB
12/1/2017
11:08 AM
25

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

22	TO	27
27		
18		
80.0%		
5.0%		
15.0%		
15	TO	32
60		
22.0		

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	4	6.7%	6.7%
16	1	1.7%	8.3%
17	4	6.7%	15.0%
18	6	10.0%	25.0%
19	2	3.3%	28.3%
20	7	11.7%	40.0%
21	4	6.7%	46.7%
22	4	6.7%	53.3%
23	4	6.7%	60.0%
24	5	8.3%	68.3%
25	6	10.0%	78.3%
26	3	5.0%	83.3%
27	7	11.7%	95.0%
28	1	1.7%	96.7%
29	1	1.7%	98.3%
30	0	0.0%	98.3%
31	0	0.0%	98.3%
32	1	1.7%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Almar Ave.

Limits: Mission St. to West Cliff Dr.

City General Plan Roadway Classification: Collector

Width: 36-feet

Critical Speed (85th percentile): 29 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, none

Adjacent Land Use: Primarily residential, with one city park and one commercial block (shopping center).

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

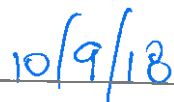
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

#1 ALMAR (MISSION-WEST CLIFF) NB & SB
10/9/2015
11:05 AM
25

DATE

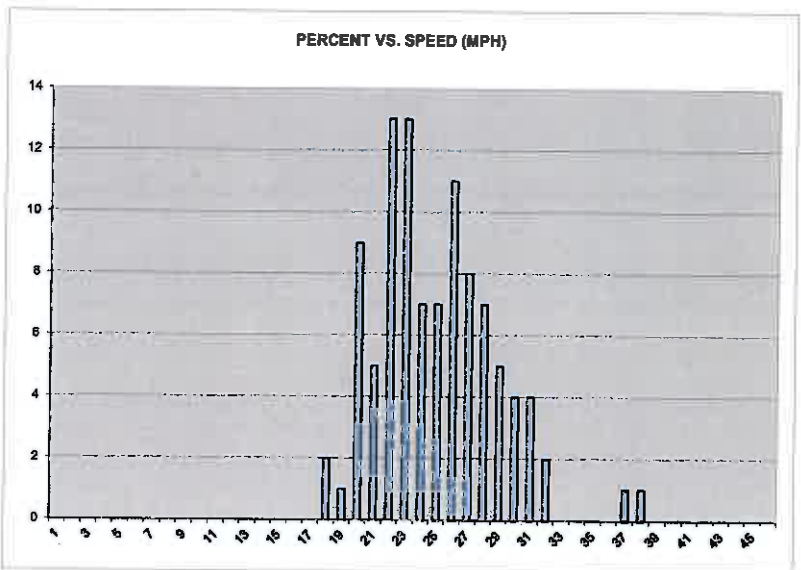
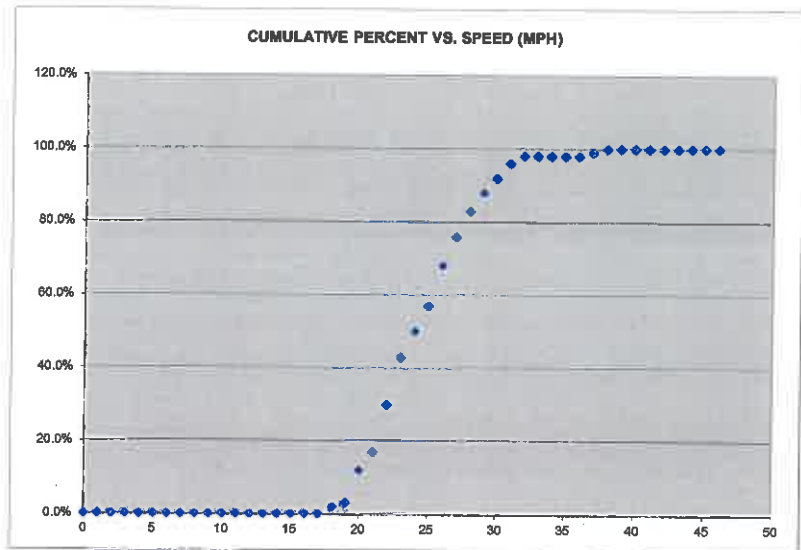
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

25	
29	
20	TO 29
85.0%	
12.0%	
3.0%	
18	TO 38
100	
24.9	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	2	2.0%	2.0%
19	1	1.0%	3.0%
20	9	9.0%	12.0%
21	5	5.0%	17.0%
22	13	13.0%	30.0%
23	13	13.0%	43.0%
24	7	7.0%	50.0%
25	7	7.0%	57.0%
26	11	11.0%	68.0%
27	8	8.0%	76.0%
28	7	7.0%	83.0%
29	5	5.0%	88.0%
30	4	4.0%	92.0%
31	4	4.0%	96.0%
32	2	2.0%	98.0%
33	0	0.0%	98.0%
34	0	0.0%	98.0%
35	0	0.0%	98.0%
36	0	0.0%	98.0%
37	1	1.0%	99.0%
38	1	1.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Barson St. (westbound, one-way street)

Limits: Ocean St. to Riverside Ave.

City General Plan Roadway Classification: Arterial

Width: 36-feet

Critical Speed (85th percentile): 28 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 5 total, 0 injury

Adjacent Land Use: Mixed residential, motel, and business.

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#105 BARSON ST. (RIVERSIDE-OCEAN) WB
 10/26/2017
 9:40 AM
 25

DATE

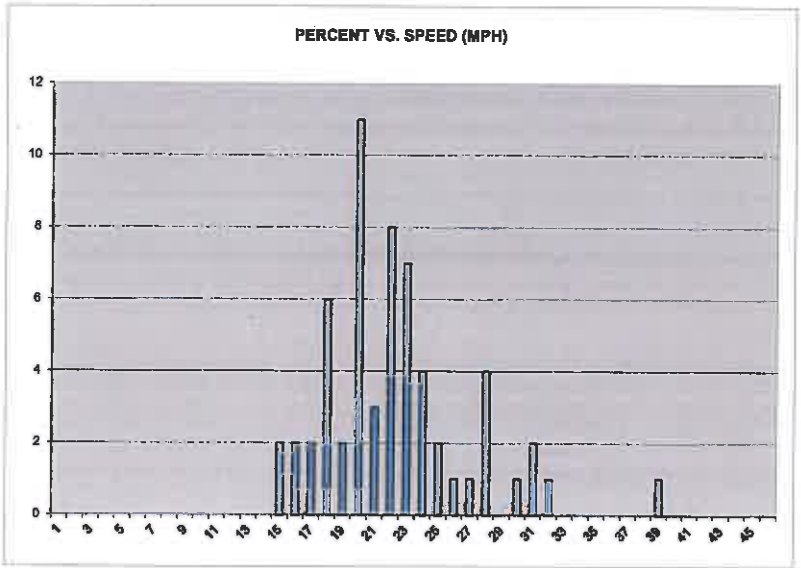
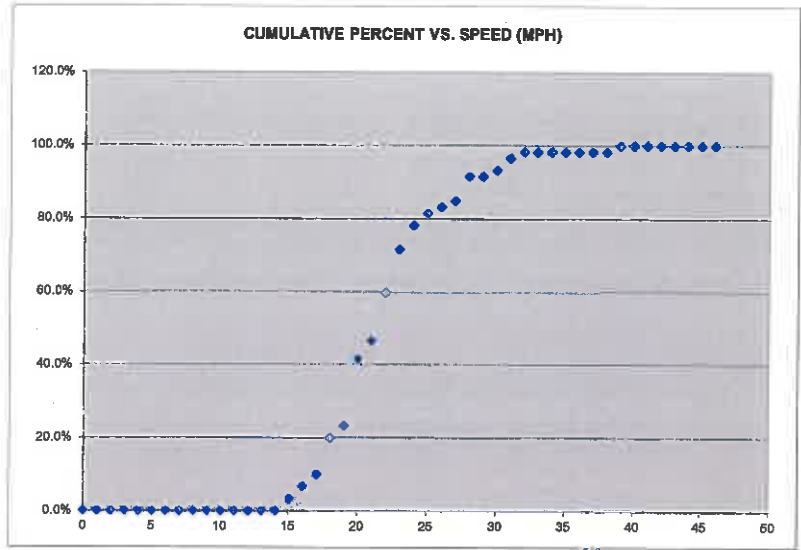
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

22	
28	
15	TO 24
78.3%	
21.7%	
0.0%	
15	TO 39
60	
22.3	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	2	3.3%	3.3%
16	2	3.3%	6.7%
17	2	3.3%	10.0%
18	6	10.0%	20.0%
19	2	3.3%	23.3%
20	11	18.3%	41.7%
21	3	5.0%	46.7%
22	8	13.3%	60.0%
23	7	11.7%	71.7%
24	4	6.7%	78.3%
25	2	3.3%	81.7%
26	1	1.7%	83.3%
27	1	1.7%	85.0%
28	4	6.7%	91.7%
29	0	0.0%	91.7%
30	1	1.7%	93.3%
31	2	3.3%	96.7%
32	1	1.7%	98.3%
33	0	0.0%	98.3%
34	0	0.0%	98.3%
35	0	0.0%	98.3%
36	0	0.0%	98.3%
37	0	0.0%	98.3%
38	0	0.0%	98.3%
39	1	1.7%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Bay St.

Limits: California St to West Cliff Dr

City General Plan Roadway Classification: Arterial

Width: 40-feet

Critical Speed (85th percentile): 35 mph

Unusual Conditions/Allowable Considerations per CVC:

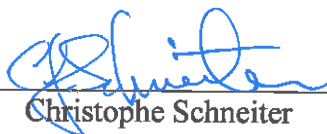
Reported Collisions: 2010 through 2015, 10 total, 1 injury

Adjacent Land Use: Primarily residential, with a large senior citizen apartment complex across from a city park.

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

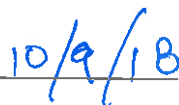
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____


10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#2 BAY (CALIFORNIA-WEST
CLIFF) NB & SB
10/9/2015
11:51 AM
30

DATE

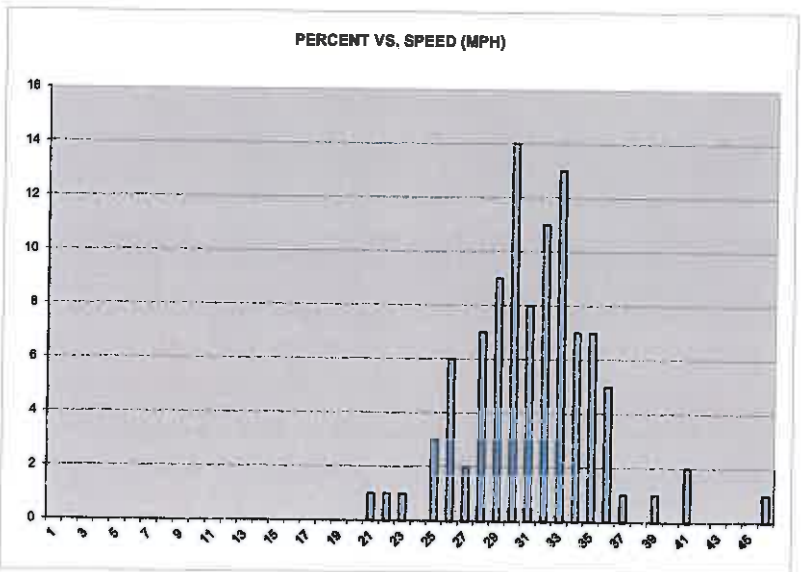
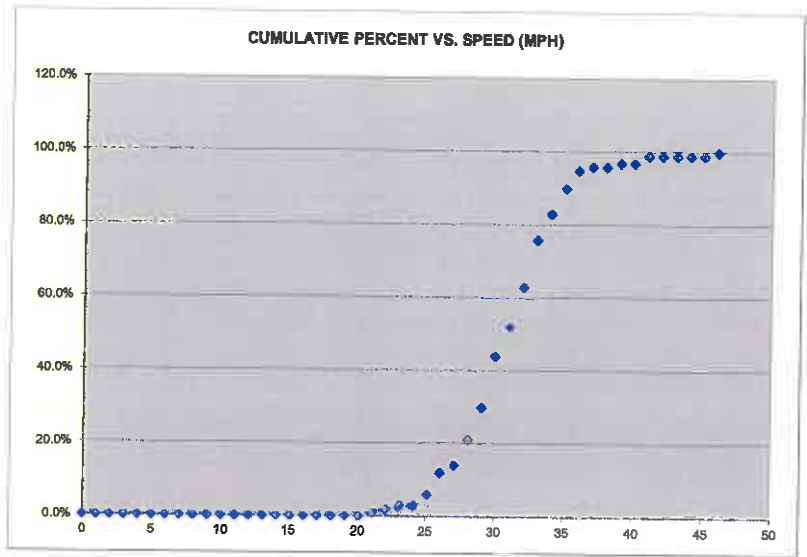
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

31	
35	
26	TO 35
84.0%	
10.0%	
6.0%	
21	TO 46
100	
31.2	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	1	1.0%	1.0%
22	1	1.0%	2.0%
23	1	1.0%	3.0%
24	0	0.0%	3.0%
25	3	3.0%	6.0%
26	6	6.0%	12.0%
27	2	2.0%	14.0%
28	7	7.0%	21.0%
29	9	9.0%	30.0%
30	14	14.0%	44.0%
31	8	8.0%	52.0%
32	11	11.0%	63.0%
33	13	13.0%	76.0%
34	7	7.0%	83.0%
35	7	7.0%	90.0%
36	5	5.0%	95.0%
37	1	1.0%	96.0%
38	0	0.0%	96.0%
39	1	1.0%	97.0%
40	0	0.0%	97.0%
41	2	2.0%	99.0%
42	0	0.0%	99.0%
43	0	0.0%	99.0%
44	0	0.0%	99.0%
45	0	0.0%	99.0%
46	1	1.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Bay St.

Limits: California St. to Mission St. (Hwy 1)

City General Plan Roadway Classification: Arterial

Width: 38-feet

Critical Speed (85th percentile): 30 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 10 total, 1 injury

Adjacent Land Use: Primarily residential, with Bayview Elementary School serving the neighborhoods on both sides of Bay St

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#3 BAY (MISSION-CALIFORNIA) NB & SB

12/6/2017

12:30 PM

30

DATE

TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED

85TH PERCENTILE SPEED

10 MPH PACE SPEED

PERCENT IN PACE SPEED

PERCENT OVER PACE SPEED

PERCENT UNDER PACE SPEED

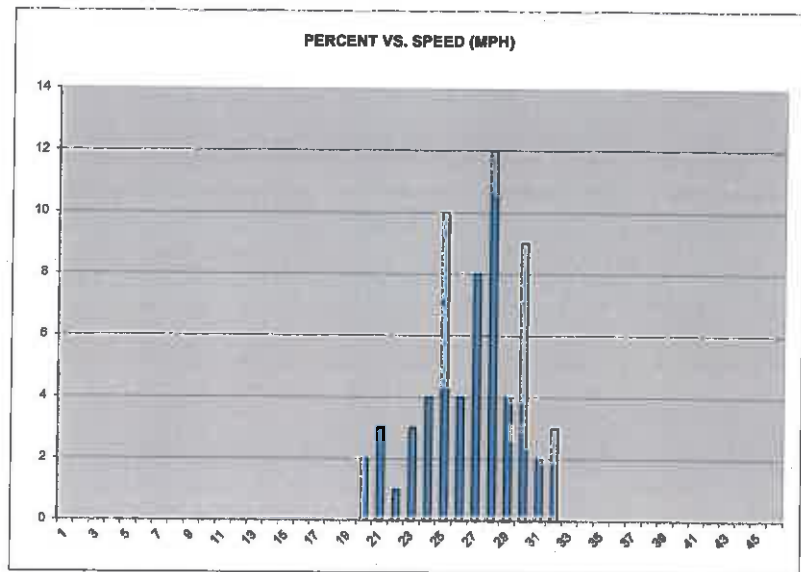
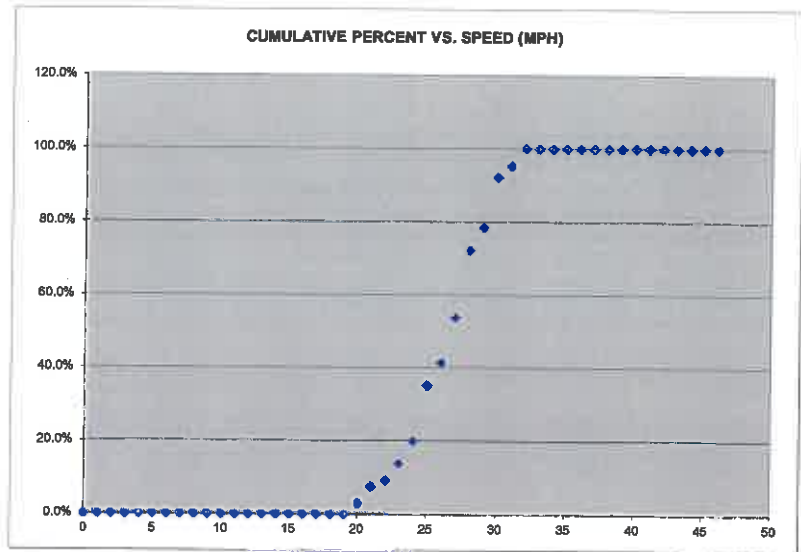
RANGE OF SPEEDS

VEHICLES OBSERVED

AVERAGE SPEED

27
30
23
90.8%
0.0%
9.2%
20
32
65
26.8

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	2	3.1%	3.1%
21	3	4.6%	7.7%
22	1	1.5%	9.2%
23	3	4.6%	13.8%
24	4	6.2%	20.0%
25	10	15.4%	35.4%
26	4	6.2%	41.5%
27	8	12.3%	53.8%
28	12	18.5%	72.3%
29	4	6.2%	78.5%
30	9	13.8%	92.3%
31	2	3.1%	95.4%
32	3	4.6%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





PUBLIC WORKS DEPARTMENT
Transportation Division

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Bay St.

Limits: Escalona Dr. to Mission St. (Hwy 1)

City General Plan Roadway Classification: Arterial

Width: 38-feet

Critical Speed (85th percentile): 30 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 22 total, 1 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

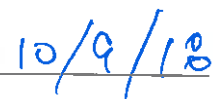
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

#4 BAY (ESCALONA-MISSION)
NB & SB
10/14/2015
9:16 AM
25

DATE

TIME

POSTED SPEED LIMIT

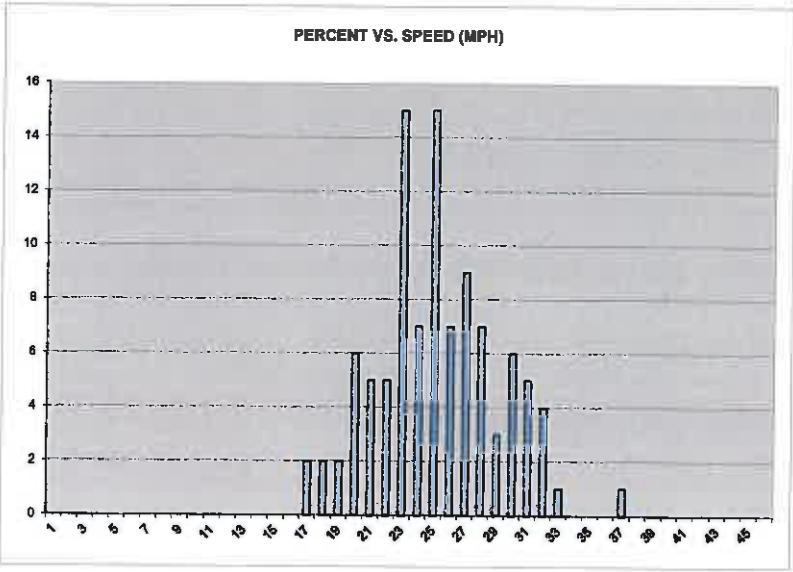
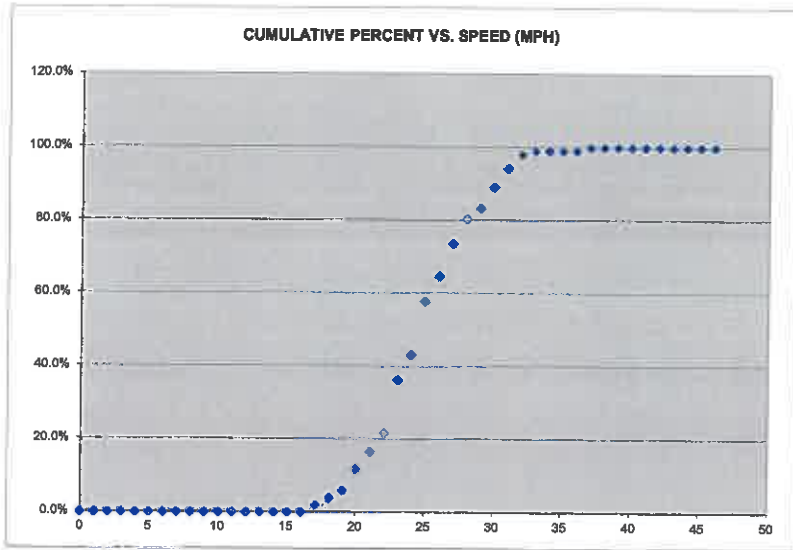
50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

25
30
20
77.5%
16.7%
5.9%
17
102
25.2

TO 29

TO 37

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	2	2.0%	2.0%
18	2	2.0%	3.9%
19	2	2.0%	5.9%
20	6	5.9%	11.8%
21	5	4.9%	16.7%
22	5	4.9%	21.6%
23	15	14.7%	36.3%
24	7	6.9%	43.1%
25	15	14.7%	57.8%
26	7	6.9%	64.7%
27	9	8.8%	73.5%
28	7	6.9%	80.4%
29	3	2.9%	83.3%
30	6	5.9%	89.2%
31	5	4.9%	94.1%
32	4	3.9%	98.0%
33	1	1.0%	99.0%
34	0	0.0%	99.0%
35	0	0.0%	99.0%
36	0	0.0%	99.0%
37	1	1.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Bay Dr.

Limits: Escalona Dr. to High St.

City General Plan Roadway Classification: Arterial

Width: 36-feet each direction

Critical Speed (85th percentile): NB - 29 mph / SB – 29 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 17 total, 12 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: None required

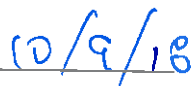
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

#5-A BAY (ESCALONA-HIGH)
NB
10/12/2016
9:00 AM
30

DATE

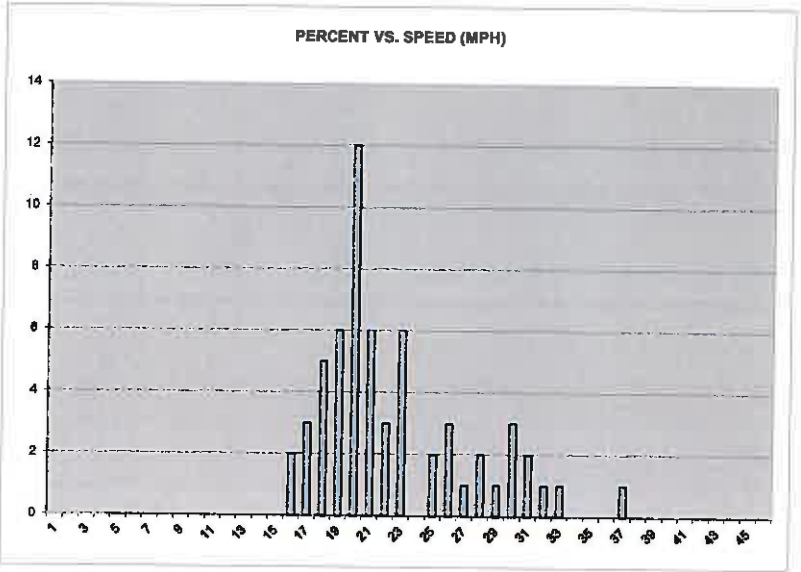
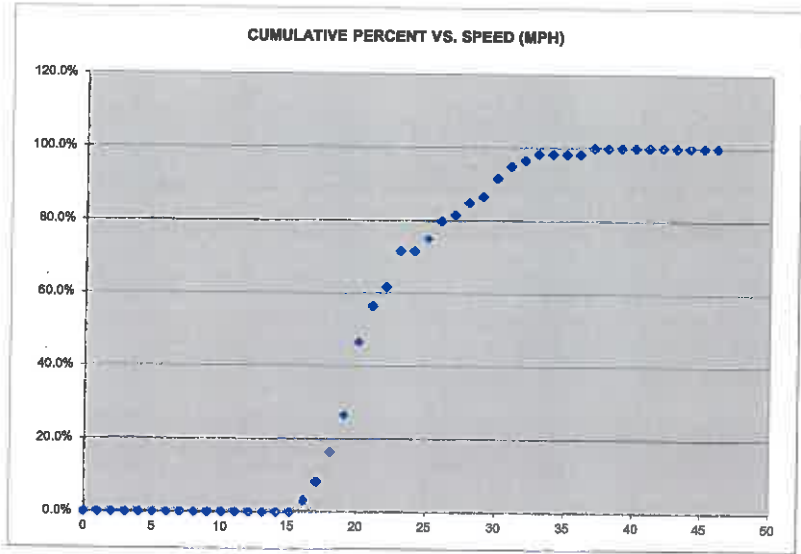
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

21	
29	
17	TO 26
76.7%	
20.0%	
3.3%	
16	TO 37
60	
22.5	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	2	3.3%	3.3%
17	3	5.0%	8.3%
18	5	8.3%	16.7%
19	6	10.0%	26.7%
20	12	20.0%	46.7%
21	6	10.0%	56.7%
22	3	5.0%	61.7%
23	6	10.0%	71.7%
24	0	0.0%	71.7%
25	2	3.3%	75.0%
26	3	5.0%	80.0%
27	1	1.7%	81.7%
28	2	3.3%	85.0%
29	1	1.7%	86.7%
30	3	5.0%	91.7%
31	2	3.3%	95.0%
32	1	1.7%	96.7%
33	1	1.7%	98.3%
34	0	0.0%	98.3%
35	0	0.0%	98.3%
36	0	0.0%	98.3%
37	1	1.7%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%



Vehicle Speed Survey Sheet

DIRECTIONS

#5-B BAY (ESCALONA-BAY)
SB
10/12/2016
10:19 AM
30

DATE

TIME

POSTED SPEED LIMIT

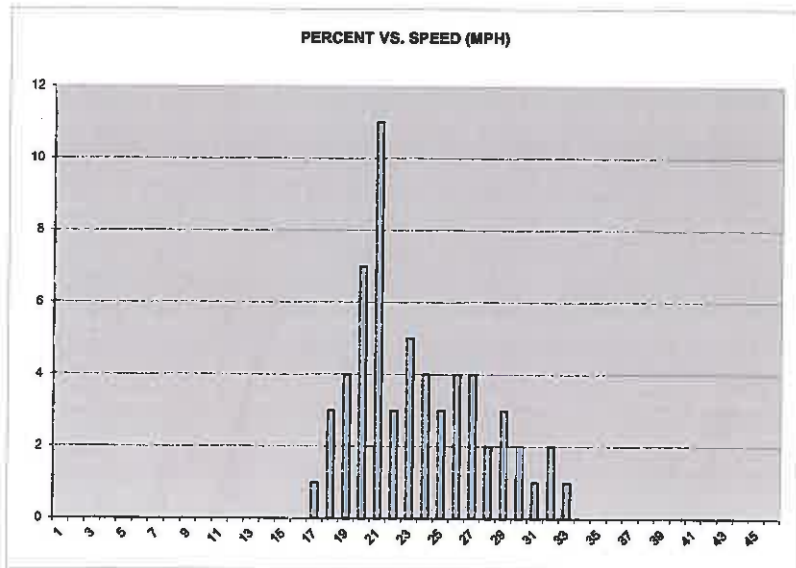
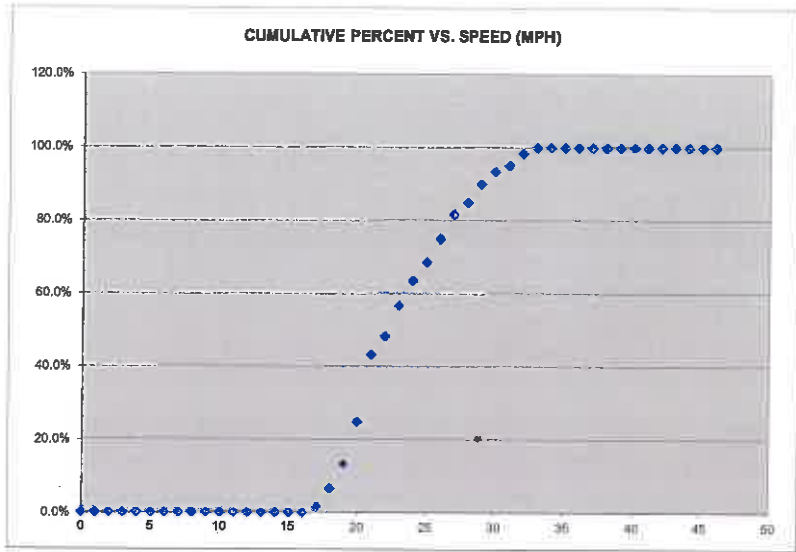
50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

23
29
18
80.0%
18.3%
1.7%
17
60
23.6

TO 27

TO 33

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	1	1.7%	1.7%
18	3	5.0%	6.7%
19	4	6.7%	13.3%
20	7	11.7%	25.0%
21	11	18.3%	43.3%
22	3	5.0%	48.3%
23	5	8.3%	56.7%
24	4	6.7%	63.3%
25	3	5.0%	68.3%
26	4	6.7%	75.0%
27	4	6.7%	81.7%
28	2	3.3%	85.0%
29	3	5.0%	90.0%
30	2	3.3%	93.3%
31	1	1.7%	95.0%
32	2	3.3%	98.3%
33	1	1.7%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Beach St.

Limits: West Cliff Dr. to 3rd St.

City General Plan Roadway Classification: Arterial

Width: Varies 40 – 50 feet, 1 block at 60 feet with median

Critical Speed (85th percentile): 22 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 15 total, 2 injury

Adjacent Land Use: Business

Speed reduction justification: None required

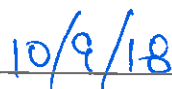
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

#107 BEACH ST. (WEST CLIFF-
THIRD) EB
10/26/2017
11:01 AM
25

DATE

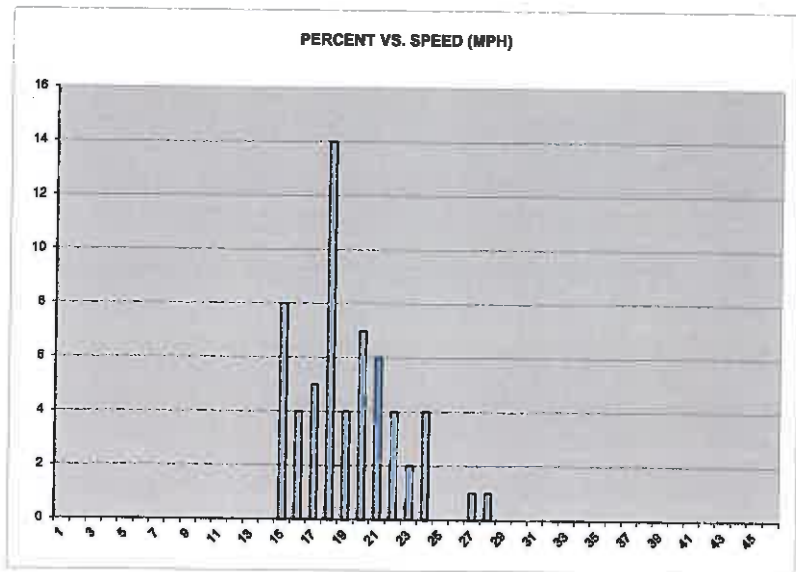
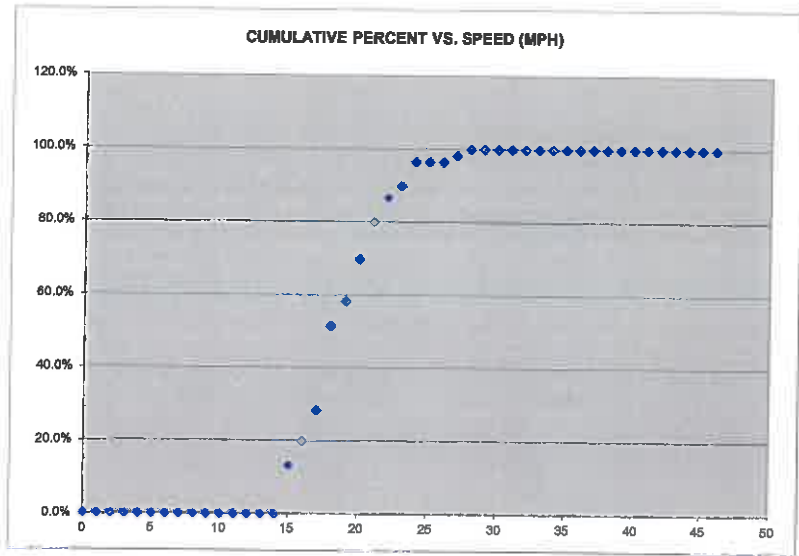
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

18	TO	24
22		
15		
96.7%		
3.3%		
0.0%		
15	TO	28
60		
19.1		

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	8	13.3%	13.3%
16	4	6.7%	20.0%
17	5	8.3%	28.3%
18	14	23.3%	51.7%
19	4	6.7%	58.3%
20	7	11.7%	70.0%
21	6	10.0%	80.0%
22	4	6.7%	86.7%
23	2	3.3%	90.0%
24	4	6.7%	96.7%
25	0	0.0%	96.7%
26	0	0.0%	96.7%
27	1	1.7%	98.3%
28	1	1.7%	100.0%
29	0	0.0%	100.0%
30	0	0.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: N. Branciforte Ave.

Limits: Water St. to Soquel Ave.

City General Plan Roadway Classification: Collector

Width: 60-feet

Critical Speed (85th percentile): 32 mph

Unusual Conditions/Allowable Considerations per CVC:

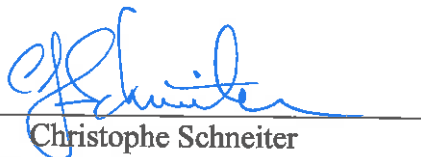
Reported Collisions: 2010 through 2015, 1 total, 0 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#142b N. BRANCIFORTE AV.
(WATER-SOQUEL) NB & SB
11/6/2017
10:45 AM
25

DATE

TIME

POSTED SPEED LIMIT

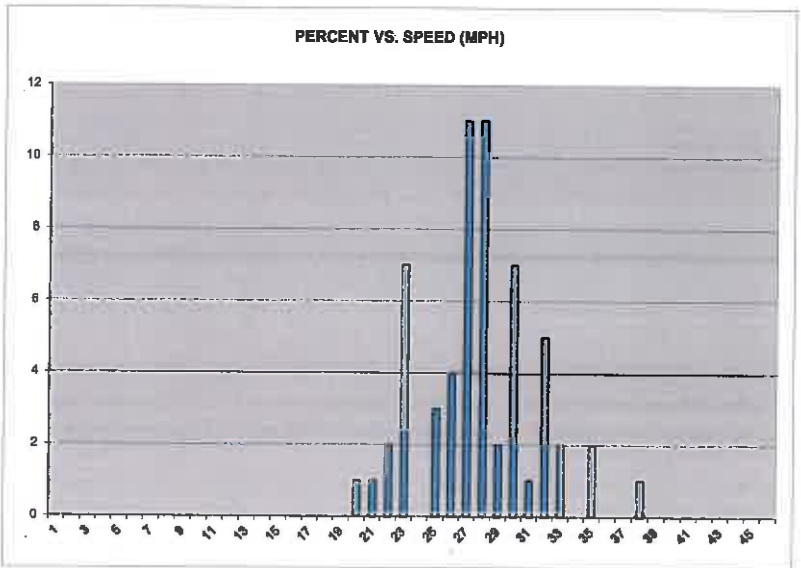
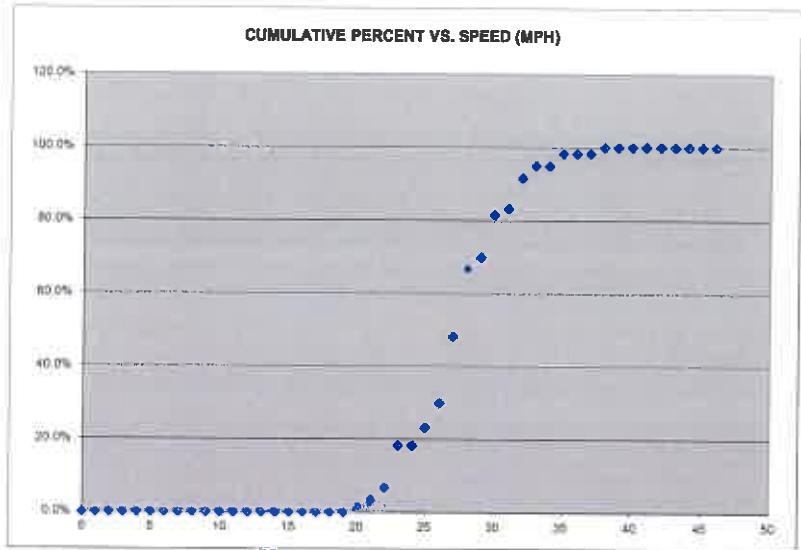
50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

28
32
23
85.0%
8.3%
6.7%
20
60
27.7

TO 32

TO 38

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	1	1.7%	1.7%
21	1	1.7%	3.3%
22	2	3.3%	6.7%
23	7	11.7%	18.3%
24	0	0.0%	18.3%
25	3	5.0%	23.3%
26	4	6.7%	30.0%
27	11	18.3%	48.3%
28	11	18.3%	66.7%
29	2	3.3%	70.0%
30	7	11.7%	81.7%
31	1	1.7%	83.3%
32	5	8.3%	91.7%
33	2	3.3%	95.0%
34	0	0.0%	95.0%
35	2	3.3%	98.3%
36	0	0.0%	98.3%
37	0	0.0%	98.3%
38	1	1.7%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: N. Branciforte Ave.

Limits: Water St. to Fairmount Ave.

City General Plan Roadway Classification: Collector

Width: 44-feet

Critical Speed (85th percentile): 34 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 1 total, 1 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____

Christophe Schneider

Title: City Engineer

Date: _____

10/9/13

Vehicle Speed Survey Sheet

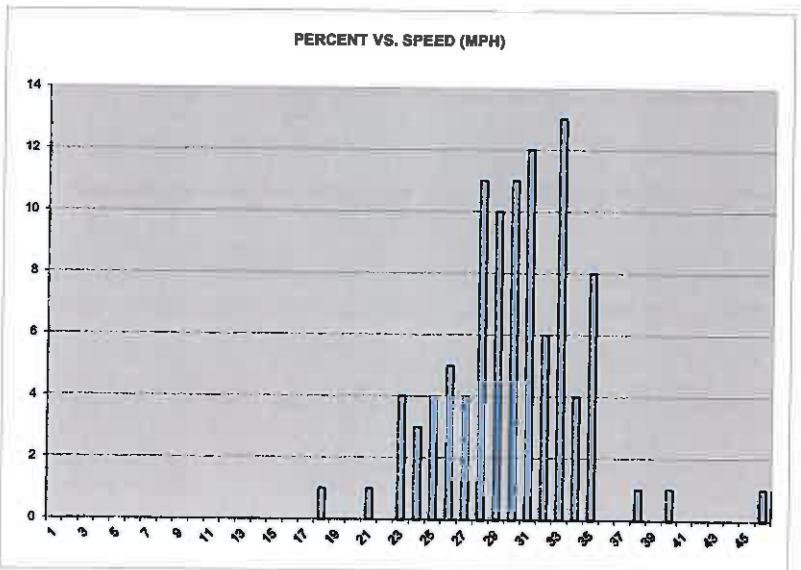
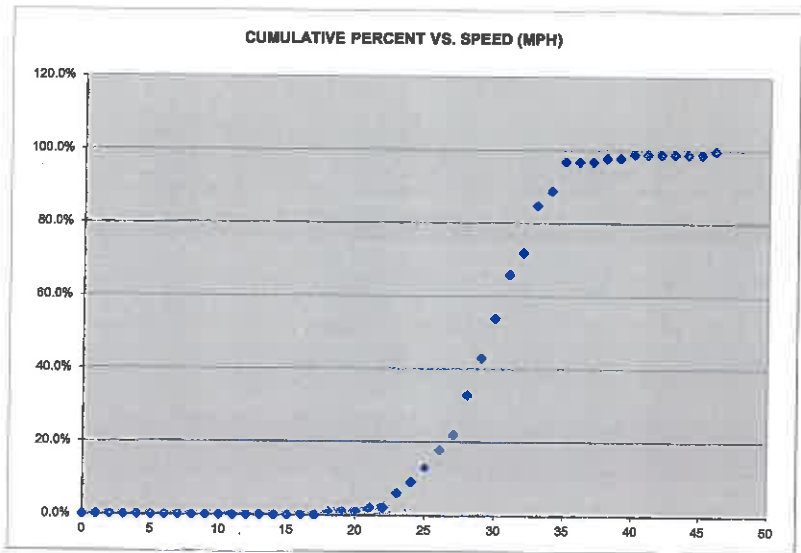
DIRECTIONS

#6 N. BRANCIFORTE (WATER-FAIRMOUNT) NB & SB
 DATE 10/14/2015
 TIME 11:35 AM
 POSTED SPEED LIMIT 30

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

30	TO	35
34		
26		
84.0%		
3.0%		
13.0%		
18	TO	46
100		
30.0		

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	1	1.0%	1.0%
19	0	0.0%	1.0%
20	0	0.0%	1.0%
21	1	1.0%	2.0%
22	0	0.0%	2.0%
23	4	4.0%	6.0%
24	3	3.0%	9.0%
25	4	4.0%	13.0%
26	5	5.0%	18.0%
27	4	4.0%	22.0%
28	11	11.0%	33.0%
29	10	10.0%	43.0%
30	11	11.0%	54.0%
31	12	12.0%	66.0%
32	6	6.0%	72.0%
33	13	13.0%	85.0%
34	4	4.0%	89.0%
35	8	8.0%	97.0%
36	0	0.0%	97.0%
37	0	0.0%	97.0%
38	1	1.0%	98.0%
39	0	0.0%	98.0%
40	1	1.0%	99.0%
41	0	0.0%	99.0%
42	0	0.0%	99.0%
43	0	0.0%	99.0%
44	0	0.0%	99.0%
45	0	0.0%	99.0%
46	1	1.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: N. Branciforte Ave.

Limits: Fairmount Ave. to Camille Ln.

City General Plan Roadway Classification: Collector

Width: 40-feet

Critical Speed (85th percentile): 32 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 1 total, 0 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____

Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#142b N. BRANCIFORTE AV.
 (Fairmount to Camille) NB & SB
 11/6/2017
 10:45 AM
 25

DATE

TIME

POSTED SPEED LIMIT

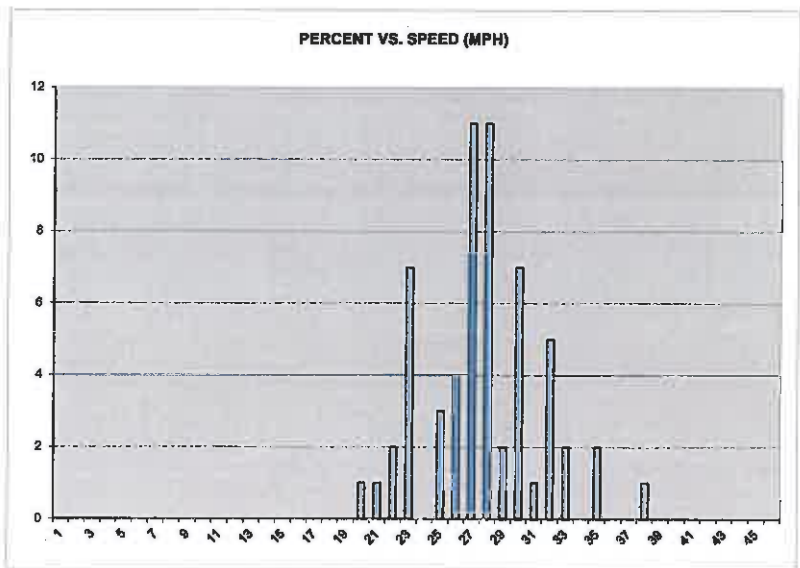
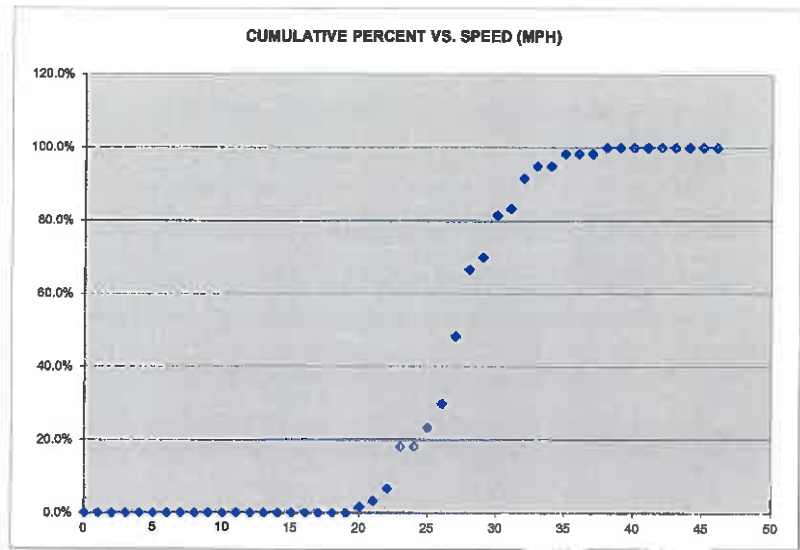
50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

28
32
23
85.0%
8.3%
6.7%
20
60
27.7

TO

TO

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	1	1.7%	1.7%
21	1	1.7%	3.3%
22	2	3.3%	6.7%
23	7	11.7%	18.3%
24	0	0.0%	18.3%
25	3	5.0%	23.3%
26	4	6.7%	30.0%
27	11	18.3%	48.3%
28	11	18.3%	66.7%
29	2	3.3%	70.0%
30	7	11.7%	81.7%
31	1	1.7%	83.3%
32	5	8.3%	91.7%
33	2	3.3%	95.0%
34	0	0.0%	95.0%
35	2	3.3%	98.3%
36	0	0.0%	98.3%
37	0	0.0%	98.3%
38	1	1.7%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: S. Branciforte Ave.

Limits: Broadway to Soquel Ave.

City General Plan Roadway Classification: Collector

Width: 47-feet

Critical Speed (85th percentile): 27 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 13 total, 6 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____

Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#155 S. BRANCIORTE
(SOQUEL-BROADWAY) NB &
SB

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

24
27
18
80.0%
13.3%
6.7%
15
60
23.5

TO 27

TO 40

DATE

11/30/2017

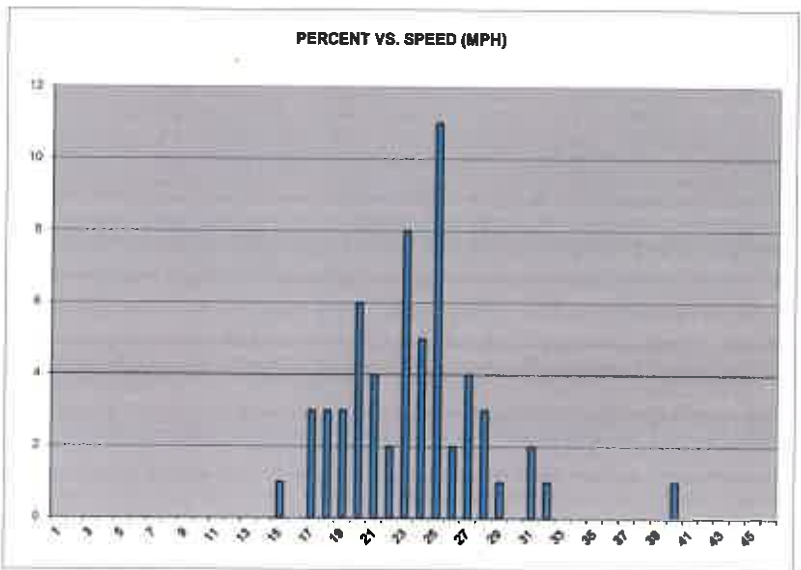
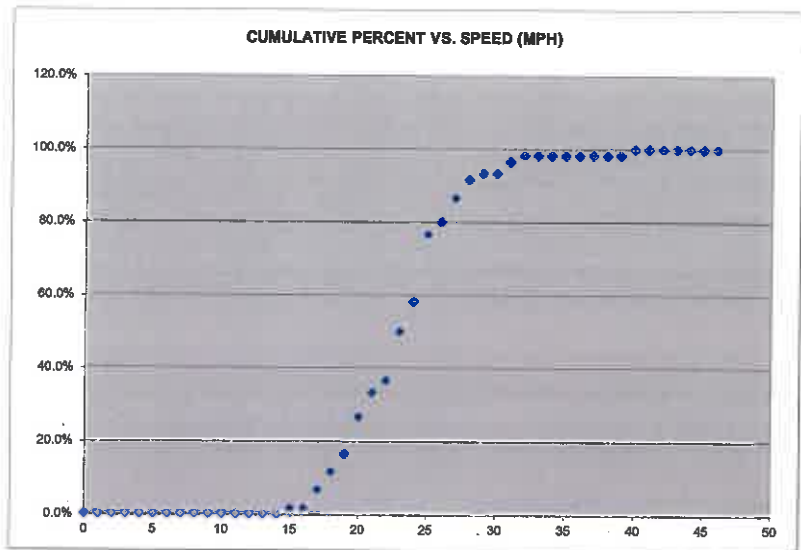
TIME

2:55 PM

POSTED SPEED LIMIT

25

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	1	1.7%	1.7%
16	0	0.0%	1.7%
17	3	5.0%	6.7%
18	3	5.0%	11.7%
19	3	5.0%	16.7%
20	6	10.0%	26.7%
21	4	6.7%	33.3%
22	2	3.3%	36.7%
23	8	13.3%	50.0%
24	5	8.3%	58.3%
25	11	18.3%	76.7%
26	2	3.3%	80.0%
27	4	6.7%	86.7%
28	3	5.0%	91.7%
29	1	1.7%	93.3%
30	0	0.0%	93.3%
31	2	3.3%	96.7%
32	1	1.7%	98.3%
33	0	0.0%	98.3%
34	0	0.0%	98.3%
35	0	0.0%	98.3%
36	0	0.0%	98.3%
37	0	0.0%	98.3%
38	0	0.0%	98.3%
39	0	0.0%	98.3%
40	1	1.7%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Broadway

Limits: Ocean St. to Pine St.

City General Plan Roadway Classification: Arterial

Width: 40-feet

Critical Speed (85th percentile): 29 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 16 total, 11 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#7 BROADWAY (OCEAN - PINE) EB & WB
 11/16/2015
 10:30 AM
 25

DATE

TIME

POSTED SPEED LIMIT

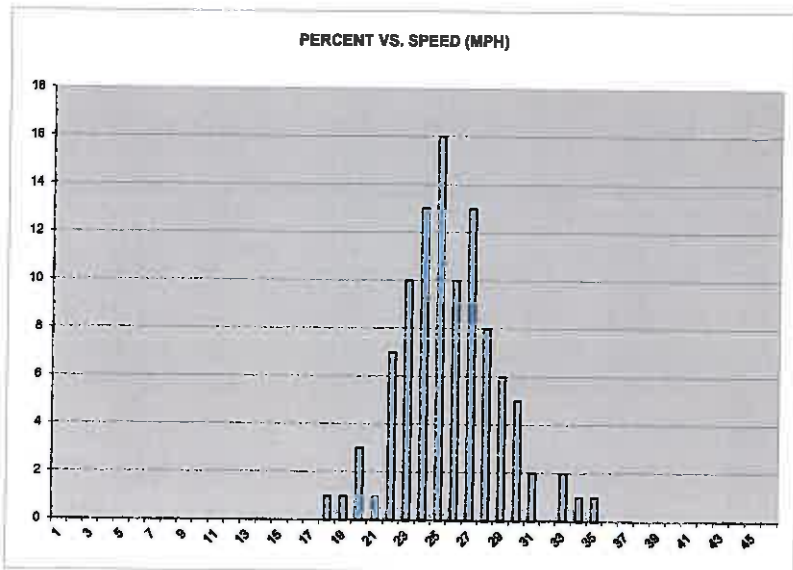
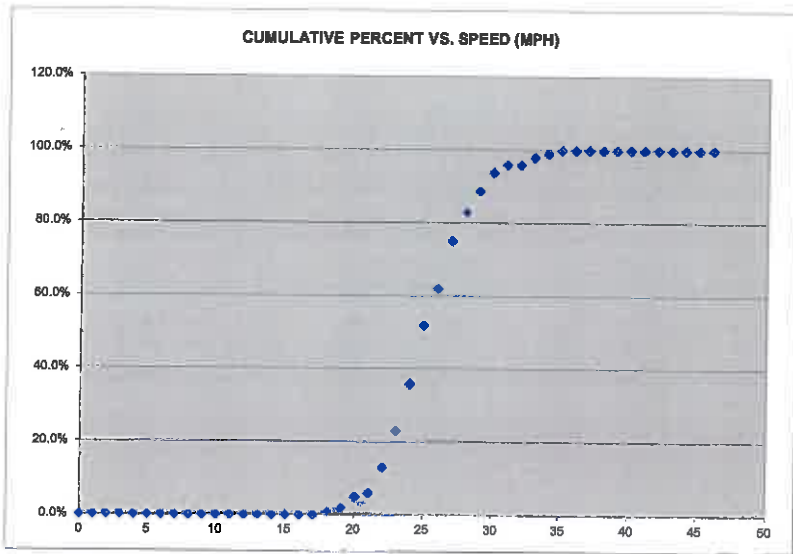
50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

25
29
22
90.0%
4.0%
6.0%
18
100
25.7

TO 31

TO 35

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	1	1.0%	1.0%
19	1	1.0%	2.0%
20	3	3.0%	5.0%
21	1	1.0%	6.0%
22	7	7.0%	13.0%
23	10	10.0%	23.0%
24	13	13.0%	36.0%
25	16	16.0%	52.0%
26	10	10.0%	62.0%
27	13	13.0%	75.0%
28	8	8.0%	83.0%
29	6	6.0%	89.0%
30	5	5.0%	94.0%
31	2	2.0%	96.0%
32	0	0.0%	96.0%
33	2	2.0%	98.0%
34	1	1.0%	99.0%
35	1	1.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Broadway

Limits: Pine St. to Frederick St.

City General Plan Roadway Classification: Arterial

Width: Varies, 37-foot two-way to 37-foot each direction

Critical Speed (85th percentile): 29 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 6 total, 3 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

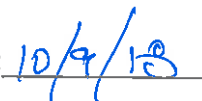
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneiter

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

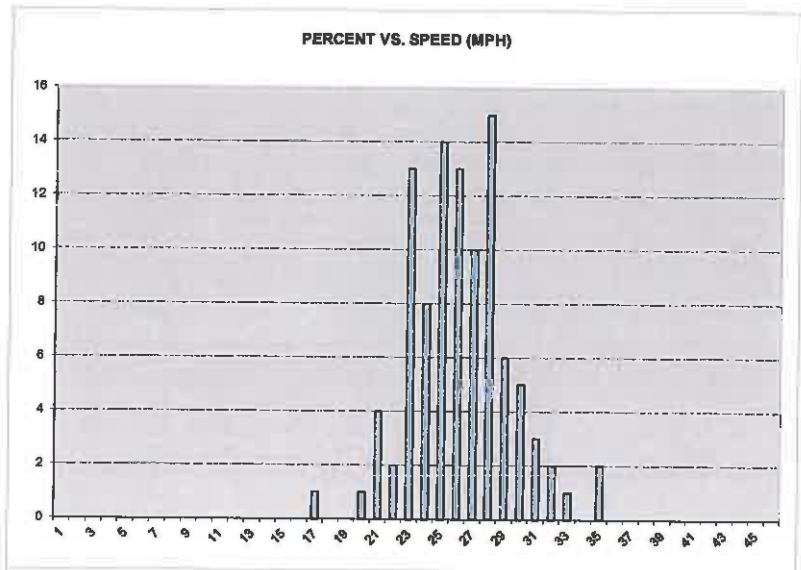
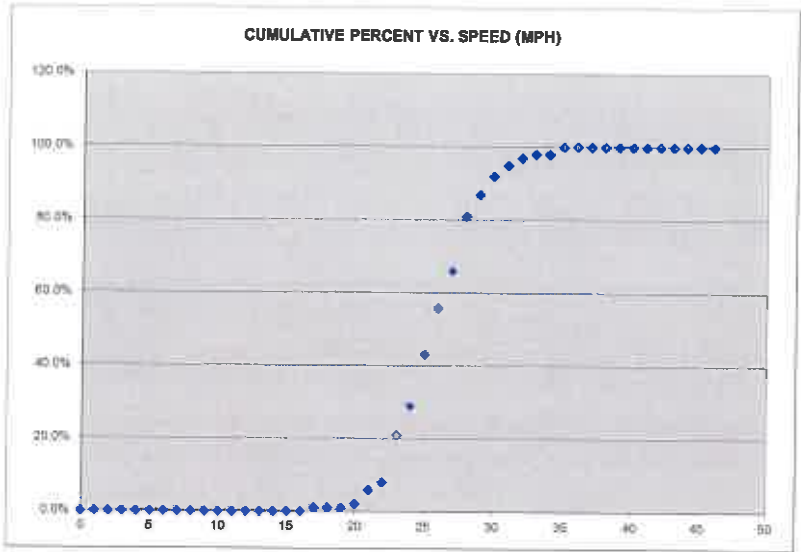
#8 BROADWAY (PINE-FREDERICK) EB & WB
 11:16/2015
 11:05 AM
 25

DATE
 TIME
 POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

26	TO	30
29		
21		
90.0%		
8.0%		
2.0%		
17	TO	35
100		
26.2		

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	1	1.0%	1.0%
18	0	0.0%	1.0%
19	0	0.0%	1.0%
20	1	1.0%	2.0%
21	4	4.0%	6.0%
22	2	2.0%	8.0%
23	13	13.0%	21.0%
24	8	8.0%	29.0%
25	14	14.0%	43.0%
26	13	13.0%	56.0%
27	10	10.0%	66.0%
28	15	15.0%	81.0%
29	6	6.0%	87.0%
30	5	5.0%	92.0%
31	3	3.0%	95.0%
32	2	2.0%	97.0%
33	1	1.0%	98.0%
34	0	0.0%	98.0%
35	2	2.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Broadway

Limits: Ocean St. to San Lorenzo Blvd.

City General Plan Roadway Classification: Arterial

Width: 40-feet

Critical Speed (85th percentile): 30 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 29 total, 10 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment; segment meets residential density requirement of CVC 627 for a 5 mph reduction.

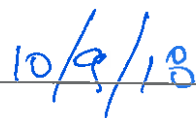
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneiter

Title: City Engineer

Date: _____


10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#75 BROADWAY (OCEAN-SAN LORENZO) NB & SB
 11/2/2016
 3:00 PM
 (no sign) 25

DATE

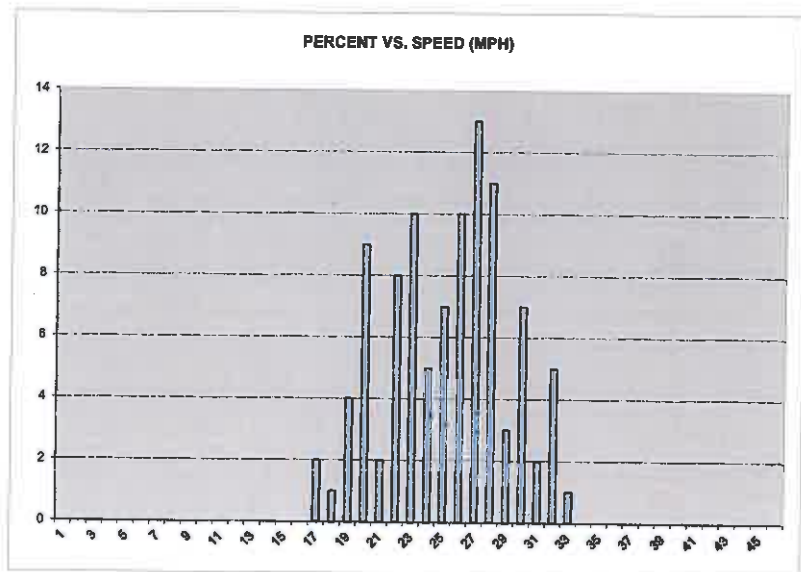
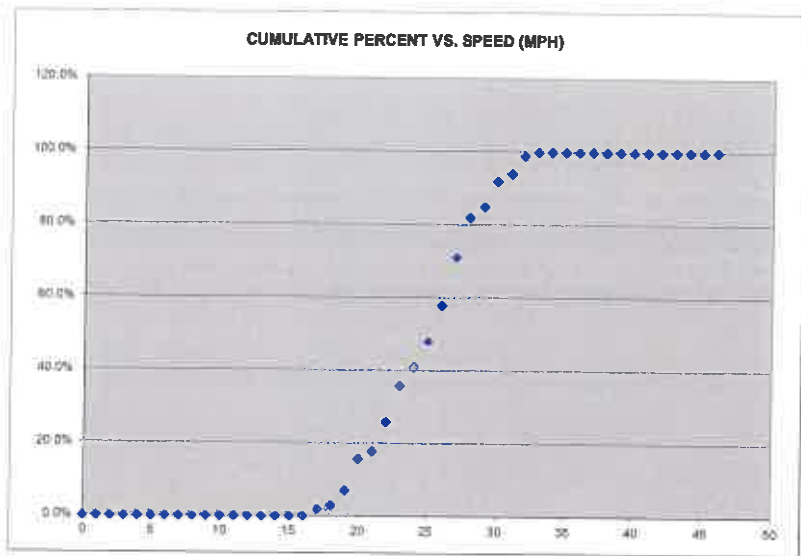
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

26
30
19
TO 28
79.0%
18.0%
3.0%
17
TO 33
100
25.2

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	2	2.0%	2.0%
18	1	1.0%	3.0%
19	4	4.0%	7.0%
20	9	9.0%	16.0%
21	2	2.0%	18.0%
22	8	8.0%	26.0%
23	10	10.0%	36.0%
24	5	5.0%	41.0%
25	7	7.0%	48.0%
26	10	10.0%	58.0%
27	13	13.0%	71.0%
28	11	11.0%	82.0%
29	3	3.0%	85.0%
30	7	7.0%	92.0%
31	2	2.0%	94.0%
32	5	5.0%	99.0%
33	1	1.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: California Ave.

Limits: Bay St. to Errett Circle

City General Plan Roadway Classification: Collector

Width: 46-feet

Critical Speed (85th percentile): 32 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 3 total, 0 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneiter

Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#9 CALIFORNIA (BAY-ERRET)
EB & WB
11/18/2015
9:59 AM
(no sign) 25

DATE

TIME

POSTED SPEED LIMIT

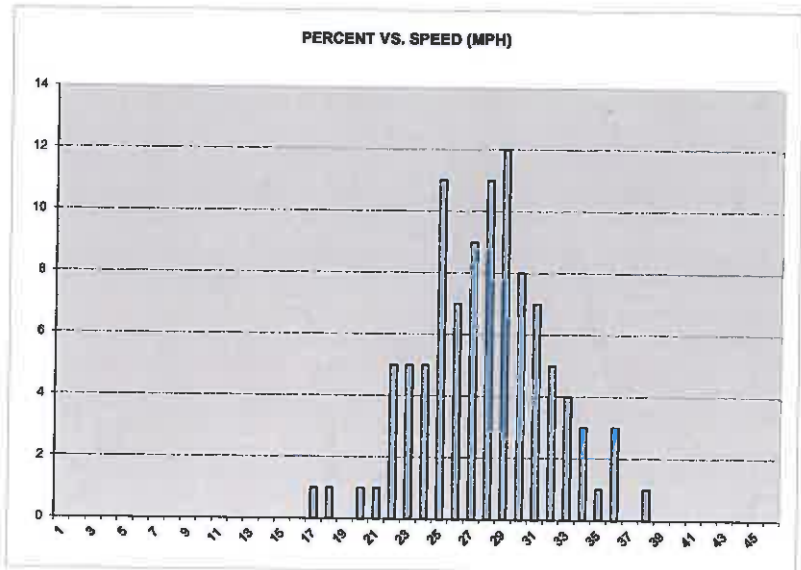
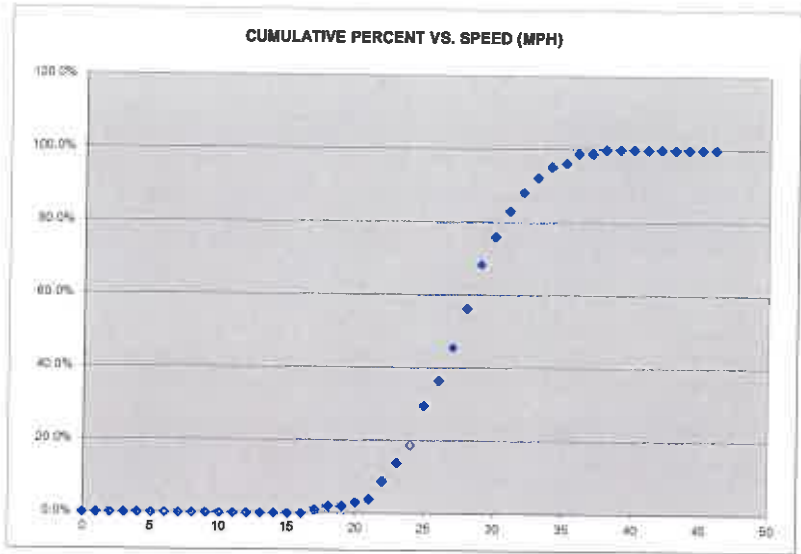
50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

28
32
22
79.2%
16.8%
4.0%
17
101
27.8

TO 31

TO 38

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	1	1.0%	1.0%
18	1	1.0%	2.0%
19	0	0.0%	2.0%
20	1	1.0%	3.0%
21	1	1.0%	4.0%
22	5	5.0%	8.9%
23	5	5.0%	13.9%
24	5	5.0%	18.8%
25	11	10.9%	29.7%
26	7	6.9%	36.6%
27	9	8.9%	45.5%
28	11	10.9%	56.4%
29	12	11.9%	68.3%
30	8	7.9%	76.2%
31	7	6.9%	83.2%
32	5	5.0%	88.1%
33	4	4.0%	92.1%
34	3	3.0%	95.0%
35	1	1.0%	96.0%
36	3	3.0%	99.0%
37	0	0.0%	99.0%
38	1	1.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: California St.

Limits: Bay St. to Laurel St.

City General Plan Roadway Classification: Collector

Width: 45-feet

Critical Speed (85th percentile): 28 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 9 total, 3 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Date: 10/9/18

Title: City Engineer

Vehicle Speed Survey Sheet

DIRECTIONS

#10 CALIFORNIA (BAY-
LAUREL) EB & WB
11/18/2015
10:42 AM
25

DATE

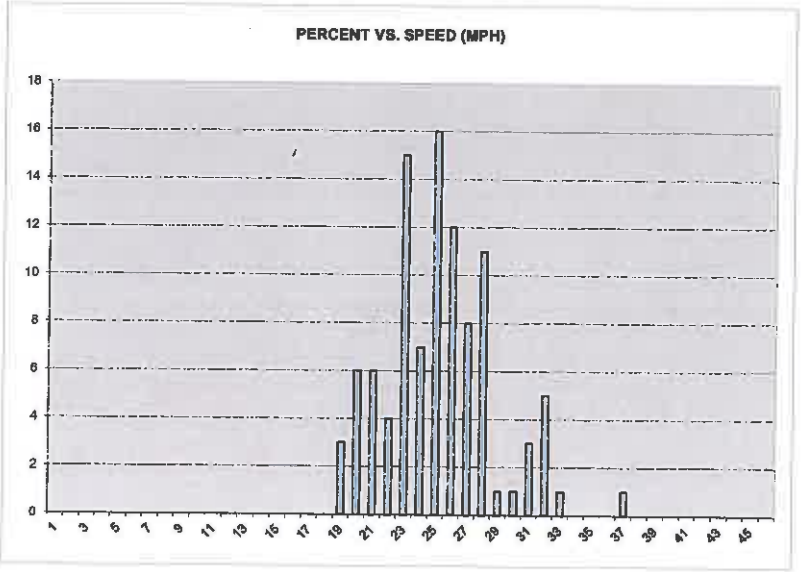
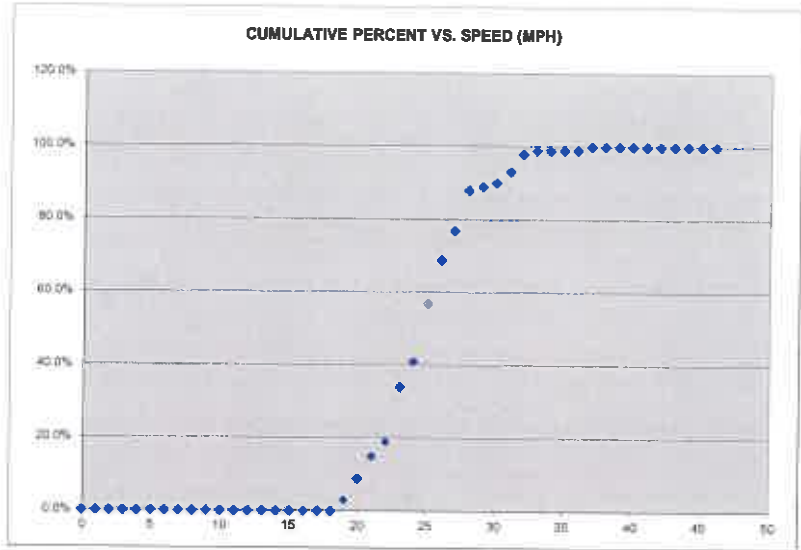
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

25
28
19
TO 28
88.0%
12.0%
0.0%
19
TO 37
100
25.2

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	3	3.0%	3.0%
20	6	6.0%	9.0%
21	5	6.0%	15.0%
22	4	4.0%	19.0%
23	15	15.0%	34.0%
24	7	7.0%	41.0%
25	16	16.0%	57.0%
26	12	12.0%	69.0%
27	8	8.0%	77.0%
28	11	11.0%	88.0%
29	1	1.0%	89.0%
30	1	1.0%	90.0%
31	3	3.0%	93.0%
32	5	5.0%	98.0%
33	1	1.0%	99.0%
34	0	0.0%	99.0%
35	0	0.0%	99.0%
36	0	0.0%	99.0%
37	1	1.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Carbonera Dr.

Limits: Isbel Dr. to El Rancho Dr.

City General Plan Roadway Classification: Collector

Width: 40-feet

Critical Speed (85th percentile): 30 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 0 total, 0 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

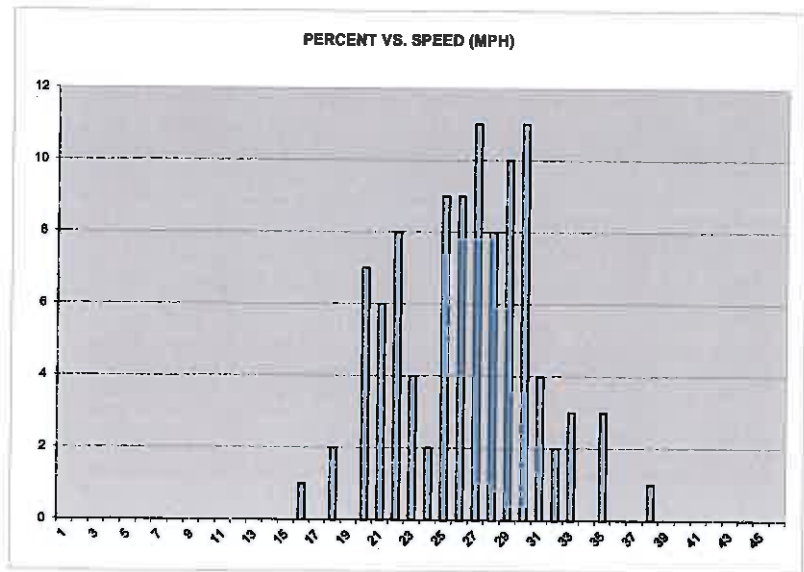
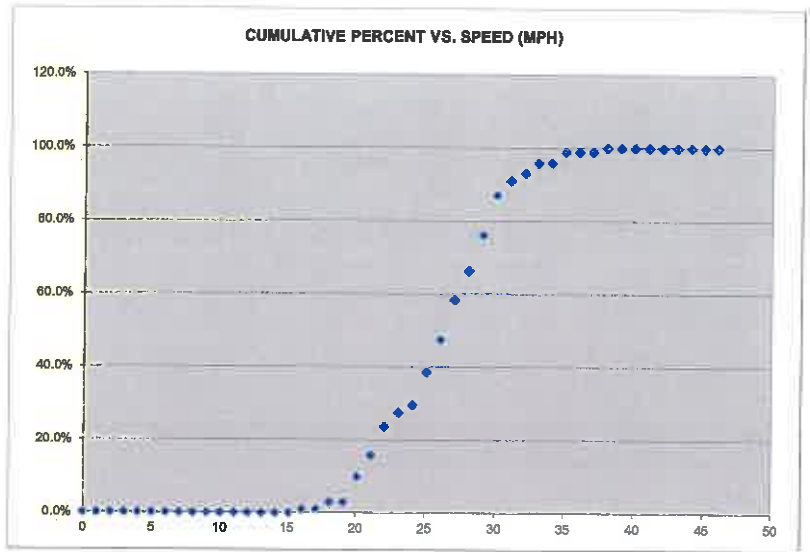
#11 CARBONERA (ISBEL-EL RANCHO)
 10/13/2016
 9:05 AM
 25

DATE
 TIME
 POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

27
30
21
77.2%
12.9%
9.9%
16
38
101
26.4

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	1	1.0%	1.0%
17	0	0.0%	1.0%
18	2	2.0%	3.0%
19	0	0.0%	3.0%
20	7	6.9%	9.9%
21	6	5.9%	15.8%
22	8	7.9%	23.8%
23	4	4.0%	27.7%
24	2	2.0%	29.7%
25	9	8.9%	38.6%
26	9	8.9%	47.5%
27	11	10.9%	58.4%
28	8	7.9%	66.3%
29	10	9.9%	76.2%
30	11	10.9%	87.1%
31	4	4.0%	91.1%
32	2	2.0%	93.1%
33	3	3.0%	96.0%
34	0	0.0%	96.0%
35	3	3.0%	99.0%
36	0	0.0%	99.0%
37	0	0.0%	99.0%
38	1	1.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Cayuga St.

Limits: Broadway to Soquel Ave.

City General Plan Roadway Classification: Local

Width: 46 feet

Critical Speed (85th percentile): 30 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 6 total, 6 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

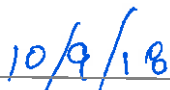
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

#12 CAYUGA (SOQUEL-
BROADWAY) NB & SB
11/20/2015
1:34 PM
no sign 25

DATE

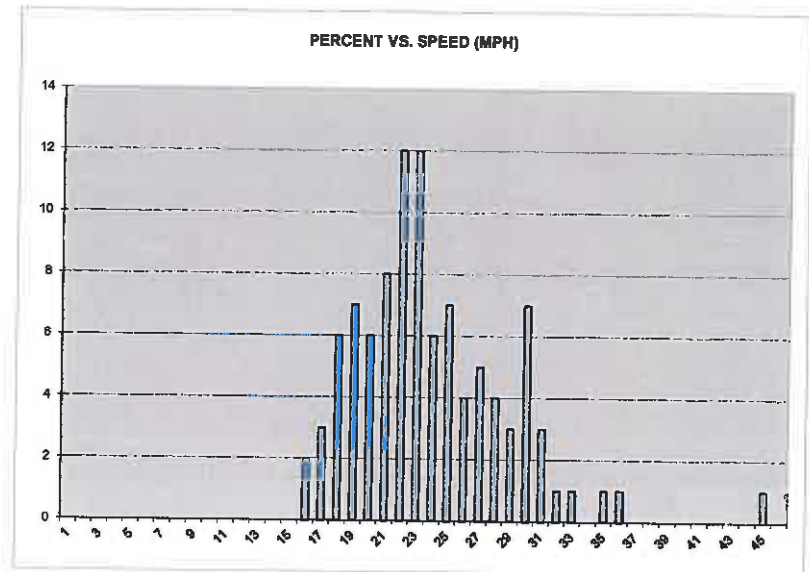
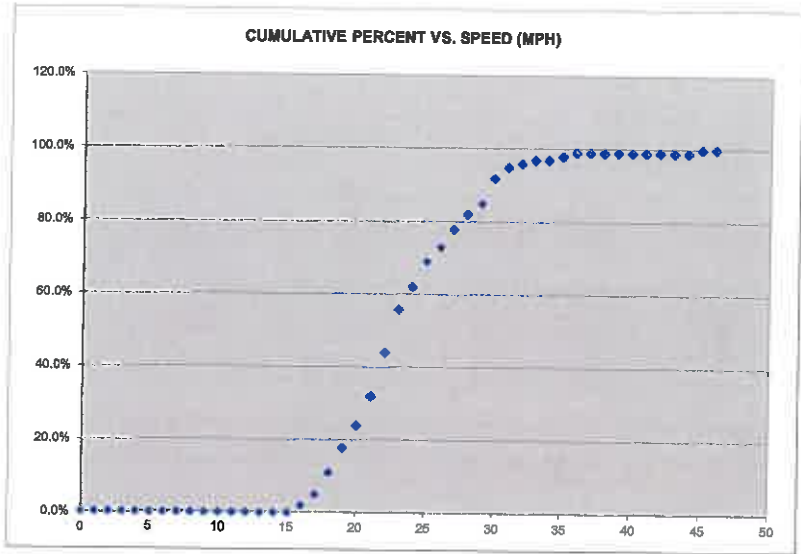
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

23	
30	
18	TO 27
73.0%	
22.0%	
5.0%	
16	TO 45
100	
23.9	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	2	2.0%	2.0%
17	3	3.0%	5.0%
18	6	6.0%	11.0%
19	7	7.0%	18.0%
20	6	6.0%	24.0%
21	8	8.0%	32.0%
22	12	12.0%	44.0%
23	12	12.0%	56.0%
24	6	6.0%	62.0%
25	7	7.0%	69.0%
26	4	4.0%	73.0%
27	5	5.0%	78.0%
28	4	4.0%	82.0%
29	3	3.0%	85.0%
30	7	7.0%	92.0%
31	3	3.0%	95.0%
32	1	1.0%	96.0%
33	1	1.0%	97.0%
34	0	0.0%	97.0%
35	1	1.0%	98.0%
36	1	1.0%	99.0%
37	0	0.0%	99.0%
38	0	0.0%	99.0%
39	0	0.0%	99.0%
40	0	0.0%	99.0%
41	0	0.0%	99.0%
42	0	0.0%	99.0%
43	0	0.0%	99.0%
44	0	0.0%	99.0%
45	1	1.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Cayuga St

Limits: Broadway to Hiawatha Ave.

City General Plan Roadway Classification: Local

Width: 46-48 feet

Critical Speed (85th percentile): 28 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 6 total, 5 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____

Christophe Schneider
Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#13 CAYUGA (BROADWAY- HIAWATHA) NB & SB
11/23/2015
10:23 AM
25

DATE

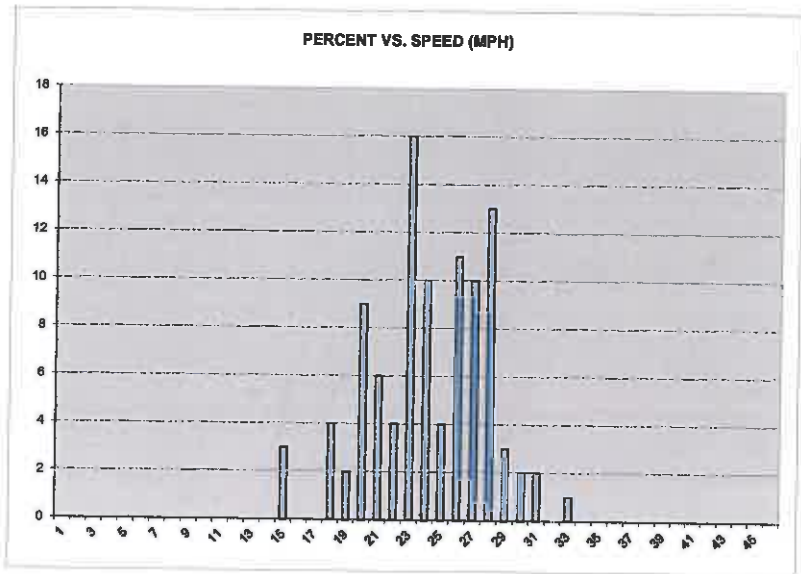
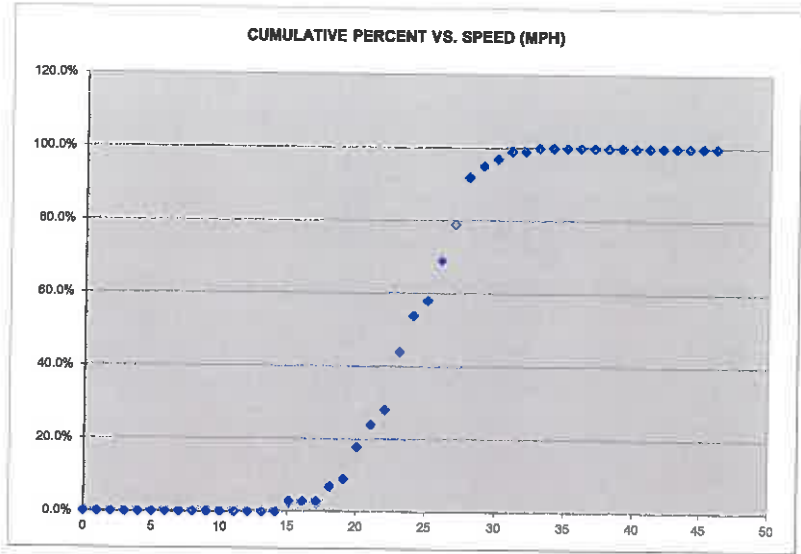
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

24	
28	
20	TO 29
86.0%	
5.0%	
9.0%	
15	TO 33
100	
24.2	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	3	3.0%	3.0%
16	0	0.0%	3.0%
17	0	0.0%	3.0%
18	4	4.0%	7.0%
19	2	2.0%	9.0%
20	9	9.0%	18.0%
21	6	6.0%	24.0%
22	4	4.0%	28.0%
23	16	16.0%	44.0%
24	10	10.0%	54.0%
25	4	4.0%	58.0%
26	11	11.0%	69.0%
27	10	10.0%	79.0%
28	13	13.0%	92.0%
29	3	3.0%	95.0%
30	2	2.0%	97.0%
31	2	2.0%	99.0%
32	0	0.0%	99.0%
33	1	1.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Center St.

Limits: Mission St. to Pacific Ave.

City General Plan Roadway Classification: Arterial

Width: 38 feet

Critical Speed (85th percentile): 24 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 1 total, 0 injury

Adjacent Land Use: Commercial, municipal, and some residential

Speed reduction justification: None required

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

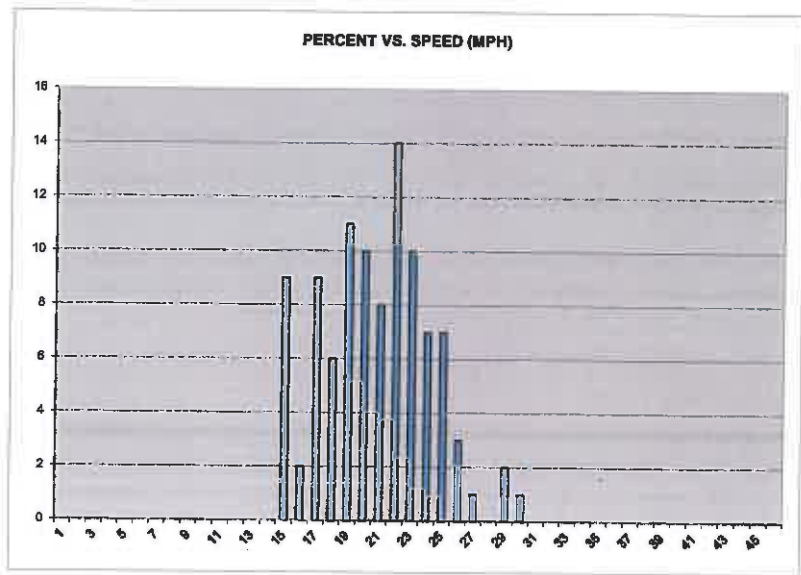
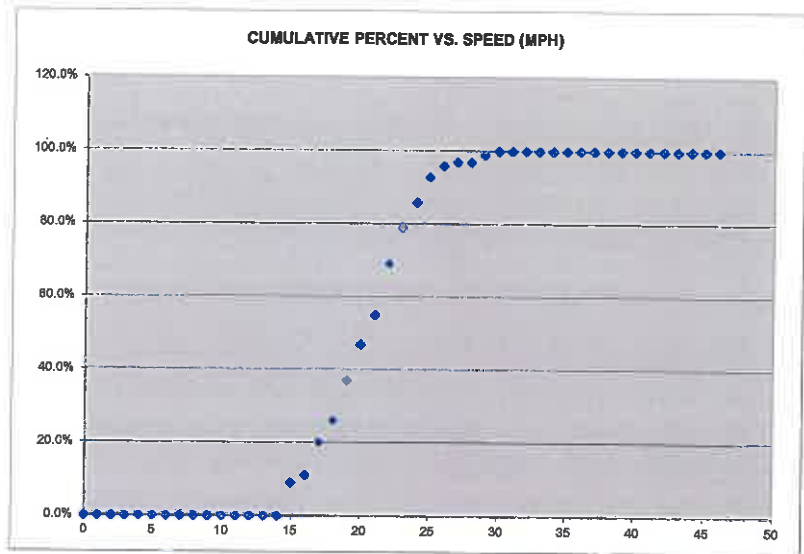
#111 CENTER ST. (MISSION-PACIFIC) NB&SB
 10/23/2017
 1:32 AM
 25

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

21	TO	24
24		
15		
86.0%		
14.0%		
0.0%		
15	TO	30
100		
20.8		

DATE
 TIME
 POSTED SPEED LIMIT

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	9	9.0%	9.0%
16	2	2.0%	11.0%
17	9	9.0%	20.0%
18	6	6.0%	26.0%
19	11	11.0%	37.0%
20	10	10.0%	47.0%
21	8	8.0%	55.0%
22	14	14.0%	69.0%
23	10	10.0%	79.0%
24	7	7.0%	86.0%
25	7	7.0%	93.0%
26	3	3.0%	96.0%
27	1	1.0%	97.0%
28	0	0.0%	97.0%
29	2	2.0%	99.0%
30	1	1.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Chestnut St.

Limits: Laurel St. to Mission St.

City General Plan Roadway Classification: Collector

Width: 46 feet

Critical Speed (85th percentile): 30 mph

Unusual Conditions/Allowable Considerations per CVC:


Reported Collisions: 2010 through 2015, 14 total, 8 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#14 CHESTNUT (LAUREL-
MISSION) NB & SB
12/14/2015
11:35 AM
25

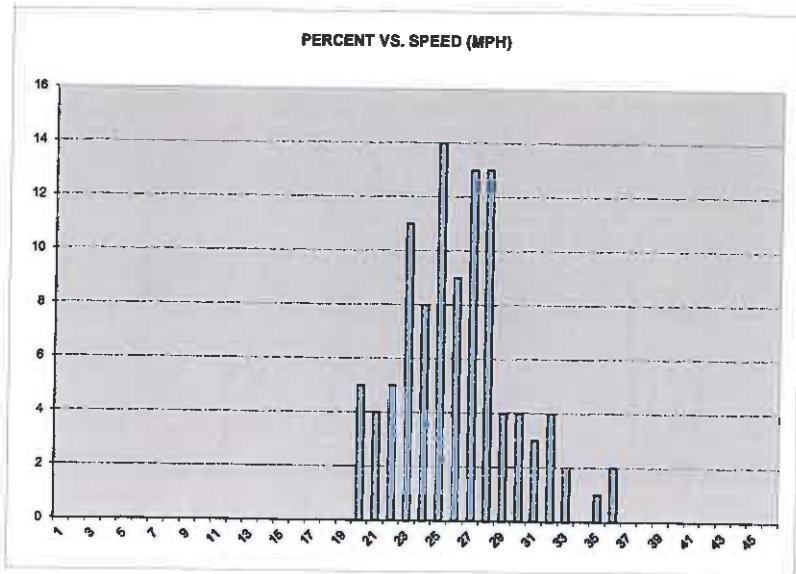
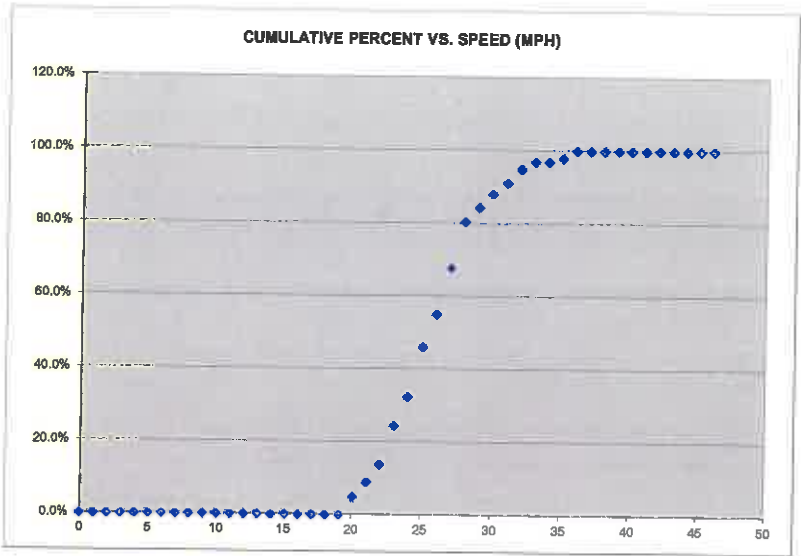
50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

26	TO	29
30		
20		
84.3%		
15.7%		
0.0%		
20	TO	36
102		
26.2		

DATE
TIME

POSTED SPEED LIMIT

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	5	4.9%	4.9%
21	4	3.9%	8.8%
22	5	4.9%	13.7%
23	11	10.8%	24.5%
24	8	7.8%	32.4%
25	14	13.7%	46.1%
26	9	8.8%	54.9%
27	13	12.7%	67.6%
28	13	12.7%	80.4%
29	4	3.9%	84.3%
30	4	3.9%	88.2%
31	3	2.9%	91.2%
32	4	3.9%	95.1%
33	2	2.0%	97.1%
34	0	0.0%	97.1%
35	1	1.0%	98.0%
36	2	2.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Chilverton St.

Limits: Branciforte Ave to Morrissey

City General Plan Roadway Classification: Local

Width: 34-feet

Critical Speed (85th percentile): 32 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 1 total, 0 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#15 CHIVERTON
(BRANCIFORTE-MORRISSEY)
EB & WB
6/2/2016
11:00 AM
(no sign) 25

DATE

TIME

POSTED SPEED LIMIT

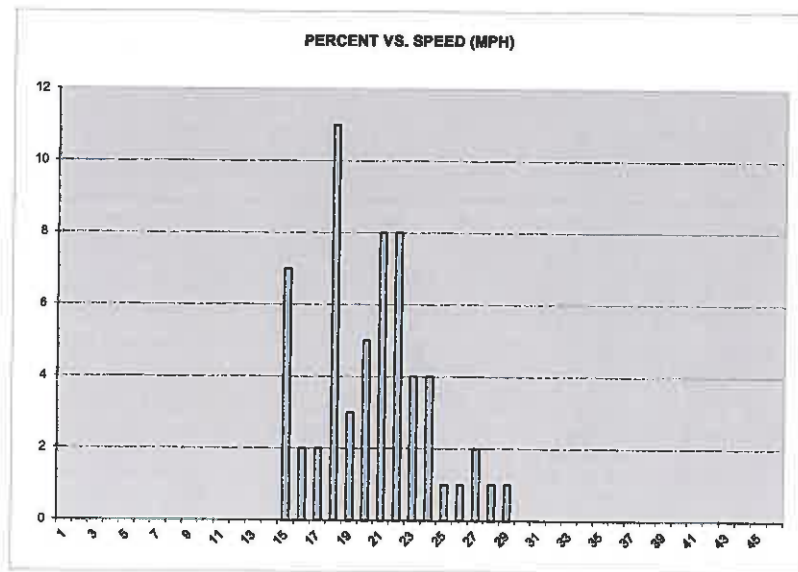
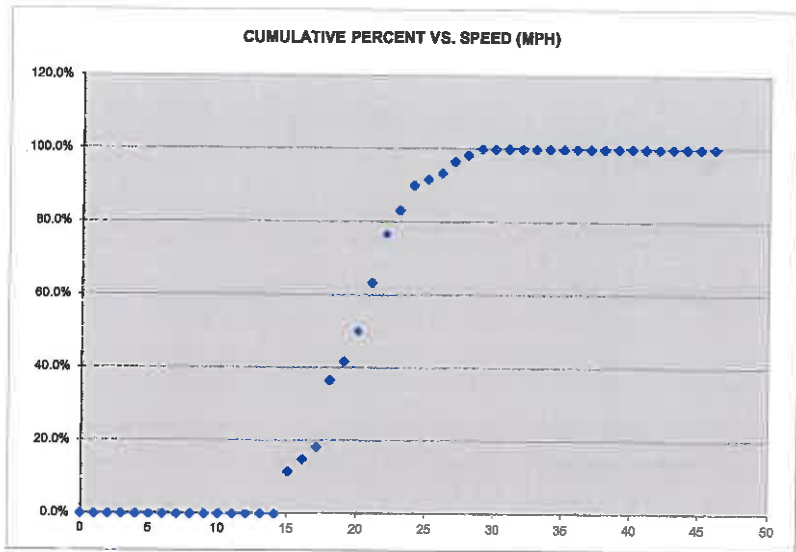
50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

21
24
15
90.0%
10.0%
0.0%
15
60
20.3

TO 24

TO 29

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	7	11.7%	11.7%
16	2	3.3%	15.0%
17	2	3.3%	18.3%
18	11	18.3%	36.7%
19	3	5.0%	41.7%
20	5	8.3%	50.0%
21	8	13.3%	63.3%
22	8	13.3%	76.7%
23	4	6.7%	83.3%
24	4	6.7%	90.0%
25	1	1.7%	91.7%
26	1	1.7%	93.3%
27	2	3.3%	96.7%
28	1	1.7%	98.3%
29	1	1.7%	100.0%
30	0	0.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Coral Street

Limits: River St to Evergreen St.

City General Plan Roadway Classification: Collector

Width: 40-feet

Critical Speed (85th percentile): 27 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 18 total, 3 injury

Adjacent Land Use: Primarily Commercial

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schmeiter

Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#16 CORAL (RIVER- EVERGREEN) NB & SB
10/6/2016
9:25 AM
(no sign) 25

DATE

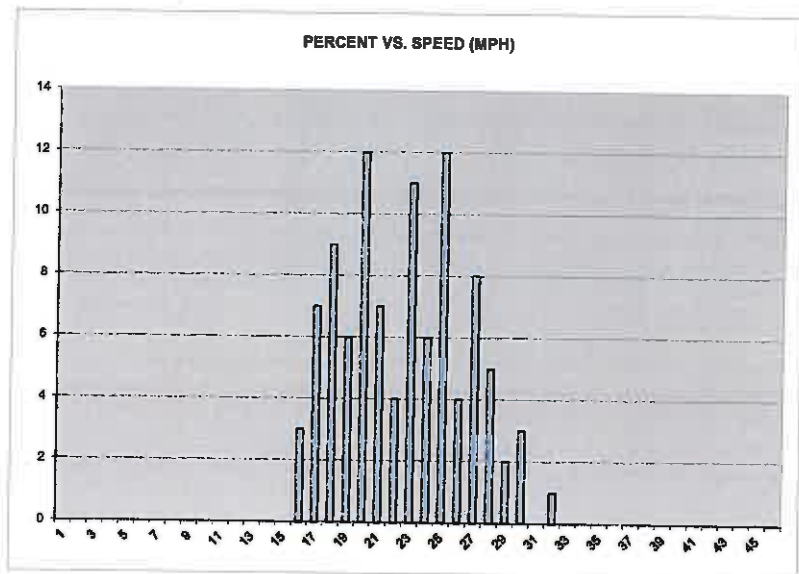
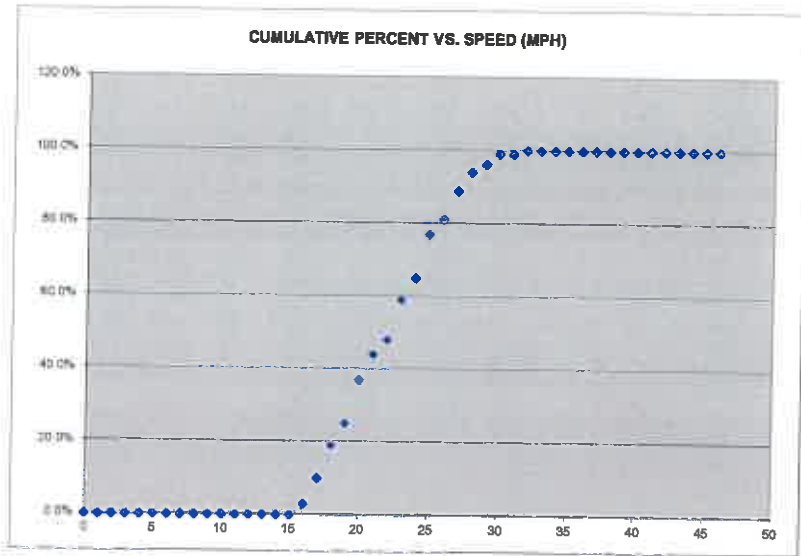
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

23	
27	
18	TO 27
79.0%	
11.0%	
10.0%	
16	TO 32
100	
22.6	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	3	3.0%	3.0%
17	7	7.0%	10.0%
18	9	9.0%	19.0%
19	6	6.0%	25.0%
20	12	12.0%	37.0%
21	7	7.0%	44.0%
22	4	4.0%	48.0%
23	11	11.0%	59.0%
24	6	6.0%	65.0%
25	12	12.0%	77.0%
26	4	4.0%	81.0%
27	8	8.0%	89.0%
28	5	5.0%	94.0%
29	2	2.0%	96.0%
30	3	3.0%	99.0%
31	0	0.0%	99.0%
32	1	1.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Delaware Ave.

Limits: Swift St. to Shaffer Rd.

City General Plan Roadway Classification: Arterial

Width: 60-feet

Critical Speed (85th percentile): 35 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 10 total, 8 injury (4 Bike)

Adjacent Land Use: Primarily Commercial/Industrial w Recreational (Natural Bridges State Park and Antonelli Pond). Also Long Marine Lab and De Anza Senior Park at the north end.

Speed reduction justification: Pedestrian and bicycle access to recreation and University areas bisect and occur along the segment. Large areas lack continuous sidewalk.

CA MUTCD 2B-13 and CVC 627 allow a 5 mph reduction for Pedestrian and bicyclist safety.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____

Christophe Schneider
Christophe Schneider

Date: 10/9/18

Title: City Engineer

Vehicle Speed Survey Sheet

DIRECTIONS

#17 DELAWARE (SWIFT- SHAFFER) EB &WB
8/5/2015
11:22 AM
30

DATE

TIME

POSTED SPEED LIMIT

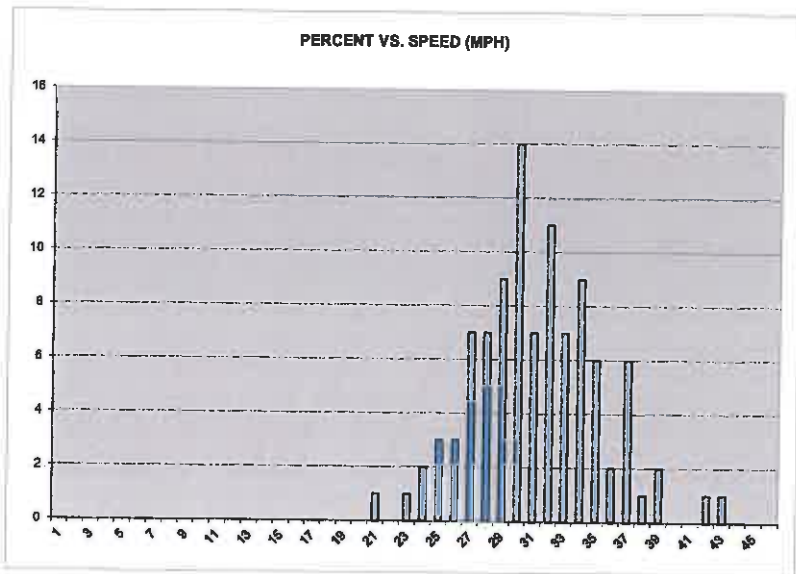
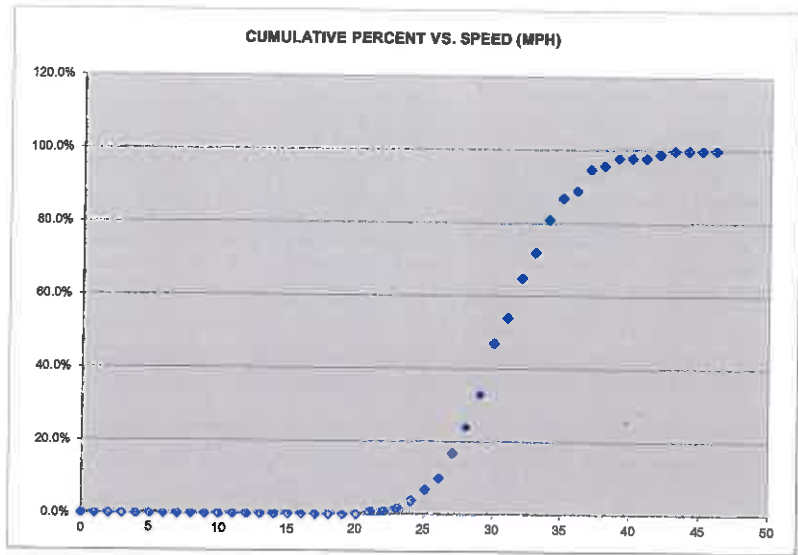
50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

31
35
26
80.0%
13.0%
7.0%
21
100
31.2

TO 35

TO 43

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	1	1.0%	1.0%
22	0	0.0%	1.0%
23	1	1.0%	2.0%
24	2	2.0%	4.0%
25	3	3.0%	7.0%
26	3	3.0%	10.0%
27	7	7.0%	17.0%
28	7	7.0%	24.0%
29	9	9.0%	33.0%
30	14	14.0%	47.0%
31	7	7.0%	54.0%
32	11	11.0%	65.0%
33	7	7.0%	72.0%
34	9	9.0%	81.0%
35	6	6.0%	87.0%
36	2	2.0%	89.0%
37	6	6.0%	95.0%
38	1	1.0%	96.0%
39	2	2.0%	98.0%
40	0	0.0%	98.0%
41	0	0.0%	98.0%
42	1	1.0%	99.0%
43	1	1.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Delaware Ave.

Limits: Swift St. to Woodrow Ave.

City General Plan Roadway Classification: Arterial

Width: Varies 40-58 feet

Critical Speed (85th percentile): 30 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 12 total, 7 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#18 DELAWARE (WOODROW-SWIFT) EB & WB
 DATE 9/1/2017
 TIME 9:01 AM
 POSTED SPEED LIMIT 25

DATE

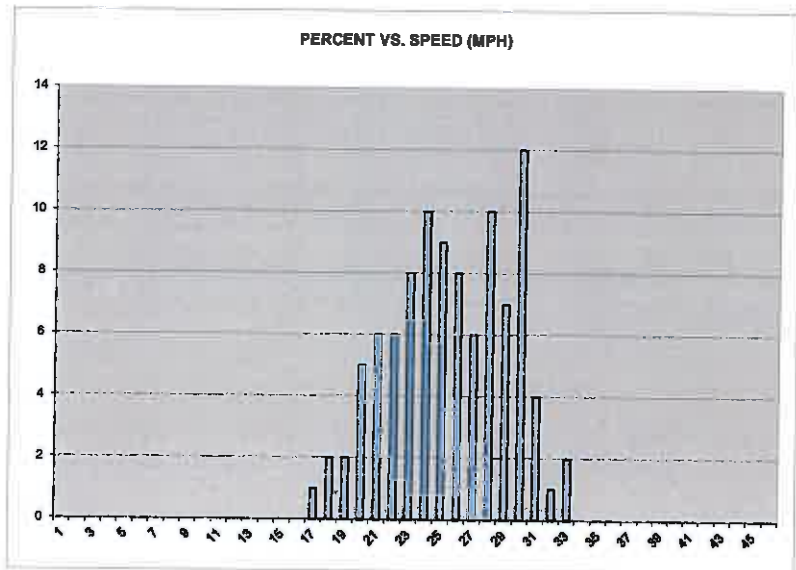
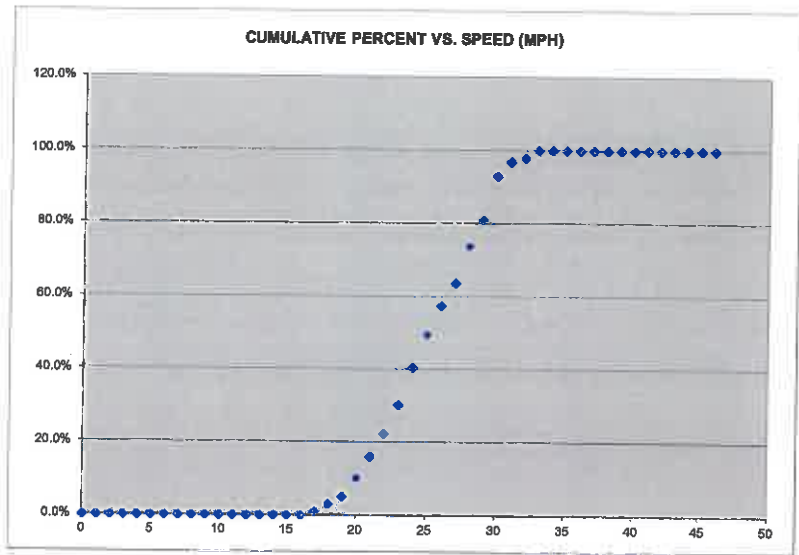
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

26
30
21
TO 30
82.8%
7.1%
10.1%
17
TO 33
99
25.6

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	1	1.0%	1.0%
18	2	2.0%	3.0%
19	2	2.0%	5.1%
20	5	5.1%	10.1%
21	6	6.1%	16.2%
22	6	6.1%	22.2%
23	8	8.1%	30.3%
24	10	10.1%	40.4%
25	9	9.1%	49.5%
26	8	8.1%	57.6%
27	6	6.1%	63.6%
28	10	10.1%	73.7%
29	7	7.1%	80.8%
30	12	12.1%	92.9%
31	4	4.0%	97.0%
32	1	1.0%	98.0%
33	2	2.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Delaware Ave, Laguna.

Limits: Woodrow Ave to Bay.

City General Plan Roadway Classification: Arterial

Width: Varies 36-58 feet

Critical Speed (85th percentile): 32 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 10 total, 5 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

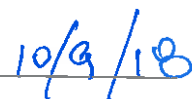
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

#19 DELAWARE -LAGUNA(
WOODROW-BAY) EB & WB
12/2/2016
11:00 AM
25

DATE

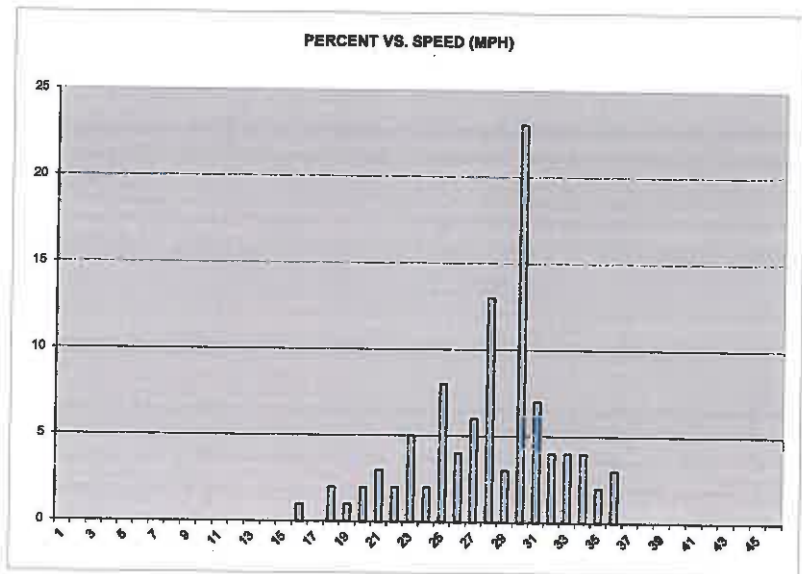
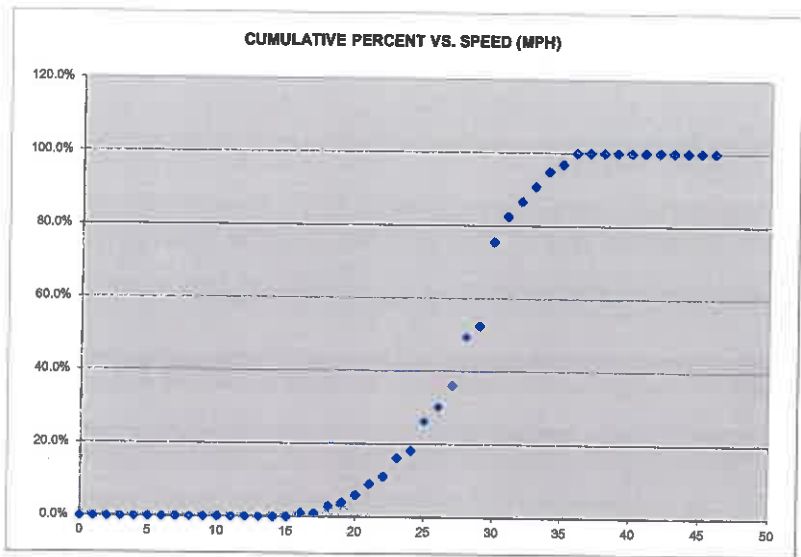
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

29	
32	
25	TO 34
76.8%	
5.1%	
18.2%	
16	TO 36
99	
28.1	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	1	1.0%	1.0%
17	0	0.0%	1.0%
18	2	2.0%	3.0%
19	1	1.0%	4.0%
20	2	2.0%	6.1%
21	3	3.0%	9.1%
22	2	2.0%	11.1%
23	5	5.1%	16.2%
24	2	2.0%	18.2%
25	8	8.1%	26.3%
26	4	4.0%	30.3%
27	6	6.1%	36.4%
28	13	13.1%	49.5%
29	3	3.0%	52.5%
30	23	23.2%	75.8%
31	7	7.1%	82.8%
32	4	4.0%	86.9%
33	4	4.0%	90.9%
34	4	4.0%	94.9%
35	2	2.0%	97.0%
36	3	3.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: East Cliff Dr/San Lorenzo Blvd.

Limits: Broadway to Alhambra.

City General Plan Roadway Classification: Collector

Width: 40 feet

Critical Speed (85th percentile): 27 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 42 total, 8 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schreiter

Date: 10/9/18

Title: City Engineer

Vehicle Speed Survey Sheet

DIRECTIONS

#114 EAST CLIFF / SAN LORENZO (BROADWAY-ALHAMBRA) NB & SB
 1/29/2018
 9:58 AM
 25

DATE

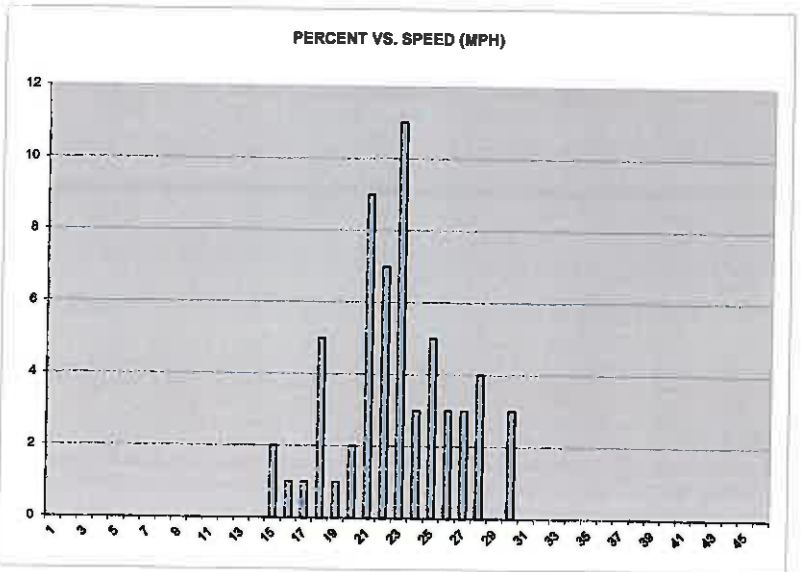
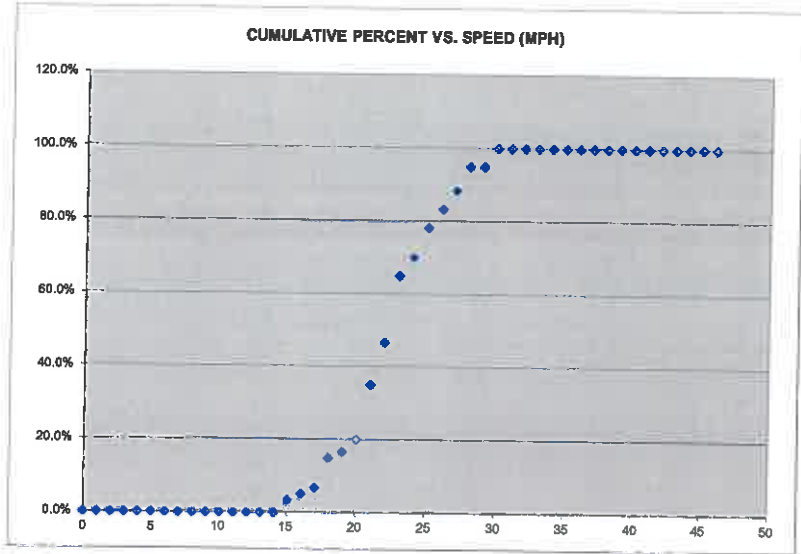
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

23	
27	
18	TO 27
81.7%	
11.7%	
6.7%	
15	TO 30
60	
22.8	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	2	3.3%	3.3%
16	1	1.7%	5.0%
17	1	1.7%	6.7%
18	5	8.3%	15.0%
19	1	1.7%	16.7%
20	2	3.3%	20.0%
21	9	15.0%	35.0%
22	7	11.7%	46.7%
23	11	18.3%	65.0%
24	3	5.0%	70.0%
25	5	8.3%	78.3%
26	3	5.0%	83.3%
27	3	5.0%	88.3%
28	4	6.7%	95.0%
29	0	0.0%	95.0%
30	3	5.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Elk St.

Limits: Goss Ave. to Rooney St.

City General Plan Roadway Classification: Collector

Width: 23 feet

Critical Speed (85th percentile): 22 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 1 total, 0 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: None required.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____

Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#115 ELK ST. (GOSS-ROONEY)

NB & SB

DATE

10/18/2017

TIME

10:07 AM

POSTED SPEED LIMIT

25

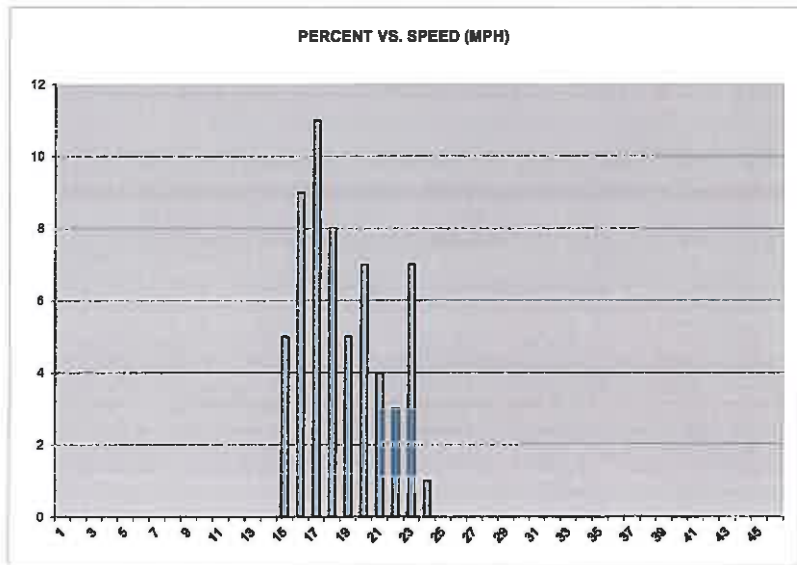
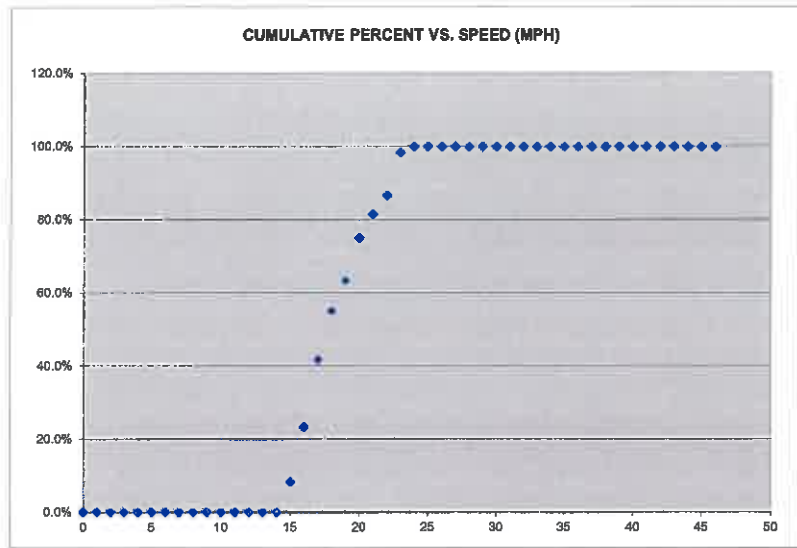
50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

18
22
15
100.0%
0.0%
0.0%
15
60
18.7

TO 24

TO 24

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	5	8.3%	8.3%
16	9	15.0%	23.3%
17	11	18.3%	41.7%
18	8	13.3%	55.0%
19	5	8.3%	63.3%
20	7	11.7%	75.0%
21	4	6.7%	81.7%
22	3	5.0%	86.7%
23	7	11.7%	98.3%
24	1	1.7%	100.0%
25	0	0.0%	100.0%
26	0	0.0%	100.0%
27	0	0.0%	100.0%
28	0	0.0%	100.0%
29	0	0.0%	100.0%
30	0	0.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Emeline Ave.

Limits: Sutphen to Grant St.

City General Plan Roadway Classification: Collector

Width: 35 feet

Critical Speed (85th percentile): 31 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 13 total, 2 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneiter

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

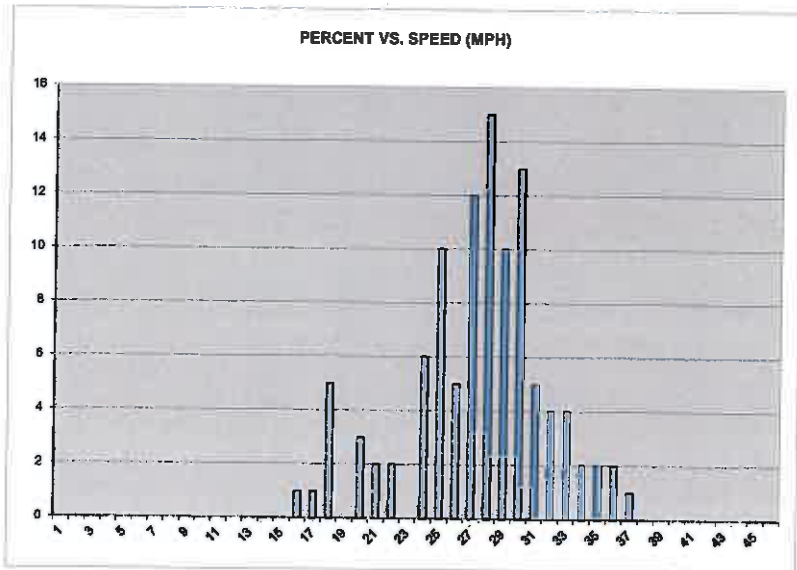
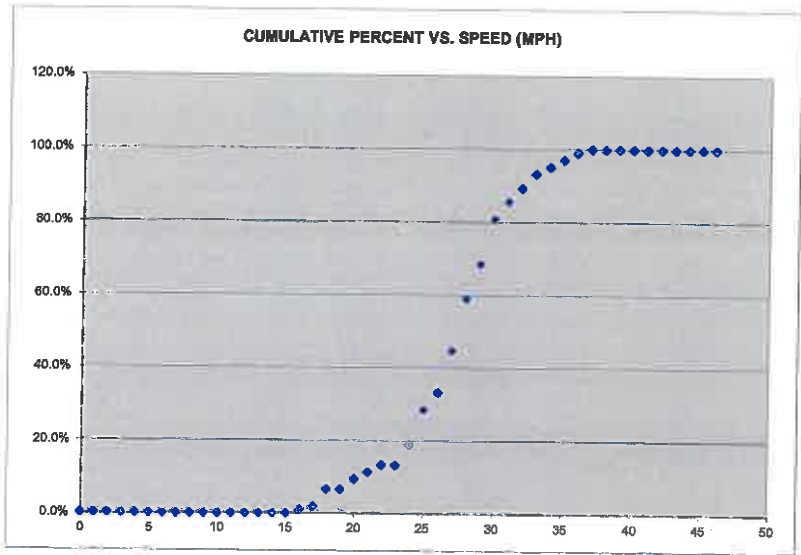
#20 EMELINE (SUTPHEN-GRANT) NB & SB
 DATE 3/28/2016
 TIME 2:05 PM
 POSTED SPEED LIMIT (no sign) 25

DATE 3/28/2016
 TIME 2:05 PM
 POSTED SPEED LIMIT (no sign) 25

50TH PERCENTILE SPEED 28
 85TH PERCENTILE SPEED 31
 10 MPH PACE SPEED 24 TO 33
 PERCENT IN PACE SPEED 80.0%
 PERCENT OVER PACE SPEED 6.7%
 PERCENT UNDER PACE SPEED 13.3%
 RANGE OF SPEEDS 16 TO 37
 VEHICLES OBSERVED 105
 AVERAGE SPEED 27.4

28
31
24
80.0%
6.7%
13.3%
16
37
105
27.4

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	1	1.0%	1.0%
17	1	1.0%	1.9%
18	5	4.8%	6.7%
19	0	0.0%	6.7%
20	3	2.9%	9.5%
21	2	1.9%	11.4%
22	2	1.9%	13.3%
23	0	0.0%	13.3%
24	6	5.7%	19.0%
25	10	9.5%	28.6%
26	5	4.8%	33.3%
27	12	11.4%	44.8%
28	15	14.3%	59.0%
29	10	9.5%	68.6%
30	13	12.4%	81.0%
31	5	4.8%	85.7%
32	4	3.8%	89.5%
33	4	3.8%	93.3%
34	2	1.9%	95.2%
35	2	1.9%	97.1%
36	2	1.9%	99.0%
37	1	1.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Encinal St.

Limits: River St. to Dubois St.

City General Plan Roadway Classification: Collector

Width: 44-feet

Critical Speed (85th percentile): 28 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 14 total, 9 injury

Adjacent Land Use: Commercial/business District

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#21 ENCINAL (RIVER-DUBOIS)
EB & WB
10/6/2016
8:55 AM
25

DATE

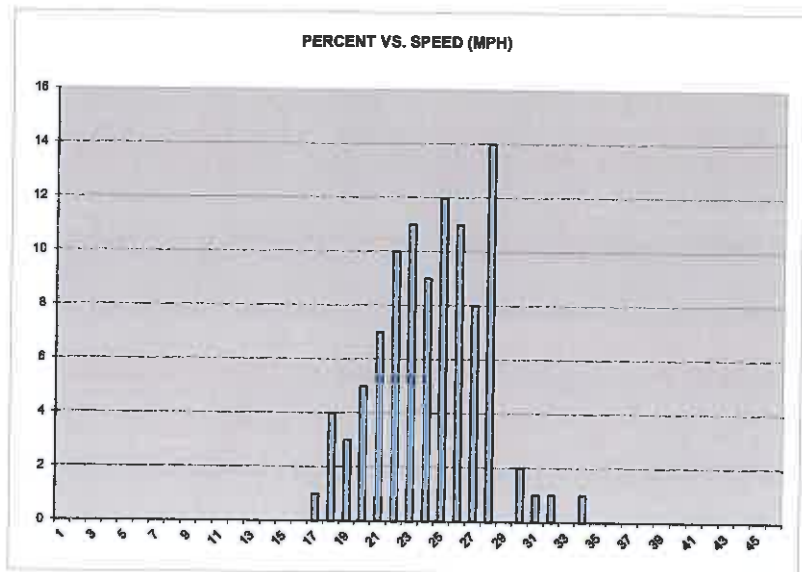
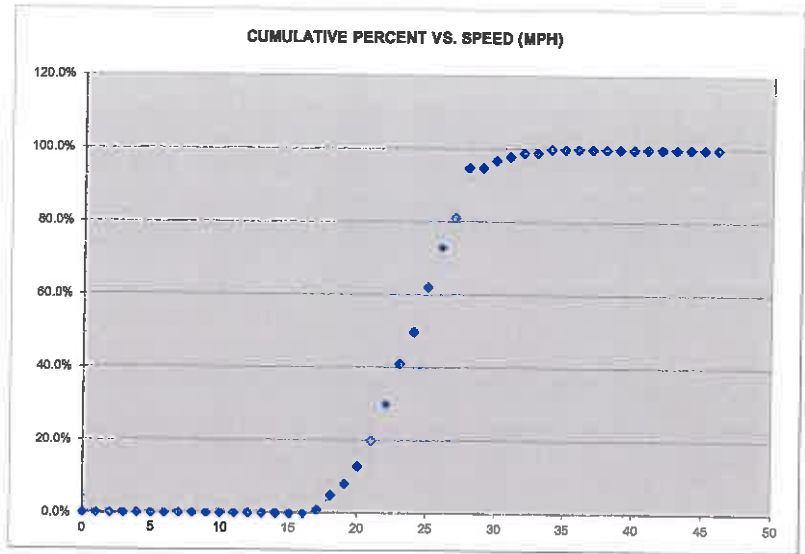
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

25	
28	
19	TO 28
90.0%	
5.0%	
5.0%	
17	TO 34
100	
24.3	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	1	1.0%	1.0%
18	4	4.0%	5.0%
19	3	3.0%	8.0%
20	5	5.0%	13.0%
21	7	7.0%	20.0%
22	10	10.0%	30.0%
23	11	11.0%	41.0%
24	9	9.0%	50.0%
25	12	12.0%	62.0%
26	11	11.0%	73.0%
27	8	8.0%	81.0%
28	14	14.0%	95.0%
29	0	0.0%	95.0%
30	2	2.0%	97.0%
31	1	1.0%	98.0%
32	1	1.0%	99.0%
33	0	0.0%	99.0%
34	1	1.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Escalona Dr.

Limits: Grandview to Highland.

City General Plan Roadway Classification: Collector

Width: Varies 32 – 44 feet

Critical Speed (85th percentile): 28 mph

Unusual Conditions/Allowable Considerations per CVC:


Reported Collisions: 2013 through 2017, 14 total, 7 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#76 ESCALONA (GRANDVIEW-HIGHLAND) EB & WB
 10/17/2016
 3:42 AM
 25

DATE

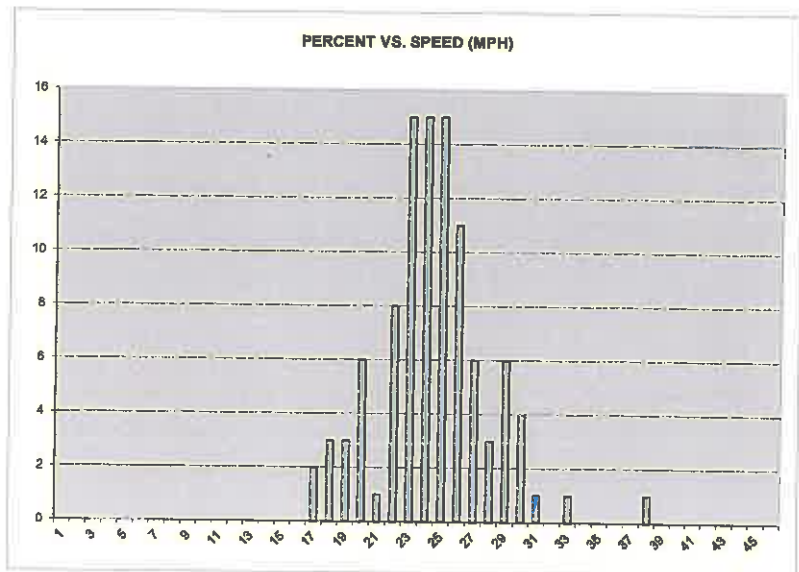
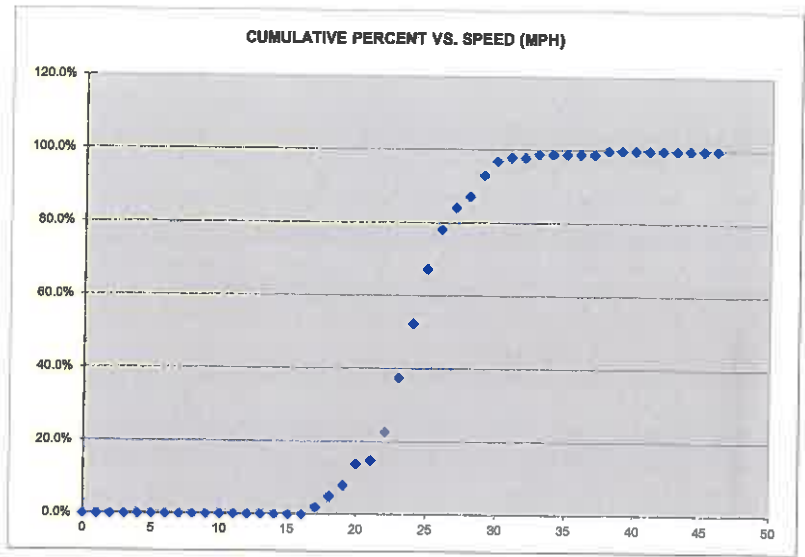
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

24
28
20
TO 29
85.1%
6.9%
7.9%
17
TO 38
101
24.5

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	2	2.0%	2.0%
18	3	3.0%	5.0%
19	3	3.0%	7.9%
20	6	5.9%	13.9%
21	1	1.0%	14.9%
22	8	7.9%	22.8%
23	15	14.9%	37.6%
24	15	14.9%	52.5%
25	15	14.9%	67.3%
26	11	10.9%	78.2%
27	6	5.9%	84.2%
28	3	3.0%	87.1%
29	6	5.9%	93.1%
30	4	4.0%	97.0%
31	1	1.0%	98.0%
32	0	0.0%	98.0%
33	1	1.0%	99.0%
34	0	0.0%	99.0%
35	0	0.0%	99.0%
36	0	0.0%	99.0%
37	0	0.0%	99.0%
38	1	1.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Fair Ave.

Limits: Delaware Ave. to West Cliff

City General Plan Roadway Classification: Collector

Width: 42-feet

Critical Speed (85th percentile): 30 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 4 total, 4 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

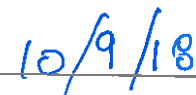
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schmeiter

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

#22 FAIR (DELAWARE-WEST CLIFF) NB & SB
6/24/2016
10:42 AM
25

DATE

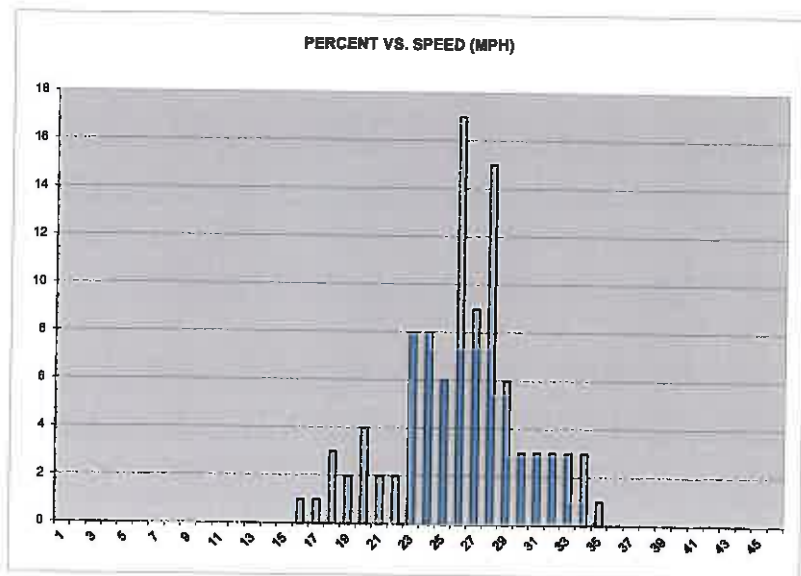
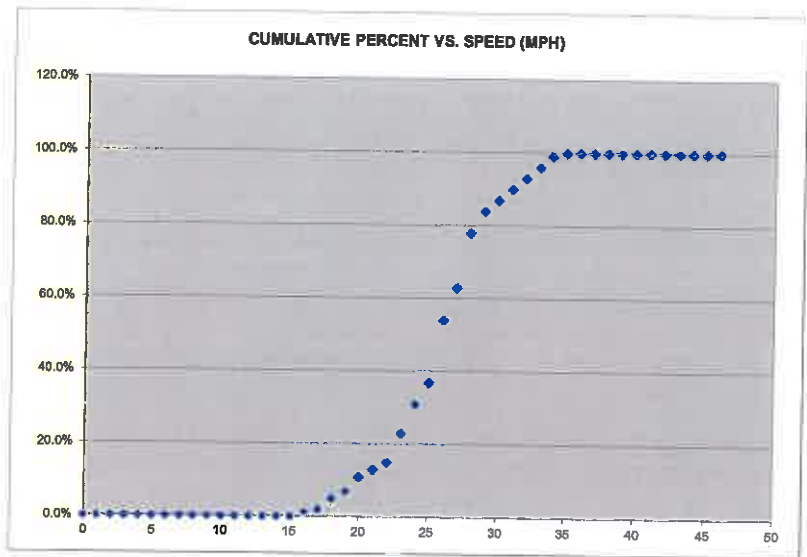
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

26	
30	
23	TO 32
78.0%	
7.0%	
15.0%	
16	TO 35
100	
26.1	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	1	1.0%	1.0%
17	1	1.0%	2.0%
18	3	3.0%	5.0%
19	2	2.0%	7.0%
20	4	4.0%	11.0%
21	2	2.0%	13.0%
22	2	2.0%	15.0%
23	8	8.0%	23.0%
24	8	8.0%	31.0%
25	6	6.0%	37.0%
26	17	17.0%	54.0%
27	9	9.0%	63.0%
28	15	15.0%	78.0%
29	6	6.0%	84.0%
30	3	3.0%	87.0%
31	3	3.0%	90.0%
32	3	3.0%	93.0%
33	3	3.0%	96.0%
34	3	3.0%	99.0%
35	1	1.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Fair Ave.

Limits: Delaware Ave to Mission St.

City General Plan Roadway Classification: Collector

Width: 44-feet

Critical Speed (85th percentile): 32 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 11 total, 6 injury

Adjacent Land Use: Residential /Commercial

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential/business structure density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____

Christophe Schreiter

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#23 FAIR (DELAWARE-
MISSION) NB & SB
7/7/2016
2:30 PM
25

DATE

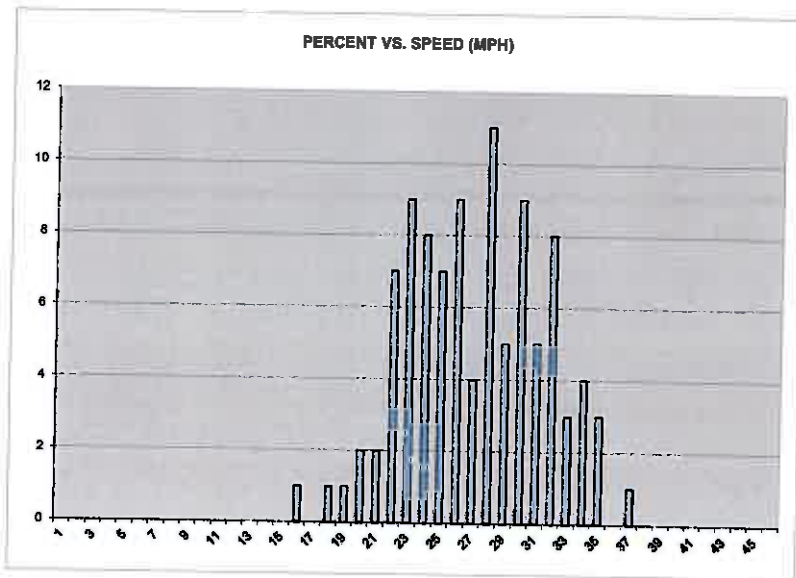
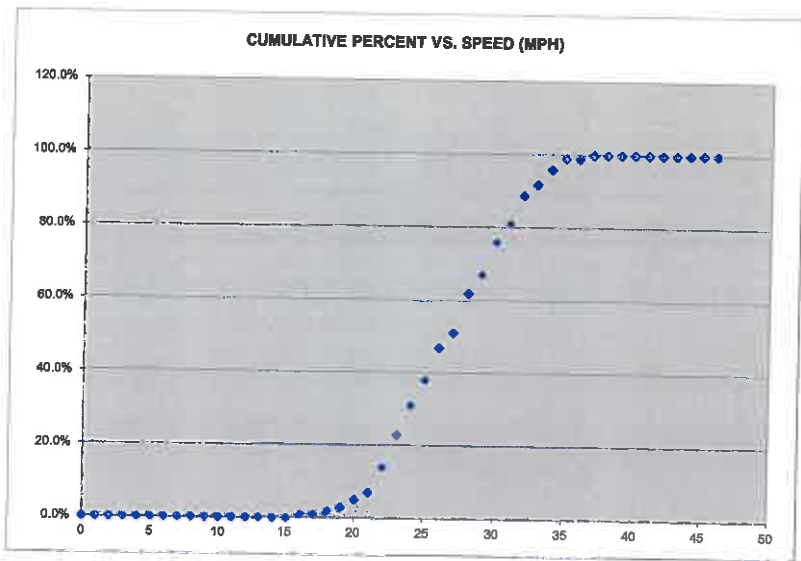
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

27	
32	
23	TO 32
75.0%	
11.0%	
14.0%	
16	TO 37
100	
27.2	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	1	1.0%	1.0%
17	0	0.0%	1.0%
18	1	1.0%	2.0%
19	1	1.0%	3.0%
20	2	2.0%	5.0%
21	2	2.0%	7.0%
22	7	7.0%	14.0%
23	9	9.0%	23.0%
24	8	8.0%	31.0%
25	7	7.0%	38.0%
26	9	9.0%	47.0%
27	4	4.0%	51.0%
28	11	11.0%	62.0%
29	5	5.0%	67.0%
30	9	9.0%	76.0%
31	5	5.0%	81.0%
32	8	8.0%	89.0%
33	3	3.0%	92.0%
34	4	4.0%	96.0%
35	3	3.0%	99.0%
36	0	0.0%	99.0%
37	1	1.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Fairmount Ave.

Limits: N Branciforte to Rout 1 Ramp.

City General Plan Roadway Classification: Collector

Width: 35-feet

Critical Speed (85th percentile): 29 mph

Unusual Conditions/Allowable Considerations per CVC:

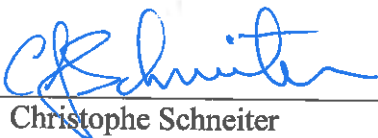
Reported Collisions: 2010 through 2015, 3 total, 1 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

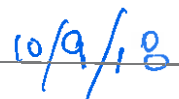
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

#24 FAIRMOUNT (N.
BRANCIFORTE-RTE 1 RAMP)
EB & WB

DATE

4/25/2016

TIME

11:15 AM

POSTED SPEED LIMIT

25

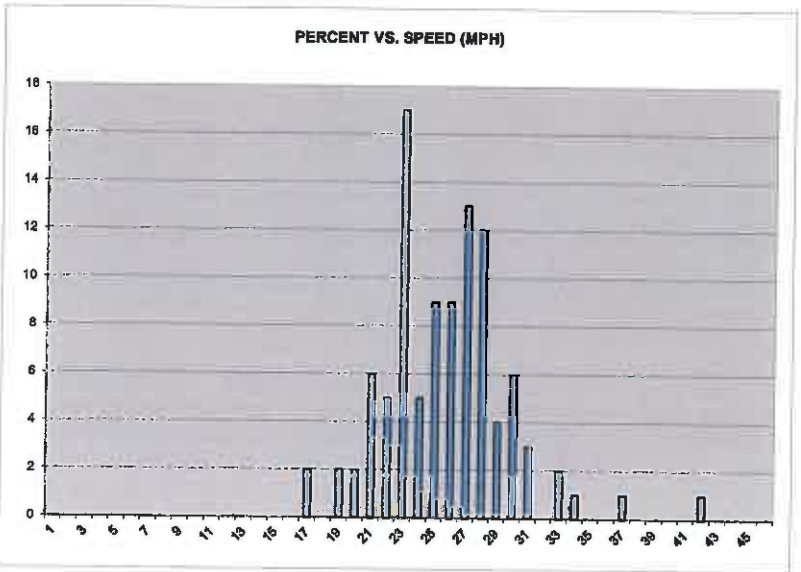
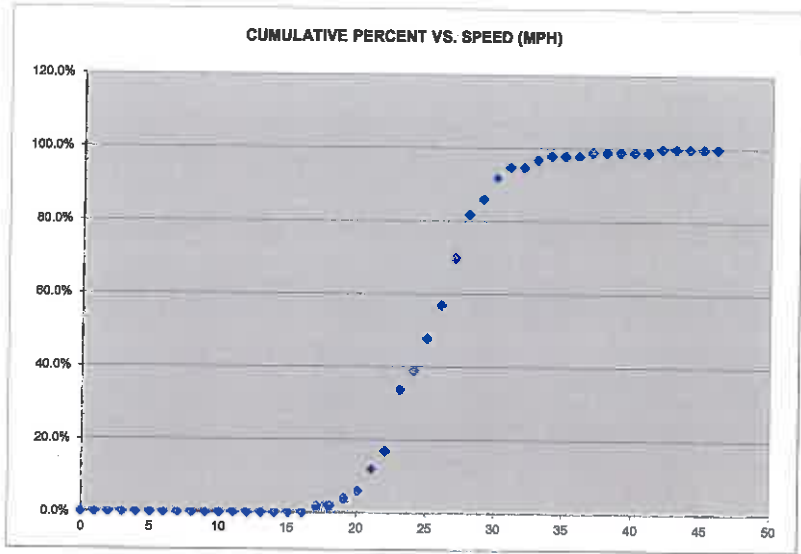
50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

26
29
21
86.0%
8.0%
6.0%
17
100
25.7

TO

TO

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	2	2.0%	2.0%
18	0	0.0%	2.0%
19	2	2.0%	4.0%
20	2	2.0%	6.0%
21	6	6.0%	12.0%
22	5	5.0%	17.0%
23	17	17.0%	34.0%
24	5	5.0%	39.0%
25	9	9.0%	48.0%
26	9	9.0%	57.0%
27	13	13.0%	70.0%
28	12	12.0%	82.0%
29	4	4.0%	86.0%
30	6	6.0%	92.0%
31	3	3.0%	95.0%
32	0	0.0%	95.0%
33	2	2.0%	97.0%
34	1	1.0%	98.0%
35	0	0.0%	98.0%
36	0	0.0%	98.0%
37	1	1.0%	99.0%
38	0	0.0%	99.0%
39	0	0.0%	99.0%
40	0	0.0%	99.0%
41	0	0.0%	99.0%
42	1	1.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Frederick St.

Limits: Broadway & south end.

City General Plan Roadway Classification: Collector to Windham, Local to S.

Width: 35-feet

Critical Speed (85th percentile): 27 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 2 total, 1 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

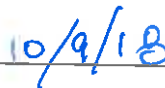
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schreiter

Title: City Engineer

Date: _____


10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#25 FREDERICK (BROADWAY-
SOUTH END) NB & SB
4/25/2016
10:06 AM
25

DATE

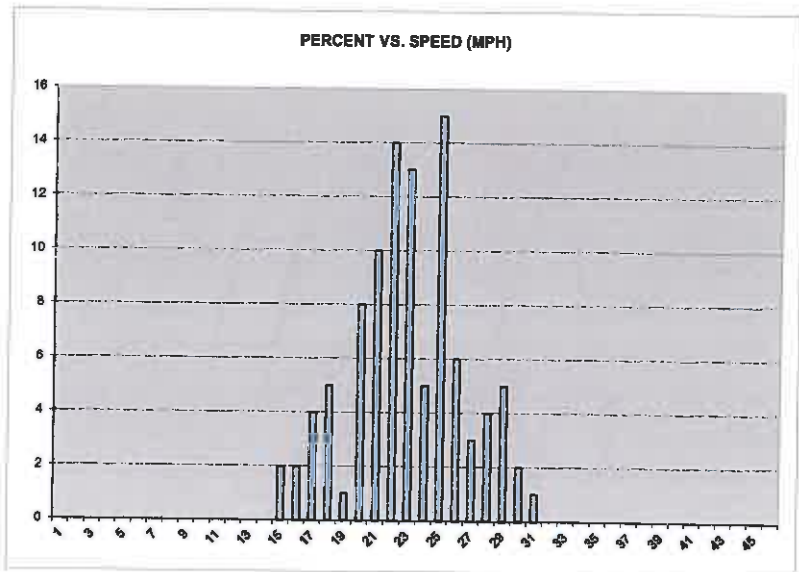
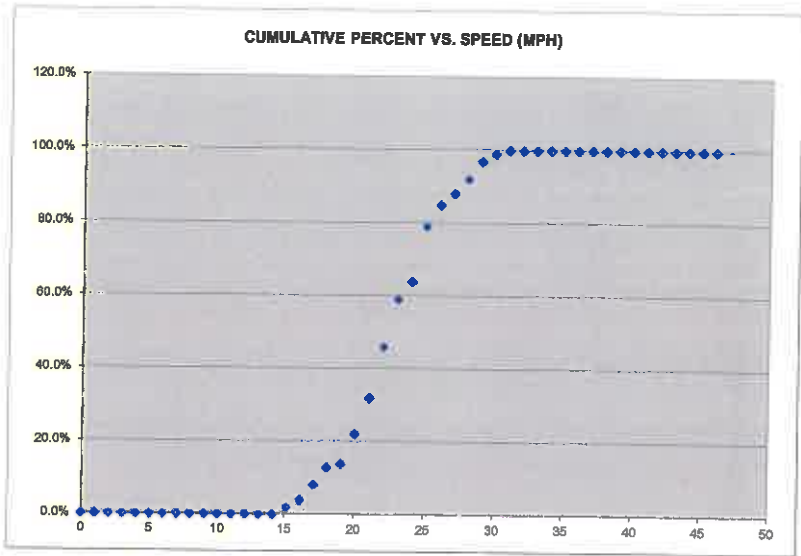
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

23	
27	
20	TO 29
83.0%	
3.0%	
14.0%	
15	TO 31
100	
23.0	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	2	2.0%	2.0%
16	2	2.0%	4.0%
17	4	4.0%	8.0%
18	5	5.0%	13.0%
19	1	1.0%	14.0%
20	8	8.0%	22.0%
21	10	10.0%	32.0%
22	14	14.0%	46.0%
23	13	13.0%	59.0%
24	5	5.0%	64.0%
25	15	15.0%	79.0%
26	6	6.0%	85.0%
27	3	3.0%	88.0%
28	4	4.0%	92.0%
29	5	5.0%	97.0%
30	2	2.0%	99.0%
31	1	1.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Frederick St.

Limits: Broadway & Soquel Ave.

City General Plan Roadway Classification: Collector

Width: 38-feet

Critical Speed (85th percentile): 30 mph


Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 13 total, 9 injury

Adjacent Land Use: Residential with Senior Center and Medical Facility

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential/business structure density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#26 FREDERICK (BROADWAY-
SOQUEL) NB & SB
11/16/2015
11:50 AM
25

DATE

TIME

POSTED SPEED LIMIT

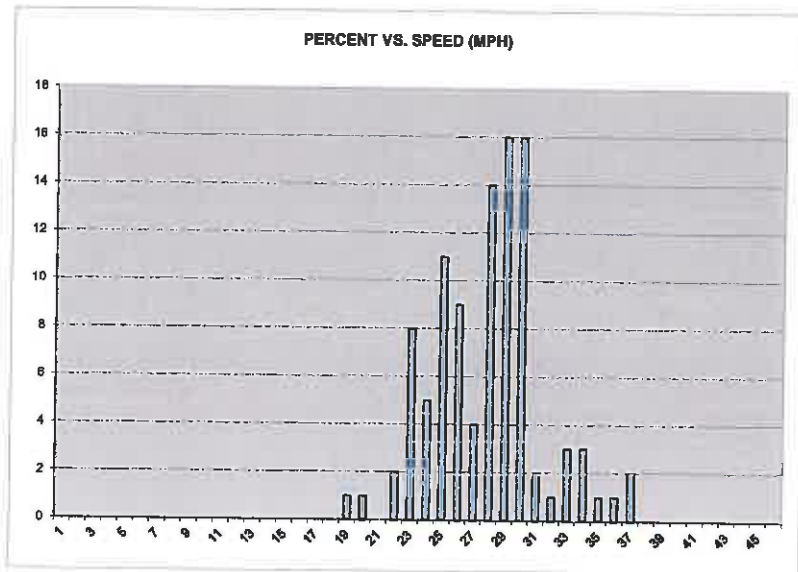
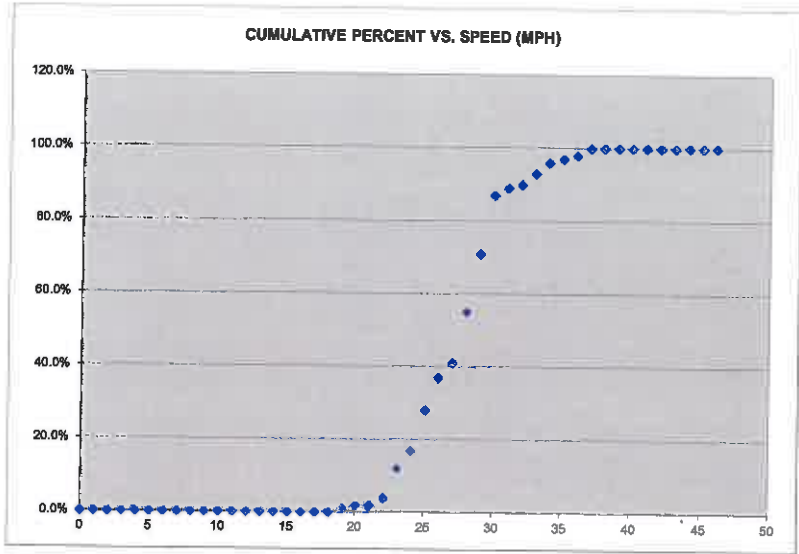
50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

28
30
22
87.0%
11.0%
2.0%
19
100
27.8

TO 31

TO 37

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	1	1.0%	1.0%
20	1	1.0%	2.0%
21	0	0.0%	2.0%
22	2	2.0%	4.0%
23	8	8.0%	12.0%
24	5	5.0%	17.0%
25	11	11.0%	28.0%
26	9	9.0%	37.0%
27	4	4.0%	41.0%
28	14	14.0%	55.0%
29	16	16.0%	71.0%
30	16	16.0%	87.0%
31	2	2.0%	89.0%
32	1	1.0%	90.0%
33	3	3.0%	93.0%
34	3	3.0%	96.0%
35	1	1.0%	97.0%
36	1	1.0%	98.0%
37	2	2.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Front St.

Limits: Pacific Ave. & Mission St.

City General Plan Roadway Classification: Arterial

Width: 49-feet

Critical Speed (85th percentile): 25 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 83 total, 21 injury, 1 fatal

Adjacent Land Use: Commercial, Mixed-use

Speed reduction justification: None required.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#120 FRONT ST. (PACIFIC-
MISSION) NB & SB
10/25/2017
10:49 AM
25

DATE

TIME

POSTED SPEED LIMIT

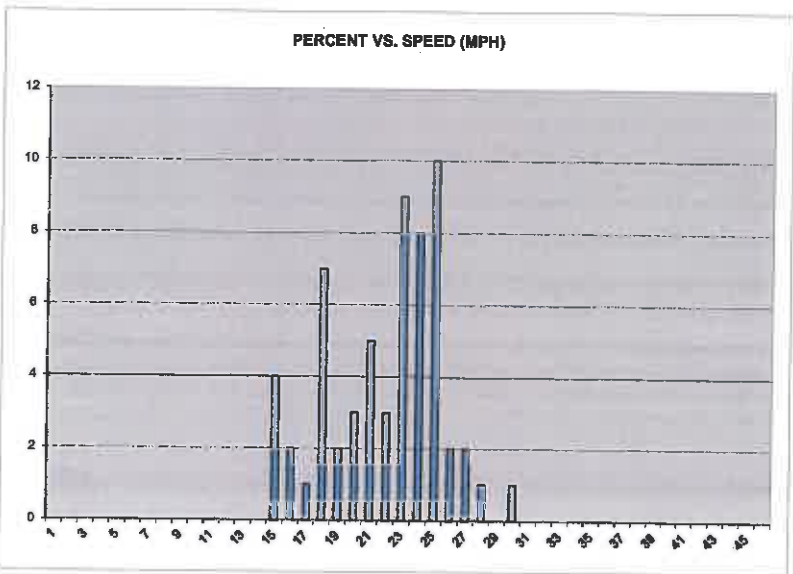
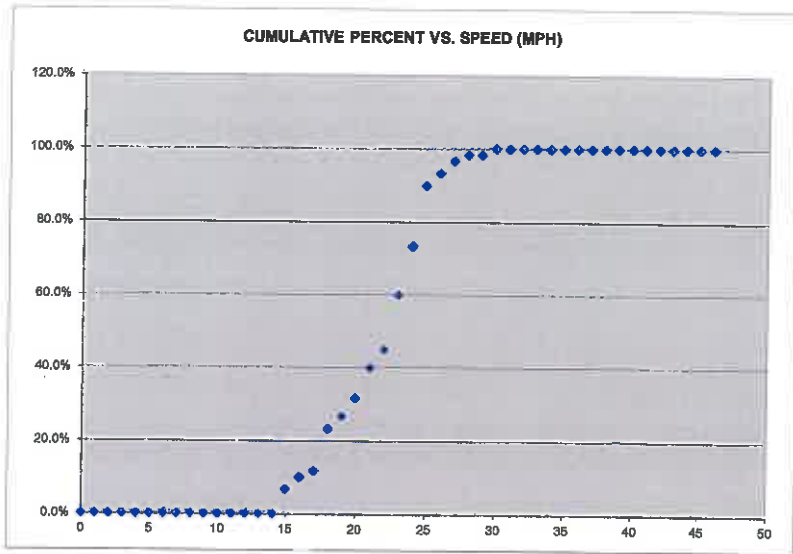
50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

23
25
18
85.0%
3.3%
11.7%
15
60
22.0

TO 27

TO 30

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	4	6.7%	6.7%
16	2	3.3%	10.0%
17	1	1.7%	11.7%
18	7	11.7%	23.3%
19	2	3.3%	26.7%
20	3	5.0%	31.7%
21	5	8.3%	40.0%
22	3	5.0%	45.0%
23	9	15.0%	60.0%
24	8	13.3%	73.3%
25	10	16.7%	90.0%
26	2	3.3%	93.3%
27	2	3.3%	96.7%
28	1	1.7%	98.3%
29	0	0.0%	98.3%
30	1	1.7%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Goss Ave.

Limits: N Branciforte Ave & Elk St.

City General Plan Roadway Classification: Collector

Width: 35-feet

Critical Speed (85th percentile): 22 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 1 total, 0 injury

Adjacent Land Use: Residential

Speed reduction justification: None required

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#122 GOSS AV. (ELK-N.
BRANCIFORTE) EB & WB
10/18/2017
11:30 AM
25

DATE

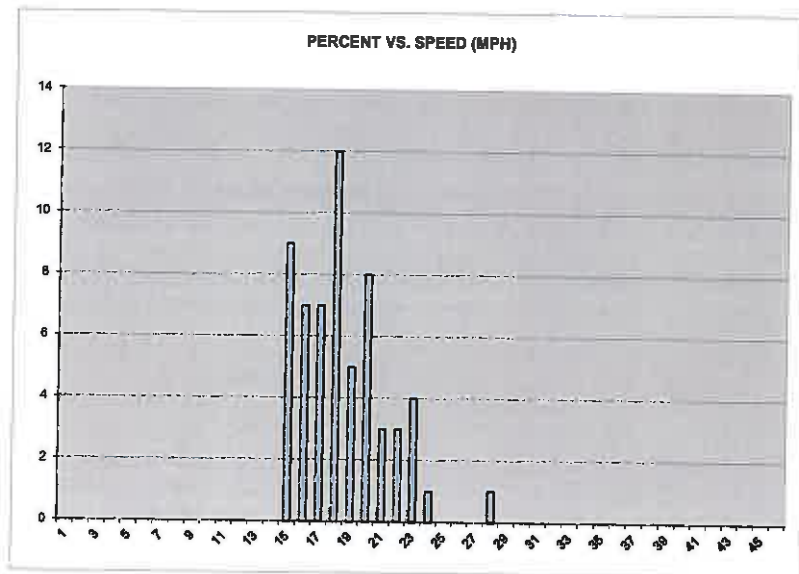
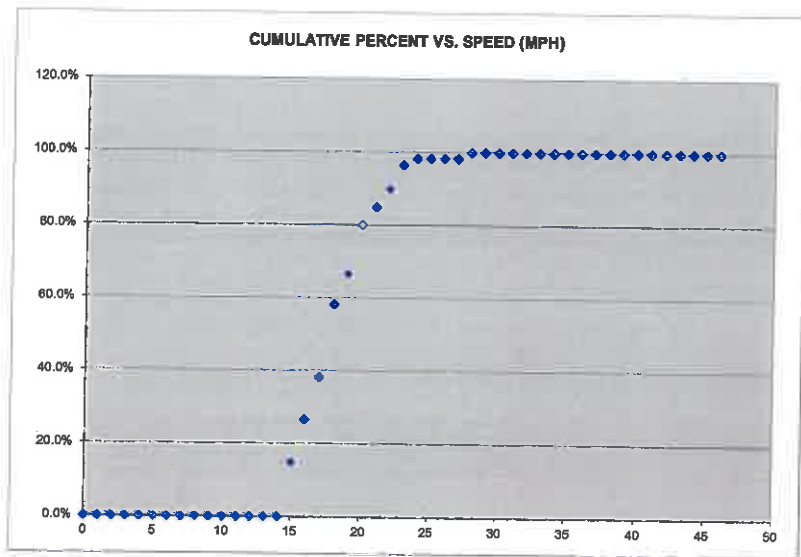
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

18
22
15
98.3%
1.7%
0.0%
15
28
60
18.5

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	9	15.0%	15.0%
16	7	11.7%	26.7%
17	7	11.7%	38.3%
18	12	20.0%	58.3%
19	5	8.3%	66.7%
20	8	13.3%	80.0%
21	3	5.0%	85.0%
22	3	5.0%	90.0%
23	4	6.7%	96.7%
24	1	1.7%	98.3%
25	0	0.0%	98.3%
26	0	0.0%	98.3%
27	0	0.0%	98.3%
28	1	1.7%	100.0%
29	0	0.0%	100.0%
30	0	0.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Graham Hill Road

Limits: Ocean St. & Graham Hill Rd at City Limit

City General Plan Roadway Classification: Arterial

Width: Varies 28 to 35-feet

Critical Speed (85th percentile): 36 mph

Unusual Conditions/Allowable Considerations per CVC:

Short street segments were combined due to the individual sections acting as a continuous roadway and to satisfy CA MUTCD 2B-13 Engineering and Traffic Survey, Item I, regarding short speed zones.

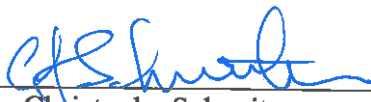
Reported Collisions: 2010 through 2015, 11 total, 3 injury

Adjacent Land Use: Residential, Public Facilities, Public/Admin Offices

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement and pedestrian and bicyclist safety of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Date: _____

10/9/18

Title: City Engineer

Vehicle Speed Survey Sheet

DIRECTIONS

#27 GRAHAM HILL (OCEAN-CITY LIMIT) NB & SB
4/21/2016
1:55 AM
30

DATE

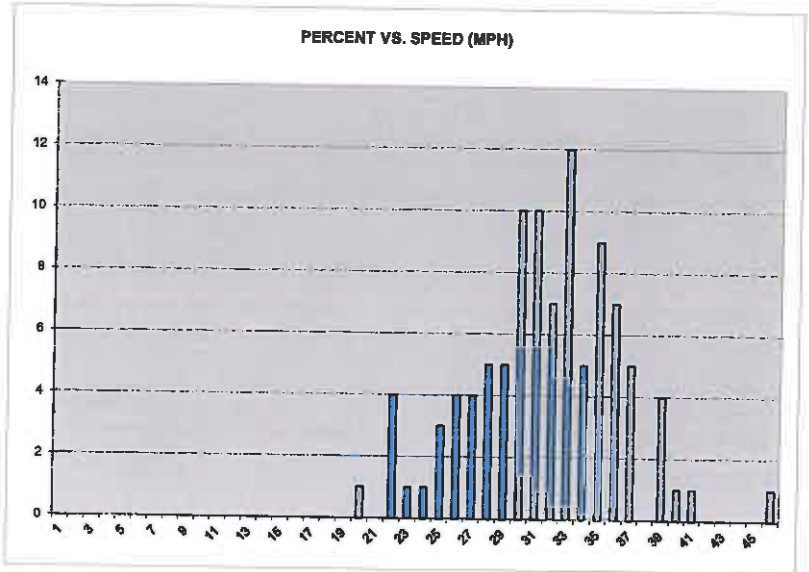
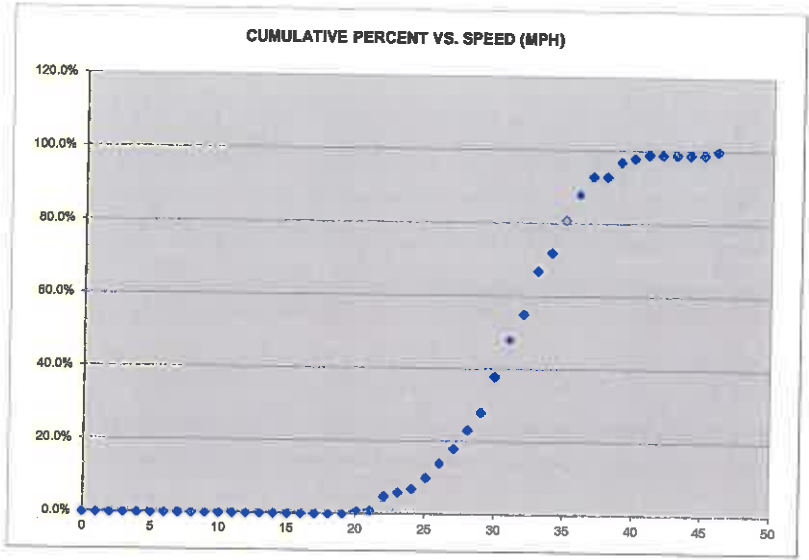
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

32	
36	
28	TO 37
75.0%	
7.0%	
18.0%	
20	TO 46
100	
31.6	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	1	1.0%	1.0%
21	0	0.0%	1.0%
22	4	4.0%	5.0%
23	1	1.0%	6.0%
24	1	1.0%	7.0%
25	3	3.0%	10.0%
26	4	4.0%	14.0%
27	4	4.0%	18.0%
28	5	5.0%	23.0%
29	5	5.0%	28.0%
30	10	10.0%	38.0%
31	10	10.0%	48.0%
32	7	7.0%	55.0%
33	12	12.0%	67.0%
34	5	5.0%	72.0%
35	9	9.0%	81.0%
36	7	7.0%	88.0%
37	5	5.0%	93.0%
38	0	0.0%	93.0%
39	4	4.0%	97.0%
40	1	1.0%	98.0%
41	1	1.0%	99.0%
42	0	0.0%	99.0%
43	0	0.0%	99.0%
44	0	0.0%	99.0%
45	0	0.0%	99.0%
46	1	1.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Grandview St.

Limits: Arroyo Seco & Swift St.

City General Plan Roadway Classification: Collector

Width: 40-feet

Critical Speed (85th percentile): 24 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 1 total, 0 injury

Adjacent Land Use: Residential

Speed reduction justification: None required

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____

Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#123 GRANDVIEW ST.
(ARROYO SECO-SWIFT) EB &
WB
10/27/2017
9:48 AM
25

DATE

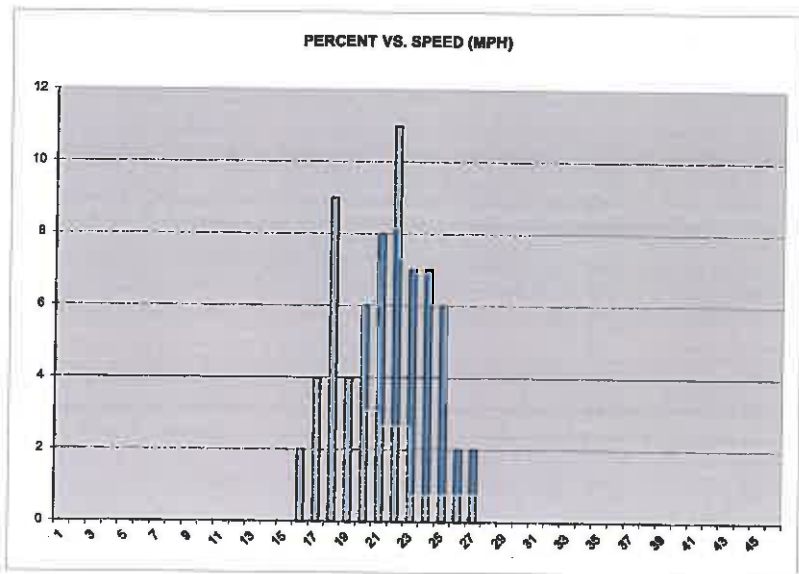
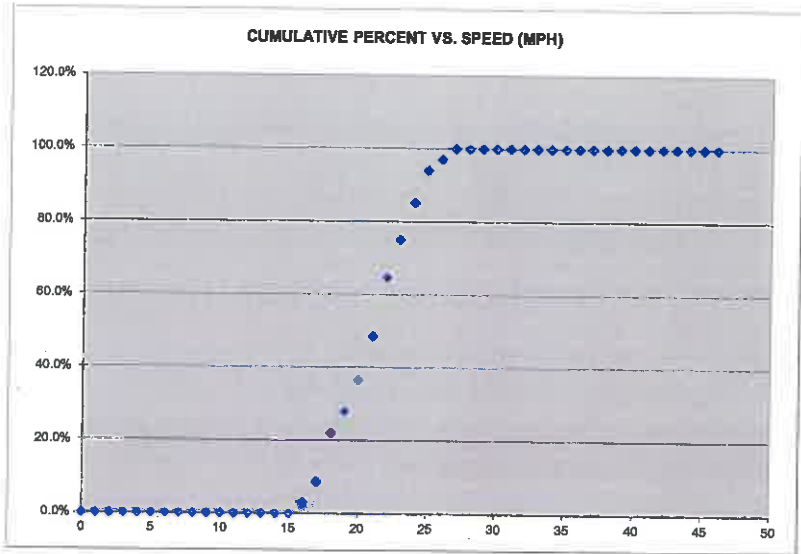
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

22	
24	
16	TO 25
94.1%	
5.9%	
0.0%	
16	TO 27
68	
21.4	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	2	2.9%	2.9%
17	4	5.9%	8.8%
18	9	13.2%	22.1%
19	4	5.9%	27.9%
20	6	8.8%	36.8%
21	8	11.8%	48.5%
22	11	16.2%	64.7%
23	7	10.3%	75.0%
24	7	10.3%	85.3%
25	6	8.8%	94.1%
26	2	2.9%	97.1%
27	2	2.9%	100.0%
28	0	0.0%	100.0%
29	0	0.0%	100.0%
30	0	0.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Grant St.

Limits: Plymouth St & Market St.

City General Plan Roadway Classification: Collector

Width: 38-feet

Critical Speed (85th percentile): 30 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 12 total, 5 injury

Adjacent Land Use: Residential, Public Park

Speed reduction justification: CA MUTCD 2B-13 1) segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#28 GRANT (PLYMOUTH-
MARKET) EB & WB
12/18/2015
11:25 AM
25

DATE

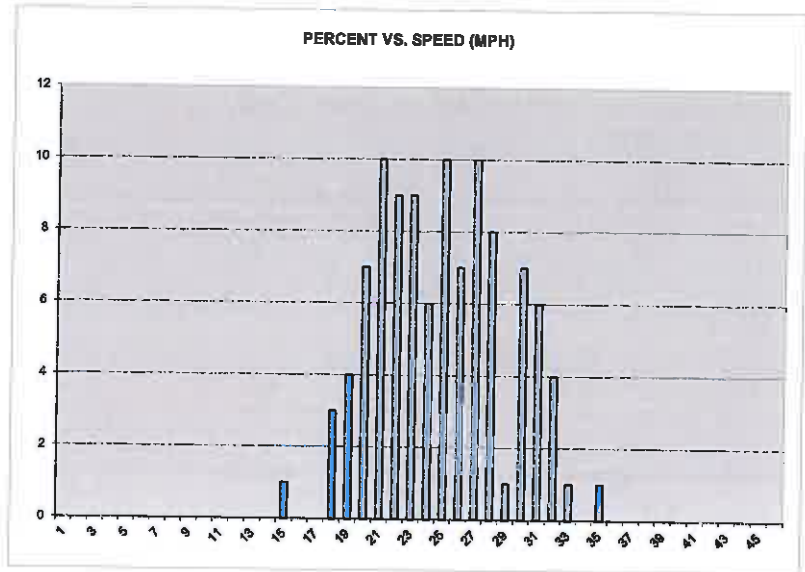
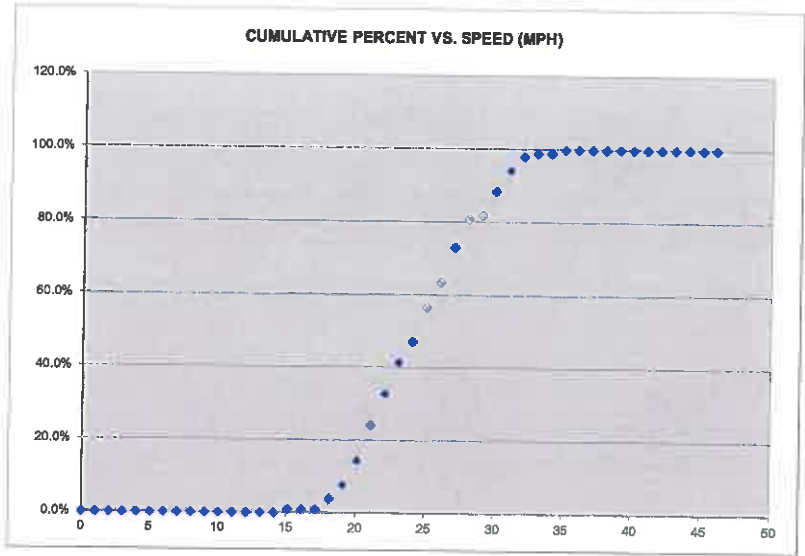
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

25	TO	28
30		
19		
76.9%		
19.2%		
3.8%		
15	TO	35
104		
24.9		

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	1	1.0%	1.0%
16	0	0.0%	1.0%
17	0	0.0%	1.0%
18	3	2.9%	3.8%
19	4	3.8%	7.7%
20	7	6.7%	14.4%
21	10	9.6%	24.0%
22	9	8.7%	32.7%
23	9	8.7%	41.3%
24	6	5.8%	47.1%
25	10	9.6%	56.7%
26	7	6.7%	63.5%
27	10	9.6%	73.1%
28	8	7.7%	80.8%
29	1	1.0%	81.7%
30	7	6.7%	88.5%
31	6	5.8%	94.2%
32	4	3.8%	98.1%
33	1	1.0%	99.0%
34	0	0.0%	99.0%
35	1	1.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: High St.

Limits: Bay Drive & City Limit.

City General Plan Roadway Classification: Arterial

Width: 40-feet

Critical Speed (85th percentile): 36 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 7 total, 6 injury

Adjacent Land Use: Residential, University

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

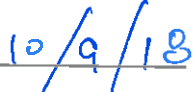
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

#29 HIGH (BAY-CITY LIMIT)
EB/WB
8/6/2015
1:34 PM
30

DATE

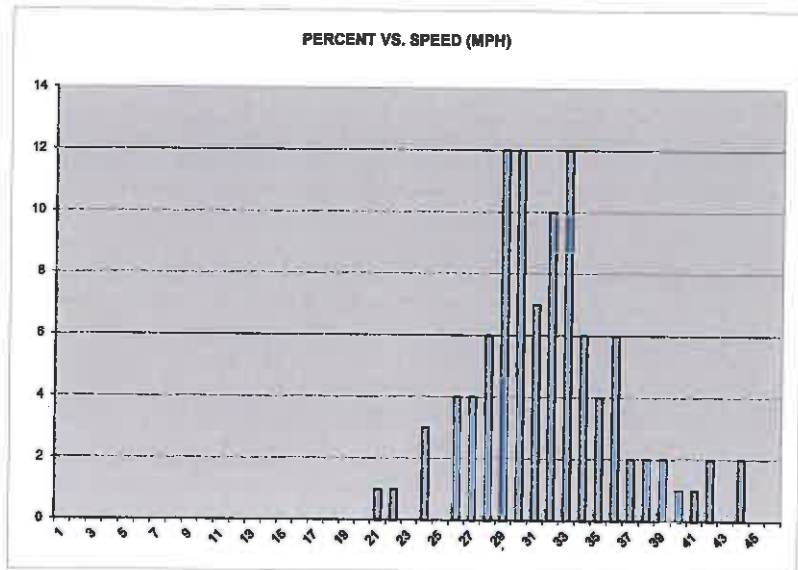
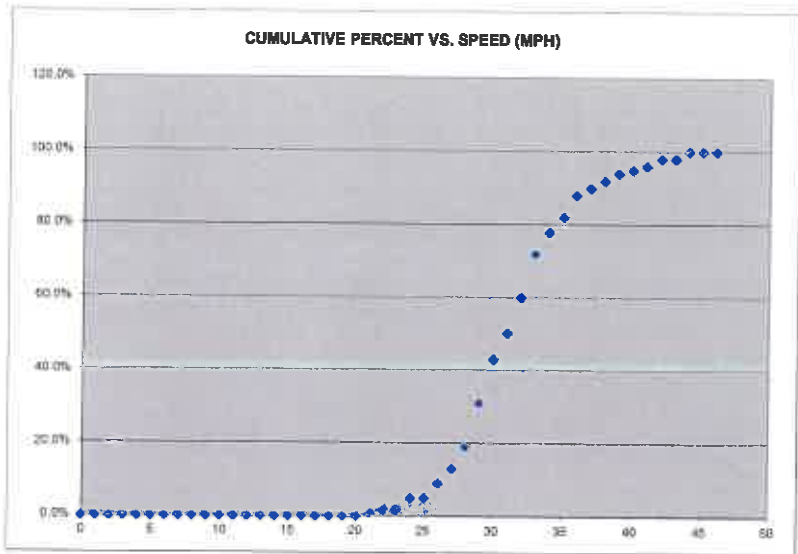
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

32	
36	
27	TO 36
79.0%	
12.0%	
9.0%	
21	TO 44
100	
31.8	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	1	1.0%	1.0%
22	1	1.0%	2.0%
23	0	0.0%	2.0%
24	3	3.0%	5.0%
25	0	0.0%	5.0%
26	4	4.0%	9.0%
27	4	4.0%	13.0%
28	6	6.0%	19.0%
29	12	12.0%	31.0%
30	12	12.0%	43.0%
31	7	7.0%	50.0%
32	10	10.0%	60.0%
33	12	12.0%	72.0%
34	6	6.0%	78.0%
35	4	4.0%	82.0%
36	6	6.0%	88.0%
37	2	2.0%	90.0%
38	2	2.0%	92.0%
39	2	2.0%	94.0%
40	1	1.0%	95.0%
41	1	1.0%	96.0%
42	2	2.0%	98.0%
43	0	0.0%	98.0%
44	2	2.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: High St.

Limits: Bay Drive & Laurent St.

City General Plan Roadway Classification: Arterial

Width: 40-feet

Critical Speed (85th percentile): 36 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 14 total, 7 injury

Adjacent Land Use: Residential, Elementary School, Churches

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph and reduce by 5 mph for pedestrian and bicyclist safety per CVC 627.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#30 HIGH (BAY-LAURENT)
RB/WB
7/31/2015
10:48 PM
30

DATE

TIME

POSTED SPEED LIMIT

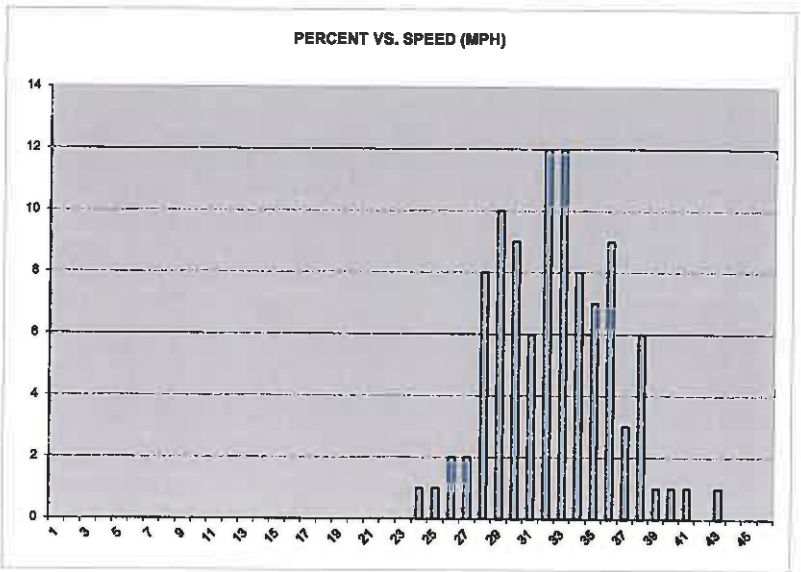
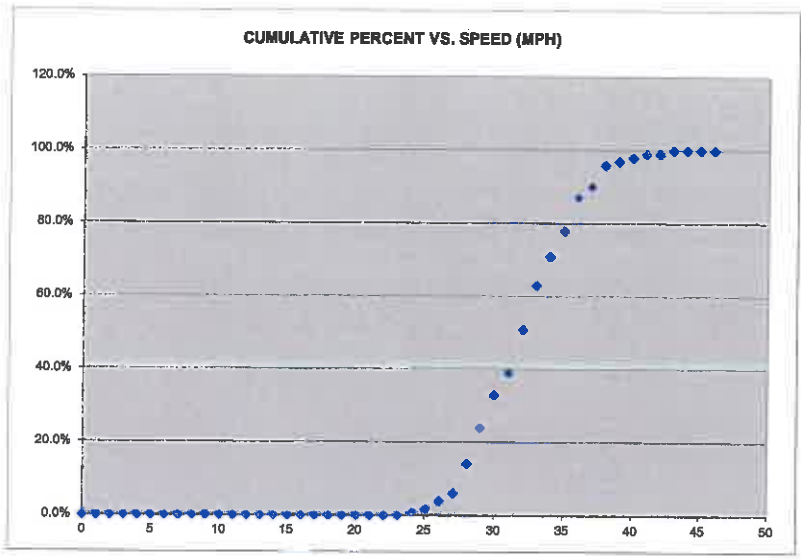
50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

32
36
28
84.0%
10.0%
6.0%
24
100
32.5

TO 37

TO 43

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	0	0.0%	0.0%
22	0	0.0%	0.0%
23	0	0.0%	0.0%
24	1	1.0%	1.0%
25	1	1.0%	2.0%
26	2	2.0%	4.0%
27	2	2.0%	6.0%
28	8	8.0%	14.0%
29	10	10.0%	24.0%
30	9	9.0%	33.0%
31	6	6.0%	39.0%
32	12	12.0%	51.0%
33	12	12.0%	63.0%
34	8	8.0%	71.0%
35	7	7.0%	78.0%
36	9	9.0%	87.0%
37	3	3.0%	90.0%
38	6	6.0%	96.0%
39	1	1.0%	97.0%
40	1	1.0%	98.0%
41	1	1.0%	99.0%
42	0	0.0%	99.0%
43	1	1.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: High St.

Limits: Storey St. & Laurent St.

City General Plan Roadway Classification: Arterial

Width: 36-feet

Critical Speed (85th percentile): 35 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 5 total, 4 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

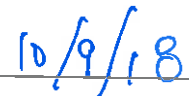
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

#31 HIGH (STOREY-LAURENT)
EB/WB
8/5/2015
9:53 AM
30

DATE

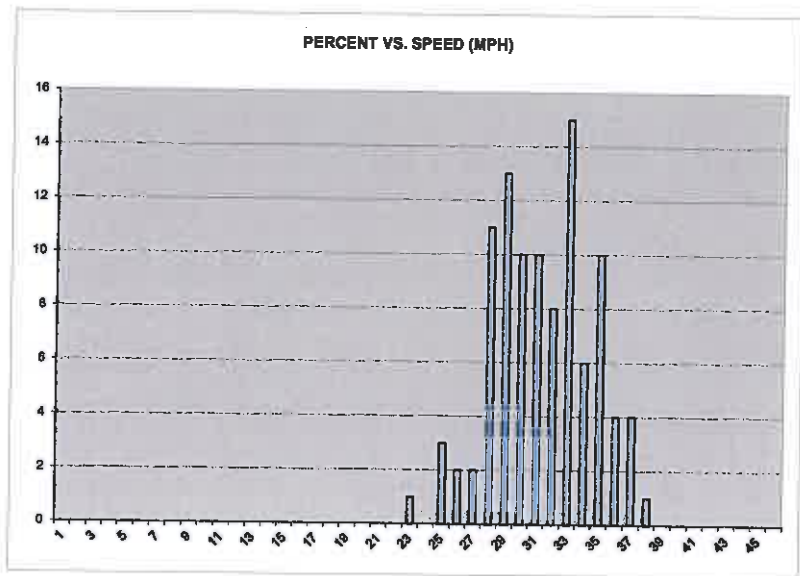
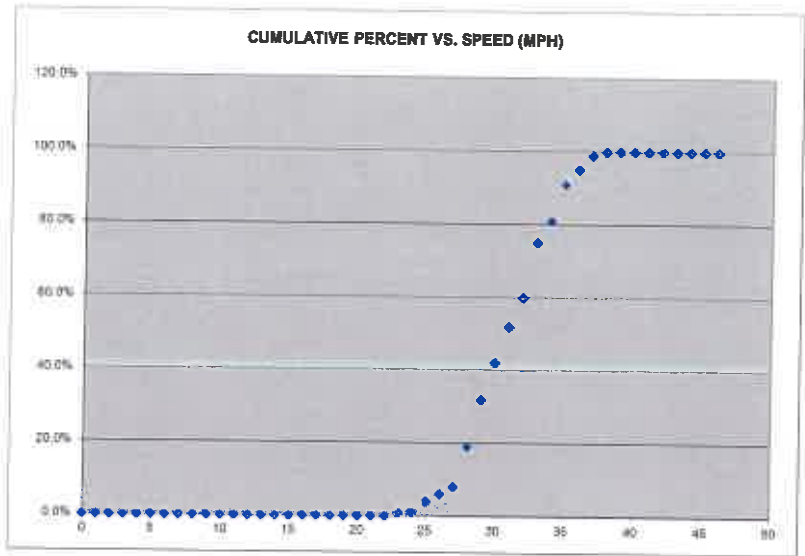
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

31	
35	
28	TO 37
91.0%	
1.0%	
8.0%	
23	TO 38
100	
31.3	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	0	0.0%	0.0%
22	0	0.0%	0.0%
23	1	1.0%	1.0%
24	0	0.0%	1.0%
25	3	3.0%	4.0%
26	2	2.0%	6.0%
27	2	2.0%	8.0%
28	11	11.0%	19.0%
29	13	13.0%	32.0%
30	10	10.0%	42.0%
31	10	10.0%	52.0%
32	8	8.0%	60.0%
33	15	15.0%	75.0%
34	6	6.0%	81.0%
35	10	10.0%	91.0%
36	4	4.0%	95.0%
37	4	4.0%	99.0%
38	1	1.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: High St.

Limits: Storey St. & Hwy 1.

City General Plan Roadway Classification: Arterial (Story to Highland), Local

Width: 36-feet

Critical Speed (85th percentile): 26 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 10 total, 4 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment.

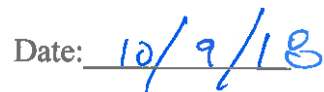
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

HIGH (STOREY - HWY 1) EB
& WB
10/27/2017
9:48 AM
25

DATE

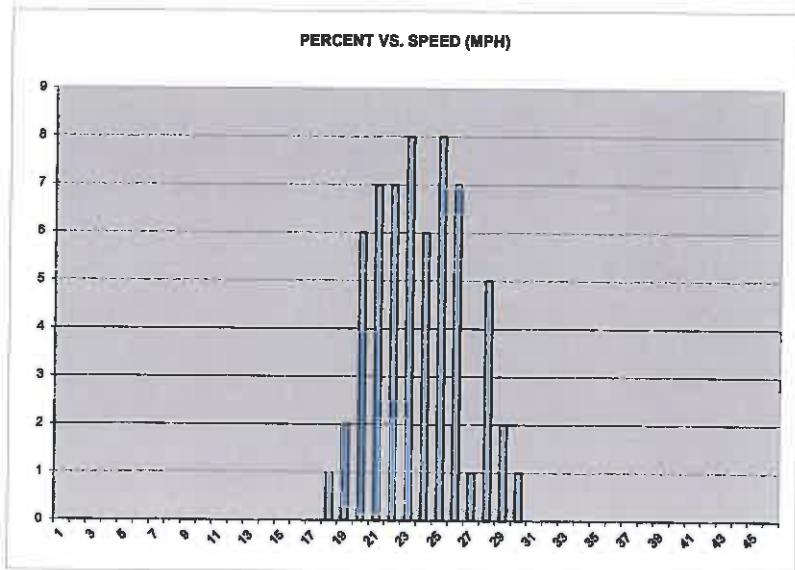
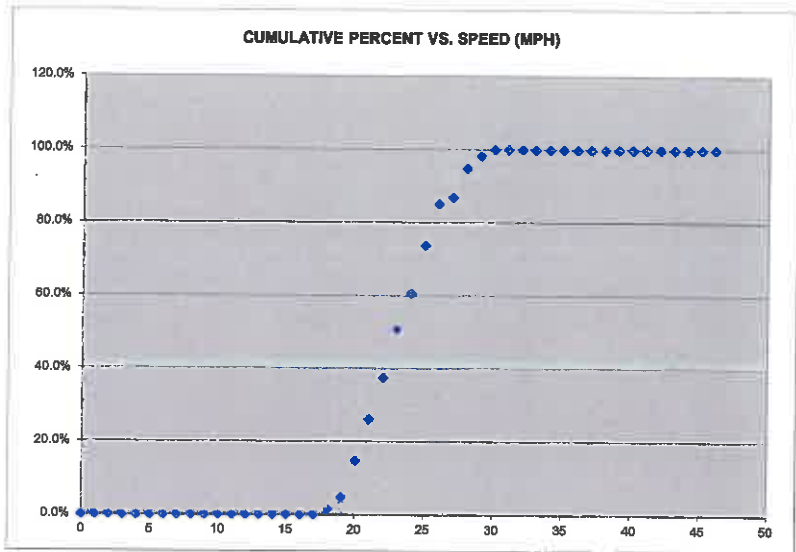
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

23	
26	
19	TO 28
93.4%	
4.9%	
1.6%	
18	TO 30
61	
23.6	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	1	1.6%	1.6%
19	2	3.3%	4.9%
20	6	9.8%	14.8%
21	7	11.5%	26.2%
22	7	11.5%	37.7%
23	8	13.1%	50.8%
24	6	9.8%	60.7%
25	8	13.1%	73.8%
26	7	11.5%	85.2%
27	1	1.6%	86.9%
28	5	8.2%	95.1%
29	2	3.3%	98.4%
30	1	1.6%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Highland Ave.

Limits: Spring St & Mission St.

City General Plan Roadway Classification: Collector

Width: 25-48-feet

Critical Speed (85th percentile): 30 mph

Unusual Conditions/Allowable Considerations per CVC:


Reported Collisions: 2013 through 2017, 10 total, 1 injury

Adjacent Land Use: Residential, Church

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#127 HIGHLAND AVENUE
(SPRING MISSION) EB & WB
DATE 12/6/2017
TIME 10:47 AM
POSTED SPEED LIMIT 25

DATE

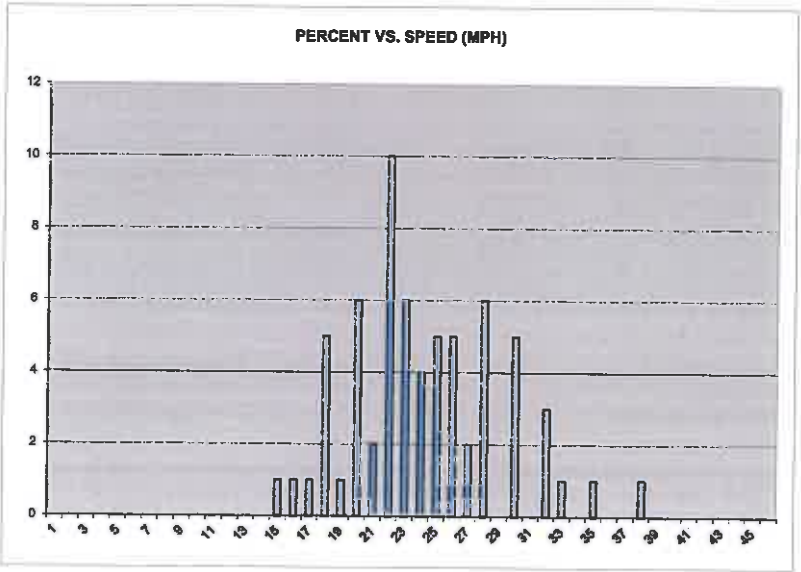
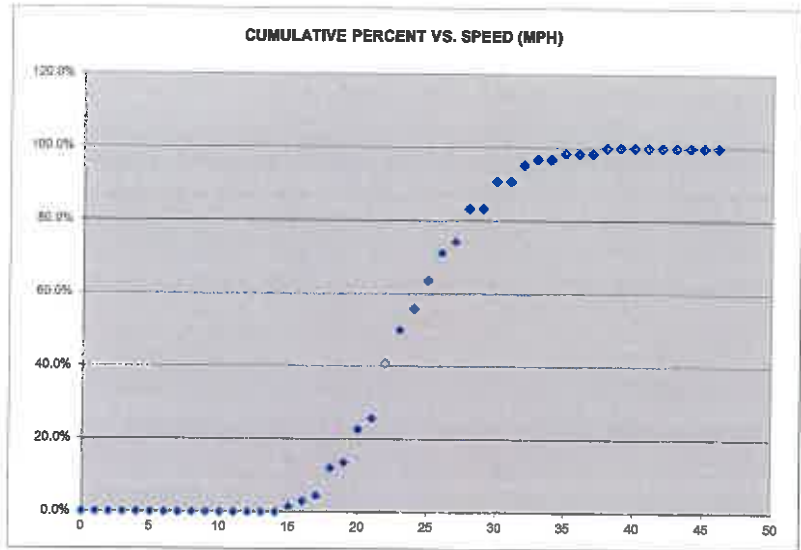
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

24	
30	
19	TO 28
71.2%	
16.7%	
12.1%	
15	TO 38
66	
24.3	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	1	1.5%	1.5%
16	1	1.5%	3.0%
17	1	1.5%	4.5%
18	5	7.6%	12.1%
19	1	1.5%	13.6%
20	6	9.1%	22.7%
21	2	3.0%	25.8%
22	10	15.2%	40.9%
23	6	9.1%	50.0%
24	4	6.1%	56.1%
25	5	7.6%	63.6%
26	5	7.6%	71.2%
27	2	3.0%	74.2%
28	6	9.1%	83.3%
29	0	0.0%	83.3%
30	5	7.6%	90.9%
31	0	0.0%	90.9%
32	3	4.5%	95.5%
33	1	1.5%	97.0%
34	0	0.0%	97.0%
35	1	1.5%	98.5%
36	0	0.0%	98.5%
37	0	0.0%	98.5%
38	1	1.5%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Isbel Dr.

Limits: Bartlett S. & Carbonera Dr.

City General Plan Roadway Classification: Collector

Width: 40-feet

Critical Speed (85th percentile): 31 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 1 total, 0 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#32 ISBEL (BARTLETT-CARBONERA) NB & SB
 11/19/2015
 1:45 PM
 30

DATE

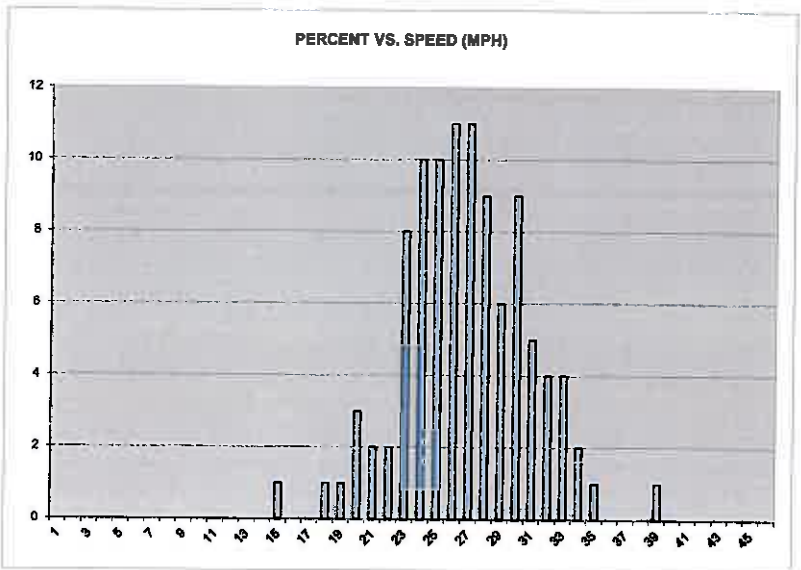
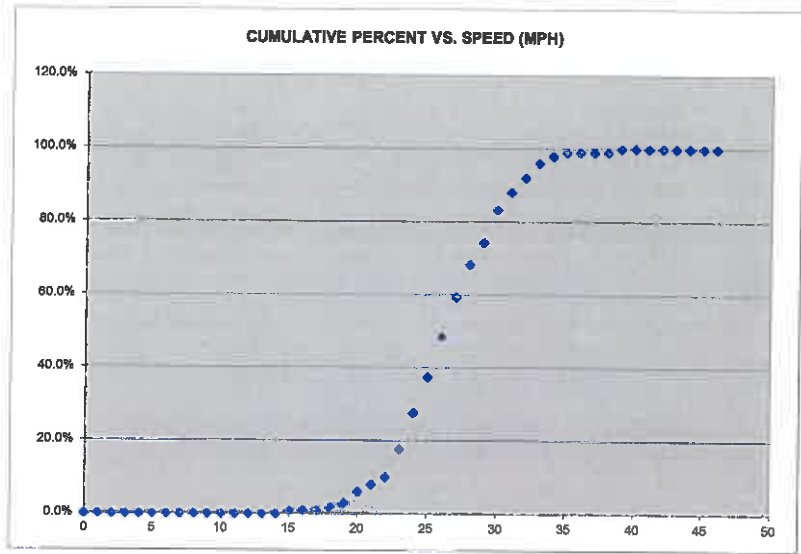
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

27	
31	
23	TO 32
82.2%	
7.9%	
9.9%	
15	TO 39
101	
26.8	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	1	1.0%	1.0%
16	0	0.0%	1.0%
17	0	0.0%	1.0%
18	1	1.0%	2.0%
19	1	1.0%	3.0%
20	3	3.0%	5.9%
21	2	2.0%	7.9%
22	2	2.0%	9.9%
23	8	7.9%	17.8%
24	10	9.9%	27.7%
25	10	9.9%	37.6%
26	11	10.9%	48.5%
27	11	10.9%	59.4%
28	9	8.9%	68.3%
29	6	5.9%	74.3%
30	9	8.9%	83.2%
31	5	5.0%	88.1%
32	4	4.0%	92.1%
33	4	4.0%	96.0%
34	2	2.0%	98.0%
35	1	1.0%	99.0%
36	0	0.0%	99.0%
37	0	0.0%	99.0%
38	0	0.0%	99.0%
39	1	1.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Isbel Dr.

Limits: Bartlett Way & Market St.

City General Plan Roadway Classification: Collector

Width: 24-feet

Critical Speed (85th percentile): 29 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 2 total, 0 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____

Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#130 ISBEL (BARTLETT-MARKET) NB & SB
DATE 10/25/2017
TIME 8.47 AM
POSTED SPEED LIMIT 25

DATE

TIME

POSTED SPEED LIMIT

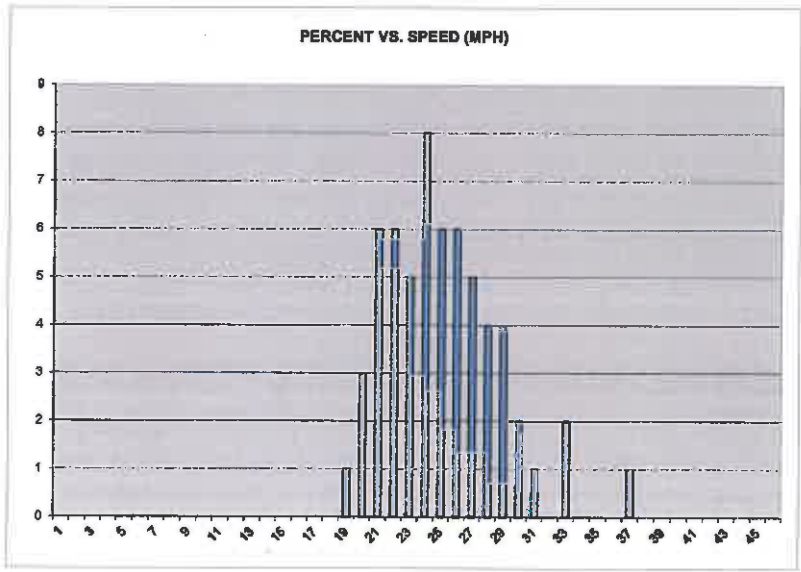
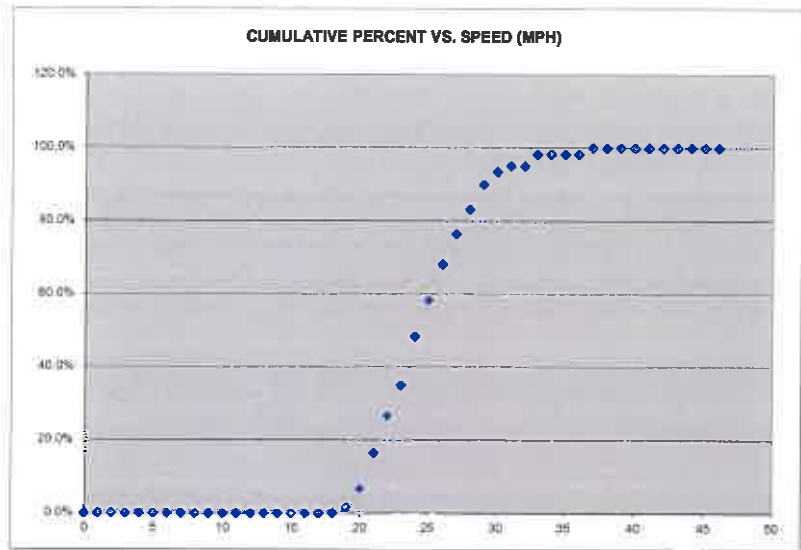
50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

25
29
20
88.3%
10.0%
1.7%
19
60
25.1

TO 29

TO 37

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	1	1.7%	1.7%
20	3	5.0%	6.7%
21	6	10.0%	16.7%
22	6	10.0%	26.7%
23	5	8.3%	35.0%
24	8	13.3%	48.3%
25	6	10.0%	58.3%
26	6	10.0%	68.3%
27	5	8.3%	76.7%
28	4	6.7%	83.3%
29	4	6.7%	90.0%
30	2	3.3%	93.3%
31	1	1.7%	95.0%
32	0	0.0%	95.0%
33	2	3.3%	98.3%
34	0	0.0%	98.3%
35	0	0.0%	98.3%
36	0	0.0%	98.3%
37	1	1.7%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: King St.

Limits: Mission St. N & S Ends.

City General Plan Roadway Classification: Collector

Width: 36-feet

Critical Speed (85th percentile): 26 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 33 total, 17 injury, 2 fatal

Adjacent Land Use: Residential, (Middle) School Zone

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#33 KING (MISSION BOTH N & S ENDS) WB & EB
 11/25/2015
 11:29 AM
 25

DATE

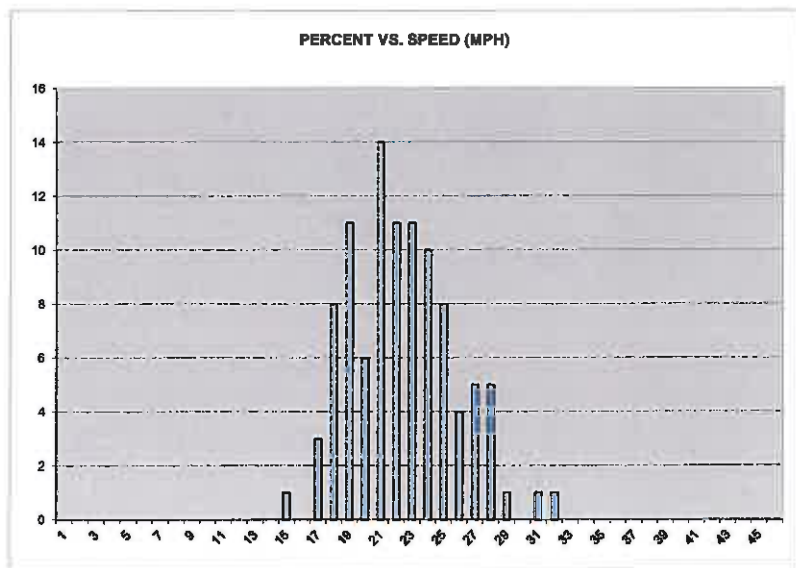
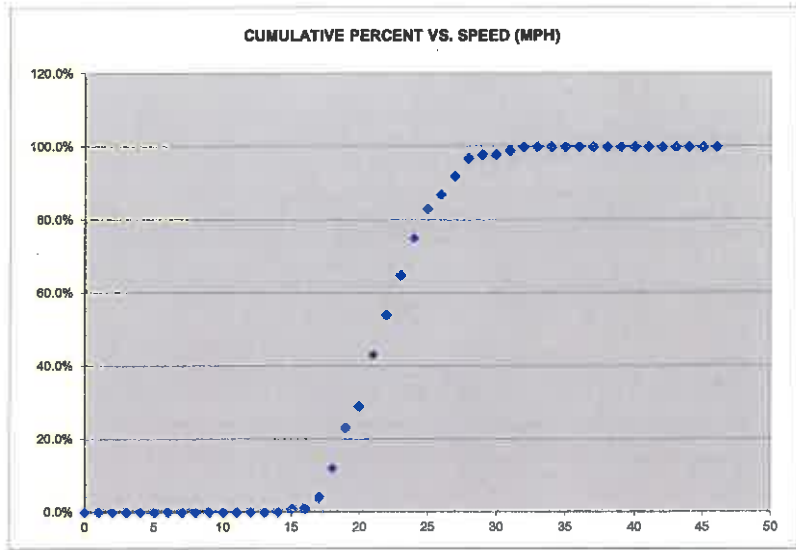
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

22
26
18
TO 27
88.0%
8.0%
4.0%
15
TO 32
100
22.4

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	1	1.0%	1.0%
16	0	0.0%	1.0%
17	3	3.0%	4.0%
18	8	8.0%	12.0%
19	11	11.0%	23.0%
20	6	6.0%	29.0%
21	14	14.0%	43.0%
22	11	11.0%	54.0%
23	11	11.0%	65.0%
24	10	10.0%	75.0%
25	8	8.0%	83.0%
26	4	4.0%	87.0%
27	5	5.0%	92.0%
28	5	5.0%	97.0%
29	1	1.0%	98.0%
30	0	0.0%	98.0%
31	1	1.0%	99.0%
32	1	1.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: La Fonda Ave.

Limits: Oak Way & Soquel Ave.

City General Plan Roadway Classification: Collector

Width: 34-feet

Critical Speed (85th percentile): 32 mph

Unusual Conditions/Allowable Considerations per CVC:

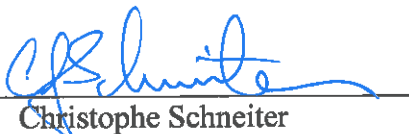
Reported Collisions: 2010 through 2015, 9 total, 5 injury

Adjacent Land Use: Residential, (High) School Zone

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and reduce by 5 mph for pedestrian and bicyclist safety per CVC 627.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#34 LAFONDA (OAK & SOQUEL) NB & SB
5/23/2016
10:28 AM
(no sign) 25

DATE

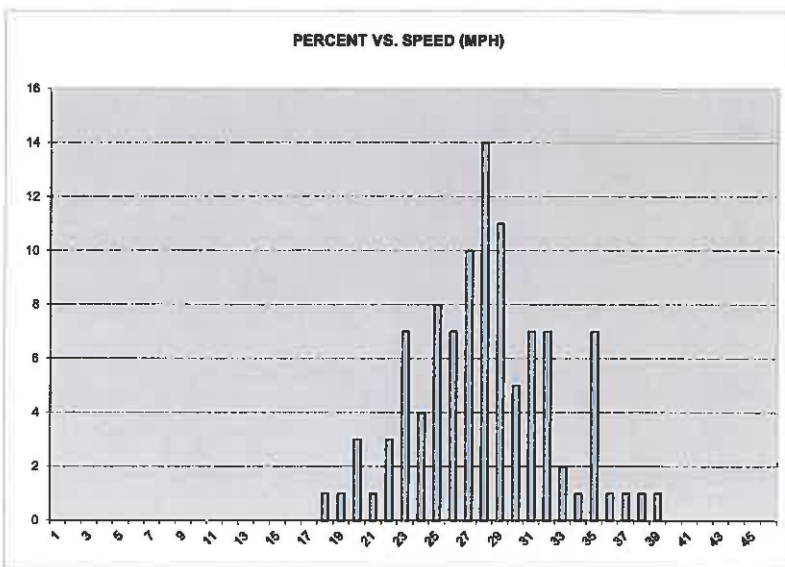
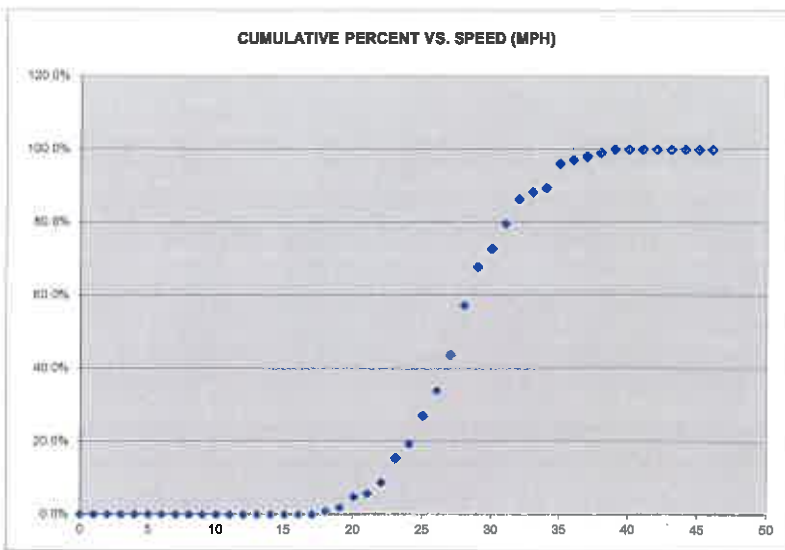
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

28	
32	
23	TO 32
77.7%	
13.6%	
8.7%	
18	TO 39
103	
28.1	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	1	1.0%	1.0%
19	1	1.0%	1.9%
20	3	2.9%	4.9%
21	1	1.0%	5.8%
22	3	2.9%	8.7%
23	7	6.8%	15.5%
24	4	3.9%	19.4%
25	8	7.8%	27.2%
26	7	6.8%	34.0%
27	10	9.7%	43.7%
28	14	13.6%	57.3%
29	11	10.7%	68.0%
30	5	4.9%	72.8%
31	7	6.8%	79.6%
32	7	6.8%	86.4%
33	2	1.9%	88.3%
34	1	1.0%	89.3%
35	7	6.8%	96.1%
36	1	1.0%	97.1%
37	1	1.0%	98.1%
38	1	1.0%	99.0%
39	1	1.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: La Fonda Ave.

Limits: Oak Way & Prospect Heights.

City General Plan Roadway Classification: Collector

Width: 34-feet

Critical Speed (85th percentile): 30 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 1 total, 1 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneiter
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#35 LA FONDA (OAK-PROSPECT HEIGHTS) NB & SB
 5/13/2016
 11:47 AM
 (no sign) 25

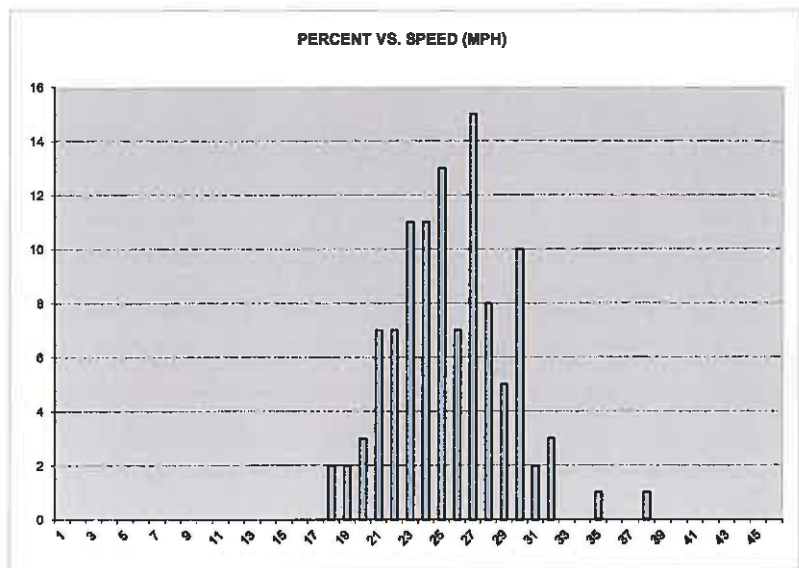
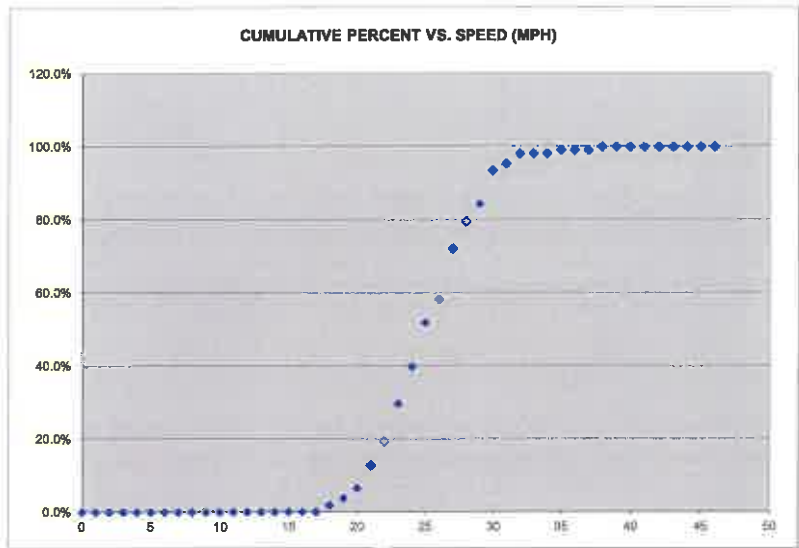
DATE
 TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

25	
30	
21	TO 30
87.0%	
6.5%	
6.5%	
18	TO 38
108	
25.6	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	2	1.9%	1.9%
19	2	1.9%	3.7%
20	3	2.8%	6.5%
21	7	6.5%	13.0%
22	7	6.5%	19.4%
23	11	10.2%	29.6%
24	11	10.2%	39.8%
25	13	12.0%	51.9%
26	7	6.5%	58.3%
27	15	13.9%	72.2%
28	8	7.4%	79.6%
29	5	4.6%	84.3%
30	10	9.3%	93.5%
31	2	1.9%	95.4%
32	3	2.8%	98.1%
33	0	0.0%	98.1%
34	0	0.0%	98.1%
35	1	0.9%	99.1%
36	0	0.0%	99.1%
37	0	0.0%	99.1%
38	1	0.9%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Laurel St.

Limits: Mission St. & King St.

City General Plan Roadway Classification: Collector

Width: 38-feet

Critical Speed (85th percentile): 25 mph

Unusual Conditions/Allowable Considerations per CVC:


Reported Collisions: 2010 through 2015, 2 total, 0 injury

Adjacent Land Use: Residential

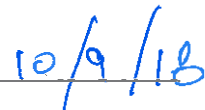
Speed reduction justification: None required

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Date: _____



Title: City Engineer

Vehicle Speed Survey Sheet

DIRECTIONS

#36 LAUREL (MISSION-KING)
NB & SB
11/25/2015
10:15 AM
no sign 25

DATE

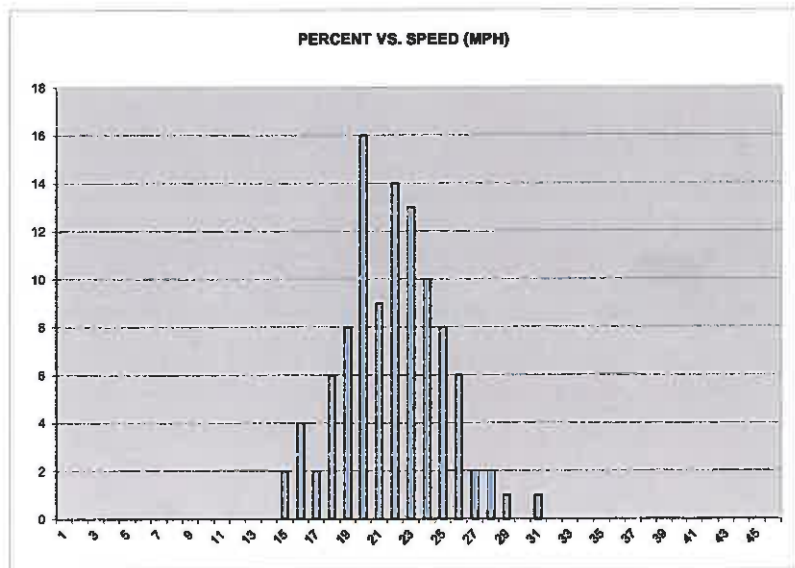
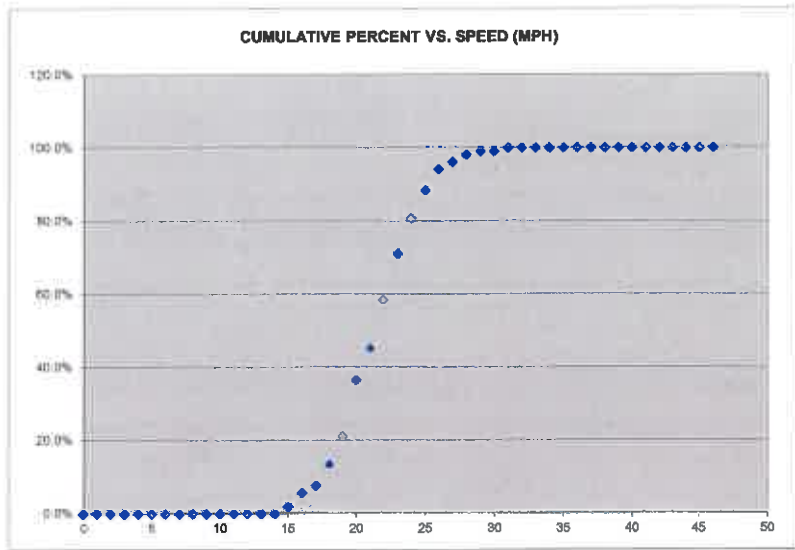
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

22	
25	
17	TO 26
88.5%	
5.8%	
5.8%	
15	TO 31
104	
21.8	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	2	1.9%	1.9%
16	4	3.8%	5.8%
17	2	1.9%	7.7%
18	6	5.8%	13.5%
19	8	7.7%	21.2%
20	16	15.4%	36.5%
21	9	8.7%	45.2%
22	14	13.5%	58.7%
23	13	12.5%	71.2%
24	10	9.6%	80.8%
25	8	7.7%	88.5%
26	6	5.8%	94.2%
27	2	1.9%	96.2%
28	2	1.9%	98.1%
29	1	1.0%	99.0%
30	0	0.0%	99.0%
31	1	1.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Laurel St.

Limits: Mission St. & Front St.

City General Plan Roadway Classification: Arterial

Width: 44-feet

Critical Speed (85th percentile): 28 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 75 total, 55 injury

Adjacent Land Use: Business, Residential, (High) School Zone

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____

Christophe Schneider

Title: City Engineer

Date: _____

10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#37 LAUREL (MISSION-FRONT) NB & SB
 11/25/2015
 9:45 AM
 25

DATE
 TIME
 POSTED SPEED LIMIT

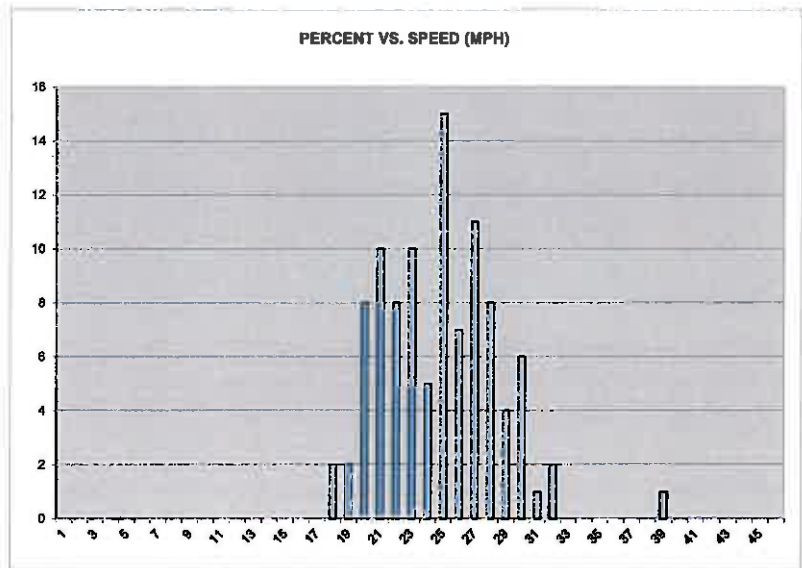
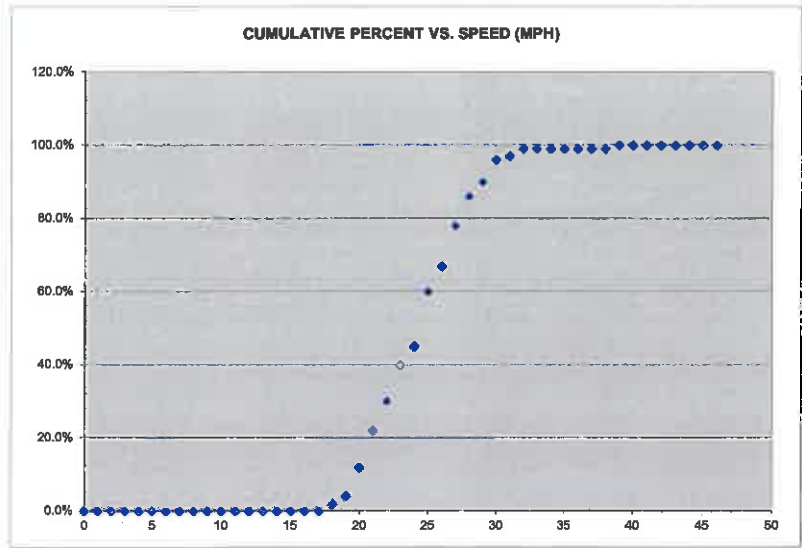
50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

25
28
20
86.0%
10.0%
4.0%
18
100
24.8

TO 29

TO 39

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	2	2.0%	2.0%
19	2	2.0%	4.0%
20	8	8.0%	12.0%
21	10	10.0%	22.0%
22	8	8.0%	30.0%
23	10	10.0%	40.0%
24	5	5.0%	45.0%
25	15	15.0%	60.0%
26	7	7.0%	67.0%
27	11	11.0%	78.0%
28	8	8.0%	86.0%
29	4	4.0%	90.0%
30	6	6.0%	96.0%
31	1	1.0%	97.0%
32	2	2.0%	99.0%
33	0	0.0%	99.0%
34	0	0.0%	99.0%
35	0	0.0%	99.0%
36	0	0.0%	99.0%
37	0	0.0%	99.0%
38	0	0.0%	99.0%
39	1	1.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Laurent St.

Limits: High St. & King St.

City General Plan Roadway Classification: Collector

Width: Varies 26-36 feet

Critical Speed (85th percentile): 31 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 3 total, 2 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#133 LAURENT (HIGH-KING)
NB & SB
10/30/2017
2:26 PM
25

DATE

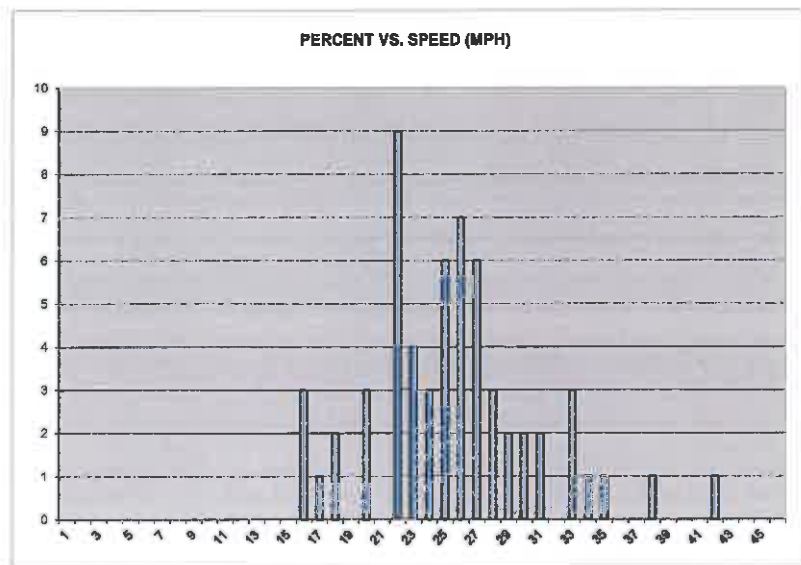
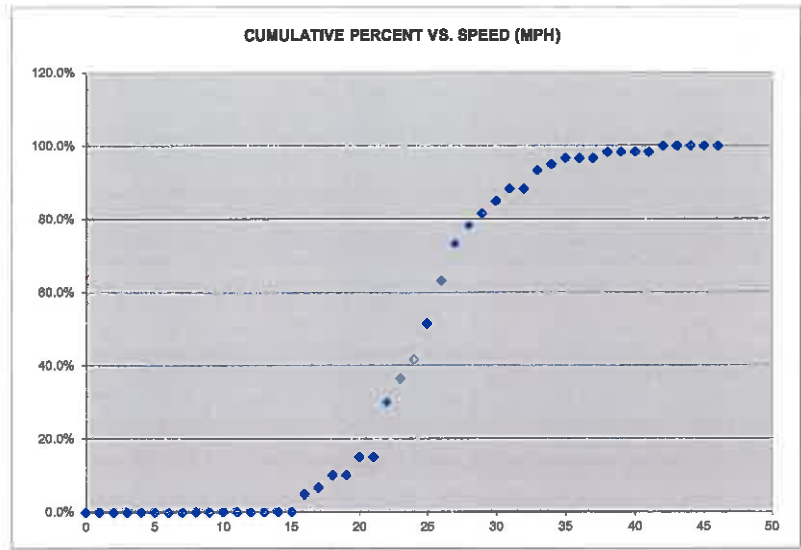
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

25	
31	
22	TO 31
73.3%	
11.7%	
15.0%	
16	TO 42
60	
25.5	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	3	5.0%	5.0%
17	1	1.7%	6.7%
18	2	3.3%	10.0%
19	0	0.0%	10.0%
20	3	5.0%	15.0%
21	0	0.0%	15.0%
22	9	15.0%	30.0%
23	4	6.7%	36.7%
24	3	5.0%	41.7%
25	6	10.0%	51.7%
26	7	11.7%	63.3%
27	6	10.0%	73.3%
28	3	5.0%	78.3%
29	2	3.3%	81.7%
30	2	3.3%	85.0%
31	2	3.3%	88.3%
32	0	0.0%	88.3%
33	3	5.0%	93.3%
34	1	1.7%	95.0%
35	1	1.7%	96.7%
36	0	0.0%	96.7%
37	0	0.0%	96.7%
38	1	1.7%	98.3%
39	0	0.0%	98.3%
40	0	0.0%	98.3%
41	0	0.0%	98.3%
42	1	1.7%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Lee St./N. Plymouth

Limits: N Plymouth St. & Emeline Ave.

City General Plan Roadway Classification: Collector

Width: Varies 28-37 feet

Critical Speed (85th percentile): 32 mph

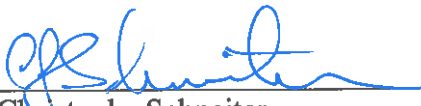
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 4 total, 2 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#134 LEE ST. (PLYMOUTH-
EMELINE) EB &WB
11/8/2017
10:21 AM
25

DATE

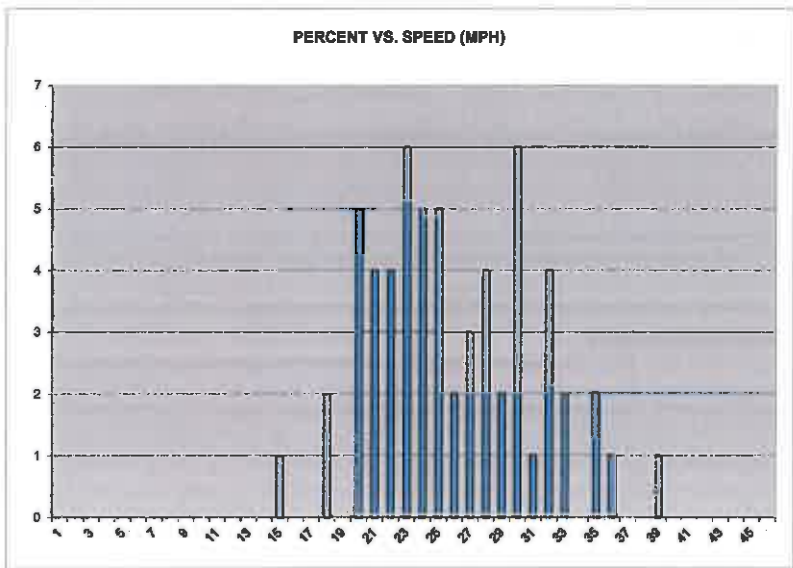
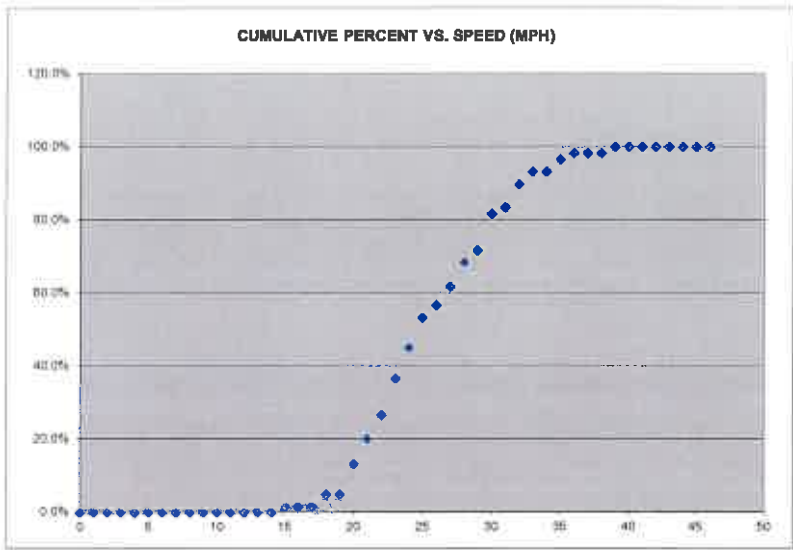
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

25	
32	
21	TO 30
68.3%	
18.3%	
13.3%	
15	TO 39
60	
26.0	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	1	1.7%	1.7%
16	0	0.0%	1.7%
17	0	0.0%	1.7%
18	2	3.3%	5.0%
19	0	0.0%	5.0%
20	5	8.3%	13.3%
21	4	6.7%	20.0%
22	4	6.7%	26.7%
23	6	10.0%	36.7%
24	5	8.3%	45.0%
25	5	8.3%	53.3%
26	2	3.3%	56.7%
27	3	5.0%	61.7%
28	4	6.7%	68.3%
29	2	3.3%	71.7%
30	6	10.0%	81.7%
31	1	1.7%	83.3%
32	4	6.7%	90.0%
33	2	3.3%	93.3%
34	0	0.0%	93.3%
35	2	3.3%	96.7%
36	1	1.7%	98.3%
37	0	0.0%	98.3%
38	0	0.0%	98.3%
39	1	1.7%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Lincoln St.

Limits: Walnut Ave. & Pacific Ave.

City General Plan Roadway Classification: Arterial

Width: 37-feet

Critical Speed (85th percentile): 24 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 14 total, 5 injury

Adjacent Land Use: Residential

Speed reduction justification: None required

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#135 LINCOLN ST. (WALNUT-PACIFIC) EB &WB
 12/5/2017
 10:20 AM
 25

DATE

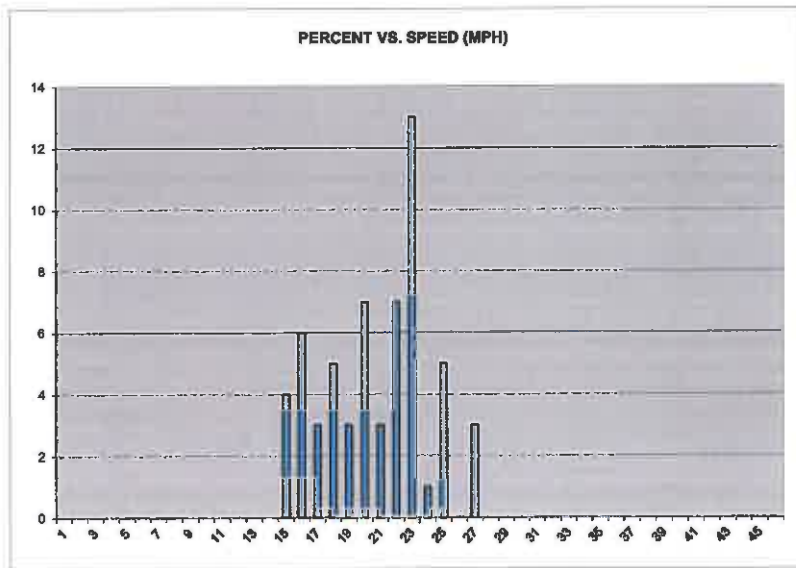
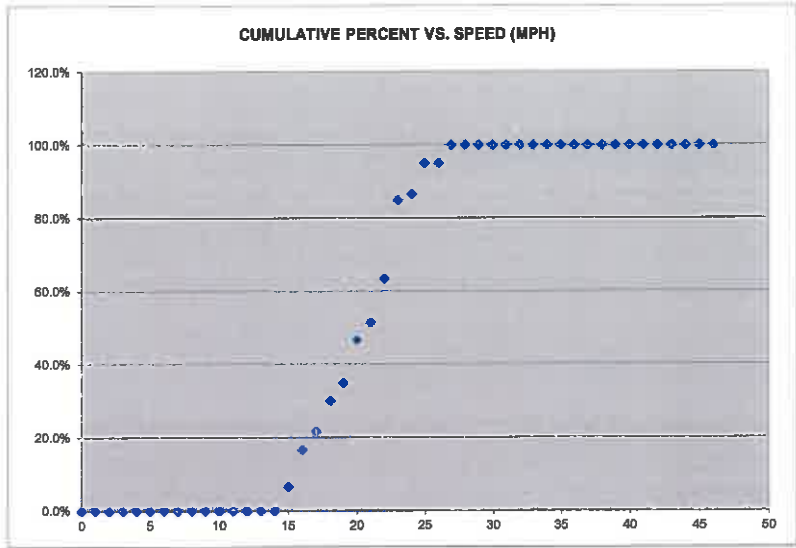
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

21	
24	
16	TO 25
88.3%	
5.0%	
6.7%	
15	TO 27
60	
20.7	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	4	6.7%	6.7%
16	6	10.0%	16.7%
17	3	5.0%	21.7%
18	5	8.3%	30.0%
19	3	5.0%	35.0%
20	7	11.7%	46.7%
21	3	5.0%	51.7%
22	7	11.7%	63.3%
23	13	21.7%	85.0%
24	1	1.7%	86.7%
25	5	8.3%	95.0%
26	0	0.0%	95.0%
27	3	5.0%	100.0%
28	0	0.0%	100.0%
29	0	0.0%	100.0%
30	0	0.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Market St.

Limits: Avalon Ave to Washburn.

City General Plan Roadway Classification: Arterial

Width: 48-feet

Critical Speed (85th percentile): 35 mph

Unusual Conditions/Allowable Considerations per CVC:

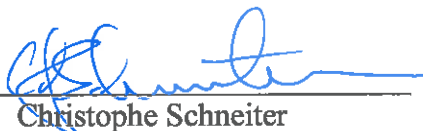
Reported Collisions: 2010 through 2015, 7 total, 2 injury

Adjacent Land Use: Primarily residential, senior center

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#38 MARKET (WATER- AVALON) NB & SB
11/19/2015
2:50 PM
30

DATE

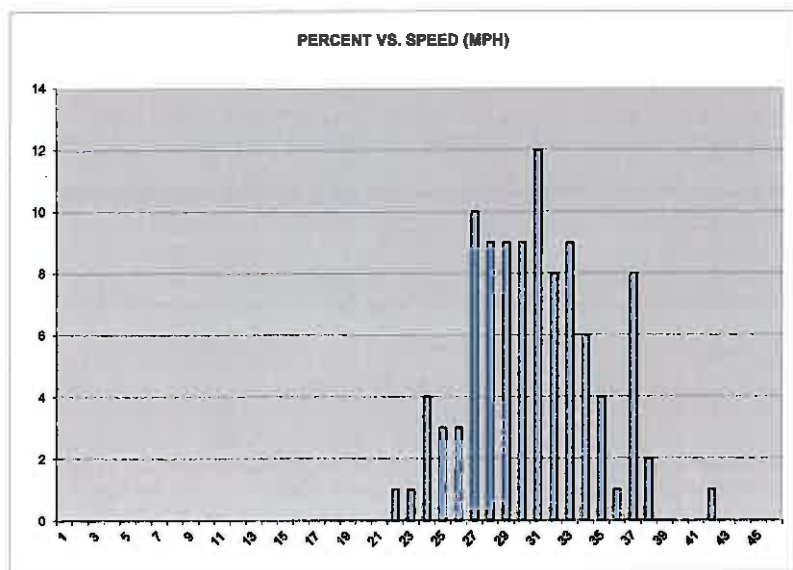
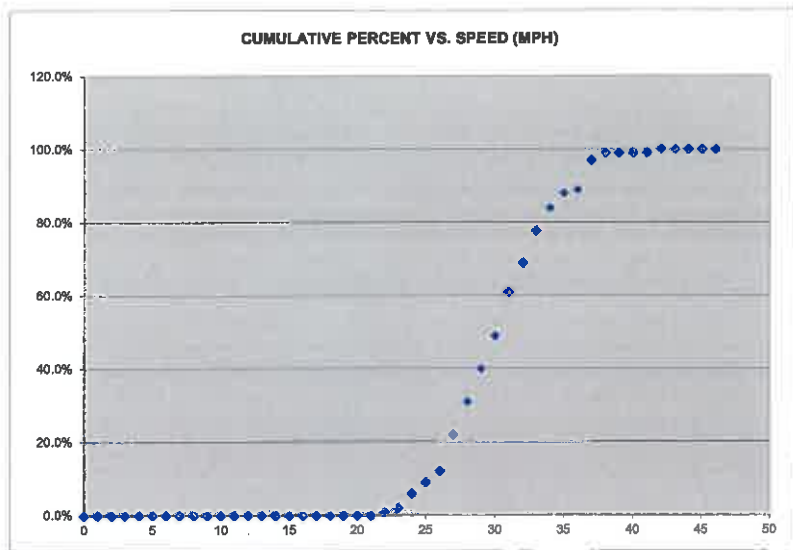
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

31	TO	35
35		
26		
79.0%		
12.0%		
9.0%		
22	TO	42
100		
30.7		

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	0	0.0%	0.0%
22	1	1.0%	1.0%
23	1	1.0%	2.0%
24	4	4.0%	6.0%
25	3	3.0%	9.0%
26	3	3.0%	12.0%
27	10	10.0%	22.0%
28	9	9.0%	31.0%
29	9	9.0%	40.0%
30	9	9.0%	49.0%
31	12	12.0%	61.0%
32	8	8.0%	69.0%
33	9	9.0%	78.0%
34	6	6.0%	84.0%
35	4	4.0%	88.0%
36	1	1.0%	89.0%
37	8	8.0%	97.0%
38	2	2.0%	99.0%
39	0	0.0%	99.0%
40	0	0.0%	99.0%
41	0	0.0%	99.0%
42	1	1.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

2018 ENGINEERING AND TRAFFIC SURVEY

Street: Market St.

Limits: Avalon Ave. & City Limit

City General Plan Roadway Classification: Collector

Width: 30-feet

Critical Speed (85th percentile): 30 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 2 total, 1 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

2018 ENGINEERING AND TRAFFIC SURVEY

Signed: 

Date: 10/9/18

Title: City Engineer
Christophe Schneider

Vehicle Speed Survey Sheet

DIRECTIONS

#39 MARKET (AVALON-CITY LIMIT) NB & SB
12/18/2015
10:40 AM
25

DATE

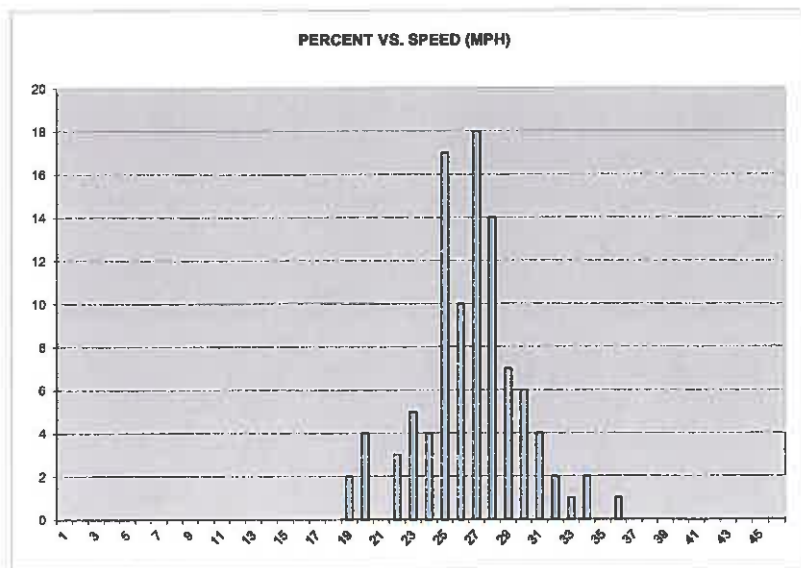
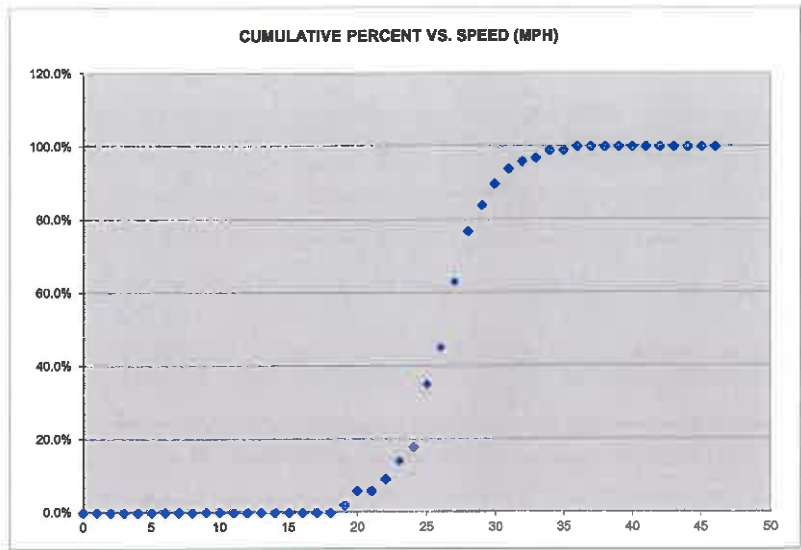
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

27	
30	
22	TO 31
88.0%	
6.0%	
6.0%	
19	TO 36
100	
26.7	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	2	2.0%	2.0%
20	4	4.0%	6.0%
21	0	0.0%	6.0%
22	3	3.0%	9.0%
23	5	5.0%	14.0%
24	4	4.0%	18.0%
25	17	17.0%	35.0%
26	10	10.0%	45.0%
27	18	18.0%	63.0%
28	14	14.0%	77.0%
29	7	7.0%	84.0%
30	6	6.0%	90.0%
31	4	4.0%	94.0%
32	2	2.0%	96.0%
33	1	1.0%	97.0%
34	2	2.0%	99.0%
35	0	0.0%	99.0%
36	1	1.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Meder St.

Limits: Bay Dr. & Western Dr.

City General Plan Roadway Classification: Collector

Width: 40-feet

Critical Speed (85th percentile): 32 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 8 total, 6 injury

Adjacent Land Use: Primarily residential, park/playground, and cemetery

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

2018 ENGINEERING AND TRAFFIC SURVEY

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#40 MEDER (BAY & WESTERN)
) EB & WB
4/19/2016
2:19 PM
(no sign) 25

DATE

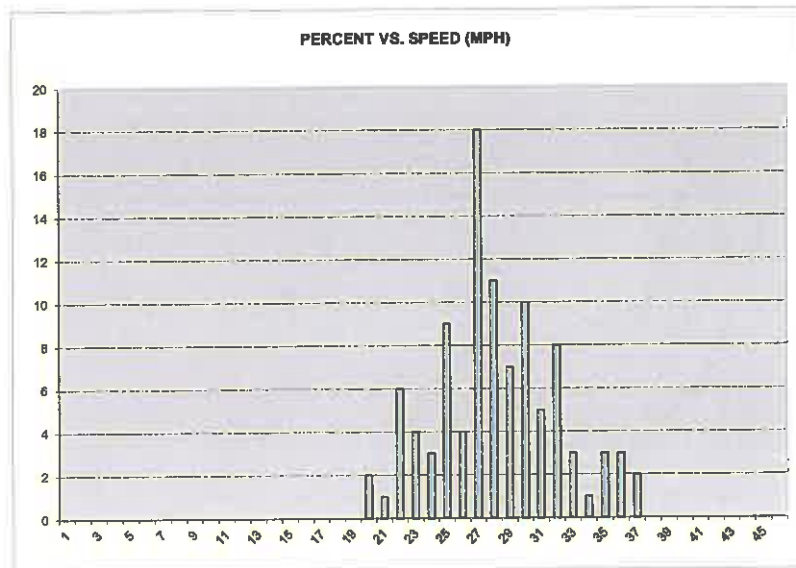
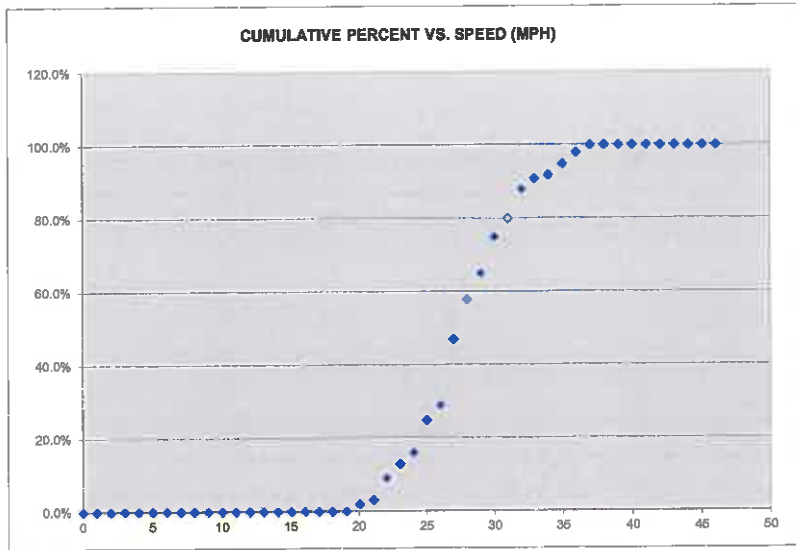
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

28	
32	
23	TO 32
79.0%	
12.0%	
9.0%	
20	TO 37
100	
28.1	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	2	2.0%	2.0%
21	1	1.0%	3.0%
22	6	6.0%	9.0%
23	4	4.0%	13.0%
24	3	3.0%	16.0%
25	9	9.0%	25.0%
26	4	4.0%	29.0%
27	18	18.0%	47.0%
28	11	11.0%	58.0%
29	7	7.0%	65.0%
30	10	10.0%	75.0%
31	5	5.0%	80.0%
32	8	8.0%	88.0%
33	3	3.0%	91.0%
34	1	1.0%	92.0%
35	3	3.0%	95.0%
36	3	3.0%	98.0%
37	2	2.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Morrissey Blvd. (SB)

Limits: South-bound Water St. & Fairmount Ave.

City General Plan Roadway Classification: Arterial

Width: 30-feet (each direction)

Critical Speed (85th percentile): 37 mph

Unusual Conditions/Allowable Considerations per CVC:

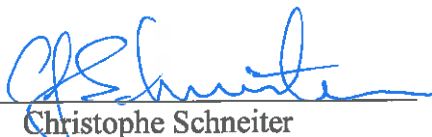
Reported Collisions: 2010 through 2015, 11 total, 10 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

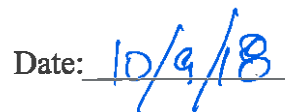
Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: _____



Vehicle Speed Survey Sheet

DIRECTIONS

#41A MORRISSEY (WATER-FAIRMONT) SB
5/26/2016
11:26 AM
30

DATE

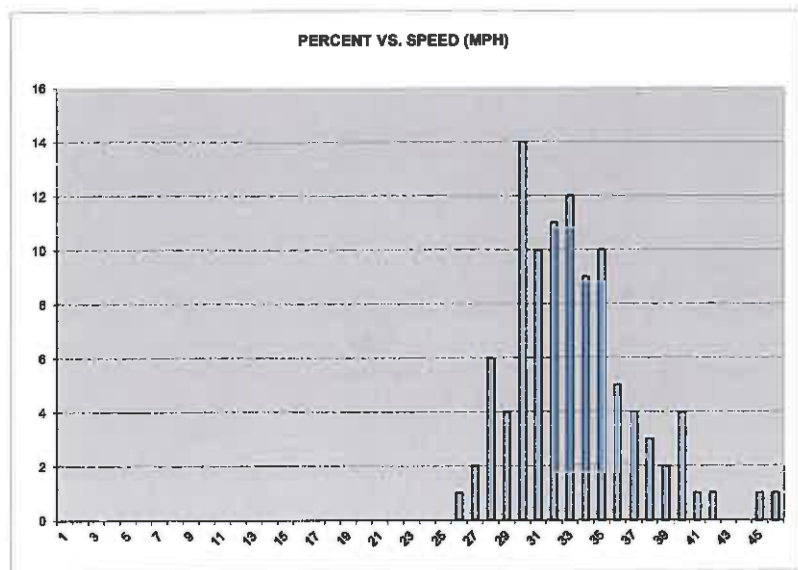
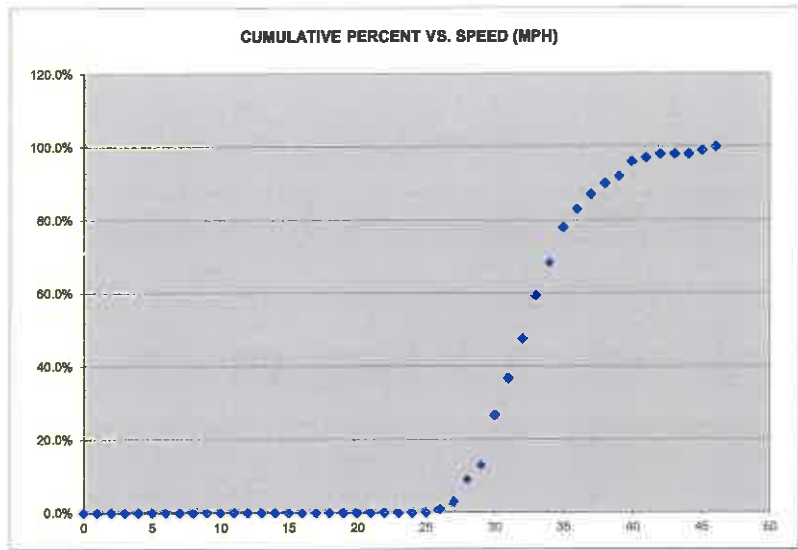
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

33	
37	
28	TO 37
84.2%	
12.9%	
3.0%	
26	TO 46
101	
33.2	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	0	0.0%	0.0%
22	0	0.0%	0.0%
23	0	0.0%	0.0%
24	0	0.0%	0.0%
25	0	0.0%	0.0%
26	1	1.0%	1.0%
27	2	2.0%	3.0%
28	6	5.9%	8.9%
29	4	4.0%	12.9%
30	14	13.9%	26.7%
31	10	9.9%	36.6%
32	11	10.9%	47.5%
33	12	11.9%	59.4%
34	9	8.9%	68.3%
35	10	9.9%	78.2%
36	5	5.0%	83.2%
37	4	4.0%	87.1%
38	3	3.0%	90.1%
39	2	2.0%	92.1%
40	4	4.0%	96.0%
41	1	1.0%	97.0%
42	1	1.0%	98.0%
43	0	0.0%	98.0%
44	0	0.0%	98.0%
45	1	1.0%	99.0%
46	1	1.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Morrissey Blvd. (NB)

Limits: North-bound Water St. & Fairmount Ave.

City General Plan Roadway Classification: Arterial

Width: 30-feet (each direction)

Critical Speed (85th percentile): 37 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 6 total, 6 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#41B MORRISSEY (WATER-FAIRMONT) NB
5/25/2016
11:00 AM
30

DATE

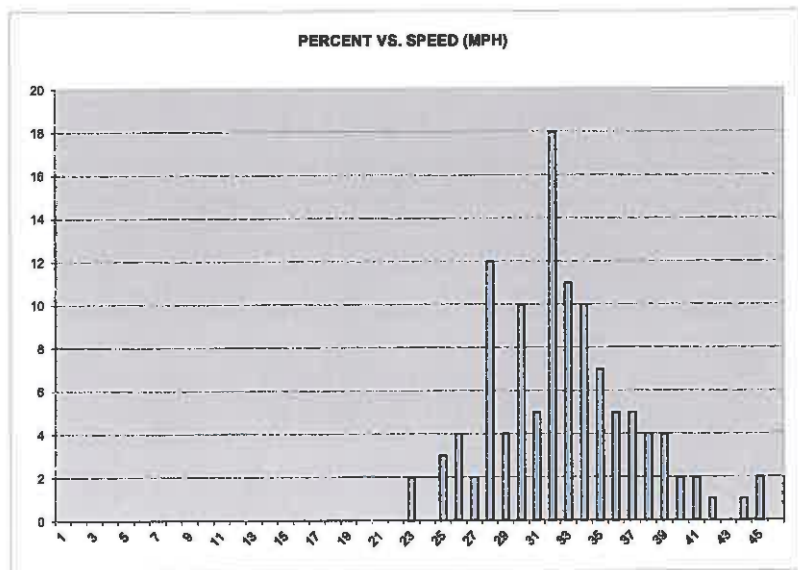
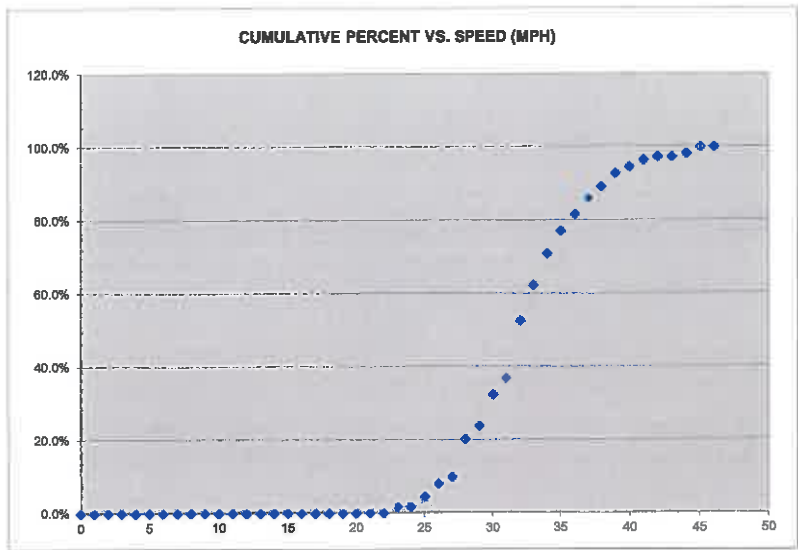
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

32	
37	
28	TO 37
76.3%	
14.0%	
9.6%	
23	TO 45
114	
32.6	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	0	0.0%	0.0%
22	0	0.0%	0.0%
23	2	1.8%	1.8%
24	0	0.0%	1.8%
25	3	2.6%	4.4%
26	4	3.5%	7.9%
27	2	1.8%	9.6%
28	12	10.5%	20.2%
29	4	3.5%	23.7%
30	10	8.8%	32.5%
31	5	4.4%	36.8%
32	18	15.8%	52.6%
33	11	9.6%	62.3%
34	10	8.8%	71.1%
35	7	6.1%	77.2%
36	5	4.4%	81.6%
37	5	4.4%	86.0%
38	4	3.5%	89.5%
39	4	3.5%	93.0%
40	2	1.8%	94.7%
41	2	1.8%	96.5%
42	1	0.9%	97.4%
43	0	0.0%	97.4%
44	1	0.9%	98.2%
45	2	1.8%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Morrissey Blvd.

Limits: Pacheco Ave. & Prospect Heights

City General Plan Roadway Classification: Collector

Width: 40-feet

Critical Speed (85th percentile): 36 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 4 total, 2 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider

Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#42 MORRISSEY (PACHECO-
PROSPECT HEIGHT) EB & WB
5/25/2016
11:00 AM
30

DATE

TIME

POSTED SPEED LIMIT

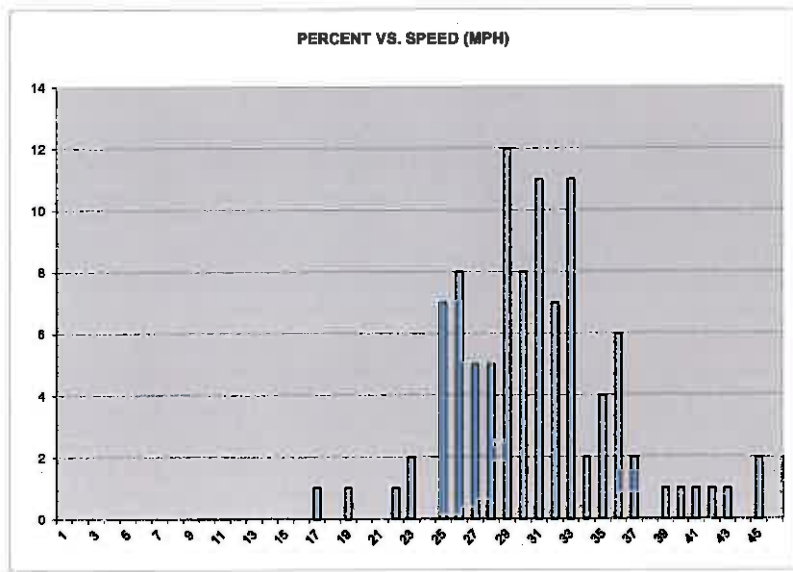
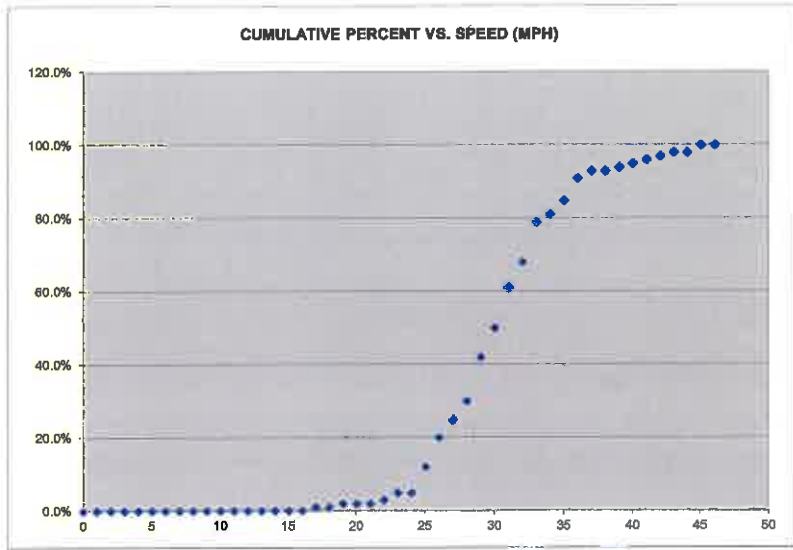
50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

31
36
25
76.0%
19.0%
5.0%
17
100
30.7

TO 34

TO 45

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	1	1.0%	1.0%
18	0	0.0%	1.0%
19	1	1.0%	2.0%
20	0	0.0%	2.0%
21	0	0.0%	2.0%
22	1	1.0%	3.0%
23	2	2.0%	5.0%
24	0	0.0%	5.0%
25	7	7.0%	12.0%
26	8	8.0%	20.0%
27	5	5.0%	25.0%
28	5	5.0%	30.0%
29	12	12.0%	42.0%
30	8	8.0%	50.0%
31	11	11.0%	61.0%
32	7	7.0%	68.0%
33	11	11.0%	79.0%
34	2	2.0%	81.0%
35	4	4.0%	85.0%
36	6	6.0%	91.0%
37	2	2.0%	93.0%
38	0	0.0%	93.0%
39	1	1.0%	94.0%
40	1	1.0%	95.0%
41	1	1.0%	96.0%
42	1	1.0%	97.0%
43	1	1.0%	98.0%
44	0	0.0%	98.0%
45	2	2.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Municipal Wharf.

Limits: Beach St. & End

City General Plan Roadway Classification: Collector

Width: 27-feet

Critical Speed (85th percentile): 18 mph

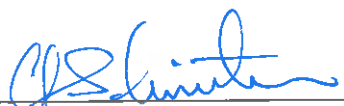
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 16 total, 3 injury

Adjacent Land Use: Business

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **15 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/13

Vehicle Speed Survey Sheet

DIRECTIONS

#43 MUNICIPAL WHARF
11/7/2016
2:30 PM
15

DATE

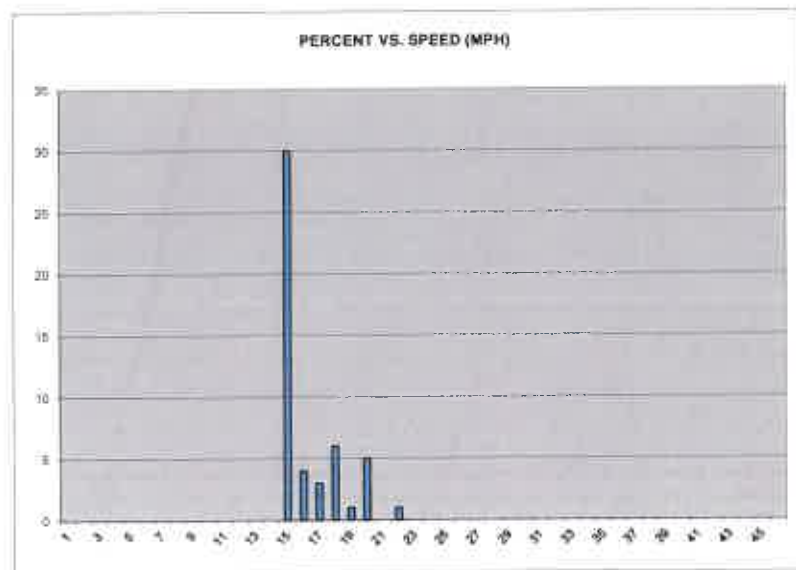
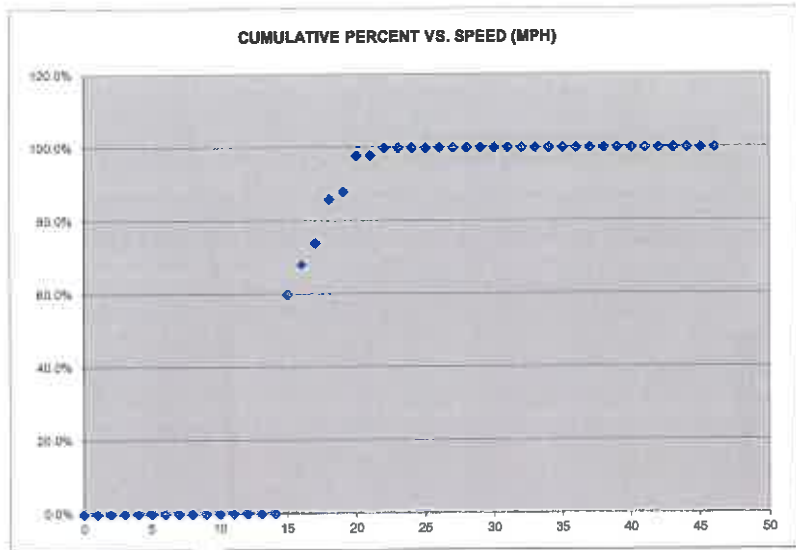
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

15	
18	
13	TO 22
100.0%	
0.0%	
0.0%	
15	TO 22
50	
16.3	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	30	60.0%	60.0%
16	4	8.0%	68.0%
17	3	6.0%	74.0%
18	6	12.0%	86.0%
19	1	2.0%	88.0%
20	5	10.0%	98.0%
21	0	0.0%	98.0%
22	1	2.0%	100.0%
23	0	0.0%	100.0%
24	0	0.0%	100.0%
25	0	0.0%	100.0%
26	0	0.0%	100.0%
27	0	0.0%	100.0%
28	0	0.0%	100.0%
29	0	0.0%	100.0%
30	0	0.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Murray St.

Limits: East Cliff Dr. to East City Limit

City General Plan Roadway Classification: Arterial

Width: Varies 25-40-feet

Critical Speed (85th percentile): 32 mph

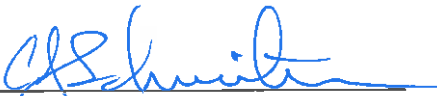
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 17 total, 10 injury

Adjacent Land Use: Primarily residential, business

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/10

Vehicle Speed Survey Sheet

DIRECTIONS

#44 MURRAY (EAST CLIFF DR-
EAST CITY LIMIT) EB & WB
12/14/2016
4:00 PM
(no sign) 25

DATE

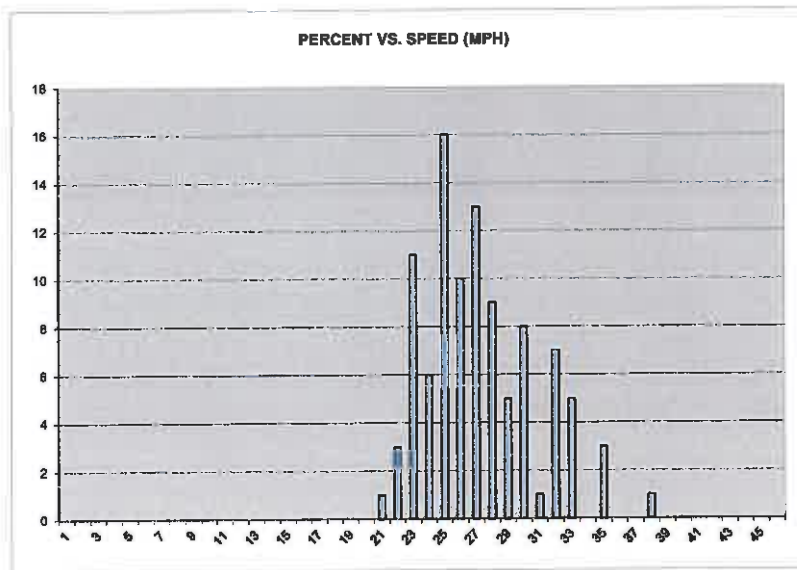
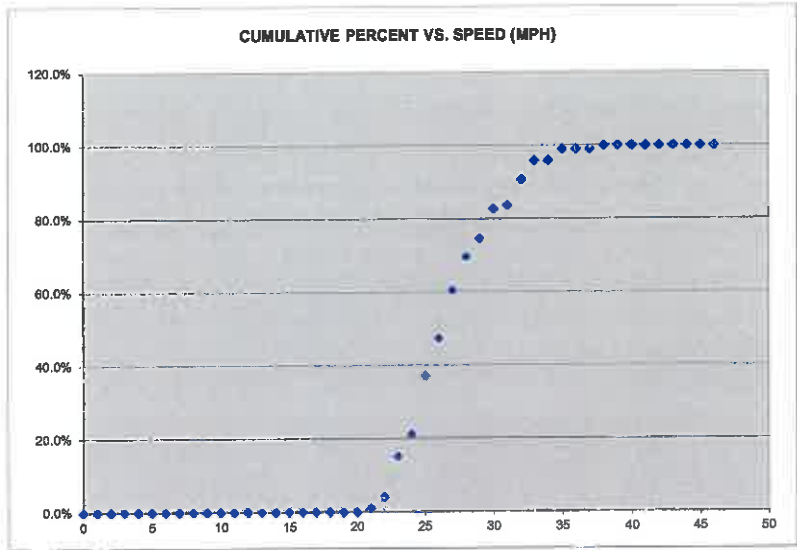
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

27
32
23
TO 32
86.9%
9.1%
4.0%
21
TO 38
99
27.2

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	1	1.0%	1.0%
22	3	3.0%	4.0%
23	11	11.1%	15.2%
24	6	6.1%	21.2%
25	16	16.2%	37.4%
26	10	10.1%	47.5%
27	13	13.1%	60.6%
28	9	9.1%	69.7%
29	5	5.1%	74.7%
30	8	8.1%	82.8%
31	1	1.0%	83.8%
32	7	7.1%	90.9%
33	5	5.1%	96.0%
34	0	0.0%	96.0%
35	3	3.0%	99.0%
36	0	0.0%	99.0%
37	0	0.0%	99.0%
38	1	1.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Natural Bridges Blvd.

Limits: Mission St. & Delaware Ave.

City General Plan Roadway Classification: Collector

Width: 48-feet

Critical Speed (85th percentile): 34 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 5 total, 2 injury

Adjacent Land Use: Business

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#45 NATURAL BRIDGES
(MISSION-DELAWARE) NB &
SB

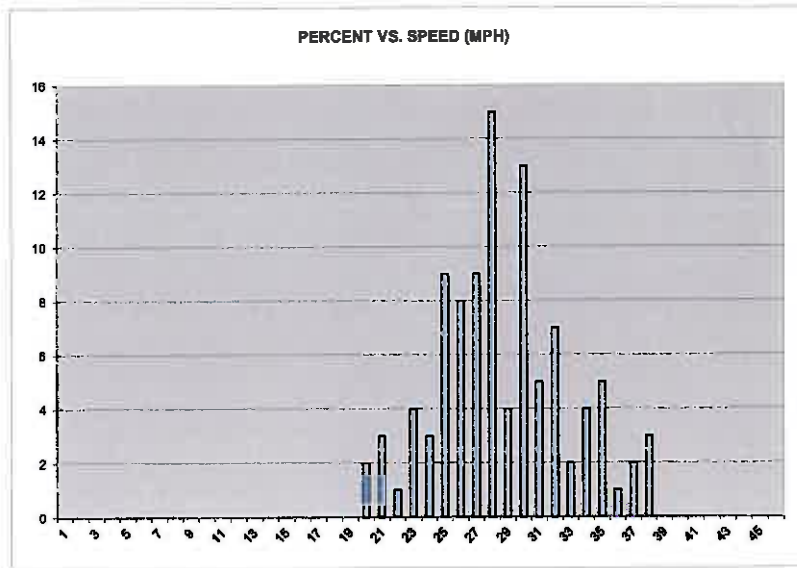
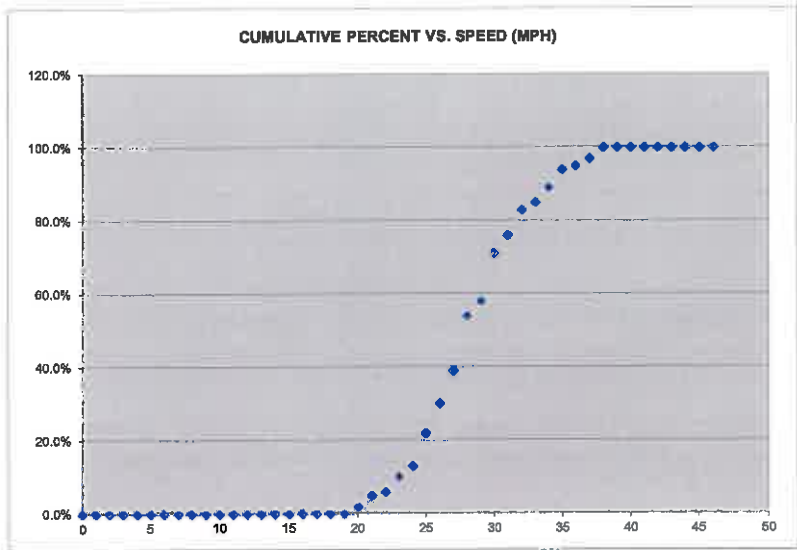
50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

28
34
23
77.0%
17.0%
6.0%
20
38
100
28.7

DATE
TIME
POSTED SPEED LIMIT

9/27/2016
9:45 AM
30

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	2	2.0%	2.0%
21	3	3.0%	5.0%
22	1	1.0%	6.0%
23	4	4.0%	10.0%
24	3	3.0%	13.0%
25	9	9.0%	22.0%
26	8	8.0%	30.0%
27	9	9.0%	39.0%
28	15	15.0%	54.0%
29	4	4.0%	58.0%
30	13	13.0%	71.0%
31	5	5.0%	76.0%
32	7	7.0%	83.0%
33	2	2.0%	85.0%
34	4	4.0%	89.0%
35	5	5.0%	94.0%
36	1	1.0%	95.0%
37	2	2.0%	97.0%
38	3	3.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Nobel Dr.

Limits: Meder St. & Bay St.

City General Plan Roadway Classification: Collector

Width: 50-feet

Critical Speed (85th percentile): 24 mph.

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 19 total, 2 injury

Adjacent Land Use: Residential

Speed reduction justification: None required

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#145 NOBEL DR. (MEDER-BAY) NB & SB
 11/29/2017
 2:40 PM
 25

DATE

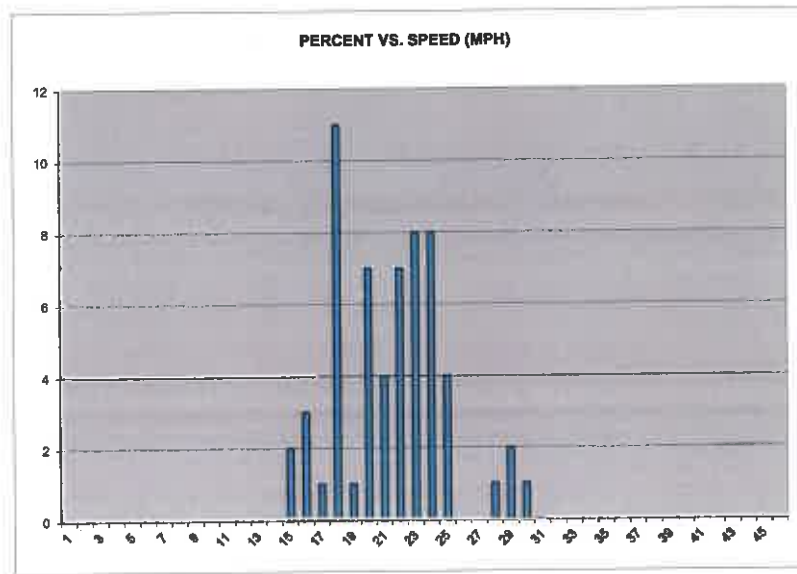
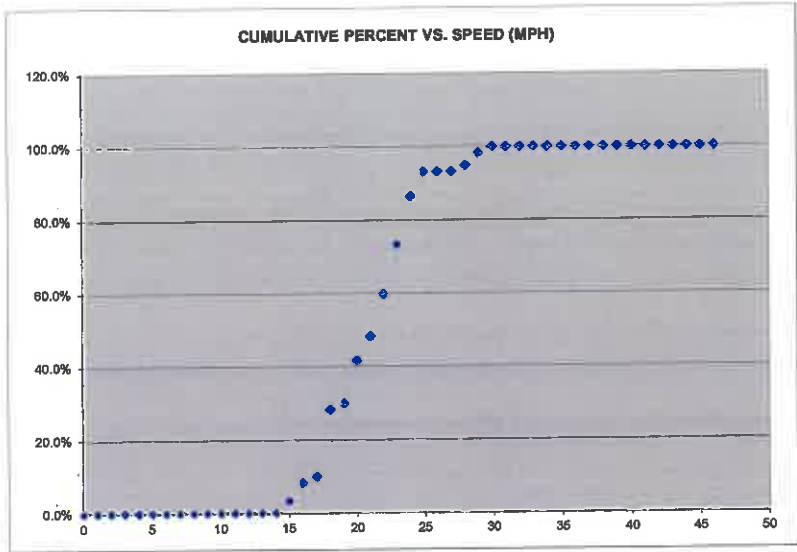
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

22	
24	
16	TO 25
90.0%	
6.7%	
3.3%	
15	TO 30
60	
21.4	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	2	3.3%	3.3%
16	3	5.0%	8.3%
17	1	1.7%	10.0%
18	11	18.3%	28.3%
19	1	1.7%	30.0%
20	7	11.7%	41.7%
21	4	6.7%	48.3%
22	7	11.7%	60.0%
23	8	13.3%	73.3%
24	8	13.3%	86.7%
25	4	6.7%	93.3%
26	0	0.0%	93.3%
27	0	0.0%	93.3%
28	1	1.7%	95.0%
29	2	3.3%	98.3%
30	1	1.7%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Ocean St.

Limits: Broadway to East Cliff Dr.

City General Plan Roadway Classification: Arterial

Width: 44-feet

Critical Speed (85th percentile): 28 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 30 total, 19 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#46 OCEAN (BROADWAY-
EAST CLIFF) NB & SB
5/19/2016
11:10 AM
25

DATE

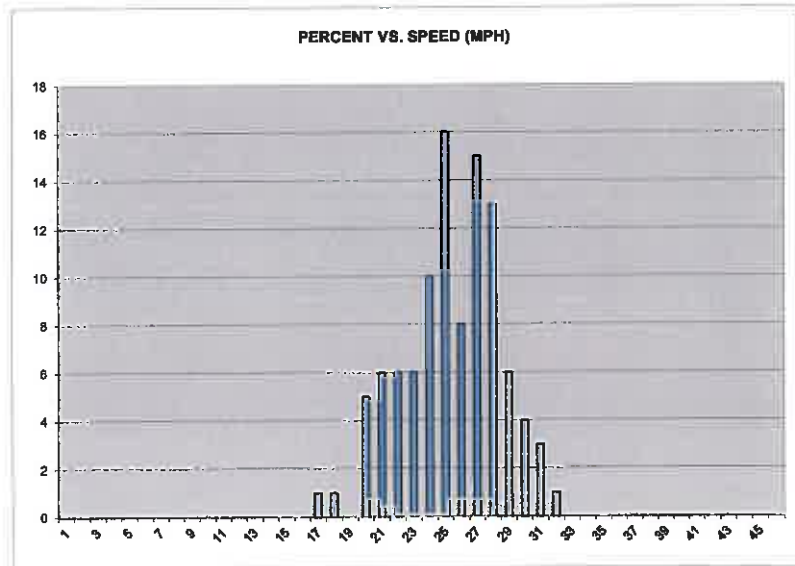
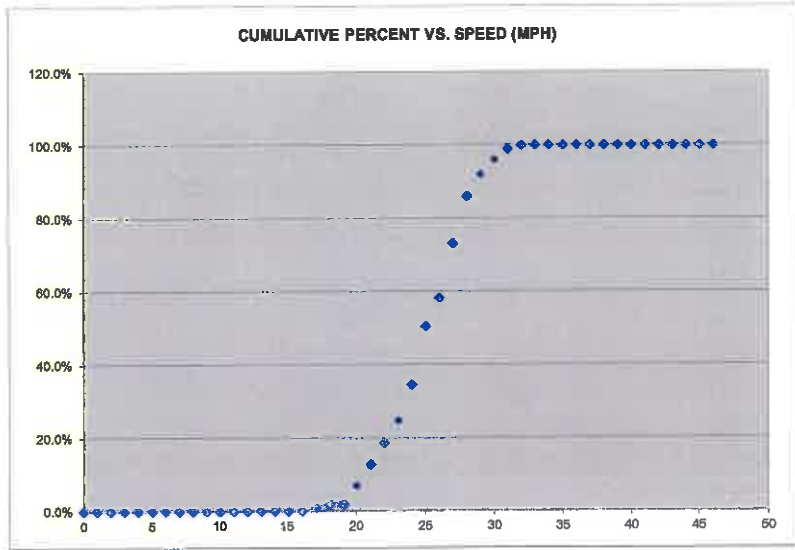
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

25	
28	
20	TO 29
90.1%	
7.9%	
2.0%	
17	TO 32
101	
25.4	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	1	1.0%	1.0%
18	1	1.0%	2.0%
19	0	0.0%	2.0%
20	5	5.0%	6.9%
21	6	5.9%	12.9%
22	6	5.9%	18.8%
23	6	5.9%	24.8%
24	10	9.9%	34.7%
25	16	15.8%	50.5%
26	8	7.9%	58.4%
27	15	14.9%	73.3%
28	13	12.9%	86.1%
29	6	5.9%	92.1%
30	4	4.0%	96.0%
31	3	3.0%	99.0%
32	1	1.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Ocean St.

Limits: Broadway to Plymouth (Northbound)

City General Plan Roadway Classification: Arterial

Width: 80-feet (both directions)

Critical Speed (85th percentile): 35 mph

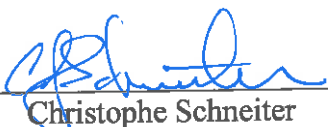
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 129 total, 42 injury (NB & SB)

Adjacent Land Use: Business

Speed reduction justification: CA MUTCD 2B-13 Segment meets business density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#47A OCEAN (BROADWAY-
WATER) NB
5/31/2016
11:32 AM
30

DATE

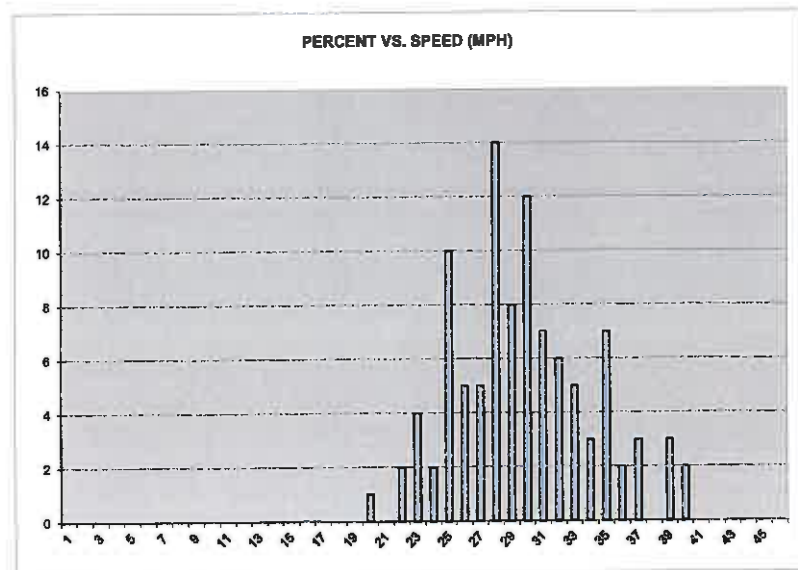
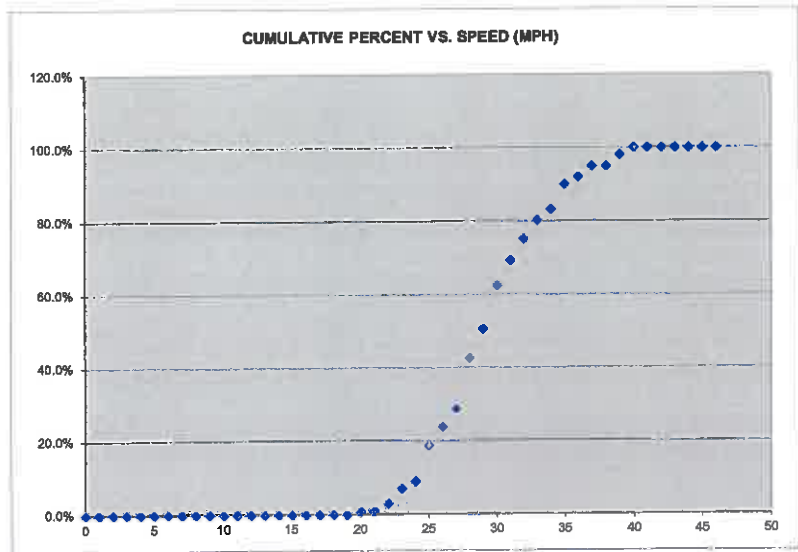
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

29	
35	
25	TO 34
74.3%	
16.8%	
8.9%	
20	TO 40
101	
29.7	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	1	1.0%	1.0%
21	0	0.0%	1.0%
22	2	2.0%	3.0%
23	4	4.0%	6.9%
24	2	2.0%	8.9%
25	10	9.9%	18.8%
26	5	5.0%	23.8%
27	5	5.0%	28.7%
28	14	13.9%	42.6%
29	8	7.9%	50.5%
30	12	11.9%	62.4%
31	7	6.9%	69.3%
32	6	5.9%	75.2%
33	5	5.0%	80.2%
34	3	3.0%	83.2%
35	7	6.9%	90.1%
36	2	2.0%	92.1%
37	3	3.0%	95.0%
38	0	0.0%	95.0%
39	3	3.0%	98.0%
40	2	2.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%



Vehicle Speed Survey Sheet

DIRECTIONS

#48a OCEAN (Plymouth-Water)
NB
DATE 4/21/2016
TIME 2:45 PM
POSTED SPEED LIMIT 30

DATE

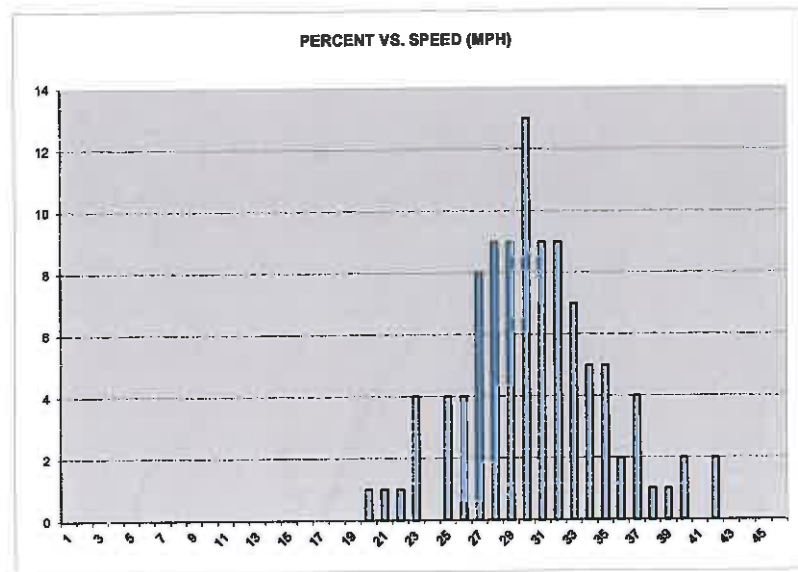
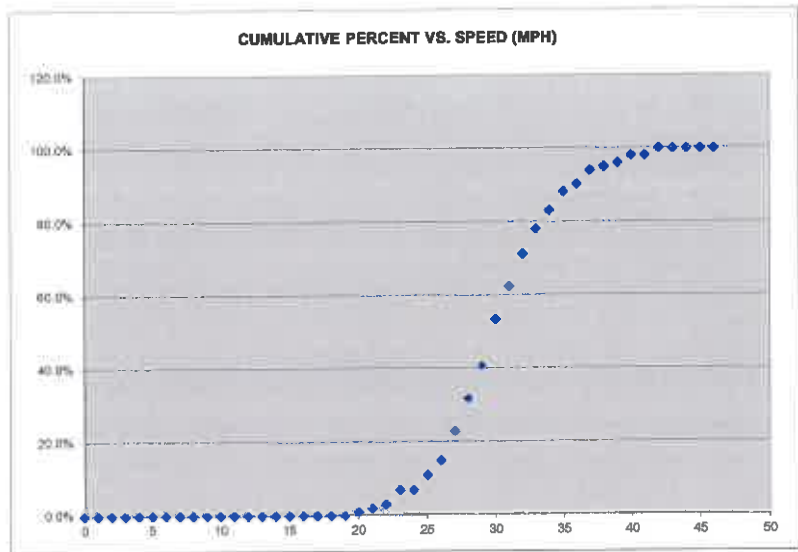
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

30	
35	
26	TO 35
77.2%	
11.9%	
10.9%	
20	TO 42
101	
30.5	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	1	1.0%	1.0%
21	1	1.0%	2.0%
22	1	1.0%	3.0%
23	4	4.0%	6.9%
24	0	0.0%	6.9%
25	4	4.0%	10.9%
26	4	4.0%	14.9%
27	8	7.9%	22.8%
28	9	8.9%	31.7%
29	9	8.9%	40.6%
30	13	12.9%	53.5%
31	9	8.9%	62.4%
32	9	8.9%	71.3%
33	7	6.9%	78.2%
34	5	5.0%	83.2%
35	5	5.0%	88.1%
36	2	2.0%	90.1%
37	4	4.0%	94.1%
38	1	1.0%	95.0%
39	1	1.0%	96.0%
40	2	2.0%	98.0%
41	0	0.0%	98.0%
42	2	2.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Ocean St.

Limits: Broadway to Plymouth (Southbound)

City General Plan Roadway Classification: Arterial

Width: 80-feet (both directions)

Critical Speed (85th percentile): 33 mph

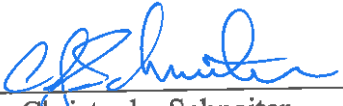
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 129 total, 42 injury (NB & SB)

Adjacent Land Use: Business

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#47B OCEAN (BROADWAY- WATER) SB
DATE 11/2/2016
TIME 10:45 AM
POSTED SPEED LIMIT 30

DATE

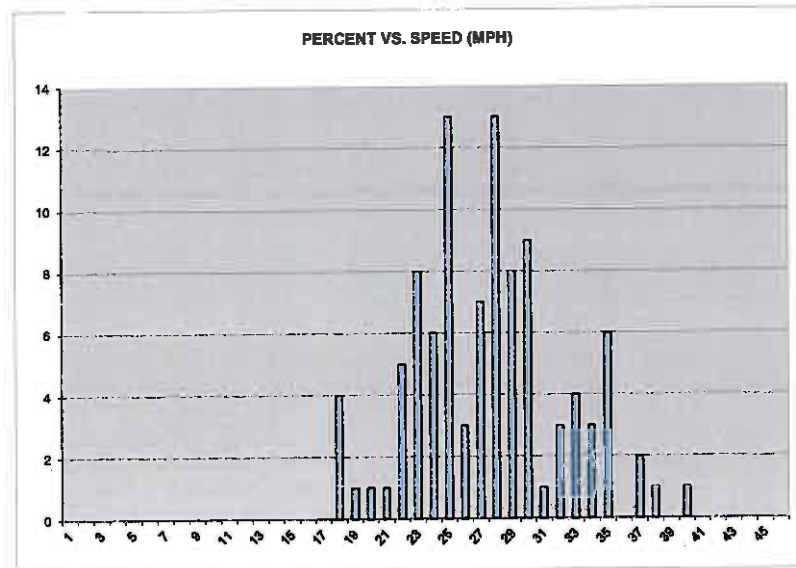
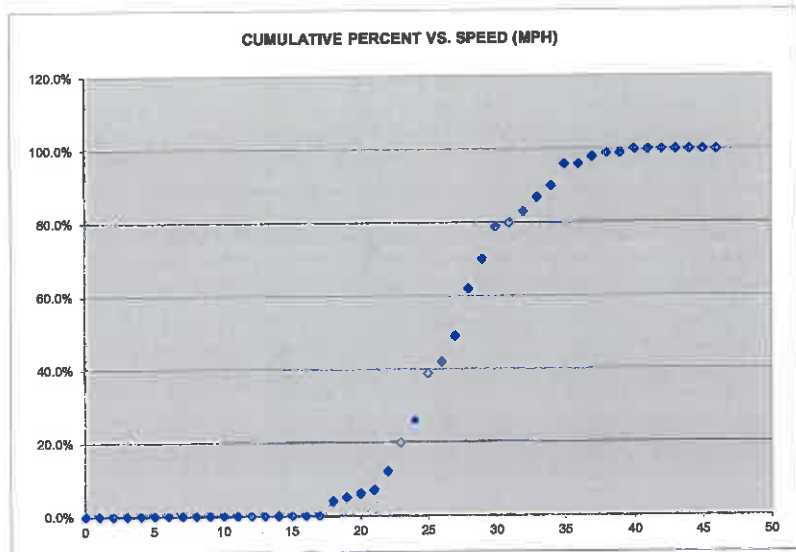
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

28	
33	
21	TO 30
73.0%	
21.0%	
6.0%	
18	TO 40
100	
27.5	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	4	4.0%	4.0%
19	1	1.0%	5.0%
20	1	1.0%	6.0%
21	1	1.0%	7.0%
22	5	5.0%	12.0%
23	8	8.0%	20.0%
24	6	6.0%	26.0%
25	13	13.0%	39.0%
26	3	3.0%	42.0%
27	7	7.0%	49.0%
28	13	13.0%	62.0%
29	8	8.0%	70.0%
30	9	9.0%	79.0%
31	1	1.0%	80.0%
32	3	3.0%	83.0%
33	4	4.0%	87.0%
34	3	3.0%	90.0%
35	6	6.0%	96.0%
36	0	0.0%	96.0%
37	2	2.0%	98.0%
38	1	1.0%	99.0%
39	0	0.0%	99.0%
40	1	1.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%



Vehicle Speed Survey Sheet

DIRECTIONS

#48B OCEAN (PLYMOUTH-WATER) SB
 DATE 4/21/2016
 TIME 2:23 PM
 POSTED SPEED LIMIT 30

DATE

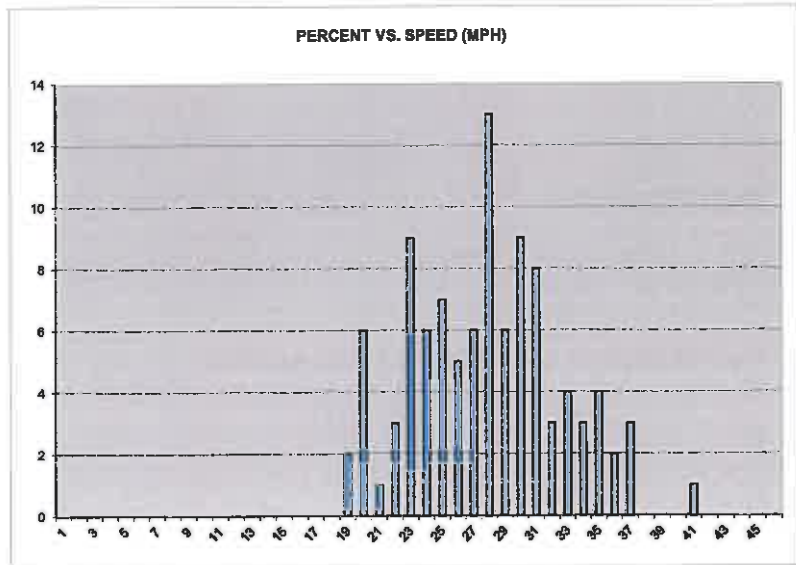
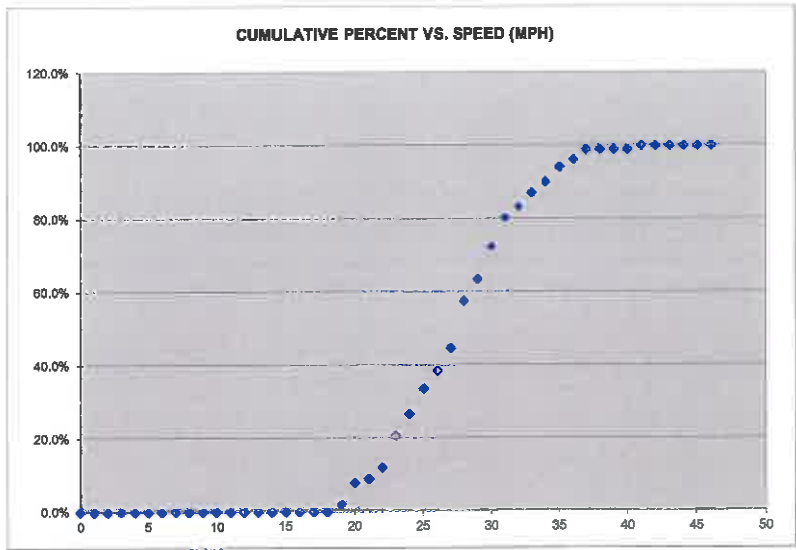
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED 28
 85TH PERCENTILE SPEED 33
 10 MPH PACE SPEED 22 TO 31
 PERCENT IN PACE SPEED 71.3%
 PERCENT OVER PACE SPEED 19.8%
 PERCENT UNDER PACE SPEED 8.9%
 RANGE OF SPEEDS 19 TO 41
 VEHICLES OBSERVED 101
 AVERAGE SPEED 27.9

28
33
22
TO 31
71.3%
19.8%
8.9%
19
TO 41
101
27.9

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	2	2.0%	2.0%
20	6	5.9%	7.9%
21	1	1.0%	8.9%
22	3	3.0%	11.9%
23	9	8.9%	20.8%
24	6	5.9%	26.7%
25	7	6.9%	33.7%
26	5	5.0%	38.6%
27	6	5.9%	44.6%
28	13	12.9%	57.4%
29	6	5.9%	63.4%
30	9	8.9%	72.3%
31	8	7.9%	80.2%
32	3	3.0%	83.2%
33	4	4.0%	87.1%
34	3	3.0%	90.1%
35	4	4.0%	94.1%
36	2	2.0%	96.0%
37	3	3.0%	99.0%
38	0	0.0%	99.0%
39	0	0.0%	99.0%
40	0	0.0%	99.0%
41	1	1.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Ocean St.

Limits: Felker to Graham Hill Rd.

City General Plan Roadway Classification: Arterial

Width: 35-feet

Critical Speed (85th percentile): 36 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 18 total, 5 injury

Adjacent Land Use: Primarily residential; cemetery

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#49 OCEAN STREET (FELKER-
GRAHAM HILL) EB & WB
10/19/2015
2:00 PM
30

DATE

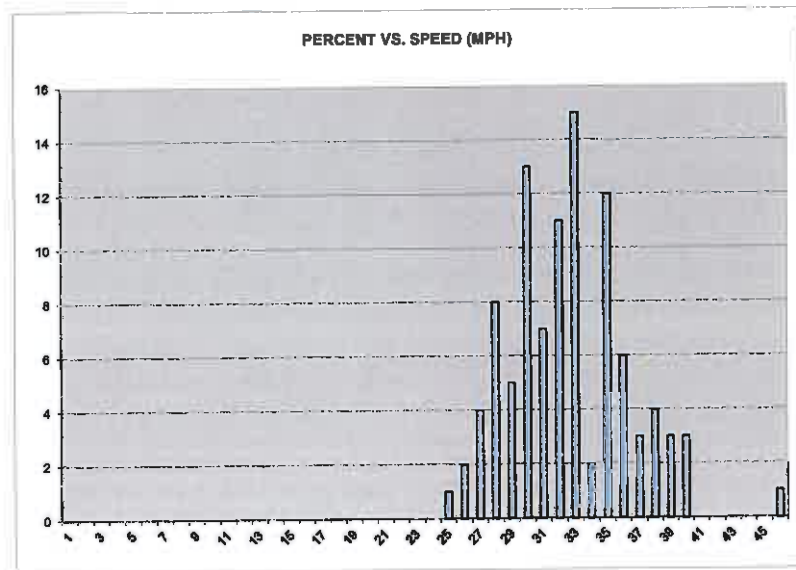
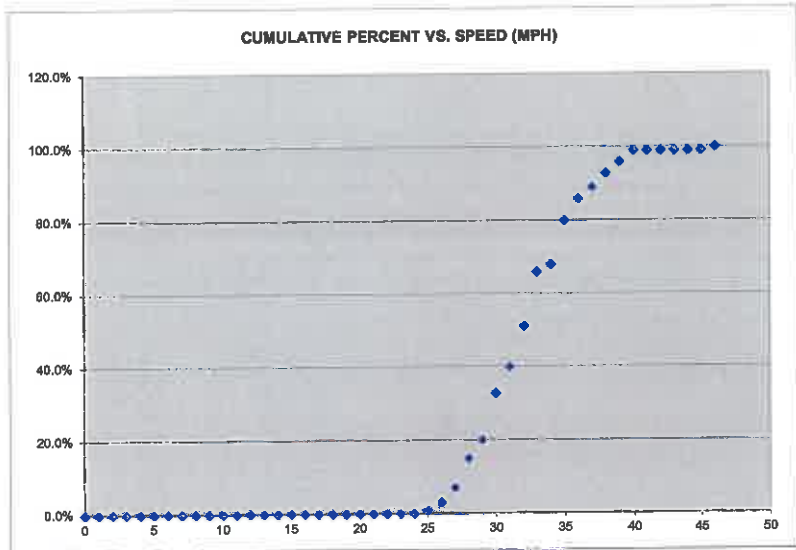
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

32	
36	
27	TO 36
83.0%	
14.0%	
3.0%	
25	TO 46
100	
32.6	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	0	0.0%	0.0%
22	0	0.0%	0.0%
23	0	0.0%	0.0%
24	0	0.0%	0.0%
25	1	1.0%	1.0%
26	2	2.0%	3.0%
27	4	4.0%	7.0%
28	8	8.0%	15.0%
29	5	5.0%	20.0%
30	13	13.0%	33.0%
31	7	7.0%	40.0%
32	11	11.0%	51.0%
33	15	15.0%	66.0%
34	2	2.0%	68.0%
35	12	12.0%	80.0%
36	6	6.0%	86.0%
37	3	3.0%	89.0%
38	4	4.0%	93.0%
39	3	3.0%	96.0%
40	3	3.0%	99.0%
41	0	0.0%	99.0%
42	0	0.0%	99.0%
43	0	0.0%	99.0%
44	0	0.0%	99.0%
45	0	0.0%	99.0%
46	1	1.0%	100.0%





PUBLIC WORKS DEPARTMENT
Transportation Division

Street: Pacheco Ave

Limits: Rooney St. & Prospect Heights

City General Plan Roadway Classification: Collector

Width: 36-feet

Critical Speed (85th percentile): 36 mph


Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 2 total, 0 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#147 PACHECO AV. (ROONEY-

PROSPECT HTS) NB & SB

DATE

11/6/2017

TIME

10:45 AM

POSTED SPEED LIMIT

25

50TH PERCENTILE SPEED

23

85TH PERCENTILE SPEED

28

10 MPH PACE SPEED

19

TO 28

PERCENT IN PACE SPEED

81.7%

PERCENT OVER PACE SPEED

1.7%

PERCENT UNDER PACE SPEED

16.7%

RANGE OF SPEEDS

15

TO 30

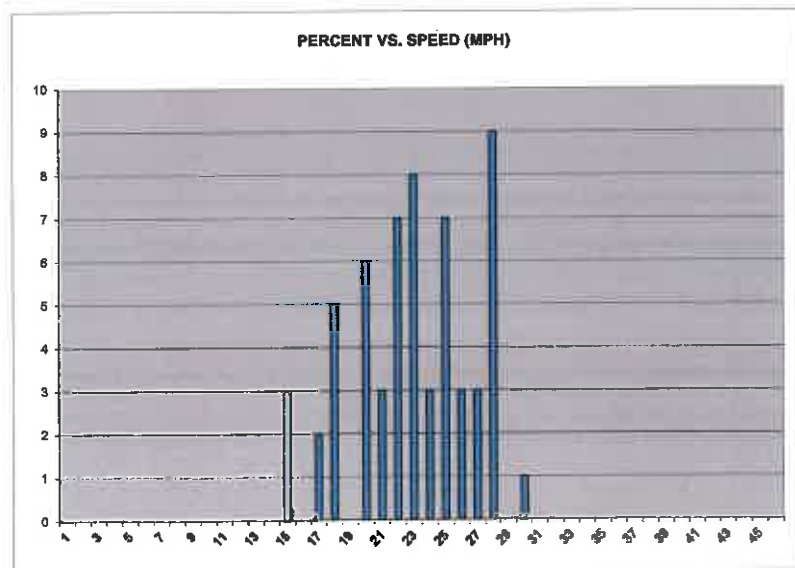
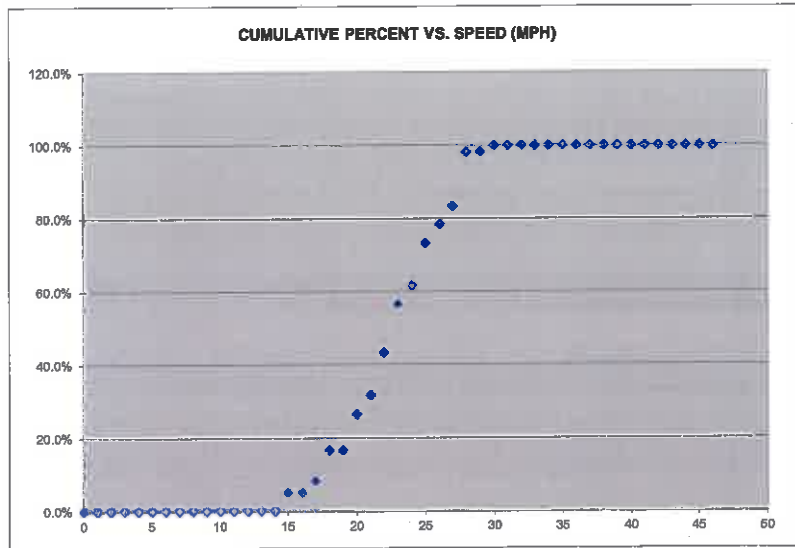
VEHICLES OBSERVED

60

AVERAGE SPEED

23.0

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	3	5.0%	5.0%
16	0	0.0%	5.0%
17	2	3.3%	8.3%
18	5	8.3%	16.7%
19	0	0.0%	16.7%
20	6	10.0%	26.7%
21	3	5.0%	31.7%
22	7	11.7%	43.3%
23	8	13.3%	56.7%
24	3	5.0%	61.7%
25	7	11.7%	73.3%
26	3	5.0%	78.3%
27	3	5.0%	83.3%
28	9	15.0%	98.3%
29	0	0.0%	98.3%
30	1	1.7%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Pacific Ave.

Limits: Beach St. to Front St (At 555 Pacific)

City General Plan Roadway Classification: Arterial

Width: 44-feet

Critical Speed (85th percentile): 28 mph

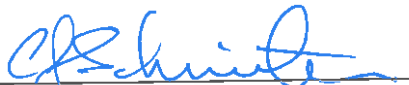
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 23 total, 11 injury

Adjacent Land Use: Business

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#50 PACIFIC (BEACH - FRONT
AT 555 PACIFIC) EB & WB
9/27/2016
10:45 AM
(no sign) 25

DATE

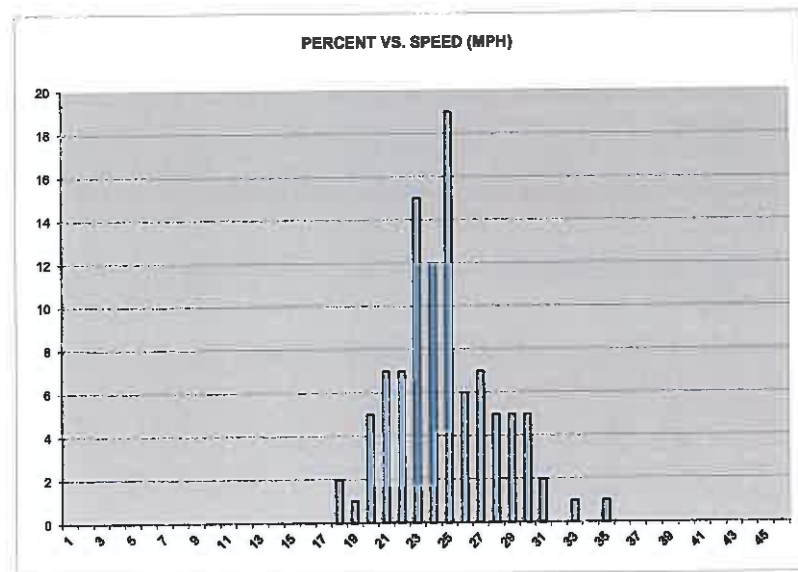
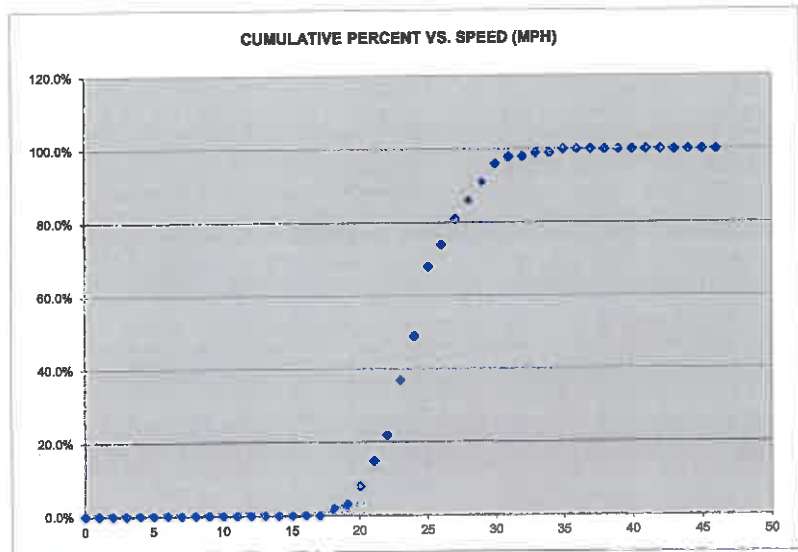
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

25	
28	
20	TO 29
88.0%	
9.0%	
3.0%	
18	TO 35
100	
24.7	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	2	2.0%	2.0%
19	1	1.0%	3.0%
20	5	5.0%	8.0%
21	7	7.0%	15.0%
22	7	7.0%	22.0%
23	15	15.0%	37.0%
24	12	12.0%	49.0%
25	19	19.0%	68.0%
26	6	6.0%	74.0%
27	7	7.0%	81.0%
28	5	5.0%	86.0%
29	5	5.0%	91.0%
30	5	5.0%	96.0%
31	2	2.0%	98.0%
32	0	0.0%	98.0%
33	1	1.0%	99.0%
34	0	0.0%	99.0%
35	1	1.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Pelton Ave.

Limits: Woodrow Ave & National St.

City General Plan Roadway Classification: Local

Width: Varies 42-54 feet

Critical Speed (85th percentile): 24 mph

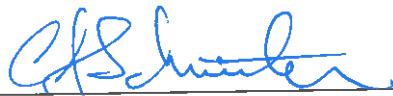
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 2 total, 0 injury

Adjacent Land Use: Residential

Speed reduction justification: None required

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#51 PELTON (WOODROW-NATIONAL) EB & WB
 7/12/2016
 10:15 AM
 25

DATE

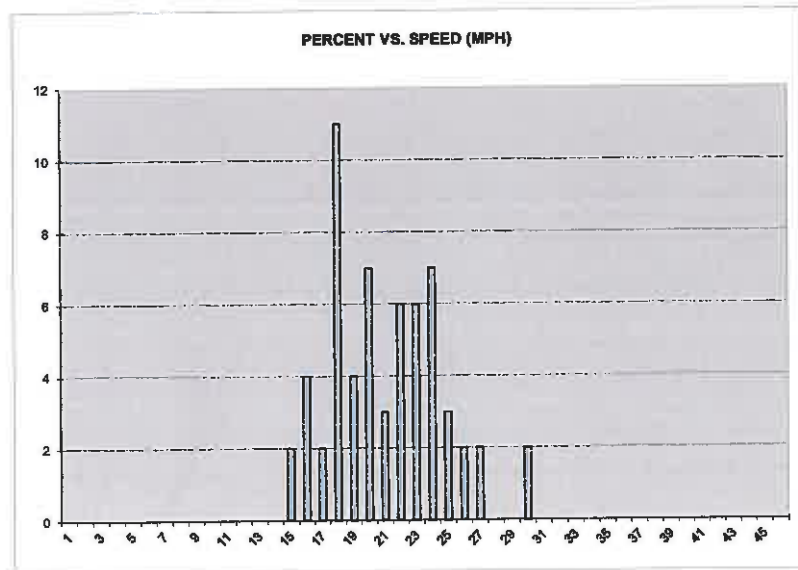
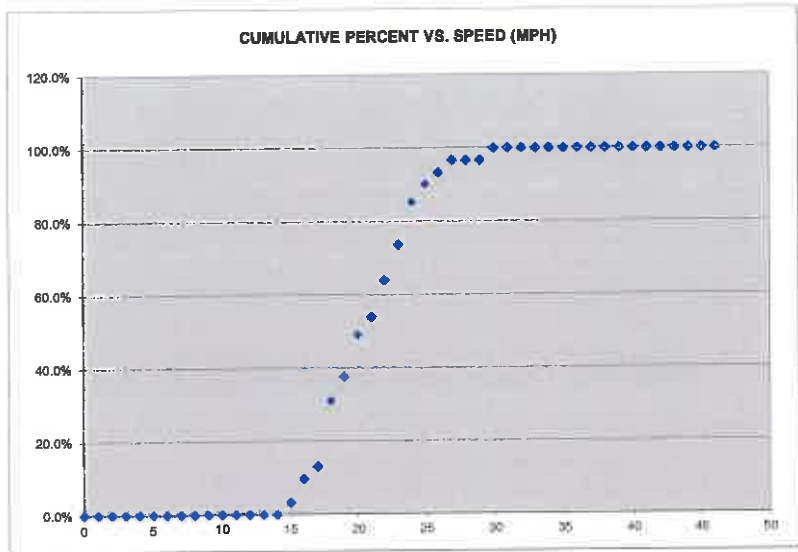
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

21	
24	
16	TO 25
86.9%	
9.8%	
3.3%	
15	TO 30
61	
21.0	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	2	3.3%	3.3%
16	4	6.6%	9.8%
17	2	3.3%	13.1%
18	11	18.0%	31.1%
19	4	6.6%	37.7%
20	7	11.5%	49.2%
21	3	4.9%	54.1%
22	6	9.8%	63.9%
23	6	9.8%	73.8%
24	7	11.5%	85.2%
25	3	4.9%	90.2%
26	2	3.3%	93.4%
27	2	3.3%	96.7%
28	0	0.0%	96.7%
29	0	0.0%	96.7%
30	2	3.3%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Pelton Ave.

Limits: National St. & West Cliff Dr.

City General Plan Roadway Classification: Local

Width: 28-feet

Critical Speed (85th percentile): 23 mph

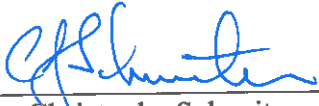
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 1 total, 0 injury

Adjacent Land Use: Primarily residential; park

Speed reduction justification: None required

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#52 PELTON (NATIONAL- WEST CLIFF) EB & WB
9/19/2016
10:03 AM
no sign 25

DATE

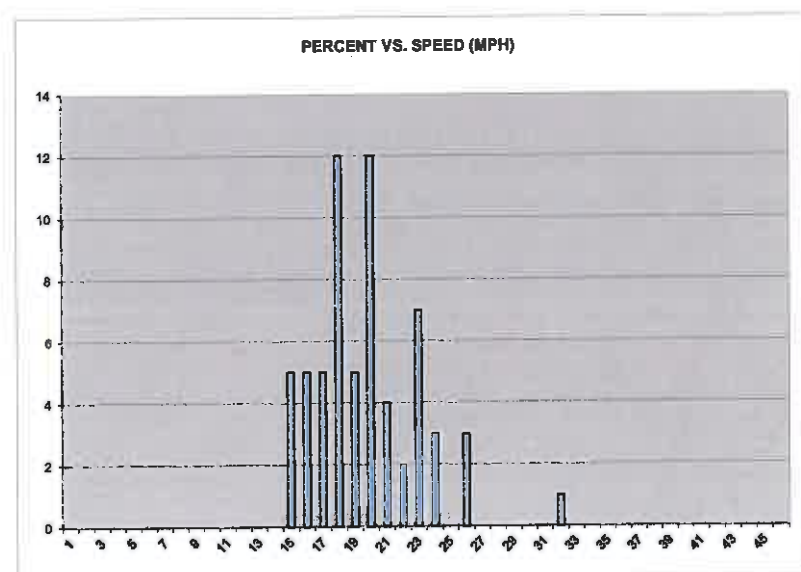
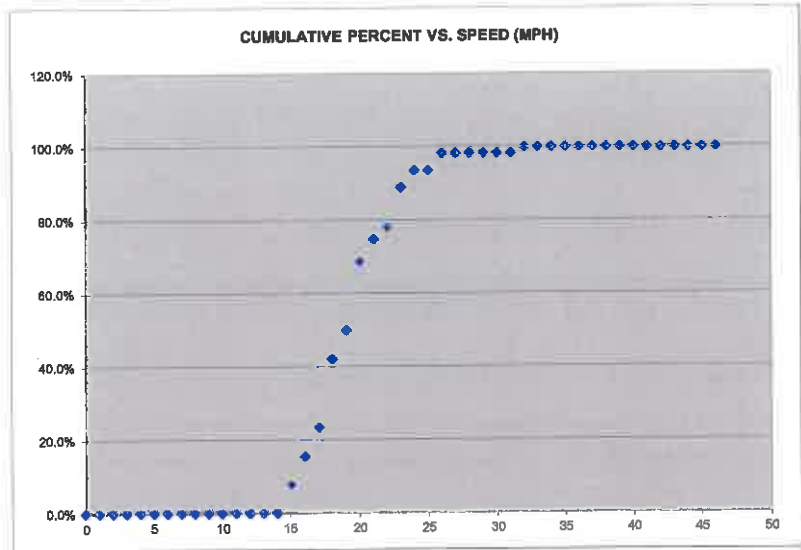
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

20	
23	
15	TO 24
93.8%	
6.3%	
0.0%	
15	TO 32
64	
19.7	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	5	7.8%	7.8%
16	5	7.8%	15.6%
17	5	7.8%	23.4%
18	12	18.8%	42.2%
19	5	7.8%	50.0%
20	12	18.8%	68.8%
21	4	6.3%	75.0%
22	2	3.1%	78.1%
23	7	10.9%	89.1%
24	3	4.7%	93.8%
25	0	0.0%	93.8%
26	3	4.7%	98.4%
27	0	0.0%	98.4%
28	0	0.0%	98.4%
29	0	0.0%	98.4%
30	0	0.0%	98.4%
31	0	0.0%	98.4%
32	1	1.8%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Pine St.

Limits: Soquel Ave. & Seabright Ave.

City General Plan Roadway Classification: Collector

Width: 36-feet

Critical Speed (85th percentile): 26 mph

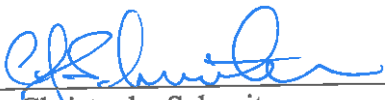
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 6 total, 2 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#149 PINE ST. (SOQUEL-
SEABRIGHT) NB & SB

1/8/2018
1:28 AM
25

DATE

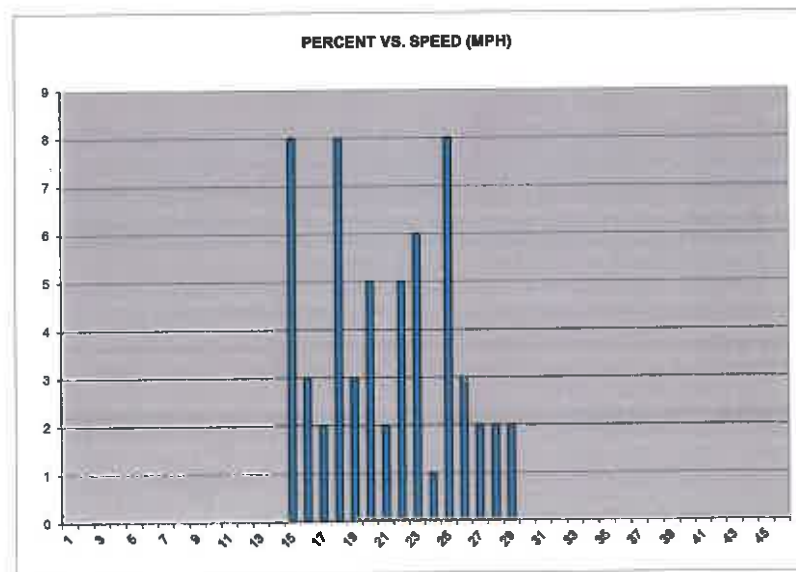
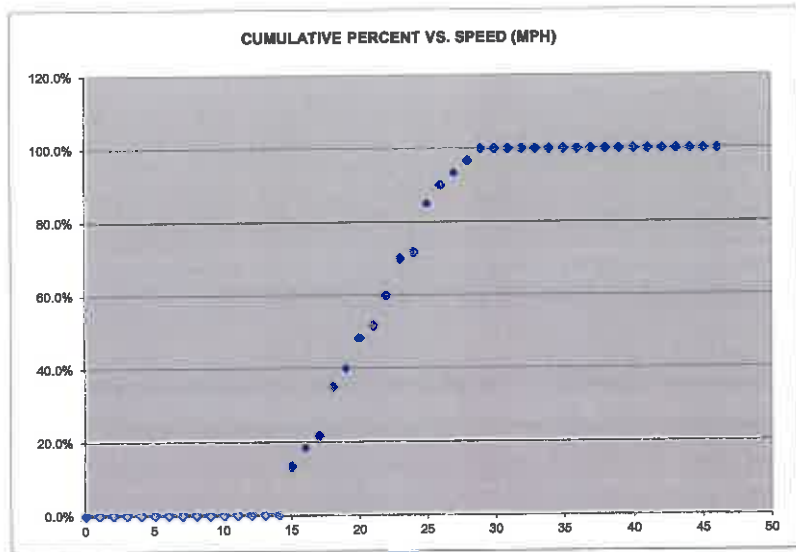
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

21	
26	
15	TO 24
71.7%	
28.3%	
0.0%	
15	TO 29
60	
21.1	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	8	13.3%	13.3%
16	3	5.0%	18.3%
17	2	3.3%	21.7%
18	8	13.3%	35.0%
19	3	5.0%	40.0%
20	5	8.3%	48.3%
21	2	3.3%	51.7%
22	5	8.3%	60.0%
23	6	10.0%	70.0%
24	1	1.7%	71.7%
25	8	13.3%	85.0%
26	3	5.0%	90.0%
27	2	3.3%	93.3%
28	2	3.3%	96.7%
29	2	3.3%	100.0%
30	0	0.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Poplar Ave.

Limits: Fairmount Ave. & Water St.

City General Plan Roadway Classification: Local

Width: 47-feet

Critical Speed (85th percentile): 23 mph


Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 5 total, 2 injury

Adjacent Land Use: Primarily residential, School Zone

Speed reduction justification: None required.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#53 POPLAR (FAIRMOUNT- WATER) NB & SB
9/27/2016
10:45 AM
(no sign) 25

DATE

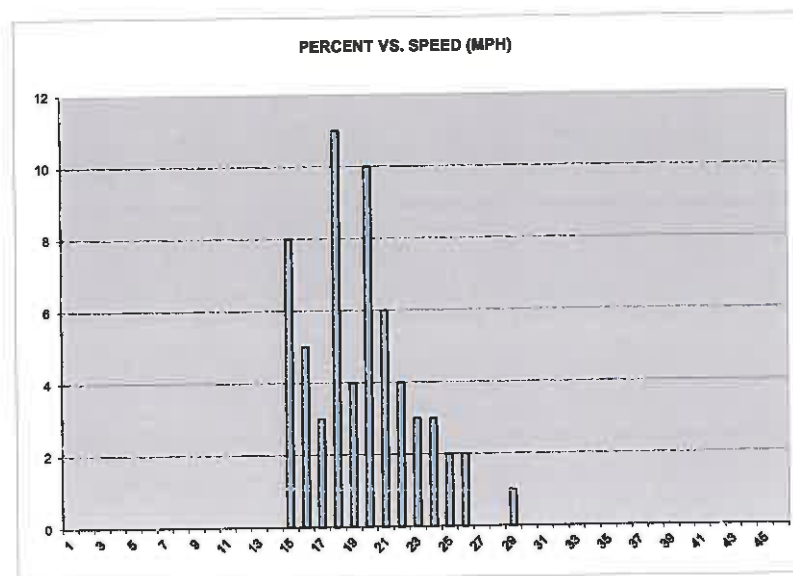
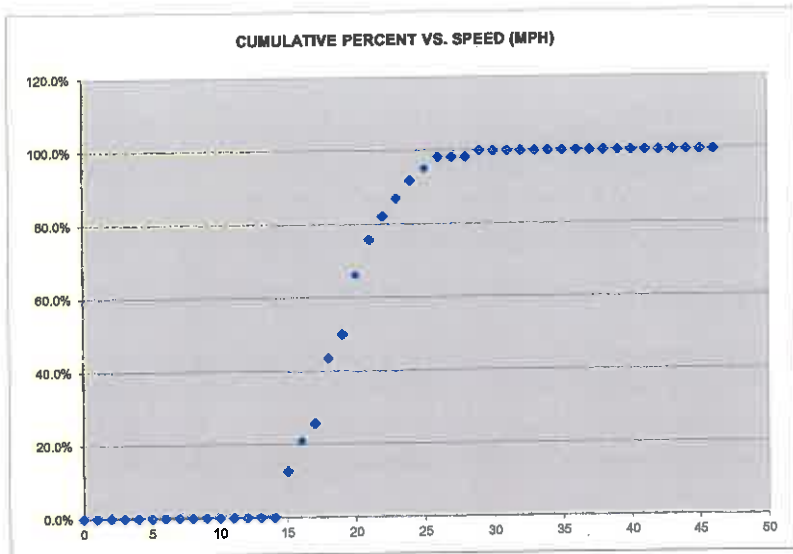
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

20	
23	
15	TO 24
91.9%	
8.1%	
0.0%	
15	TO 29
62	
19.5	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	8	12.9%	12.9%
16	5	8.1%	21.0%
17	3	4.8%	25.8%
18	11	17.7%	43.5%
19	4	6.5%	50.0%
20	10	16.1%	66.1%
21	6	9.7%	75.8%
22	4	6.5%	82.3%
23	3	4.8%	87.1%
24	3	4.8%	91.9%
25	2	3.2%	95.2%
26	2	3.2%	98.4%
27	0	0.0%	98.4%
28	0	0.0%	98.4%
29	1	1.6%	100.0%
30	0	0.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Prospect Heights

Limits: Pacheco Ave. & La Fonda Ave.

City General Plan Roadway Classification: Collector

Width: 36-feet

Critical Speed (85th percentile): 25 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 1 total, 0 injury

Adjacent Land Use: Primarily residential, School Zone

Speed reduction justification: None required.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#54 PROSPECT HEIGHTS (PACHECO-LA FONDA) EB & WB	
	6/20/2016
	11:00 AM
(no sign)	25

DATE

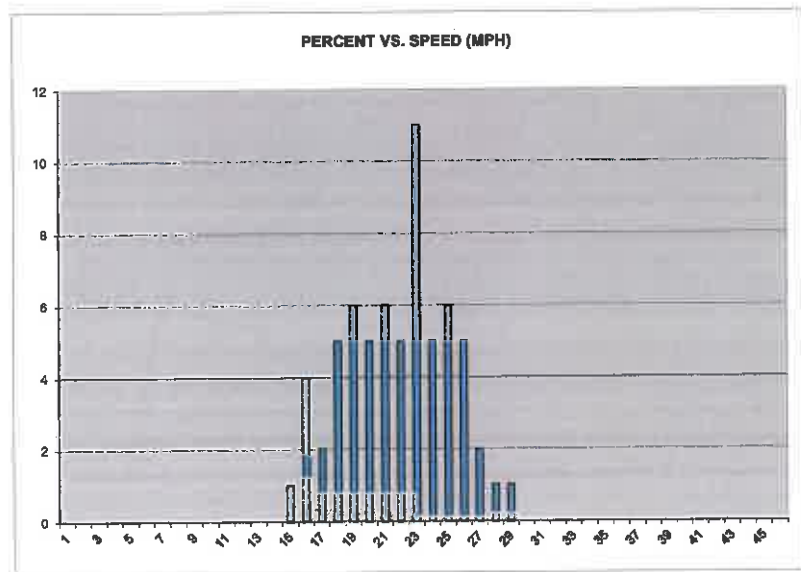
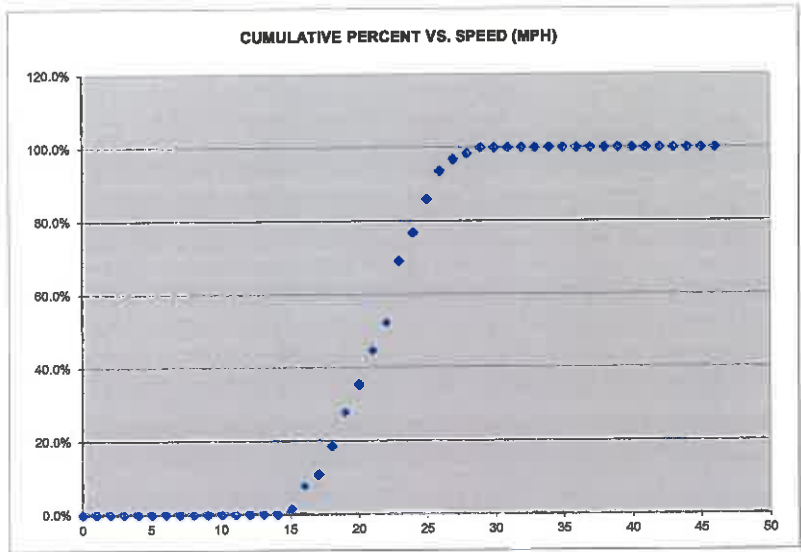
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

22	
25	
17	TO 26
86.2%	
6.2%	
7.7%	
15	TO 29
65	
21.8	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	1	1.5%	1.5%
16	4	6.2%	7.7%
17	2	3.1%	10.8%
18	5	7.7%	18.5%
19	6	9.2%	27.7%
20	5	7.7%	35.4%
21	6	9.2%	44.6%
22	5	7.7%	52.3%
23	11	16.9%	69.2%
24	5	7.7%	76.9%
25	6	9.2%	86.2%
26	5	7.7%	93.8%
27	2	3.1%	96.9%
28	1	1.5%	98.5%
29	1	1.5%	100.0%
30	0	0.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: River St.

Limits: Route 1 to Front St.

City General Plan Roadway Classification: Arterial

Width: 53-feet

Critical Speed (85th percentile): 28 mph

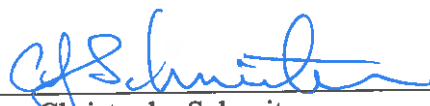
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 40 total, 24 injury

Adjacent Land Use: Business

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#55 RIVER ST. (RT. 1-FRONT)

NB & SB

DATE

2/26/2016

TIME

10:58 PM

POSTED SPEED LIMIT

SIGN-25

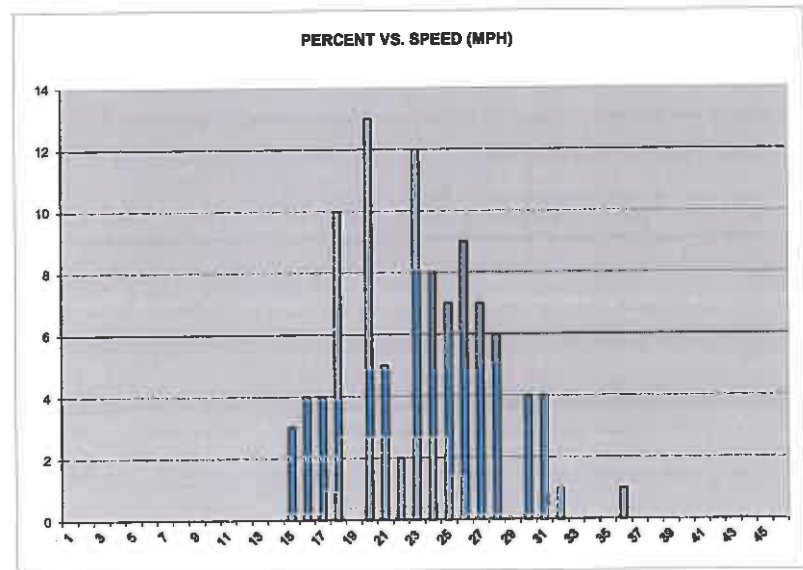
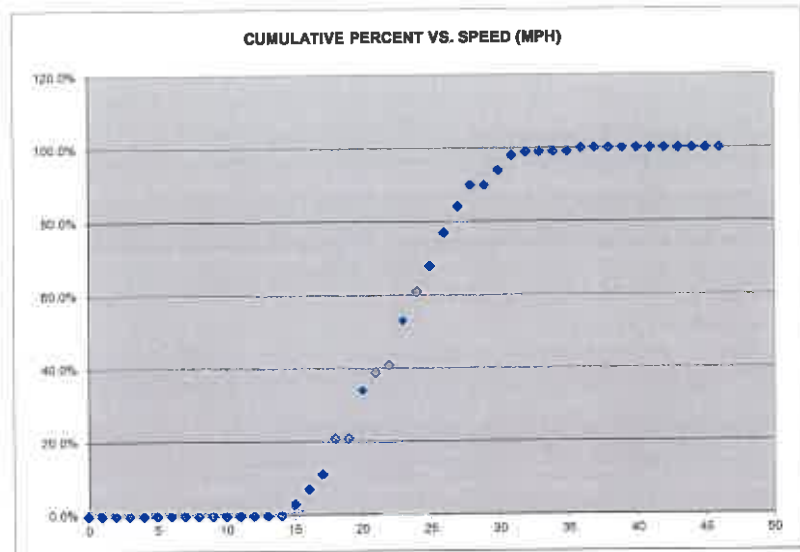
50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

23
28
18
73.0%
16.0%
11.0%
15
100
23.1

TO 27

TO 36

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	3	3.0%	3.0%
16	4	4.0%	7.0%
17	4	4.0%	11.0%
18	10	10.0%	21.0%
19	0	0.0%	21.0%
20	13	13.0%	34.0%
21	5	5.0%	39.0%
22	2	2.0%	41.0%
23	12	12.0%	53.0%
24	8	8.0%	61.0%
25	7	7.0%	68.0%
26	9	9.0%	77.0%
27	7	7.0%	84.0%
28	6	6.0%	90.0%
29	0	0.0%	90.0%
30	4	4.0%	94.0%
31	4	4.0%	98.0%
32	1	1.0%	99.0%
33	0	0.0%	99.0%
34	0	0.0%	99.0%
35	0	0.0%	99.0%
36	1	1.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Riverside Ave.

Limits: Campbell St. & Beach St.

City General Plan Roadway Classification: Arterial

Width: 40-feet

Critical Speed (85th percentile): 27 mph


Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 6 total, 2 injury

Adjacent Land Use: Residential, business

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#153 RIVERSIDE . (CAMBELL- BEACH) SB
DATE 12/26/2017
TIME 11:30 AM
POSTED SPEED LIMIT 25

DATE

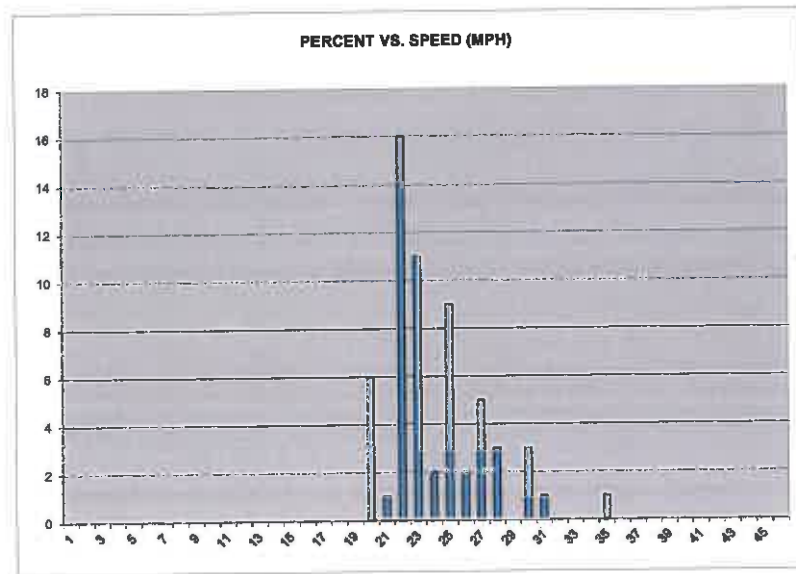
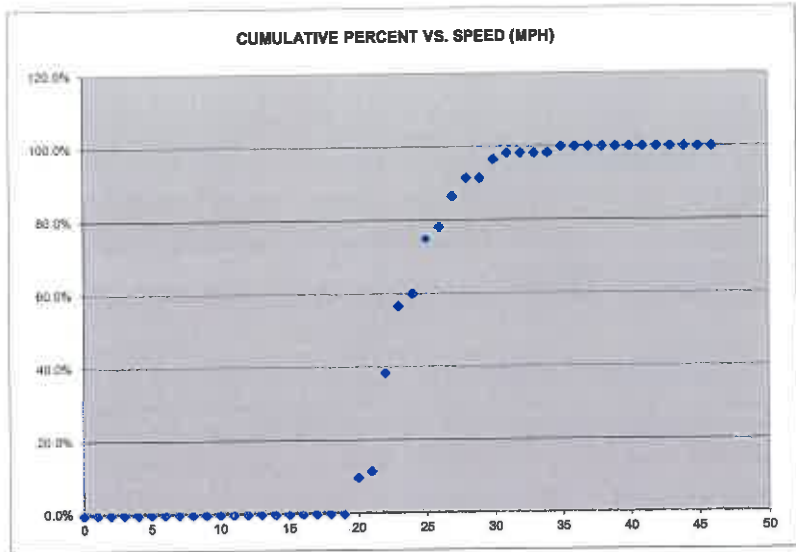
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

23	
27	
19	TO 28
91.7%	
8.3%	
0.0%	
20	TO 35
60	
24.1	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	6	10.0%	10.0%
21	1	1.7%	11.7%
22	16	26.7%	38.3%
23	11	18.3%	56.7%
24	2	3.3%	60.0%
25	9	15.0%	75.0%
26	2	3.3%	78.3%
27	5	8.3%	86.7%
28	3	5.0%	91.7%
29	0	0.0%	91.7%
30	3	5.0%	96.7%
31	1	1.7%	98.3%
32	0	0.0%	98.3%
33	0	0.0%	98.3%
34	0	0.0%	98.3%
35	1	1.7%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Rooney St.

Limits: Gilbert Lane & Elk St.

City General Plan Roadway Classification: Collector

Width: 27-feet

Critical Speed (85th percentile): 24 mph

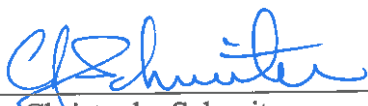
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 2 total, 0 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: None required.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#56 ROONEY (GILBERT-ELK)
EB & WB
10/19/2015
2:00 PM
(no sign) 25

DATE

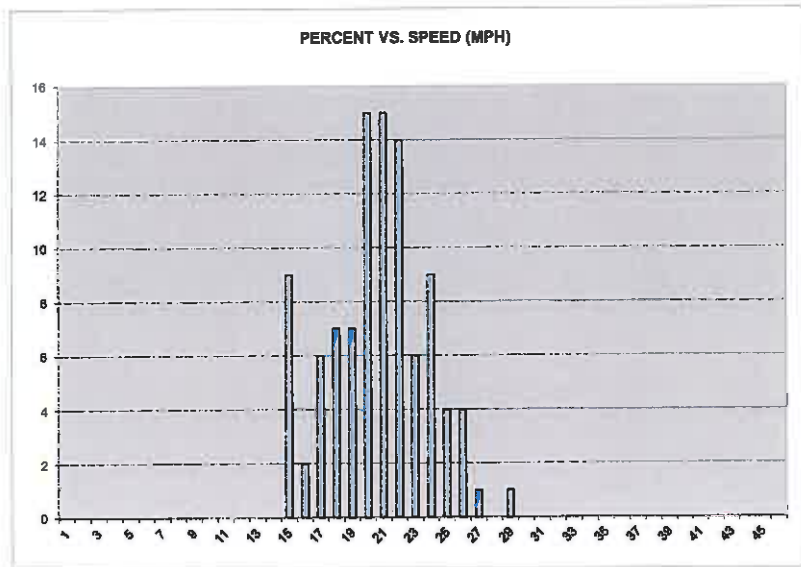
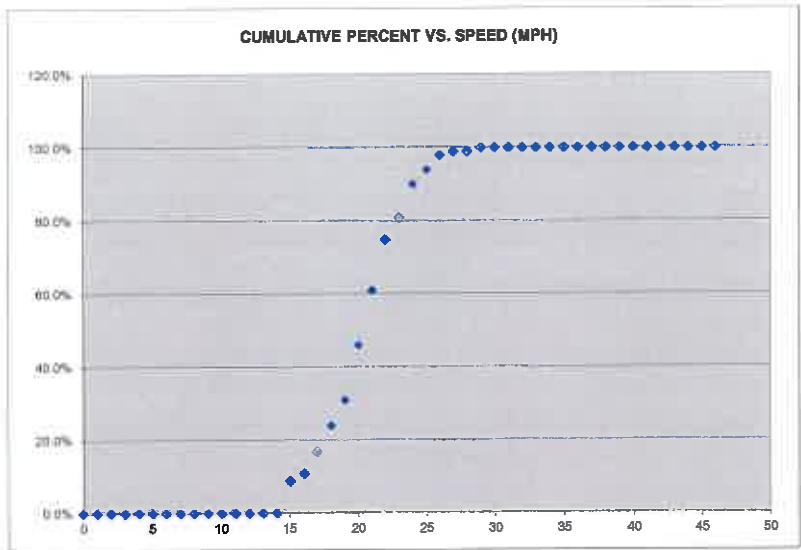
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

21	
24	
15	TO 24
90.0%	
10.0%	
0.0%	
15	TO 29
100	
20.7	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	9	9.0%	9.0%
16	2	2.0%	11.0%
17	6	6.0%	17.0%
18	7	7.0%	24.0%
19	7	7.0%	31.0%
20	15	15.0%	46.0%
21	15	15.0%	61.0%
22	14	14.0%	75.0%
23	6	6.0%	81.0%
24	9	9.0%	90.0%
25	4	4.0%	94.0%
26	4	4.0%	98.0%
27	1	1.0%	99.0%
28	0	0.0%	99.0%
29	1	1.0%	100.0%
30	0	0.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Seabright Ave.

Limits: Water St. & Murray St.

City General Plan Roadway Classification: Arterial

Width: Varies 36 to 44 feet

Critical Speed (85th percentile): 31 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 40 total, 21 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/24/18

Vehicle Speed Survey Sheet

DIRECTIONS

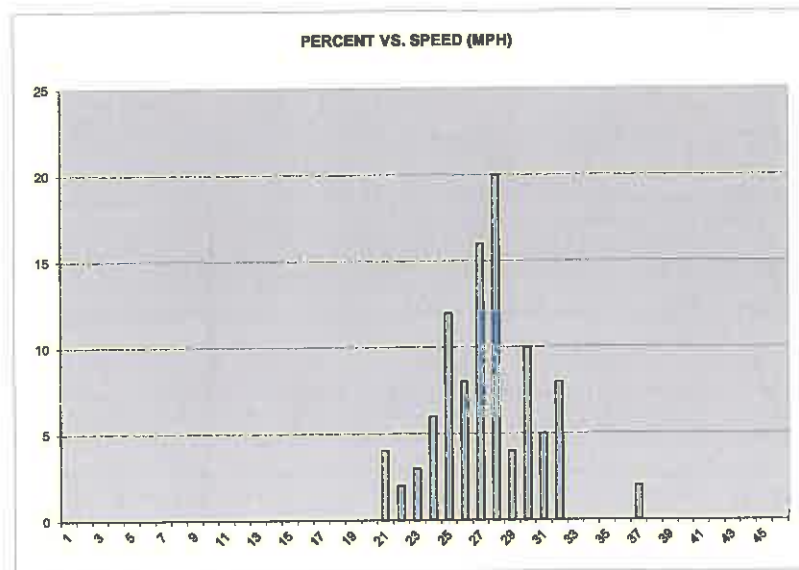
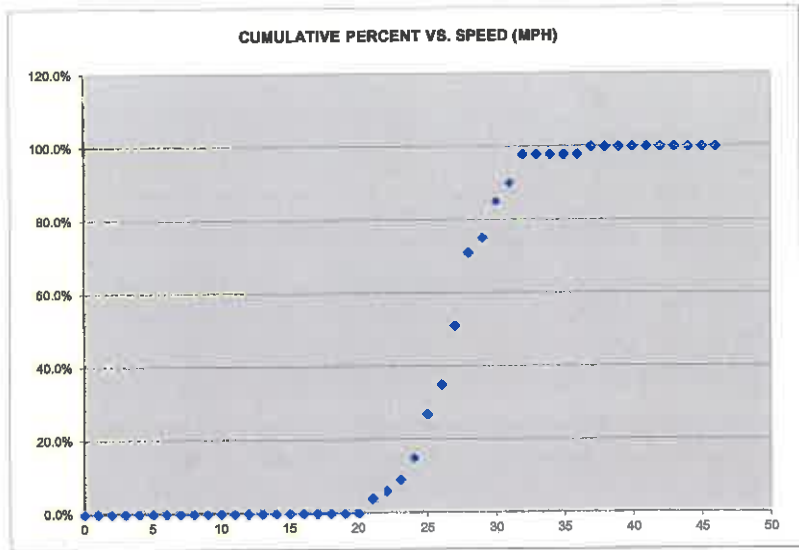
#57 SEABRIGHT (WATER-
MURRAY) NB & SB
DATE 2/8/2018
TIME 2:15 PM
POSTED SPEED LIMIT 25

DATE
TIME
POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

27	
31	
23	TO 32
92.0%	
2.0%	
6.0%	
21	TO 37
100	
27.4	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	4	4.0%	4.0%
22	2	2.0%	6.0%
23	3	3.0%	9.0%
24	6	6.0%	15.0%
25	12	12.0%	27.0%
26	8	8.0%	35.0%
27	16	16.0%	51.0%
28	20	20.0%	71.0%
29	4	4.0%	75.0%
30	10	10.0%	85.0%
31	5	5.0%	90.0%
32	8	8.0%	98.0%
33	0	0.0%	98.0%
34	0	0.0%	98.0%
35	0	0.0%	98.0%
36	0	0.0%	98.0%
37	2	2.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Second St.

Limits: Riverside Ave. to Pacific

City General Plan Roadway Classification: Arterial

Width: 46-feet

Critical Speed (85th percentile): 27 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 3 total, 1 injury

Adjacent Land Use: Primarily residential, business

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

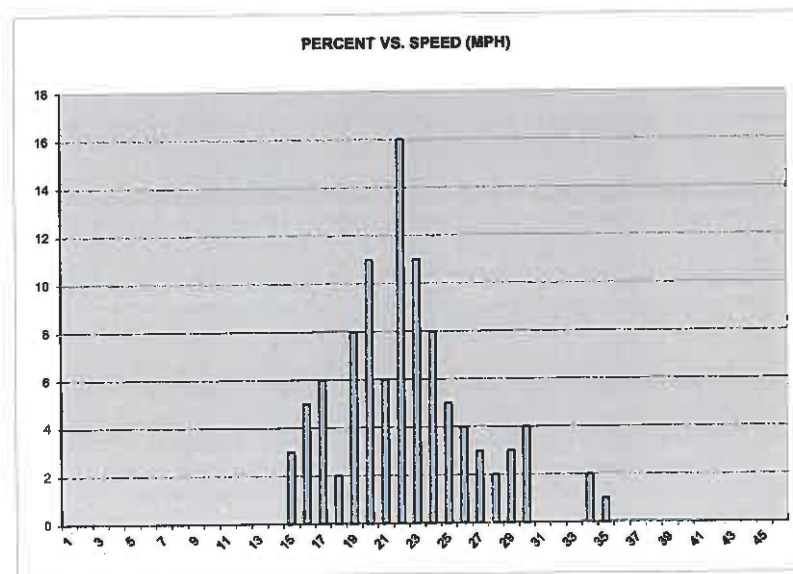
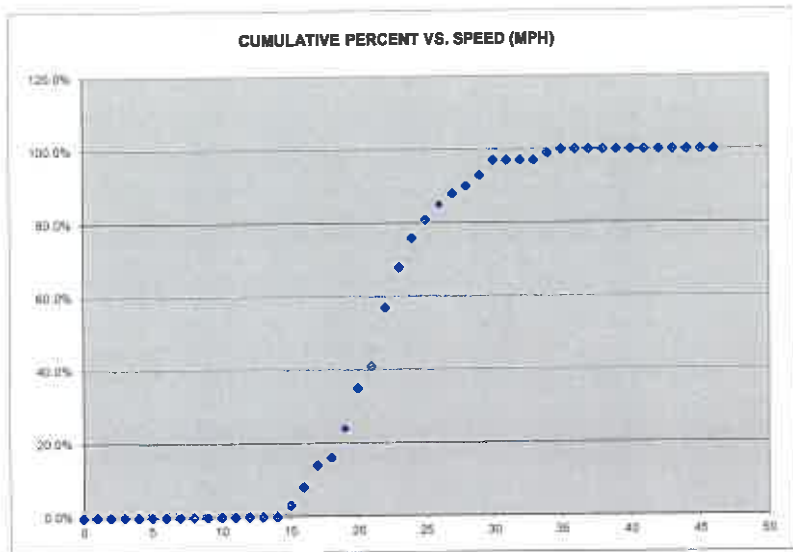
#58 SECOND (RIVERSIDE- PACIFIC) EB & WB
10/20/2016
11:00 AM
(no sign) 25

DATE
TIME
POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

22	
27	
16	TO 25
78.0%	
19.0%	
3.0%	
15	TO 35
100	
22.3	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	3	3.0%	3.0%
16	5	5.0%	8.0%
17	6	6.0%	14.0%
18	2	2.0%	16.0%
19	8	8.0%	24.0%
20	11	11.0%	35.0%
21	6	6.0%	41.0%
22	16	16.0%	57.0%
23	11	11.0%	68.0%
24	8	8.0%	76.0%
25	5	5.0%	81.0%
26	4	4.0%	85.0%
27	3	3.0%	88.0%
28	2	2.0%	90.0%
29	3	3.0%	93.0%
30	4	4.0%	97.0%
31	0	0.0%	97.0%
32	0	0.0%	97.0%
33	0	0.0%	97.0%
34	2	2.0%	99.0%
35	1	1.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Soquel Ave.

Limits: Ocean St. to Front St.

City General Plan Roadway Classification: Arterial

Width: 52-feet

Critical Speed (85th percentile): 26 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 17 total, 9 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#74 SOQUEL (OCEAN-FRONT)

EB & WB

DATE

6/16/2016

TIME

9:25 AM

POSTED SPEED LIMIT

25

50TH PERCENTILE SPEED

22

85TH PERCENTILE SPEED

26

10 MPH PACE SPEED

18

TO 27

PERCENT IN PACE SPEED

88.0%

PERCENT OVER PACE SPEED

9.0%

PERCENT UNDER PACE SPEED

3.0%

RANGE OF SPEEDS

17

TO 31

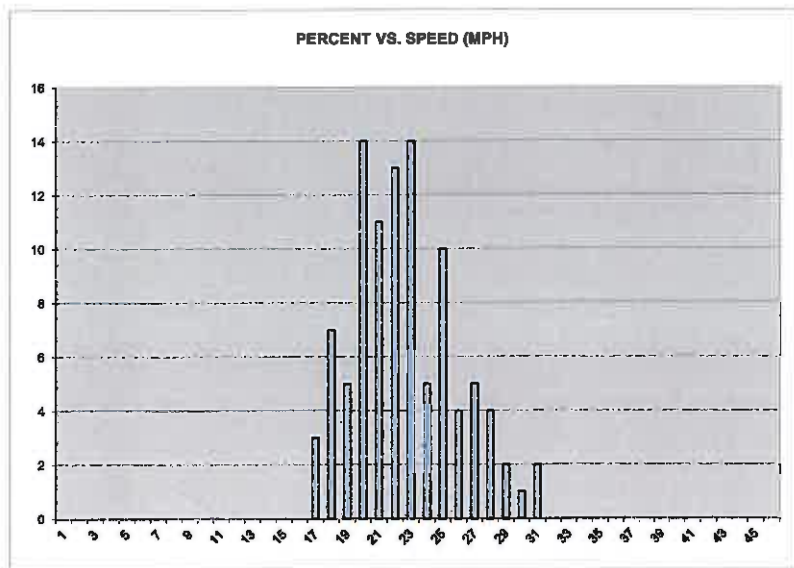
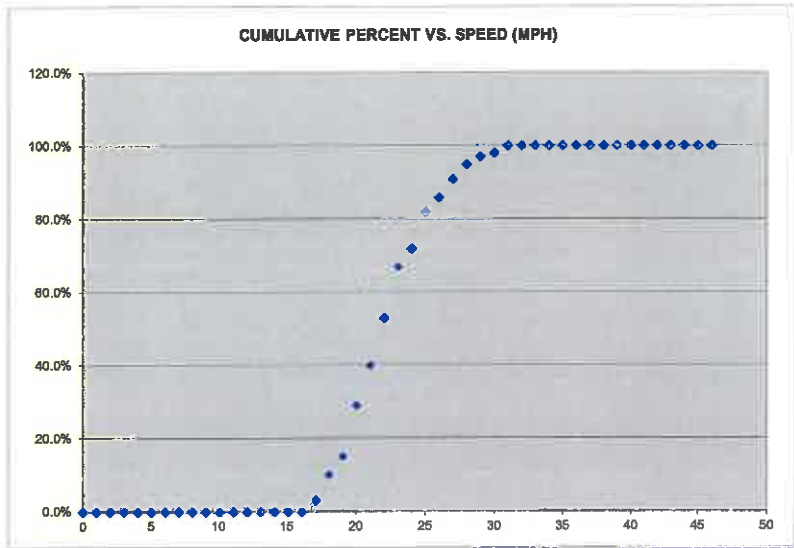
VEHICLES OBSERVED

100

AVERAGE SPEED

22.6

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	3	3.0%	3.0%
18	7	7.0%	10.0%
19	5	5.0%	15.0%
20	14	14.0%	29.0%
21	11	11.0%	40.0%
22	13	13.0%	53.0%
23	14	14.0%	67.0%
24	5	5.0%	72.0%
25	10	10.0%	82.0%
26	4	4.0%	86.0%
27	5	5.0%	91.0%
28	4	4.0%	95.0%
29	2	2.0%	97.0%
30	1	1.0%	98.0%
31	2	2.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Soquel Ave.

Limits: Ocean St. & Morrissey Blvd.

City General Plan Roadway Classification: Arterial

Width: 57-feet

Critical Speed (85th percentile): 28 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 67 total, 38 injury

Adjacent Land Use: Primarily residential

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: Christophe Schneider
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#59 SOQUEL AVE. (OCEAN-MORRISEY) EB & WB
5/16/2016
NOON
25

DATE

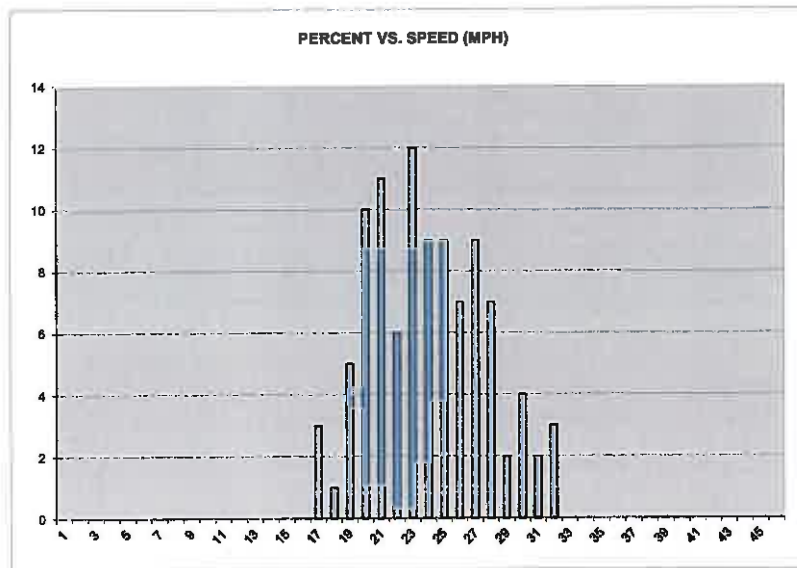
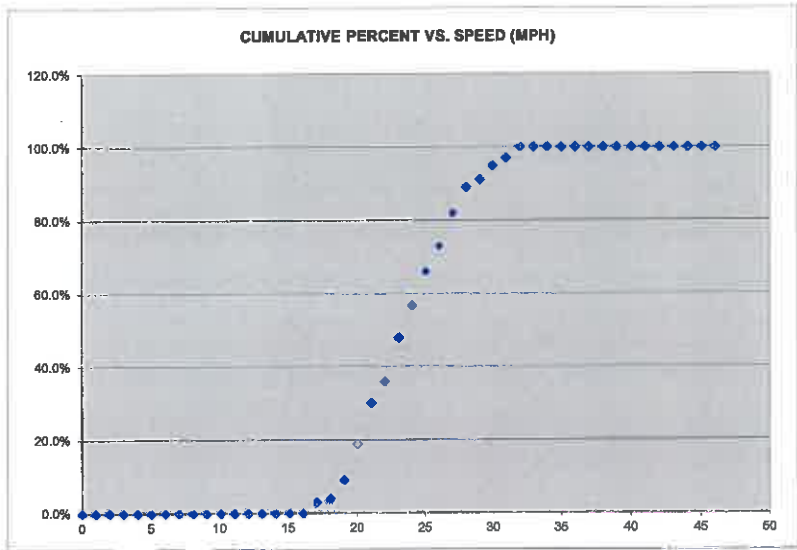
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

24	
28	
19	TO 28
85.0%	
11.0%	
4.0%	
17	TO 32
100	
24.0	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	3	3.0%	3.0%
18	1	1.0%	4.0%
19	5	5.0%	9.0%
20	10	10.0%	19.0%
21	11	11.0%	30.0%
22	6	6.0%	36.0%
23	12	12.0%	48.0%
24	9	9.0%	57.0%
25	9	9.0%	66.0%
26	7	7.0%	73.0%
27	9	9.0%	82.0%
28	7	7.0%	89.0%
29	2	2.0%	91.0%
30	4	4.0%	95.0%
31	2	2.0%	97.0%
32	3	3.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Soquel Ave.

Limits: Morrissey Blvd. & East City Limit

City General Plan Roadway Classification: Arterial

Width: 60 - 64 feet

Critical Speed (85th percentile): 31 mph


Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 70 total, 1 fatal, 52 injury

Adjacent Land Use: Business, school zone on east end

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets business density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/13

Vehicle Speed Survey Sheet

DIRECTIONS

#60 SOQUEL (MORRISEY- EAST CITY LIMIT) EB & WB
5/23/2016
11:40 AM
25

DATE

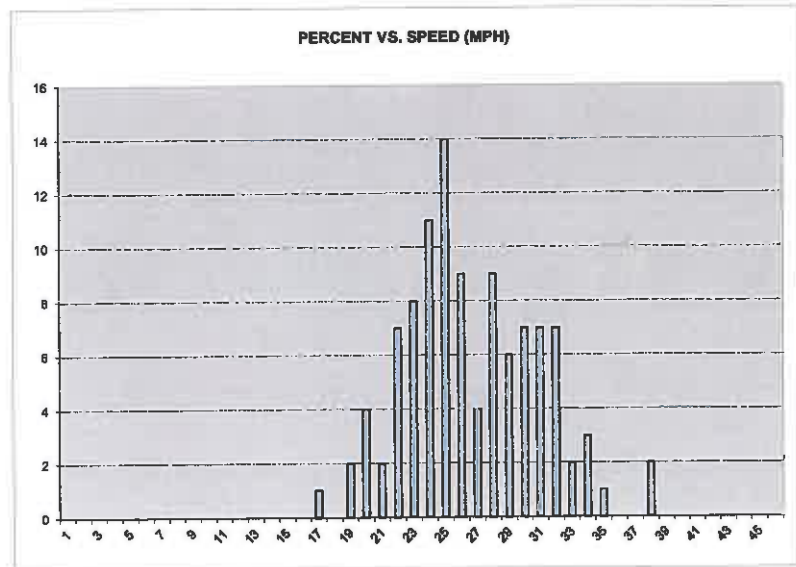
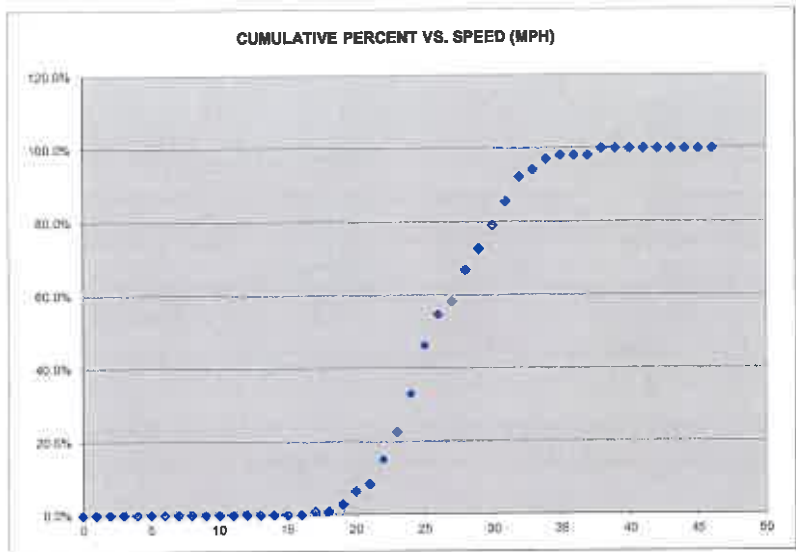
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

26	
31	TO 31
22	
77.4%	
14.2%	
8.5%	
17	TO 38
106	
26.7	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	1	0.9%	0.9%
18	0	0.0%	0.9%
19	2	1.9%	2.8%
20	4	3.8%	6.6%
21	2	1.9%	8.5%
22	7	6.6%	15.1%
23	8	7.5%	22.6%
24	11	10.4%	33.0%
25	14	13.2%	46.2%
26	9	8.5%	54.7%
27	4	3.8%	58.5%
28	9	8.5%	67.0%
29	6	5.7%	72.6%
30	7	6.6%	79.2%
31	7	6.6%	85.8%
32	7	6.6%	92.5%
33	2	1.9%	94.3%
34	3	2.8%	97.2%
35	1	0.9%	98.1%
36	0	0.0%	98.1%
37	0	0.0%	98.1%
38	2	1.9%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%



Vehicle Speed Survey Sheet

DIRECTIONS

#157 SPRING ST. (NORTH END-HIGH) NB & SB
11/30/2017
10:00 AM
25

DATE

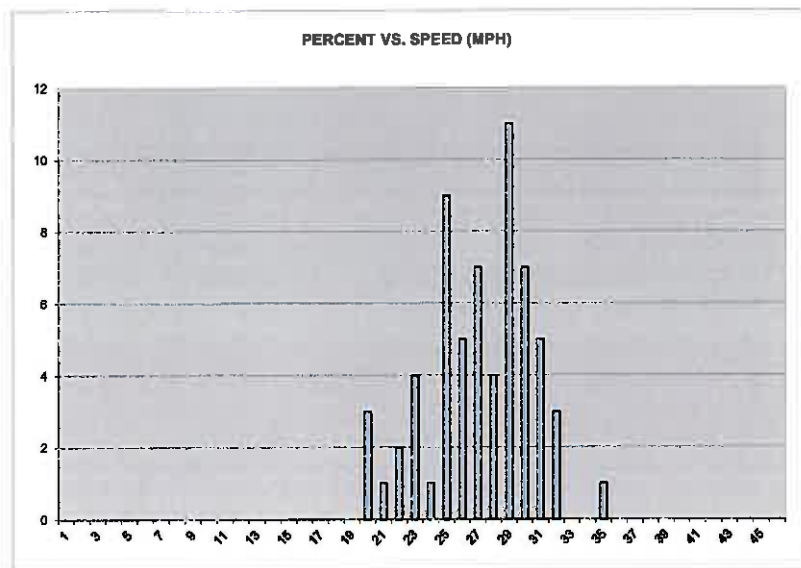
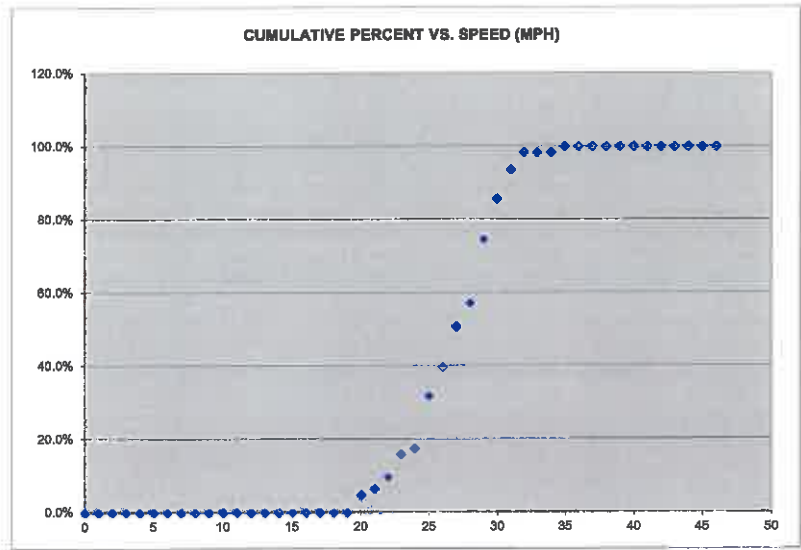
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

27	
30	
23	TO 32
88.9%	
1.6%	
9.5%	
20	TO 35
63	
27.2	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	3	4.8%	4.8%
21	1	1.6%	6.3%
22	2	3.2%	9.5%
23	4	6.3%	15.9%
24	1	1.6%	17.5%
25	9	14.3%	31.7%
26	5	7.9%	39.7%
27	7	11.1%	50.8%
28	4	6.3%	57.1%
29	11	17.5%	74.6%
30	7	11.1%	85.7%
31	5	7.9%	93.7%
32	3	4.8%	98.4%
33	0	0.0%	98.4%
34	0	0.0%	98.4%
35	1	1.6%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Stanford Ave.

Limits: Chilverton St. & Water St.

City General Plan Roadway Classification: Local

Width: 47-feet

Critical Speed (85th percentile): 25 mph

Unusual Conditions/Allowable Considerations per CVC:

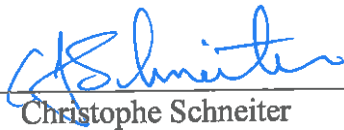
Reported Collisions: 2010 through 2015, 2 total, 1 injury

Adjacent Land Use: Residential

Speed reduction justification: None required

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#61 STANFORD (CHILVERTON-
WATER) NB & SB
10/29/2015
2:00 AM
(no sign) 25

DATE

TIME

POSTED SPEED LIMIT

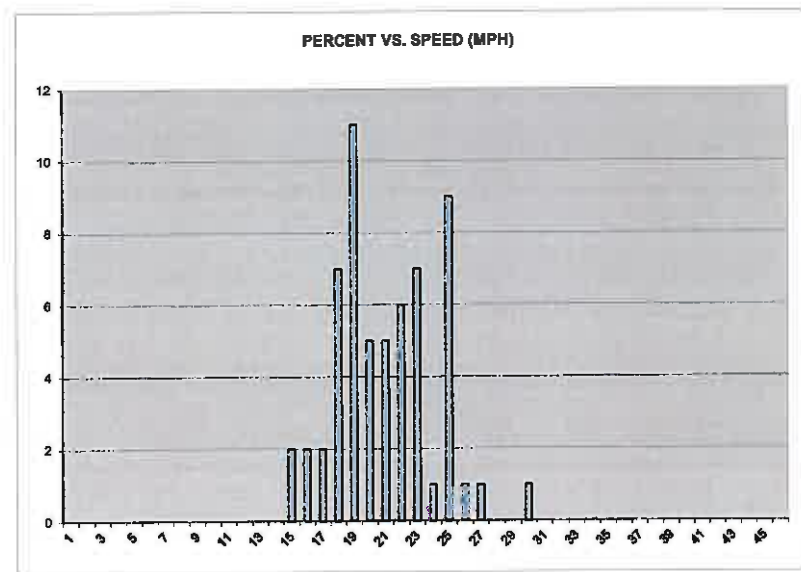
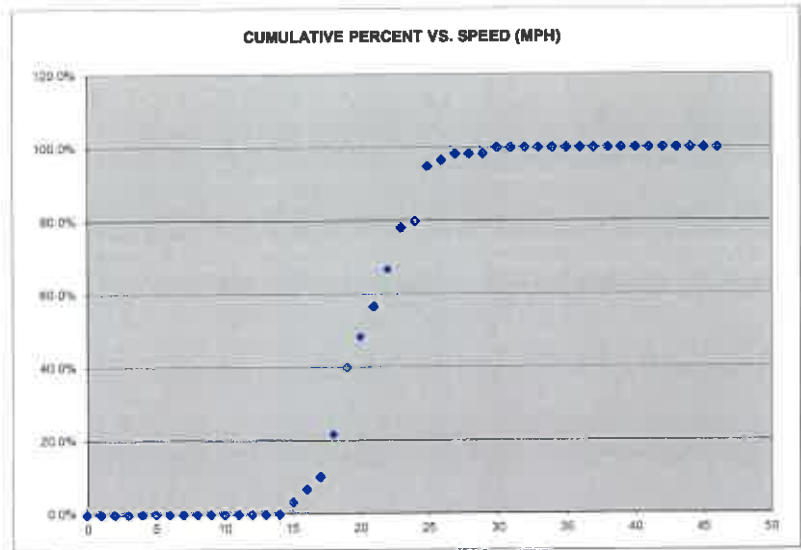
50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

21
25
16
91.7%
5.0%
3.3%
15
60
21.0

TO 25

TO 30

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	2	3.3%	3.3%
16	2	3.3%	6.7%
17	2	3.3%	10.0%
18	7	11.7%	21.7%
19	11	18.3%	40.0%
20	5	8.3%	48.3%
21	5	8.3%	56.7%
22	6	10.0%	66.7%
23	7	11.7%	78.3%
24	1	1.7%	80.0%
25	9	15.0%	95.0%
26	1	1.7%	96.7%
27	1	1.7%	98.3%
28	0	0.0%	98.3%
29	0	0.0%	98.3%
30	1	1.7%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%



Vehicle Speed Survey Sheet

DIRECTIONS

#62 SWANTON (WEST CLIFF- DELAWARE) NB & SB
8/15/2016
1:15 PM
25

DATE

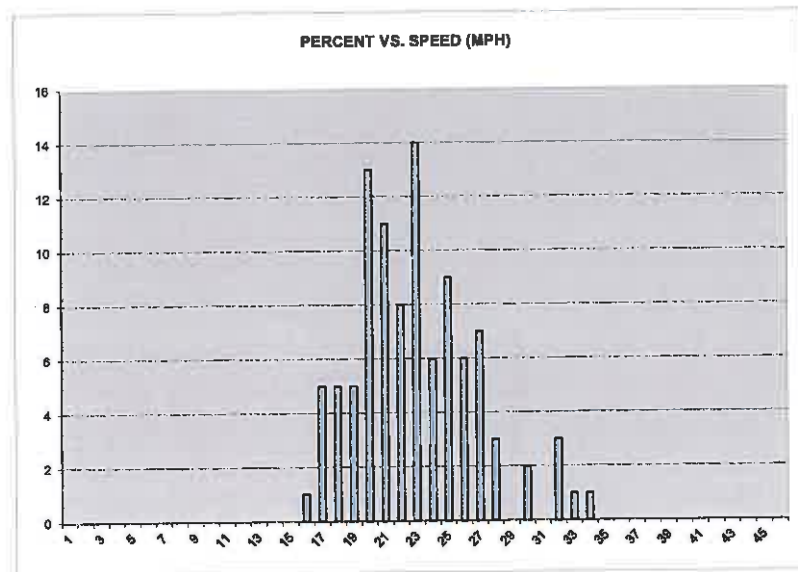
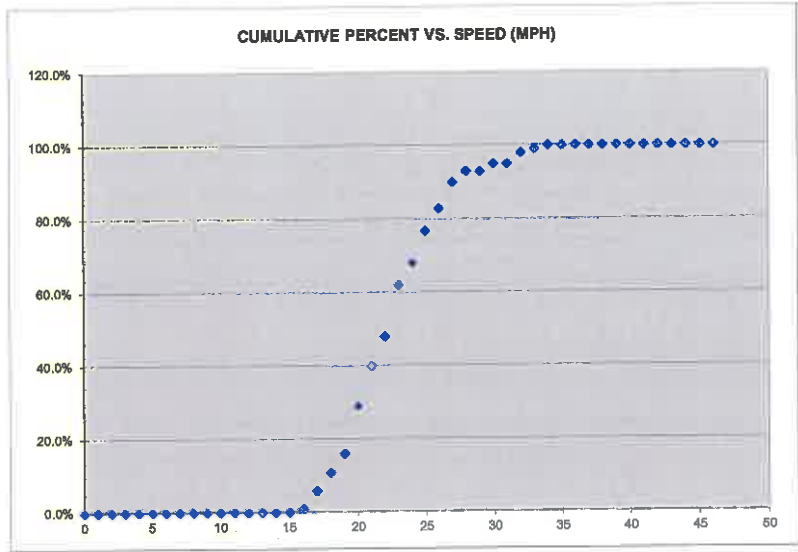
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

23	
27	
18	TO 27
84.0%	
10.0%	
6.0%	
16	TO 34
100	
23.0	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	1	1.0%	1.0%
17	5	5.0%	6.0%
18	5	5.0%	11.0%
19	5	5.0%	16.0%
20	13	13.0%	29.0%
21	11	11.0%	40.0%
22	8	8.0%	48.0%
23	14	14.0%	62.0%
24	6	6.0%	68.0%
25	9	9.0%	77.0%
26	6	6.0%	83.0%
27	7	7.0%	90.0%
28	3	3.0%	93.0%
29	0	0.0%	93.0%
30	2	2.0%	95.0%
31	0	0.0%	95.0%
32	3	3.0%	98.0%
33	1	1.0%	99.0%
34	1	1.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Swift St.

Limits: Delaware Ave. & West Cliff Dr.

City General Plan Roadway Classification: Collector

Width: 40-feet

Critical Speed (85th percentile): 30 mph

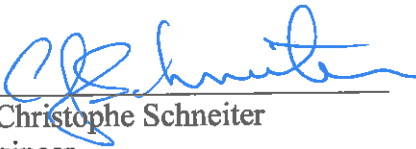
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 8 total, 3 injury

Adjacent Land Use: Primarily residential, School Zone

Speed reduction justification: CA MUTCD 2B-13 Segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#63 SWIFT (DELAWARE-WEST CLIFF) NB & SB
3/10/2016
2:04 PM
25

DATE

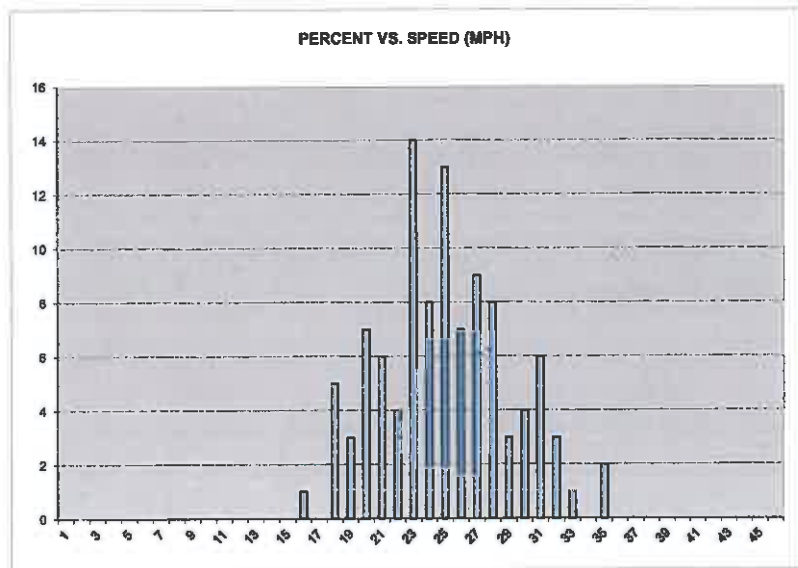
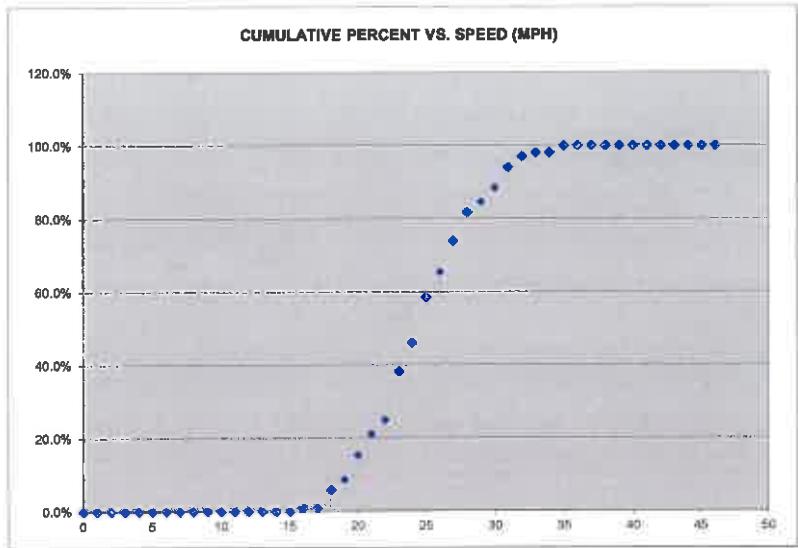
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

25	
30	
19	TO 28
76.0%	
18.3%	
5.8%	
16	TO 35
104	
25.0	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	1	1.0%	1.0%
17	0	0.0%	1.0%
18	5	4.8%	5.8%
19	3	2.9%	8.7%
20	7	6.7%	15.4%
21	6	5.8%	21.2%
22	4	3.8%	25.0%
23	14	13.5%	38.5%
24	8	7.7%	46.2%
25	13	12.5%	58.7%
26	7	6.7%	65.4%
27	9	8.7%	74.0%
28	8	7.7%	81.7%
29	3	2.9%	84.6%
30	4	3.8%	88.5%
31	6	5.8%	94.2%
32	3	2.9%	97.1%
33	1	1.0%	98.1%
34	0	0.0%	98.1%
35	2	1.9%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Swift St.

Limits: Grandview St. & Delaware Ave.

City General Plan Roadway Classification: Collector

Width: 48-feet

Critical Speed (85th percentile): 32 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 12 total, 4 injury

Adjacent Land Use: Primarily Residential, Business

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential and business density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: *C. Schneider*
 Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

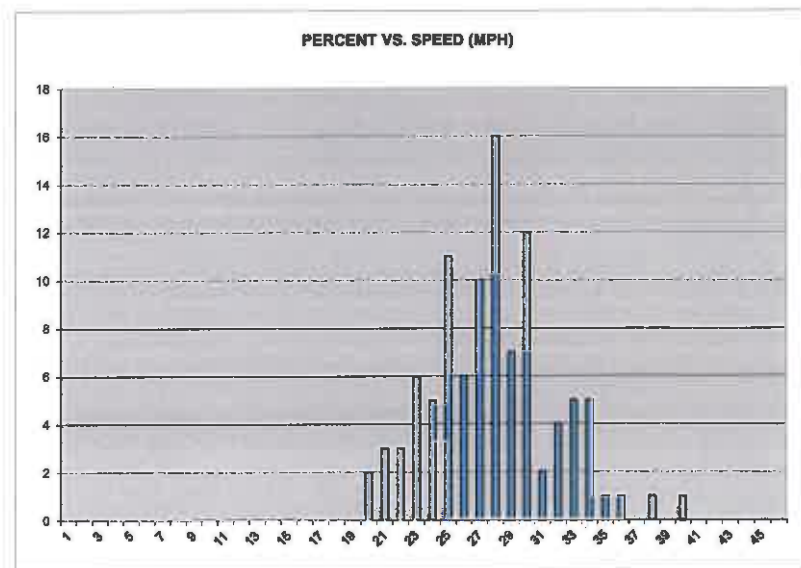
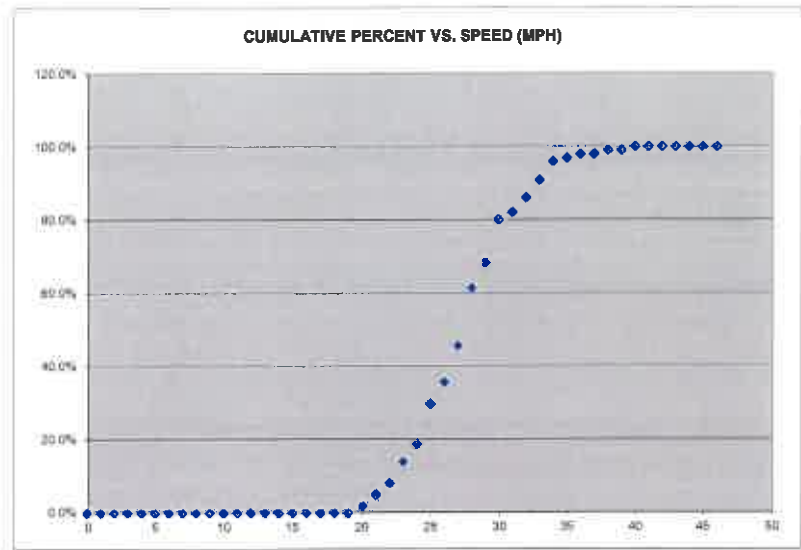
#64 SWIFT (GRANDVIEW- DELAWARE) NB & SB
3/10/2016
1:40 PM
25

DATE
TIME
POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

28	TO	30
32		
21		
78.2%		
19.8%		
2.0%		
20	TO	40
101		
27.9		

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	2	2.0%	2.0%
21	3	3.0%	5.0%
22	3	3.0%	7.9%
23	6	5.9%	13.9%
24	5	5.0%	18.8%
25	11	10.9%	29.7%
26	6	5.9%	35.6%
27	10	9.9%	45.5%
28	16	15.8%	61.4%
29	7	6.9%	68.3%
30	12	11.9%	80.2%
31	2	2.0%	82.2%
32	4	4.0%	86.1%
33	5	5.0%	91.1%
34	5	5.0%	96.0%
35	1	1.0%	97.0%
36	1	1.0%	98.0%
37	0	0.0%	98.0%
38	1	1.0%	99.0%
39	0	0.0%	99.0%
40	1	1.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Sylvania St.

Limits: Encinal St. & Harvey West Blvd.

City General Plan Roadway Classification: Local

Width: 48-feet

Critical Speed (85th percentile): 27 mph

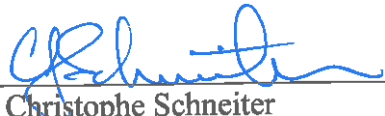
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 3 total, 1 injury

Adjacent Land Use: Business

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#65 SYLVANIA (HARVEY WEST-ENCINAL) NB & SB
10/6/2016
4:00 AM
(no sign) 25

DATE

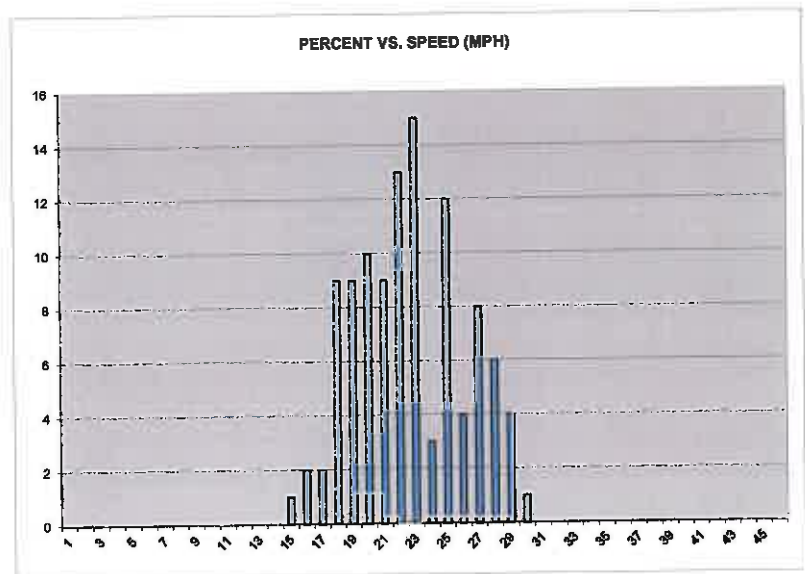
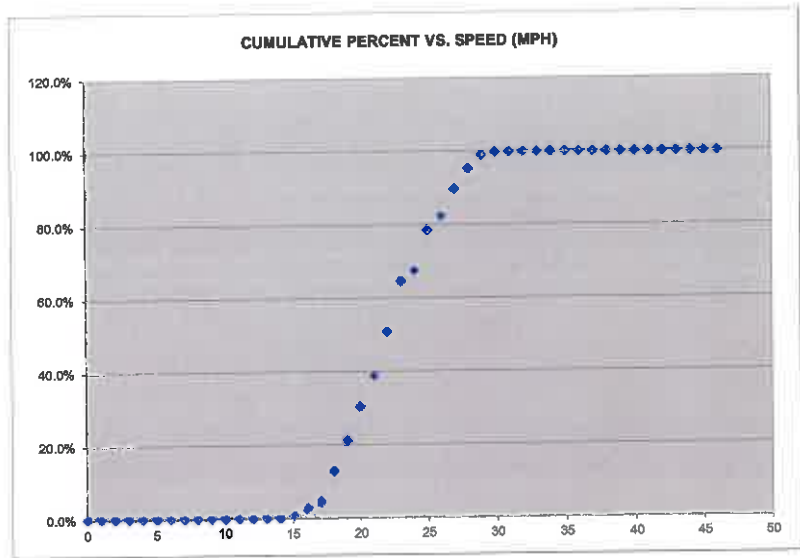
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

22	
27	
18	TO 27
85.2%	
10.2%	
4.6%	
15	TO 30
108	
22.6	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	1	0.9%	0.9%
16	2	1.9%	2.8%
17	2	1.9%	4.6%
18	9	8.3%	13.0%
19	9	8.3%	21.3%
20	10	9.3%	30.6%
21	9	8.3%	38.9%
22	13	12.0%	50.9%
23	15	13.9%	64.8%
24	3	2.8%	67.6%
25	12	11.1%	78.7%
26	4	3.7%	82.4%
27	8	7.4%	89.8%
28	6	5.6%	95.4%
29	4	3.7%	99.1%
30	1	0.9%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Walnut Ave.

Limits: King St. & Chestnut St.

City General Plan Roadway Classification: Collector/Arterial

Width: 42-feet

Critical Speed (85th percentile): 25 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 21 total, 5 injury

Adjacent Land Use: Primarily Residential, School Zone

Speed reduction justification: None Required

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#161b WALNUT AV. (KING- CHESTNUT) EB & WB
11/6/2017
9:41 AM
25

DATE

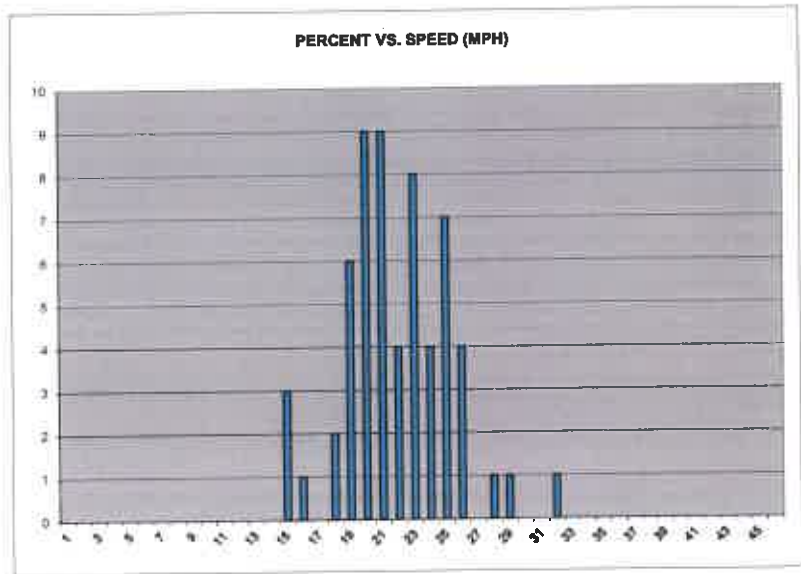
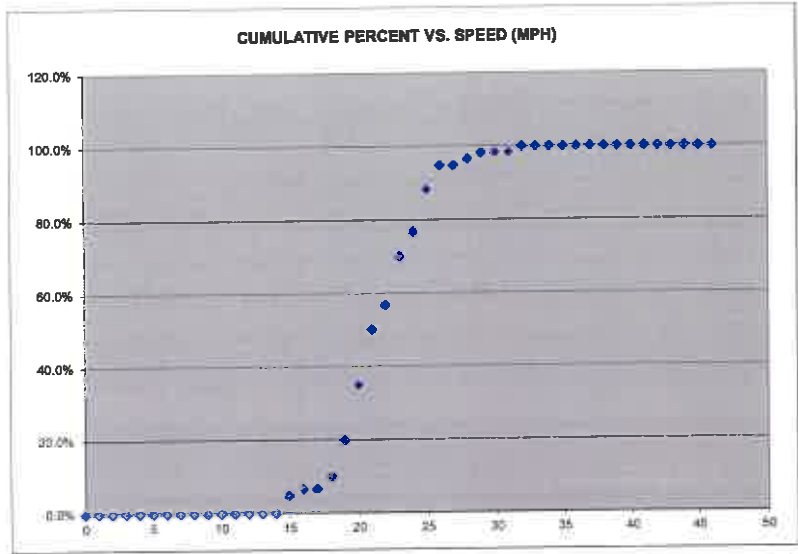
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

22	
25	
17	TO 26
88.3%	
5.0%	
6.7%	
15	TO 32
60	
21.9	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	3	5.0%	5.0%
16	1	1.7%	6.7%
17	0	0.0%	6.7%
18	2	3.3%	10.0%
19	6	10.0%	20.0%
20	9	15.0%	35.0%
21	9	15.0%	50.0%
22	4	6.7%	56.7%
23	8	13.3%	70.0%
24	4	6.7%	76.7%
25	7	11.7%	88.3%
26	4	6.7%	95.0%
27	0	0.0%	95.0%
28	1	1.7%	96.7%
29	1	1.7%	98.3%
30	0	0.0%	98.3%
31	0	0.0%	98.3%
32	1	1.7%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Water St.

Limits: Ocean St. to Pacific EB and WB

City General Plan Roadway Classification: Arterial

Width: 85-feet

Critical Speed (85th percentile): 33 mph (EB: 33, WB: 33)

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 39 total, 22 injury

Adjacent Land Use: Business, Park, County Government Center

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneiter

Date: 10/8/18

Title: City Engineer

Vehicle Speed Survey Sheet

DIRECTIONS

#66A WATER (OCEAN-PACIFIC) EB
6/7/2016
11:20 AM
30

DATE

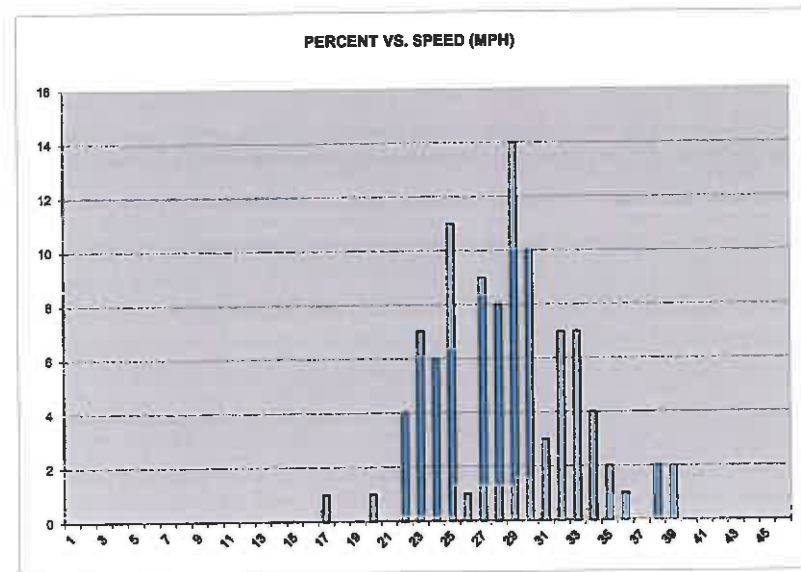
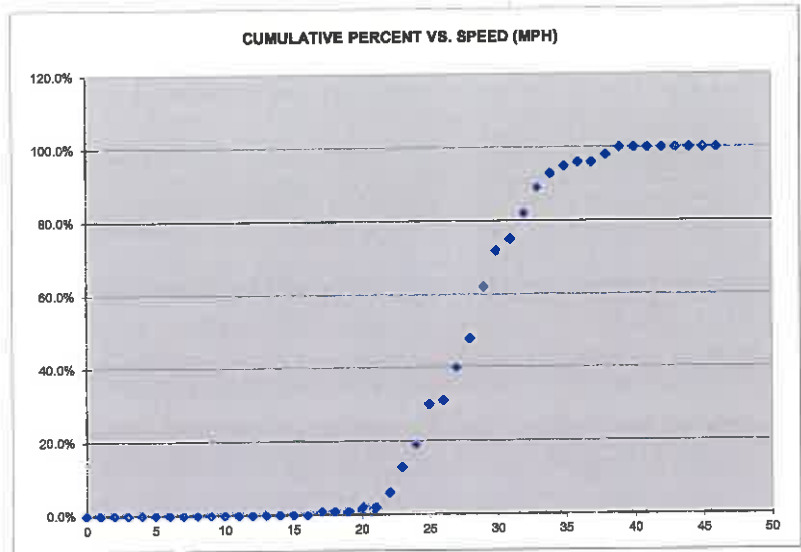
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

29	
33	
23	TO 32
76.0%	
18.0%	
6.0%	
17	TO 39
100	
28.5	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	1	1.0%	1.0%
18	0	0.0%	1.0%
19	0	0.0%	1.0%
20	1	1.0%	2.0%
21	0	0.0%	2.0%
22	4	4.0%	6.0%
23	7	7.0%	13.0%
24	6	6.0%	19.0%
25	11	11.0%	30.0%
26	1	1.0%	31.0%
27	9	9.0%	40.0%
28	8	8.0%	48.0%
29	14	14.0%	62.0%
30	10	10.0%	72.0%
31	3	3.0%	75.0%
32	7	7.0%	82.0%
33	7	7.0%	89.0%
34	4	4.0%	93.0%
35	2	2.0%	95.0%
36	1	1.0%	96.0%
37	0	0.0%	96.0%
38	2	2.0%	98.0%
39	2	2.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%



Vehicle Speed Survey Sheet

DIRECTIONS

#66B WATER (OCEAN-PACIFIC) WB
DATE 3/28/2016
TIME 2:50 PM
POSTED SPEED LIMIT 30

DATE

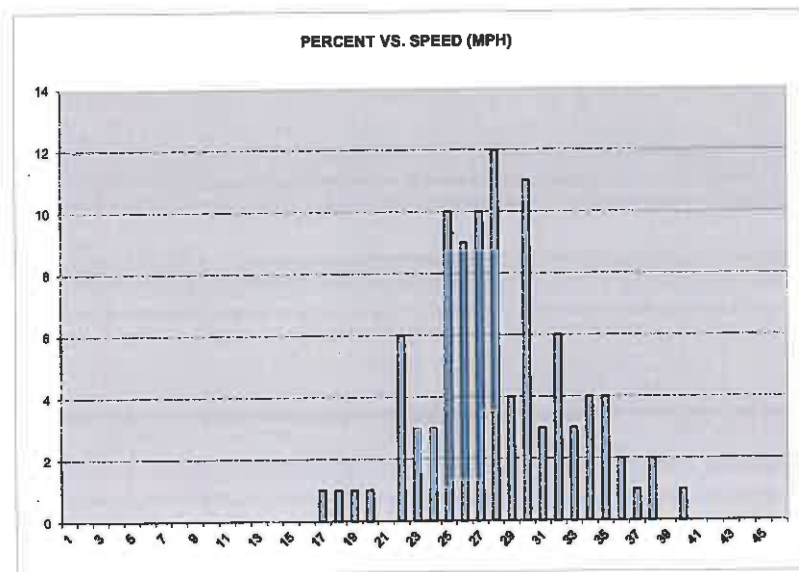
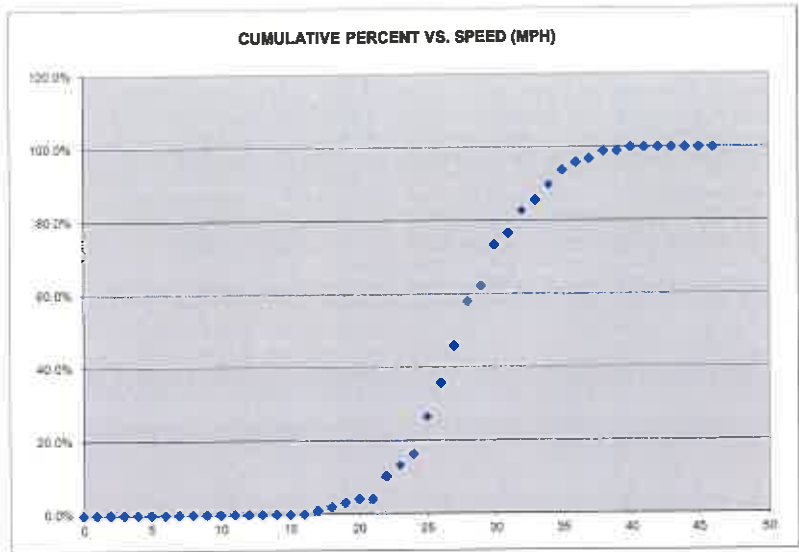
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

28	
33	
25	TO 34
73.5%	
10.2%	
16.3%	
17	TO 40
98	
28.2	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	1	1.0%	1.0%
18	1	1.0%	2.0%
19	1	1.0%	3.1%
20	1	1.0%	4.1%
21	0	0.0%	4.1%
22	6	6.1%	10.2%
23	3	3.1%	13.3%
24	3	3.1%	16.3%
25	10	10.2%	26.5%
26	9	9.2%	35.7%
27	10	10.2%	45.9%
28	12	12.2%	58.2%
29	4	4.1%	62.2%
30	11	11.2%	73.5%
31	3	3.1%	76.5%
32	6	6.1%	82.7%
33	3	3.1%	85.7%
34	4	4.1%	89.8%
35	4	4.1%	93.9%
36	2	2.0%	95.9%
37	1	1.0%	96.9%
38	2	2.0%	99.0%
39	0	0.0%	99.0%
40	1	1.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Water St.

Limits: Ocean to N Branciforte, EB and WB

City General Plan Roadway Classification: Arterial

Width: 80-feet

Critical Speed (85th percentile): 37 mph EB, 27 mph WB


Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 43 total, 26 injury

Adjacent Land Use: Business, Residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets business/residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#67A WATER ST.
 (BRANCIFORTE-OCEAN) EB
 2/26/2016
 11:28 PM
 SIGN-30

DATE

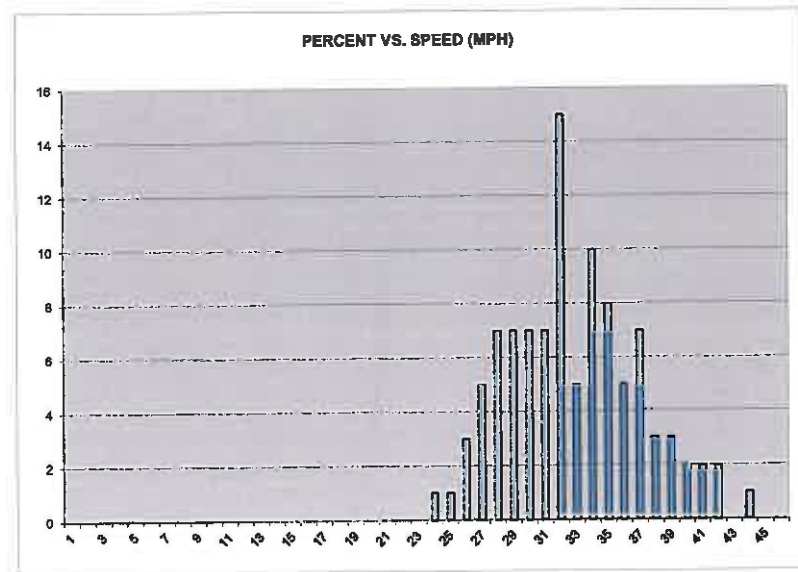
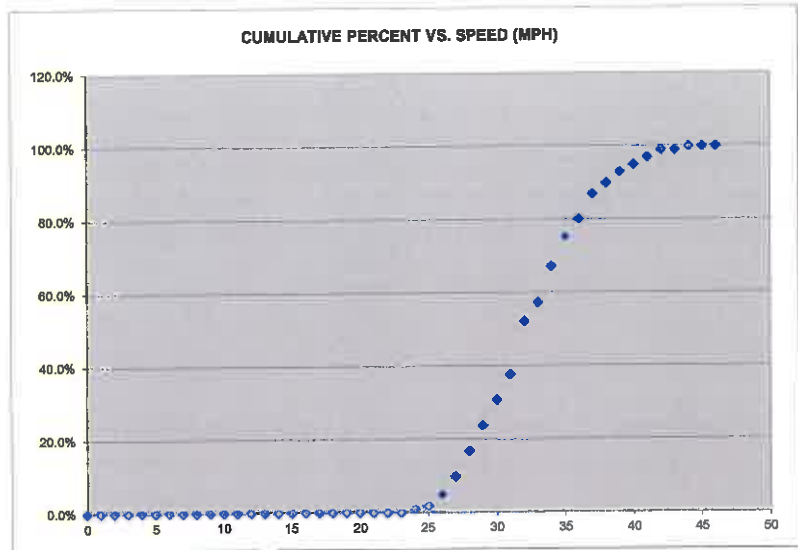
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

32	
37	
28	TO 37
77.2%	
12.9%	
9.9%	
24	TO 44
101	
32.8	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	0	0.0%	0.0%
22	0	0.0%	0.0%
23	0	0.0%	0.0%
24	1	1.0%	1.0%
25	1	1.0%	2.0%
26	3	3.0%	5.0%
27	5	5.0%	9.9%
28	7	6.9%	16.8%
29	7	6.9%	23.8%
30	7	6.9%	30.7%
31	7	6.9%	37.6%
32	15	14.9%	52.5%
33	5	5.0%	57.4%
34	10	9.9%	67.3%
35	8	7.9%	75.2%
36	5	5.0%	80.2%
37	7	6.9%	87.1%
38	3	3.0%	90.1%
39	3	3.0%	93.1%
40	2	2.0%	95.0%
41	2	2.0%	97.0%
42	2	2.0%	99.0%
43	0	0.0%	99.0%
44	1	1.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%



Vehicle Speed Survey Sheet

DIRECTIONS

#67B WATER ST. (OCEAN &
N. BRANCFORTE) WB
4/28/2016
2:06 AM
30

DATE

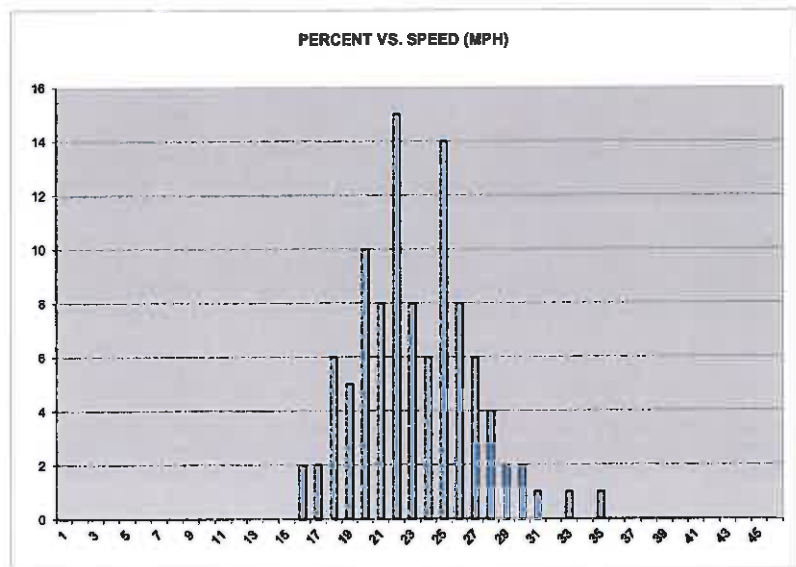
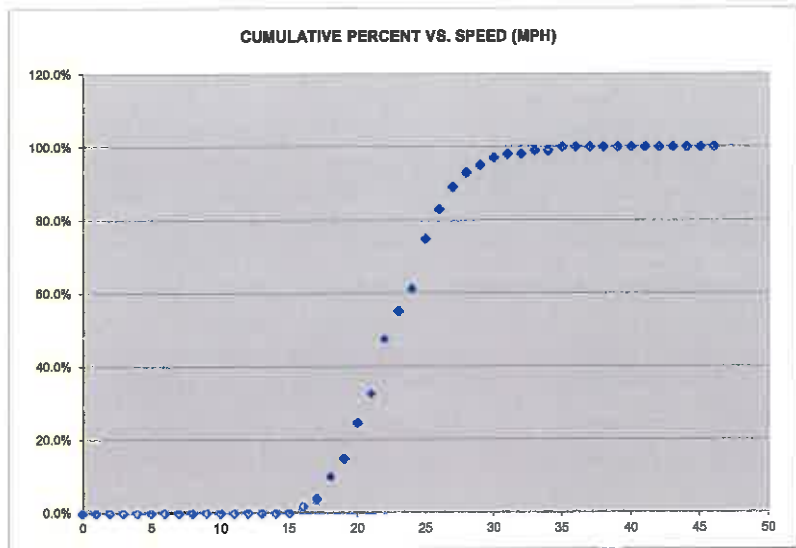
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

23	
27	
18	TO 27
85.1%	
10.9%	
4.0%	
16	TO 35
101	
23.2	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	2	2.0%	2.0%
17	2	2.0%	4.0%
18	6	5.9%	9.9%
19	5	5.0%	14.9%
20	10	9.9%	24.8%
21	8	7.9%	32.7%
22	15	14.9%	47.5%
23	8	7.9%	55.4%
24	6	5.9%	61.4%
25	14	13.9%	75.2%
26	8	7.9%	83.2%
27	6	5.9%	89.1%
28	4	4.0%	93.1%
29	2	2.0%	95.0%
30	2	2.0%	97.0%
31	1	1.0%	98.0%
32	0	0.0%	98.0%
33	1	1.0%	99.0%
34	0	0.0%	99.0%
35	1	1.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





PUBLIC WORKS DEPARTMENT
Transportation Division

Street: Water St.

Limits: N Branciforte Ave to Poplar

City General Plan Roadway Classification: Arterial

Width: 48-feet

Critical Speed (85th percentile): 28 mph

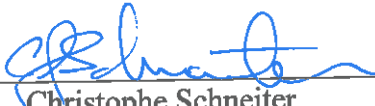
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2013 through 2017, 30 total, 7 injury

Adjacent Land Use: Business, School Zone

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#162a WATER ST. (N. BRANCFORTE-POPLAR) EB & WB
11/14/2017
11:00 AM
25

DATE

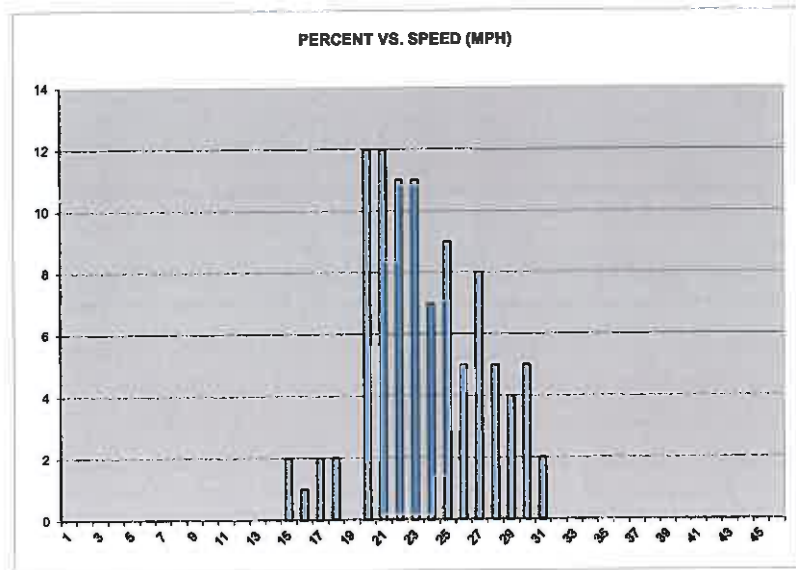
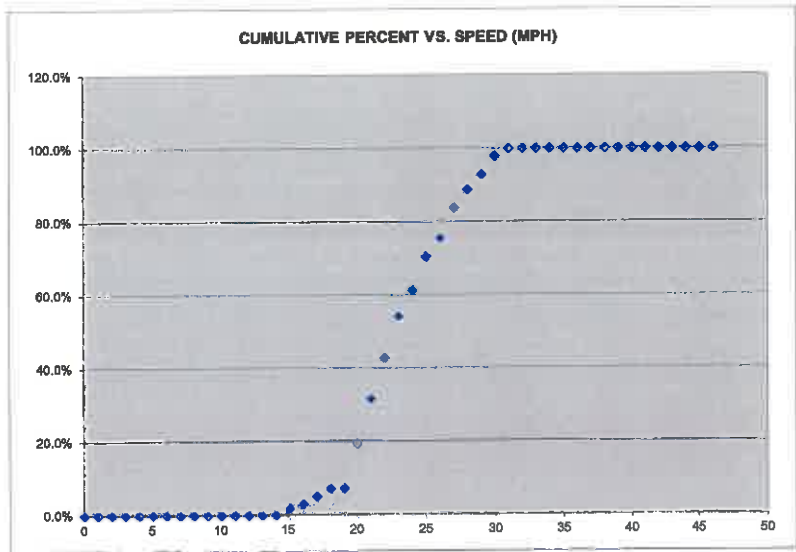
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

23	
28	
20	TO 29
85.7%	
7.1%	
7.1%	
15	TO 31
98	
23.6	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	2	2.0%	2.0%
16	1	1.0%	3.1%
17	2	2.0%	5.1%
18	2	2.0%	7.1%
19	0	0.0%	7.1%
20	12	12.2%	19.4%
21	12	12.2%	31.6%
22	11	11.2%	42.9%
23	11	11.2%	54.1%
24	7	7.1%	61.2%
25	9	9.2%	70.4%
26	5	5.1%	75.5%
27	8	8.2%	83.7%
28	5	5.1%	88.8%
29	4	4.1%	92.9%
30	5	5.1%	98.0%
31	2	2.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: West Cliff Dr.

Limits: Pelton Ave & Swanton Blvd.

City General Plan Roadway Classification: Collector

Width: 28-feet

Critical Speed (85th percentile): 23 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 11 total, 5 injury

Adjacent Land Use: Residential, Park

Speed reduction justification: None Required

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#68 WEST CLIFF (PELTON-SWANTON) EB & WB
 12/15/2015
 9:34 AM
 25

DATE

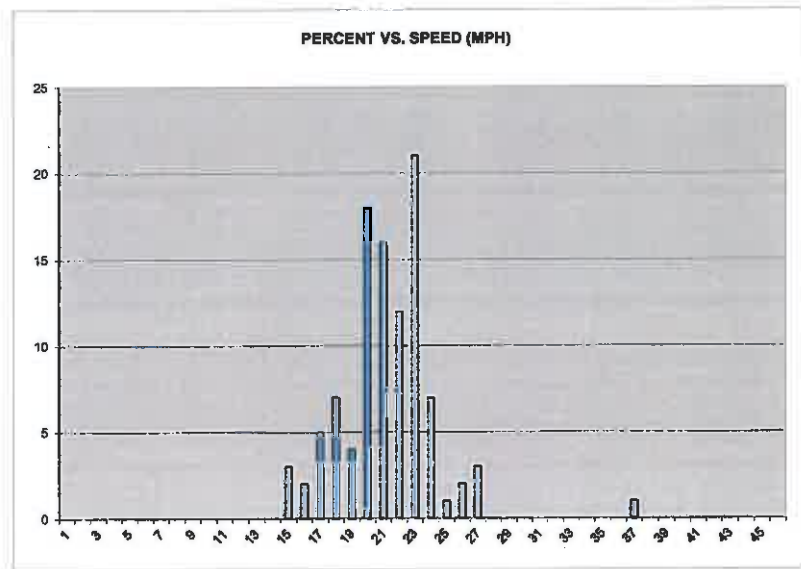
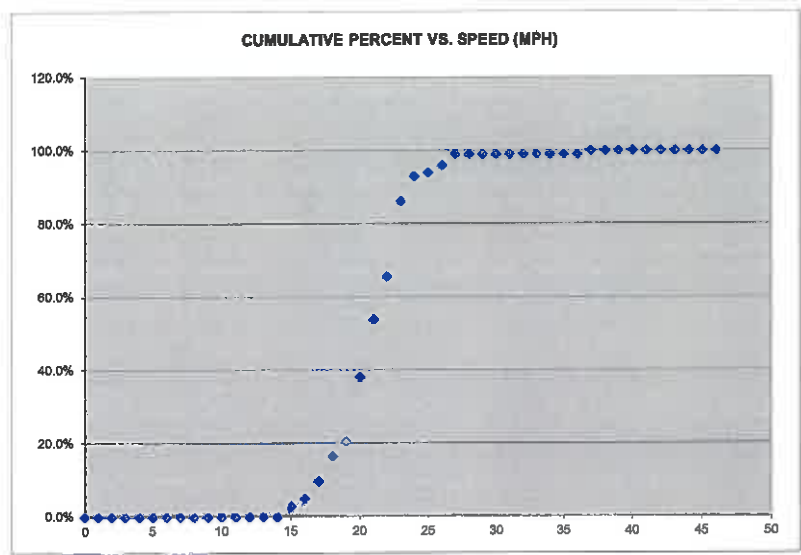
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

21	TO	24
23		
15		
93.1%		
6.9%		
0.0%		
15	TO	37
102		
21.3		

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	3	2.9%	2.9%
16	2	2.0%	4.9%
17	5	4.9%	9.8%
18	7	6.9%	16.7%
19	4	3.9%	20.6%
20	18	17.6%	38.2%
21	16	15.7%	53.9%
22	12	11.8%	65.7%
23	21	20.6%	86.3%
24	7	6.9%	93.1%
25	1	1.0%	94.1%
26	2	2.0%	96.1%
27	3	2.9%	99.0%
28	0	0.0%	99.0%
29	0	0.0%	99.0%
30	0	0.0%	99.0%
31	0	0.0%	99.0%
32	0	0.0%	99.0%
33	0	0.0%	99.0%
34	0	0.0%	99.0%
35	0	0.0%	99.0%
36	0	0.0%	99.0%
37	1	1.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: West Cliff Dr.

Limits: Pacific Ave. & Pelton Ave.

City General Plan Roadway Classification: Collector

Width: 27-feet

Critical Speed (85th percentile): 22 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 5 total, 3 injury

Adjacent Land Use: Residential, Park, Business

Speed reduction justification: None Required

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: _____


Christophe Schneider

Title: City Engineer

Date: 10/9/13

Vehicle Speed Survey Sheet

DIRECTIONS

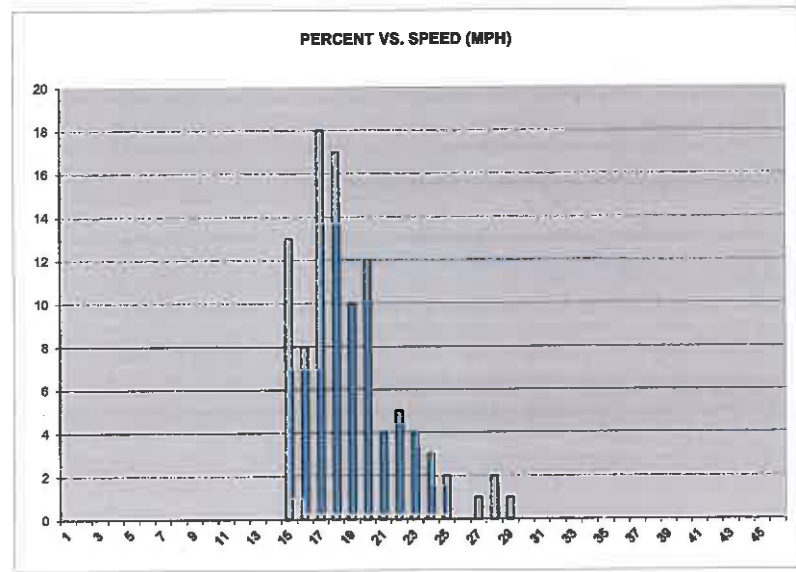
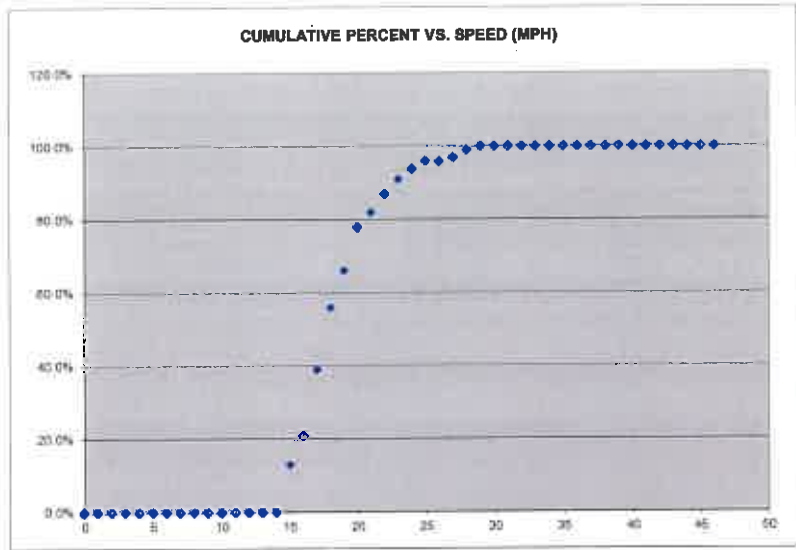
#69 WEST CLIFF (PACIFIC-
 PELTON) EB & WB
 12/15/2015
 10:11 AM
 25

DATE
 TIME
 POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

18	
22	
15	TO 24
94.0%	
6.0%	
0.0%	
15	TO 29
100	
18.9	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	13	13.0%	13.0%
16	8	8.0%	21.0%
17	18	18.0%	39.0%
18	17	17.0%	56.0%
19	10	10.0%	66.0%
20	12	12.0%	78.0%
21	4	4.0%	82.0%
22	5	5.0%	87.0%
23	4	4.0%	91.0%
24	3	3.0%	94.0%
25	2	2.0%	96.0%
26	0	0.0%	96.0%
27	1	1.0%	97.0%
28	2	2.0%	99.0%
29	1	1.0%	100.0%
30	0	0.0%	100.0%
31	0	0.0%	100.0%
32	0	0.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Western Dr.

Limits: Meder St. & Mission St.

City General Plan Roadway Classification: Collector

Width: 32-feet

Critical Speed (85th percentile): 32 mph


Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 24 total, 14 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#70 WESTERN (MISSION-MEDER) NB & SB
1/25/2016
2:10 PM
30

DATE

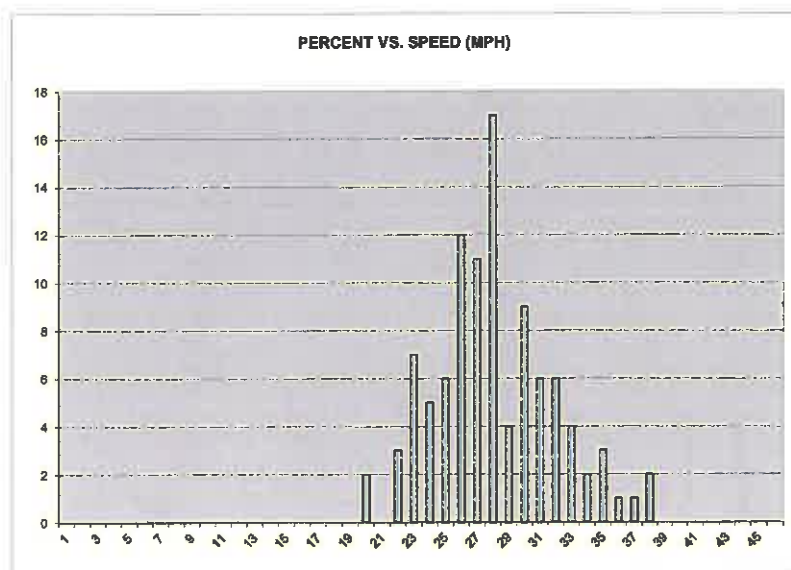
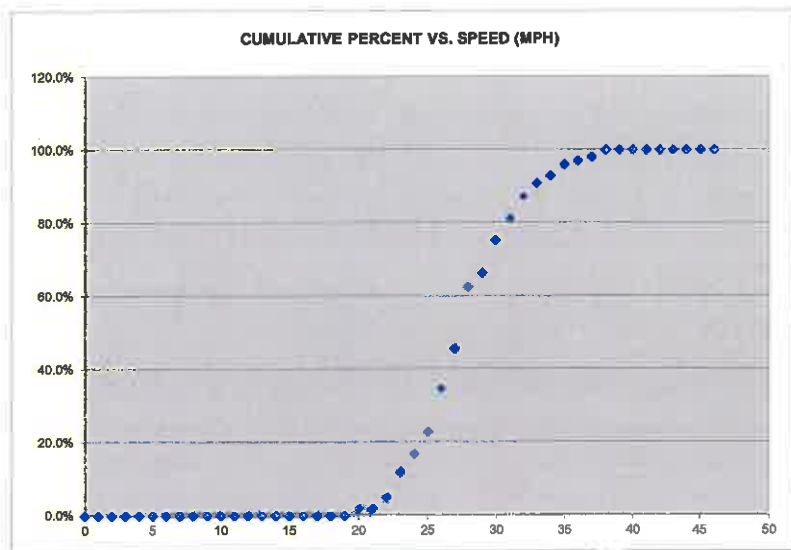
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

28	
32	
23	TO 32
82.2%	
12.9%	
5.0%	
20	TO 38
101	
28.1	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	2	2.0%	2.0%
21	0	0.0%	2.0%
22	3	3.0%	5.0%
23	7	6.9%	11.9%
24	5	5.0%	16.8%
25	6	5.9%	22.8%
26	12	11.9%	34.7%
27	11	10.9%	45.5%
28	17	16.8%	62.4%
29	4	4.0%	66.3%
30	9	8.9%	75.2%
31	6	5.9%	81.2%
32	6	5.9%	87.1%
33	4	4.0%	91.1%
34	2	2.0%	93.1%
35	3	3.0%	96.0%
36	1	1.0%	97.0%
37	1	1.0%	98.0%
38	2	2.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Western Dr.

Limits: Meter St. & High St.

City General Plan Roadway Classification: Collector

Width: 28-feet

Critical Speed (85th percentile): 36 mph

Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 4 total, 3 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment and segment meets residential density requirement of CVC 627 for a 5 mph reduction.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **30 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#71 WESTERN (MEDER-HIGH)
NB & SB
1/25/2016
2:44 PM
30

DATE

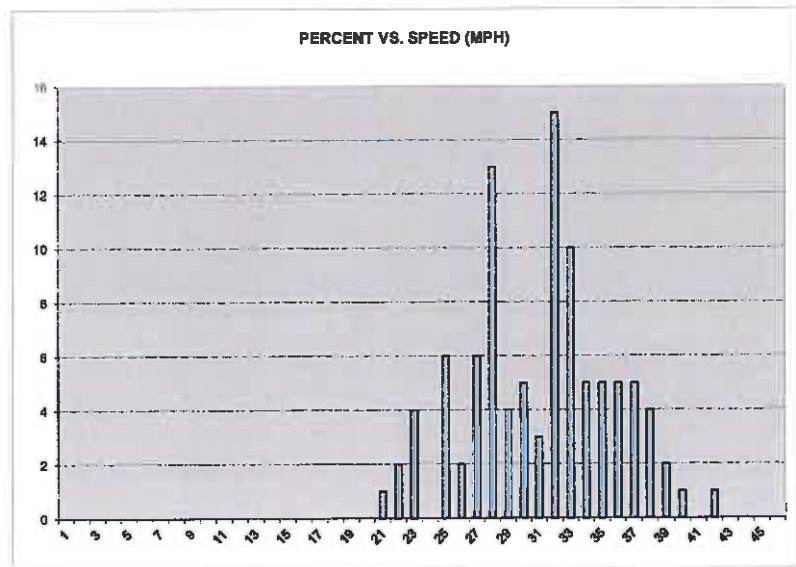
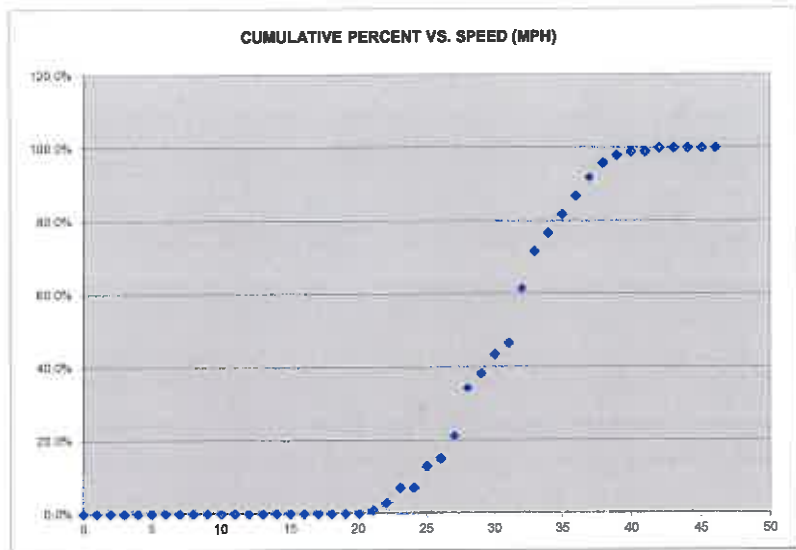
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
 85TH PERCENTILE SPEED
 10 MPH PACE SPEED
 PERCENT IN PACE SPEED
 PERCENT OVER PACE SPEED
 PERCENT UNDER PACE SPEED
 RANGE OF SPEEDS
 VEHICLES OBSERVED
 AVERAGE SPEED

32	
36	
27	TO 36
71.7%	
13.1%	
15.2%	
21	TO 42
99	
31.1	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	0	0.0%	0.0%
16	0	0.0%	0.0%
17	0	0.0%	0.0%
18	0	0.0%	0.0%
19	0	0.0%	0.0%
20	0	0.0%	0.0%
21	1	1.0%	1.0%
22	2	2.0%	3.0%
23	4	4.0%	7.1%
24	0	0.0%	7.1%
25	6	6.1%	13.1%
26	2	2.0%	15.2%
27	6	6.1%	21.2%
28	13	13.1%	34.3%
29	4	4.0%	38.4%
30	5	5.1%	43.4%
31	3	3.0%	46.5%
32	15	15.2%	61.6%
33	10	10.1%	71.7%
34	5	5.1%	76.8%
35	5	5.1%	81.8%
36	5	5.1%	86.9%
37	5	5.1%	91.9%
38	4	4.0%	96.0%
39	2	2.0%	98.0%
40	1	1.0%	99.0%
41	0	0.0%	99.0%
42	1	1.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





PUBLIC WORKS DEPARTMENT
Transportation Division

Street: Woodrow Ave.

Limits: Errett Circle & Westcliff Dr.

City General Plan Roadway Classification: Collector

Width: 70-feet

Critical Speed (85th percentile): 29 mph

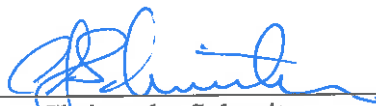
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 6 total, 1 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 option 2) The speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC 21400 (b).

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/18

Vehicle Speed Survey Sheet

DIRECTIONS

#72 WOODROW (WEST CLIFF- ERRET) NB & SB
DATE 3/23/2016
TIME 10:25 AM
POSTED SPEED LIMIT (no sign) 25

DATE

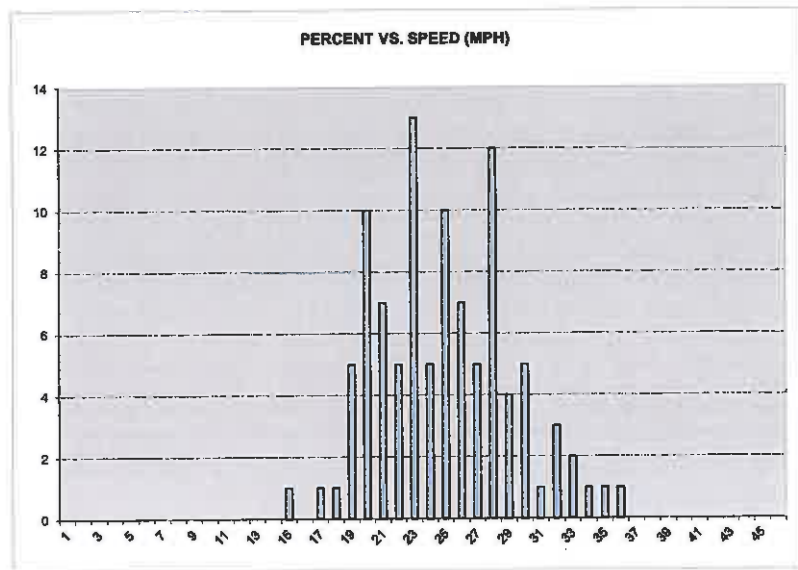
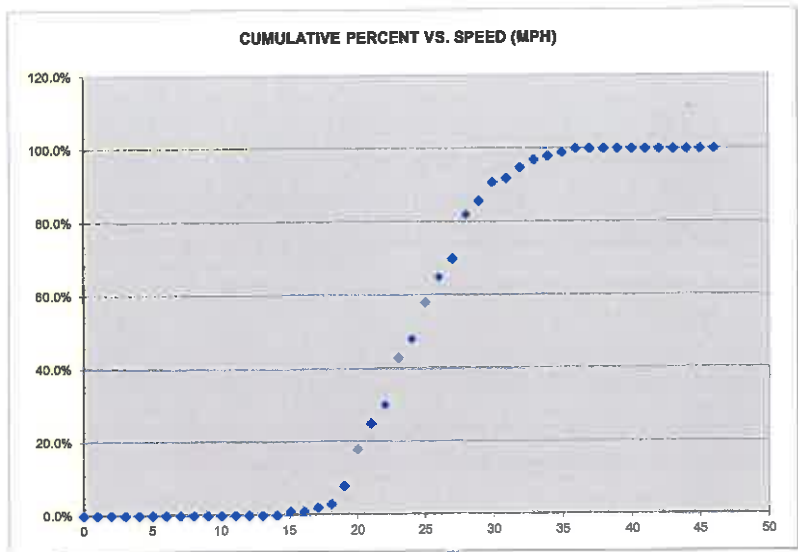
TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED 25
 85TH PERCENTILE SPEED 29
 10 MPH PACE SPEED 19 TO 28
 PERCENT IN PACE SPEED 79.0%
 PERCENT OVER PACE SPEED 18.0%
 PERCENT UNDER PACE SPEED 3.0%
 RANGE OF SPEEDS 15 TO 36
 VEHICLES OBSERVED 100
 AVERAGE SPEED 24.9

25	
29	
19	TO 28
79.0%	
18.0%	
3.0%	
15	TO 36
100	
24.9	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	1	1.0%	1.0%
16	0	0.0%	1.0%
17	1	1.0%	2.0%
18	1	1.0%	3.0%
19	5	5.0%	8.0%
20	10	10.0%	18.0%
21	7	7.0%	25.0%
22	5	5.0%	30.0%
23	13	13.0%	43.0%
24	5	5.0%	48.0%
25	10	10.0%	58.0%
26	7	7.0%	65.0%
27	5	5.0%	70.0%
28	12	12.0%	82.0%
29	4	4.0%	86.0%
30	5	5.0%	91.0%
31	1	1.0%	92.0%
32	3	3.0%	95.0%
33	2	2.0%	97.0%
34	1	1.0%	98.0%
35	1	1.0%	99.0%
36	1	1.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%





**PUBLIC WORKS DEPARTMENT
Transportation Division**

Street: Younglove Ave.

Limits: Mission St. & Errett Circle

City General Plan Roadway Classification: Collector

Width: 37-feet

Critical Speed (85th percentile): 27 mph

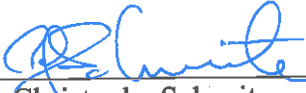
Unusual Conditions/Allowable Considerations per CVC:

Reported Collisions: 2010 through 2015, 4 total, 2 injury

Adjacent Land Use: Residential

Speed reduction justification: CA MUTCD 2B-13 Round to the nearest 5 mph increment.

Recommendation: On the basis of this Engineering and Traffic Survey, as reported above, and in accordance with the provisions of California Vehicle Code Sections 22348 through 22413, and pertinent provisions found in Sections 627 and 40802, a speed limit of **25 mph** is hereby determined reasonable and appropriate for this street segment.

Signed: 
Christophe Schneider
Title: City Engineer

Date: 10/9/10

Vehicle Speed Survey Sheet

DIRECTIONS

#73 YOUNGLOVE (MISSION- ERRETT CIRCLE) NB & SB
8/8/2016
10 25 AM
(no sign) 25

DATE

TIME

POSTED SPEED LIMIT

50TH PERCENTILE SPEED
85TH PERCENTILE SPEED
10 MPH PACE SPEED
PERCENT IN PACE SPEED
PERCENT OVER PACE SPEED
PERCENT UNDER PACE SPEED
RANGE OF SPEEDS
VEHICLES OBSERVED
AVERAGE SPEED

23	
27	
18	TO 27
83.0%	
13.0%	
4.0%	
15	TO 32
100	
22.8	

MPH	NO.	PCT.	CUM PCT.
0	0	0.0%	0.0%
1	0	0.0%	0.0%
2	0	0.0%	0.0%
3	0	0.0%	0.0%
4	0	0.0%	0.0%
5	0	0.0%	0.0%
6	0	0.0%	0.0%
7	0	0.0%	0.0%
8	0	0.0%	0.0%
9	0	0.0%	0.0%
10	0	0.0%	0.0%
11	0	0.0%	0.0%
12	0	0.0%	0.0%
13	0	0.0%	0.0%
14	0	0.0%	0.0%
15	3	3.0%	3.0%
16	0	0.0%	3.0%
17	1	1.0%	4.0%
18	10	10.0%	14.0%
19	4	4.0%	18.0%
20	10	10.0%	28.0%
21	11	11.0%	39.0%
22	10	10.0%	49.0%
23	14	14.0%	63.0%
24	4	4.0%	67.0%
25	11	11.0%	78.0%
26	3	3.0%	81.0%
27	6	6.0%	87.0%
28	4	4.0%	91.0%
29	3	3.0%	94.0%
30	4	4.0%	98.0%
31	1	1.0%	99.0%
32	1	1.0%	100.0%
33	0	0.0%	100.0%
34	0	0.0%	100.0%
35	0	0.0%	100.0%
36	0	0.0%	100.0%
37	0	0.0%	100.0%
38	0	0.0%	100.0%
39	0	0.0%	100.0%
40	0	0.0%	100.0%
41	0	0.0%	100.0%
42	0	0.0%	100.0%
43	0	0.0%	100.0%
44	0	0.0%	100.0%
45	0	0.0%	100.0%
46	0	0.0%	100.0%

