

ENGINEERING AND TRAFFIC SURVEY FOR SPEED LIMITS

Draft Report

June 10, 2015

Prepared for:



Prepared by: Kimley »Horn



<u>CERTIFICATION</u>

I, Brian E. Sowers, do hereby certify that this Engineering and Traffic Survey for the City of Fremont was performed under my supervision. I certify that I am experienced in performing surveys of this type and duly registered in the State of California as a professional Civil Engineer.

Brian E. Sowers 06/30/2016

RCE# 60296

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1.0 INTRODUCTION

This Engineering and Traffic Survey is intended to serve as the basis for the establishment and enforcement of speed limits for selected streets within the City of Fremont. This survey was authorized by the City and independently conducted by the private consulting firm Kimley-Horn and Associates, Inc (Kimley-Horn).

Engineering and traffic surveys for speed limits are regularly conducted once every five (5) years by governing municipalities for the purpose of complying with Section 40802(a) of the *California Vehicle Code (CVC)* and the national *Uniform Vehicle Code*. Engineering and traffic surveys may be extended to every seven (7) years if criteria is met, or every ten (10) years if a registered engineer evaluates the section of the highway and determines that no significant changes in roadway or traffic conditions have occurred as specified in Section 40802(c) of the *California Vehicle Code (CVC)*. In addition, an engineering and traffic survey should be conducted on newly constructed roadways or roadways where the roadway conditions have significantly changed.

1.1 Regulations and Guidelines

Division 11, Chapter 7, of the <u>2015 California Vehicle Code</u> defines the California Speed Laws. Section 22352 of the CVC indicates that prima facie speed limits are 15 miles per hour (mph) at unprotected railroad grade crossings, highway intersections with site restrictions, and on any alley. In addition, the prima facie speed limit is 25 mph in residential and business districts, when approaching or passing a school building or grounds thereof or when passing a senior center or other facility primarily used by senior citizens. Division 1 of the CVC defines a business district and residence district in Section 235 and 515, respectively.

"A "business district" is that portion of a highway and the property contiguous thereto (a) upon one side of which highway, for a distance of 600 feet, 50 percent or more of the contiguous property fronting thereon is occupied by buildings in use for business, or (b) upon both sides of which highway, collectively, for a distance of 300 feet, 50 percent or more of the contiguous property fronting thereon is so occupied. A business district may be longer than the distances specified in this section if the above ratio of buildings in use for business to the length of the highway exists.¹"

¹ California Department of Motor Vehicles, <u>California Vehicle Code</u>, Division 1, Section 235, 2015.

"A "residence district" is that portion of a highway and the property contiguous thereto, other than a business district, (a) upon one side of which highway, within a distance of a quarter of a mile, the contiguous property fronting thereon is occupied by 13 or more separate dwelling houses or business structures, or (b) upon both sides of which highway, collectively, within a distance of a quarter of a mile, the contiguous property fronting thereon is occupied by 16 or more separate dwelling houses or business structures. A residence district may be longer than one-quarter of a mile if the above ratio of separate dwelling houses or business structures to the length of the highway exists.²"

Section 22357(a) permits the establishment of speed limits greater than 25 mph based on the following text:

"Whenever a local authority determines upon the basis of an engineering and traffic survey that a speed greater than 25 miles per hour would facilitate the orderly movement of vehicular traffic and would be reasonable and safe upon any street other than a state highway otherwise subject to a prima facie limit of 25 miles per hour, the local authority may by ordinance determine and declare a prima facie speed limit of 30, 35, 40, 45, 50, 55, or 60 miles per hour or a maximum speed limit of 65 miles per hour, whichever is found most appropriate to facilitate the orderly movement of traffic and is reasonable and safe.³"

Therefore, the CVC allows local authorities to increase or decrease the prima facie limits by ordinance or resolution to appropriate limits as determined by an engineering and traffic survey. Posted speed limits not defined in the CVC or established by ordinance are not valid. The CVC requires that speed surveys must be performed with the use of radar or other electronic devices at locations where speed limits are to be enforced with the use of radar. The current survey must be completed within five years as specified in Section 40802(a); seven years as specified in Section 40802(c), or ten years as specified in Section 40802(c), of the date of the preceding survey. A survey allowed to expire passed the valid duration of the previous survey would constitute a speed trap as defined in Sections 40802(a) and 40802(b) of the CVC:

"(1) A particular section of a highway measured as to distance and with boundaries marked, designated, or otherwise determined in order that the speed

City of Fremont

² California Department of Motor Vehicles, <u>California Vehicle Code</u>, Division 1, Section 515, 2015.

³ California Department of Motor Vehicles, <u>California Vehicle Code</u>, Division 11. Chapter 7, Section 22357(a), 2015.

of a vehicle may be calculated by securing the time it takes the vehicle to travel the known distance.

(2) A particular section of a highway with a prima facie speed limit that is provided by this code or by local ordinance under subparagraph (A) of paragraph (2) of subdivision (a) of Section 22352, or established under Section 22354, 22357, 22358, or 22358.3, if that prima facie speed limit is not justified by an engineering and traffic survey conducted within five years prior to the date of the alleged violation, and enforcement of the speed limit involves the use of radar or any other electronic device that measures the speed of moving objects. This paragraph does not apply to a local street, road, or school zone.

(b) (1) For purposes of this section, a local street or road is one that is functionally classified as "local" on the "California Road System Maps," that are approved by the Federal Highway Administration and maintained by the Department of Transportation. When a street or road does not appear on the "California Road System Maps," it may be defined as a "local street or road" if it primarily provides access to abutting residential property and meets the following three conditions:

(A) Roadway width of not more than 40 feet.

(B) Not more than one-half of a mile of uninterrupted length. Interruptions shall include official traffic control signals as defined in Section 445.

(C) Not more than one traffic lane in each direction.

(2) For purposes of this section "school zone" means that area approaching or passing a school building or the grounds thereof that is contiguous to a highway and on which is posted a standard "SCHOOL" warning sign, while children are going to or leaving the school either during school hours or during the noon recess period. "School zone" also includes the area approaching or passing any school grounds that are not separated from the highway by a fence, gate, or other physical barrier while the grounds are in use by children if that highway is posted with a standard "SCHOOL" warning sign.4"

⁴ California Department of Motor Vehicles, <u>California Vehicle Code</u>, Division 17. Chapter 2, Section 40802, 2015.

1.2 Requirements and Methodology of an Engineering and Traffic Study

Speed zones are primarily established to protect the public from the unreasonable behavior of reckless, unreliable, or otherwise dangerous drivers. Speed limits are generally established at or near the 85th percentile speed, which is defined as the speed at or below which 85 percent of traffic is moving. Speed limits established on this basis conform to the consensus of those who drive on the roadways as to what speed is reasonable and safe, and are not dependent on the judgment of one or a few individuals.

The Engineering and Traffic Survey, as defined in Section 627 of the CVC, must consider the prevailing speeds, collision records, pedestrian and bicycle activity, and roadway traffic and roadside conditions not readily apparent to the driver. Speed zones are also established to advise motorists of road conditions or hazards, which may not be readily apparent to a reasonable driver. For this reason, a field review of related road/traffic variables is conducted which is considered in combination with the statistical data and collision history of a particular roadway segment to determine a safe and reasonable speed limit. The specific procedures used in the performance of an Engineering and Traffic Study are outlined in the *2014 California MUTCD*. The statistical factors used to analyze the collected speed survey data and additional factors as noted in the *2014 California MUTCD* to consider are defined in the following section.

2.0 SPEED SURVEY EVALUATION

One hundred and forty five (145) locations were evaluated by Kimley-Horn and included in this report. These roadway sections and limits of the sections are listed in Table 1.

NO	STREET	LIMIT 1	LIMIT 2
1	Albrae Street	Stevenson Blvd	Stewart Ave
2	Albrae Street	Stewart Ave	Christy St
3	Alvarado Blvd	Deep Creek Rd	City Limits
4	Antelope Drive	Mission Blvd	Boar Circle
5	Ardenwood Blvd	Union City Limit	Newark City Limit
6	Argonaut Way	Mowry Ave	Walnut Ave
7	Auto Mall Parkway	Westerly end	Boyce Road
8	Auto Mall Parkway	Boyce Road	I-880
9	Auto Mall Parkway	I-880	Fremont Blvd
10	Auto Mall Parkway	Fremont Blvd	I-680
11	Bayside Pkwy	Warren Ave	Bayview Dr
12	Bayview Drive	Lakeview Blvd	Fremont Blvd
13	Beacon Avenue	Fremont Blvd	Liberty St
14	Blacow Road	Fremont Blvd	Stevenson Blvd
15	Blacow Road	Stevenson Blvd	Central Ave
16	Blacow Road	Central Ave	Thornton Ave
17	Boscell Road	Stewart Ave	Auto Mall Pkwy
18	Boscell Road	Auto Mall Pkwy	Bunche Dr
19	Boyce Road	Stevenson Blvd	Auto Mall Pkwy
20	Business Center Dr/Technology Pl	Grimmer Blvd	Technology Dr
21	Capitol Avenue	Paseo Padre Pkwy	State St
22	Central Avenue	Fremont Blvd	Blacow Road
23	Central Avenue	Blacow Rd	1-880
24	Christy Street	Stewart Ave	Auto Mall Pkwy
25	Christy Street	Auto Mall Pkwy	Brandin Ct
26	Christy Street	Brandin Ct	Southerly end
27	Civic Center Drive	Mowry Ave	Bart Way
28	Civic Center Drive	Bart Way	Stevenson Blvd
29	Commerce Drive	Ardenwood Blvd	Paseo Padre Pkwy
30	Commerce Drive	Paseo Padre Pkwy	Tupelo St
31	Cougar Drive	Mission Blvd	Cougar Circle
32	Country Drive	Fremont Blvd	Stivers St
33	Curie Street	Christy St	Boscell Rd
34	Cushing Parkway	Auto Mall Pkwy	Bunche Dr
35	Cushing Parkway	Bunche Dr	South end of causeway
36	Cushing Parkway	South end of causeway	Fremont Blvd

Table 1: Survey Locations and Limits Evaluated by Kimley-Horn

NO	STREET	LIMIT 1	LIMIT 2
37	Decoto Road	City Limits	Fremont Blvd
38	Decoto Road	Fremont Blvd	I-880
39	Deep Creek Road	Paseo Padre Pkwy	Ridgewood Dr
40	Deep Creek Road	Alvarado Blvd	Paseo Padre Pkwy
41	Driscoll Road	Mission Blvd	Paseo Padre Pkwy
42	Driscoll Road	Paseo Padre Pkwy	Washington Blvd
43	Dumbarton Circle	Paseo Padre Pkwy	Kaiser Dr
44	Durham Road	I-680	Mission Blvd
45	Dusterberry Way	Central Ave	Thornton Ave
46	Enterprise Street	Grimmer Blvd	Grimmer Blvd
47	Farwell Drive	Brophy Dr	Flamingo Ln
48	Fremont Boulevard	Beard Rd	Decoto Rd
49	Fremont Boulevard	Decoto Rd	Thornton Ave
50	Fremont Boulevard	Peralta Blvd	Central Ave
51	Fremont Boulevard	Central Ave	Mowry Ave
52	Fremont Boulevard	Mowry Ave	Stevenson Blvd
53	Fremont Boulevard	Stevenson Blvd	Washington Blvd
54	Fremont Boulevard	Washington Blvd	Auto Mall Pkwy
55	Fremont Boulevard	Auto Mall Pkwy	I-880
56	Fremont Boulevard	I-880	Warren Ave
57	Fremont Boulevard	Warren Ave	Lakeview Blvd
58	Gallaudet Drive	Walnut Ave	Stevenson Blvd
59	Gateway Blvd	Fremont Blvd	Lakeview Blvd
60	Grimmer Blvd (South)	Paseo Padre Pkwy	Osgood Rd
61	Grimmer Blvd (South)	Osgood Rd	Fremont Blvd
62	Grimmer Blvd (South)	Fremont Blvd	Auto Mall Pkwy
63	Grimmer Blvd	Auto Mall Pkwy	Blacow Road
64	Grimmer Blvd	Blacow Rd	Fremont Blvd
65	Grimmer Blvd	Fremont Blvd	Paseo Padre Pkwy
66	Guardino Drive	Stevenson Blvd	Mowry Ave
67	Hansen Avenue	Blacow Rd	Yolo Terrace
68	Hansen Avenue	Yolo Terrace	Dusterberry Wy
69	Hastings Street	Capitol Ave	Country Drive
70	High Street	Grimmer Blvd	Chapel Wy
71	Irvington Avenue	Fremont Blvd	Grimmer Blvd
72	Isherwood Way	Paseo Padre Pkwy	City Limits
73	Kaiser Drive	Ardenwood Blvd	Paseo Padre Pkwy
74	Kato Road	Warm Springs Blvd	Milmont Dr
75	Kato Road	Milmont Dr	Warren Ave
76	Lakeview Boulevard	Fremont Blvd	Warren Ave
77	Landing Parkway	Fremont Blvd	Warren Ave
78	Liberty Street	Stevenson Blvd	Capitol Ave
79	Lowry Road	Alvarado Blvd	City Limits

Table 1, continued: Survey Locations and Limits Evaluate	ed by	/ Kimley-Horn
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NO	STREET	LIMIT 1	LIMIT 2
80	Milmont Drive	Page Ave	City Limits
81	Mission Boulevard	Mission Road	St. Joseph Terr
82	Mission Boulevard	St. Josephs Terr	Pine St
83	Mission Boulevard	Pine St	Durham Rd
84	Mission Boulevard	Durham Rd	Curtner Rd
85	Mowry Avenue	Peralta Blvd	Paseo Padre Pkwy
86	Mowry Avenue	Paseo Padre Pkwy	Argonaut Wy
87	Mowry Avenue	Argonaut Wy	1-880
88	Niles Blvd	City Limits	Rock Ave
89	Niles Blvd	Rock Ave	Hillview Dr
90	Nobel Drive	Auto Mall Pkwy	Cushing Pkwy
91	Northport Loop	Cushing	Cushing
92	Old Canyon Road	Clarke Dr	Niles Canyon Rd
93	Old Warm Springs Boulevard	Fremont Blvd	Grimmer Blvd
94	Osgood Road	Washington Blvd	Auto Mall Pkwy
95	Osgood Road	Auto Mall Pkwy	Grimmer Blvd
96	Overacker Avenue	Walnut Ave	Mowry Ave
97	Pacific Commons Boulevard	Auto Mall Pkwy	Bunche Dr
98	Page Avenue	Kato Rd	Milmont Dr
99	Paseo Padre Parkway	City Limits	Ardenwood Blvd
100	Paseo Padre Parkway	Ardenwood Blvd	Fremont Blvd
101	Paseo Padre Parkway	Fremont Blvd	Decoto Rd
102	Paseo Padre Parkway	Decoto Rd	Thornton Ave
103	Paseo Padre Parkway	Thornton Ave	Peralta Blvd
104	Paseo Padre Parkway	Peralta Blvd	Mowry Ave
105	Paseo Padre Parkway	Mowry Ave	Stevenson Blvd
106	Paseo Padre Parkway	Stevenson Blvd	Driscoll Rd
107	Paseo Padre Parkway	Driscoll Rd	Quema Dr
108	Paseo Padre Parkway	Quema Dr	Durham Rd
109	Paseo Padre Parkway	Durham Rd	Onondaga Wy
110	Paseo Padre Parkway	Onondaga Wy	Mission Blvd
111	Paseo Padre Parkway	Mission Blvd	Curtner Rd
112	Peralta Boulevard	Fremont Blvd	Dusterberry Wy
113	Pickering Avenue	Mission Blvd	easterly end
114	Pine Street	Mission Blvd	Paseo Padre Pkwy
115	Pine Street	Paseo Padre Pkwy	Sabercat Rd
116	Rancho Arroyo Parkway	Niles Blvd	Riviera Dr
117	Roberts Avenue	Blacow Rd	Main St
118	Sabercat Road	Durham Rd	northerly end
119	Scott Creek Road	Warm Springs Blvd	I-680
120	Scott Creek Road	I-680	Easterly end
121	Shinn Street	Peralta Blvd	Von Euw Common
122	Solar Way	Grimmer	Technology

NO	STREET	LIMIT 1	LIMIT 2
123	State Street	Beacon Rd	Mowry Ave
124	Stevenson Boulevard	Mission Blvd	Civic Center Dr
125	Stevenson Boulevard	Civic Center Dr	Fremont Blvd
126	Stevenson Boulevard	Fremont Blvd	Blacow Road
127	Stevenson Boulevard	Blacow Rd	I-880
128	Stevenson Boulevard	I-880	Westerly end
129	Stewart Avenue	Albrae St	Boyce Rd
130	Sundale Drive	Liberty St	Fremont Blvd
131	Technology Drive	Auto Mall Pkwy	Grimmer Blvd
132	Thornton Avenue	Fremont Blvd	easterly end
133	Vargas Road	I-680	City Limits
134	Walnut Avenue	Argonaut Wy	Fremont Blvd
135	Walnut Avenue	Fremont Blvd	Paseo Padre Pkwy
136	Walnut Avenue	Paseo Padre Pkwy	Mission Blvd
137	Warm Springs Boulevard	Grimmer Blvd	Brown Rd
138	Warm Springs Boulevard	Brown Rd	Warren Ave
139	Warm Springs Boulevard	Warren Ave	City Limits
140	Warren Avenue	Curtner Rd	Warm Springs Blvd
141	Warren Avenue	Warm Springs Blvd	I-880
142	Warren Avenue	I-880	Fremont Blvd
143	Washington Boulevard	Fremont Blvd	Driscoll Rd
144	Washington Boulevard	Driscoll Rd	Paseo Padre Pkwy
145	Washington Boulevard	Paseo Padre Pkwy	Mission Blvd

Table 1, continued: Survey Locations and Limits Evaluated by Kimley-Horn

2.1 Field Review

Speed data was collected using manual radar surveys performed by a sub-consultant to Kimley-Horn, All Traffic Data, Inc. (ATD). Each of the radar speed checks were made from an inconspicuously parked, unmarked vehicle. An effort was made to ensure that the presence of the vehicle in no way affected the speed of the traffic being surveyed. Field information from these speed surveys and other roadway characteristics were recorded on field data forms and later coded into engineering software for analysis purposes. Chapter 2B of the *2014 California MUTCD* indicates that it is desirable to have a minimum sample of 100 vehicles for a speed zone survey for an arterial street. This may result in excessive survey periods for low volume roadways, but a survey should not contain less than 50 vehicles. In addition, average daily traffic volumes (ADT) were collected at all the locations.

Examples of the field data collected for the purposes of analyzing related roadway characteristics as they pertain to the determination of appropriate speed limits are listed

below. The results of the field review for related roadway and traffic variables are summarized in the Engineering and Traffic Survey forms included in the Appendix.

- 1. Segment length, width and alignment;
- 2. Level of pedestrian, bicycle, and truck activity
- 3. Traffic flow characteristics;
- 4. Number of lanes and other channelization/striping factors;
- 5. Frequency of intersections, driveways, on-street parking, bike lanes;
- 6. Locations of stop signs, traffic signals, and other regulatory traffic control devices;
- 7. Pavement condition;
- 8. Obstructions to driver/pedestrian visibility;
- 9. Land use and proximity of schools, parks/recreation areas and senior centers;
- 10. Uniformity with existing speed zones in adjacent jurisdictions; and,
- 11. Any other unusual conditions or hazards not readily apparent to the driver.

2.2 Statistical Analysis Factors

Significant factors used to analyze the collected survey data are summarized below:

- 1. 85th Percentile Speed. The Critical Speed, or the 85th percentile speed, is defined as that speed at or below which 85 percent of the traffic is moving. This factor is the primary guide in determining what speeds the majority of safe and reasonable drivers are traveling. Therefore, the practice is to set the speed limit to the nearest 5 mph increment from the critical speed unless other factors require a lower limit. Speed limits set on this basis provide law enforcement officials with a means of controlling reckless or unreliable drivers who will not conform to what the majority finds reasonable.
- 2. The 10-mph Pace. The 10-mph Pace is the 10-mph increment range, which contains the largest number of recorded vehicles. The pace is a measure of the dispersion of speeds within the sample surveyed. Speed limits should normally be set to fall within the 10-mph pace. However, conditions not readily apparent to the driver or adhering to State mandated limits such as in Residence Districts may require setting speed limits below the 10-mph pace.
- 3. 50th Percentile Speed. The Median Speed, or 50th Percentile Speed, represents the mid-point value within the range of recorded speeds for a particular roadway location. In other words, 50 percent of the vehicles travel faster than and 50 percent travel slower than, the median speed. This value is another measure of the central tendency of the vehicle speed distribution. Typically speed limits

should not be set below the 50th Percentile Speed, since it would result in greater than 50-percent of the drivers exceeding the speed limit.

- 4. 15th Percentile Speed. The 15th Percentile Speed is that speed at or below which 15 percent of the vehicles are traveling. This value is important in determining the minimum allowable speed limit, given that the vehicles traveling below this speed tend to obstruct the flow of traffic, thereby increasing the collision potential.
- 5. Percent of Vehicles in Pace Speed. The percent of vehicles in the 10-mph pace speed is an indication of the grouping of vehicular speeds. Ideally, if all vehicles were traveling at or about the same speed, there would be a reduced likelihood of vehicular collisions. In speed limit analysis, the higher the percent of vehicles within the pace speed, the more favorable the speed distribution. The percent of the 10-mph pace is often between 60 and 90 percent.

2.3 2014 California MUTCD Guidance between Adjacent Segments

Based on the <u>2014 California MUTCD</u>, the guidance for establishing speed limits has been modified and the new documentation indicates that speed limits "shall be established at the nearest 5 mph increment of the 85th-percentile speed of free-flowing traffic.⁵" In matching existing conditions with the traffic safety needs of the community, engineering judgment may indicate the need for a reduction of the posted speed limit by 5 mph due to specific factors such as road characteristics, the pace speed, roadside development and environment, parking practices and pedestrian activity, and collision history. The following are some factors as noted in the 2014 California MUTCD to consider when establishing speed limits between adjacent street segments:

- 1. Avoid Short Segments. Short speed zones of less than 1/2 mile should be avoided, except in transition areas.
- 2. Change in Roadway Conditions or Roadside Development. Speed zone changes should be coordinated with changes in roadway conditions or roadside development.

⁵ California Department of Transportation, 2014 California MUTCD, Chapter 2B, page 134, 7 November 2014.

2.4 Collision History

The Engineering and Traffic Survey forms summarize the available collision information for each of the street segments. The collision information was obtained from the City of Fremont from January 1, 2011 to April 17, 2015. For this analysis, only collisions during the 4-year period between April 18, 2011 and April 17, 2015 were considered. The collisions were reviewed and corridor related collisions, those not related to signalized intersections, were summarized for each segment. Based on the number of total collisions studied over the 4-year period and ADT counts, a collision rate per million vehicle miles was calculated for each segment. To provide a general comparison of the collision rates on the segments to expected collisions rates for similar types of local roadways, the collision rates for each segment were compared to the statewide average rate listed in the 2010 Collision Data on California State Highways (road miles, travel, collisions, collision rates) as listed in Table 2.

Lane Type	Total Collision Rate Per Million Vehicle Miles (3-year rates for 2008, 2009, and 2010)
2&3 Lanes	1.46
4 lanes (undivided highway)	1.99
4 lanes (divided highway)	1.55

Table 2: 2010 California State Highways Collision Rates

3.0 RESULTS AND RECOMMENDATIONS

The recommendations contained in this report are intended to establish prima facie speed limits. Prima facie limits attempt to advise the motorist and enforcement of the reasonable speed for a particular section of roadway for the prevailing conditions. In many cases, the recommendations made produce a uniform speed limit along the road. As a result, the speed limits in adjacent jurisdictions were considered as well as along the various street segments surveyed within the City of Fremont.

The Engineering and Traffic Survey forms, presented in the Appendix, illustrate the results of a thorough evaluation of the available data and indicate a recommended speed limit for each of the street segments surveyed. A summary of the data analysis, along with recommended speed limits can be found in Table 3.

No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
1	Albrae Street between Stevenson Boulevard and Stewart Avenue	30	30	32.7	29.2	25 – 34	89.4	85th-percentile speed rounded down per CVC Section 21400(b)
2	Albrae Street between Stewart Avenue and Christy Street	40	40	41.2	34.7	30 – 39	71.2	85th-percentile speed
3	Alvarado Boulevard between Deep Creek Road and City Limits	45	45	46.0	40.3	36 - 45	63.8	85th-percentile speed
4	Antelope Drive between Mission Boulevard and Boar Circle	25	25	40.6	35.8	31 – 40	71.2	Due to the roadway width and fronting residential, a speed limit of 25 mph is recommended.
5	Ardenwood Boulevard between Union City Limit and Newark City Limit	45	45	44.7	33.5	34 - 43	65.9	85th-percentile speed
6	Argonaut Way between Mowry Avenue and Walnut Avenue	30	30	36.3	32.4	29 - 38	88.5	85th-percentile speed downgraded 5 mph due to fronting residential and uncontrolled crosswalk

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Table 3: Speed Survey Recommendations

City of Fremont

No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
7	Auto Mall Parkway between Westerly end and Boyce Road	45	45	43.8	40.2	36 - 45	47.1	85th-percentile speed
8	Auto Mall Parkway between Boyce Road and I-880	40	35	37.2	33.6	30 – 39	90.0	85th-percentile speed
9	Auto Mall Parkway between I-880 and Fremont Boulevard	45	45	45.9	41.1	38 – 47	68.9	85th-percentile speed
10	Auto Mall Parkway between Fremont Boulevard and I-680	45	45	47.4	43.3	38 – 47	74.7	85th-percentile speed
11	Bayside Parkway between Warren Avenue and Bayview Drive	35	40	38.3	34.8	31 – 40	92.7	85th-percentile speed
12	Bayview Drive between Lakeview Boulevard and Fremont Boulevard	35	35	38.5	34.8	31 – 40	87.3	85th-percentile speed rounded down per CVC Section 21400(b)
13	Beacon Avenue between Fremont Boulevard and Liberty Street	30	30	32.6	28.8	24 - 33	85.0	85th-percentile speed, downgraded 5 mph due to crosswalk visibility and pace range
14	Blacow Road between Fremont Boulevard and Stevenson Boulevard	40	45	46.8	42.1	37 - 46	79.6	85th-percentile speed
15	Blacow Road between Stevenson Boulevard and Central Avenue	40	40	43.0	39.4	35 - 44	92.3	85th-percentile speed downgraded 5 mph due to fronting residential, crosswalks, and school
16	Blacow Road between Central Avenue and Thornton Avenue	35	40	42.9	40.1	35 - 44	85.7	85th-percentile speed downgraded 5 mph due to pace speed, crosswalks, and fronting residential

Table 3,	continued: S	peed Surve	ey Recommend	lations
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No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
17	Boscell Road between Stewart Avenue and Auto Mall Parkway	35	40	40.0	35.5	31 - 40	83.0	85th-percentile speed
18	Boscell Road between Auto Mall Parkway and Bunche Drive	35	35	36.6	33.6	29 - 38	86.8	85th-percentile speed
19	Boyce Road between Stevenson Boulevard and Auto Mall Parkway	45	45	48.4	44.0	40 - 49	84.1	85th-percentile speed rounded down per CVC Section 21400(b)
20	Business Center Drive between Grimmer Boulevard and Technology Drive	40	40	42.1	37.6	35 - 44	78.6	85th-percentile speed
21	Capitol Avenue between Paseo Padre Parkway and State Street	30	30	33.0	29.2	26 - 35	94.1	85th-percentile speed rounded down per CVC Section 21400(b)
22	Central Avenue between Fremont Boulevard and Blacow Road	35	40	42.7	39.2	36 - 45	88.6	85th-percentile speed downgraded 5 mph due to fronting residential and uncontrolled crosswalks
23	Central Avenue between Blacow Road and I-880	35	40	44.0	39.0	35 - 44	79.6	85th-percentile speed rounded down per CVC Section 21400(b)
24	Christy Street between Stewart Avenue and Auto Mall Parkway	35	40	40.0	34.6	30 - 39	80.7	85th-percentile speed
25	Christy Street between Auto Mall Parkway and Brandin Court	35	35	35.8	33.0	28 - 37	91.5	85th-percentile speed
26	Christy Street between Brandin Court and Southerly end	35	35	35.2	32.5	27 - 36	89.4	85th-percentile speed

Table 3, continued: Speed Survey Recommendations

No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
27	Civic Center Drive between Mowry Avenue and BART Way	30	30	27.8	25.2	22 - 31	97.2	85th-percentile speed
28	Civic Center Drive between BART Way and Stevenson Boulevard	30	30	33.6	29.7	27 - 36	91.3	85th-percentile speed rounded down per CVC Section 21400(b)
29	Commerce Drive between Ardenwood Boulevard and Paseo Padre Parkway	35	35	34.3	32.2	28 - 37	94.2	85th-percentile speed
30	Commerce Drive between Paseo Padre Parkway and Tupelo Street	25	30	28.8	24.9	21 - 30	91.9	85th-percentile speed
31	Cougar Drive between Mission Boulevard and Cougar Circle	25	30	34.9	30.1	26 - 35	80.4	85th-percentile speed rounded down per CVC Section 21400(b)
32	Country Drive between Fremont Boulevard and Stivers Street	25/30	30	36.2	30.8	27 - 36	75.4	85th-percentile speed downgraded 5 mph due to high pedestrian activity and proximity to school
33	Curie Street between Christy Street and Boscell Road	30	30	31.1	27.8	23 - 32	84.4	85th-percentile speed
34	Cushing Parkway between Auto Mall Parkway and Bunche Drive	40	45	44.0	40.4	37 - 46	88.3	85th-percentile speed
35	Cushing Parkway between Bunche Drive and South End of Causeway	45	50	50.7	45.3	40 - 49	68.4	85th-percentile speed, pending engineering investigation as required by CVC 22404
36	Cushing Parkway between South End of Causeway and Fremont Boulevard	35	40	42.2	37.7	34 - 43	77.7	85th-percentile speed

Table 3, continued: Speed Survey Recommendations

				•				
No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
37	Decoto Road between City Limits and Fremont Boulevard	40	45	45.9	41.6	37 - 46	76.7	85th-percentile speed
38	Decoto Road between Fremont Boulevard and I-880	40	40	43.0	38.2	34 - 43	74.8	85th-percentile speed rounded down per CVC Section 21400(b)
39	Deep Creek Road between Paseo Padre Parkway and Ridgewood Drive	30	30	34.8	31.9	28 - 37	94.7	85th-percentile speed
40	Deep Creek Road between Alvarado Boulevard and Paseo Padre Parkway	35	35	34.0	30.0	27 - 36	79.9	85th-percentile speed
41	Driscoll Road between Mission Boulevard and Paseo Padre Parkway	40	45	43.3	40.0	36 - 45	90.4	85th-percentile speed
42	Driscoll Road between Paseo Padre Parkway and Washington Boulevard	40	45	44.2	40.0	37 - 46	88.3	85th-percentile speed
43	Dumbarton Circle between Paseo Padre Parkway and Kaiser Drive	40	40	38.5	34.1	30 - 39	82.5	85th-percentile speed
44	Durham Road between I-680 and Mission Boulevard	40	45	43.9	40.2	36 - 45	86.7	85th-percentile speed
45	Dusterberry Way between Central Avenue and Thornton Avenue	35	35	36.7	32.0	27 - 36	75.5	85th-percentile speed
46	Enterprise Street between Grimmer Boulevard and Grimmer Boulevard	25	25	28.9	24.3	20 - 29	82.7	85th-percentile speed rounded down per CVC Section 21400(b)

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No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
47	Farwell Drive between Brophy Drive and Flamingo Lane	25	30	34.2	30.5	27 - 36	93.2	85th-percentile speed rounded down per CVC Section 21400(b)
48	Fremont Boulevard between Beard Road and Decoto Road	40	45	44.1	40.9	37 – 46	90.8	85th-percentile speed
49	Fremont Boulevard between Decoto Road and Thornton Avenue	40	40	44.2	39.7	35 - 44	72.1	85th-percentile speed rounded down per CVC Section 21400(b)
50	Fremont Boulevard between Peralta Boulevard and Central Avenue	30	35	33.0	29.6	25 - 34	90.5	85th-percentile speed
51	Fremont Boulevard between Central Avenue and Mowry Avenue	35	35	37.5	34.9	31 - 40	96.6	85th-percentile speed
52	Fremont Boulevard between Mowry Avenue and Stevenson Boulevard	35	40	43.8	40.3	36 - 45	89.0	85th-percentile speed rounded down per CVC Section 21400(b)
53	Fremont Boulevard between Stevenson Boulevard and Washington Boulevard	35	40	41.9	37.9	34 - 50	92.2	85th-percentile speed
54	Fremont Boulevard between Washington Boulevard and Auto Mall Parkway	40	40	42.8	39.2	35 - 44	81.3	85th-percentile speed rounded down per CVC Section 21400(b)
55	Fremont Boulevard between Auto Mall Parkway and I-880	45	45	47.6	43.5	40 - 49	87.0	85th-percentile speed
56	Fremont Boulevard between I-880 and Warren Avenue	45	45	45.7	42.9	39 - 48	88.9	85th-percentile speed

Table 3, continued: Speed Survey Recommendations

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No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
57	Fremont Boulevard between Warren Avenue and Lakeview Boulevard	45	45	44.5	41.7	37 - 46	94.8	85th-percentile speed
58	Gallaudet Drive between Walnut Avenue and Stevenson Boulevard	35	35	38.3	34.4	31 - 40	87.3	85th-percentile speed downgraded 5 mph due to proximity to schools for the blind and deaf
59	Gateway Boulevard between Fremont Boulevard and Lakeview Boulevard	35	30	29.9	26.1	22 - 31	83.7	85th-percentile speed
60	Grimmer Boulevard (South) between Paseo Padre Parkway and Osgood Road	40	40	42.7	38.9	35 - 44	90.9	85th-percentile speed rounded down per CVC Section 21400(b)
61	Grimmer Boulevard (South) between Osgood Road and Fremont Boulevard	40	45	44.5	41.6	37 - 46	95.8	85th-percentile speed
62	Grimmer Boulevard (South) between Fremont Boulevard and Auto Mall Parkway	40	45	44.1	40.7	36 - 45	86.7	85th-percentile speed
63	Grimmer Boulevard between Auto Mall Parkway and Blacow Road	40	45	44.0	40.9	37 - 46	92.7	85th-percentile speed
64	Grimmer Boulevard between Blacow Road and Fremont Boulevard	40	45	45.4	41.8	37 - 46	80.4	85th-percentile speed
65	Grimmer Boulevard between Fremont Boulevard and Paseo Padre Parkway	35	40	38.9	35.1	32 - 41	92.2	85th-percentile speed
66	Guardino Drive between Stevenson Boulevard and Mowry Avenue	30	35	34.0	30.5	27 - 36	84.8	85th-percentile speed

Table 3, continued: Speed Survey Recommendations

No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
67	Hansen Avenue between Blacow Road and Yolo Terrace	35	35	42.0	36.4	32 - 41	76.9	85th-percentile speed downgraded 5 mph due to proximity to school
68	Hansen Avenue between Yolo Terrace and Dusterberry Way	25	25	24.5	21.7	18 - 27	88.2	85th-percentile speed
69	Hastings Street between Capitol Avenue and Country Drive	30	30	31.2	27.5	22 - 32	85.5	85th-percentile speed
70	High Street between Grimmer Boulevard and Chapel Way	25	30	32.3	27.5	24 - 33	85.0	85th-percentile speed
71	Irvington Avenue between Fremont Boulevard and Grimmer Boulevard	30	30	33.0	29.4	25 - 34	91.4	85th-percentile speed rounded down per CVC Section 21400(b)
72	Isherwood Way between Paseo Padre Parkway and City Limits	35	35	36.6	32.2	27 - 36	75.7	85th-percentile speed
73	Kaiser Drive between Ardenwood Boulevard and Paseo Padre Parkway	40	40	39.4	36.2	31 - 40	82.9	85th-percentile speed
74	Kato Road between Warm Springs Boulevard and Milmont Drive	40	45	46.3	43.8	40 - 49	94.4	85th-percentile speed
75	Kato Road between Milmont Drive and Warren Avenue	40	50	49.5	45.0	41 - 50	74.8	85th-percentile speed
76	Lakeview Boulevard between Fremont Boulevard and Warren Avenue	35	40	40.1	36.5	32 - 41	80.4	85th-percentile speed

Table 3, continued: Speed Sur	rvey Recommendations
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No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
77	Landing Parkway between Fremont Boulevard and Warren Avenue	35	35	34.8	30.7	37 - 36	83.8	85th-percentile speed
78	Liberty Street between Stevenson Boulevard and Capitol Avenue	30	30	31.4	28.6	24 - 33	89.3	85th-percentile speed
79	Lowry Road between Alvarado Boulevard and City Limits	40	40	38.6	33.0	29 - 38	67.9	85th-percentile speed
80	Milmont Drive between Page Avenue and City Limits	40	40	41.0	34.2	29 - 38	67.9	85th-percentile speed
81	Mission Boulevard between Mission Road and St. Josephs Terrace	35	35	39.5	34.6	31 - 40	84.0	85th-percentile speed, rounded down per CVC Section 21400 (b)
82	Mission Boulevard between St. Josephs Terrace and Pine Street	35	35	34.8	31.8	27 - 36	90.4	85th-percentile speed
83	Mission Boulevard between Pine Street and Durham Road	45	45	50.5	44.4	40 - 49	70.7	85th-percentile speed downgraded due to pace speed and to be within 10 mph of adjacent segments
84	Mission Boulevard between Durham Road and Curtner Road	45	45	45.8	42.2	38 - 47	84.4	85th-percentile speed
85	Mowry Avenue between Peralta Boulevard and Paseo Padre Parkway	40	35	37.4	32.6	29 - 38	70.8	85th-percentile speed
86	Mowry Avenue between Paseo Padre Parkway and Argonaut Way	40	40	41.8	36.6	34 - 43	70.4	85th-percentile speed

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No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
87	Mowry Avenue between Argonaut Way and I-880	40	45	47.5	41.8	37 - 46	75.5	85th-percentile speed
88	Niles Boulevard between City Limits and Rock Avenue	40	40	43.7	39.6	36 - 45	81.1	85th-percentile speed, rounded down per CVC Section 21400 (b)
89	Niles Boulevard between Rock Avenue and Hillview Drive	35	35	37.7	32.2	28 - 37	78.0	85th-percentile speed, rounded down per CVC Section 21400 (b)
90	Nobel Drive between Auto Mall Parkway and Cushing Parkway	35	40	40.8	35.3	32 - 41	63.9	85th-percentile speed
91	Northport Loop between Cushing Parkway and Cushing Parkway	No speed limit posted	35	36.2	30.1	27 - 36	62.6	85th-percentile speed
92	Old Canyon Road between Clarke Drive and Niles Canyon Road	35	35	38.3	33.3	31 - 40	72.3	85th-percentile speed, rounded down per CVC Section 21400 (b)
93	Old Warm Springs Boulevard between Fremont Boulevard and Grimmer Boulevard	40	35	36.4	33.4	29 - 38	95.2	85th-percentile speed
94	Osgood Road between Washington Boulevard and Auto Mall Parkway	40	45	48.8	42.6	37 - 46	68.0	85th-percentile speed, rounded down per CVC Section 21400 (b)
95	Osgood Road between Auto Mall Parkway and Grimmer Boulevard	40	45	44.6	41.6	37 - 46	68.0	85th-percentile speed
96	Overacker Avenue between Walnut Avenue and Mowry Avenue	30	35	39.5	33.1	28 - 37	57.4	85th-percentile speed, rounded down per CVC Section 21400 (b)

No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
97	Pacific Commons Boulevard between Auto Mall Parkway and Bunche Drive	30	30	35.0	29.6	24 - 33	63.5	85th-percentile speed downgraded due to pedestrian activity, crosswalks, and width
98	Page Avenue between Kato Road and Milmont Drive	30	35	36.1	29.6	26 - 35	63.5	85th-percentile speed
99	Paseo Padre Parkway between City Limits and Ardenwood Boulevard	45	50	51.5	48.3	44 - 53	85.1	85th-percentile speed
100	Paseo Padre Parkway between Ardenwood Boulevard and Fremont Boulevard	40	45	45.9	42.6	37 - 46	82.8	85th-percentile speed
101	Paseo Padre Parkway between Fremont Boulevard and Decoto Road	40	45	45.2	41.8	38 - 47	90.9	85th-percentile speed
102	Paseo Padre Parkway between Decoto Road and Thornton Avenue	40	50	50.2	46.4	43 - 52	82.8	85th-percentile speed
103	Paseo Padre Parkway between Thornton Avenue and Peralta Boulevard	45	45	47.8	41.2	37 - 46	53.1	85th-percentile speed, rounded down per CVC Section 21400 (b)
104	Paseo Padre Parkway between Peralta Boulevard and Mowry Avenue	35	35	37.1	32.8	29 - 38	71.4	85th-percentile speed
105	Paseo Padre Parkway between Mowry Avenue and Stevenson Boulevard	35	40	41.7	36.2	33 - 42	69.2	85th-percentile speed
106	Paseo Padre Parkway between Stevenson Boulevard and Driscoll Road	35	40	42.8	38.0	34 - 43	74.9	85th-percentile speed, rounded down per CVC Section 21400 (b)

Table 3, continued: Speed Survey Recommendations

Engineering and Traffic Survey for Speed Limits

No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
107	Paseo Padre Parkway between Driscoll Road and Quema Drive	35	45	45.3	39.4	35 - 44	68.1	85th-percentile speed
108	Paseo Padre Parkway between Quema Drive and Durham Road	35	40	42.6	38.5	35 - 44	81.8	85th-percentile speed, rounded down per CVC Section 21400 (b)
109	Paseo Padre Parkway between Durham Road and Onondaga Way	35	40	40.2	36.2	32 - 41	86.7	85th-percentile speed
110	Paseo Padre Parkway between Onondaga Way and Mission Boulevard	35	40	41.8	36.7	33 - 42	80.0	85th-percentile speed
111	Paseo Padre Parkway between Mission Boulevard and Curtner Road	30	35	37.0	33.3	29 - 38	86.1	85th-percentile speed
112	Peralta Boulevard between Fremont Boulevard and Dusterberry Way	35	35	34.8	29.8	26 - 35	70.6	85th-percentile speed
113	Pickering Avenue between Mission Boulevard and Easterly end	25	30	35.0	30.8	27 - 36	83.0	85th-percentile speed downgraded 5 mph due to fronting residential
114	Pine Street between Mission Boulevard and Paseo Padre Parkway	25/30	35	36.8	31.8	27 - 36	82.5	85th-percentile speed
115	Pine Street between Paseo Padre Parkway and Sabercat Road	30	35	34.1	30.7	27 - 36	93.3	85th-percentile speed
116	Rancho Arroyo Parkway between Niles Boulevard and Riviera Drive	30	30	33.4	29.0	26 - 35	74.8	85th-percentile speed, rounded down per CVC Section 21400 (b)

No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
117	Roberts Avenue between Blacow Road and Main Street	25	30	33.4	29.4	24 - 33	77.5	85th-percentile speed, rounded down per CVC Section 21400 (b)
118	Sabercat Road between Durham Road and Northerly end	40	40	43.7	39.6	35 - 44	80.2	85th-percentile speed, rounded down per CVC Section 21400 (b)
119	Scott Creek Road between Warm Springs Boulevard and I-680	40	45	46.3	42.0	38 - 47	80.1	85th-percentile speed
120	Scott Creek Road between I-680 and Easterly end	30	35	35.2	30.4	25 - 34	68.9	85th-percentile speed
121	Shinn Street between Peralta Boulevard and Von Euw Common	25	30	33.1	27.9	24 - 33	67.5	85th-percentile speed, rounded down per CVC Section 21400 (b)
122	Solar Street between Grimmer Boulevard and Technology Drive	25	30	30.7	26.5	22 - 31	66.1	85th-percentile speed
123	State Street between Beacon Road and Mowry Avenue	25	35	37.2	32.0	27 - 36	69.2	85th-percentile speed
124	Stevenson Boulevard between Mission Boulevard and Civic Center Drive	40	45	46.2	41.4	37 - 46	77.3	85th-percentile speed
125	Stevenson Boulevard between Civic Center Drive and Fremont Boulevard	40	40	41.9	37.2	33 - 42	75.7	85th-percentile speed
126	Stevenson Boulevard between Fremont Boulevard and Blacow Road	40	40	43.9	39.2	35 - 44	68.3	85th-percentile speed, rounded down per CVC Section 21400 (b)

Table 3, continued: Speed Survey Recommendations

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No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification
127	Stevenson Boulevard between Blacow Road and I- 880	40	40	45.2	39.1	35 - 44	71.7	85th-percentile speed downgraded 5 mph due to pace speed and for consistency with adjacent segments
128	Stevenson Boulevard between I-880 and Westerly end	40	40	42.9	39.1	34 - 43	76.1	85th-percentile speed, rounded down per CVC Section 21400 (b)
129	Stewart Avenue between Albrae Street and Boyce Road	30	40	41.8	36.4	33 - 42	75.8	85th-percentile speed
130	Sundale Drive between Liberty Street and Fremont Boulevard	30	35	36.6	30.8	27 - 36	73.7	85th-percentile speed
131	Technology Drive between Auto Mall Parkway and Grimmer Boulevard	30	35	35.5	30.9	27 - 36	83.9	85th-percentile speed
132	Thornton Avenue between Fremont Boulevard and easterly end	25/35	25/40	41.4	37.0	33 - 42	83.4	85th-percentile speed
133	Vargas Road between I-680 and City Limits	35	35	37.2	31.0	26 - 35	63.8	85th-percentile speed
134	Walnut Avenue between Argonaut Way and Fremont Boulevard	30	35	35.2	30.3	27 - 36	76.8	85th-percentile speed
135	Walnut Avenue between Fremont Boulevard and Paseo Padre Parkway	35	40	41.2	35.3	30 - 39	69.3	85th-percentile speed
136	Walnut Avenue between Paseo Padre Parkway and Mission Boulevard	35	40	42.3	39.4	35 - 44	86.3	85th-percentile speed, rounded down per CVC Section 21400 (b)

Table 3, continued: Speed Survey Recommendations

No.	Street Segment	Existing Speed Limit (mph)	Recom Speed Limit (mph)	85% Speed (mph)	Median Speed (mph)	10 mph Pace Range (mph)	% of Veh. In Pace	Justification	
137	Warm Springs Boulevard between Grimmer Boulevard and Brown Road	Due to co	Due to construction, data was not collected for this segment.						
138	Warm Springs Boulevard between Brown Road and Warren Avenue	40	40	37.4	30.9	26 - 35	57.3	85th-percentile speed	
139	Warm Springs Boulevard between Warren Avenue and City Limits	45	45	46.8	40.9	38 - 47	67.4	85th-percentile speed	
140	Warren Avenue between Curtner Road and Warm Springs Boulevard	35	40	40.0	35.4	32 - 41	81.3	85th-percentile speed	
141	Warren Avenue between Warm Springs Boulevard and I-880	40	40	43.1	39.8	35 - 44	87.8	85th-percentile speed, rounded down per CVC Section 21400 (b)	
142	Warren Avenue between I-880 and Fremont Boulevard	35	40	40.5	36.4	31 - 40	77.7	85th-percentile speed	
143	Washington Boulevard between Fremont Boulevard and Driscoll Road	25	35	34.6	30.3	26 - 35	82.8	85th-percentile speed	
144	Washington Boulevard between Driscoll Road and Paseo Padre Parkway	40	40	43.5	38.8	35 - 44	76.5	85th-percentile speed, rounded down per CVC Section 21400 (b)	
145	Washington Boulevard between Paseo Padre Parkway and Mission Boulevard	40	40	44.0	40.6	36 - 45	88.5	85th-percentile speed, rounded down per CVC Section 21400 (b)	

Appendix

Engineering and Traffic Survey Forms

CITY OF FREMONT ENGINEERING AND TRAFFIC SURVEY

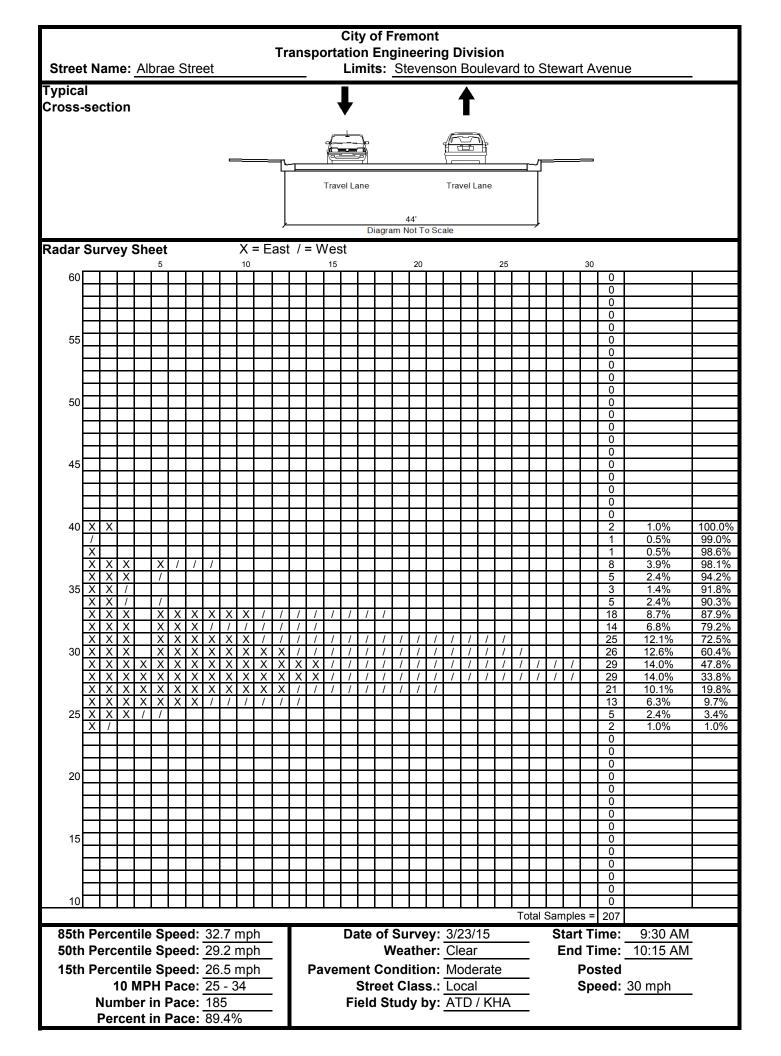
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STREET:Albrae StreetFROM:Stevenson Boule	evard		SURVEY DATE: 3/23/2018 TO: Stewart Avenue	5
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in P Number of Survey Samples	ace	40528 Albrae Street 9:30 AM - 10:15 AM 29.2 mph 32.7 mph 25 - 34 mph 89.4% 207	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	30 mph 30 mph No 85th-percentile speed rounded down per CVC Section 21400(b)
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/N	IVM)	4 4 0.29 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	15,313 Traffic sigi Low High	nal at Stevenson Blvd		
ROADWAY CHARACTE Length of Segment Width Number of Lanes Street Classification Divided Median?	RISTICS 3249' 44' EB - 1 Local No	WB - 1		
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	No No No Yes - Disc Few	ontinuous		
Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	None Yes - 2 ap Good Moderate	prox 90 degree turns mid-segment and commercial		

COMMENTS

The 85th-percentile speed of 32.7 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 25 mph to 34 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 30 mph.

Approved and Authorized for release by City of Fremont, CA:



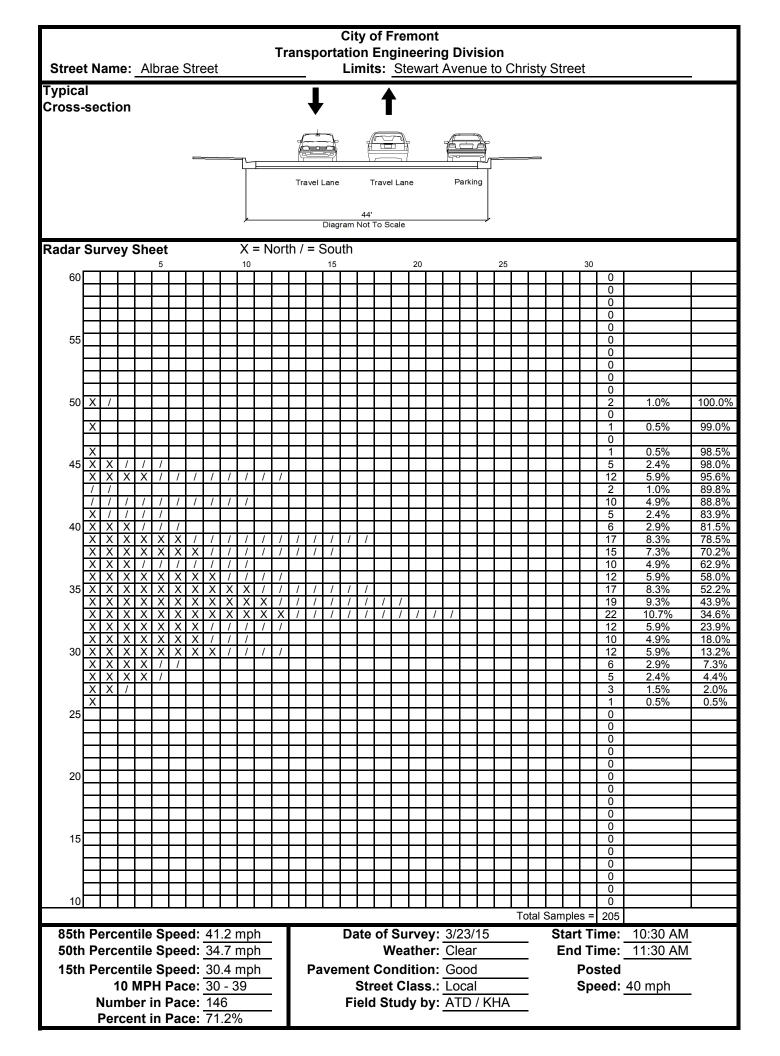
CITY OF FREMONT ENGINEERING AND TRAFFIC SURVEY

STREET: Albrae Street FROM: Stewart Avenue			SURVEY DATE: 3/23/2015 TO: Christy Street				
TROM. Stewart Avenue			10.	Children Street			
SPEED DATA							
Location of Speed Survey		41348 Albrae St.	Posted S	beed Limit	40 mph		
Time of Speed Survey		10:30 AM - 11:30 AM		ended Speed Limit	•		
50th Percentile Speed (Mean	Sneed)	34.7 mph		nit Change	No		
85th Percentile Speed	opeca,	41.2 mph	-	stification	85th-percentile speed		
10 mph Pace Speed		30 - 39 mph			···		
Percentage of Vehicles in Pa	се	71.2%					
Number of Survey Samples		205					
COLLISION HISTORY							
Number of Years Studied		4					
Total Collisions		3					
Collision Rate (ACC/MVM)		0.42					
Expected Collisions (ACC/M)	VM)	1.46					
TRAFFIC FACTORS							
Average Daily Traffic	5,348						
Type of Traffic Control	Stop sign a	at Christy					
Pedestrian Traffic	Moderate						
Truck Traffic	Low						
ROADWAY CHARACTER							
Length of Segment	4828'						
Width Number of Lanes	44'						
Street Classification	NB - 1 Local	SB - 1					
Divided Median?	No						
Designated Bike Route?	No						
Bike Lanes?	No						
Uncontrolled Crosswalks?	No						
On-Street Parking?	Yes						
Sidewalks?	Yes						
Driveways?	Few						
Vertical Curve	No						
Horizontal Curve	Yes - near	Public Storage					
Visibility	Good	C C					
Pavement Condition	Good						
Adjacent Land Use	Industrial,	commercial, and hotel					

COMMENTS The 85th-percentile speed of 41.2 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 30 mph to 39 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 40 mph.

Approved and Authorized for release by City of Fremont, CA:

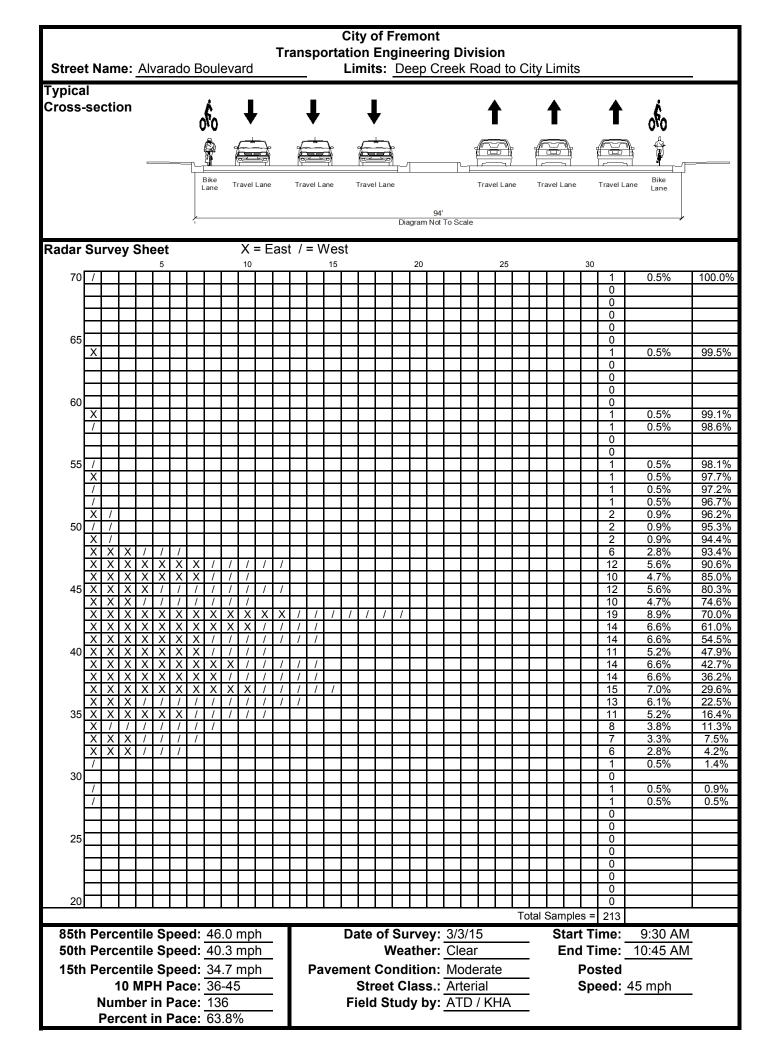
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		CITY OF FRE	MONT			3			
ENGINEERING AND TRAFFIC SURVEY									
STREET: Alvarado Boulev	vard		SURVE	Y DATE:	3/3/201	5			
FROM: Deep Creek Roa	ad		TO:	City Limits					
SPEED DATA									
Location of Speed Survey	Alvarado F	Rd485 Ft. East of Alameda Creek	Posted S	peed Limit		45 mph			
Time of Speed Survey		9:30 AM - 10:45 AM		ended Spee	d Limit	•			
50th Percentile Speed (Mea	n Speed)	40.3 mph	Speed Li	mit Change		No			
85th Percentile Speed		46.0 mph	Speed Ju	stification		85th-percentile speed			
10 mph Pace Speed		36-45 mph							
Percentage of Vehicles in P		63.8%							
Number of Survey Samples	i	213							
COLLISION HISTORY									
Number of Years Studied		4							
Total Collisions		3							
Collision Rate (ACC/MVM)		0.47							
Expected Collisions (ACC/	/VM)	1.55							
TRAFFIC FACTORS									
Average Daily Traffic	33,896								
Type of Traffic Control	,	nals at Deep Creek Rd, Lowry Rd, M	lerganser Dr. an	d Falcon Dr					
Pedestrian Traffic	Low		0 /						
Truck Traffic	Low								
ROADWAY CHARACTE	RISTICS								
Length of Segment	674'								
Width	94'								
Number of Lanes	EB - 3	WB - 3							
Street Classification	Arterial								
Divided Median?	Yes								
Designated Bike Route?	Yes								
Bike Lanes?	Yes								
Uncontrolled Crosswalks?	No								
On-Street Parking?	No								
Sidewalks?	Yes - Cont	inuous							
Driveways?	None								
Vertical Curve	Yes - Alan	neda Creek overpass							
Horizontal Curve	None								
Visibility	Good								
Pavement Condition	Moderate								
Adjacent Land Use	Non-fronti	ng residential							

COMMENTS The 85th-percentile speed of 46.0 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 36 mph to 45 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 45 mph.

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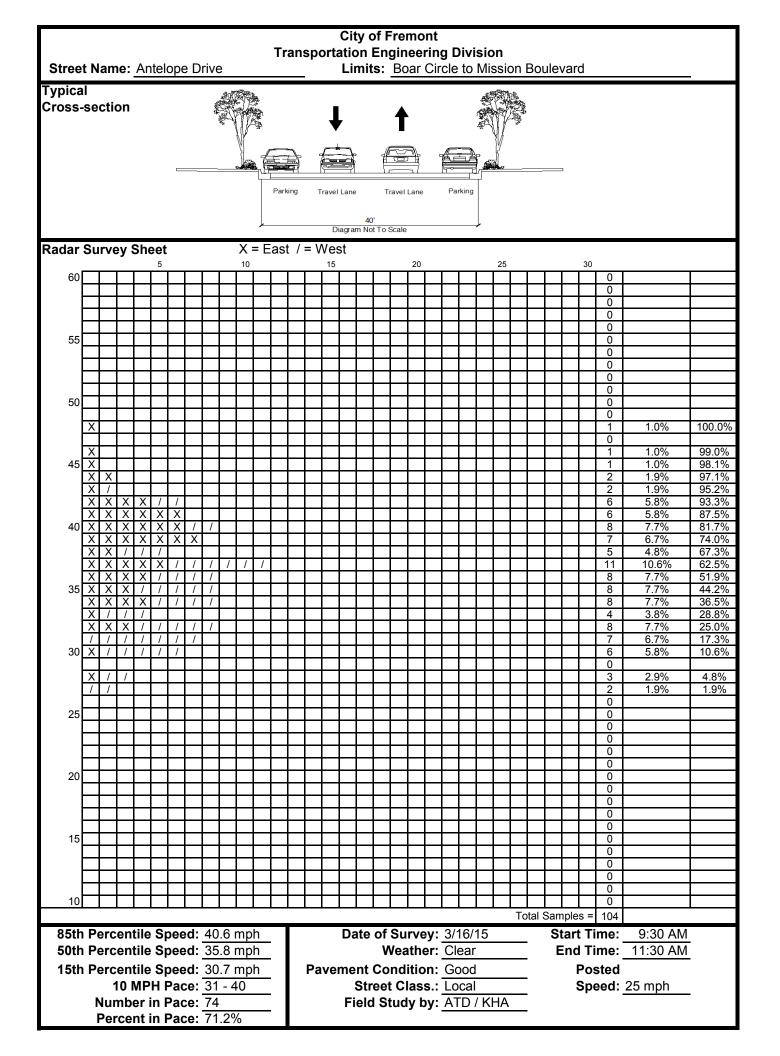


STREET: Antelope Drive			SURVEY DATE: 3/16/20	15
FROM: Boar Circle			TO: Mission Boulevard	
SPEED DATA				
Location of Speed Survey		45548 Antelope Drive	Posted Speed Limit	25 mph
Time of Speed Survey		9:30 AM - 11:30 AM	Recommended Speed Limit	25 mph
50th Percentile Speed (Mea 85th Percentile Speed	an Speed)	35.8 mph	Speed Limit Change Speed Justification	No Due to the readway width
10 mph Pace Speed		40.6 mph	Speed Justification	Due to the roadway width and fronting residential, a
Percentage of Vehicles in	Paca	31 - 40 mph 71.2%		speed limit of 25 mph is
Number of Survey Sample		104		recommended.
Number of Survey Sample	3	104		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		0		
Collision Rate (ACC/MVM)		0.00		
Expected Collisions (ACC/		1.46		
	,			
TRAFFIC FACTORS				
Average Daily Traffic	2,339			
Type of Traffic Control		nal at Mission Blvd, one-way s	top at Boar Circle	
Pedestrian Traffic	Moderate			
Truck Traffic	Low			
ROADWAY CHARACT				
Length of Segment	2819'			
Width	40'			
Number of Lanes	EB - 1	WB - 1		
Street Classification	Local			
Divided Median?	No			
Designated Bike Route? Bike Lanes?	No			
Uncontrolled Crosswalks?	No No			
On-Street Parking?				
Sidewalks?	Yes Voc Dic	continuous		
Driveways?	res - Disc Few	Johanaous		
Vertical Curve		ill from Mission Boulevard to B	loar Circlo	
Horizontal Curve			d and Weibel Dr, 2 larger curves between \	linovard Ave and Poor Cir
Visibility	Fair		u anu webei נעו, צ larger curves between א	nineyalu Ave allu Dual Uli
Pavement Condition	Good			
Adjacent Land Use	Residenti	al		
Aujaceni Lanu USe	Residenti	aı		

COMMENTS

The 85th-percentile speed of 40.6 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 31 mph to 40 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Since the roadway width is 40 feet and there is fronting residential, the roadway meets the criteria of a local road. Therefore, it is recommended that the speed limit be posted 25 mph.

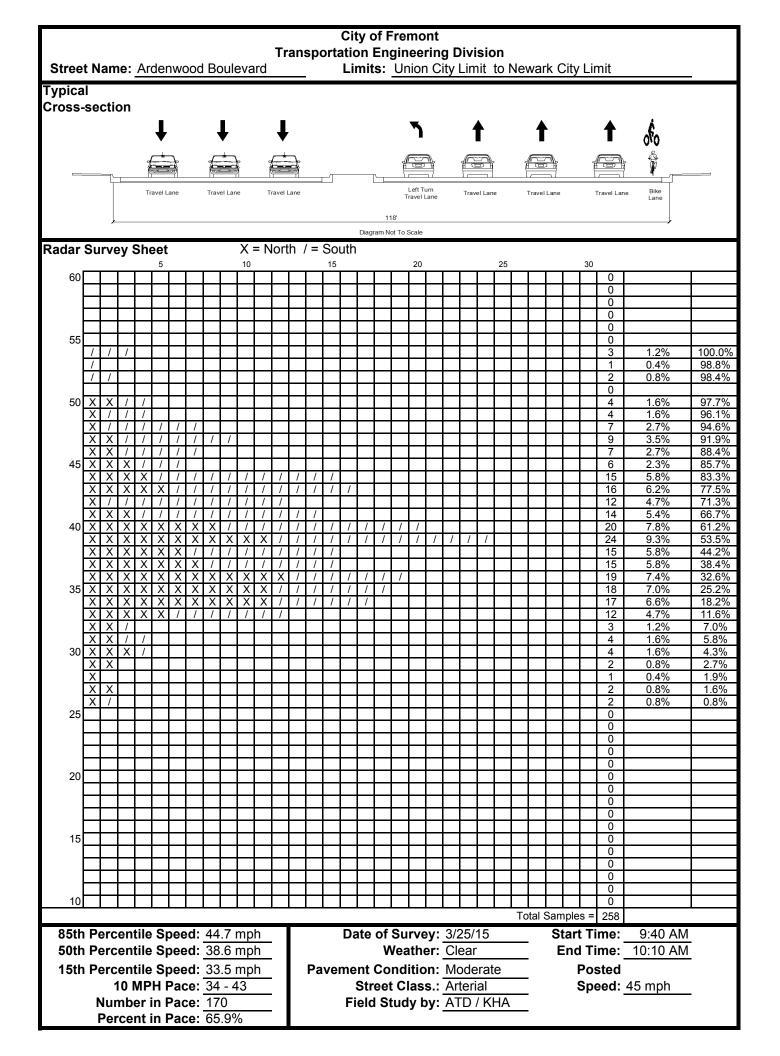
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STREET: Ardenwood Boul	evard		SURVEY	DATE: 3/25/2	015
FROM: Union City Limit			TO:	Newark City Limit	
SPEED DATA					
Location of Speed Survey		34275 Ardenwood Blvd.	Posted Sp	eed Limit	45 mph
Time of Speed Survey		9:40 AM - 10:10 AM	Recomme	nded Speed Limit	t 45 mph
50th Percentile Speed (Mean	n Speed)	38.6 mph	Speed Lin	nit Change	No
85th Percentile Speed	• •	44.7 mph	Speed Jus		85th-percentile speed
10 mph Pace Speed		34 - 43 mph	•		
Percentage of Vehicles in Pa	ace	65.9%			
Number of Survey Samples		258			
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		3			
Collision Rate (ACC/MVM)		0.10			
Expected Collisions (ACC/N	1VM)	1.55			
I KAFFIC FACTORS					
	17,570)			
Average Daily Traffic	,		merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic	,) nals at Paseo Padre Pkwy, Comi	merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic	Traffic sig		merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control	Traffic sigi Low		merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic	Traffic sign Low Low		merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE	Traffic sign Low Low		merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment	Traffic sign Low Low RISTICS		merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment Width	Traffic sign Low Low RISTICS 6393'		merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment Width Number of Lanes	Traffic sign Low Low RISTICS 6393' 118'	nals at Paseo Padre Pkwy, Com	merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment Width Number of Lanes Street Classification	Traffic sign Low Low RISTICS 6393' 118' NB - 2/3	nals at Paseo Padre Pkwy, Com	merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment Width Number of Lanes Street Classification Divided Median?	Traffic sign Low Low RISTICS 6393' 118' NB - 2/3 Arterial	nals at Paseo Padre Pkwy, Com	merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment Width Number of Lanes Street Classification Divided Median?	Traffic sign Low Low RISTICS 6393' 118' NB - 2/3 Arterial Yes	nals at Paseo Padre Pkwy, Com	merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes?	Traffic sign Low Low RISTICS 6393' 118' NB - 2/3 Arterial Yes Yes	nals at Paseo Padre Pkwy, Com	merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Traffic sign Low Low RISTICS 6393' 118' NB - 2/3 Arterial Yes Yes Yes Yes	nals at Paseo Padre Pkwy, Com	merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	Traffic sign Low Low RISTICS 6393' 118' NB - 2/3 Arterial Yes Yes Yes No	nals at Paseo Padre Pkwy, Com	merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	Traffic sign Low Low RISTICS 6393' 118' NB - 2/3 Arterial Yes Yes Yes Yes No No	nals at Paseo Padre Pkwy, Com	merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	Traffic sign Low Low RISTICS 6393' 118' NB - 2/3 Arterial Yes Yes Yes Yes No No Yes Few	nals at Paseo Padre Pkwy, Com	merce Dr, Kaiser Dr,	Ardenwood Terrace	e, and 84 ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve	Traffic sign Low Low RISTICS 6393' 118' NB - 2/3 Arterial Yes Yes Yes Yes No No Yes Few Yes - at ra	nals at Paseo Padre Pkwy, Com SB - 2/3 iilroad overpass			
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	Traffic sign Low Low RISTICS 6393' 118' NB - 2/3 Arterial Yes Yes Yes Yes No No Yes Few Yes - at ra	nals at Paseo Padre Pkwy, Com			
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTE Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	Traffic sign Low Low RISTICS 6393' 118' NB - 2/3 Arterial Yes Yes Yes Yes No No Yes Few Yes - at ra Yes - betw	nals at Paseo Padre Pkwy, Com SB - 2/3 iilroad overpass			

<u>COMMENTS</u> The 85th-percentile speed of 44.7 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 34 mph to 43 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 45 mph.

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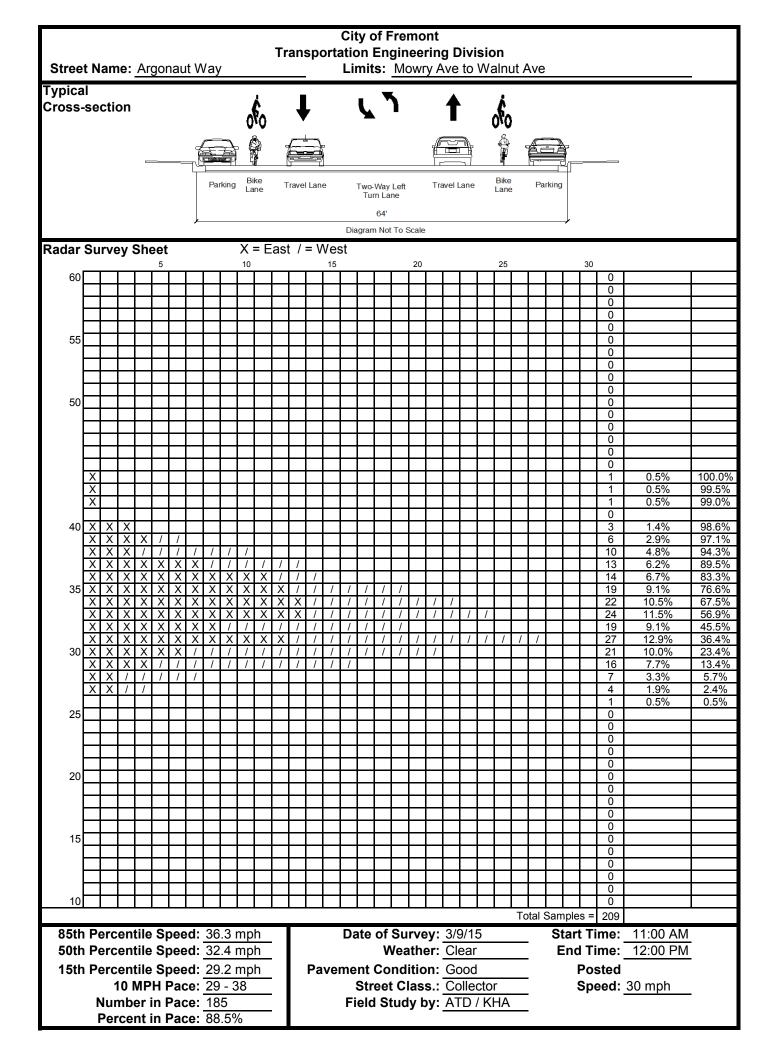


STREET: Argonaut Way			SURVEY DATE: 3/9/2015	
FROM: Mowry Ave			TO: Walnut Ave	
· · · · ·				
SPEED DATA				
Location of Speed Survey		39331 Argonaut Way	Posted Speed Limit	30 mph
Time of Speed Survey		11:00 AM - 12:00 PM	Recommended Speed Limit	30 mph
50th Percentile Speed (Mea	n Speed)	32.4 mph	Speed Limit Change	No
85th Percentile Speed		36.3 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		29 - 38 mph		downgraded 5 mph due
Percentage of Vehicles in P		88.5%		to fronting residential an uncontrolled crosswalk
Number of Survey Samples		209		uncontrolled crosswark
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		0		
Collision Rate (ACC/MVM)		0.00		
Expected Collisions (ACC/M	IVM)	1.46		
TRAFFIC FACTORS				
Average Daily Traffic	9,300			
Type of Traffic Control	0	nals at Mowry Ave and Sacram	ento Ave; roundabout at Walnut Ave	
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTE				
Length of Segment Width	1997'			
	64'			
Number of Lanes Street Classification	EB - 1-2	WB - 1-2		
	Collector	ast of Sacramento Ave		
Divided Median?		ast of Sacramento Ave		
Designated Bike Route? Bike Lanes?	Yes Yes			
Uncontrolled Crosswalks?		undeb eut		
Uncontrolled Crosswalks?	Yes - at ro		remente Ave	
On Street Derking?	res - on s	south side of street east of Sacr	amento Ave	
0	Vac Car			
Sidewalks?	Yes - Con	linuous		
Sidewalks? Driveways?	Few	unuous		
Sidewalks? Driveways? Vertical Curve	Few None	linuous		
Sidewalks? Driveways? Vertical Curve Horizontal Curve	Few None None	linuous		
Vertical Curve Horizontal Curve Visibility	Few None None Good	linuous		
Sidewalks? Driveways? Vertical Curve Horizontal Curve	Few None None Good Good	ial and fronting residential		

COMMENTS

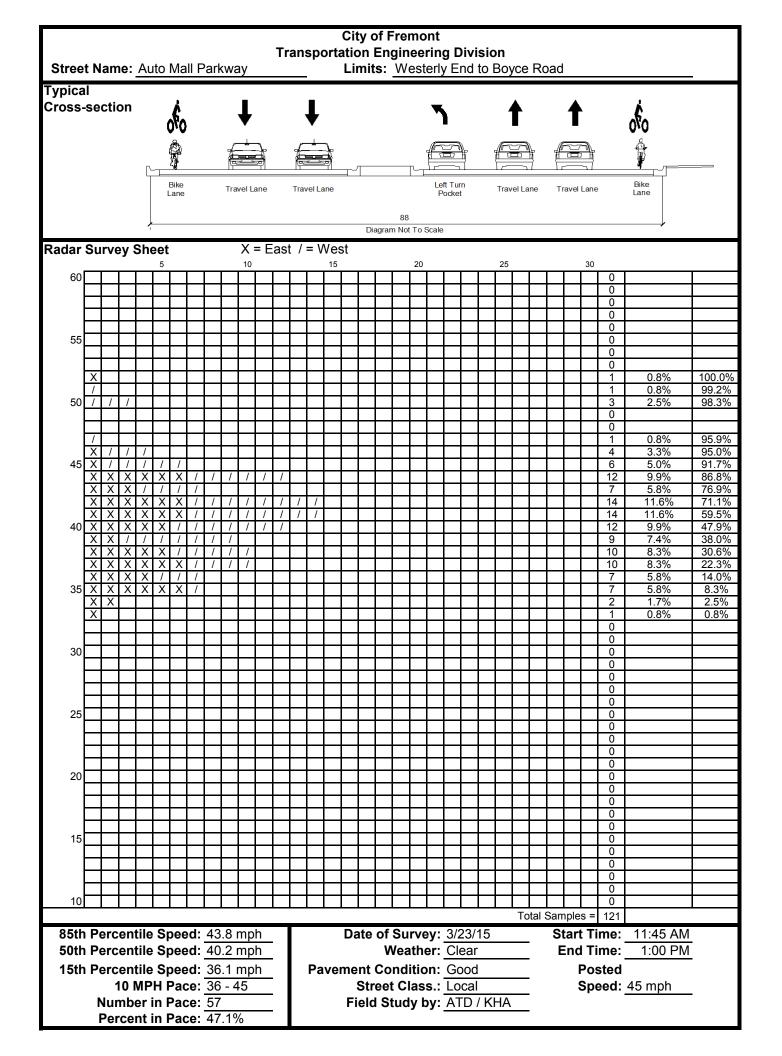
The 85th-percentile speed of 36.3 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 29 mph to 38 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Due to the fronting residential and uncontrolled crosswalk near the roundabout, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the posted speed limit remains 30 mph, based upon downgrading the 85th-percentile indicated speed of 35 mph by 5 mph.

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STREET:	Auto Mall Parkwa	ay			SURVEY	DATE: 3/23/20	15
FROM:	Westerly End				TO:	Boyce Road	
SPEED DA							
	Speed Survey		6028 Auto Mall Park	way	Posted Spe		45 mph
Time of Spee	•		11:45 AM - 1:00 PM			nded Speed Limit	•
	tile Speed (Mear	ו Speed)	40.2 mph		Speed Lim		No
85th Percent	-		43.8 mph		Speed Just	tification	85th-percentile speed
10 mph Pace			36 - 45 mph				
	of Vehicles in Pa	ace	47.1%				
Number of S	urvey Samples		121				
	N HISTORY						
	ears Studied		4				
Total Collisio			0				
	te (ACC/MVM)		0.00				
Expected Co	ollisions (ACC/M	V IVI)	1.46				
TRAFFIC F		5404					
Average Dail	•	5164					
Type of Traff		0	al at Boyce Rd				
Pedestrian T		Low Moderate					
Truck Traffic	,	woderate					
ROADWAY	CHARACTE	RISTICS					
Length of Se		3,753'					
Width	ginent	88'					
Number of L	anes	EB- 1/2	WB - 1/2				
Street Classi		Local					
Divided Med			on east end				
Designated I		Yes					
Bike Lan		Yes					
	d Crosswalks?	No					
On-Street Pa		No					
Sidewalks?			outh side only from ap	prox 1000' west o	f Nobel Drive	to Bovce Road	
Driveways?		Few				- ,	
Vertical Curv	ve	None					
Horizontal C	urve	None					
Visibility		Good					
Pavement Co	ondition	Good					
Adjacent Lar		Commercia	al and industrial				
-							

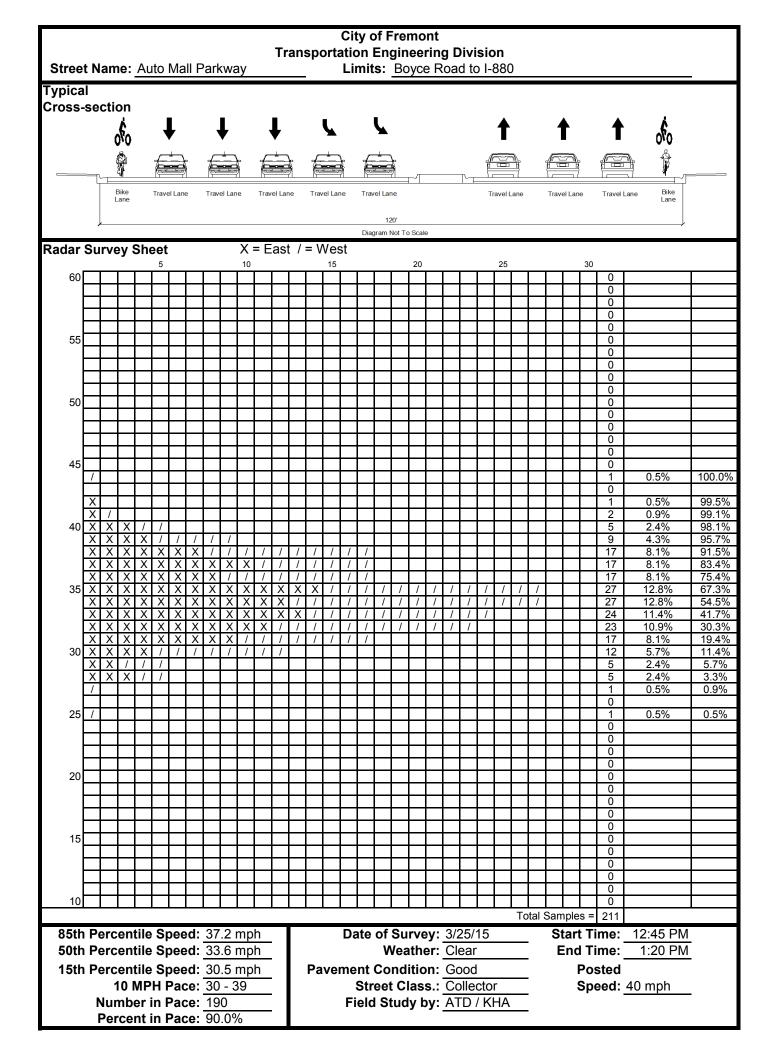
COMMENTS The 85th-percentile speed of 43.8 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 36 mph to 45 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 45 mph.



STREET: Auto Mall Parkwa	ау			5/2015
FROM: Boyce Road			TO: I-880	
SPEED DATA				
Location of Speed Survey		400' east of Pacific Commons Blvd	Posted Speed Limit	40 mph
Time of Speed Survey		12:45 PM - 1:20 PM	Recommended Speed Lir	•
50th Percentile Speed (Mear	ו Speed)	33.6 mph	Speed Limit Change	Yes
85th Percentile Speed		37.2 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		30 - 39 mph		
Percentage of Vehicles in Pa	ace	90.0%		
Number of Survey Samples		211		
COLLISION HISTORY Number of Years Studied		4		
Total Collisions		1		
Collision Rate (ACC/MVM)		0.03		
Expected Collisions (ACC/M	VM)	1.55		
		1.00		
TRAFFIC FACTORS				
	20 170			
Average Daily Traffic	30,179 Troffic sign	pole at Power Pd. Possell Pd. Pasific C	commons Blud, Christy St. and I	990 SP Domo
Type of Traffic Control	Traffic sigr	nals at Boyce Rd, Boscell Rd, Pacific C	commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic	Traffic sigr Low	nals at Boyce Rd, Boscell Rd, Pacific C	commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic	Traffic sigr	nals at Boyce Rd, Boscell Rd, Pacific C	commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	Traffic sigr Low Moderate	nals at Boyce Rd, Boscell Rd, Pacific C	commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI	Traffic sigr Low Moderate	nals at Boyce Rd, Boscell Rd, Pacific C	commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment	Traffic sigr Low Moderate RISTICS 3901'	nals at Boyce Rd, Boscell Rd, Pacific C	commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment Width	Traffic sigr Low Moderate	nals at Boyce Rd, Boscell Rd, Pacific C	commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic <u>ROADWAY CHARACTEI</u> Length of Segment Width Number of Lanes	Traffic sigr Low Moderate RISTICS 3901' 120'		commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification	Traffic sigr Low Moderate RISTICS 3901' 120' EB - 3		commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification Divided Median?	Traffic sigr Low Moderate RISTICS 3901' 120' EB - 3 Collector		commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification Divided Median?	Traffic sigr Low Moderate RISTICS 3901' 120' EB - 3 Collector No		commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes?	Traffic sigr Low Moderate RISTICS 3901' 120' EB - 3 Collector No Yes		commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Traffic sigr Low Moderate RISTICS 3901' 120' EB - 3 Collector No Yes Yes		commons Blvd, Christy St, and I	-880 SB Ramp
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	Traffic sigr Low Moderate RISTICS 3901' 120' EB - 3 Collector No Yes Yes No No	WB - 3		
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	Traffic sigr Low Moderate RISTICS 3901' 120' EB - 3 Collector No Yes Yes No No			
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	Traffic sigr Low Moderate RISTICS 3901' 120' EB - 3 Collector No Yes Yes No No Yes - Exce Few	WB - 3 ept for approx 500' stretch on north side		
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve	Traffic sigr Low Moderate RISTICS 3901' 120' EB - 3 Collector No Yes Yes No No Yes - Exce Few	WB - 3		
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	Traffic sigr Low Moderate RISTICS 3901' 120' EB - 3 Collector No Yes Yes No No Yes - Exce Few Yes - At I-8	WB - 3 ept for approx 500' stretch on north side		
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic <u>ROADWAY CHARACTEI</u> Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route?	Traffic sigr Low Moderate RISTICS 3901' 120' EB - 3 Collector No Yes Yes No No Yes - Exce Few Yes - At I-8 None	WB - 3 ept for approx 500' stretch on north side		

COMMENTS The 85th-percentile speed of 37.2 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 30 mph to 39 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit is reduced to 35 mph.

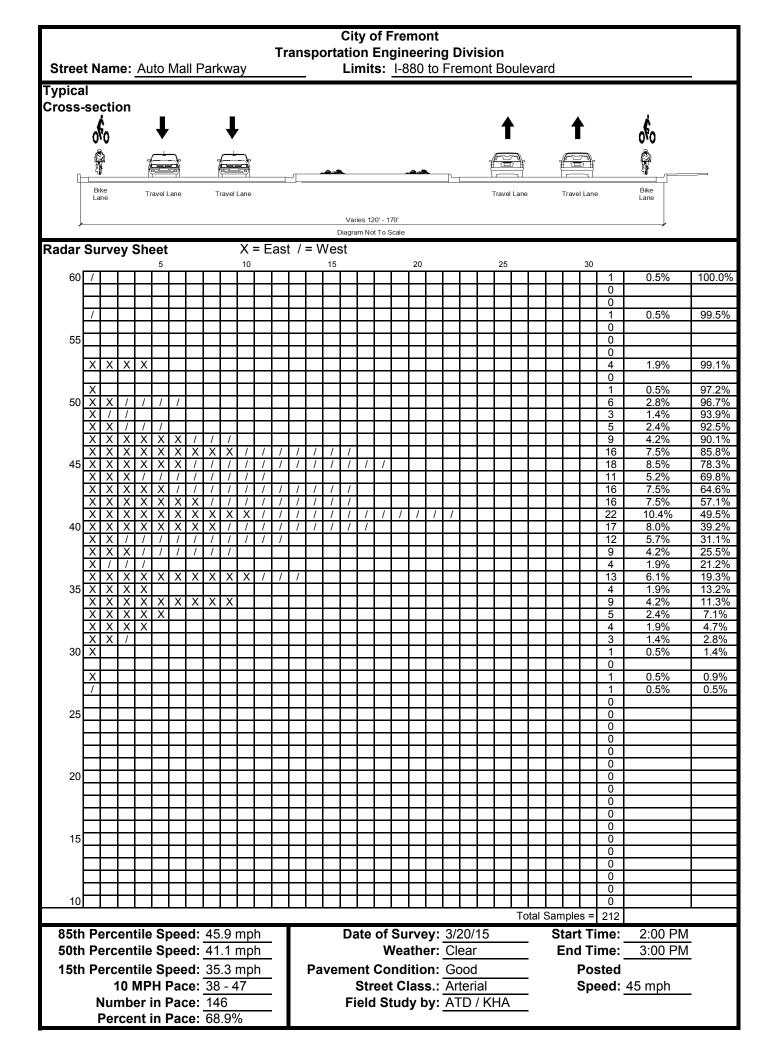
Approved and Authorized for release by City of Fremont, CA:



STREET: Auto Mall Parkwa	у		SURVEY	DATE: 3/20/2	2015
FROM: 1-880			TO:	Fremont Boulevar	d
SPEED DATA					
Location of Speed Survey		4580 Auto Mall Parkway	Posted Sp	beed Limit	45 mph
Time of Speed Survey		2:00 PM - 3:00 PM	Recomme	ended Speed Lim	l it 45 mph
50th Percentile Speed (Mean	Speed)	41.1 mph	Speed Lin	nit Change	No
85th Percentile Speed		45.9 mph	Speed Ju	stification	85th-percentile speed
10 mph Pace Speed		38 - 47 mph			
Percentage of Vehicles in Pa	ce	68.9%			
Number of Survey Samples		212			
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		10			
Collision Rate (ACC/MVM)		0.19			
Expected Collisions (ACC/M	VM)	1.55			
TRAFFIC FACTORS					
Average Daily Traffic	38,140				
Type of Traffic Control	Traffic sig	nals at I-880 NB Ramp, Grimmer	Blvd, Technology D	or, and Fremont Blve	d
Pedestrian Traffic	Low				
Truck Traffic	Moderate				
ROADWAY CHARACTER					
Length of Segment	5089'				
Width		h side of median between Grimm	ier Blvd and Fremor	nt Blvd, 102' west of	f Grimmer Blvd
Number of Lanes	EB - 2/3	WB - 2/3			
Street Classification	Arterial				
Divided Median?	Yes				
Designated Bike Route?	Yes				
Bike Lanes?	Yes				
Uncontrolled Crosswalks?	No				
On-Street Parking?	No No				
Sidewalks?		ept on south side between 880 ar	ia Grimmer Bivd an	a near Technology	Dr
Driveways?	Few				
Vertical Curve		880 overpass			
Horizontal Curve	No				
Visibility	Good				
Pavement Condition	Good	al non fronting residential and a	nortmonto		
Adjacent Land Use	Commerci	al, non-fronting residential, and a	partments		

<u>COMMENTS</u> The 85th-percentile speed of 45.9 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 38 mph to 47 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 45 mph.

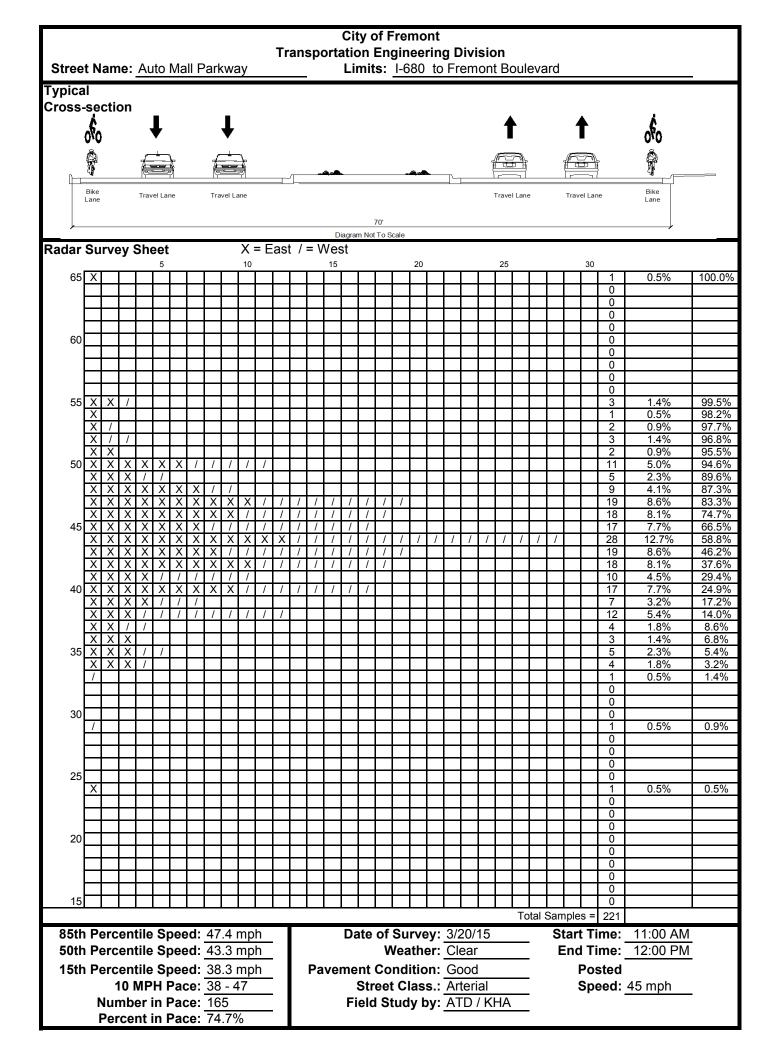
Approved and Authorized for release by City of Fremont, CA:



STREET: Auto Mall Parkwa	iy		SURVE	DATE:	3/20/20	15
FROM: 1-680			TO:	Fremont Bo	oulevard	
SPEED DATA						
Location of Speed Survey		575 feet east of Hugo Terrace	Posted S	beed Limit		45 mph
Time of Speed Survey		11:00 AM - 12:00 PM		ended Spee	d Limit	•
50th Percentile Speed (Mean	Speed)	43.3 mph		nit Change		No
85th Percentile Speed		47.4 mph		stification		85th-percentile speed
10 mph Pace Speed		38 - 47 mph				
Percentage of Vehicles in Pa	ace	74.7%				
Number of Survey Samples		221				
COLLISION HISTORY						
Number of Years Studied		4				
Total Collisions		5				
Collision Rate (ACC/MVM)		0.11				
Expected Collisions (ACC/M	VM)	1.55				
- · · ·	,					
TRAFFIC FACTORS						
Average Daily Traffic	47,531					
Type of Traffic Control	,	hals at Fremont Blvd, Osgood Rd, and	I-680 Ramps			
Pedestrian Traffic	Low	,				
Truck Traffic	Moderate					
ROADWAY CHARACTER	RISTICS					
Length of Segment	3470'					
Width	70'					
Number of Lanes	EB - 2	WB - 2				
Street Classification	Arterial					
Divided Median?	Yes					
Designated Bike Route?	Yes					
Bike Lanes?	Yes					
Uncontrolled Crosswalks?	No					
On-Street Parking?	No					
Sidewalks?	Yes - Exce	pt south side btwn Fremont Blvd and	Home Depot e	entrance and	north side	e btwn Osgood Rd and I-680
Driveways?	Few					
Vertical Curve		ilroad and 680 overpasses				
Horizontal Curve	Yes - Betw	veen Fremont Blvd and railroad				
Visibility	Good					
Pavement Condition	Good					
Adjacent Land Use	Commerci	al				

COMMENTS The 85th-percentile speed of 47.4 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 38 mph to 47 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 45 mph.

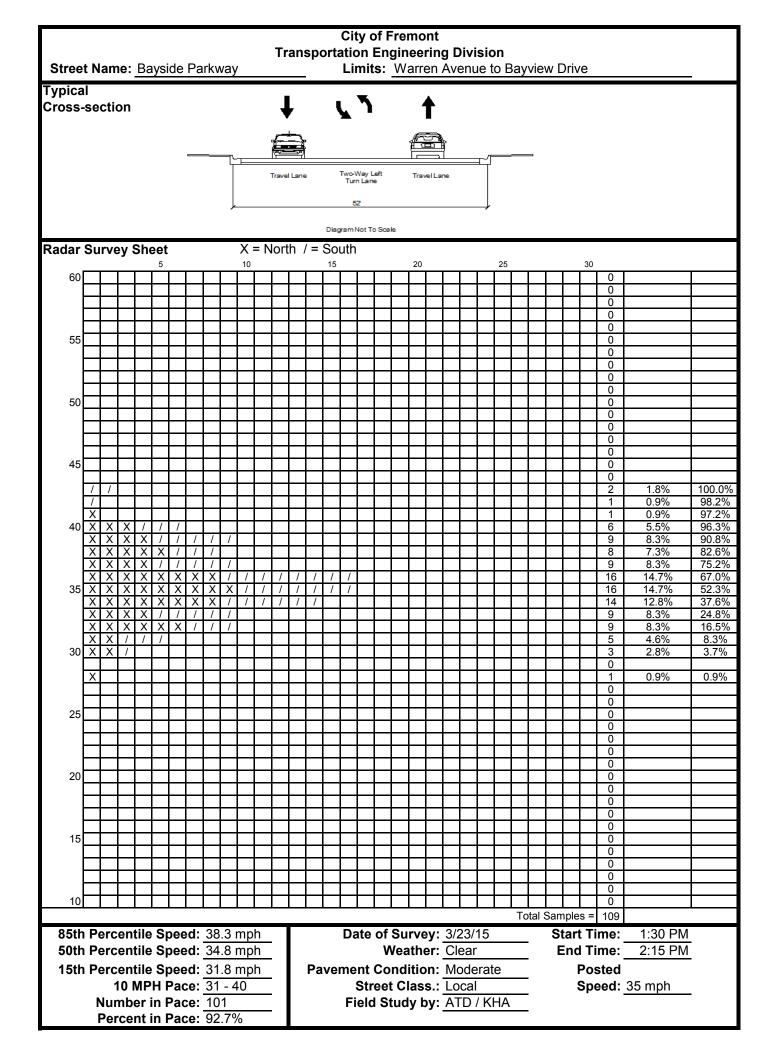
Approved and Authorized for release by City of Fremont, CA:



STREET: Bayside Parkway SURVEY DATE: 3/23/2015 FROM: Warren Avenue TO: Bayview Drive	
FROM: Warren Avenue TO: Bayview Drive	
SPEED DATA	
Location of Speed Survey 47284 Bayside Parkway Posted Speed Limit 35 mph	
Time of Speed Survey 1:30 PM - 2:15 PM Recommended Speed Limit 40 mph	
50th Percentile Speed (Mean Speed) 34.8 mph Speed Limit Change Yes	
85th Percentile Speed 38.3 mph Speed Justification 85th-percentile spe	ed
10 mph Pace Speed 31 - 40 mph	
Percentage of Vehicles in Pace 92.7%	
Number of Survey Samples 109	
COLLISION HISTORY	
Number of Years Studied 4	
Total Collisions 0	
Collision Rate (ACC/MVM) 0.00	
Expected Collisions (ACC/MVM) 1.46	
TRAFFIC FACTORS	
Average Daily Traffic 460	
Type of Traffic Control Traffic signal at Gateway Blvd; stop signs at Bayview Dr and Warren Ave (future signal)	
Pedestrian Traffic Low	
Truck Traffic Low	
ROADWAY CHARACTERISTICS	
Length of Segment 4432'	
Width 52'	
Number of Lanes NB - 1 SB - 1	
Street Classification Local Divided Median? Two-way left-turn lane	
Divided Median? Two-way left-turn lane Designated Bike Route? No	
Bike Lanes? No	
Uncontrolled Crosswalks? No	
On-Street Parking? No	
Sidewalks? Yes - Continuous	
Driveways? Few	
Vertical Curve None	
Horizontal Curve Yes - North of Gateway Blvd	
Visibility Good	
Pavement Condition Moderate	
Adjacent Land Use Office	

COMMENTS The 85th-percentile speed of 38.3 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 31 mph to 40 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.

Approved and Authorized for release by City of Fremont, CA:

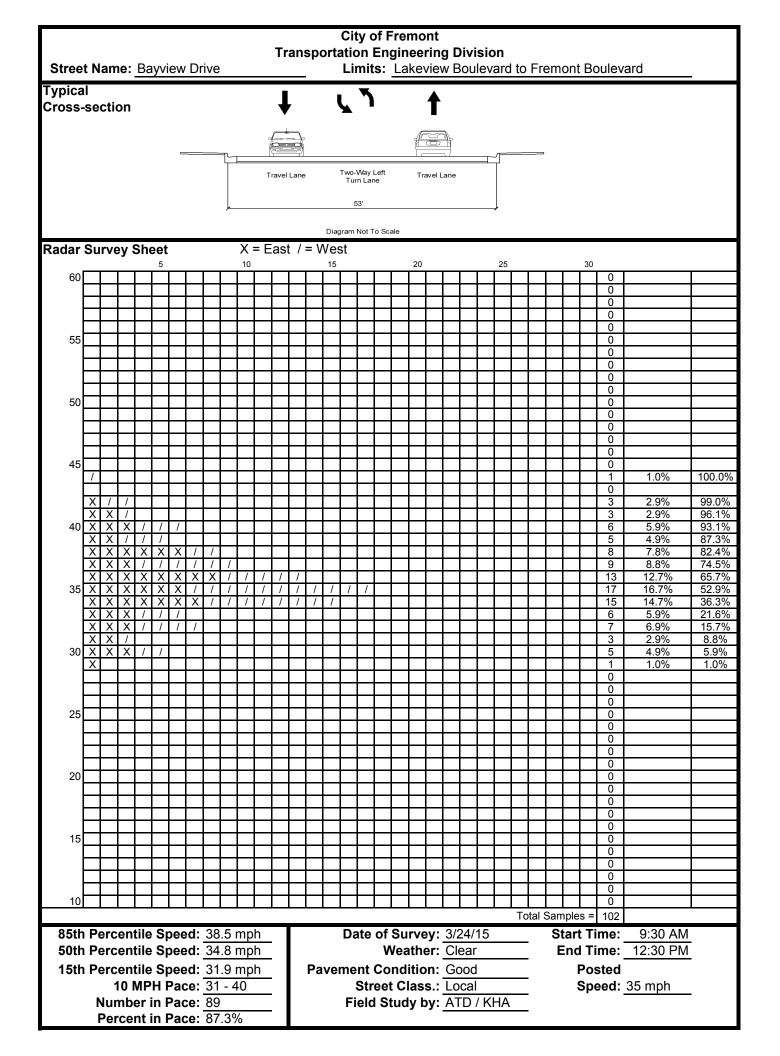


12

STREET: Bayview Drive			SURVEY DATE: 3/24/20	15
FROM: Lakeview Boulevi	ard		TO: Fremont Boulevard	
	aru			
SPEED DATA				
Location of Speed Survey		2937 Bayview Dr	Posted Speed Limit	35 mph
Time of Speed Survey		9:30 AM - 12:30 PM	Recommended Speed Limit	•
50th Percentile Speed (Mear	Speed)	34.8 mph	Speed Limit Change	No
85th Percentile Speed	i Speeu)	38.5 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed			Speed Justification	rounded down per CVC
Percentage of Vehicles in Pa	200	31 - 40 mph 87.3%		Section 21400(b)
Number of Survey Samples	ace	102		
Number of Survey Samples		102		
COLLISION HISTORY		4		
Number of Years Studied Total Collisions		4 0		
		•		
Collision Rate (ACC/MVM)	(\/M)	0.00 1.46		
Expected Collisions (ACC/M	v ivi)	1.40		
TRAFFIC FACTORS				
Average Daily Traffic	973			
Type of Traffic Control		at Fremont Blvd and Lakeview Blvd		
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTEI				
Width	1915' 53'			
Number of Lanes	53 EB - 1			
Street Classification	EB - 1 Local	WB - 1		
Divided Median?		ft turn lane		
Designated Bike Route?	No	ft-turn lane		
Bike Lanes?	No			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	Yes - Cont			
Driveways?	Few	inuous		
Vertical Curve	None			
Horizontal Curve		een Bayside Pkwy and Lakeview Blvd		
Visibility	Good	Con Dayside I Kwy and Lakeview DIVU		
Pavement Condition	Good			
Adjacent Land Use	Office			
Aujuvent Land 036	Onice			

COMMENTS

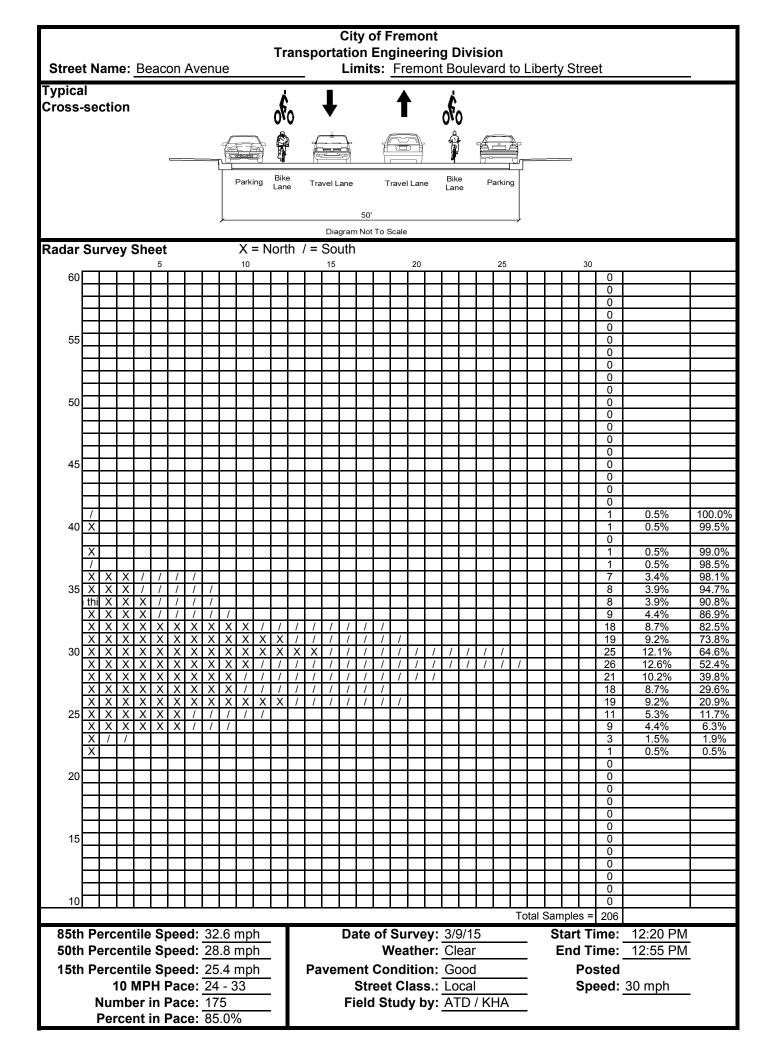
The 85th-percentile speed of 38.5 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 31 mph to 40 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 35 mph.



1	12
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SPEED DATA Jocation of Speed Survey 3569 Beacon Avenue Recommended Speed Limit 30 mph Time of Speed Survey 12:20 PM - 12:55 PM Recommended Speed Limit 30 mph Sth Percentile Speed (Mean Speed) 28.8 mph Speed Limit Change No 88th Percentile Speed (Mean Speed) 24 - 33 mph Speed Justification A5fith-percentile speed, downgraded 5 mh due to crosswalk visibility and pace range Percentage of Vehicles in Pace 85.0% Speed Justification A5fith-percentile speed, downgraded 5 mh due to crosswalk visibility and pace range COLLISION HISTORY Number of Survey Samples 206 Percentage of Vehicles in Pace A Number of Years Studied 4 A A A Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 Type of Traffic Control Traffic signal at Fremont Blvd, stop sign at Liberty St Pedestrian Traffic Low Turue traffic Low Street Classification Local Street Classification Local Divided Median? None Bike Lanes? Yes Street Classification Local Divided Median? None Heanes? Yes Street Classif	STREET:Beacon AvenueFROM:Fremont Boulevan	rd		SURVEY DATE: TO: Liberty Str	3/9/201 reet	15
Number of Years Studied 4 Total Collisions 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 3.854 Type of Traffic Control Traffic signal at Fremont Blvd, stop sign at Liberty St Pedestrian Traffic Low Truck Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 1706' Width 50' Number of Lanes NB - 1 Street Classification Local Divided Median? None Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? A California St and State St On-Street Parking? Yes Sidewalks? Yes Driveways? Few Vertical Curve None Horizontal Curve None Horizontal Curve Yes - Between Fremont Blvd and State St Visibility Moderate	Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		12:20 PM - 12:55 PM 28.8 mph 32.6 mph 24 - 33 mph 85.0%	Recommended Spe Speed Limit Change	ed Limit e	 30 mph No 85th-percentile speed, downgraded 5 mph due to crosswalk visibility and
Average Daily Traffic3,854Type of Traffic ControlTraffic signal at Fremont Blvd, stop sign at Liberty StPedestrian TrafficLowTruck TrafficLowTruck TrafficLowROADWAY CHARACTERISTICSLength of Segment1706'Width50'Number of LanesNB - 1Street ClassificationLocalDivided Median?NoneDesignated Bike Route?YesBike Lanes?YesSidewalks?YesSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Between Fremont Blvd and State StVisibilityModerate	Number of Years Studied Total Collisions Collision Rate (ACC/MVM)	VM)	0 0.00			
Length of Segment1706'Width50'Number of LanesNB - 1SB - 1Street ClassificationLocalDivided Median?NoneDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?At California St and State StOn-Street Parking?YesSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Between Fremont Blvd and State StVisibilityModerate	Average Daily Traffic Type of Traffic Control Pedestrian Traffic	Traffic sign	al at Fremont Blvd, stop sign at Liberty	St		
Uncontrolled Crosswalks?At California St and State StOn-Street Parking?YesSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Between Fremont Blvd and State StVisibilityModerate	Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route?	1706' 50' NB - 1 Local None Yes	SB - 1			
Pavement Condition Good Adjacent Land Use Commercial, offices, non-fronting residential, and apartments	Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition	At California Yes Yes Few None Yes - Betwo				

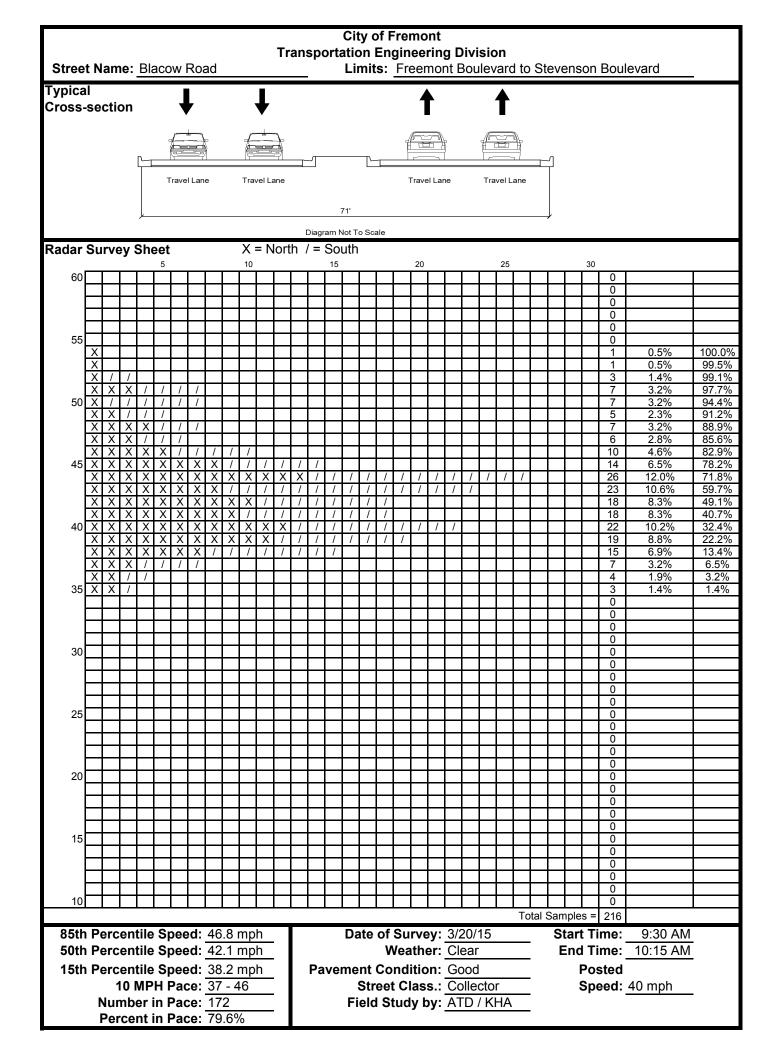
<u>COMMENTS</u> The 85th-percentile speed of 32.6 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 24 mph to 33 mph and the suggested speed limit is above this range. The collision rate for this segment is below the expected rate. Due to the poor visibility at the uncontrolled crosswalks and pace ranges, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the posted speed limit remains at 30 mph, based upon downgrading the 85th-percentile indicated speed of 35 mph by 5 mph.



14

FROM: Freemont Bouleva	d		SURVEY DATE: 3/20/20 TO: Stevenson Boulevar	
FROM: Freemont Boulev	ard		TO: Stevenson Boulevar	d
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	n Speed)	1,000 feet south of Hilo St 9:30 AM - 10:15 AM 42.1 mph 46.8 mph 37 - 46 mph 79.6% 216	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	40 mph 45 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	21,107 Traffic sign Moderate Low	als at Stevenson Blvd, Hilo St, Oma	r St, Grimmer Blvd, Greenpark Dr, Sl	nerwood St, and Fremont Blvo
ROADWAY CHARACTER				
Length of Segment	8,047			
Width	71'			
	11			
Number of Lanes	NR 2	SB 2		
	NB - 2 Collector	SB - 2		
Street Classification	Collector	SB - 2		
Street Classification Divided Median?	Collector Yes	SB - 2		
Street Classification Divided Median? Designated Bike Route?	Collector Yes Yes	SB - 2		
Street Classification Divided Median? Designated Bike Route? Bike Lanes?	Collector Yes Yes Yes			
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Collector Yes Yes Yes At Gatewoo			
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	Collector Yes Yes At Gatewoo Yes	od St		
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	Collector Yes Yes At Gatewoo Yes Yes - Conti	od St		
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	Collector Yes Yes At Gatewood Yes Yes - Conti Few	od St		
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve	Collector Yes Yes At Gatewoo Yes Yes - Conti Few No	od St inuous		
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	Collector Yes Yes At Gatewoo Yes Yes - Conti Few No Yes - betwee	od St		
Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition	Collector Yes Yes At Gatewoo Yes Yes - Conti Few No	od St inuous		

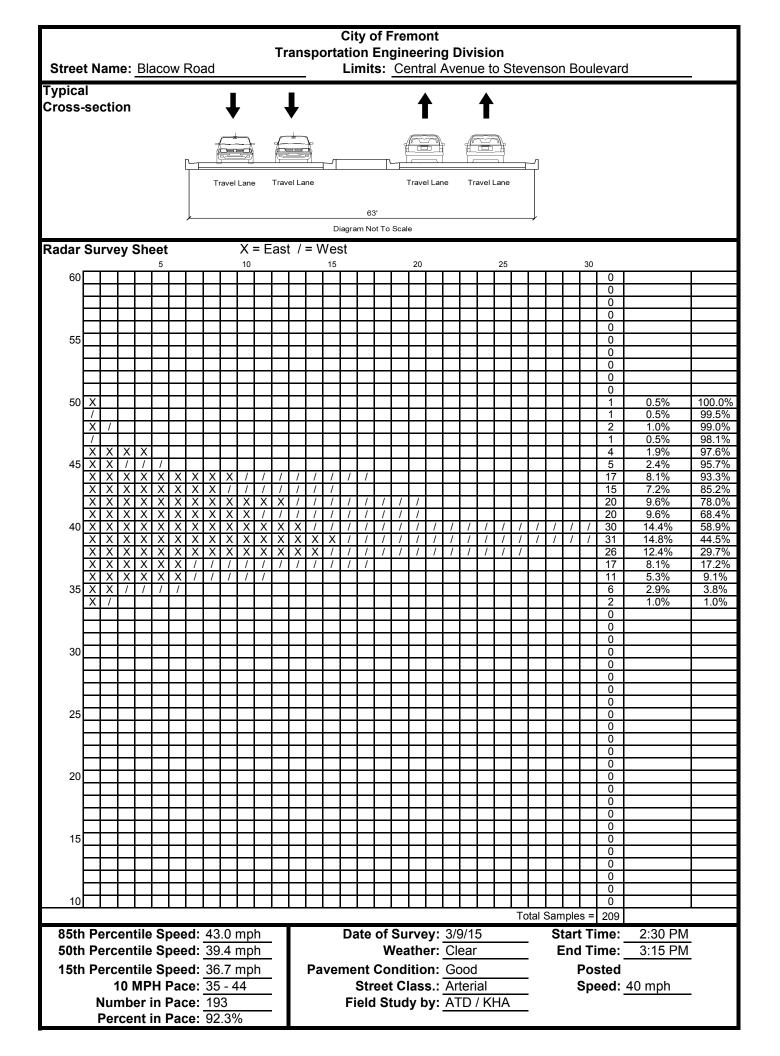
The 85th-percentile speed of 46.8 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.



STREET: Blacow Road			SURVEY	DATE: 3/9/201	5
FROM: Central Avenue			TO:	Stevenson Boulevar	d
					<u> </u>
SPEED DATA					
Location of Speed Survey		38643 Blacow Road	Posted Spo	eed Limit	40 mph
Time of Speed Survey		2:30 PM - 3:15 PM	•	nded Speed Limit	
50th Percentile Speed (Mear	Snood)	39.4 mph	Speed Lim		No
85th Percentile Speed	i opeeu)	43.0 mph	Speed Jus		85th-percentile speed
10 mph Pace Speed		35 - 44 mph	00000000	lineation	downgraded 5 mph due
Percentage of Vehicles in Pa	ace	92.3%			to fronting residential,
Number of Survey Samples		209			crosswalks, and school
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		9			
Collision Rate (ACC/MVM)		0.17			
Expected Collisions (ACC/M	VM)	1.55			
`					
TRAFFIC FACTORS					
Average Daily Traffic	18,418				
Type of Traffic Control	Traffic sig	nals at Central Ave, Eggers Dr, Mo	wry Ave, Calaveras	s Ave, Coco Palm Dr	, Boone Dr. Stevenson Blvd
Pedestrian Traffic	Low		,	,	
Truck Traffic	Low				
ROADWAY CHARACTER	RISTICS				
Length of Segment	10622'				
Width	63'				
Number of Lanes	NB - 2	SB - 2			
Street Classification	Arterial				
Divided Median?	Yes				
Designated Bike Route?	No				
Bike Lanes?	No				
Uncontrolled Crosswalks?	At Mattos	Dr			
On-Street Parking?	No				
Sidewalks?	Yes - Con	tinuous			
Driveways?	Few				
Vertical Curve	No				
Horizontal Curve	No				
Visibility	Good				
Pavement Condition	Good				
Adjacent Land Use	Non-fronti	ng residential, fronting residential, a	apartments, comme	ercial, school	

COMMENTS The 85th-percentile speed of 43.0 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Due to the fronting residential, uncontrolled crosswalk, and proximity to John F Kennedy High School, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the posted speed limit remains 40 mph, based upon downgrading the 85th-percentile indicated speed of 45 mph by 5 mph.

Approved and Authorized for release by City of Fremont, CA:

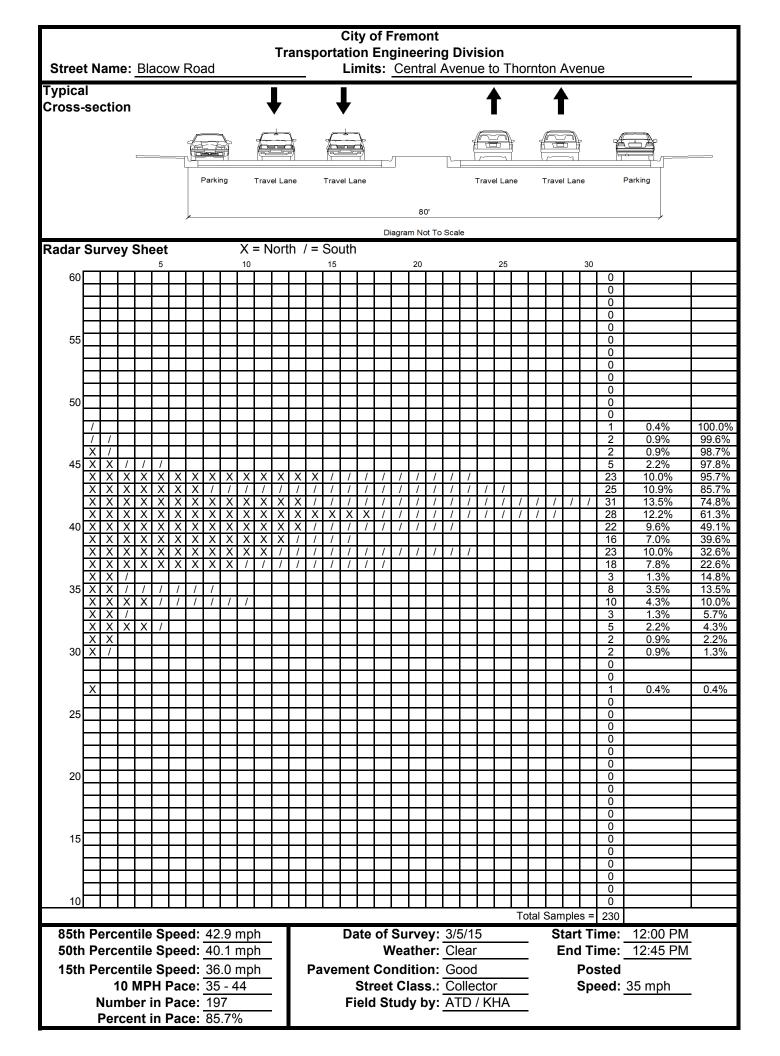


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STREET: Blacow Road			SURVEY DATE: 3/5/201	5
FROM: Central Avenue			TO: Thornton Avenue	
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		37244 Blacow Rd 12:00 PM - 12:45 PM 40.1 mph 42.9 mph 35 - 44 mph 85.7% 230	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	35 mph 40 mph Yes 85th-percentile speed downgraded 5 mph due to pace, crosswalks, and fronting residential
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	15,626 Traffic sigr Low Low	al at Thornton Ave		
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition	2,698 80' NB - 2 Collector Yes Yes No At Garden Yes Yes - Cont Many None None Good			
Adjacent Land Use	Good Fronting re	sidential and apartments		

COMMENTS

The 85th-percentile speed of 42.9 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit is above this range. The collision rate for this segment is below the expected rate. Due to the pace speed, fronting residential, and uncontrolled crosswalks along the segment, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the posted speed limit is increased to 40 mph, based upon downgrading the 85th-percentile indicated speed of 45 mph by 5 mph.

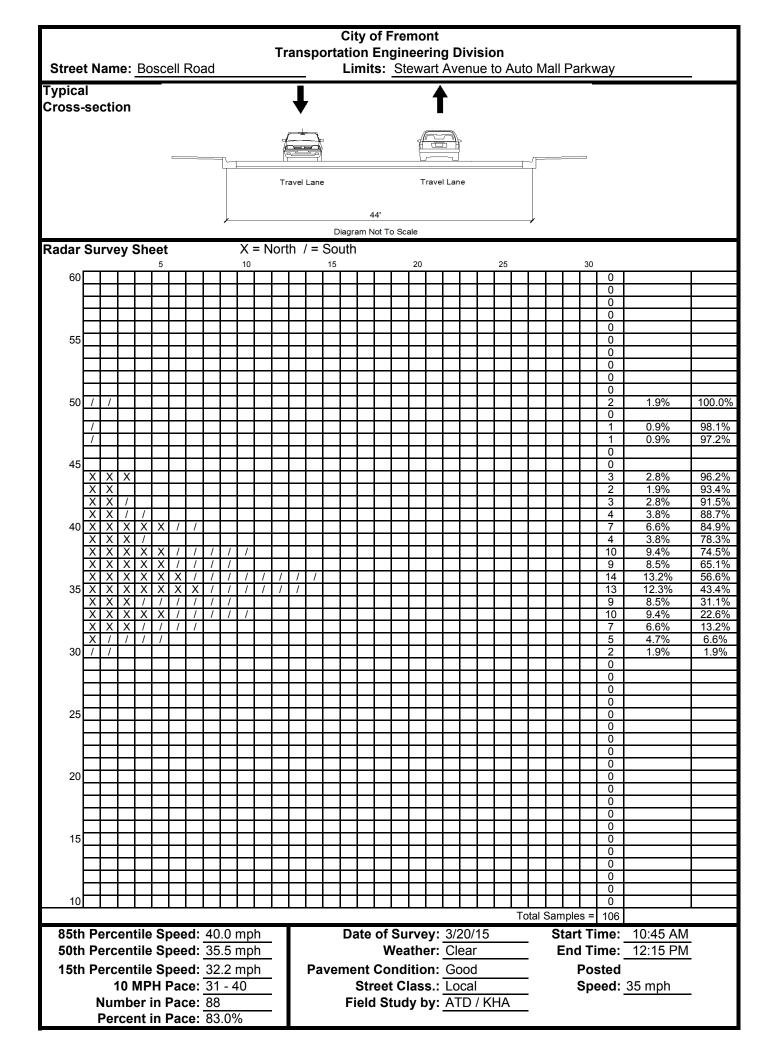


17

STREET:Boscell RoadFROM:Stewart Avenue			SURVEY TO:	DATE: Auto Mall P	3/20/20 arkway	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		41702 Boscell Rd 10:45 AM - 12:15 PM 35.5 mph 40.0 mph 31 - 40 mph 83.0% 106	Posted Sp Recomme Speed Lim Speed Jus	nded Spee nit Change	d Limit	35 mph 40 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.46				
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	3,455 Traffic sigr Low Moderate	nal at Auto Mall Pkwy; stop sign at Stew	art Ave			
ROADWAY CHARACTE Length of Segment Width Number of Lanes	RISTICS 4,133 44' NB - 1	SB - 1				
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Local No No No No					
On-Street Parking? Sidewalks? Driveways? Vertical Curve	Yes	pt in front of Auto Mall RV and vacant lo	ot			
Horizontal Curve Visibility Pavement Condition Adjacent Land Use	None Good Good Commercia	al, office, and industrial				

COMMENTS

The 85th-percentile speed of 40.0 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 31 mph to 40 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.

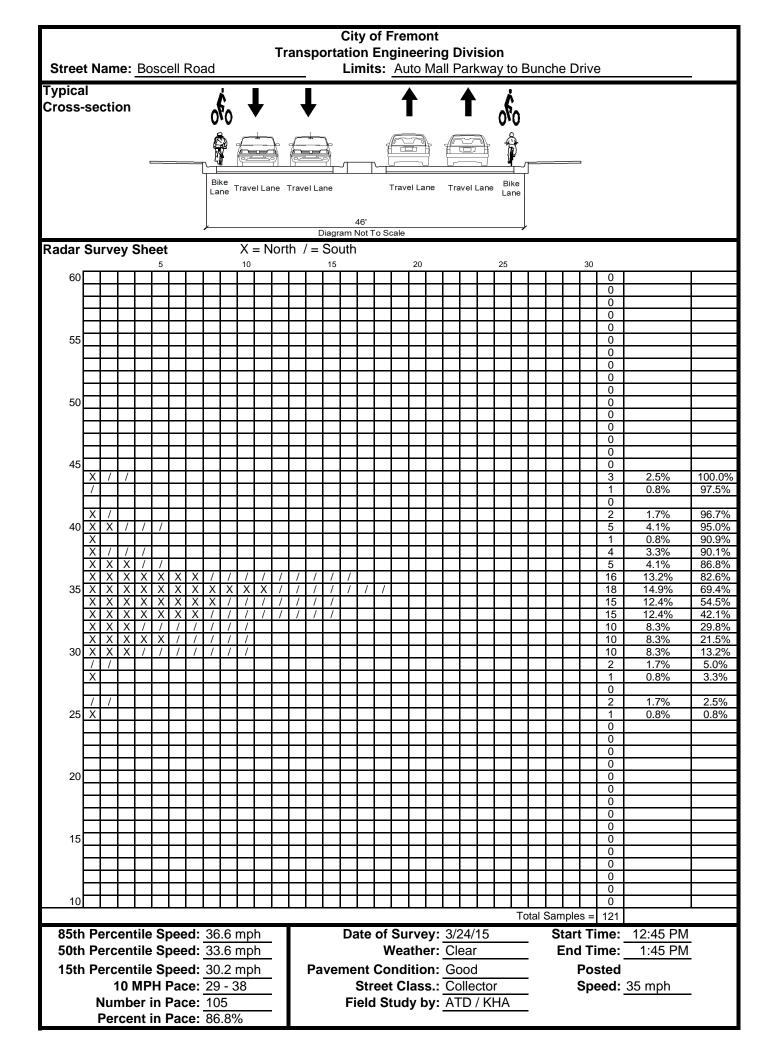


18

STREET: Boscell Road FROM: Auto Mall Parkwa	ay		SURVEY DATE: 3/24/20 TO: Bunche Drive)15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		Boscell Rd 375 ft N of Curie St. 12:45 PM - 1:45 PM 33.6 mph 36.6 mph 29 - 38 mph 86.8% 121	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	35 mph 35 mph No 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 1 0.35 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	4,272 Traffic sigr Low Low	als at Auto Mall Pkwy, Braun St, Curie	St, and Bunche Dr	
ROADWAY CHARACTEI Length of Segment Width Number of Lanes	RISTICS 2,420 46' NB - 2	SB - 2		
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Collector Yes Yes Yes No			
On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	No Yes - Cont Few None Yes - Near			
Visibility Pavement Condition Adjacent Land Use	Good Good Commercia	al and office		

COMMENTS

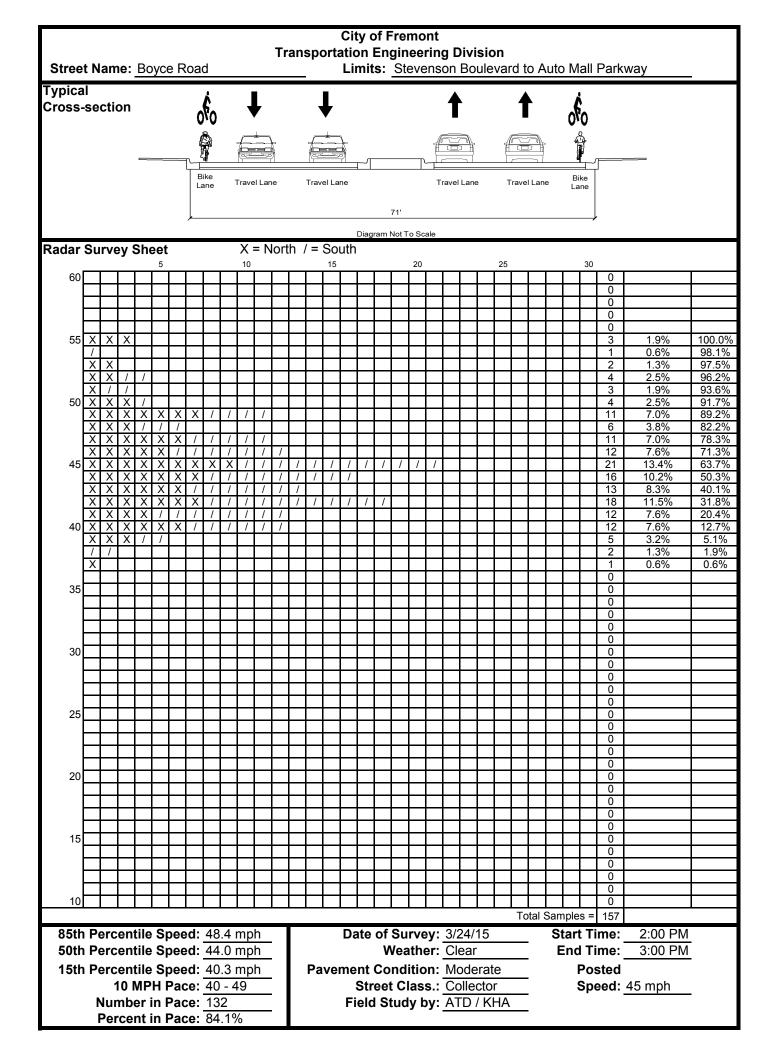
The 85th-percentile speed of 36.6 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 29 mph to 38 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.



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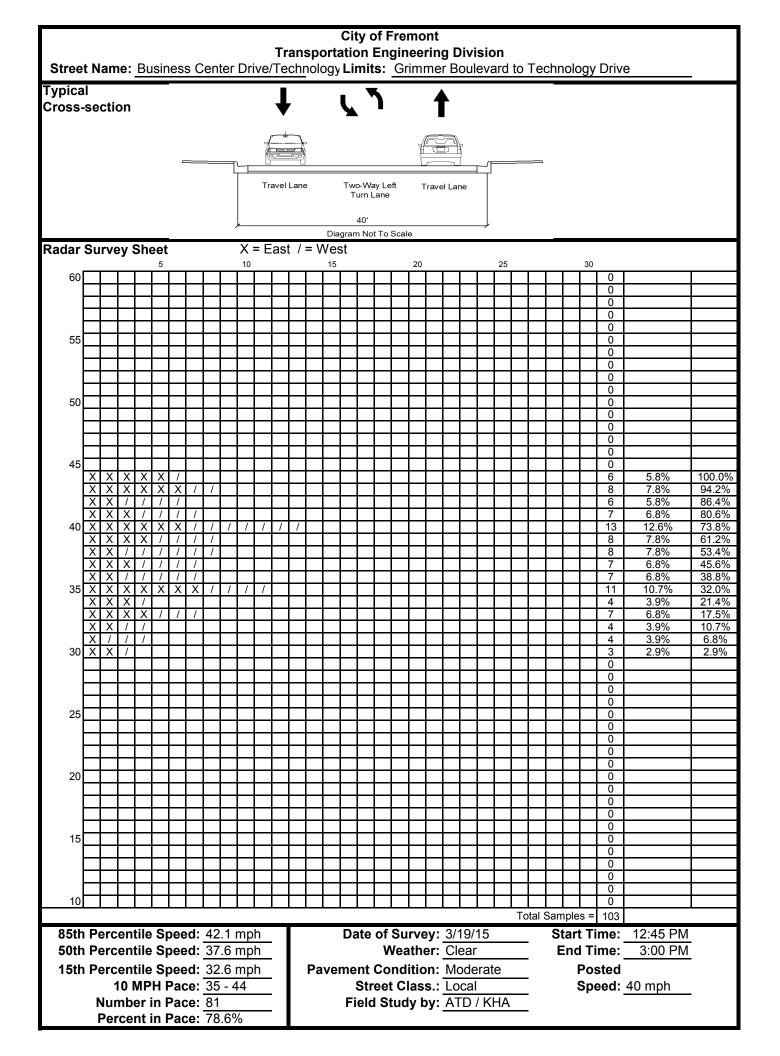
STREET: Boyce Road SURVEY DATE: 3/24/2015 FROM: Stevenson Boulevard TO: Auto Mall Parkway SPEED DATA Posted Speed Limit 45 mph Location of Speed Survey 2:00 PM - 3:00 PM Recommended Speed Limit 45 mph Soth Percentile Speed (Mean Speed) 44.0 mph Speed Limit Change No 85th Percentile Speed 48.4 mph Speed Justification 85th-percentil 10 mph Pace Speed 40 - 49 mph Speed Justification 85th-percentil	
SPEED DATALocation of Speed Survey41604 Boyce RdTime of Speed Survey2:00 PM - 3:00 PMSoth Percentile Speed (Mean Speed)44.0 mphSoth Percentile Speed (Mean Speed)44.0 mphSoth Percentile Speed48.4 mphSpeed Justification85th-percentil10 mph Pace Speed40 - 49 mph	
Location of Speed Survey41604 Boyce RdPosted Speed Limit45 mphTime of Speed Survey2:00 PM - 3:00 PMRecommended Speed Limit45 mph50th Percentile Speed (Mean Speed)44.0 mphSpeed Limit ChangeNo85th Percentile Speed48.4 mphSpeed Justification85th-percentil10 mph Pace Speed40 - 49 mphrounded dowr	
Location of Speed Survey41604 Boyce RdPosted Speed Limit45 mphTime of Speed Survey2:00 PM - 3:00 PMRecommended Speed Limit45 mph50th Percentile Speed (Mean Speed)44.0 mphSpeed Limit ChangeNo85th Percentile Speed48.4 mphSpeed Justification85th-percentil10 mph Pace Speed40 - 49 mphrounded dowr	
Time of Speed Survey2:00 PM - 3:00 PMRecommended Speed Limit45 mph50th Percentile Speed (Mean Speed)44.0 mphSpeed Limit ChangeNo85th Percentile Speed48.4 mphSpeed Justification85th-percentil10 mph Pace Speed40 - 49 mphrounded down	
50th Percentile Speed (Mean Speed)44.0 mphSpeed Limit ChangeNo85th Percentile Speed48.4 mphSpeed Justification85th-percentil10 mph Pace Speed40 - 49 mphrounded down	
85th Percentile Speed48.4 mphSpeed Justification85th-percentil10 mph Pace Speed40 - 49 mphaverageaverageaverage	
10 mph Pace Speed40 - 49 mphrounded dowr	e sneed
Percentage of Vehicles in Pace 84.1% Section 21400	•
Number of Survey Samples 157	
COLLISION HISTORY	
Number of Years Studied 4	
Total Collisions 0	
Collision Rate (ACC/MVM) 0.00	
Expected Collisions (ACC/MVM) 1.55	
TRAFFIC FACTORS	
Average Daily Traffic 21,020	
Type of Traffic Control Traffic signals at Stevenson Blvd and Auto Mall Pkwy	
Pedestrian Traffic Low	
Truck Traffic Low	
ROADWAY CHARACTERISTICS	
Length of Segment 6,147	
Width 71'	
Number of Lanes NB - 2 SB - 2	
Street Classification Collector	
Divided Median? Yes	
Designated Bike Route? Yes	
Bike Lanes? Yes	
Uncontrolled Crosswalks? No	
On-Street Parking? Yes	
Sidewalks? Yes - Discontinuous on both sides	
Driveways? Few	
Vertical Curve None	
Horizontal Curve None	
Visibility Good	
Pavement Condition Moderate	
Adjacent Land Use Commercial and industrial	

<u>COMMENTS</u> The 85th-percentile speed of 48.4 mph indicates a 50 mph speed limit. The 10 mph pace ranges from 40 mph to 49 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 45 mph.



	CITY OF FRE ENGINEERING AND TRA	2
STREET: Business Center FROM: Grimmer Bouleval	Drive/Technology Place ard	SURVEY DATE: 3/19/2015 TO: Technology Drive
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	42.1 mph 35 - 44 mph	Posted Speed Limit40 mphRecommended Speed Limit40 mphSpeed Limit ChangeNoSpeed Justification85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic	1,523 Stop signs at Technology Dr and Grimmer Blvd Low	I
Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Moderate RISTICS 3077' 40' EB - 1 WB - 1 Local Two-way left-turn lane No No No No Yes Yes - Except on north side of street between Te Few None Yes - Approx 800' east of Technology Dr Good Moderate Office	echnology Dr and the 90 degree bend

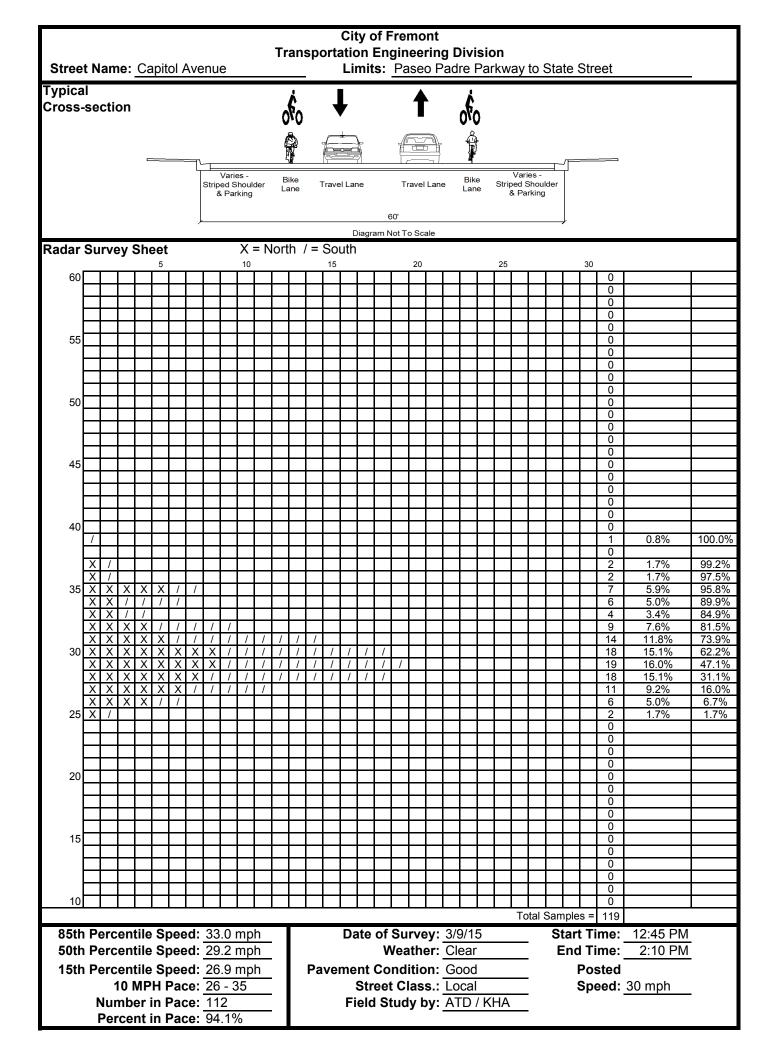
COMMENTS The 85th-percentile speed of 42.1 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 40 mph.



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STREET:Capitol AvenueFROM:Paseo Padre Par	ƙway			SURVE TO:	Y DATE: State Stree	3/9/201 t	5
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		3340 Capitol Ave. 12:45 PM - 2:10 PM 29.2 mph 33.0 mph 26 - 35 mph 94.1% 119		Recomm Speed Li	Speed Limit nended Spee imit Change ustification	d Limit	30 mph 30 mph No 85th-percentile speed rounded down per CVC Section 21400(b)
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	IVM)	4 0 0.00 1.46					
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	5,304 Traffic sigr Low Low	al at Paseo Padre Pkwy	; stop sign at St	ate St			
ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification Divided Median?	RISTICS 1,637 60' NB -1 Local No	SB - 1					
Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	Yes Yes At Hasting Yes Yes - Cont	s St and Liberty St inuous					
Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Few None None Good Good Commercia	al and office					

COMMENTS The 85th-percentile speed of 33.0 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 26 mph to 35 mph and the suggested speed limit falls within this range. The collision rate for this segment is below the expected rate. Based on CVC Section 21400(b), the 85thpercentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 30 mph.

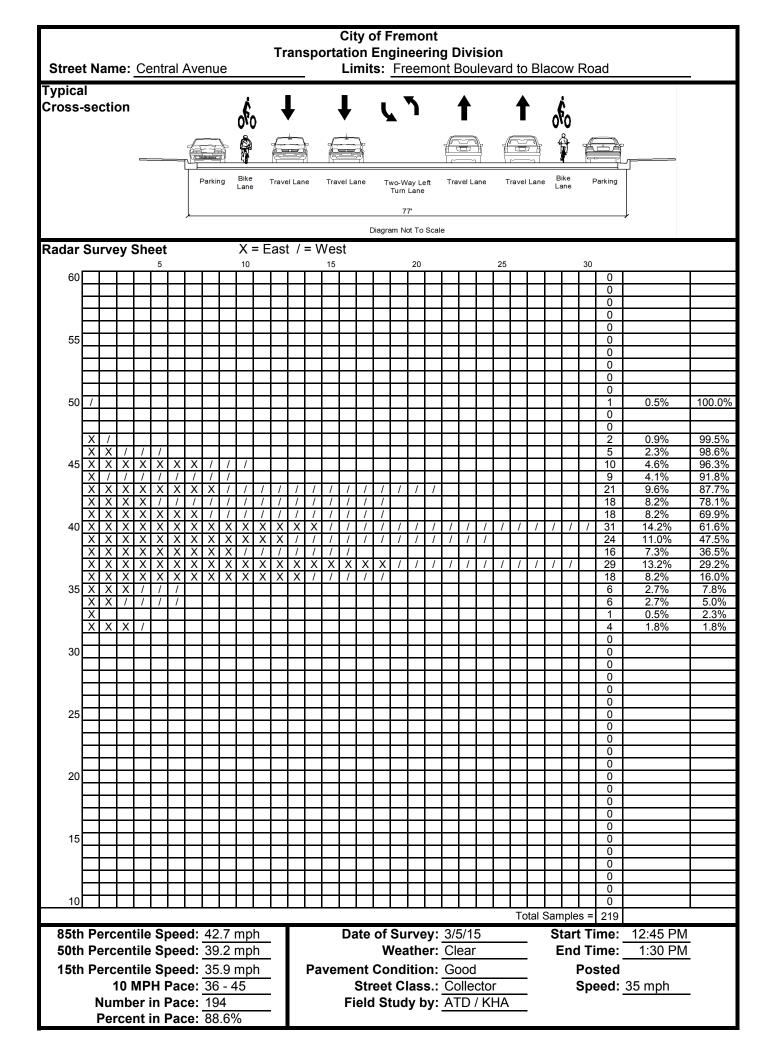


22

STREET: Central Avenue				5/2015
FROM: Freemont Boulev	ard		TO: Blacow Road	
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed	. ,	4827 Central Avenue 12:45 PM - 1:30 PM 39.2 mph 42.7 mph 36 - 45 mph	Posted Speed Limit Recommended Speed L Speed Limit Change Speed Justification	Yes 85th-percentile speed downgraded 5 mph due
Percentage of Vehicles in Pa	ice	88.6%		to fronting residential and uncontrolled crosswalks
Number of Survey Samples		219		uncontrolled crosswarks
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 4 0.18 1.99		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	15,158 Traffic sign Low Low	als at Blacow Rd, Glenmoor D	r, Logan Dr, Dusterberry Way, and Fr	emont Blvd
ROADWAY CHARACTER Length of Segment Width	RISTICS 5315' 77'			
Number of Lanes	EB - 2	WB - 2		
Street Classification	Collector	<i></i>		
Divided Median?	Two-way le	ft-turn lane		
Designated Bike Route? Bike Lanes?	Yes Yes			
Uncontrolled Crosswalks?		St and Teakwood Dr		
On-Street Parking?	Yes			
Sidewalks?	Yes - Conti	nuous		
Driveways?	Many			
Vertical Curve	None			
Horizontal Curve	None			
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Fronting re	sidential, commercial, apartme	ents, and church	

COMMENTS

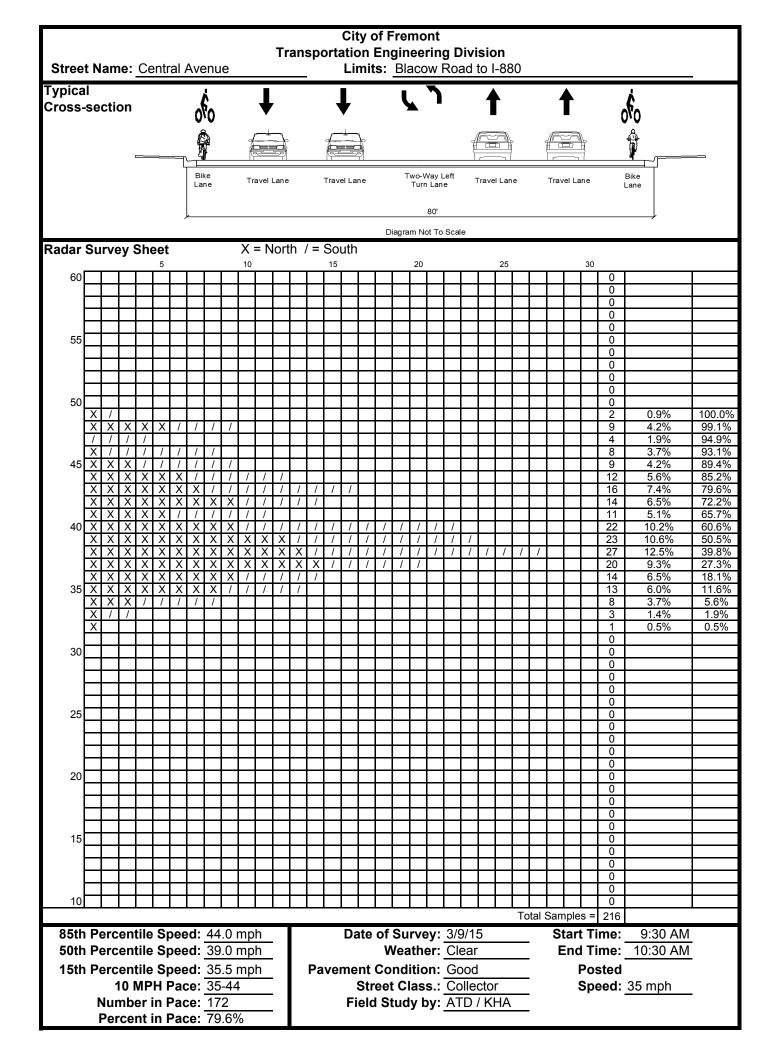
The 85th-percentile speed of 42.7 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 25 mph to 34 mph and the suggested speed limit is above this range. The collision rate for this segment is below the expected rate. Due to the fronting residential and uncontrolled crosswalks, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the posted speed limit be increased to 40 mph, based upon downgrading the 85th-percentile indicated speed of 45 mph by 5 mph.



23

STREET: Central Avenue			SURVEY DATE: 3/9/201	5
FROM: Blacow Road			TO: I-880	
SPEED DATA				
Location of Speed Survey		5206 Central Avenue	Posted Speed Limit	35 mph
Time of Speed Survey		9:30 AM - 10:30 AM	Recommended Speed Limit	40 mph
50th Percentile Speed (Mear	n Speed)	39.0 mph	Speed Limit Change	Yes
85th Percentile Speed		44.0 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		35-44 mph		rounded down per CVC
Percentage of Vehicles in Pa	ace	79.6%		Section 21400(b)
Number of Survey Samples		216		
COLLISION HISTORY Number of Years Studied				
Total Collisions		4 0		
Collision Rate (ACC/MVM)		0.00		
Expected Collisions (ACC/M	VM)	1.99		
	•••••	1.00		
TRAFFIC FACTORS				
Average Daily Traffic	14,152			
Type of Traffic Control	-	als at Farwell Dr and Blacow Rd		
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTER	RISTICS			
Length of Segment	2110'			
Width	80'			
Number of Lanes	NB - 2	SB - 2		
Street Classification	Collector			
Divided Median?	No			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	Yes - On east side of street between Centralmont PI and Farwell Dr			
Sidewalks?	Yes - Cont	inuous		
Driveways?	Few			
Vertical Curve	None			
Horizontal Curve	None			
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Non-frontir	ng residential, commercial, and cemeta	iry	

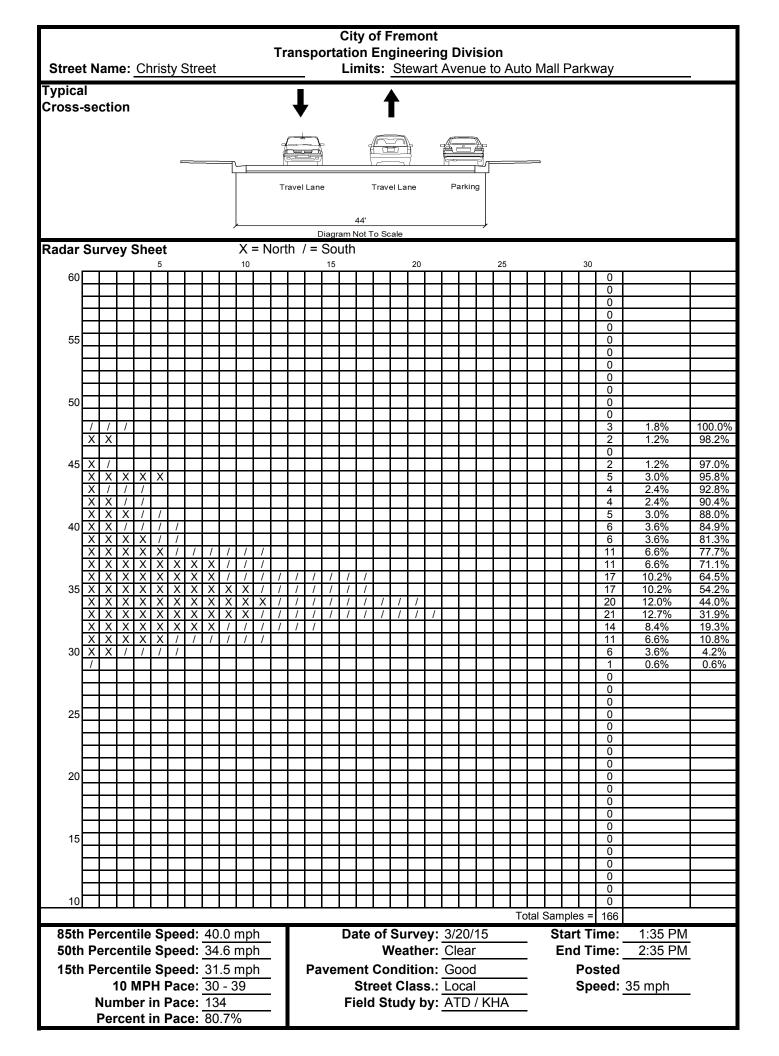
<u>COMMENTS</u> The 85th-percentile speed of 44.0 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit be increased to 40 mph.



24

STREET: Christy Street FROM: Stewart Avenue			SURVEY	DATE: 3	/20/2015 Kway
					and y
SPEED DATA					
Location of Speed Survey	Christy St 1800 I	Feet South of Stewart Ave	Posted Spe	ed Limit	35 mph
Time of Speed Survey	1:35	PM - 2:35 PM	Recommer	nded Speed	Limit 40 mph
50th Percentile Speed (Mear	Speed) 34.6	mph	Speed Lim	it Change	Yes
85th Percentile Speed		mph	Speed Just	-	85th-percentile speed
10 mph Pace Speed	30 -	39 mph	•		
Percentage of Vehicles in Pa	ce 80.7	%			
Number of Survey Samples	166				
COLLISION HISTORY					
Number of Years Studied	4				
Total Collisions	0				
Collision Rate (ACC/MVM)	0.00				
Expected Collisions (ACC/M	VM) 1.46	i de la construcción de la constru			
TRAFFIC FACTORS					
Average Daily Traffic	5,551				
Type of Traffic Control	Traffic signal at A	Auto Mall Pkwy; stop signs at Stev	vart Ave and A	Albrae St	
Pedestrian Traffic	Low				
Truck Traffic	High				
ROADWAY CHARACTER	RISTICS				
Length of Segment	4,983				
Width	44'				
Number of Lanes	NB - 1 SB -	- 1			
Street Classification	Local				
Divided Median?	Two-way left-turr	n lane - between Albrae St and Au	to Mall Pkwy		
Designated Bike Route?	No				
Bike Lanes?	No				
Uncontrolled Crosswalks?	No				
On-Street Parking?	Yes				
Sidewalks?	Yes - Discontinu	ous on both sides			
Driveways?	Few				
Vertical Curve	None				
Horizontal Curve	Yes - Between B	oscoll Common and Albrae St			
Visibility	Good				
Pavement Condition	Good				
Adjacent Land Use	Office and indust	rial			

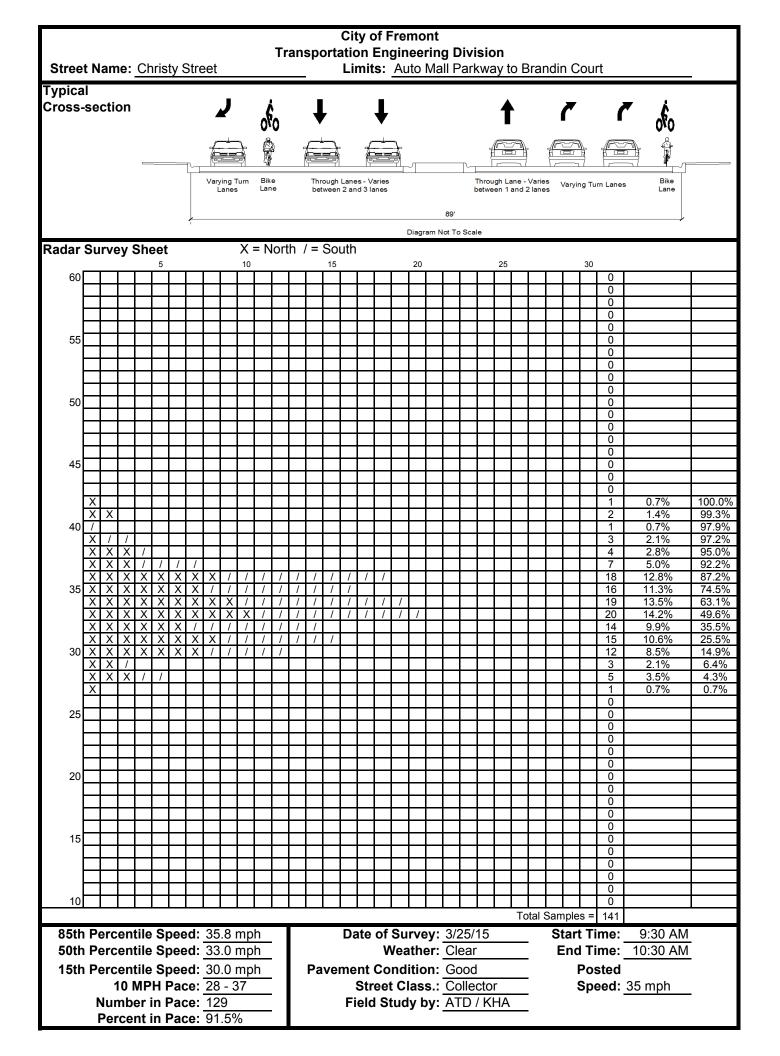
<u>COMMENTS</u> The 85th-percentile speed of 40.0 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 30 mph to 39 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.



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STREET: Christy Street			SURVEY DATE: 3/25/20	15
FROM: Auto Mall Parkwa	iy		TO: Brandin Court	
	,			
SPEED DATA				
Location of Speed Survey	Christy St -	525 Feet South of Auto Mall Pkwy	Posted Speed Limit	35 mph
Time of Speed Survey		9:30 AM - 10:30 AM	Recommended Speed Limit	35 mph
50th Percentile Speed (Mear	n Speed)	33.0 mph	Speed Limit Change	No
85th Percentile Speed		35.8 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		28 - 37 mph	-	
Percentage of Vehicles in Pa	ace	91.5%		
Number of Survey Samples		141		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		2		
Collision Rate (ACC/MVM)		0.25		
Expected Collisions (ACC/M	VM)	1.55		
TRAFFIC FACTORS				
Average Daily Traffic	3/18/1941			
Type of Traffic Control	Traffic sign	als at Auto Mall Pkwy, Curie St, and B	randin Ct	
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTER	RISTICS			
Length of Segment	1909'			
Width	80'			
Number of Lanes	NB - 2/3	SB - 2/3		
Street Classification	Collector			
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	Yes - Conti	nuous		
Driveways?	Few			
Vertical Curve	None			
Horizontal Curve	None			
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Commercia	l		

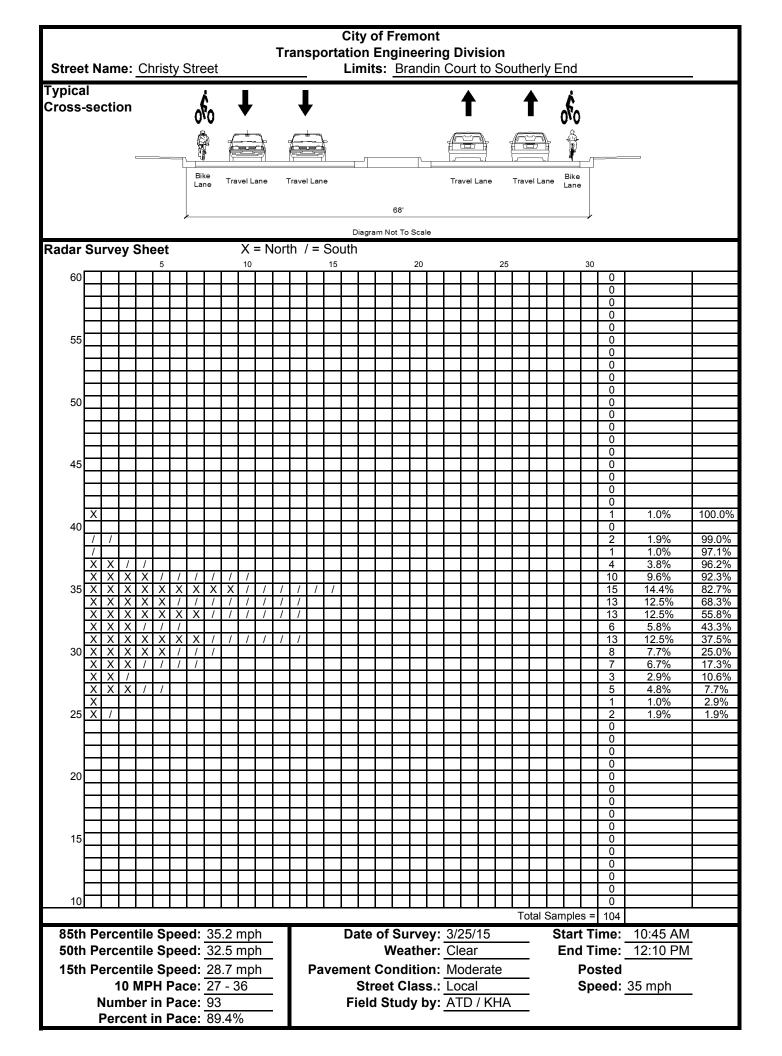
COMMENTS The 85th-percentile speed of 35.8 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 28 mph to 37 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.



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STREET:Christy StreetFROM:Brandin Court			SURVEY D TO: S	DATE: 3/2 Southerly End	25/2015
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	. ,	44096 Christy Street 10:45 AM - 12:10 PM 32.5 mph 35.2 mph 27 - 36 mph 89.4% 104	Posted Spec Recommend Speed Limit Speed Justi	ded Speed L Change	35 mph imit 35 mph No 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	IVM)	4 0 0.00 1.46			
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	1,063 Traffic Sig Low Low	nal at Brandin Ct			
ROADWAY CHARACTE Length of Segment Width Number of Lanes	1995' 68' NB - 2	SB - 2			
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Local No No No No				
On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	Few None Yes - Appi	on east end adjacent to businesses rox 1000' east of Brandin Ct			
Visibility Pavement Condition Adjacent Land Use	Good Moderate Office				

COMMENTS The 85th-percentile speed of 35.2 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.



CITY OF FREMONT ENGINEERING AND TRAFFIC SURVEY STREET: Civic Center Drive SURVEY DATE: 3/12/2015 TO: Mowry Avenue Bart Way

27

FROM:

Location of Speed Survey Civic Cent Time of Speed Survey	ter Dr - 350 Feet North of Bart Way 12:00 PM - 1:30 PM	Posted Speed Limit Recommended Speed Limit	30 mph 30 mph
50th Percentile Speed (Mean Speed)	25.2 mph	Speed Limit Change	No
85th Percentile Speed	27.8 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed	22 - 31 mph		
Percentage of Vehicles in Pace	97.2%		
Number of Survey Samples	107		

Number of Years Studied	4
Total Collisions	2
Collision Rate (ACC/MVM)	0.67
Expected Collisions (ACC/MVM)	1.55

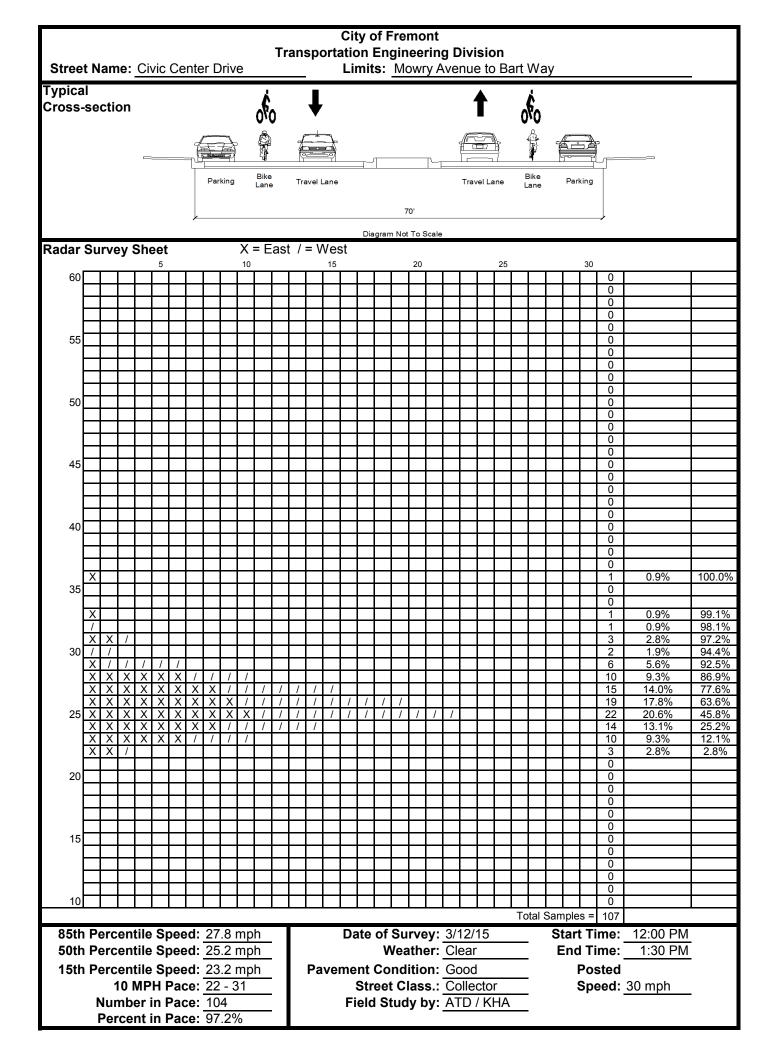
TRAFFIC FACTORS

Average Daily Traffic	10,111
Type of Traffic Control	Traffic signals at Mowry Ave and Bart Way
Pedestrian Traffic	High
Truck Traffic	Low

ROADWAY CHARACTERISTICS

Length of Segment	1,075
Width	70'
Number of Lanes	EB - 1 WB - 1
Street Classification	Collector
Divided Median?	Yes
Designated Bike Route?	Yes
Bike Lanes?	Yes
Uncontrolled Crosswalks?	At Washington Hospital entrance
On-Street Parking?	Yes
Sidewalks?	Yes - Continuous
Driveways?	Few
Vertical Curve	None
Horizontal Curve	None
Visibility	Good
Pavement Condition	Good
Adjacent Land Use	Office, hospital, and BART

<u>COMMENTS</u> The 85th-percentile speed of 27.8 mph indicates a 30 mph speed limit. The 10 mph pace ranges from 22 mph to 31 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 30 mph.

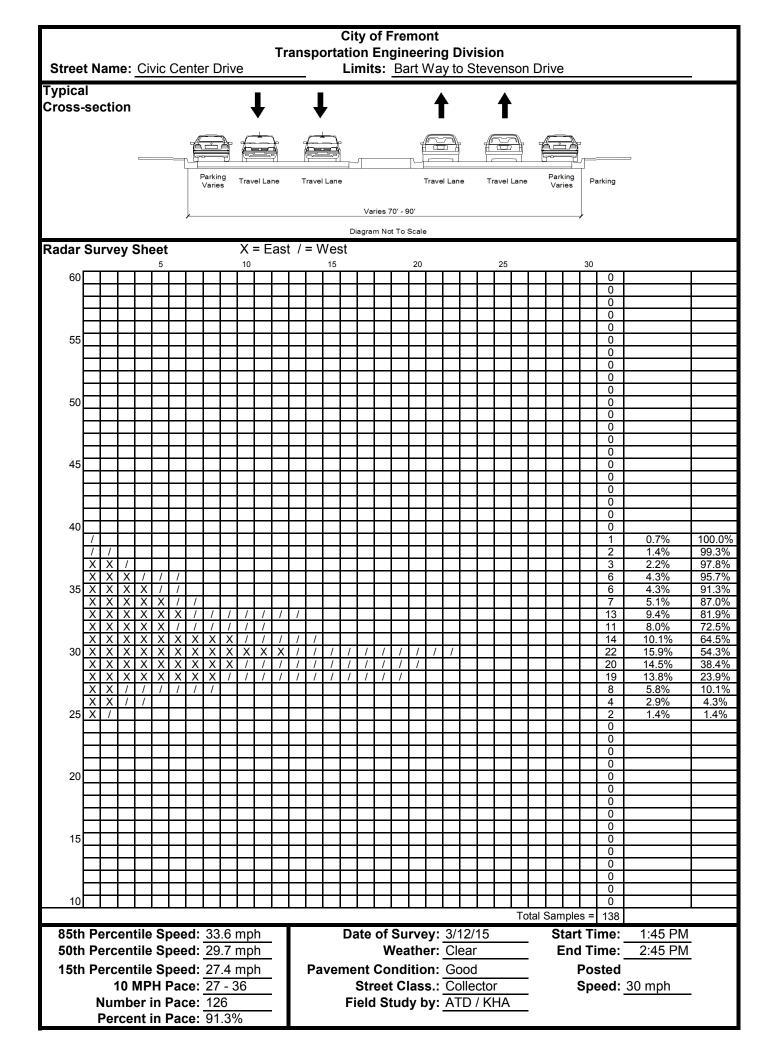


STREET:	Civic Center Drive	9		SURVEY	DATE: 3/12/20	15
FROM:	Bart Way			TO:	Stevenson Drive	
SPEED DA						
	Speed Survey	Civic Cente	er Dr - 750 Feet South of Walnut Ave	Posted Sp		30 mph
Time of Spe	•		1:45 PM - 2:45 PM		nded Speed Limit	-
	tile Speed (Mean	Speed)	29.7 mph	Speed Lim	•	No
85th Percen	•		33.6 mph	Speed Jus	stification	85th-percentile speed
10 mph Pace			27 - 36 mph			rounded down per CVC
	of Vehicles in Pa	ce	91.3%			Section 21400(b)
Number of S	Survey Samples		138			
	N HISTORY					
	ears Studied		4			
Total Collisi			3			
	ite (ACC/MVM)		0.39			
	ollisions (ACC/M	VM)	1.55			
		,				
TRAFFIC F	ACTORS					
Average Dai	ly Traffic	12,102				
Type of Traf	fic Control	Traffic sign	als at Walnut Ave and Stevenson Blvd			
Pedestrian 1	Fraffic	Moderate				
Truck Traffic	C	Low				
	Y CHARACTER					
Length of Se	egment	2,295				
Width		70'-90'				
Number of L		EB - 2	WB - 2			
Street Class		Collector				
Divided Med		Yes				
Designated		Yes				
Bike Lar		No				
	d Crosswalks?	No				
On-Street Pa	arking ?	Yes Yes - Conti	24242			
Sidewalks?		Few	nuous			
Driveways? Vertical Curr		rew None				
Horizontal Cur		None				
Visibility		Good				
Pavement C	ondition	Good				
Adjacent La			al, office, hospital, and park			
Aujuoont La						

<u>COMMENTS</u> The 85th-percentile speed of 33.6 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate for this segment is below the expected rate. Based on CVC Section 21400(b), the 85thpercentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 30 mph.

Approved and Authorized for release by City of Fremont, CA:

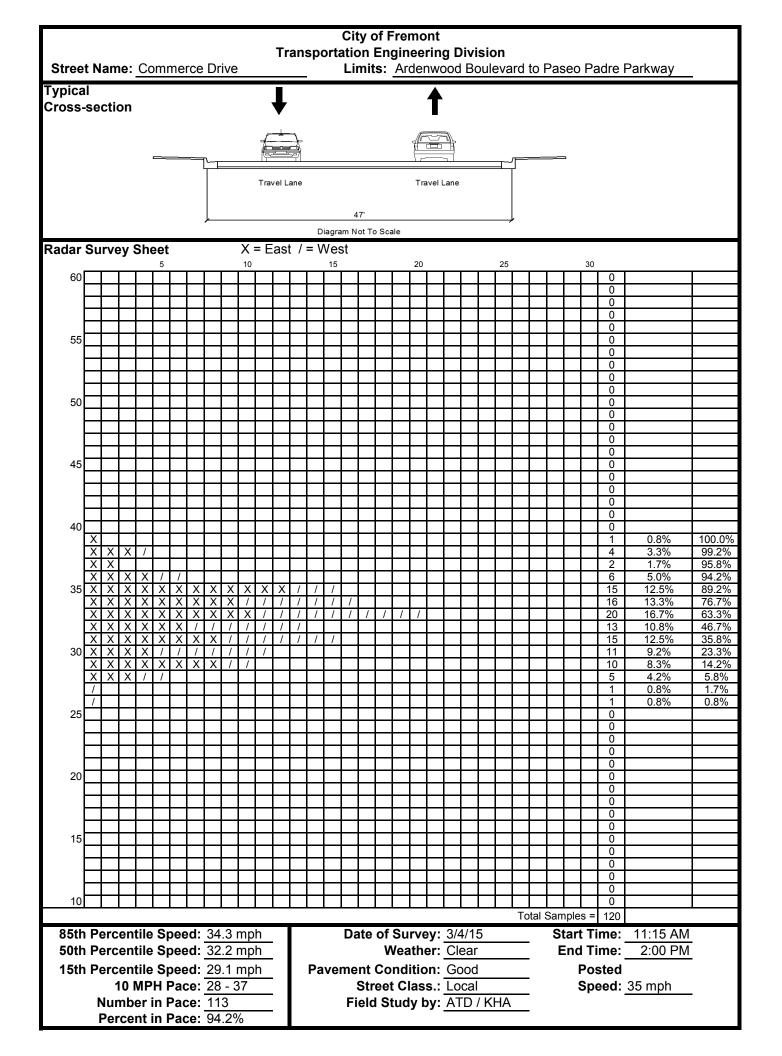
28



29

STREET: Commerce Drive			SURVEY DATE: 3/4/201	5
FROM: Ardenwood Boule	vard		TO: Paseo Padre Parkw	ay
				<u>,</u>
SPEED DATA				
Location of Speed Survey	Commerce E	Blvd btwn Paseo Padre & Ardenwood	Posted Speed Limit	35 mph
Time of Speed Survey		11:15 AM - 2:00 PM	Recommended Speed Limit	•
50th Percentile Speed (Mean	Speed)	32.2 mph	Speed Limit Change	No
85th Percentile Speed	opeed)	34.3 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		28 - 37 mph		Provide Provid
Percentage of Vehicles in Pa	ce	94.2%		
Number of Survey Samples		120		
,,				
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		0		
Collision Rate (ACC/MVM)		0.00		
Expected Collisions (ACC/M	VM)	1.46		
	• ••••	1.10		
TRAFFIC FACTORS				
Average Daily Traffic	828			
Type of Traffic Control		al at Ardamusad Dludu atan aign at Das		
Pedestrian Traffic	Moderate	al at Ardenwood Blvd; stop sign at Pas	seo Padre Pkwy	
Truck Traffic	Low			
	LOW			
ROADWAY CHARACTER	POTICS			
Length of Segment	1,479			
Width	47'			
Number of Lanes	47 EB - 1	WB - 1		
Street Classification	Local	VVB - 1		
Divided Median?	No			
Designated Bike Route?	Yes			
Bike Lanes?	No			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?		outh side only		
Driveways?	Few			
Vertical Curve	None			
Horizontal Curve		ontal curve along entire segment		
Visibility	Good	and our ound only only object		
Pavement Condition	Good			
Adjacent Land Use	Office			
Aujuoont Lund 036	Onice			

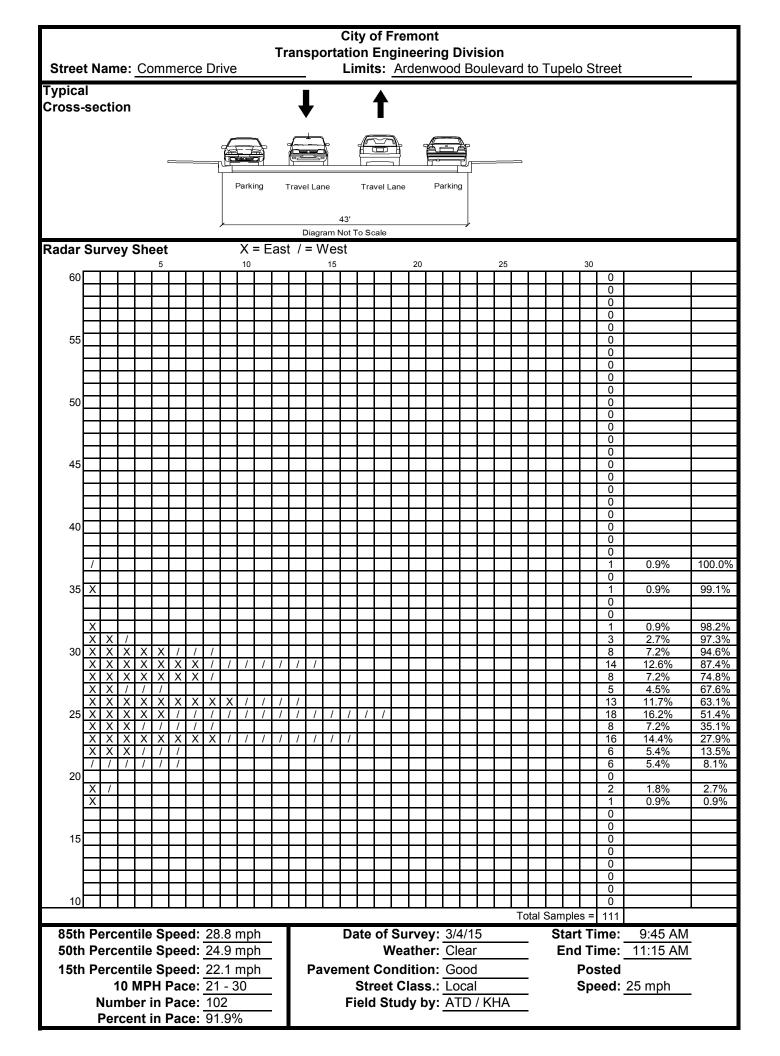
COMMENTS The 85th-percentile speed of 34.3 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 28 mph to 37 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.



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STREET: Commerce Drive			SURVEY DATE: 3/4/201	5
FROM: Ardenwood Boule	evard		TO: Tupelo Street	
SPEED DATA Location of Speed Survey	Commerce	Blvd 650' East of Ardenwood Blvd	Posted Speed Limit	25 mph
Time of Speed Survey		9:45 AM - 11:15 AM	Recommended Speed Limit	-
50th Percentile Speed (Mear	i Speed)	24.9 mph	Speed Limit Change	Yes
85th Percentile Speed		28.8 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		21 - 30 mph		
Percentage of Vehicles in Pa	ace	91.9%		
Number of Survey Samples		111		
COLLISION HISTORY Number of Years Studied Total Collisions		4 0		
Collision Rate (ACC/MVM)		0.00		
Expected Collisions (ACC/M	VM)	1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic	1,805 Traffic sign Low	al at Ardenwood Blvd; stop sign at Tup	elo St	
Truck Traffic	Low			
ROADWAY CHARACTER				
Length of Segment	3250'			
Width	43'			
Number of Lanes	EB - 1	WB - 1		
Street Classification	Local			
Divided Median?	No			
Designated Bike Route?	No			
Bike Lanes?	No			
Uncontrolled Crosswalks?	No			
On-Street Parking?	Yes			
Sidewalks?	Yes - Conti	nuous		
Driveways?	Many			
Vertical Curve	None			
Horizontal Curve	Yes - Betw	een Tan Bark Dr and Mimosa Terr		
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Non-frontin	g residential, fronting residential, and p	park	

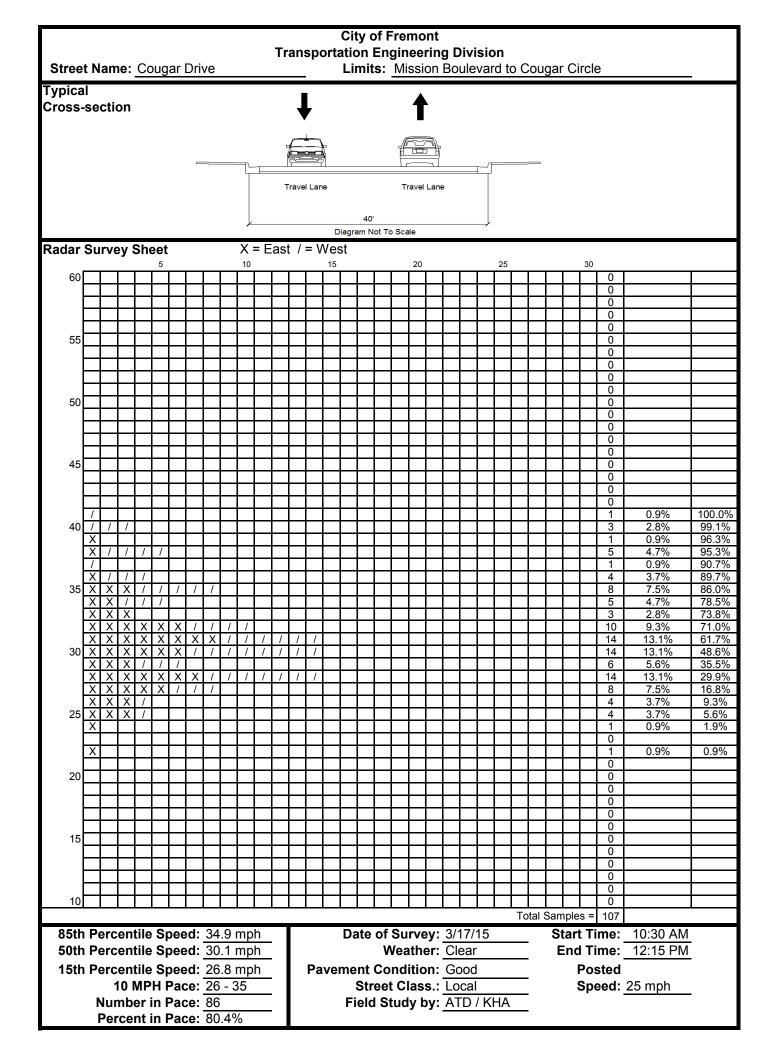
<u>COMMENTS</u> The 85th-percentile speed of 28.8 mph indicates a 30 mph speed limit. The 10 mph pace ranges from 21 mph to 30 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 30 mph.



31

STREET: Cougar Drive FROM: Mission Boulevar	d		SURVEY DATE: 3/17/20 TO: Cougar Circle	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	. ,	Cougar Dr - 100 Feet East of Lynx Dr 10:30 AM - 12:15 PM 30.1 mph 34.9 mph 26 - 35 mph 80.4% 107	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	25 mph 30 mph Yes 85th-percentile speed rounded down per CVC Section 21400(b)
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	1,574 Traffic sign Low Low	al at Mission Blvd; stop sign at Cougar	Cir	
ROADWAY CHARACTED Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route?	1045' 40' EB - 1 Local No No	WB - 1		
Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve		inuous een Trout Ct and Cougar Cir een Lynx Ct and Cougar Cir		
Visibility Pavement Condition Adjacent Land Use	Fair Good	g residential		

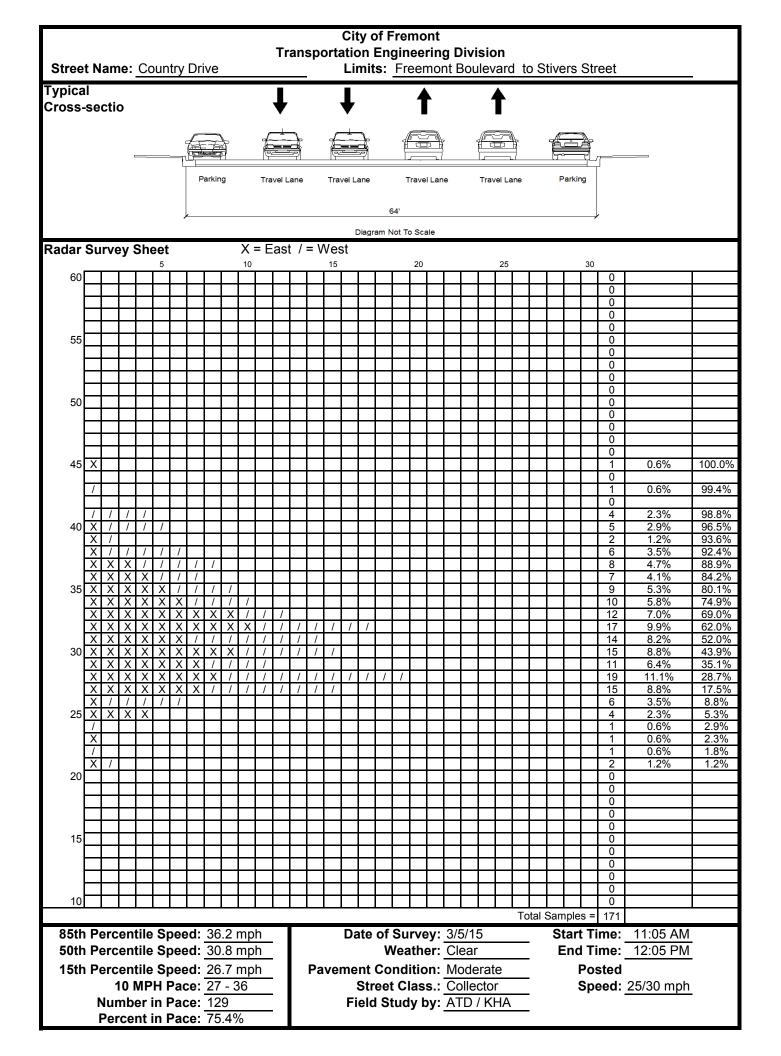
COMMENTS The 85th-percentile speed of 34.9 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 26 mph to 35 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit be increased to 30 mph.



32

STREET: Country Drive			SURVEY DATE: 3/5/201	5
FROM: Freemont Boulev	ard		TO: Stivers Street	-
The first bodiev	aiu		IC. Suvers Sureet	
SPEED DATA				
SPEED DATA Location of Speed Survey		2400 Country Dr	Posted Speed Limit	25/20 mph
Time of Speed Survey		3400 Country Dr	-	25/30 mph
	0	11:05 AM - 12:05 PM	Recommended Speed Limit	-
50th Percentile Speed (Mear	i Speed)	30.8 mph 36.2 mph	Speed Limit Change	Yes
	85th Percentile Speed		Speed Justification	85th-percentile speed downgraded 5 mph due
10 mph Pace Speed		27 - 36 mph		to high pedestrian activity
Percentage of Vehicles in Pa	ace	75.4%		and proximity to school
Number of Survey Samples		171		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		1		
Collision Rate (ACC/MVM)		0.29		
Expected Collisions (ACC/M	VM)	1.99		
TRAFFIC FACTORS				
Average Daily Traffic	4,854			
Type of Traffic Control	Traffic sign	als at Fremont Blvd and Paseo Padre	Pkwy; stop signs at Lexington St a	nd Hastings St
Pedestrian Traffic	High			-
Truck Traffic	Low			
ROADWAY CHARACTER	RISTICS			
Length of Segment	2,630			
Width	64'			
Number of Lanes	EB - 2	WB -2		
Street Classification	Collector			
Divided Median?	No			
Designated Bike Route?	No			
Bike Lanes?	No			
Uncontrolled Crosswalks?	No			
On-Street Parking?	Yes			
Sidewalks?	Yes - Cont	inuous		
Driveways?	Few			
Vertical Curve	None			
Horizontal Curve		een Paseo Padre Pkwy and Stivers St		
Visibility	Good			
Pavement Condition	Moderate			
Adjacent Land Use		sidential, apartments, commercial, and	school	
Adjacent Land 036	r tonung re	sidential, apartments, commercial, and		

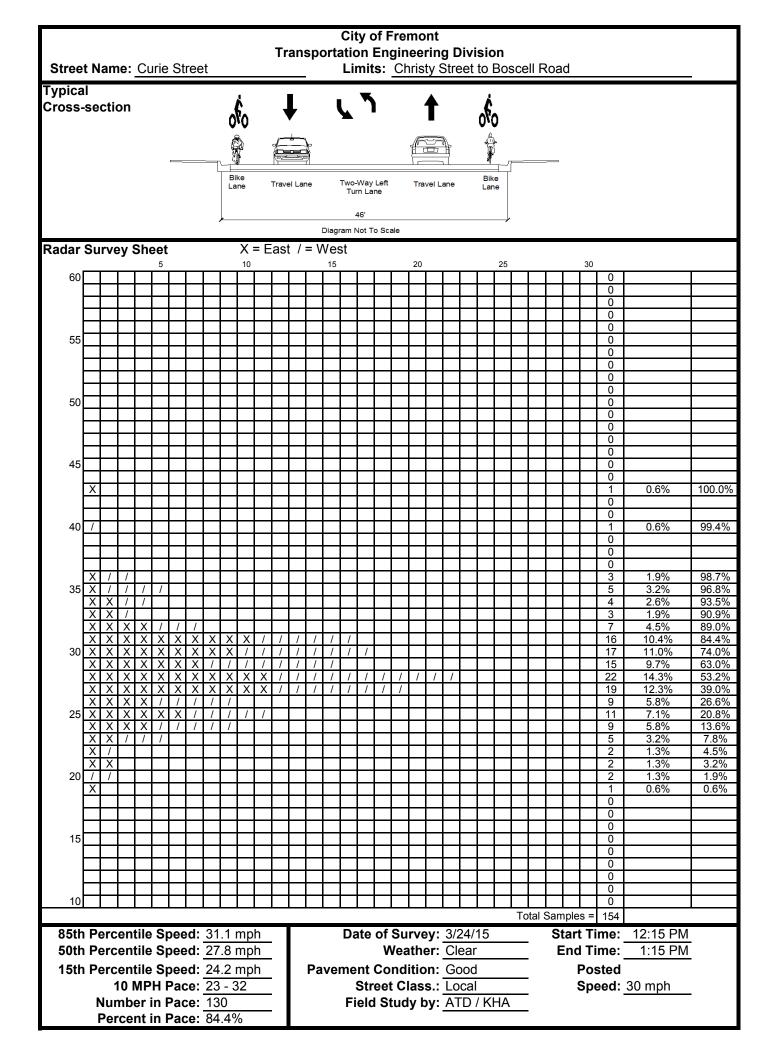
<u>COMMENTS</u> The 85th-percentile speed of 36.2 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate for this segment is below the expected rate. Due to the high pedestrian activity and proximity to school, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the posted speed limit be increased to 30 mph, based upon downgrading the 85th-percentile indicated speed of 35 mph by 5 mph.



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STREET: Curie Street			SURVEY DATE: 3/24/20	015
FROM: Christy Street			TO: Boscell Road	
SPEED DATA				
Location of Speed Survey		Curie St - 330 Ft East of Boscell Rd	Posted Speed Limit	30 mph
Time of Speed Survey		12:15 PM - 1:15 PM	Recommended Speed Limit	30 mph
50th Percentile Speed (Mear	n Speed)	27.8 mph	Speed Limit Change	No
85th Percentile Speed	• •	31.1 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		23 - 32 mph	•	
Percentage of Vehicles in Pa	ace	84.4%		
Number of Survey Samples		154		
·				
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		0		
Collision Rate (ACC/MVM)		0.00		
Expected Collisions (ACC/M	VM)	1.46		
`				
TRAFFIC FACTORS				
Average Daily Traffic	5,589			
Type of Traffic Control	-	als at Boscell Rd, Pacific Commons Bl	vd. and Christv St	
Pedestrian Traffic	Low	· · · · · · · · · · · · · · · · · · ·		
Truck Traffic	Low			
ROADWAY CHARACTER	RISTICS			
Length of Segment	1,588			
Width	46'			
Number of Lanes	EB - 1	WB -1		
Street Classification	Local			
Divided Median?	No			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	Yes			
Sidewalks?	Yes - Cont	inuous		
Driveways?	Few			
Vertical Curve	None			
Horizontal Curve	None			
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Commercia	al		
Adjacent Land Use	Commercia	al		

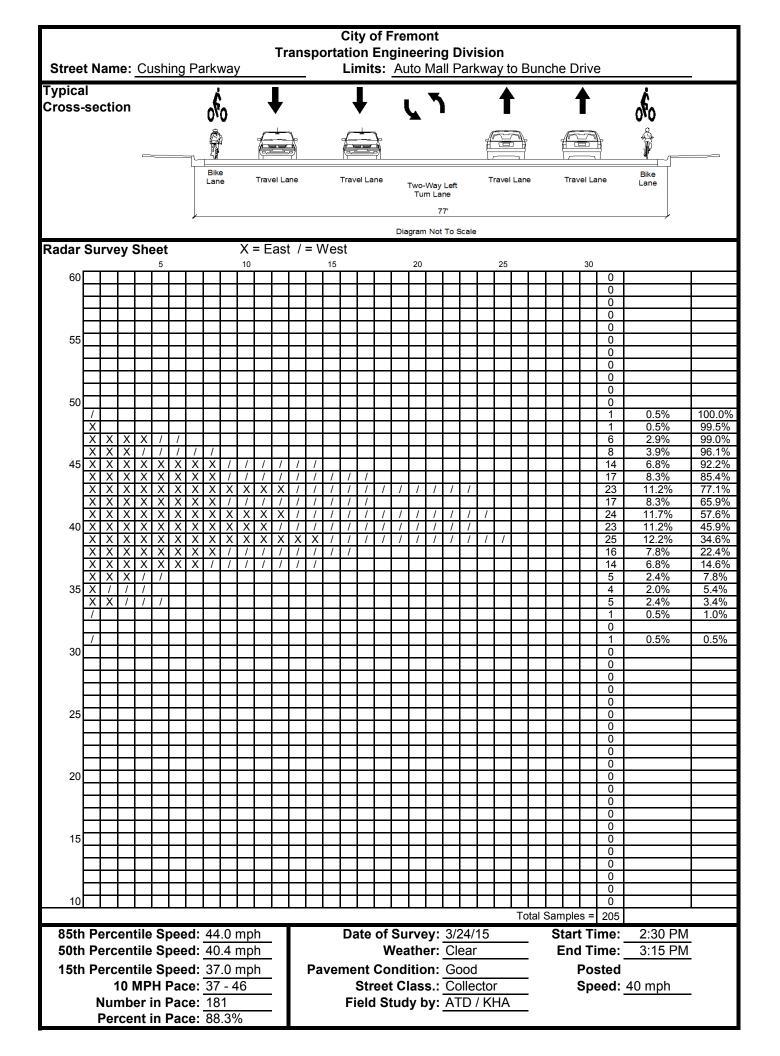
<u>COMMENTS</u> The 85th-percentile speed of 31.1 mph indicates a 30 mph speed limit. The 10 mph pace ranges from 23 mph to 32 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 30 mph.



34

STREET: Cushing Parkway ROM: Auto Mall Parkwa			SURVEY DATE: 3/24/20 TO: Bunche Drive	
	xy			
SPEED DATA				
Location of Speed Survey	Cushina Pk [,]	wy-650 Ft N of Auto Mall Pkwy Cir Signal	Posted Speed Limit	40 mph
Time of Speed Survey	e se si g s s	2:30 PM - 3:15 PM	Recommended Speed Limit	
50th Percentile Speed (Mear	n Speed)	40.4 mph	Speed Limit Change	Yes
85th Percentile Speed	,	44.0 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		37 - 46 mph		
Percentage of Vehicles in Pa	ace	88.3%		
Number of Survey Samples		205		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		2		
Collision Rate (ACC/MVM)		0.18		
Expected Collisions (ACC/M	VM)	1.99		
TRAFFIC FACTORS				
Average Daily Traffic	14,577			
Type of Traffic Control	Traffic sigr	als at Auto Mall Pkwy and Bunche Dr		
Pedestrian Traffic	Low			
Truck Traffic	Moderate			
ROADWAY CHARACTE	<u>RISTICS</u>			
Length of Segment	2,773			
Width	77'			
Number of Lanes	EB - 2	WB - 2		
Street Classification	Collector			
Divided Median?	Two-way le	eft-turn lane		
Designated Bike Route?	Yes			
	Yes			
Bike Lanes?	100			
Uncontrolled Crosswalks?	No			
Uncontrolled Crosswalks? On-Street Parking?				
Uncontrolled Crosswalks? On-Street Parking?	No	inuous		
Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	No No	inuous		
Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	No No Yes - Cont	inuous		
Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	No No Yes - Cont Few None	inuous t curve at Auto Mall Cir		
Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility	No No Yes - Cont Few None			
Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	No No Yes - Cont Few None Yes - Sligh			

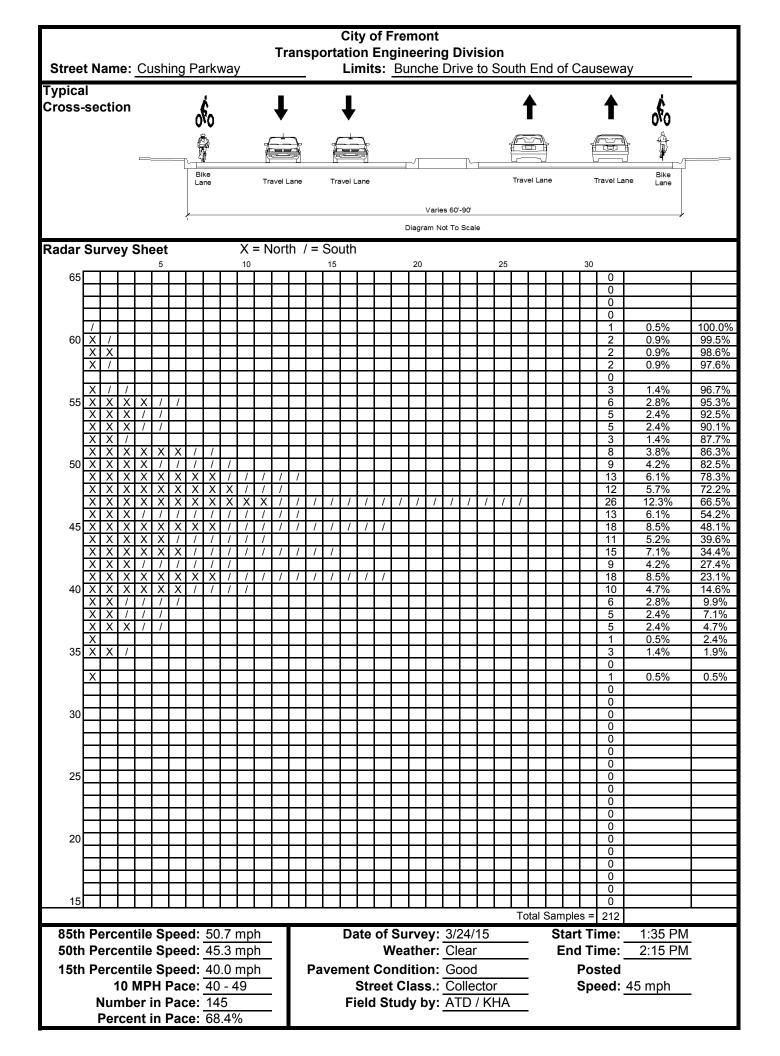
The 85th-percentile speed of 44.0 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.



CITY OF FREMONT 35 ENGINEERING AND TRAFFIC SURVEY STREET: **Cushing Parkway** SURVEY DATE: 3/24/2015 FROM: **Bunche Drive** TO: South End of Causeway SPEED DATA Location of Speed Survey Cushing Pkwy-1350 Ft S of Bunche Dr Signal **Posted Speed Limit** 45 mph Recommended Speed Limit 50 mph Time of Speed Survey 1:35 PM - 2:15 PM 50th Percentile Speed (Mean Speed) **Speed Limit Change** Yes 45.3 mph 85th Percentile Speed Speed Justification 85th-percentile speed, 50.7 mph pending engineering 10 mph Pace Speed 40 - 49 mph investigation as required Percentage of Vehicles in Pace 68.4% by CVC 22404 **Number of Survey Samples** 212 **COLLISION HISTORY** Number of Years Studied 4 **Total Collisions** 1 Collision Rate (ACC/MVM) 0.05 Expected Collisions (ACC/MVM) 1.55 TRAFFIC FACTORS **Average Daily Traffic** 15,721 Type of Traffic Control Traffic signal at Bunche Dr Pedestrian Traffic I ow Truck Traffic Low **ROADWAY CHARACTERISTICS** Length of Segment 4400' Width 60'-90' Number of Lanes NB -2 SB -2 Street Classification Collector **Divided Median?** Yes **Designated Bike Route?** Yes **Bike Lanes?** Yes Uncontrolled Crosswalks? No **On-Street Parking?** No Yes - Continuous Sidewalks? **Driveways?** None Vertical Curve None **Horizontal Curve** Yes - At causeway Visibilitv Good **Pavement Condition** Good Adjacent Land Use Undeveloped wetlands

COMMENTS

The 85th-percentile speed of 50.7 mph indicates a 50 mph speed limit. The 10 mph pace ranges from 40 mph to 49 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 50 mph. CVC 22404 requires that an engineering investigation be performed and a public hearing be held prior to making a determination of the maximum safe speed upon an elevated structure.

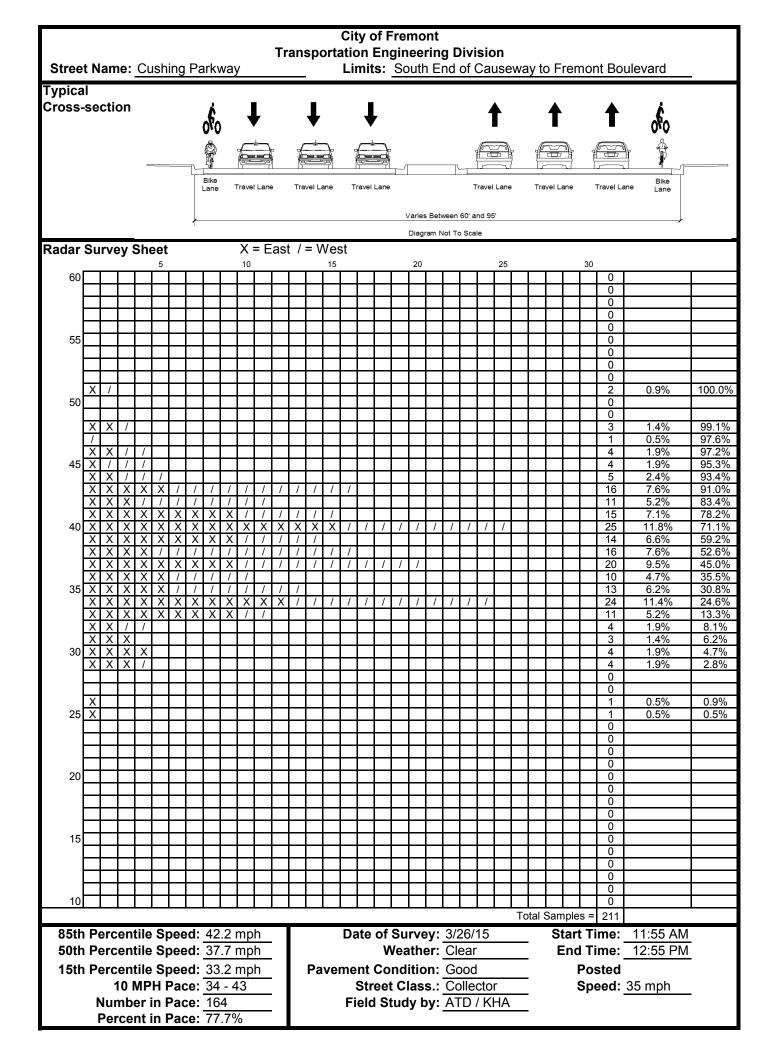


STREET:	Cushing Parkway			S	URVEY	DATE: 3/26/20	15
FROM:	South End of Caus	seway		Т	ю:	Fremont Boulevard	
		•					
SPEED DA	TA						
	Speed Survey		4435 Cushing Pkwy	Р	osted Sp	beed Limit	35 mph
Time of Spee	ed Survey		11:55 AM - 12:55 PM	R	ecomme	ended Speed Limit	40 mph
50th Percentile Speed (Mean Speed)			37.7 mph	S	peed Lin	nit Change	Yes
85th Percentile Speed			42.2 mph	S	peed Ju	stification	85th-percentile speed
10 mph Pace Speed			34 - 43 mph				
Percentage of Vehicles in Pace			77.7%				
Number of Survey Samples			211				
<u>COLLISION</u>	<u>N HISTORY</u>						
Number of Y	ears Studied		4				
Total Collisio	ons		3				
Collision Rat	te (ACC/MVM)		0.16				
Expected Co	Ilisions (ACC/M	/M)	1.55				
<u>TRAFFIC F</u>	ACTORS						
Average Dail		19,113					
Type of Traff	ic Control	Traffic sign	als at Northport Loop E, No	thport Loop W	/, and Fre	mont Blvd	
Pedestrian T	raffic	Low					
Truck Traffic	;	Low					
	CHARACTER						
Length of Se	gment	3560'					
Width		60'-95'					
Number of L		EB - 3	WB - 3				
Street Classi		Collector					
Divided Med			way left-turn lane between N	Iorthport Loop	E and No	orthport Loop W	
Designated I		Yes					
Bike Lan		Yes					
	Crosswalks?	No					
On-Street Pa	irking?	No					
Sidewalks?		Yes - Cont	nuous				
Driveways?		Few					
Vertical Curv		None					
Horizontal C	urve	None					
Visibility		Good					
Pavement Co		Good					
Adjacent Lar	nd Use	Commercia	al and office				

COMMENTS The 85th-percentile speed of 42.2 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 34 mph to 43 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.

Approved and Authorized for release by City of Fremont, CA:

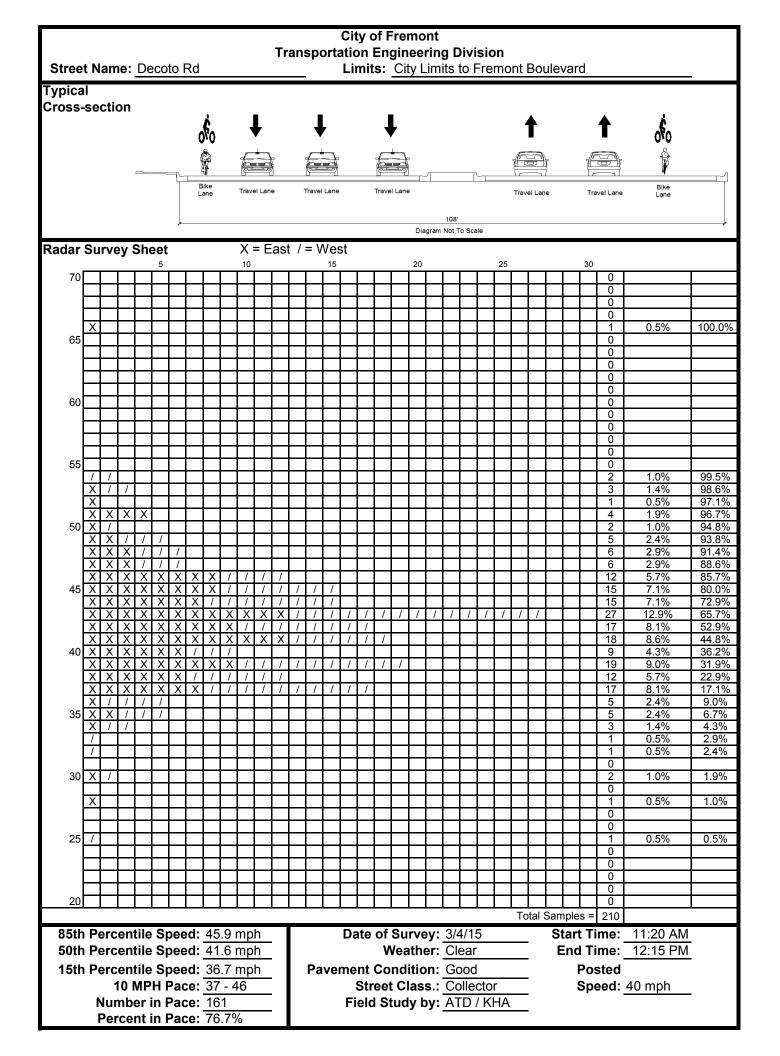
36



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STREET:Decoto RdFROM:City Limits			SURVEY DATE: 3/4/20 ⁻ TO: Fremont Boulevard	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	. ,	3364 Decoto Rd. 11:20 AM - 12:15 PM 41.6 mph 45.9 mph 37 - 46 mph 76.7% 210	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	40 mph t 45 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	31,313 Traffic sigr Low Low	nals at Fremont Blvd and Paseo Pa	idre Pkwy	
ROADWAY CHARACTED Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	3,606 108' EB - 2 Collector Yes Yes Yes No No	WB -2/3	Paseo Padre Pkwy and city limit	
Driveways? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Few Yes - At A None Good Good	pt on south side of street between ameda Creek bridge ng residential, commercial, and chu		

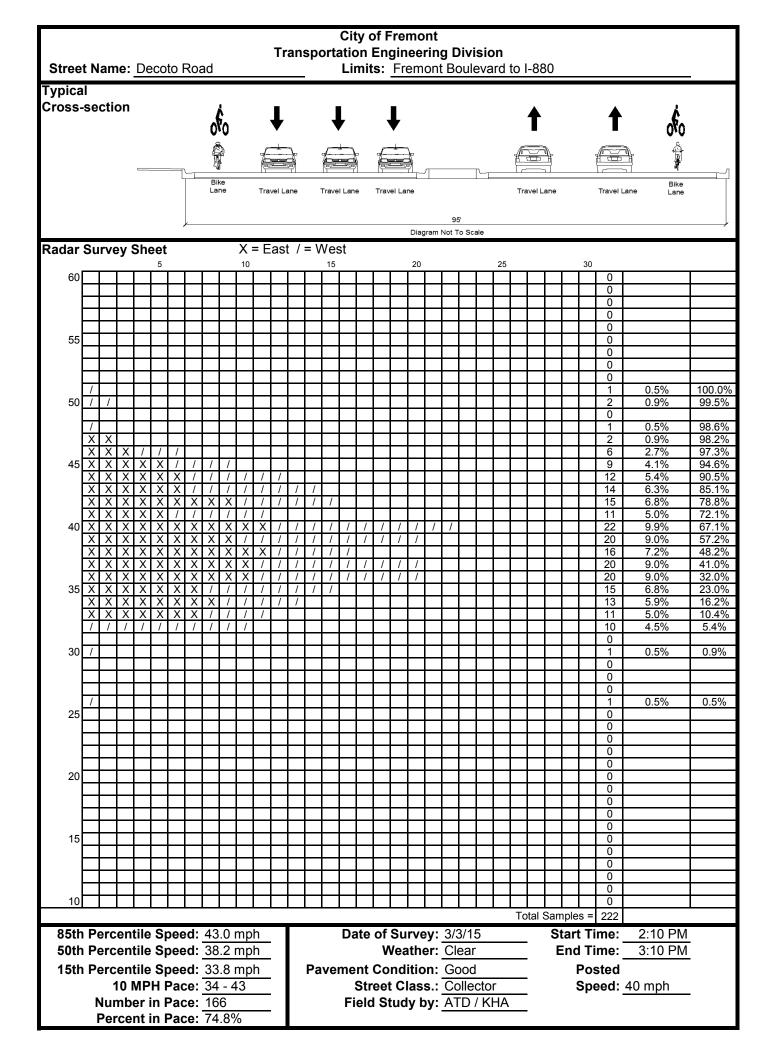
<u>COMMENTS</u> The 85th-percentile speed of 45.9 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.



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STREET: Decoto Road FROM: Fremont Bouleva	rd		SURVEY DATE: 3/3/201 TO: 1-880	5
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean Speed) 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pace Number of Survey Samples		4300 Decoto Road 2:10 PM - 3:10 PM 38.2 mph 43.0 mph 34 - 43 mph 74.8% 222	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	40 mph 45 mph Yes 85th-percentile speed rounded down per CVC Section 21400(b)
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 5 0.15 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	37,679 Traffic sigr Low Low	nals at 880 NB Ramp, Cabrillo Dr, Ozar	k River Way, and Fremont Blvd	
ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification	RISTICS 3,200 95' EB -3 Collector	WB -2		
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	Yes Yes Yes No No Yes - On s	outh side between 880 and Cabrillo Ct	and north side between Canal Ter	race and Fremont Blvd
Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Few Yes - At 88 None Good Good	30 overpass		

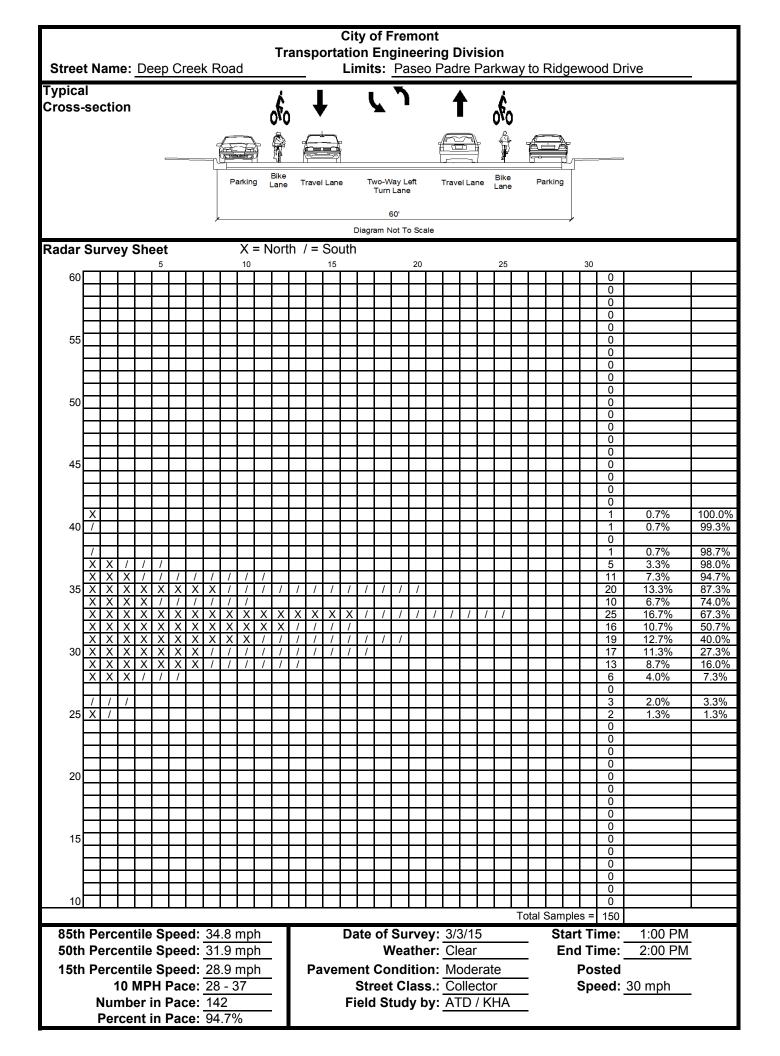
COMMENTS The 85th-percentile speed of 43.0 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 34 mph to 43 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 40 mph.



CITY OF FREMONT 39 ENGINEERING AND TRAFFIC SURVEY STREET: Deep Creek Road SURVEY DATE: 3/3/2015 FROM: Paseo Padre Parkway TO: Ridgewood Drive SPEED DATA Location of Speed Survey Between Creekwood Dr & Dunsmuir Common **Posted Speed Limit** 30 mph Recommended Speed Limit 30 mph Time of Speed Survey 1:00 PM - 2:00 PM 50th Percentile Speed (Mean Speed) **Speed Limit Change** No 31.9 mph 85th Percentile Speed Speed Justification 85th-percentile speed 34.8 mph downgraded 5 mph due 10 mph Pace Speed 28 - 37 mph to moderate pedestrian Percentage of Vehicles in Pace 94.7% activity and crosswalk **Number of Survey Samples** 150 **COLLISION HISTORY** Number of Years Studied 4 **Total Collisions** 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS **Average Daily Traffic** 6.817 Type of Traffic Control Traffic signal at Paseo Padre Pkwy; stop sign at Ridgewood Dr Pedestrian Traffic Moderate Truck Traffic Low **ROADWAY CHARACTERISTICS** Length of Segment 2804' Width 60' Number of Lanes NB -1 SB - 1 Street Classification Collector **Divided Median?** Two-way left-turn lane **Designated Bike Route?** Yes **Bike Lanes?** Yes Uncontrolled Crosswalks? At Crandallwood Dr **On-Street Parking?** Yes Sidewalks? Yes - Continuous **Driveways?** Few Vertical Curve None **Horizontal Curve** Yes - Between Creekwood Dr and Maybird Cir Visibilitv Good **Pavement Condition** Moderate Adjacent Land Use Non-fronting residential, commercial, apartments, and school

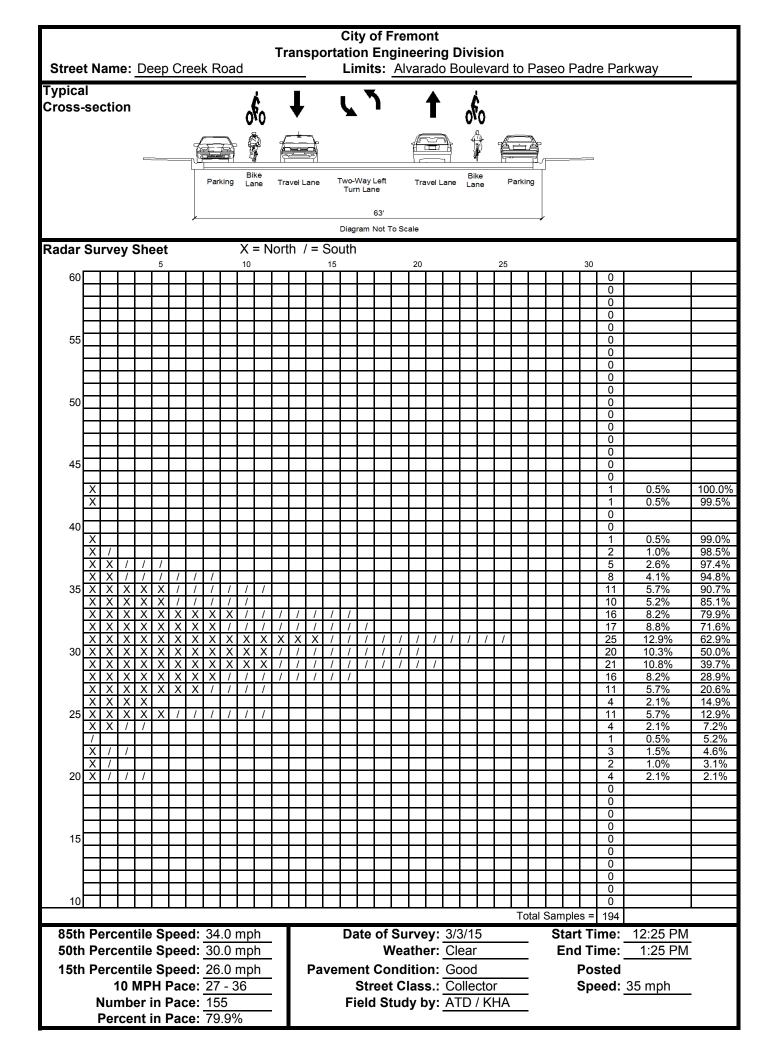
COMMENTS

The 85th-percentile speed of 34.8 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 28 mph to 37 mph and the suggested speed limit falls within this range. The collision rate for this segment is below the expected rate. Due to the moderate pedestrian activity, uncontrolled crosswalk, and proximity to a school, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the posted speed limit remains at 30 mph, based upon downgrading the 85th-percentile indicated speed of 35 mph by 5 mph.



STREET: Deep Creek Roa	d		SURVEY DATE: 3/3/201	5		
FROM: Alvarado Bouleva			TO: Paseo Padre Parkw	-		
Avaiado Bouleva				ay		
SPEED DATA						
Location of Speed Survey		4619 Deep Creek Rd	Posted Speed Limit	35 mph		
Time of Speed Survey			Recommended Speed Limit	•		
50th Percentile Speed (Mear	Spood)	12:25 PM - 1:25 PM 30.0 mph	Speed Limit Change	No		
85th Percentile Speed	i Speeu)	34.0 mph	Speed Justification	85th-percentile speed		
10 mph Pace Speed		27 - 36 mph	Speed Justification	bour percentile speed		
Percentage of Vehicles in Pa	200	79.9%				
Number of Survey Samples		194				
tumber of ourvey camples		134				
COLLISION HISTORY						
Number of Years Studied		4				
Total Collisions		3				
Collision Rate (ACC/MVM)		0.30				
Expected Collisions (ACC/M	VM)	1.46				
		1.10				
TRAFFIC FACTORS						
Average Daily Traffic	7,346					
Type of Traffic Control	,	hals at Paseo Padre Pkwy and	Alvarado Blvd; speed bumps/humps at Ma	cbeth Ave and Emilia Ln		
Pedestrian Traffic	Low	····· ···· · ···· · ···· · ···· · ···· ·	······································			
Truck Traffic	Low					
ROADWAY CHARACTER	RISTICS					
Length of Segment	4931'					
Width	63'					
Number of Lanes	NB -1	SB -1				
Street Classification	Collector					
Divided Median?	Two-way le	eft-turn lane				
Designated Bike Route?	Yes					
Bike Lanes?	Yes					
Uncontrolled Crosswalks?	At Macbeth Ave and Emilia Ln					
On-Street Parking?	Yes					
Sidewalks?	Yes - Continuous					
Driveways?	Few					
Vertical Curve	None					
Horizontal Curve	Yes - Betw	veen Frederick Rd and Emilia L	n			
Visibility	Good					
Pavement Condition	Good					
Adjacent Land Use	Non-frontin	Non-fronting residential and school				

COMMENTS The 85th-percentile speed of 34.0 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.



41

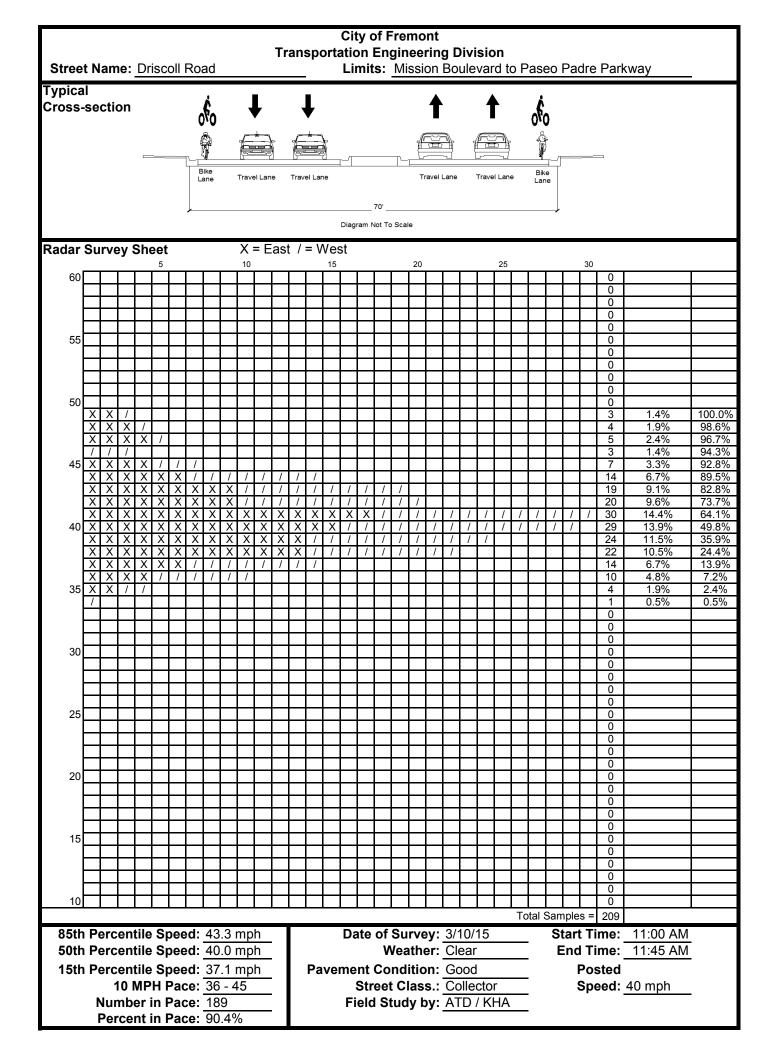
TREET: Driscoll Road ROM: Mission Boulevard			SURVEY DATE: 3/10/2015 TO: Paseo Padre Parkway		
SPEED DATA					
Location of Speed Survey	Driscoll Rd	- 275 Ft North of Harrington St	Posted Speed Limit	40 mph	
Time of Speed Survey		11:00 AM - 11:45 AM	Recommended Speed Limit	45 mph	
50th Percentile Speed (Mean	n Speed)	40.0 mph	Speed Limit Change	Yes	
85th Percentile Speed		43.3 mph	Speed Justification	85th-percentile speed	
10 mph Pace Speed		36 - 45 mph			
Percentage of Vehicles in Pa	ace	90.4%			
Number of Survey Samples		209			
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		0			
Collision Rate (ACC/MVM)		0.00			
Expected Collisions (ACC/M	VM)	1.55			
	,				
TRAFFIC FACTORS					
Average Daily Traffic	15,294				
Type of Traffic Control		al at Mission Blvd			
Pedestrian Traffic	High				
Truck Traffic	Low				
ROADWAY CHARACTEI	RISTICS				
Length of Segment	3,923				
Width	70'				
Number of Lanes	EB - 2	WB - 2			
Street Classification	Collector				
Divided Median?	Yes				
Designated Bike Route?	Yes				
Bike Lanes?	Yes				
Uncontrolled Crosswalks?	Yes				
On-Street Parking?	Yes				
Sidewalks?	Yes				
Driveways?	Few				
Vertical Curve	None				
Horizontal Curve	None				
Visibility	Good				
Pavement Condition	Good				

Adjacent Land Use

COMMENTS The 85th-percentile speed of 43.0 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 36 mph to 45 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.

Approved and Authorized for release by City of Fremont, CA:

Fronting residential and school



STREET:	Driscoll Road			SURVEY	DATE: 3/10/20	15
-						
FROM:	Paseo Padre Park	kway		TO:	Washington Bouleva	ird
	T 4					
SPEED DA						
Location of S	•	Driscoll Roa	ad - 315 Feet North of Denise Street	Posted Sp		40 mph
Time of Spee		•	1:40 PM - 2:40 PM		nded Speed Limit	
	ile Speed (Mean	Speed)	40.0 mph	Speed Lim	-	Yes
85th Percent			44.2 mph	Speed Jus	stification	85th-percentile speed
10 mph Pace			37 - 46 mph			
-	of Vehicles in Pa	ce	88.3%			
Number of Si	urvey Samples		213			
COLLISION						
Number of Ye			4			
Total Collisio			0			
	e (ACC/MVM)		0.00			
Expected Co	llisions (ACC/M	VM)	1.55			
TRAFFIC F						
Average Dail		15,858				
Type of Traff		Traffic Sign	al at Washington Blvd			
Pedestrian T		Low				
Truck Traffic		Low				
	CHARACTER					
Length of Se	gment	3,409				
Width		80'				
Number of La		NB - 2	SB - 2			
Street Classi		Collector				
Divided Medi		Yes				
Designated E		No				
Bike Lan		No				
	Crosswalks?	No				
On-Street Pa	rking?	Yes				
Sidewalks?		Yes				
Driveways?		Few				
Vertical Curv	•	Yes - Near				
Horizontal Cu	urve		Washington Blvd			
Visibility		Good				

COMMENTS

Pavement Condition

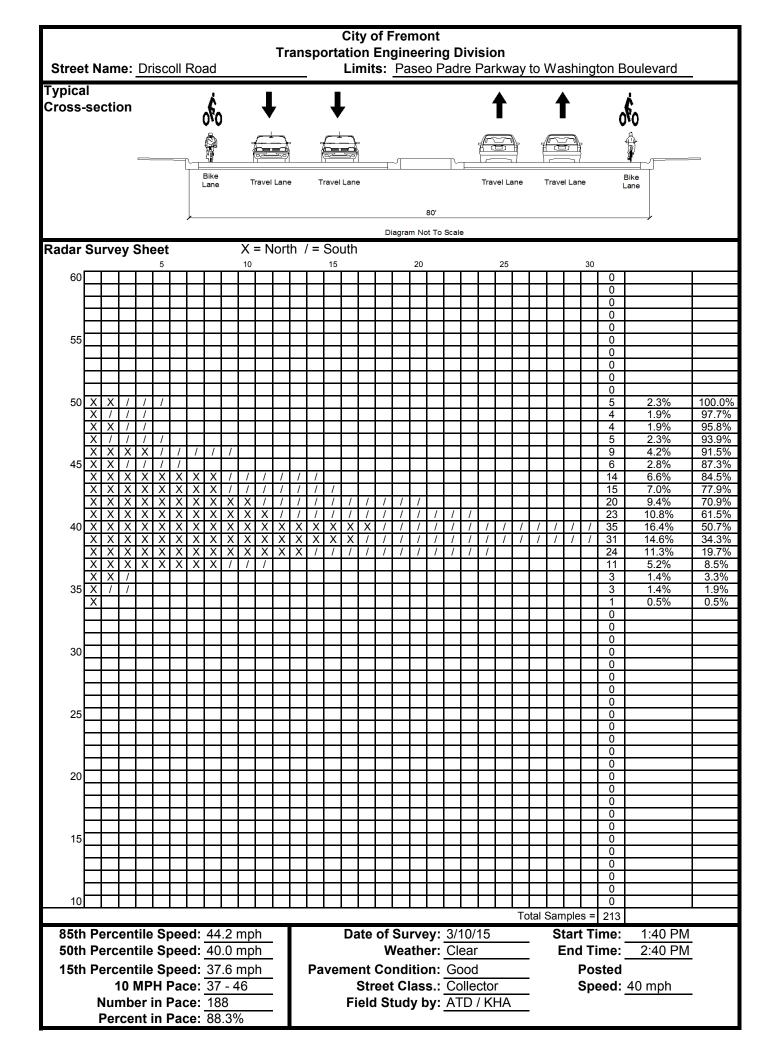
Adjacent Land Use

The 85th-percentile speed of 44.2 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.

Non-fronting residential, apartments, and commercial

Approved and Authorized for release by City of Fremont, CA:

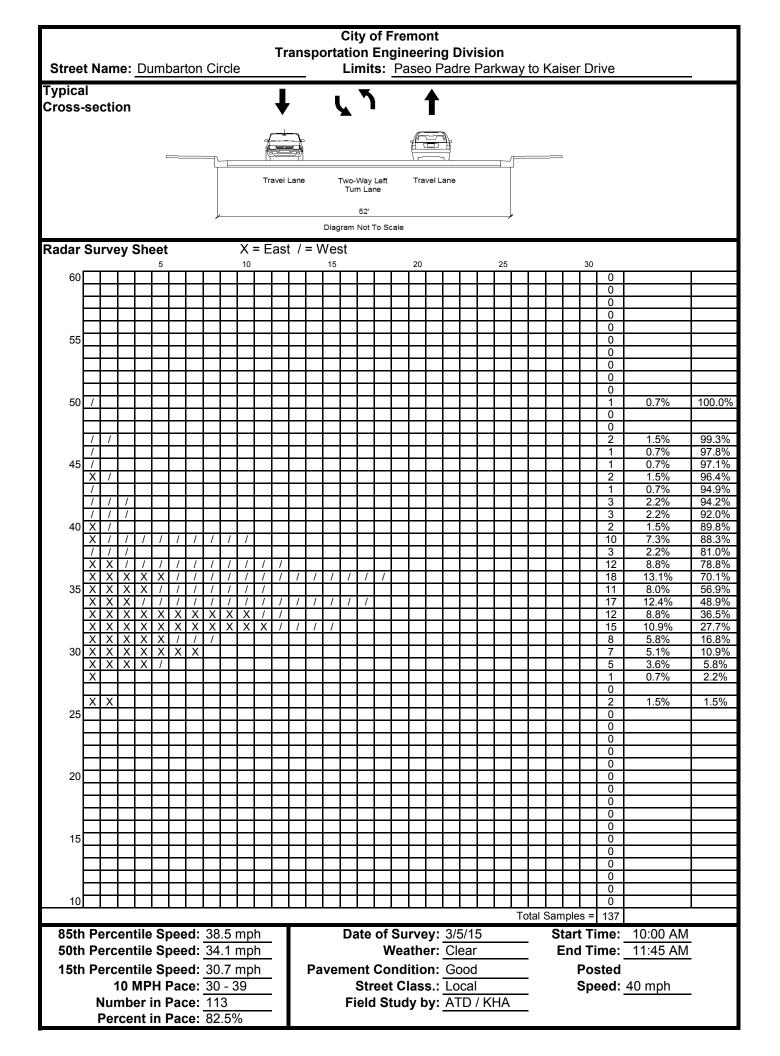
Good



43

				SURVEY DATE: 3/5/2015 TO: Kaiser Drive		
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean Speed) 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pace Number of Survey Samples		6595 Dumbarton Circle 10:00 AM - 11:45 AM 34.1 mph 38.5 mph 30 - 39 mph 82.5% 137	Posted Spe Recommen Speed Limi Speed Just	ided Speed Limit t Change	40 mph 40 mph Yes 85th-percentile speed	
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 1 0.57 1.99				
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	1,375 Traffic Sig Low Low	nal at Kaiser Dr				
ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification	RISTICS 4,630 52' EB - 1 Local	WB - 1				
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	No No No No No					
Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Payoment Condition	Good	ontinuous ⁻ Ardentech Ct.				
Pavement Condition Adjacent Land Use	Good Office					

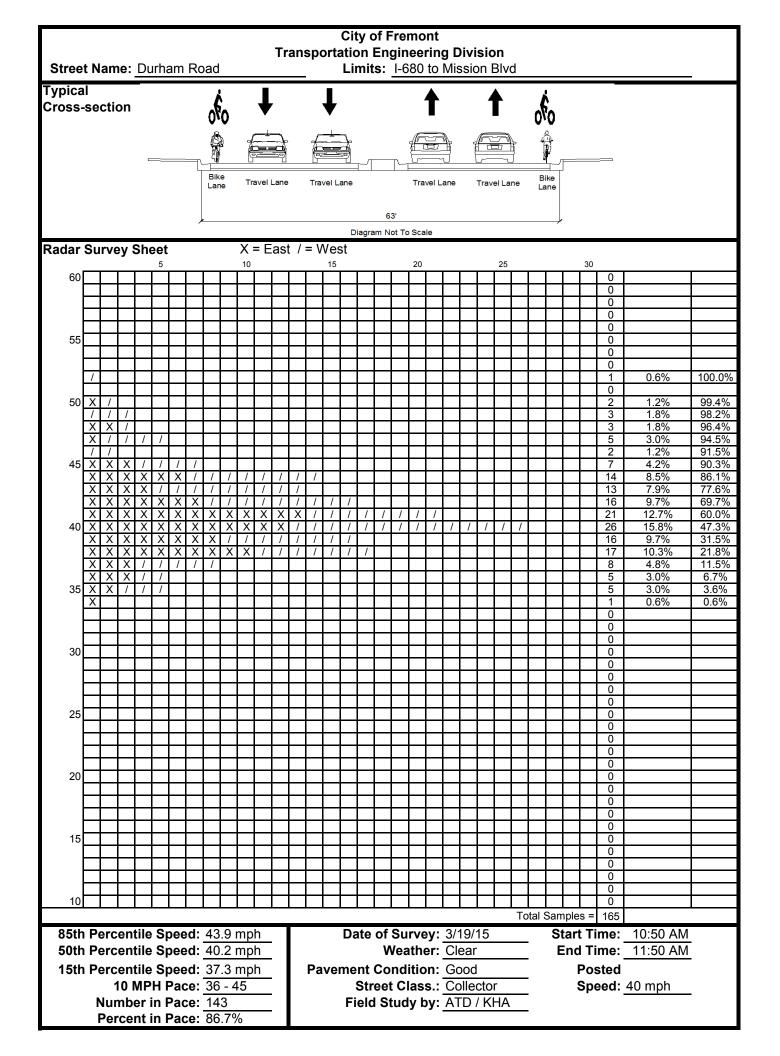
<u>COMMENTS</u> The 85th-percentile speed of 38.5 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 30 mph to 39 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 40 mph.



STREET: Durham Road			SURVEY DATE: 3/19/20	015
FROM: 1-680			TO: Mission Blvd	
SPEED DATA				
Location of Speed Survey		2250 Durham Road	Posted Speed Limit	40 mph
Time of Speed Survey		10:50 AM - 11:50 AM	Recommended Speed Limit	45 mph
50th Percentile Speed (Mean	Speed)	40.2 mph	Speed Limit Change	Yes
85th Percentile Speed	• •	43.9 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		36 - 45 mph	-	
Percentage of Vehicles in Pa	се	86.7%		
Number of Survey Samples		165		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		2		
Collision Rate (ACC/MVM)		0.10		
Expected Collisions (ACC/M)	/M)	1.99		
TRAFFIC FACTORS				
Average Daily Traffic	11,244			
Type of Traffic Control	Signals at	I-680 NB Ramp, Paseo Padre Pkwy, a	and Mission Blvd	
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTER	ISTICS			
Length of Segment	6169'			
Width	63'			
Number of Lanes	EB - 1/2	WB - 1/2		
Street Classification	Collector			
Divided Median?	No			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	Yes - Exce	ept on the north side for approx 1200' e	east of I-680	
Driveways?	Few			
Vertical Curve		380 overpass		
Horizontal Curve		veen I-880 and Laurel Canyon Way, be	etween Topaz Way and Gabrielino	Nay
Visibility	Fair			
Pavement Condition	Good			
Adjacent Land Use	Non-frontir	ng residential		

COMMENTS The 85th-percentile speed of 43.9 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 36 mph to 45 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.

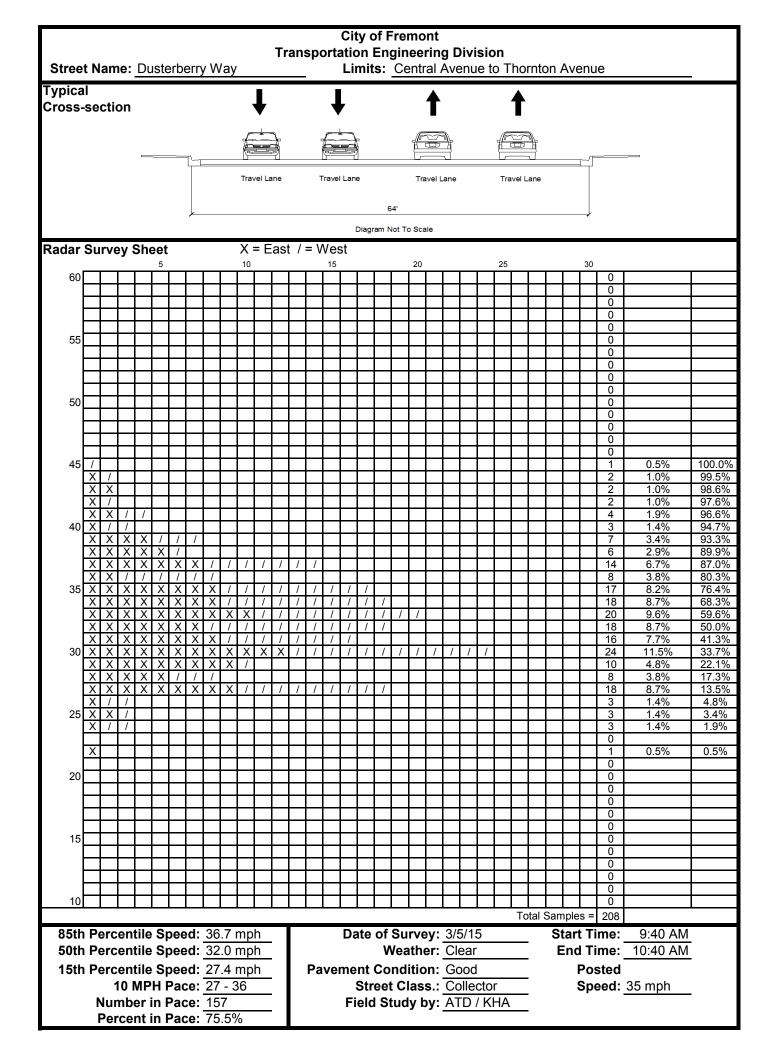
Approved and Authorized for release by City of Fremont, CA:



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STREET: Dusterberry Way			SURVE	/ DATE: 3/5/201	5
FROM: Central Avenue			TO:	Thornton Avenue	
SPEED DATA					
Location of Speed Survey		37010 Dusterberry Way	Posted S	beed Limit	35 mph
Time of Speed Survey		9:40 AM - 10:40 AM		ended Speed Limit	
50th Percentile Speed (Mear	Speed)	32.0 mph		nit Change	No
85th Percentile Speed		36.7 mph	•	stification	85th-percentile speed
10 mph Pace Speed		27 - 36 mph	-		
Percentage of Vehicles in Pa	ace	75.5%			
Number of Survey Samples		208			
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		1			
Collision Rate (ACC/MVM)		0.16			
Expected Collisions (ACC/M	VM)	1.99			
TRAFFIC FACTORS					
Average Daily Traffic	8,140				
Type of Traffic Control	Traffic sigi	nal at Central Ave, Peralta Blvd, ar	nd Thornton Ave; s	stop sign at Hansen A	ve
Pedestrian Traffic	Low				
Truck Traffic	Low				
ROADWAY CHARACTER					
Length of Segment	2716'				
Width	64'				
Number of Lanes	EB - 2	WB - 2			
Street Classification	Collector				
Divided Median?	No				
Designated Bike Route?	No				
Bike Lanes?	No				
Uncontrolled Crosswalks?	No				
On-Street Parking?	Yes				
Sidewalks?	Yes - Con	linuous			
Driveways?	Few				
Vertical Curve	No				
Horizontal Curve		Hansen Ave			
Visibility	Good				
Pavement Condition	Good	a residential another sta	raial and ashes!		
Adjacent Land Use	Non-fronting residential, apartments, commercial, and school				

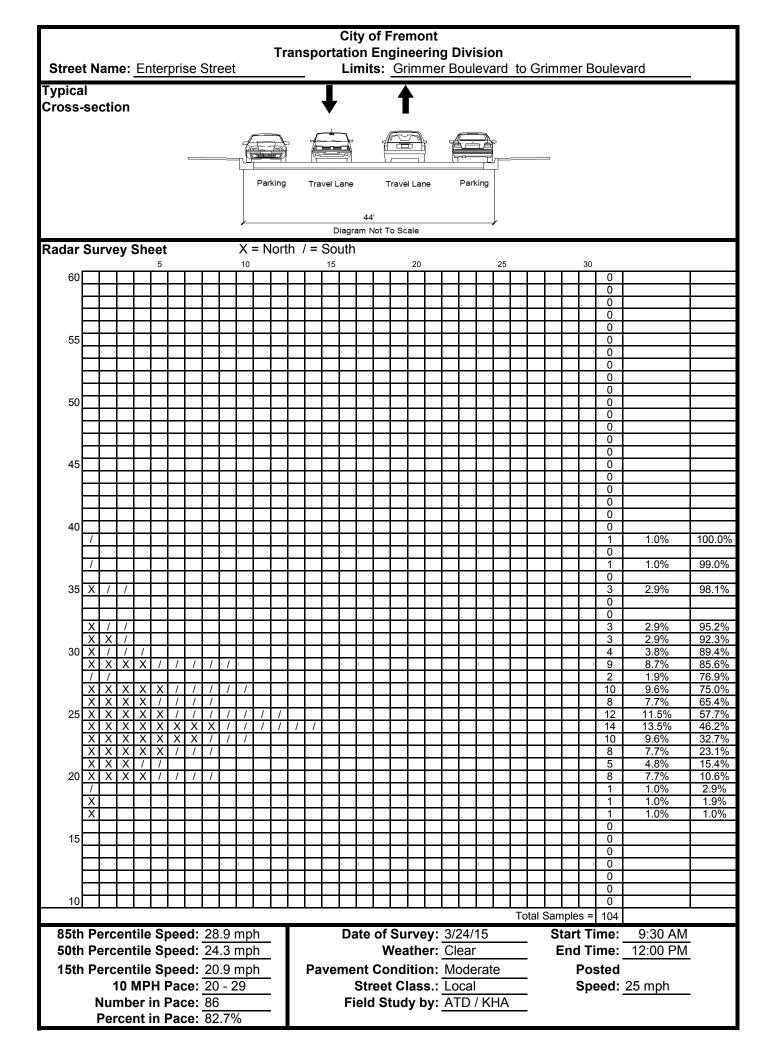
COMMENTS The 85th-percentile speed of 36.7 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.



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STREET: Enterprise Street			SURVEY DATE: 3/24/20	015
FROM: Grimmer Bouleva	ard		TO: Grimmer Boulevard	
SPEED DATA				
Location of Speed Survey		4444 Enterprise Street	Posted Speed Limit	25 mph
Time of Speed Survey		9:30 AM - 12:00 PM	Recommended Speed Limit	25 mph
50th Percentile Speed (Mear	n Speed)	24.3 mph	Speed Limit Change	No
85th Percentile Speed		28.9 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		20 - 29 mph		rounded down per CVC
Percentage of Vehicles in Pa	ace	82.7%		Section 21400(b)
Number of Survey Samples		104		
COLLISION HISTORY		4		
Number of Years Studied		4		
Total Collisions		0		
Collision Rate (ACC/MVM) Expected Collisions (ACC/M	\/M \	0.00 1.46		
Expected Collisions (ACC/M	V IVI)	1.40		
TRAFFIC FACTORS				
Average Daily Traffic	914			
Type of Traffic Control		nal at Grimmer Blvd; stop sign at Grimn	ner Blyd	
Pedestrian Traffic	Low	nai at Grimmer bivu, stop sign at Grimm		
Truck Traffic	Low			
ROADWAY CHARACTER	RISTICS			
Length of Segment	2,600			
Width	44'			
Number of Lanes	NB - 1	SB - 1		
Street Classification	Local			
Divided Median?	No			
Designated Bike Route?	No			
Bike Lanes?	No			
Uncontrolled Crosswalks?	No			
On-Street Parking?	Yes			
Sidewalks?	No			
Driveways?	Few			
Vertical Curve	No			
Horizontal Curve	Yes - 2 ap	prox. 90 degree turns		
Visibility	Good			
Pavement Condition	Moderate			
Adjacent Land Use	Office and	industrial		

COMMENTS The 85th-percentile speed of 28.9 mph indicates a 30 mph speed limit. The 10 mph pace ranges from 20 mph to 29 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 25 mph.

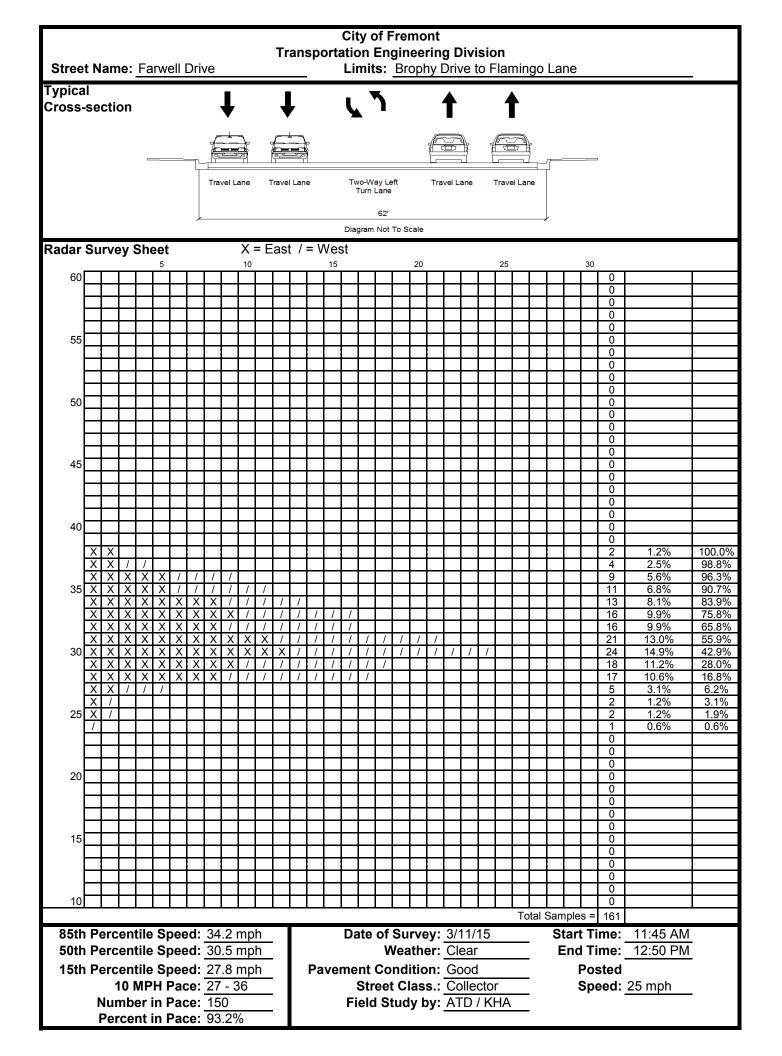


47

STREET:Farwell DriveFROM:Brophy Drive			SURVEY TO:	DATE: Flamingo La	3/11/20 ine	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	. ,	39083 Farwell Dr 11:45 AM - 12:50 PM 30.5 mph 34.2 mph 27 - 36 mph 93.2% 161		nded Speed nit Change	d Limit	25 mph 35 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 3 0.84 1.99				
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	5,492 Traffic Sigr Low Low	nal at Mowry Ave				
ROADWAY CHARACTEI Length of Segment Width Number of Lanes	RISTICS 2,350 62' EB - 2	WB - 2				
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Collector No No No No					
On-Street Parking? Sidewalks? Driveways? Vertical Curve	No Yes - Conti Few No					
Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Good Good	een Brophy Dr. and Mowry Ave	ents, commercial,	park/recreation	on, and	school

COMMENTS

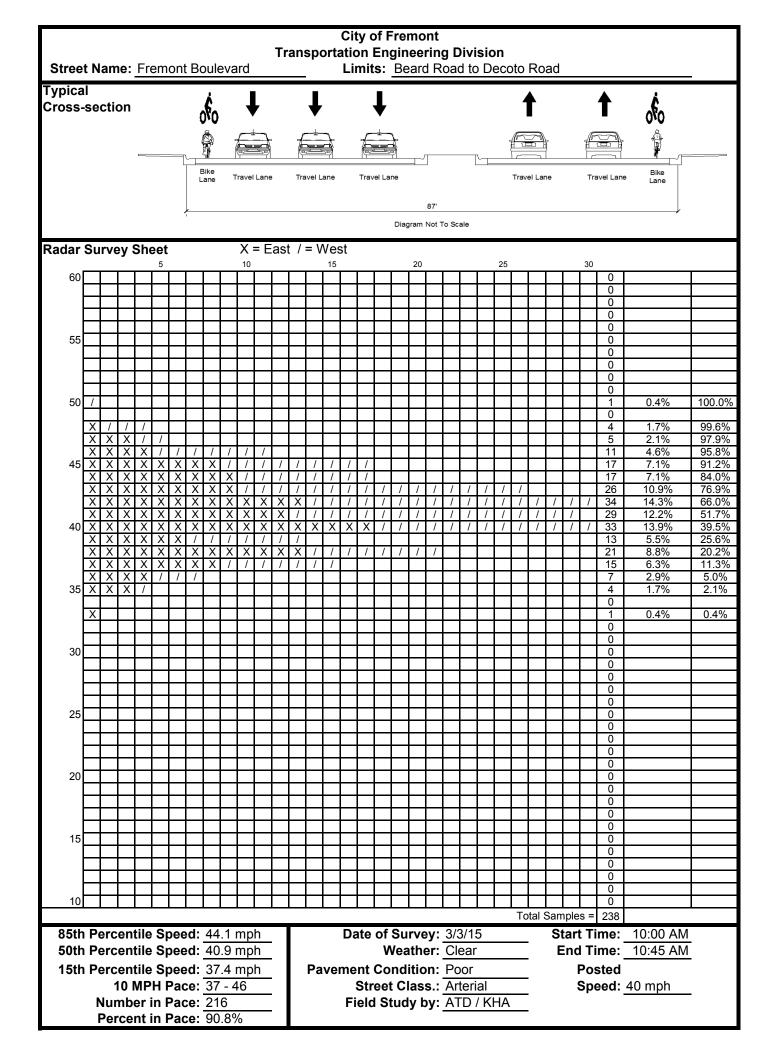
The 85th-percentile speed of 34.2 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 35 mph.



48

STREET: Fremont Bouleva FROM: Beard Road	ard		SURVEY DATE: TO: Decoto Ro	3/3/201 bad	5
SPEED DATA Location of Speed Survey	Fromont D	hid between Decete Dd and Ferry Ln	Posted Speed Limit		10 mph
Time of Speed Survey	Fremont B	vd between Decoto Rd and Ferry Ln 10:00 AM - 10:45 AM	Recommended Spe		40 mph
50th Percentile Speed (Mea	n Snood)		-		Yes
85th Percentile Speed (Mea	n Speed)	40.9 mph	Speed Limit Change Speed Justification		85th-percentile speed
10 mph Pace Speed		44.1 mph	Speed Justification		sour-percentile speed
Percentage of Vehicles in P		37 - 46 mph 90.8%			
Number of Survey Samples	ace	238			
Number of Survey Samples		230			
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		5			
Collision Rate (ACC/MVM)		0.16			
Expected Collisions (ACC/M	IVM)	1.55			
TRAFFIC FACTORS					
Average Daily Traffic	24,881				
Type of Traffic Control	Traffic sigr	al at Paseo Padre Pkwy, Darwin Dr, ar	nd Ferry Ln.		
Pedestrian Traffic	Low				
Truck Traffic	Low				
ROADWAY CHARACTE	<u>RISTICS</u>				
Length of Segment	4577'				
Width	87'				
Number of Lanes	EB - 3	WB - 2			
Street Classification	Arterial				
Divided Median?	Yes				
Designated Bike Route?	No				
Bike Lanes?	No				
Uncontrolled Crosswalks?	No				
On-Street Parking?	Yes				
Sidewalks?	Yes - Disco	ontinuous near Decoto Rd			
Driveways?	Few				
Vertical Curve	No				
Horizontal Curve	No				
Visibility	Good				
Pavement Condition	Poor				
Adjacent Land Use	Fronting ar	nd non-fronting residential, apartments,	and commercial		

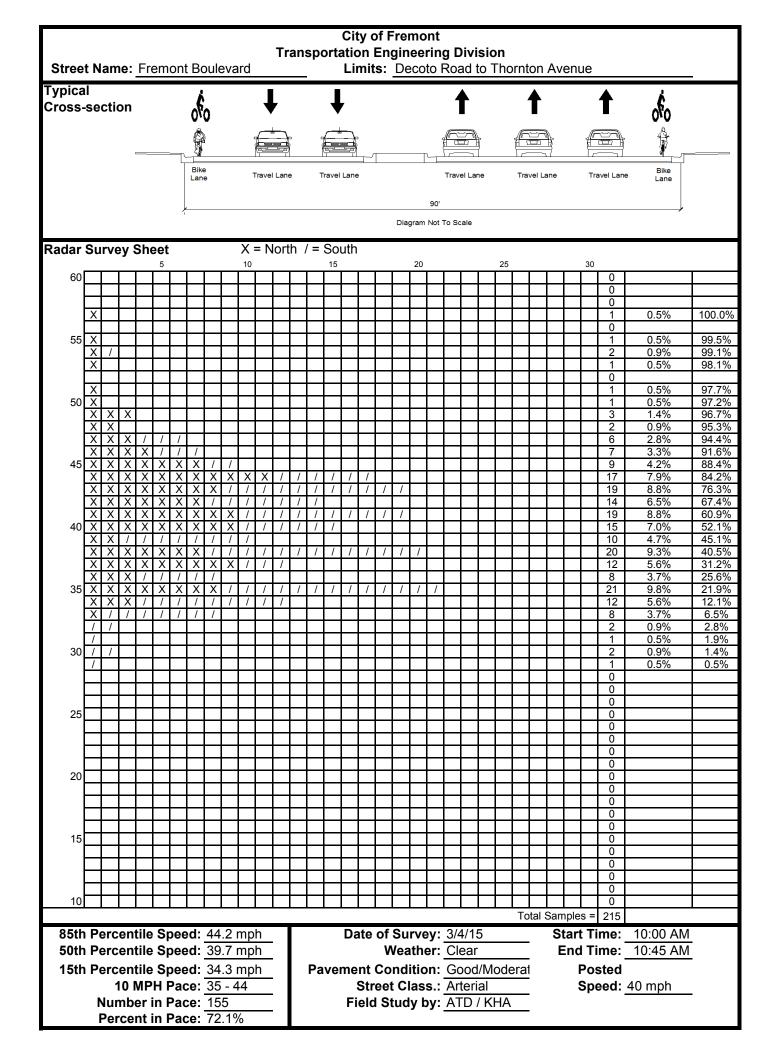
<u>COMMENTS</u> The 85th-percentile speed of 44.1 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.



STREET:	Fremont Bouleva	ırd		SURVEY	'DATE: 3/4/201	5
FROM:	Decoto Road			TO:	Thornton Avenue	
SPEED DA						
	Speed Survey		36046 Fremont Blvd.		beed Limit	40 mph
Time of Spe	-		10:00 AM - 10:45 AM		ended Speed Limit	40 mph
	tile Speed (Mear	n Speed)	39.7 mph		nit Change	No
85th Percen			44.2 mph	Speed Jus	stification	85th-percentile speed
10 mph Pac			35 - 44 mph			rounded down per CVC
	of Vehicles in Pa	ace	72.1%			Section 21400(b)
Number of S	Survey Samples		215			
	<u>N HISTORY</u> (ears Studied		4			
Total Collisi			4 7			
	ate (ACC/MVM)		7 0.14			
	ollisions (ACC/M	IVM)	1.55			
			1.00			
TRAFFIC F	FACTORS					
Average Dai		25,203				
Type of Traf			nal at Decoto Rd, Tamayo St, Nicolet /	Ave. Gibraltar I	Dr. Alder Ave. and Th	ornton Ave.
Pedestrian 1		Low	· · · · · · · · · · · · · · · · · · ·	-,	,,	
Truck Traffie	с	Low				
ROADWA	Y CHARACTE	<u>RISTICS</u>				
Length of Se	egment	7072'				
Width		90'				
Number of L		NB -2	SB -3			
Street Class		Arterial				
Divided Med		Yes				
-	Bike Route?	Yes				
Bike La		Yes				
	d Crosswalks?	No				
On-Street Pa	-	Yes - Disc				
Sidewalks?			ontinuous near Decoto Rd			
Driveways? Vertical Cur		Few				
Horizontal Cur	-	No				
Visibility		No Good				
Pavement C	ondition	Good/Mod	lerate			
Adjacent La			nd non-fronting residential, apartments	s and commer	rcial	
Aujuvent La		i tonung a				

<u>COMMENTS</u> The 85th-percentile speed of 44.2 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 40 mph.

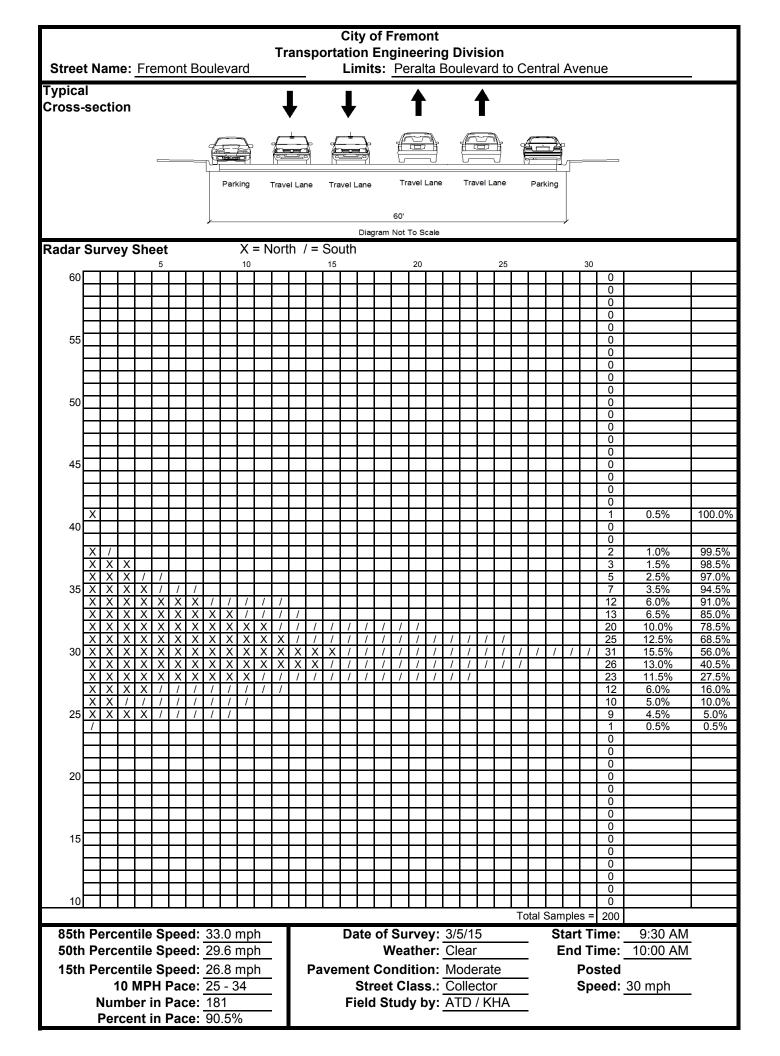
Approved and Authorized for release by City of Fremont, CA:



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Э	U

STREET: Fremont Bouleva FROM: Peralta Boulevar			SURVEY DAT TO: Centr	TE: 3/5/201 ral Avenue	5
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	. ,	37482 Fremont Blvd. 9:30 AM - 10:00 AM 29.6 mph 33.0 mph 25 - 34 mph 90.5% 200	Posted Speed I Recommended Speed Limit Ch Speed Justifica	Speed Limit	30 mph 35 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 1 0.15 1.99			
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	22,527 Traffic sign Moderate Low	al at Peralta Blvd and Central Ave			
ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification	RISTICS 1,062 60' NB - 2 Collector	SB - 2			
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	Yes Yes No Yes	een Central Ave and Parish Ave			
Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition	Yes - Conti Few None None Good Moderate	inuous			
Adjacent Land Use		sidential, commercial, church, and sch	nool		

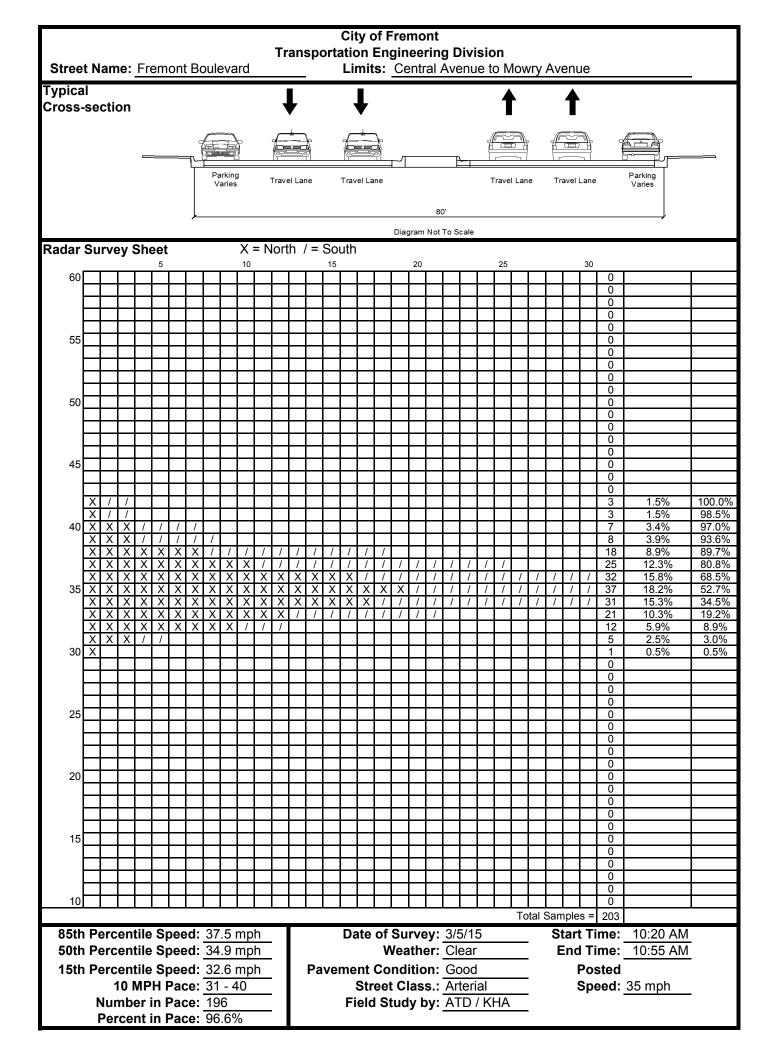
COMMENTS The 85th-percentile speed of 33.0 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 25 mph to 34 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 35 mph.



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STREET:	Fremont Bouleva	rd		SURVEY		5
FROM:	Central Avenue			TO:	Mowry Avenue	
	ТА					
SPEED DA	<u>NTA</u> Speed Survey		28220 Fromont Blud	Doctod Sr	and Limit	25 mph
Time of Spe	•		38239 Fremont Blvd. 10:20 AM - 10:55 AM	Posted Sp	ended Speed Limit	35 mph
-	tile Speed (Mean	(Speed)	34.9 mph		nit Change	No
85th Percent		i Speeu)	34.9 mph 37.5 mph	Speed Lin		85th-percentile speed
10 mph Pace			31 - 40 mph	opeca va.	Sincution	
-	of Vehicles in Pa	ice	96.6%			
	Survey Samples		203			
COLLISIO	N HISTORY					
Number of Y	ears Studied		4			
Total Collision	ons		8			
Collision Ra	te (ACC/MVM)		0.20			
Expected Co	ollisions (ACC/M	VM)	1.55			
TRAFFIC F						
Average Dai		27,511				
Type of Traf		0	nal at Central Ave, Eggers Dr, Country	Dr, and Mowr	y Ave	
Pedestrian T		High				
Truck Traffic	C	Low				
Length of Se	CHARACTER	5308'				
Width	eginent	80'				
Number of L	anes	NB -2	SB - 2			
Street Class		Arterial				
Divided Med		Yes				
Designated		Yes				
Bike Lar		Yes				
Uncontrolled	d Crosswalks?	No				
On-Street Pa	arking?	Yes				
Sidewalks?		Yes - Cont	linuous			
Driveways?		Few				
Vertical Curv	ve	No				
Horizontal C	urve	No				
Visibility		Good				
Pavement C		Good				
Adjacent La	nd Use	Fronting a	nd non-fronting residential, apartments,	and commer	cial	

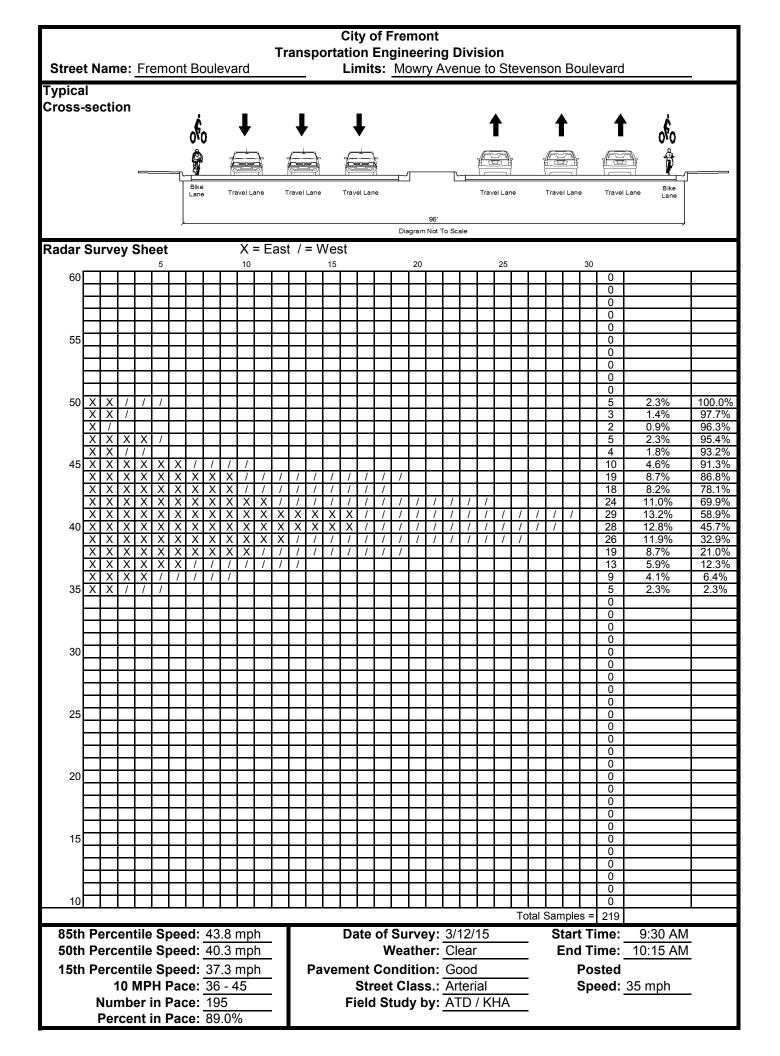
<u>COMMENTS</u> The 85th-percentile speed of 37.5 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 31 mph to 40 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.



STREET: Fremont Bouleva	ard		SURVE	Y DATE:	3/12/20	15
FROM: Mowry Avenue	ind.		TO:	Stevenson		
			10.	OLEVENSON	DUUIEVai	u
SPEED DATA						
Location of Speed Survey		39601 Fremont Blvd.	Posted S	peed Limit		35 mph
Time of Speed Survey		9:30 AM - 10:15 AM		ended Spee		•
50th Percentile Speed (Mea	n Sneed)	40.3 mph		mit Change		Yes
85th Percentile Speed (Mea	i opecuj	43.8 mph		ustification	,	85th-percentile speed
10 mph Pace Speed		36 - 45 mph	opeeu ou	Suncation		rounded down per CVC
Percentage of Vehicles in P	200	89.0%				Section 21400(b)
Number of Survey Samples		219				· <i>·</i>
Tunior of our of our pro-		210				
COLLISION HISTORY						
Number of Years Studied		4				
Total Collisions		6				
Collision Rate (ACC/MVM)		0.14				
Expected Collisions (ACC/M	AVM)	1.55				
	10.0.7	1.00				
TRAFFIC FACTORS						
Average Daily Traffic	28,494					
Type of Traffic Control		nal at Mowry Ave, Shopping Ctr, Beac		ut Ave Sund	ala Dr. Bi	dwell Dr. and Stevenson Blvd
Pedestrian Traffic	Low	Tial at Mowry Ave, Shopping Cir, beac	OII Ave, want	ut Ave, Sund		
Truck Traffic	Low					
	LUW					
ROADWAY CHARACTE	RISTICS					
Length of Segment	5,305					
Width	96'					
Number of Lanes	50 EB -3	WB - 3				
Street Classification	Arterial	WD - 5				
Divided Median?	Yes					
Designated Bike Route?	Yes					
Bike Lanes?	Yes					
Uncontrolled Crosswalks?	No					
On-Street Parking?	No					
Sidewalks?	Yes - Con	าร่างการ				
Driveways?	Few					
Vertical Curve	None					
Horizontal Curve	None					
Visibility	Good					
Pavement Condition	Good					
Adjacent Land Use		ial, non-fronting residential, and apartn	nents			

COMMENTS The 85th-percentile speed of 43.8 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 36 mph to 45 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit be increased to 40 mph.

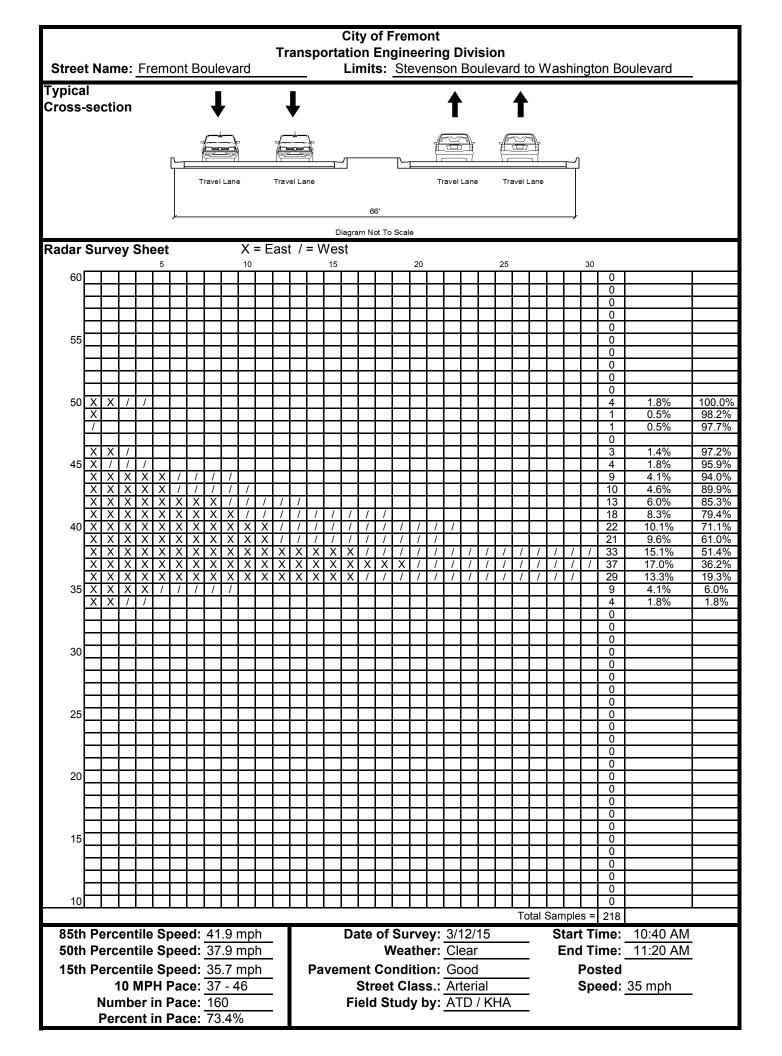
Approved and Authorized for release by City of Fremont, CA:



STREET:	Fremont Boulevar	'n		SURVEY	/ DATE: 3/12/20)15
	Stevenson Boulev			TO:		
	Slevenson Doulev	alu		10.	Washington Boulev	alu
	тл					
SPEED DAT Location of S			40431 Fremont Blvd.	Doctod Sr	and Limit	25 mph
Time of Spee			10:40 AM - 11:20 AM	-	peed Limit anded Speed Limit	35 mph
	le Speed (Mean	Speed)			nit Change	Yes
85th Percenti	• •	Speed)	37.9 mph		stification	85th-percentile speed
10 mph Pace	•		41.9 mph 37 - 46 mph	Sheen In	Suncation	ootii-percentile speed
	of Vehicles in Pa	~	73.4%			
	urvey Samples	Ce	218			
Number of Oc	arvey Camples		210			
COLLISION						
Number of Ye			4			
Total Collisio			7			
Collision Rate	-		0.16			
	lisions (ACC/M	VM)	1.55			
		,	1.00			
TRAFFIC F	ACTORS					
Average Daily		31,780				
Type of Traffi			nal at Eugene St, Grimmer Blvd, N	lission View Dr. St	evenson Blvd and W	ashington Blvd
Pedestrian Tr		Low				
Truck Traffic		Low				
		-				
ROADWAY	CHARACTER	RISTICS				
Length of Seg		4,917				
Width	-	66'				
Number of La	anes	EB - 2	WB - 2			
Street Classif	fication	Arterial				
Divided Media	an?	Yes - Disc	ontinuous			
Designated B	like Route?	No				
Bike Lane	es?	No				
Uncontrolled	Crosswalks?	At Clough	Ave			
On-Street Par	rking?	Yes - Disc	ontinuous			
Sidewalks?		Yes - Cont	linuous			
Driveways?		Few				
Vertical Curve	e	No				
Horizontal Cu	irve	No				
Visibility		Good				
Pavement Co		Good				
Adjacent Lan	d Use	Fronting re	esidential, apartments, commercia	l, and school		

COMMENTS The 85th-percentile speed of 41.9 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.

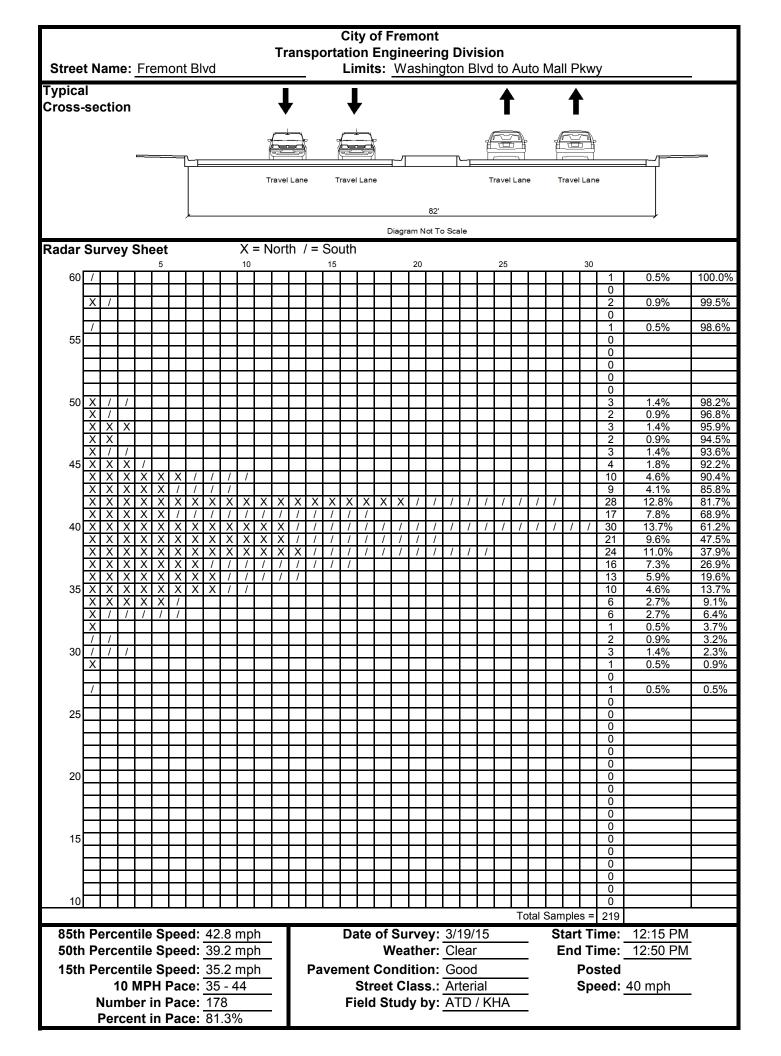
Approved and Authorized for release by City of Fremont, CA:



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			SURVEY DATE: 3/19/20	15
FROM: Washington Blvd			TO: Auto Mall Pkwy	
SPEED DATA				
Location of Speed Survey		175 feet north of Stanley Ave	Posted Speed Limit	40 mph
Time of Speed Survey		12:15 PM - 12:50 PM	Recommended Speed Limit	•
50th Percentile Speed (Mean	Speed)	39.2 mph	Speed Limit Change	No
85th Percentile Speed		42.8 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		35 - 44 mph	•••••	rounded down per CVC
Percentage of Vehicles in Pa	се	81.3%		Section 21400(b)
Number of Survey Samples		219		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		5		
Collision Rate (ACC/MVM)		0.12		
Expected Collisions (ACC/M)	/M)	1.55		
	,	1.00		
TRAFFIC FACTORS				
	40.000			
Average Daily Traffic	18,883			
Type of Traffic Control		als at Washington Blvd, Irvington Av	e, Carol Ave, Blacow Rd, Delaware I	Dr, and Auto Mall Pkwy
Pedestrian Traffic	Moderate			
Truck Traffic	Low			
	-			
ROADWAY CHARACTER				
ROADWAY CHARACTER	8045'			
ROADWAY CHARACTER Length of Segment Width	8045' 82'			
ROADWAY CHARACTER Length of Segment Width Number of Lanes	8045' 82' NB - 2	SB - 2		
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification	8045' 82' NB - 2 Arterial	SB - 2		
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median?	8045' 82' NB - 2 Arterial Yes	SB - 2		
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route?	8045' 82' NB - 2 Arterial	SB - 2		
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes?	8045' 82' NB - 2 Arterial Yes Yes Yes			
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	8045' 82' NB - 2 Arterial Yes Yes Yes	SB - 2 Ave and Doane St		
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes?	8045' 82' NB - 2 Arterial Yes Yes Yes			
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	8045' 82' NB - 2 Arterial Yes Yes At Michael			
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	8045' 82' NB - 2 Arterial Yes Yes At Michael No			
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	BO45' 82' NB - 2 Arterial Yes Yes At Michael No Yes			
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	8045' 82' NB - 2 Arterial Yes Yes Yes At Michael No Yes Few			
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve	8045' 82' NB - 2 Arterial Yes Yes At Michael No Yes Few None			
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	8045' 82' NB - 2 Arterial Yes Yes At Michael No Yes Few None None			
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility	8045' 82' NB - 2 Arterial Yes Yes At Michael No Yes Few None None Good Good			

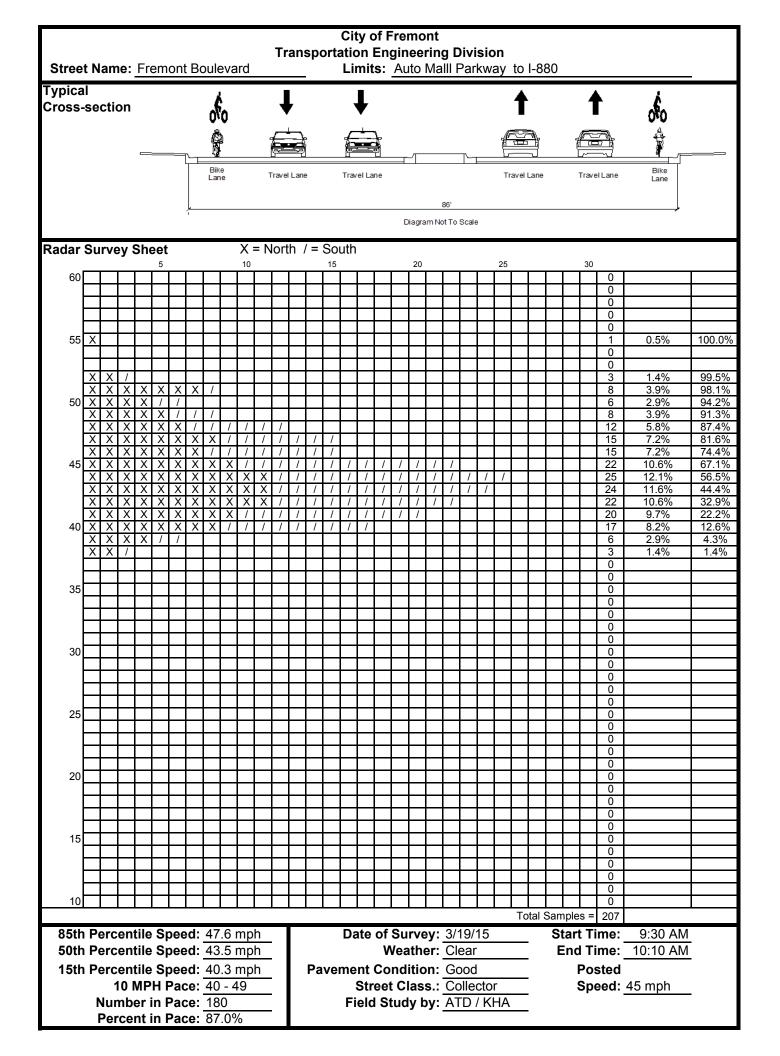
COMMENTS The 85th-percentile speed of 42.8 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 40 mph.



STREET: Fremont Bouleva	rd		SURVEY DATE: 3/	(19/2015
FROM: Auto Malll Parkw			TO: I-880	
	uy			
SPEED DATA				
Location of Speed Survey		44255 Fremont Blvd	Posted Speed Limit	45 mph
Time of Speed Survey		9:30 AM - 10:10 AM	Recommended Speed	-
50th Percentile Speed (Mear	Sneed)	43.5 mph	Speed Limit Change	No
85th Percentile Speed	i opocaj	47.6 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		40 - 49 mph	opeen energienen	
Percentage of Vehicles in Pa	ace	87.0%		
Number of Survey Samples		207		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		0		
Collision Rate (ACC/MVM)		0.00		
Expected Collisions (ACC/M	VM)	1.55		
TRAFFIC FACTORS				
Average Daily Traffic	18,754			
Type of Traffic Control	Signals at	Auto Mall Pkwy, Ice House Terrace,	Grimmer Blvd, Industrial Dr, an	d I-880 NB Ramp
Pedestrian Traffic	Low			
Truck Traffic	Moderate			
ROADWAY CHARACTE	<u>RISTICS</u>			
Length of Segment	7147'			
Width	86'			
Number of Lanes	NB - 2	SB - 2/3		
Street Classification	Collector			
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?		ontinuous on both sides		
Driveways?	Few			
Vertical Curve	At I-880 ov	•		
Horizontal Curve		rm Springs Blvd and near I-880		
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Office			

COMMENTS The 85th-percentile speed of 47.6 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 40 mph to 49 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 45 mph.

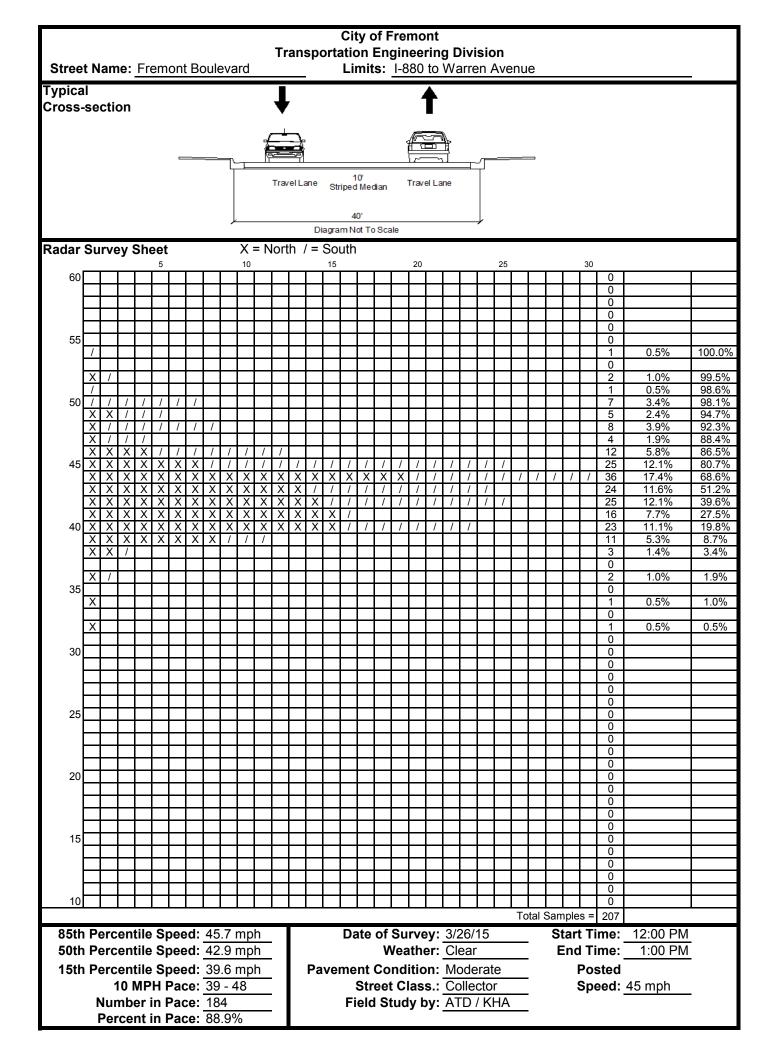
Approved and Authorized for release by City of Fremont, CA:



STREET:	Fremont Bouleva	rd		SURVEY	DATE: 3/26/20	15
FROM:	I-880			TO:	Warren Avenue	
<u>SPEED DA</u>						
	Speed Survey		46669 Fremont Blvd	Posted Sp		45 mph
Time of Spee	-		12:00 PM - 1:00 PM		nded Speed Limit	
	ile Speed (Mean	i Speed)	42.9 mph	Speed Lim	•	No
85th Percent			45.7 mph	Speed Jus	stification	85th-percentile speed
10 mph Pace	•		39 - 48 mph			
	of Vehicles in Pa	ice	88.9%			
Number of S	urvey Samples		207			
	N HISTORY					
Number of Y			4			
Total Collisio			3			
	te (ACC/MVM)		0.19			
Expected Co	ollisions (ACC/M	V IVI)	1.55			
TRAFFIC F	ACTOPS					
Average Dail		12.913				
Type of Traff		,	al at Warren Ave and Cushing Pkwy			
Pedestrian T		Low	al at warren Ave and Cushing Pkwy			
Truck Traffic		Low				
		LOW				
ROADWAY	CHARACTER	RISTICS				
Length of Se		4,345				
Width	0	40'				
Number of L	anes	NB - 1	SB - 1			
Street Classi	ification	Collector				
Divided Med	ian?	Yes - Near	Cushing Pkwy			
Designated E	Bike Route?	No				
Bike Lan	les?	No				
Uncontrolled	Crosswalks?	No				
On-Street Pa	rking?	Yes - Near	Bayside Tech			
Sidewalks?		Yes - Cont	inuous			
Driveways?		Few				
Vertical Curv	/e	Yes - Nea	r I-880			
Horizontal C	urve	None				
Visibility		Good				
Pavement Co		Moderate				
Adjacent Lar	nd Use	Commercia	al and office			

<u>COMMENTS</u> The 85th-percentile speed of 45.7 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 39 mph to 48 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 45 mph.

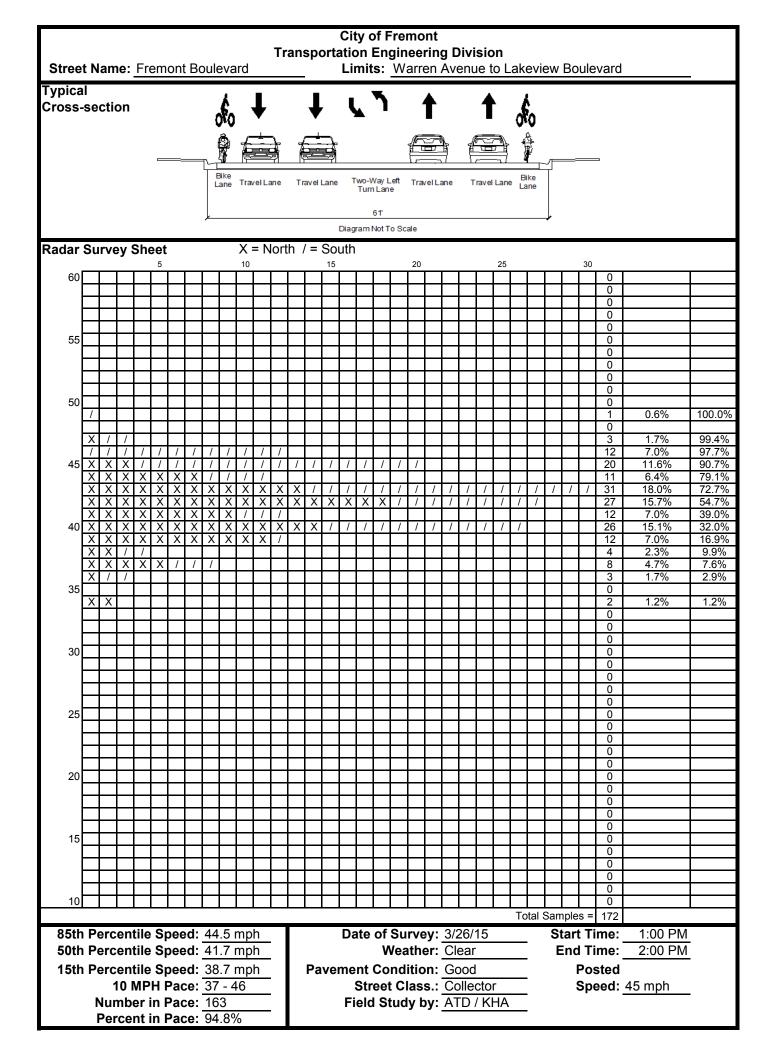
Approved and Authorized for release by City of Fremont, CA:



STREET: Fremont Bouleva	rd		SURVEY DATE: 3/26/2019		15
FROM: Warren Avenue			TO:	Lakeview Boulevard	
			10.		
SPEED DATA					
Location of Speed Survey		48000 Fremont Boulevard	Posted S	peed Limit	45 mph
Time of Speed Survey		1:00 PM - 2:00 PM		ended Speed Limit	
50th Percentile Speed (Mean	Speed)	41.7 mph		mit Change	No
85th Percentile Speed	, opeca,	44.5 mph		stification	85th-percentile speed
10 mph Pace Speed		37 - 46 mph	opeca ea		F F
Percentage of Vehicles in Pa	ace	94.8%			
Number of Survey Samples		172			
· · · · ·					
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		0			
Collision Rate (ACC/MVM)		0.00			
Expected Collisions (ACC/M	VM)	1.99			
TRAFFIC FACTORS					
Average Daily Traffic	2,718				
Type of Traffic Control	Traffic sigr	nal at Warren Ave, Gateway Blv	d, and Bayview Av	e	
Pedestrian Traffic	Low				
Truck Traffic	Low				
ROADWAY CHARACTER					
Length of Segment	7,573				
Width	61'				
Number of Lanes	NB - 2	SB - 2			
Street Classification	Collector	<i></i>			
Divided Median?	,	eft-turn lane			
Designated Bike Route?	Yes				
Bike Lanes?	Yes				
Uncontrolled Crosswalks?	No				
On-Street Parking?	No Xao Carri				
Sidewalks?	Yes - Cont	linuous			
Driveways?	Few				
Vertical Curve Horizontal Curve	None Voc Botu	ioon Clippor Ct. and Chippolics	~+		
		veen Clipper Ct. and Spinnaker (JI.		
Visibility Pavement Condition	Good Good				
	Office				
Adjacent Land Use	Unice				

COMMENTS The 85th-percentile speed of 44.5 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 45 mph.

Approved and Authorized for release by City of Fremont, CA:



STREET:Gallaudet DrFROM:Walnut Avenue			SURVEY DATE: 3/5/201 TO: Stevenson Boulevar	-
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		39309 Gallaudet Drive 11:30 AM - 12:30 PM 34.4 mph 38.3 mph 31 - 40 mph 87.3% 157	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	35 mph 35 mph No 85th-percentile speed downgraded 5 mph due to proximity to schools for the blind and deaf
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	4,272 Traffic sigr Moderate Low	nals at Stevenson Blvd and Walnut Ave.		
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes?	2,392 52' NB - 1 Collector No Yes Yes	SB - 1		
Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition	No No Yes - Cont Few No Yes- Betw Good Moderate	inuous een Stevenson Blvd and Del Oro Teraza	a	

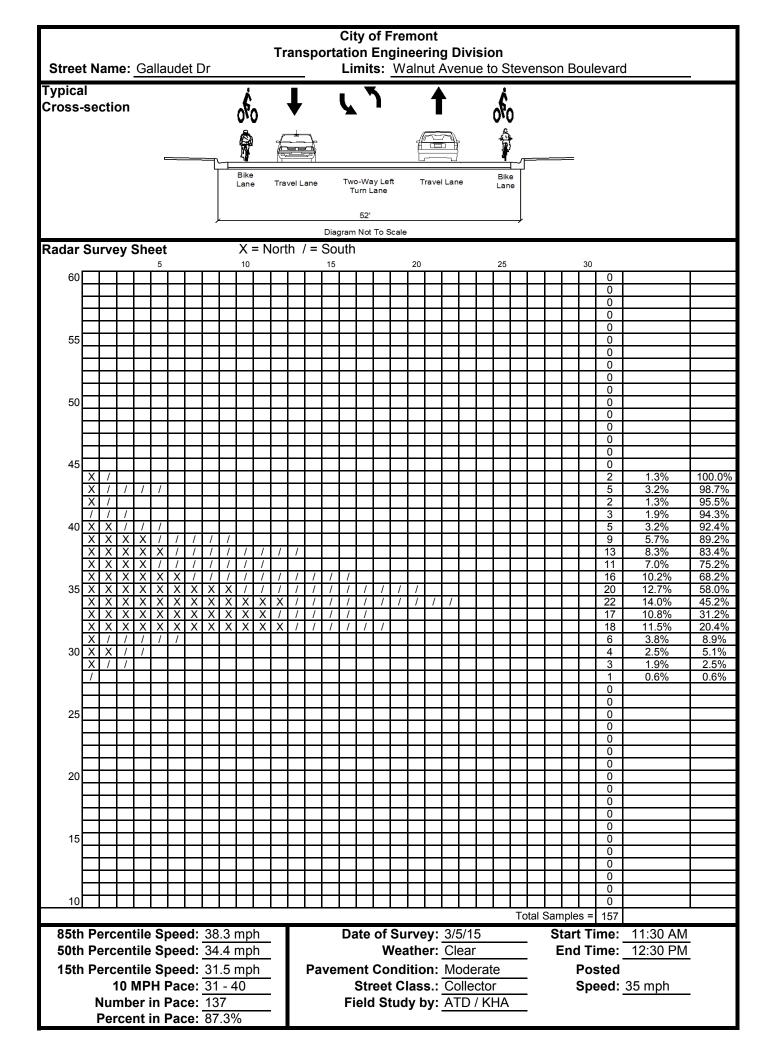
COMMENTS

Adjacent Land Use

The 85th-percentile speed of 38.3 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 31 mph to 40 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Due to the proximity to a school for the blind and deaf, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the posted speed limit remains at 35 mph, based upon downgrading the 85th-percentile indicated speed of 40 mph by 5 mph.

Apartments, school for the deaf, school for the blind, and church

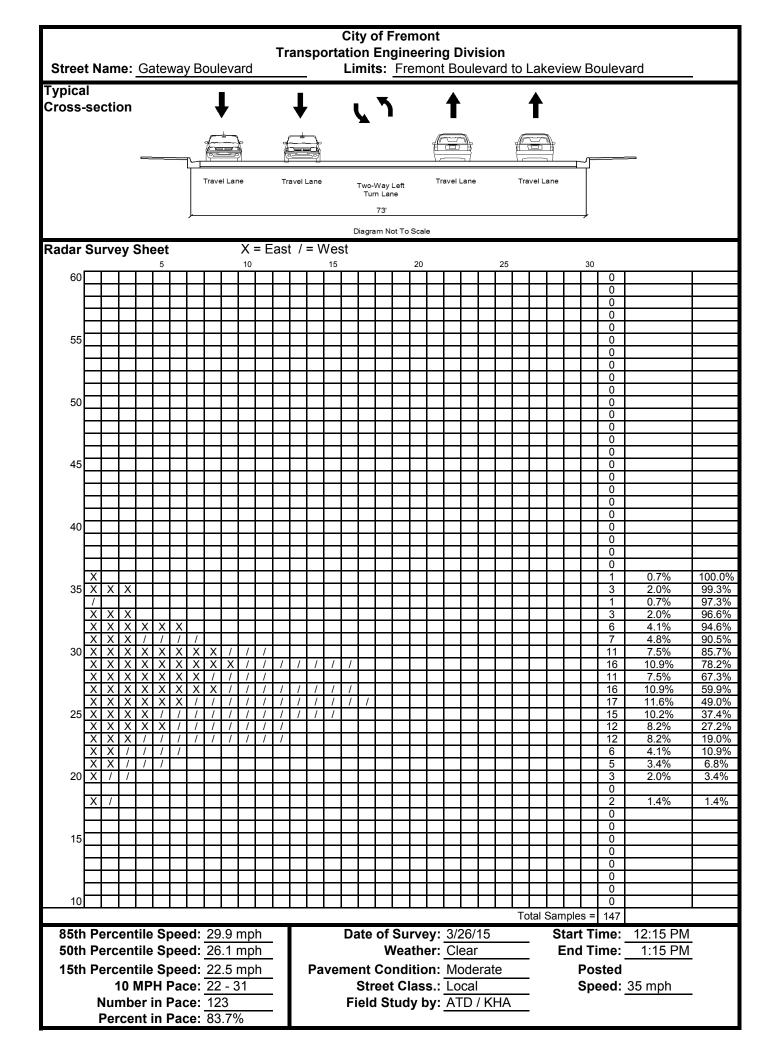
Approved and Authorized for release by City of Fremont, CA:



STREET:Gateway BoulevaFROM:Fremont Bouleva			SURVEN	Y DATE: 3/26/20 Lakeview Boulevard	
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		3100 Gateway Blvd 12:15 PM - 1:15 PM 26.1 mph 29.9 mph 22 - 31 mph 83.7% 147	Recomme Speed Lir	peed Limit ended Speed Limit nit Change stification	35 mph 30 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.99			
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	2,348 Traffic sigr Low Low	nal at Fremont Blvd and Bayside Pkwy;	stop sign at	Lakeview Blvd	
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes?	2,306 72' EB - 2 Local	WB - 2 eft-turn lane			
Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	No No Yes - Cont Few None None Good Moderate Office	inuous			

COMMENTS The 85th-percentile speed of 29.9 mph indicates a 30 mph speed limit. The 10 mph pace ranges from 22 mph to 31 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be decreased to 30 mph.

Approved and Authorized for release by City of Fremont, CA:



CITY OF FREMONT 60 ENGINEERING AND TRAFFIC SURVEY STREET: Grimmer Boulevard SURVEY DATE: 3/19/2015 FROM: Paseo Padre Parkway TO: Osgood Road SPEED DATA Location of Speed Survey 45000 Grimmer Blvd (South) **Posted Speed Limit** 40 mph Recommended Speed Limit 40 mph Time of Speed Survey 10:30 AM - 11:20 AM 50th Percentile Speed (Mean Speed) **Speed Limit Change** No 38.9 mph 85th Percentile Speed Speed Justification 85th-percentile speed 42.7 mph rounded down per CVC 10 mph Pace Speed 35 - 44 mph Section 21400(b) Percentage of Vehicles in Pace 90.9% **Number of Survey Samples** 208 **COLLISION HISTORY** Number of Years Studied 4 **Total Collisions** 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS **Average Daily Traffic** 9.027 Type of Traffic Control Traffic Signal at Osgood Rd; stop sign at Parkmeadow Dr and Paseo Padre Pkwy Pedestrian Traffic Low Truck Traffic Low **ROADWAY CHARACTERISTICS** Length of Segment 5.459 Width 42' Number of Lanes EB - 1 WB - 1 Street Classification Collector **Divided Median?** No

COMMENTS

Designated Bike Route?

Uncontrolled Crosswalks?

Bike Lanes?

On-Street Parking?

Sidewalks?

Driveways?

Visibilitv

Vertical Curve

Horizontal Curve

Pavement Condition

Adjacent Land Use

The 85th-percentile speed of 42.7 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 40 mph.

Approved and Authorized for release by City of Fremont, CA:

Yes

Yes

No

No

Few

Good

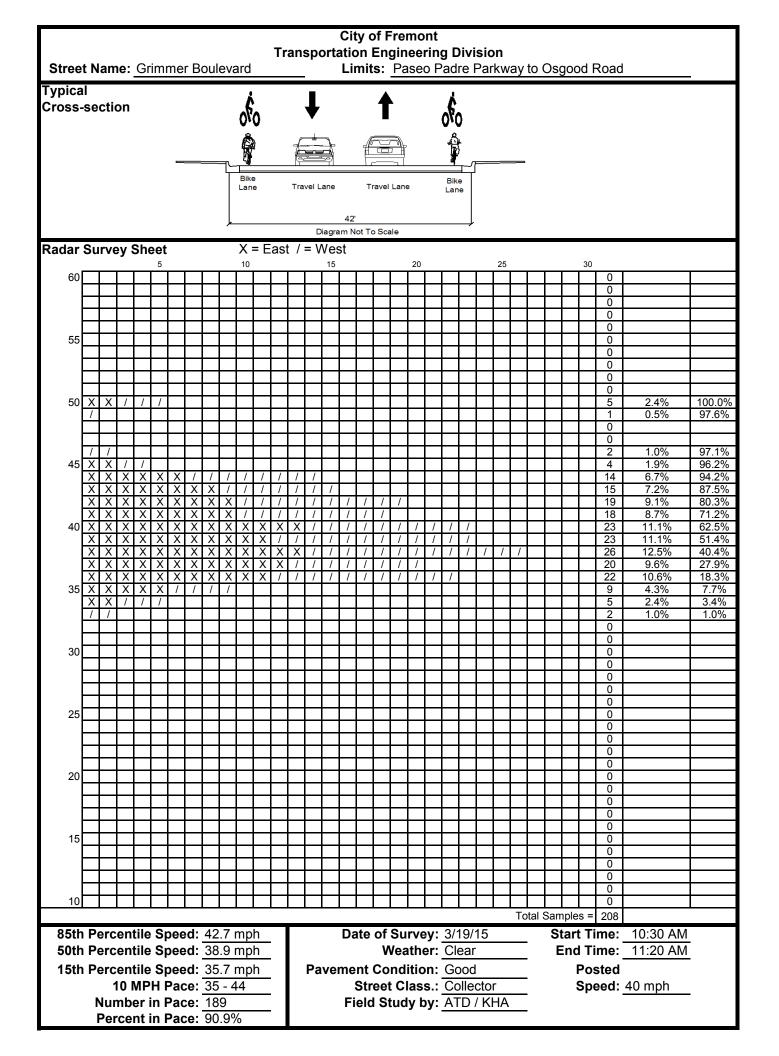
Good

Yes - East of Underpass

Yes - at Underpass

Non-fronting residential

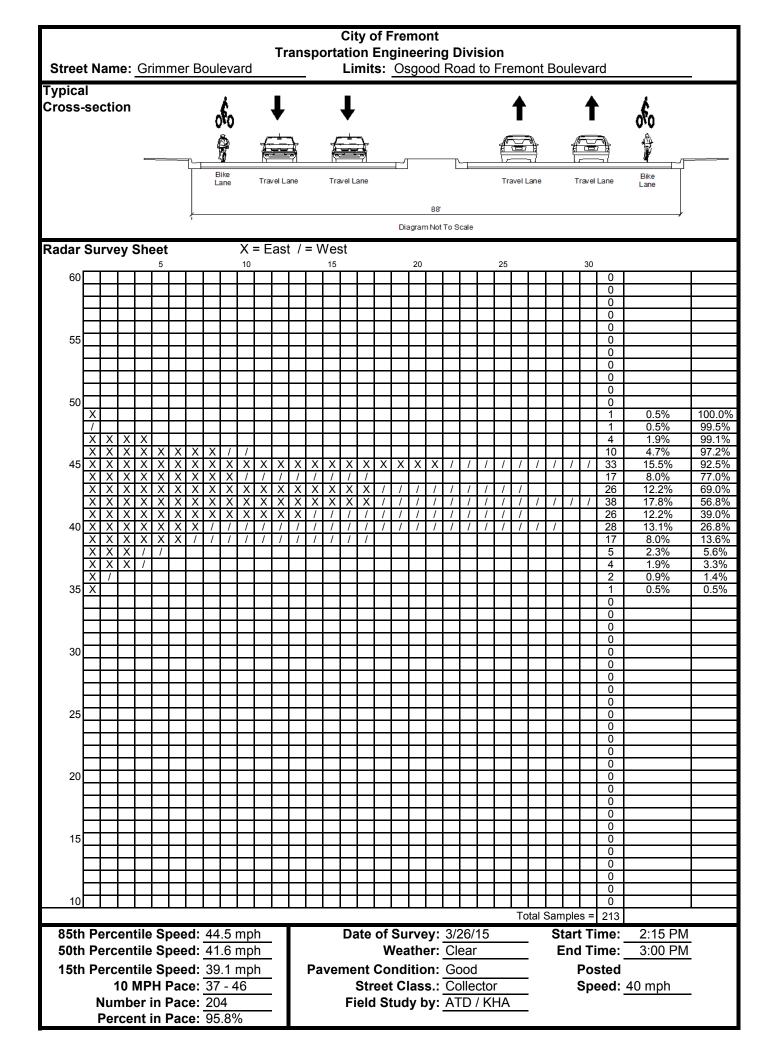
Yes - at Underpass and West of Paseo Padre Pkwy



STREET: Grimmer Bouleva	ırd		SURVEY	DATE: 3/26/20	15
FROM: Osgood Road			TO:	Fremont Boulevard	
SPEED DATA					
Location of Speed Survey		44834 South Grimmer Blvd	Posted Sp		40 mph
Time of Speed Survey	-	2:15 PM - 3:00 PM		nded Speed Limit	•
50th Percentile Speed (Mean	Speed)	41.6 mph	Speed Lim		Yes
85th Percentile Speed		44.5 mph	Speed Jus	stification	85th-percentile speed
10 mph Pace Speed		37 - 46 mph			
Percentage of Vehicles in Pa Number of Survey Samples	ice	95.8% 213			
Number of Survey Samples		215			
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		0			
Collision Rate (ACC/MVM)		0.00			
Expected Collisions (ACC/M	VM)	1.55			
TRAFFIC FACTORS					
Average Daily Traffic	17,180				
Type of Traffic Control	Traffic sigr	nal at Fremont Blvd, Old Warm Springs	Blvd, and Os	good Rd.	
Pedestrian Traffic	Low				
Truck Traffic	Moderate				
ROADWAY CHARACTER					
Length of Segment	3380'				
Width	88'				
Number of Lanes Street Classification	EB -2	WB - 2			
Divided Median?	Collector Yes				
Designated Bike Route?	Yes				
Bike Lanes?	Yes				
Uncontrolled Crosswalks?	No				
On-Street Parking?	No				
Sidewalks?	No				
Driveways?	Few				
Vertical Curve	Yes - at U	nderpass			
Horizontal Curve		ld Warm Springs Blvd			
Visibility	Good				
Pavement Condition	Good				
Adjacent Land Use	Rural and	industrial			

COMMENTS The 85th-percentile speed of 44.5 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.

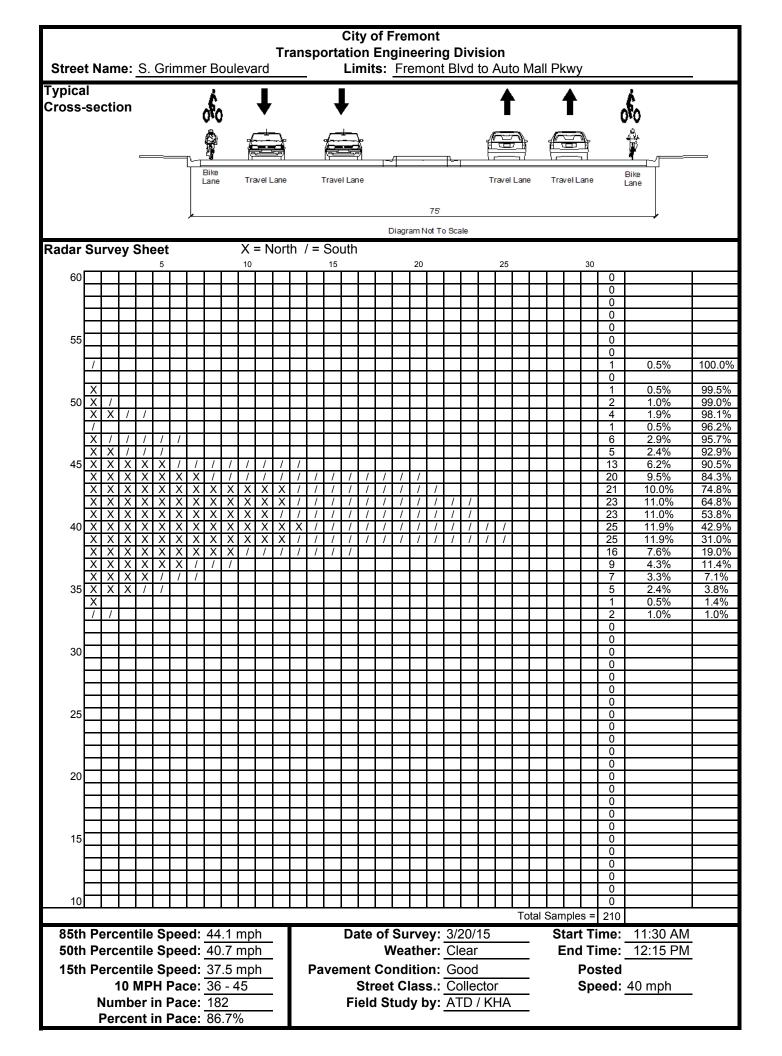
Approved and Authorized for release by City of Fremont, CA:



STREET:S. Grimmer BoFROM:Fremont Blvd	oulevard		SURVEY DATE: TO: Auto Mall	3/20/2015 Pkwy
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Me 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Number of Survey Sample	ean Speed) Pace	44124 Grimmer Boulevard 11:30 AM - 12:15 PM 40.7 mph 44.1 mph 36 - 45 mph 86.7% 210	Posted Speed Limi Recommended Spe Speed Limit Chang Speed Justificatior	ed Limit 45 mph e Yes
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC		4 0 0.00 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	14,808 Traffic sig Low Low	nals at Fremont Blvd, Technology	Dr, and Auto Mall Pkwy	
ROADWAY CHARACT Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks On-Street Parking?	5195' 75' NB - 2 Collector Yes Yes Yes	SB - 2		
Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Yes - Dise Few None Yes - At E Good Good	continuous Business Center Dr I industrial		

COMMENTS The 85th-percentile speed of 44.1 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 36 mph to 45 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.

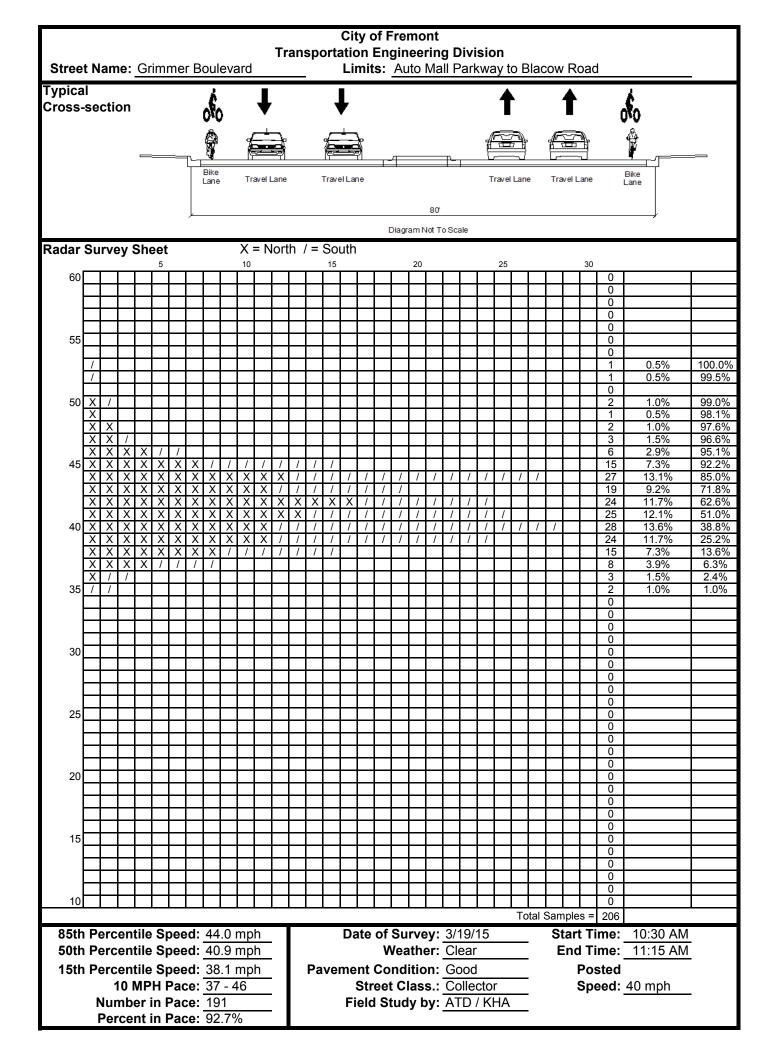
Approved and Authorized for release by City of Fremont, CA:



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STREET:Grimmer BoulevaFROM:Auto Mall Parkwa			SURVEY DATE: 3/19/2 TO: Blacow Road	015
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		43136 Grimmer Blvd 10:30 AM - 11:15 AM 40.9 mph 44.0 mph 37 - 46 mph 92.7% 206	Posted Speed Limit Recommended Speed Limi Speed Limit Change Speed Justification	40 mph t 45 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	IVM)	4 1 0.03 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	22,351 Traffic sigr Moderate Low	nals at Auto Mall Pkwy, Yellows	tone Park Dr, Valpey Park Ave, and Blace	ow Rd
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes?	S187' 80' NB - 2 Collector Yes Yes Yes	SB - 2/3		
Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition	At Seneca No Yes No None Approxima Good Good	tely 300' north of Seneca Park /		
Adjacent Land Use		ng residential, apartments, and	commercial	

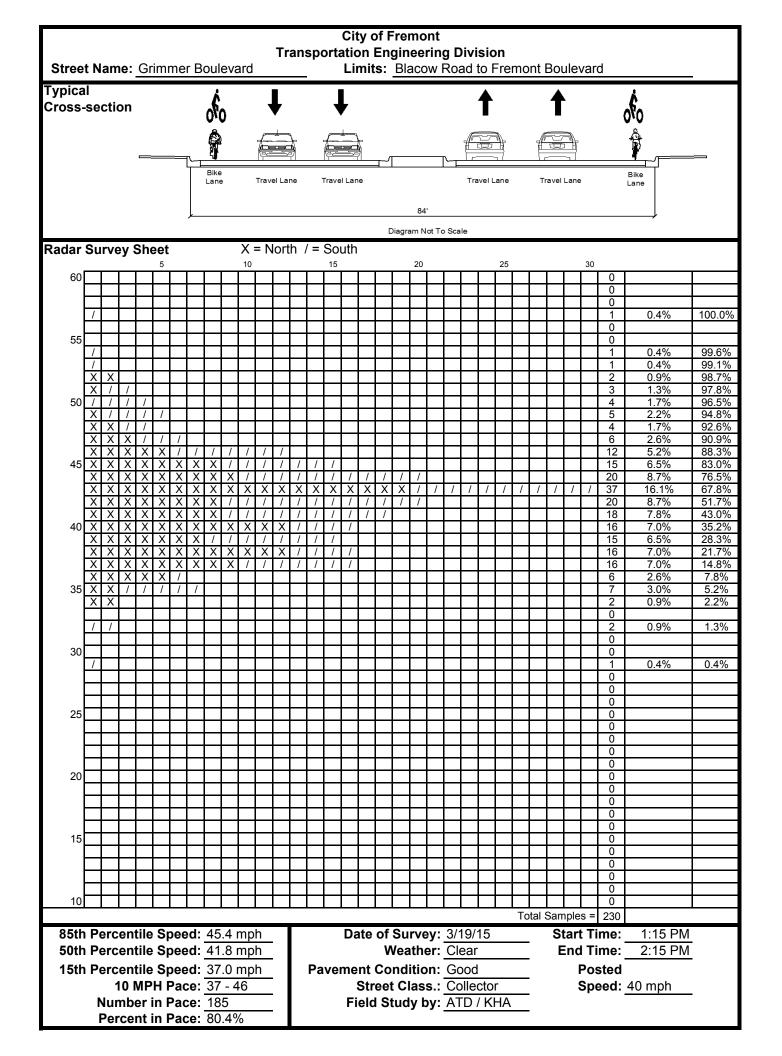
<u>COMMENTS</u> The 85th-percentile speed of 44.0 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.



STREET:	Grimmer Bouleva	ard		SURVEY	/ DATE: 3/19/20	15
FROM:	Blacow Road			TO:	Fremont Boulevard	
	Blacowittoda				Tremont Doulovara	
SPEED DA	ТА					
	Speed Survey		Grimmer Blvd-185 Ft N. of Carol Ave	Posted Sr	need Limit	40 mph
Time of Spee	•		1:15 PM - 2:15 PM	-	ended Speed Limit	•
-	tile Speed (Mear	Sneed)	41.8 mph		nit Change	Yes
85th Percent		epood)	45.4 mph		stification	85th-percentile speed
10 mph Pace			37 - 46 mph			
-	of Vehicles in Pa	ace	80.4%			
	urvey Samples		230			
COLLISIO	N HISTORY					
Number of Y	ears Studied		4			
Total Collision	ons		2			
Collision Rat	te (ACC/MVM)		0.02			
Expected Co	ollisions (ACC/M	VM)	1.55			
TRAFFIC F	ACTORS					
Average Dail	•	20,455				
Type of Traf	fic Control	Traffic sign	al at Blacow Rd, Irvington Ave, Davis S	t, Bay St, an	d Fremont Blvd	
Pedestrian T	raffic	Moderate				
Truck Traffic		Low				
	CHARACTER					
Length of Se	egment	21,556				
Width		84'				
Number of L		NB - 2	SB - 2			
Street Class		Collector				
Divided Med		Yes				
Designated I		Yes				
Bike Lan		Yes				
	d Crosswalks?	No				
On-Street Pa	arking?	No Xaa Qaat				
Sidewalks?		Yes - Cont	inuous			
Driveways?	-	Few				
Vertical Curv	-	None	and Vistoria Aug and Indianter Aug			
Horizontal C	urve		een Victoria Ave and Irvington Ave			
Visibility Pavement Co	ondition	Good				
		Good	a residential enertmente correctial	and ashar!		
Adjacent Lar	na Use	Non-frontin	g residential, apartments, commercial,	and school		

<u>COMMENTS</u> The 85th-percentile speed of 45.4 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.

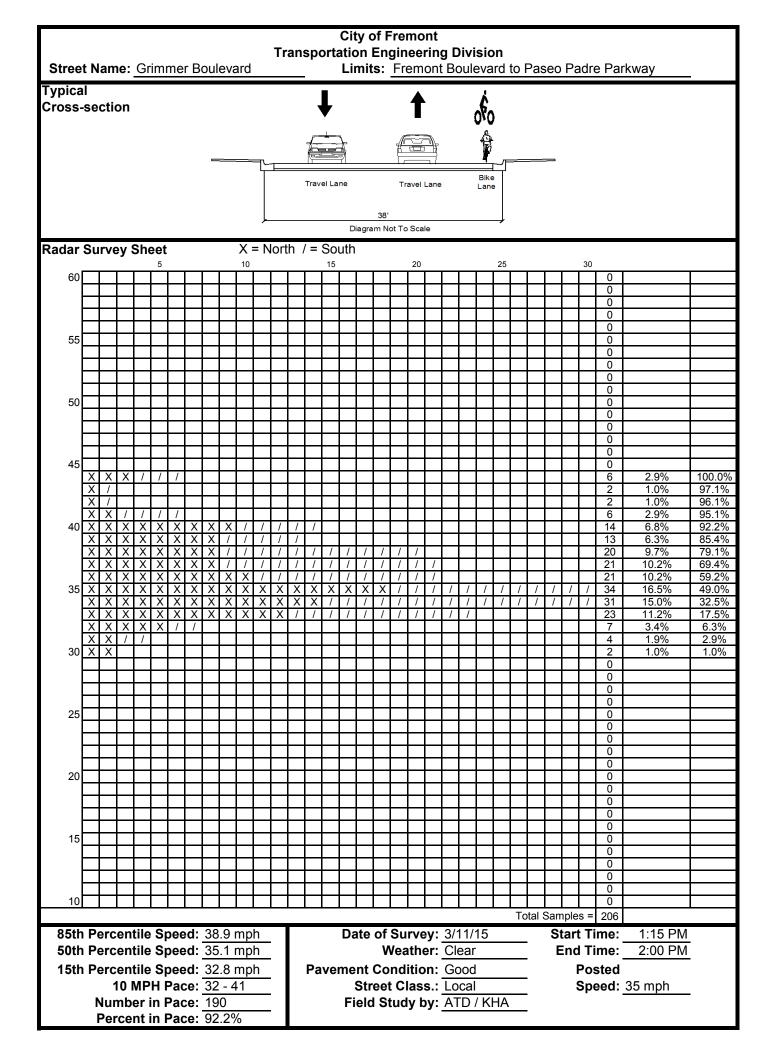
Approved and Authorized for release by City of Fremont, CA:



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STREET: Grimmer Bouleva	rd		SURVEY DATE: 3/11/20	015
FROM: Fremont Boulevan	rd		TO: Paseo Padre Parkw	/ay
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa		40449 Grimmer Blvd 1:15 PM - 2:00 PM 35.1 mph 38.9 mph 32 - 41 mph 92.2%	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	35 mph : 40 mph Yes 85th-percentile speed
Number of Survey Samples		206		
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.46		
TRAFFIC FACTORS				
Average Daily Traffic	16,250			
Type of Traffic Control		nal at Fremont Blvd and Paseo Padre F	Pkwv	
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTER Length of Segment Width	2,337 38'			
Number of Lanes	NB - 1	SB - 1		
Street Classification	Local			
Divided Median? Designated Bike Route?	No Yes - Wes	t sido		
Bike Lanes?	Yes - Wes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	Yes - East	side		
Driveways?	Few			
Vertical Curve	None			
Horizontal Curve	Yes - Sligh	t curve near Paseo Padre Pkwy		
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Non-frontir	ng residential and apartments		

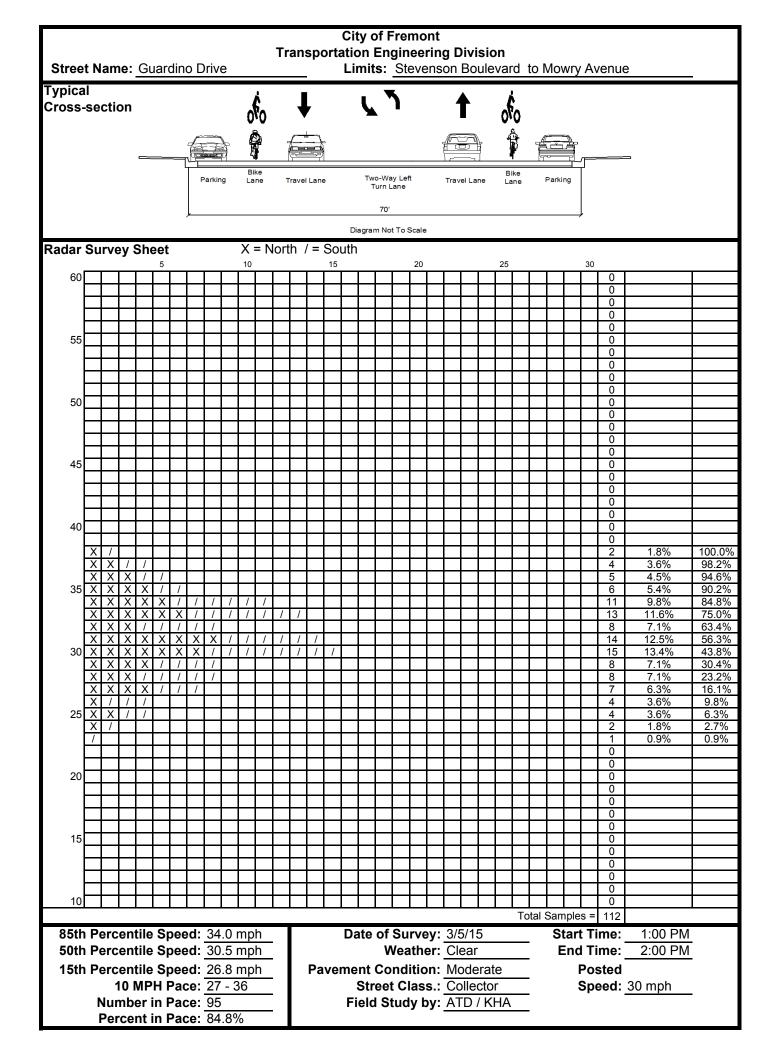
COMMENTS The 85th-percentile speed of 38.9 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 32 mph to 41 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.



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SPEED DATA Location of Speed Survey 39088 Guarding Dr. Posted Speed Limit 30 mph Time of Speed Survey 1:00 PM - 2:00 PM Recommended Speed Limit 35 mph Sth Percentile Speed (Mean Speed) 30.5 mph Speed Limit Change Yes 85th Percentile Speed (Mean Speed) 34.0 mph Speed Limit Change Yes 97 a8 mph Speed Justification 85th-percentile speed 10 mph Pace Speed 27 - 38 mph Speed Justification 85th-percentile speed 10 mph Pace Speed 27 - 38 mph Speed Justification 85th-percentile speed 10 mph Pace Speed 27 - 38 mph Speed Justification 85th-percentile speed 10 mph Pace Speed 27 - 38 mph Speed Justification 85th-percentile speed 10 mph Pace Speed 12 Vertex Vertex Vertex Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 0.00 Expected Collision (ACC/MVM) 3.805 Type of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Bivd; stop sign at Litchfield Ave Pedestrian Traffic Low Vertice Low Vertice Low Vertice Low Number of Lanes NB -	STREET:Guardino DriveFROM:Stevenson Boule	vard		SURVEY TO:	/ DATE: Mowry Ave	3/5/201 enue	5
50th Percentile Speed 30.5 mph Speed Limit Change Yes 85th Percentile Speed 34.0 mph Speed Justification 85th-percentile speed 10 mph Pace Speed 27 - 35 mph Speed Justification 85th-percentile speed Percentage of Vehicles in Pace 84.8% Number of Survey Samples 112 COLLISION HISTORY Interventile Speed 4 Number of Survey Samples 0 0 Collisions 0 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 3.805 Type of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Low Verture Low Verture Low Truck Traffic Speed Collistor Speed Limit Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Low Verture Low Truck Traffic Low Verture Low Verture Low Number of Lanes NB - 1 SP - 1 Speed Low Street Classification Collector On-Street Parking?	Location of Speed Survey		v			d Limit	
B5th Percentile Speed 34.0 mph Speed Justification 85th-percentile speed 10 mph Pace Speed 27 - 36 mph Percentage of Vehicles in Pace 84.8% Number of Survey Samples 112 COLLISION HISTORY Number of Years Studied 4 Total Collisions 0 Collision Ret (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 3.805 Type of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Wildth 70' Number of Lanes NB - 1 Sife Lanes? Yes Bike Lanes? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - Continuous Drivieways? Yes - Continuous Priveways? Few Vertical Curve No Moderate Vertical Curve					-		-
10 mph Pace Speed 27 - 36 mph Percentage of Vehicles in Pace 84.8% Number of Survey Samples 112 COLLISION HISTORY 4 Number of Vears Studied 4 Total Collisions 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS 3.805 Average Daily Traffic 3.805 Truck Traffic Contol Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low ROADWAY CHARACTERISTICS Image: Collector Length of Segment 2778' Width 70' Number of Lanes NB - 1 SB - 1 SB - 1 Street Classification Collector Divided Median? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes Sidewalks? Yes - Continuous Driveways? Few Versiontal Curve No Horizontal Curve No Horizontal Curve<	• •	i Speed)			•		
Percentage of Vehicles in Pace Number of Survey Samples 84.8% Number of Survey Samples 112 COLLISION HISTORY Number of Years Studied 4 Total Collisions 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 3.805 Type of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Bivd; stop sign at Litchfield Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB-1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn Iane Designated Bike Route? Yes Bike Lanes? Yes Sidewalks? Yes - Continuous Drivieways? Few Vertical Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Bivd Visibility Good Pavement Condition Moderate				Speed Ju	stification		ostin-percentile speed
Number of Survey Samples 112 COLLISION HISTORY Number of Years Studied 4 Total Collisions 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 3,805 Trype of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Truck Traffic ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 Street Classification Collector Divided Median? Yes Bike Lanes? Yes Bike Lanes? Yes Sidewalks? Yes - Continuous On-Street Parking? Yes Sidewalks? Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good			•				
COLLISION HISTORY Number of Years Studied 4 Total Collisions 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic Average Daily Traffic 3.805 Type of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Truck Traffic Low Truck Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment Length of Segment 2778' Width 70' Number of Lanes NB - 1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn lane Designated Bike Route? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes Sidewalks? Yes - Continuous Driveways? Few Vertical Curve No Horizontal Curve No Horizontal Curve No		ace					
Number of Years Studied 4 Total Collisions 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 3,805 Type of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn Iane Designated Bike Route? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - Continuous Driveways? Few Vertical Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate	Number of Survey Samples		112				
Number of Years Studied 4 Total Collisions 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 3,805 Type of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn Iane Designated Bike Route? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - Continuous Driveways? Few Vertical Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate							
Total Collisions 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 3,805 Type of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 SB - 1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn lane Designated Bike Route? Yes Bike Lanes? Yes Sidewalks? Yes - Continuous Driveways? Few Vertical Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate			4				
Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 3.805 Type of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn lane Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - Continuous Driveways? Few Vertical Curve No Horizontal Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate							
Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 3,805 Type of Traffic Corlol Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn lane Designated Bike Route? Yes Bike Lanes? Yes Vided Median? Yes - Continuous Driveed Parking? Yes Sidewalks? Yes - Continuous Driveays? Few Vertical Curve No Horizontal Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate							
TRAFFIC FACTORS Average Daily Traffic 3,805 Type of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn lane Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes Sidewalks? Yes - Continuous Driveways? Few Vertical Curve No Horizontal Curve Yes Bitive Journe Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate		\/ // /					
Average Daily Traffic 3,805 Type of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn lane Designated Bike Route? Yes Bike Lanes? Yes Sidewalks? Yes - Continuous Driveways? Few Vertical Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate	Expected Collisions (ACC/M	V IVI)	1.40				
Average Daily Traffic 3,805 Type of Traffic Control Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn lane Designated Bike Route? Yes Bike Lanes? Yes Sidewalks? Yes - Continuous Driveways? Few Vertical Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate							
Type of Traffic Control Pedestrian Traffic Traffic signal at Walnut Ave, Mowry Ave, and Stevenson Blvd; stop sign at Litchfield Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 SB - 1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn lane Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - Continuous Driveways? Few Vertical Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate							
Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 SB - 1 Street Classification Collector Divided Median? Yes Near Walnut Ave, Two-way left turn lane Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes Sidewalks? Yes - Continuous Driveways? Few Vertical Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate	• •	,					
Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn lane Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - Continuous Driveways? Few Vertical Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate	51	0	hal at Walnut Ave, Mowry Ave, and Si	evenson Blvd;	stop sign at	Litchfield	Ave
ROADWAY CHARACTERISTICS Length of Segment 2778' Width 70' Number of Lanes NB - 1 SB - 1 Street Classification Collector Divided Median? Yes - Near Walnut Ave, Two-way left turn lane Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes Sidewalks? Yes - Continuous Driveways? Few Vertical Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate							
Length of Segment2778'Width70'Number of LanesNB - 1SB - 1Street ClassificationCollectorDivided Median?Yes - Near Walnut Ave, Two-way left turn laneDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?YesSidewalks?Yes - ContinuousDriveways?FewVertical CurveNoHorizontal CurveYes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson BlvdVisibilityGoodPavement ConditionModerate		Low					
Length of Segment2778'Width70'Number of LanesNB - 1SB - 1Street ClassificationCollectorDivided Median?Yes - Near Walnut Ave, Two-way left turn laneDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?YesSidewalks?Yes - ContinuousDriveways?FewVertical CurveNoHorizontal CurveYes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson BlvdVisibilityGoodPavement ConditionModerate							
Width70'Number of LanesNB - 1SB - 1Street ClassificationCollectorDivided Median?Yes - Near Walnut Ave, Two-way left turn laneDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - ContinuousDriveways?FewVertical CurveNoHorizontal CurveYes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson BlvdVisibilityGoodPavement ConditionModerate							
Number of LanesNB - 1SB - 1Street ClassificationCollectorDivided Median?Yes - Near Walnut Ave, Two-way left turn laneDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?YesSidewalks?Yes - ContinuousDriveways?FewVertical CurveNoHorizontal CurveYes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson BlvdVisibilityGoodPavement ConditionModerate							
Street ClassificationCollectorDivided Median?Yes - Near Walnut Ave, Two-way left turn laneDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - ContinuousSidewalks?Yes - ContinuousDriveways?FewVertical CurveNoHorizontal CurveSet Setween Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson BlvdVisibilityGoodPavement ConditionModerate			0 5 /				
Divided Median?Yes - Near Walnut Ave, Two-way left turn laneDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?YesSidewalks?Yes - ContinuousDriveways?FewVertical CurveNoHorizontal CurveYes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson BlvdVisibilityGoodPavement ConditionModerate			SB - 1				
Designated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?YesSidewalks?Yes - ContinuousDriveways?FewVertical CurveNoHorizontal CurveYes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson BlvdVisibilityGoodPavement ConditionModerate							
Bike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?YesSidewalks?Yes - ContinuousDriveways?FewVertical CurveNoHorizontal CurveYes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson BlvdVisibilityGoodPavement ConditionModerate			r Walnut Ave, Two-way left turn lane				
Uncontrolled Crosswalks?NoOn-Street Parking?YesSidewalks?Yes - ContinuousDriveways?FewVertical CurveNoHorizontal CurveYes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson BlvdVisibilityGoodPavement ConditionModerate	•						
On-Street Parking?YesSidewalks?Yes - ContinuousDriveways?FewVertical CurveNoHorizontal CurveYes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson BlvdVisibilityGoodPavement ConditionModerate							
Sidewalks?Yes - ContinuousDriveways?FewVertical CurveNoHorizontal CurveYes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson BlvdVisibilityGoodPavement ConditionModerate							
Driveways? Few Vertical Curve No Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate	•						
Vertical CurveNoHorizontal CurveYes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson BlvdVisibilityGoodPavement ConditionModerate			linuous				
Horizontal Curve Yes - Between Litchfield Ave. and Walnut Ave and between Red Hawk Ctr and Stevenson Blvd Visibility Good Pavement Condition Moderate	2						
Visibility Good Pavement Condition Moderate							
Pavement Condition Moderate			veen Litchfield Ave. and Walnut Ave a	ind between Re	ed Hawk Ctr	and Stev	enson Blvd
	-						
Adjacent Land Use Fronting residential, non-fronting residential, apartments, and park							
	Adjacent Land Use	Fronting re	esidential, non-fronting residential, apa	artments, and p	bark		

COMMENTS The 85th-percentile speed of 34.0 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 35 mph.

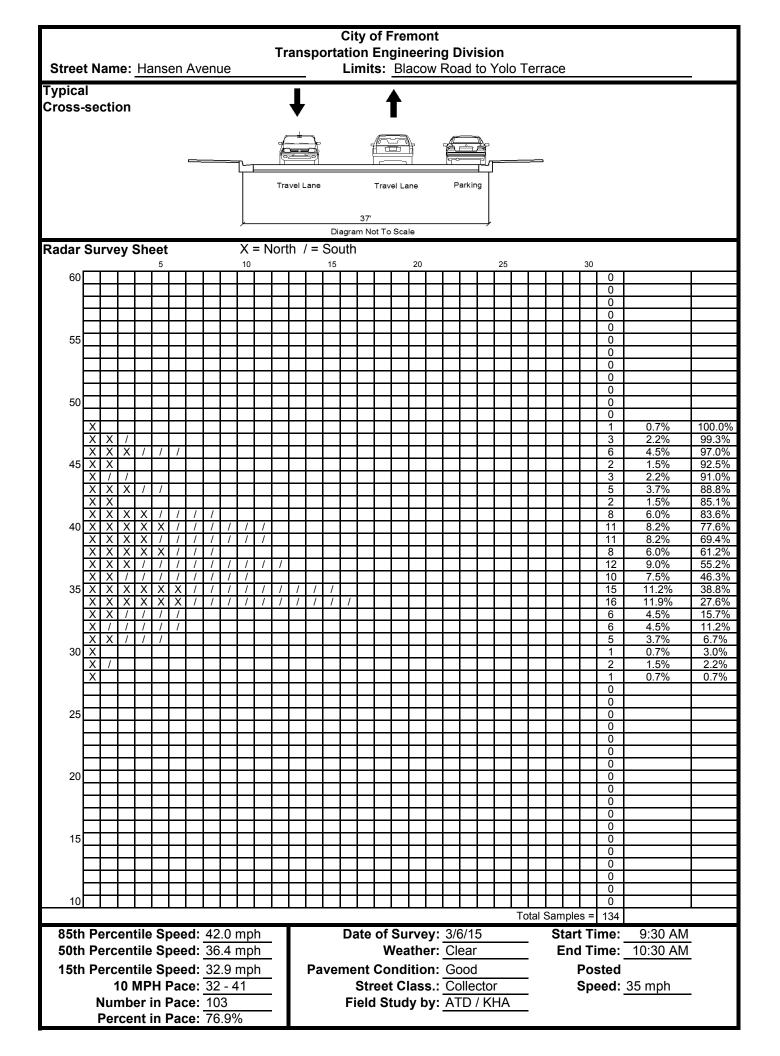


67

STREET:Hansen AvenueFROM:Blacow Road			SURVEY TO:	Y DATE: Yolo Terrac	3/6/201 ce	5
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		4703 Hansen Ave 9:30 AM - 10:30 AM 36.4 mph 42.0 mph 32 - 41 mph 76.9% 134	Recommo Speed Lir	Speed Limit nended Spee imit Change ustification	ed Limit	35 mph 35 mph No 85th-percentile speed downgraded 5 mph due to proximity to school
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	IVM)	4 0 0.00 1.46				
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	3,146 Stop sign a Low Low	at Blacow Rd				
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median?	2,385 37' NB -1 Collector No	SB -1				
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	Yes - East Yes - East No No Yes - East	Side				
Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	None None Good Good	sidential, apartments, and scho	ol			

COMMENTS

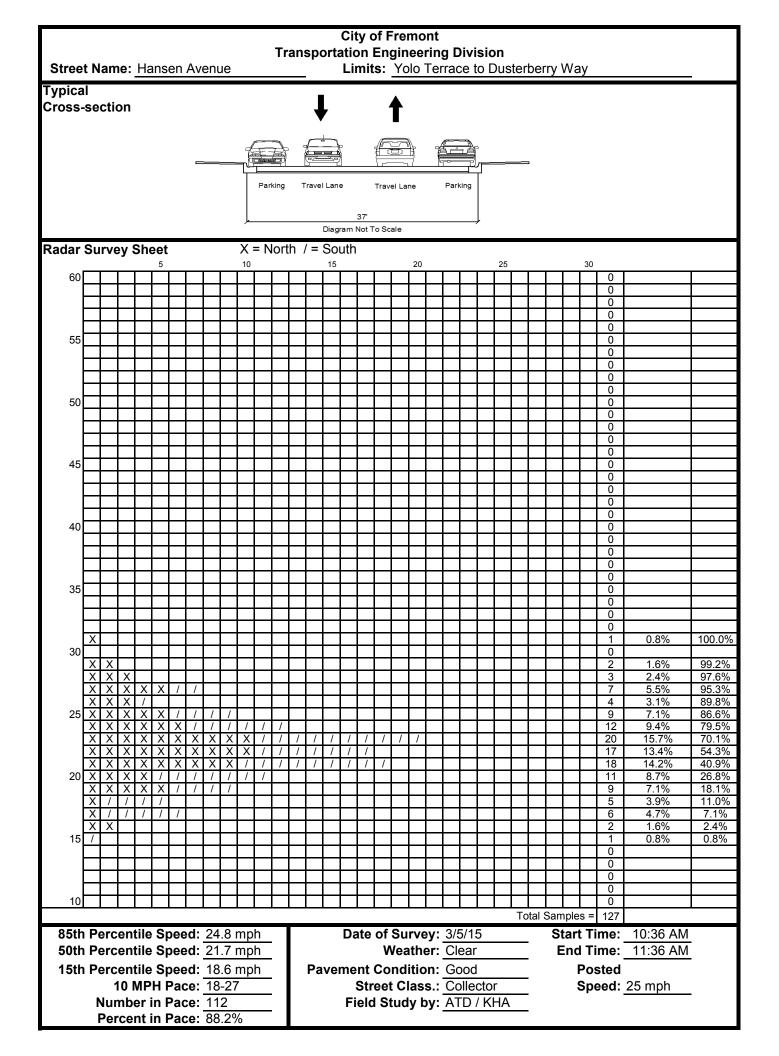
The 85th-percentile speed of 42.0 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 32 mph to 41 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Due to the proximity to a school, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the posted speed limit remains at 35 mph, based upon downgrading the 85th-percentile indicated speed of 40 mph by 5 mph.



68

FROM: Yolo Terrace TO: Dusterberry Way SPEED DATA Location of Speed Survey 222 Hansen Ave Posted Speed Limit 25 mph Time of Speed Survey 10:36 AM - 11:36 AM Recommended Speed Limit 25 mph 50th Percentile Speed (Mean Speed) 21.7 mph Speed Limit Change No 85th Percentile Speed 24.8 mph Speed Justification 85th-percentile speed 10 mph Pace Speed 18-27 mph Speed Justification 85th-percentile speed speed Number of Survey Samples 127 COLLISION HISTORY Number of Years Studied 4 Total Collisions 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46	beed
Location of Speed Survey222 Hansen AvePosted Speed Limit25 mphTime of Speed Survey10:36 AM - 11:36 AMRecommended Speed Limit25 mph50th Percentile Speed (Mean Speed)21.7 mphSpeed Limit ChangeNo85th Percentile Speed24.8 mphSpeed Justification85th-percentile sp10 mph Pace Speed18-27 mphSpeed Justification85th-percentile spPercentage of Vehicles in Pace88.2%Number of Survey Samples127COLLISION HISTORYNumber of Years Studied4Total Collisions00Collision Rate (ACC/MVM)0.001.46	beed
Number of Years Studied4Total Collisions0Collision Rate (ACC/MVM)0.00Expected Collisions (ACC/MVM)1.46	
TRAFFIC FACTORS	
Average Daily Traffic3,068Type of Traffic ControlStop sign at Dusterberry WayPedestrian TrafficLowTruck TrafficLow	
ROADWAY CHARACTERISTICS	
Length of Segment 1,214	
Width 37'	
Number of Lanes NB - 1 SB - 1	
Street Classification Collector	
Divided Median? No	
Designated Bike Route? No	
Bike Lanes? No	
Uncontrolled Crosswalks? No	
On-Street Parking? Yes	
Sidewalks? Yes - Discontinuous at Yolo Terrace	
Driveways? Few	
Vertical Curve None	
Horizontal Curve Yes - At Contra Costa Ave	
Visibility Good	
Pavement Condition Good	
Adjacent Land Use Fronting residential, non-fronting residential, and apartments	

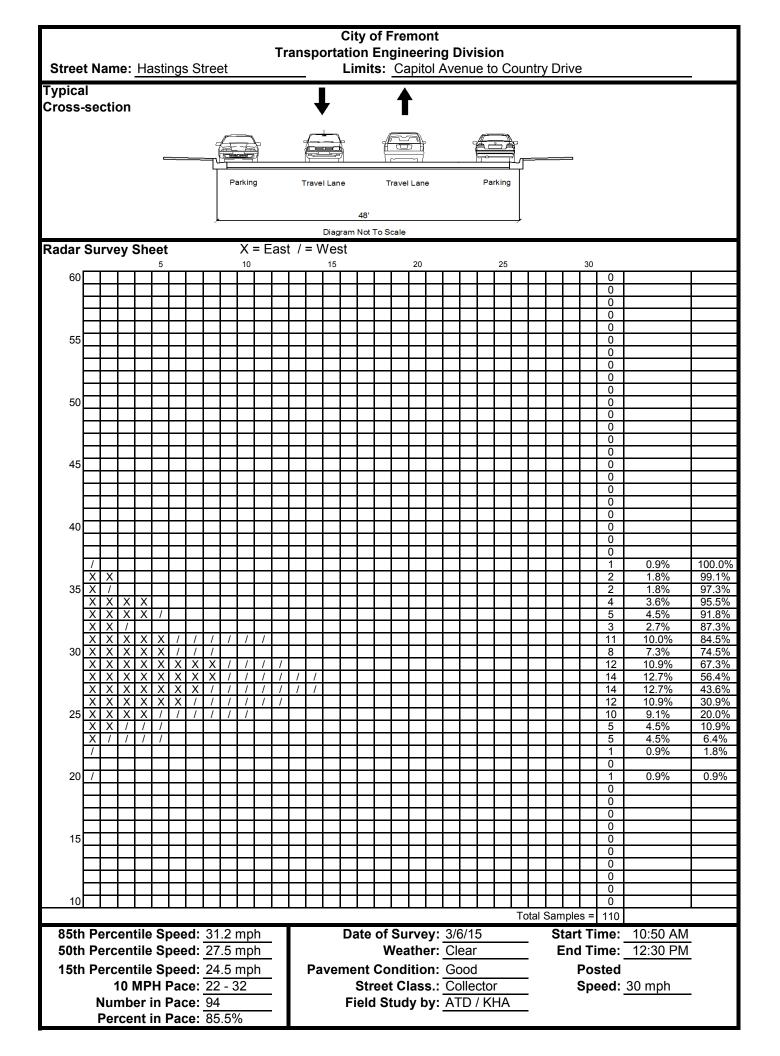
COMMENTS The 85th-percentile speed of 24.8 mph indicates a 25mph speed limit. The 10 mph pace ranges from 18 mph to 27 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 25 mph.



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STREET: Hastings Street			SURVEY DATE	3/6/201	15
FROM: Capitol Avenue			TO: Country	[,] Drive	
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		38780 Hastings St 10:50 AM - 12:30 PM 27.5 mph 31.2 mph 22 - 32 mph 85.5% 110	Posted Speed Lin Recommended S Speed Limit Chan Speed Justificatio	peed Limit Ige	30 mph 30 mph No 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.99			
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	2,131 Traffic sign Low Low	al at Mowry Ave; stop sign at Country l	Dr		
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	RISTICS 1366' 48' EB - 1 Collector No No No No No Yes	WB - 1			
Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Yes - Cont Few None Yes - Appr Good Good	inuous ox 600' east of Country Dr al and apartments			

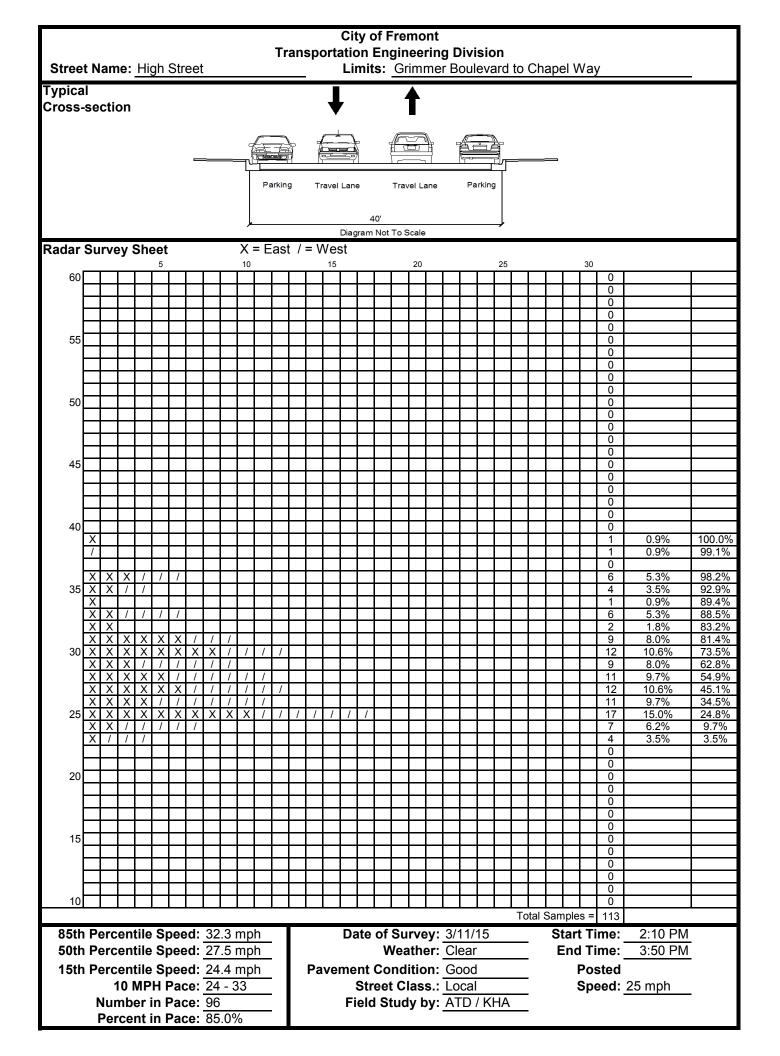
COMMENTS The 85th-percentile speed of 31.2 mph indicates a 30 mph speed limit. The 10 mph pace ranges from 22 mph to 32 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th Percentile speed, it is recommended that the posted speed limit remains at 30 mph.



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STREET: High Street FROM: Grimmer Bouleva	rd		SURVEY DATE: 3/11/20 TO: Chapel Way	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		40625 High Street 2:10 PM - 3:50 PM 27.5 mph 32.3 mph 24 - 33 mph 85.0% 113	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	25 mph 30 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	2,850 Stop sign a Moderate Low	at Chapel Way and Grimmer Blvd.		
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification	RISTICS 1227' 40' EB - 1 Local	WB -1		
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	No No No Yes			
Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Yes Few None Yes - along Good Good Apartments	g entire segment		

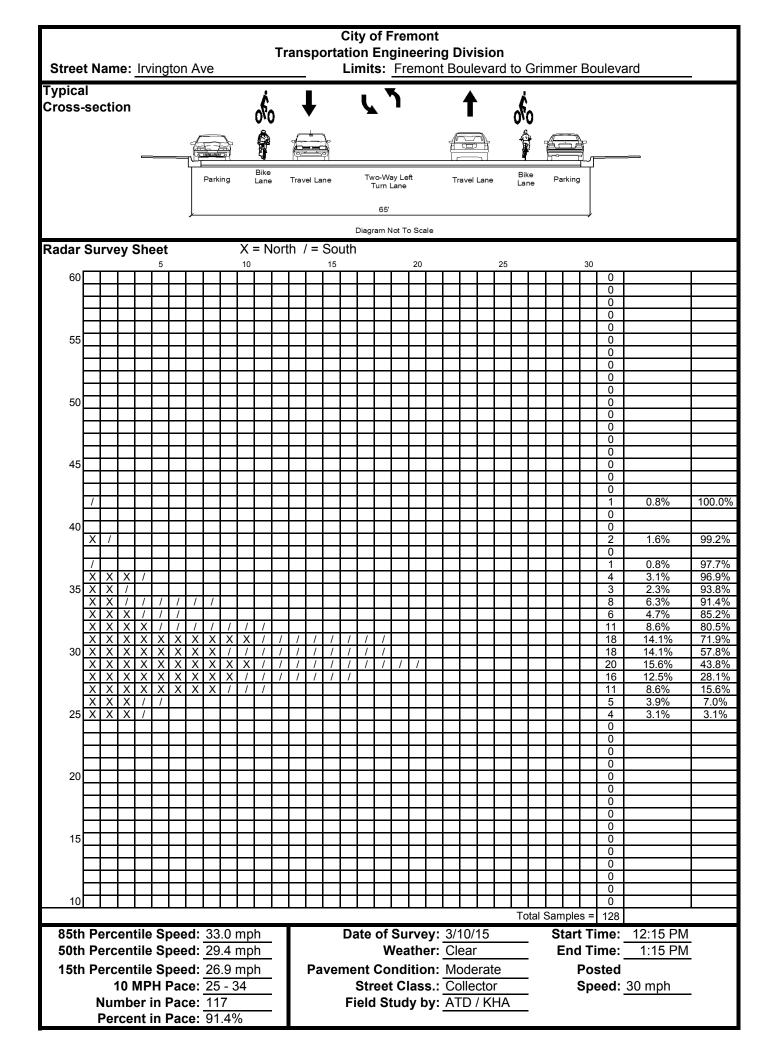
<u>COMMENTS</u> The 85th-percentile speed of 32.3 mph indicates a 30 mph speed limit. The 10 mph pace ranges from 24 mph to 33 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 30 mph.



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STREET: Irvington Ave			SURVEY DATE: 3/10/20	115
	e d		TO: Grimmer Boulevard	<i>1</i> 5
FROM: Fremont Bouleva	ſĊ		IO. Grimmer Boulevard	
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	. ,	4177 Irvington Avenue 12:15 PM - 1:15 PM 29.4 mph 33.0 mph 25 - 34 mph 91.4% 128	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	30 mph 30 mph No 85th-percentile speed rounded down per CVC Section 21400(b)
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 1 0.27 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	4,193 Traffic sign Moderate Low	al at Grimmer Blvd; stop sign at Thurs	ton St, Chapel Ave	
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification	3137' 65' NB - 1 Collector	SB - 1		
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	Two-way le Yes Yes No Yes	ft-turn lane		
Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition	Yes Few None Yes - near Good Moderate	Thurston St		
Adjacent Land Use		sidential, apartments, commercial, cen	netery, church, and school	

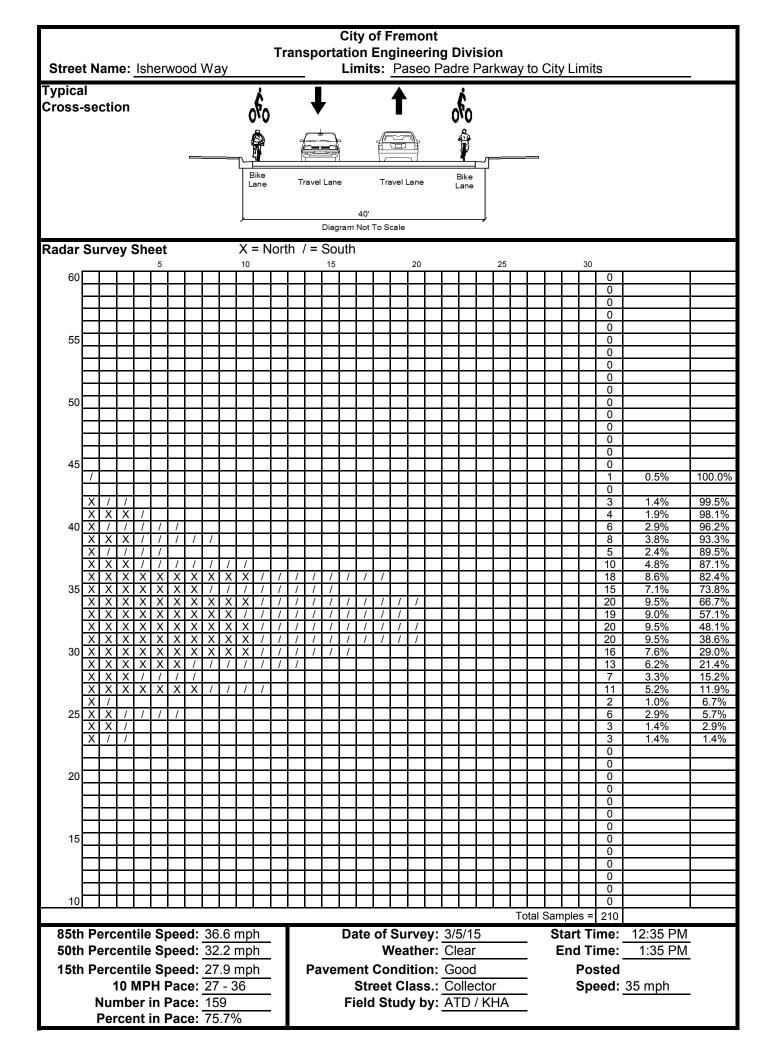
COMMENTS The 85th-percentile speed of 33.0 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 25 mph to 34 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 30 mph.



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STREET: Isherwood Way			SURVEY DATE: 3/5/20	15
FROM: Paseo Padre Par	kwav		TO: City Limits	
SPEED DATA				
Location of Speed Survey	Isherwood	Way 600 ft N of Paseo Padre Pkwy	Posted Speed Limit	35 mph
Time of Speed Survey		12:35 PM - 1:35 PM	Recommended Speed Limi	
50th Percentile Speed (Mear	(bood	32.2 mph	Speed Limit Change	No
85th Percentile Speed	i opeeu)	36.6 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		27 - 36 mph	opeca bastilication	
Percentage of Vehicles in Pa	ace	75.7%		
Number of Survey Samples		210		
		210		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		1		
Collision Rate (ACC/MVM)		0.24		
Expected Collisions (ACC/M	VM)	1.46		
i	,			
TRAFFIC FACTORS				
Average Daily Traffic	10,123			
Type of Traffic Control		nal at Paseo Padre Pkwy; stop sign at	Chaplin Dr. Barnard Dr. and Quar	ny Lake Dr
Pedestrian Traffic	Low	al at 1 aseo 1 aute 1 kwy, stop sign at		y Lake Di
Truck Traffic	Low			
	2011			
ROADWAY CHARACTEI	RISTICS			
Length of Segment	1461'			
Width	40'			
Number of Lanes	NB - 1	SB - 1		
Street Classification	Collector			
Divided Median?	No			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	Yes			
Driveways?	None			
Vertical Curve	None			
Horizontal Curve	None			
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Non-fronti	ng residential and Quarry Lakes Region	nal Recreation Area	
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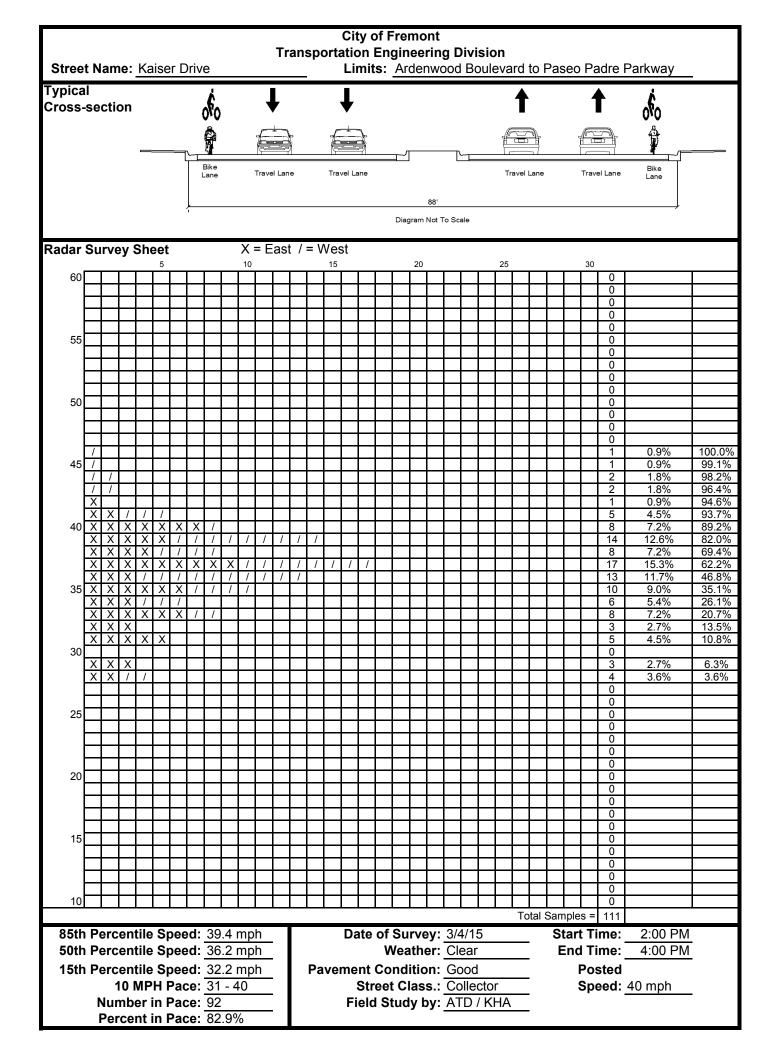
COMMENTS The 85th-percentile speed of 36.6 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.



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STREET: Kaiser Drive FROM: Ardenwood Boule	evard		SURVEY DATE:3/4/201TO:Paseo Padre Parkw	
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		6552 Kaiser Dr 2:00 PM - 4:00 PM 36.2 mph 39.4 mph 31 - 40 mph 82.9% 111	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	40 mph 40 mph No 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	1,074 Traffic sigr Low Low	al at Ardenwood Blvd; stop sign at Pas	seo Padre Pkwy,	
ROADWAY CHARACTER Length of Segment Width Number of Lanes	3257' 86' EB -2	WB -2		
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Collector Yes No No No			
On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	Few None Yes - Near	h side pt south side near ends of segment Dumbarton Cir and Paseo Padre Pkwy	y	
Visibility Pavement Condition Adjacent Land Use	Good Good Office			

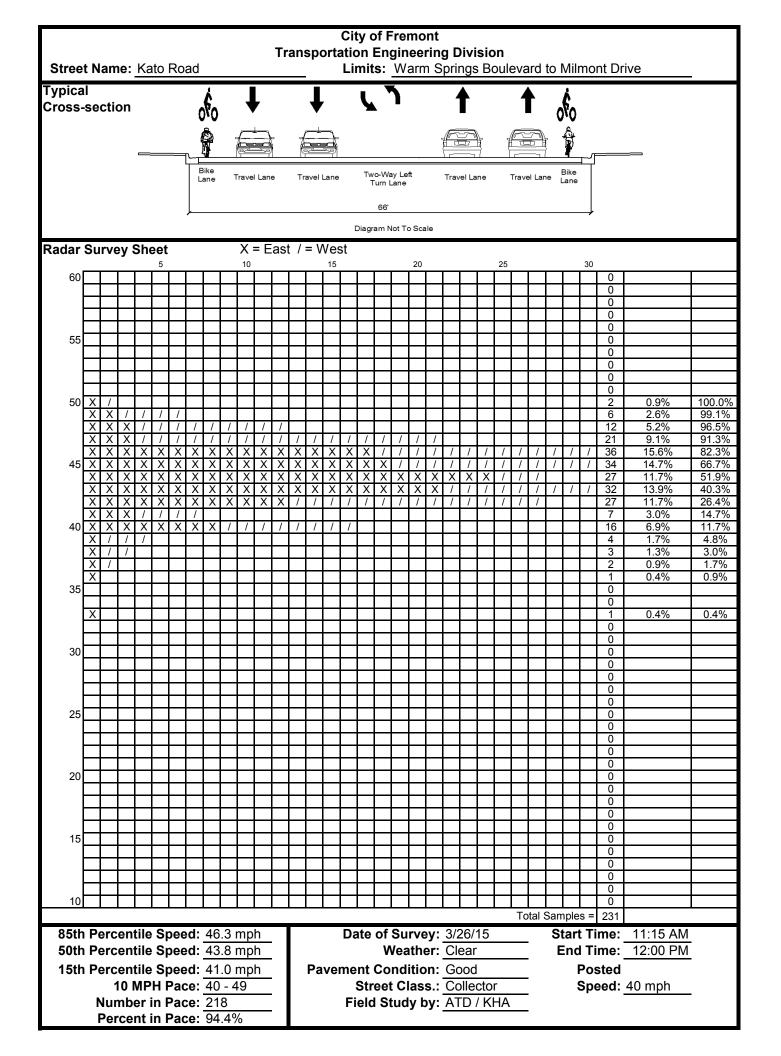
COMMENTS The 85th-percentile speed of 39.4 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 31 mph to 40 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 40 mph.



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STREET: Kato Road FROM: Warm Springs Bo	Kato Road Warm Springs Boulevard			SURVEY DATE:3/26/2015TO:Milmont Drive			
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		48817 Kato Road 11:15 AM - 12:00 PM 43.8 mph 46.3 mph 40 - 49 mph 94.4% 231	Posted Spe Recommer Speed Limi Speed Just	nded Speed it Change	Limit	40 mph 45 mph Yes 85th-percentile speed	
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/MV	VM)	4 2 0.17 1.55					
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	17,804 Traffic Sigr Low Moderate	nal at Warm Springs Blvd and Milmont [Dr.				
ROADWAY CHARACTERISTICS							
Length of Segment	2350'						
Width	66'						
Number of Lanes	EB - 2	WB - 2					
Street Classification	Collector						
Divided Median?	Yes - At underpass						
Designated Bike Route?	Yes						
Bike Lanes?	Yes						
Uncontrolled Crosswalks?	No						
On-Street Parking?	No						
Sidewalks?	Yes						
Driveways?	Few	Few					
Vertical Curve	Yes - At underpass						
Horizontal Curve	None						
Visibility	Good						
Pavement Condition	Good						
Adjacent Land Use	djacent Land Use Non-fronting residential and office						

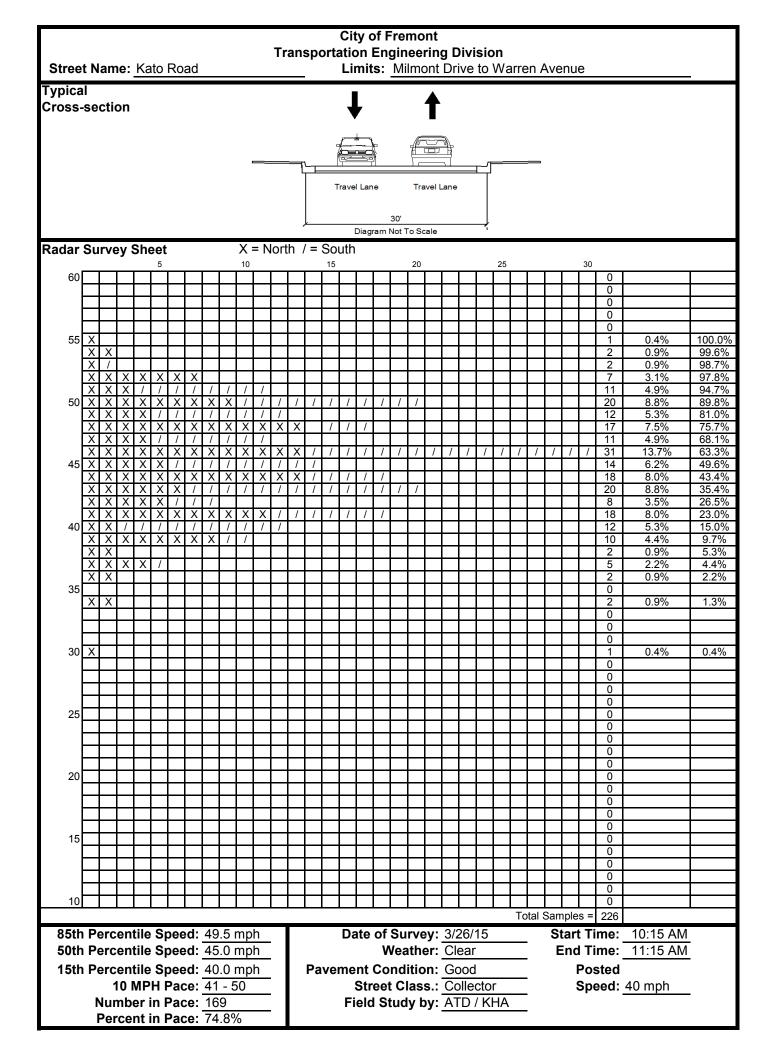
<u>COMMENTS</u> The 85th-percentile speed of 46.3 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 40 mph to 49 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.



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STREET:Kato RoadFROM:Milmont Drive			SURVEY DATE: 3/26/2015 TO: Warren Avenue		
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean Speed) 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pace Number of Survey Samples		47540 Kato Rd. 10:15 AM - 11:15 AM 45.0 mph 49.5 mph 41 - 50 mph 74.8% 226	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	40 mph 50 mph Yes 85th-percentile speed	
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	IVM)	4 7 0.27 1.46			
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	8,877 Traffic signals at Milmont Dr and Warren Ave Low Low				
ROADWAY CHARACTE Length of Segment Width Number of Lanes	RISTICS 10665' 30' NB - 1	SB - 1			
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Collector No Yes Yes No				
On-Street Parking? Sidewalks? Driveways? Vertical Curve	Yes Yes - Discontinuous on east side Few None				
Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Good Good	ar Warren Ave and Milmont Dr al, office, and sports field			

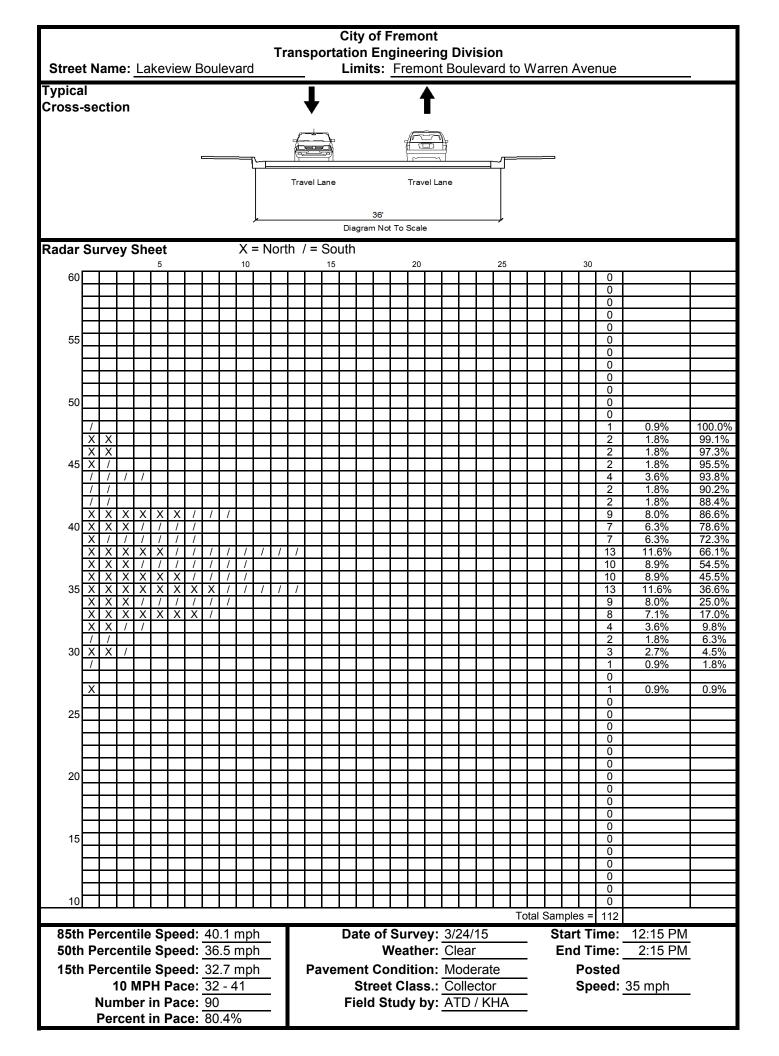
<u>COMMENTS</u> The 85th-percentile speed of 49.5 mph indicates a 50 mph speed limit. The 10 mph pace ranges from 41 mph to 50 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 50 mph.



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STREET:Lakeview BoulevaFROM:Fremont Bouleva			SURVEY DATE: 3/24/20 TO: Warren Avenue	015
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	. ,	47687 Lakeview Blvd 12:15 PM - 2:15 PM 36.5 mph 40.1 mph 32 - 41 mph 80.4% 112	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	35 mph 40 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 1 0.44 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	1,079 Traffic Sign Moderate Low	al at Warren Ave; stop sign at Fre	emont Blvd	
ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification	RISTICS 7608' 36' NB - 1 Collector	SB - 1		
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	Two-way le No No No No	ft-turn lane north of Gateway		
Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility	Few None Yes - 4 nea Good	side and east side north of Gatev r Fremont Blvd and Gateway Blvd		
Pavement Condition Adjacent Land Use	Moderate Office			

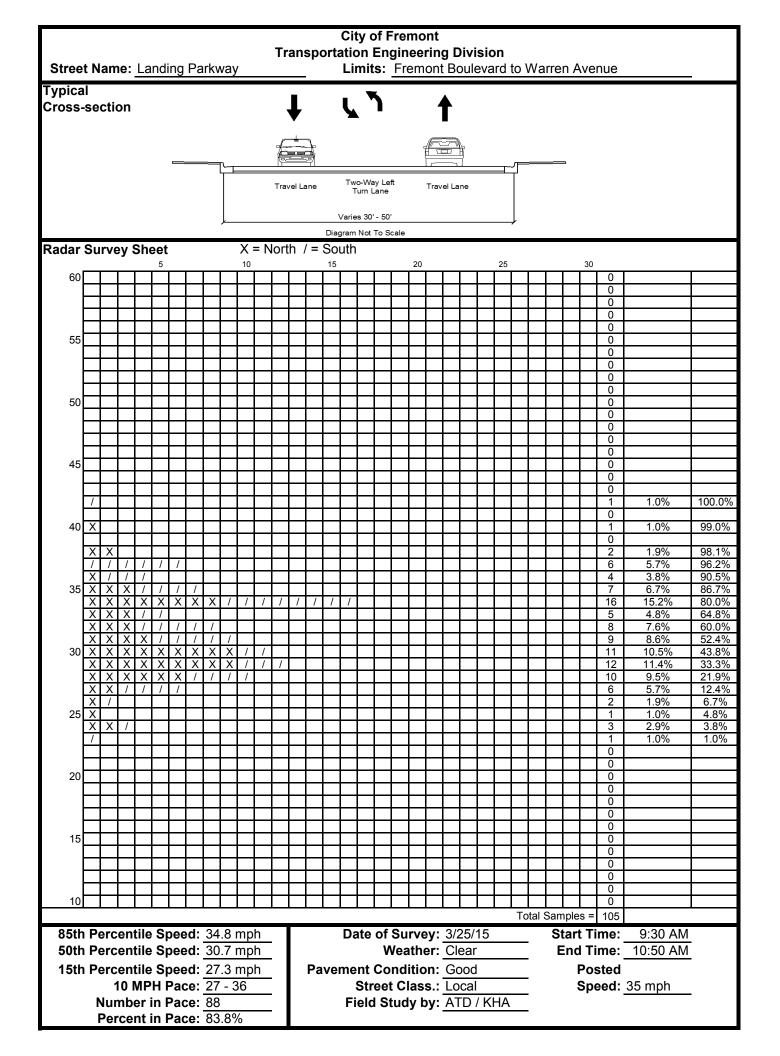
COMMENTS The 85th-percentile speed of 40.1 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 32 mph to 41 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.



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STREET: Landing Parkway FROM: Fremont Bouleva			SURVEY DATE: 3/25/20 TO: Warren Avenue	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	• /	46661 Landing Pkwy 9:30 AM - 10:50 AM 30.7 mph 34.8 mph 27 - 36 mph 83.8% 105	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	35 mph 35 mph No 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 1 0.40 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	2,113 Stop signs Moderate Low	at Warren Ave and Fremont Blvd		
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification	RISTICS 4,254 30' -50' NB - 1 Local	SB - 1		
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	No No No No No			
Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility	Yes - Disco Few None Yes - 3 mic Good	ontinuous on east side next to freeway I-segment		
Pavement Condition Adjacent Land Use	Good Commercia	al and office		

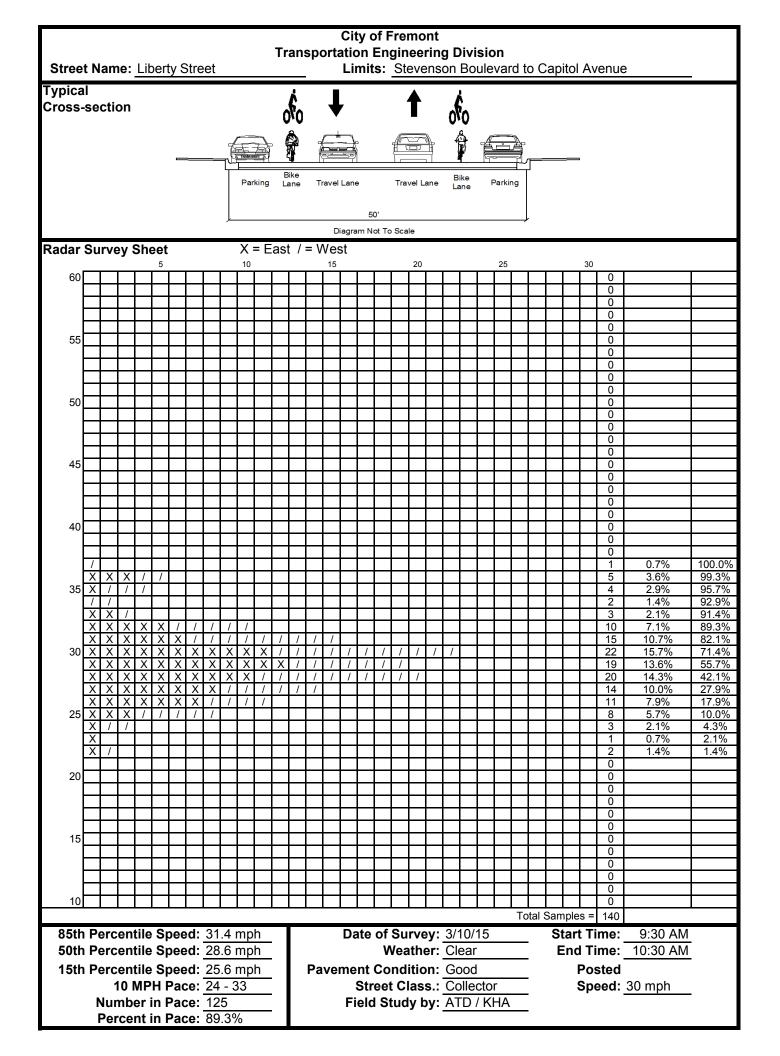
COMMENTS The 85th-percentile speed of 34.8 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.



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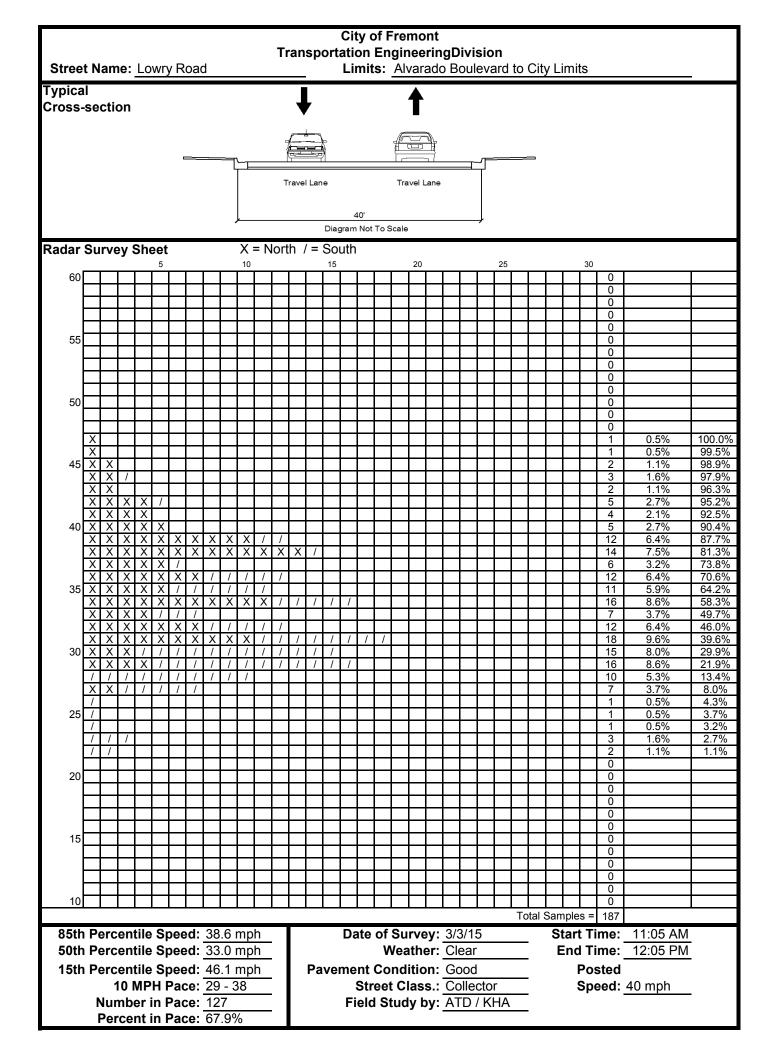
FROM: Stevenison Boulevard TO: Capitol Avenue SPEED DATA Location of Speed Survey 39814 Liberty St. Posted Speed Limit 30 mph Soft Percentile Speed (Mean Speed) 28.6 mph Speed Limit Change No Soft Percentile Speed 31.4 mph Speed Limit Change No Mumber of Survey Samples 140 Speed Limit Change No Percentile Speed 24.33 mph Speed Justification Sfith-percentile speed ColLision HISTORY Number of Survey Samples 140 Stith Percentile speed Speed Justification Number of Survey Samples 140 Stith Percentile speed Speed Justification Sfith-percentile speed ColLision HISTORY Number of Vairs Studied 4 Speed Justification Sfith-percentile speed Number of Vairs Studied 4 Speed Justification Sfith-percentile speed Speed Justification Type of Traffic Control 1.46 Speed Justification Speed Justification Speed Justification Rocomver Charles (ACC/MVM) 0.22 Speed Justification Speed Justification Speed Justification Street Classification Joing Street Speed Justific Signal at Walnut Ave; stop sign at Capital Ave Speed Justification Speed Justification Divided Median?	STREET: Liberty Street			SURVEY DATE: 3/10/20	15
SPEED DATA Location of Speed Survey 39814 Liberty St. 9:30 AM - 10:30 AM Posted Speed Limit 30 mph Stin Percentile Speed 28.6 mph Speed Limit Change No Stin Percentile Speed 24.33 mph Speed Limit Change No Percentage of Vehicles In Pace 93.3% 83.3% Speed Justification 85th-percentile speed 10 mph Pace Speed 24.33 mph Speed Speed Justification 85th-percentile speed Percentage of Vehicles In Pace 93.3% 140 Collision Rate (ACC/MVM) 0.22 Expected Collisions (ACC/MVM) 0.22 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 4.501 Traffic Signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic Low Traffic Control Traffic Signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic Low Traffic Control Traffic Signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic No Soft Percentage Signated Bike Route? Yes Length of Segment 3,730 Width Soft Width 50 No Soft Percentage Signated Bike Route? Yes Bike Lanes? Yes		vard		TO: Capitol Avenue	
Location of Speed Survey 38814 Liberty St. Time of Speed Survey Posted Speed Limit 30 mph Recommended Speed Limit 30 mph 71me of Speed Survey 9:30 AM - 10:30 AM Recommended Speed Limit 30 mph 30 mph 85th Percentile Speed (Mean Speed) 28 6 mph Speed Limit Change No 85th Percentile Speed (Mean Speed) 24 - 33 mph Speed Justification 85th-percentile speed 9 mph Acce Speed 24 - 33 mph Speed Justification 85th-percentile speed 9 mph Acce Speed 24 - 33 mph Speed Justification 85th-percentile speed 10 mph Acce Speed 4 - - - Collisions 1 - - - Collisions (ACC/MVM) 0.22 - - - Expected Collisions (ACC/MVM) 1.46 - - - Truck Traffic Control Traffic signal at Wainut Ave; stop sign at Capital Ave - - - Pedestrian Traffic Low Low - - - - RoADWAY CHARACTERISTICS - - - - -					
Location of Speed Survey 38814 Liberty St. Time of Speed Survey Posted Speed Limit 30 mph Recommended Speed Limit 30 mph 71me of Speed Survey 9:30 AM - 10:30 AM Recommended Speed Limit 30 mph 30 mph 85th Percentile Speed (Mean Speed) 28 6 mph Speed Limit Change No 85th Percentile Speed (Mean Speed) 24 - 33 mph Speed Justification 85th-percentile speed 9 mph Acce Speed 24 - 33 mph Speed Justification 85th-percentile speed 9 mph Acce Speed 24 - 33 mph Speed Justification 85th-percentile speed 10 mph Acce Speed 4 - - - Collisions 1 - - - Collisions (ACC/MVM) 0.22 - - - Expected Collisions (ACC/MVM) 1.46 - - - Truck Traffic Control Traffic signal at Wainut Ave; stop sign at Capital Ave - - - Pedestrian Traffic Low Low - - - - RoADWAY CHARACTERISTICS - - - - -	SPEED DATA				
Time of Speed Survey 9:30 AM - 10:30 AM Recommended Speed Limit 30 mph 50th Percentile Speed (Mean Speed) 28.6 mph Speed Limit Change No 50th Percentile Speed (Mean Speed) 24.33 mph Speed Justification No Percentage of Vehicles in Pace 89.3% Speed Justification 85th-percentile speed COLLISION HISTORY No No No Number of Survey Samples 140 14 14 Collisions 1 1 14 Collision Rate (ACC/MVM) 0.22 22.6 24 Expected Collisions (ACC/MVM) 1.46 14 Track (ACC/MVM) 0.22 22.6 Expected Collisions (ACC/MVM) 1.46 Type of Traffic Control Traffic signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic Low Truck Traffic Low Number of Segment 3,730 Width 50' Number of Lanes EB-1 Street Classification Collector Divided Median? No Designated Bike Route? Yes Uncontrolled Crosswalks? Yes Divided Median? No On-Street Parking? Yes Diviewalks? Yes <th></th> <th></th> <th>39814 Liberty St</th> <th>Posted Speed Limit</th> <th>30 mph</th>			39814 Liberty St	Posted Speed Limit	30 mph
Soth Percentile Speed (Mean Speed) 28.6 mph Speed Limit Change No 85th Percentile Speed 31.4 mph Speed Justification 85th-percentile speed 10 mph Pace Speed 24 - 33 mph Percentage of Vehicles in Pace 89.3% Number of Survey Samples 140 140 COLLISION HISTORY Number of Years Studied 4 Total Collisions 1 Collision Rate (ACC/MVM) 0.22 Expected Collisions (ACC/MVM) 0.22 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 4,501 Type of Traffic Control Traffic signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic Pedestrian Traffic Low Vidth 50' Number of Lanes EB - 1 WB - 1 Street Classification Collector Divided Median? No Designated Bike Route? Yes His - 1/3 of segment Sidewalks? Yes Bike Lanes? Yes Horizontal Curve No Designated Bike Route? Yes Horizontal Curve No Designated Bike Route? Yes Bike Lanes? Yes			2		
85th Percentile Speed 31.4 mph Speed Justification 85th-percentile speed 10 mph Pace Speed 24 - 33 mph Percentage of Vehicles in Pace 89.3% Number of Survey Samples 140 140 COLLISION HISTORY Number of Years Studied 4 Total Collisions 1 Collisions (ACC/MVM) 0.22 Expected Collisions (ACC/MVM) 1.46 1 TRAFFIC FACTORS Average Daily Traffic 4.501 Type of Traffic Control Traffic signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic Low ROADWAY CHARACTERISTICS Length of Segment 3,730 Width 50 Number of Lanes EB - 1 Bike Lanes? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - 1/3 of segment Sidewalks? Yes Driveway? Few Vertical Curve None Porzentile Condition Good		Sneed)		-	
10 mph Pace Speed 24 - 33 mph Percentage of Vehicles in Pace 89.3% Number of Survey Samples 140 COLLISION HISTORY		(Speed)	1		
Percentage of Vehicles in Pace 89.3% Number of Survey Samples 140 COLLISION HISTORY 140 Number of Years Studied 4 Total Collisions 1 Collision Rate (ACC/MVM) 0.22 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic Average Daily Traffic 4,501 Type of Traffic Control Traffic signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 3,730 Width 50° Number of Lanes EB - 1 Divided Median? No Designated Bike Route? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - 1/3 of segment Sidewalks? Yes Vertical Curve None Horizontal Curve Yes - Near Stevenson Blvd Visibility God Pavement Condition God	•		-	Speed Justification	bour percentile speed
Number of Survey Samples 140 COLLISION HISTORY Number of Years Studied 4 Total Collisions 1 Collision Rate (ACC/MVM) 0.22 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 4.501 Type of Traffic Control Traffic signal at Wahut Ave; stop sign at Capital Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 3.730 Width S0' Number of Lanes EB - 1 Bike Lanes? Yes Bike Lanes? Yes Divided Median? No On-Street Parking? Yes Driveways? Few Vertical Curve None Horizontal Curve Yes Driveways? Few Vertical Curve None Horizontal Curve Yes Driveways? Few Vertical Curve None Horizontal Curve Yes Pavement Condition Good		200			
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Number of Years Studied 4 Total Collisions 1 Collision Rate (ACC/MVM) 0.22 Expected Collisions (ACC/MVW) 1.46 TRAFFIC FACTORS Average Daily Traffic 4,501 Type of Traffic Control Traffic signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 3,730 With 50° Number of Lanes EB - 1 Street Classification Collector Divided Median? No Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - 1/3 of segment Sidewalks? Yes Vertical Curve None Horizontal Curve None Horizontal Curve Yes - Near Stevenson Bivd Visibility Good Pavement Condition Good	Rumber of Survey Samples		טדו		
Number of Years Studied 4 Total Collisions 1 Collision Rate (ACC/MVM) 0.22 Expected Collisions (ACC/MVW) 1.46 TRAFFIC FACTORS Average Daily Traffic 4,501 Type of Traffic Control Traffic signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 3,730 With 50° Number of Lanes EB - 1 Street Classification Collector Divided Median? No Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - 1/3 of segment Sidewalks? Yes Vertical Curve None Horizontal Curve None Horizontal Curve Yes - Near Stevenson Bivd Visibility Good Pavement Condition Good					
Total Collisions 1 Collision Rate (ACC/MVM) 0.22 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 4,501 Type of Traffic Control Traffic signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 3,730 Width 50' Number of Lanes EB - 1 EB - 1 WB - 1 Street Classification Collector Divided Median? No Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - 1/3 of segment Sidewalks? Yes Driveways? Few Vertical Curve None Horizontal Curve Yes - Near Stevenson Blvd Visibility Good Pavement Condition Good			4		
Collision Rate (ACC/MVM) 0.22 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 4,501 Type of Traffic Control Traffic signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 3,730 Width 50' Number of Lanes EB - 1 WB - 1 Street Classification Collector Divided Median? No Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No Oriveways? Few Vertical Curve None Horizontal Curve Yes - Near Stevenson Blvd Visibility Good					
Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 4,501 Type of Traffic Control Traffic signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 3,730 Width 50' Number of Lanes EB - 1 Street Classification Collector Divided Median? No Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - 1/3 of segment Sidewalks? Yes Driveways? Few Vertical Curve None Horizontal Curve Yes - Near Stevenson Bivd Visibility Good			•		
TRAFFIC FACTORS Average Daily Traffic 4,501 Type of Traffic Control Traffic signal at Walnut Ave; stop sign at Capital Ave Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 3,730 Width 50' Number of Lanes EB - 1 WB - 1 Street Classification Collector Oulector Divided Median? No Designated Bike Route? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes Driveways? Few Vertical Curve None Horizontal Curve Yes - Naer Stevenson Bivd Visibility Good		\/M\			
Average Daily Traffic4,501Type of Traffic ControlTraffic signal at Walnut Ave; stop sign at Capital AvePedestrian TrafficLowTruck TrafficLowROADWAY CHARACTERISTICSLength of Segment3,730Width50'Number of LanesEB - 1Bike ClassificationCollectorDivided Median?NoDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes Near Stevenson BlvdVisibilityGoodPavement ConditionGood	Expected Comsions (ACC/M	v ivi)	1.40		
Average Daily Traffic4,501Type of Traffic ControlTraffic signal at Walnut Ave; stop sign at Capital AvePedestrian TrafficLowTruck TrafficLowROADWAY CHARACTERISTICSLength of Segment3,730Width50'Number of LanesEB - 1Bike ClassificationCollectorDivided Median?NoDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes Near Stevenson BlvdVisibilityGoodPavement ConditionGood					
Type of Traffic ControlTraffic signal at Walnut Ave; stop sign at Capital AvePedestrian TrafficLowTruck TrafficLowTruck TrafficLowROADWAY CHARACTERISTICSLength of Segment3,730Width50'Number of LanesEB - 1WB - 1Street ClassificationCollectorDivided Median?NoDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BivdVisibilityGoodPavement ConditionGood					
Pedestrian Traffic Low Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 3,730 Width 50' Number of Lanes EB - 1 WB - 1 Street Classification Collector Divided Median? No Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - 1/3 of segment Sidewalks? Yes Driveays? Few Vertical Curve None Horizontal Curve Yes - Near Stevenson Blvd Visibility Good Pavement Condition Good					
Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 3,730 Width 50' Number of Lanes EB - 1 WB - 1 Street Classification Collector Divided Median? No Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - 1/3 of segment Sidewalks? Yes Driveways? Few Vertical Curve None Horizontal Curve Yes - Near Stevenson Blvd Visibility Good		0	al at Walnut Ave; stop sign at Capital A	ve	
ROADWAY CHARACTERISTICS Length of Segment 3,730 Width 50' Number of Lanes EB - 1 WB - 1 Street Classification Collector Divided Median? No Designated Bike Route? Yes Bike Lanes? Yes Uncontrolled Crosswalks? No On-Street Parking? Yes - 1/3 of segment Sidewalks? Yes Driveways? Few Vertical Curve None Horizontal Curve Yes - Near Stevenson Blvd Visibility Good Pavement Condition Good					
Length of Segment3,730Width50'Number of LanesEB - 1WB - 1Street ClassificationCollectorDivided Median?NoDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood	Truck Traffic	Low			
Length of Segment3,730Width50'Number of LanesEB - 1WB - 1Street ClassificationCollectorDivided Median?NoDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood					
Width50'Number of LanesEB - 1WB - 1Street ClassificationCollectorDivided Median?NoDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood					
Number of LanesEB - 1WB - 1Street ClassificationCollectorDivided Median?NoDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood		,			
Street ClassificationCollectorDivided Median?NoDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood			\A/P 1		
Divided Median?NoDesignated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood					
Designated Bike Route?YesBike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood					
Bike Lanes?YesUncontrolled Crosswalks?NoOn-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood					
Uncontrolled Crosswalks?NoOn-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood	-				
On-Street Parking?Yes - 1/3 of segmentSidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood					
Sidewalks?YesDriveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood			f cogmont		
Driveways?FewVertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood	•		n segment		
Vertical CurveNoneHorizontal CurveYes - Near Stevenson BlvdVisibilityGoodPavement ConditionGood					
Horizontal Curve Yes - Near Stevenson Blvd Visibility Good Pavement Condition Good	-				
Visibility Good Pavement Condition Good			Stavenson Divid		
Pavement Condition Good			Stevenson Biva		
	-				
Aujacent Land Use INOn-tronting residential, commercial, office, and school			a maintain a management of the second		
	Adjacent Land Use	Non-frontin	ng residential, commercial, office, and so	CNOOL	

<u>COMMENTS</u> The 85th-percentile speed of 31.4 mph indicates a 30 mph speed limit. The 10 mph pace ranges from 24 mph to 33 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 30 mph.



STREET: Lowry Road FROM: Alvarado Bouleva	ırd		SUR TO:	VEY DATE: City Limits	3/3/201	5
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		4081 Lowry Rd. 11:05 AM - 12:05 PM 33.0 mph 38.6 mph 29 - 38 mph 67.9% 187	Recor Speec	d Speed Limit nmended Spee I Limit Change I Justification		40 mph 40 mph No 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.46				
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	10,238 Stop sign a Low Low	it Alvarado Blvd				
ROADWAY CHARACTER Length of Segment Width Number of Lanes	2,975 40' NB - 1	SB - 1				
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Collector No No No No					
On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	Yes - Disco Yes - On e Few No No	ontinuous on east side ast side				
Visibility Pavement Condition Adjacent Land Use	Good Good Fronting ar	nd non-fronting residential, pa	urk, church, and sc	hool		

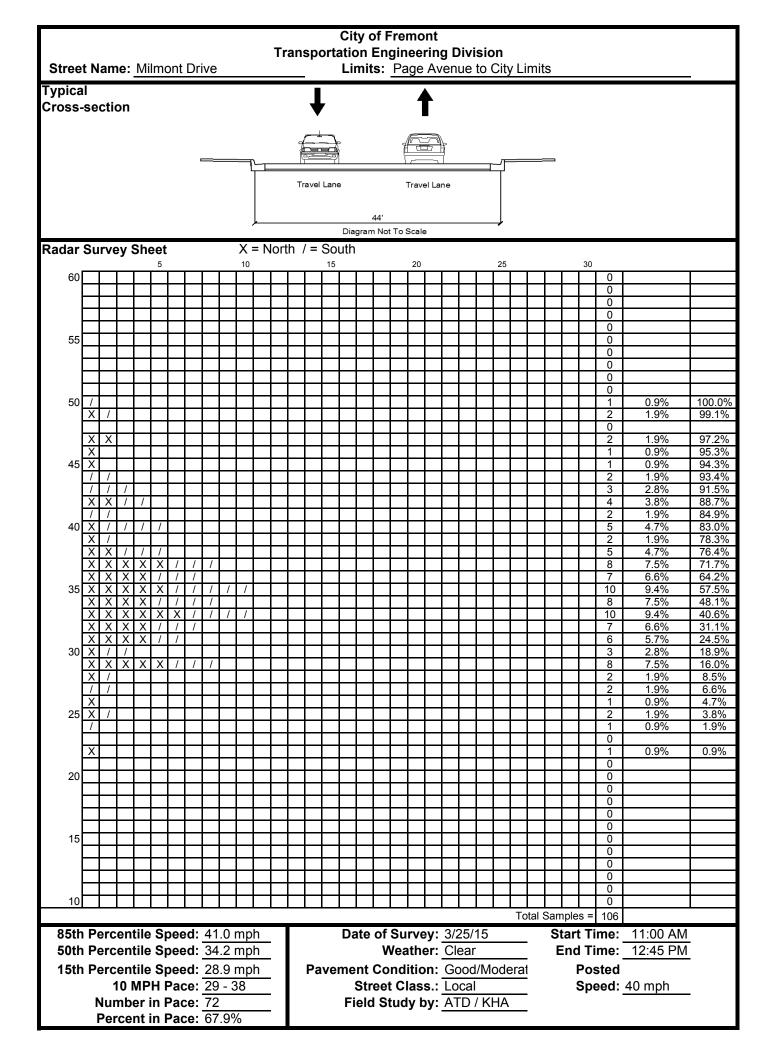
<u>COMMENTS</u> The 85th-percentile speed of 38.6 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 29 mph to 38 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 40 mph.



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STREET:Milmont DriveFROM:Page Avenue			-	URVEY O:	DATE: City Limits	3/25/20	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean Speed) 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pace Number of Survey Samples		48501 Milmont Dr 11:00 AM - 12:45 PM 34.2 mph 41.0 mph 29 - 38 mph 67.9% 106	R S	ecomme peed Lim	eed Limit nded Spe it Change tification	ed Limit	40 mph 40 mph No 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.46					
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	2,066 Traffic sign Low Moderate	al at Kato Rd					
ROADWAY CHARACTER Length of Segment Width	RISTICS 4,613 44'						
Number of Lanes Street Classification Divided Median? Designated Bike Route?	NB - 1 Local No No	SB - 1					
Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	No No No Yes - On w	vest side					
Driveways? Vertical Curve Horizontal Curve Visibility	Few None None Good						
Pavement Condition Adjacent Land Use	Good/Mode Office and	erate South of Kato Rd industrial					

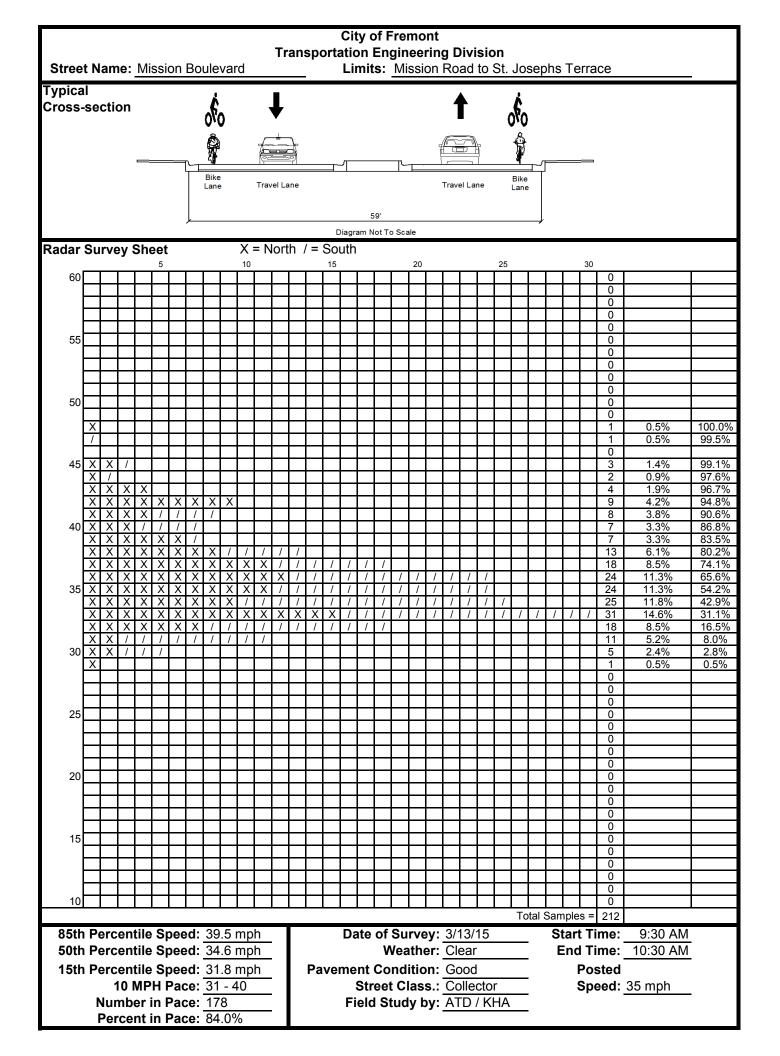
<u>COMMENTS</u> The 85th-percentile speed of 41.0 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 29 mph to 38 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 40 mph.



STREET:	Mission Boulevar	d		SURV	EY DATE: 3/13/2	2015
FROM:	Mission Road	ŭ		TO:	St. Josephs Terrad	
	WISSION Road			10.		
SPEED DA	ТА					
	Speed Survey		42812 Mission Blvd	Posted	Speed Limit	35 mph
Time of Spe			9:30 AM - 10:30 AM		mended Speed Lim	
-	tile Speed (Mear	(beed)	34.6 mph		Limit Change	No
85th Percent			39.5 mph		Justification	85th-percentile speed
10 mph Pace	•		31 - 40 mph			rounded down per CVC
	of Vehicles in Pa	ace	84.0%			Section 24100(b)
Number of S	urvey Samples		212			
	<u>N HISTORY</u>					
Number of Y	ears Studied		4			
Total Collisi			0			
	te (ACC/MVM)		0.00			
Expected Co	ollisions (ACC/M	VM)	1.55			
TRAFFIC F						
Average Dai		14,185				
Type of Traf		0	al at Mission Rd			
Pedestrian T		Low				
Truck Traffic	j	Low				
	CHARACTE					
Length of Se		1910'				
Width	ginent	59'				
Number of L	anes	NB - 1	SB - 1			
Street Class		Collector				
Divided Med	lian?	Two-way le	eft-turn lane			
Designated	Bike Route?	Yes				
Bike Lar	nes?	Yes				
Uncontrolle	d Crosswalks?	No				
On-Street Pa	arking?	Yes				
Sidewalks?		Yes - Disc	ontinuous			
Driveways?		Few				
Vertical Curv	-	None				
Horizontal C	urve	None				
Visibility		Good				
Pavement C		Good				
Adjacent La	nd Use	Commerci	al, fronting residential, non-fro	nting residential, a	nd school	

<u>COMMENTS</u> The 85th-percentile speed of 39.5 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 31 mph to 40 mph and the suggested speed limit falls within this range. The collision rate for this segment is below the expected rate. Based on CVC Section 21400(b), the 85thpercentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 35 mph.

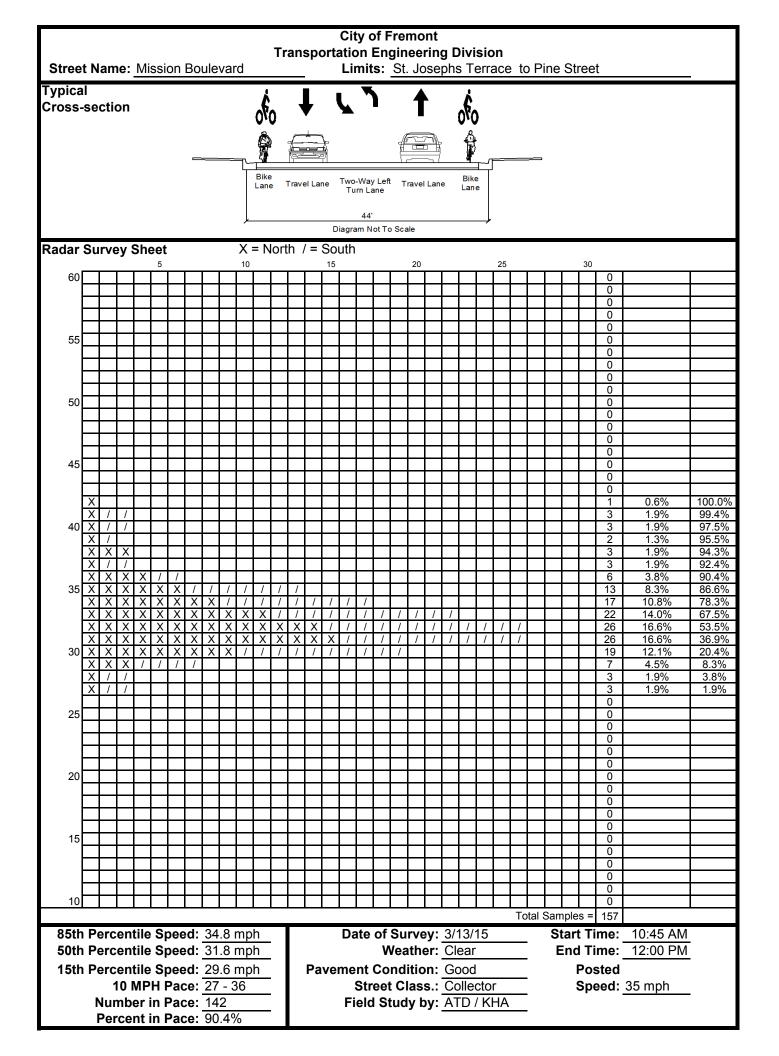
Approved and Authorized for release by City of Fremont, CA:



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STREET:Mission BoulevarFROM:St. Josephs Terra			SURVEY DATE:3/13/20TO:Pine Street)15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean Speed) 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pace Number of Survey Samples		43342 Mission Blvd 10:45 AM - 12:00 PM 31.8 mph 34.8 mph 27 - 36 mph 90.4% 157	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	35 mph 35 mph No 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 4 0.28 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	15,490 Traffic sign Moderate Low	als at Washington Blvd and Pine St		
ROADWAY CHARACTEI Length of Segment Width Number of Lanes	3,374 44' NB - 1	SB -1		
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Yes Yes At Cedar S	eft-turn lane		
On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	Yes Yes - Cont Few None None	inuous		
Visibility Pavement Condition Adjacent Land Use	Good Good Commercia	al, Ohlone College, school, and office		

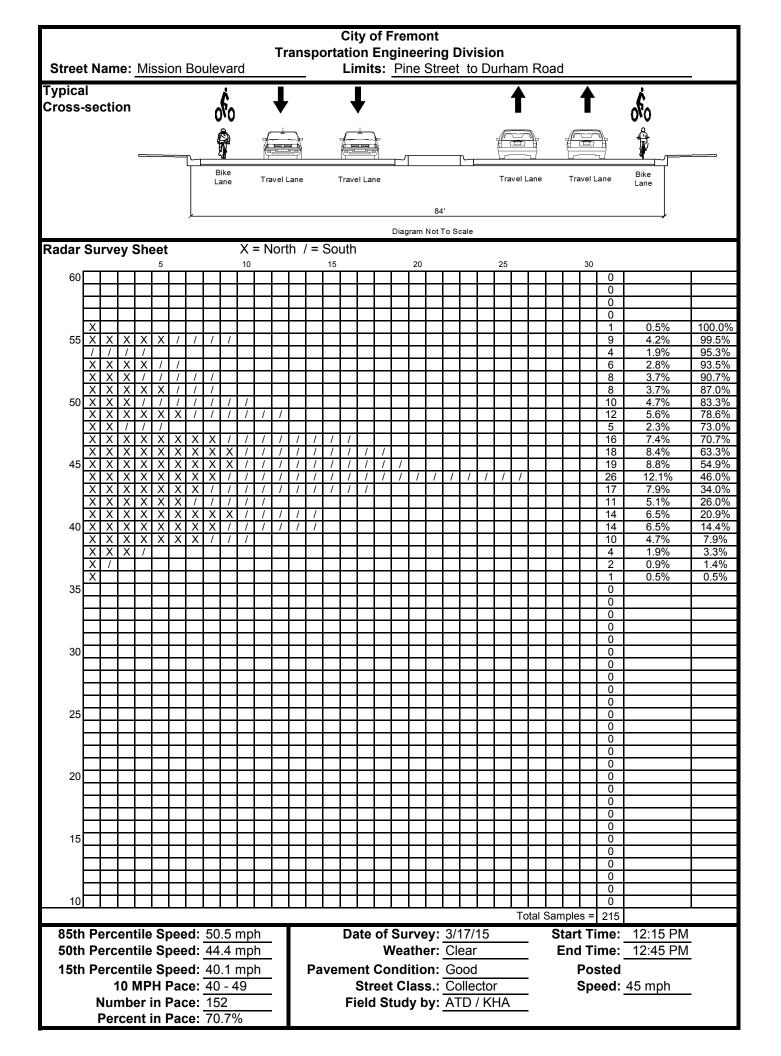
COMMENTS The 85th-percentile speed of 34.8 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.



CITY OF FREMONT 83 ENGINEERING AND TRAFFIC SURVEY STREET: Mission Boulevard SURVEY DATE: 3/17/2015 FROM: Pine Street TO: Durham Road SPEED DATA Location of Speed Survey Mission Blvd - 500 ft North of Montclaire Dr **Posted Speed Limit** 45 mph Recommended Speed Limit 45 mph Time of Speed Survey 12:15 PM - 12:45 PM 50th Percentile Speed (Mean Speed) **Speed Limit Change** No 44.4 mph 85th Percentile Speed Speed Justification 85th-percentile speed 50.5 mph downgraded due to pace 10 mph Pace Speed 40 - 49 mph and to be within 10 mph Percentage of Vehicles in Pace 70.7% of adjacent segments **Number of Survey Samples** 215 **COLLISION HISTORY** Number of Years Studied 4 **Total Collisions** 3 Collision Rate (ACC/MVM) 0.14 Expected Collisions (ACC/MVM) 1.55 TRAFFIC FACTORS **Average Daily Traffic** 17,248 Type of Traffic Control Traffic signals at Pine St, Hunter Ln, and Durham Rd Pedestrian Traffic I ow Truck Traffic Low **ROADWAY CHARACTERISTICS** Length of Segment 4602' Width 84' Number of Lanes NB - 2 SB - 2 Street Classification Collector **Divided Median?** Yes **Designated Bike Route?** Yes **Bike Lanes?** Yes Uncontrolled Crosswalks? No **On-Street Parking?** No Yes - Continuous Sidewalks? **Driveways?** Few Vertical Curve Yes - Between Hunter and Durham **Horizontal Curve** None Visibilitv Good **Pavement Condition** Good **Adjacent Land Use** Non-fronting residential and cemetery

COMMENTS

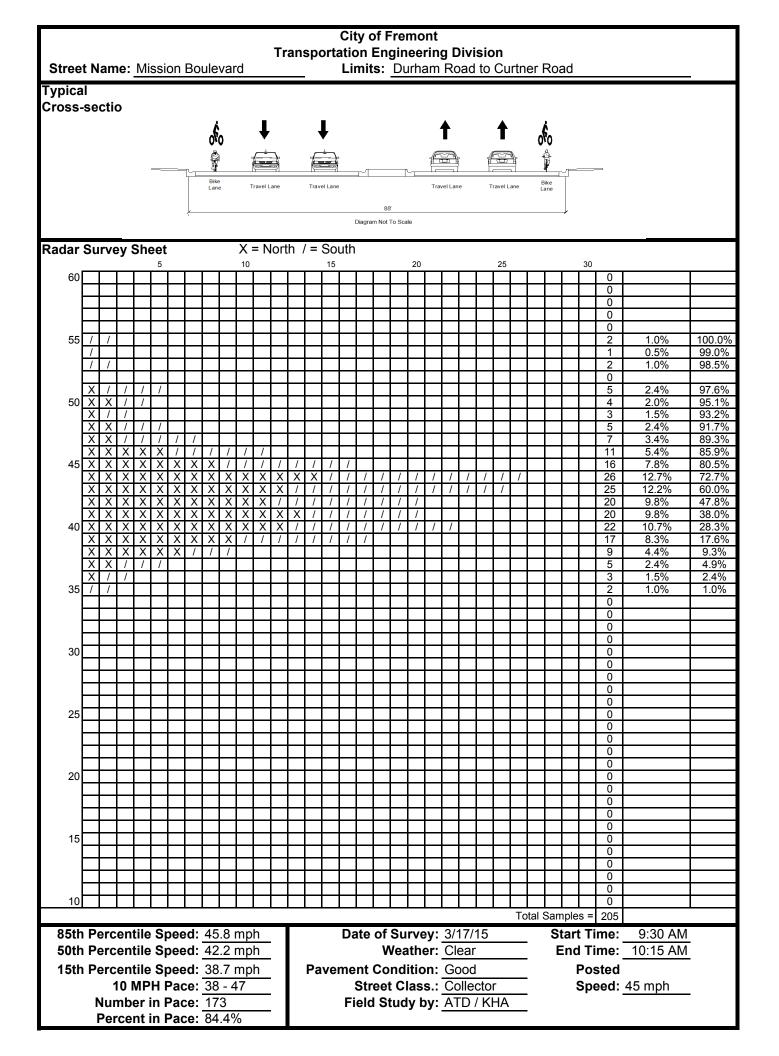
The 85th-percentile speed of 50.5 mph indicates a 50 mph speed limit. The 10 mph pace ranges from 40 mph to 49 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Due to the pace speed and to maintain a speed limit within 10 mph of adjacent segments, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the posted speed limit remains at 45 mph, based upon downgrading the 85th-percentile indicated speed of 50 mph by 5 mph.



84

STREET: Mission Boulevar FROM: Durham Road	d		SURVEY DATE: 3/17/20 TO: Curtner Road	15
SPEED DATA				
Location of Speed Survey	Mission Bly	d - 600 Ft S. of Grimmer Blvd Signal	Posted Speed Limit	45 mph
Time of Speed Survey	101331011 D10	9:30 AM - 10:15 AM	Recommended Speed Limit	
50th Percentile Speed (Mean	Speed)	42.2 mph	Speed Limit Change	No
85th Percentile Speed	Speed)		Speed Justification	85th-percentile speed
10 mph Pace Speed		45.8 mph	Speed Justification	ostii-percentile speed
Percentage of Vehicles in Pa		38 - 47 mph 84.4%		
Number of Survey Samples	ice	205		
Number of Survey Samples		205		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		4 0		
Collision Rate (ACC/MVM) Expected Collisions (ACC/M		0.00		
Expected Collisions (ACC/M	V IVI)	1.55		
TRAFFIC FACTORS				
Average Daily Traffic	15,863			
Type of Traffic Control	Traffic sign	als at Durham Rd, Grimmer Blvd, Stan	ford Ave, and Paseo Padre Pkwy	
Pedestrian Traffic	Moderate			
Truck Traffic	Low			
ROADWAY CHARACTER				
Length of Segment	6027'			
Width	88'			
Number of Lanes	NB - 2	SB - 2		
Street Classification	Collector			
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	Yes - Conti	nuous		
Driveways?	None			
Vertical Curve	Yes - North	of Antelope/Grimmer		
Horizontal Curve	None	-		
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Non-frontin	g residential		
-		-		

<u>COMMENTS</u> The 85th-percentile speed of 45.8 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 38 mph to 47 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 45 mph.



STREET: Mowry Avenue			SURVEY DATE: 3/10/20	15
FROM: Peralta Boulevar	d		TO: Paseo Padre Parkw	ay
				<u> </u>
SPEED DATA				
Location of Speed Survey		2290 Mowry Ave	Posted Speed Limit	40 mph
Time of Speed Survey		9:50 AM - 10:50 AM	Recommended Speed Limit	35 mph
50th Percentile Speed (Mea	n Speed)	32.6 mph	Speed Limit Change	Yes
85th Percentile Speed		37.4 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		29 - 38 mph		
Percentage of Vehicles in P	ace	70.8%		
Number of Survey Samples		219		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		3		
Collision Rate (ACC/MVM)		0.07		
Expected Collisions (ACC/N	IVM)	1.55		
TRAFFIC FACTORS				
Average Daily Traffic	36,050			
Type of Traffic Control	Traffic sigr	nals at Peralta Blvd, Parkside Dr	, Civic Center Dr, Paseo Padre Pkwy	
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTE	<u>RISTICS</u>			
Length of Segment	4221'			
Width	109'			
Number of Lanes	NB - 3	SB - 3		
Street Classification	Arterial			
Divided Median?	Yes			
Designated Bike Route?	Yes			

COMMENTS

Bike Lanes?

On-Street Parking?

Sidewalks? **Driveways?**

Visibilitv

Vertical Curve

Horizontal Curve

Pavement Condition

Adjacent Land Use

Uncontrolled Crosswalks?

The 85th-percentile speed of 37.4 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 29 mph to 38 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be reduced to 35 mph.

Non-fronting residential, apartments, Medical Center, church, and BART

Approved and Authorized for release by City of Fremont, CA:

Yes

No

No

Few

None

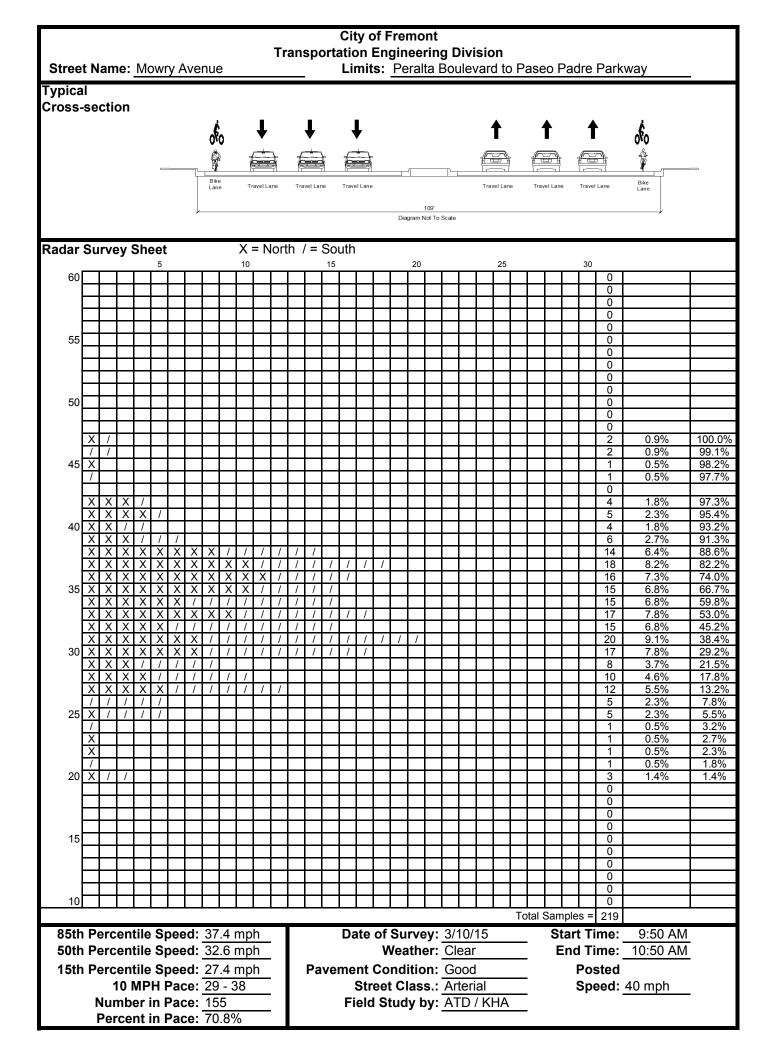
Good

Good

Yes - Continuous

Yes - between Peralta Blvd and Waterside Cir

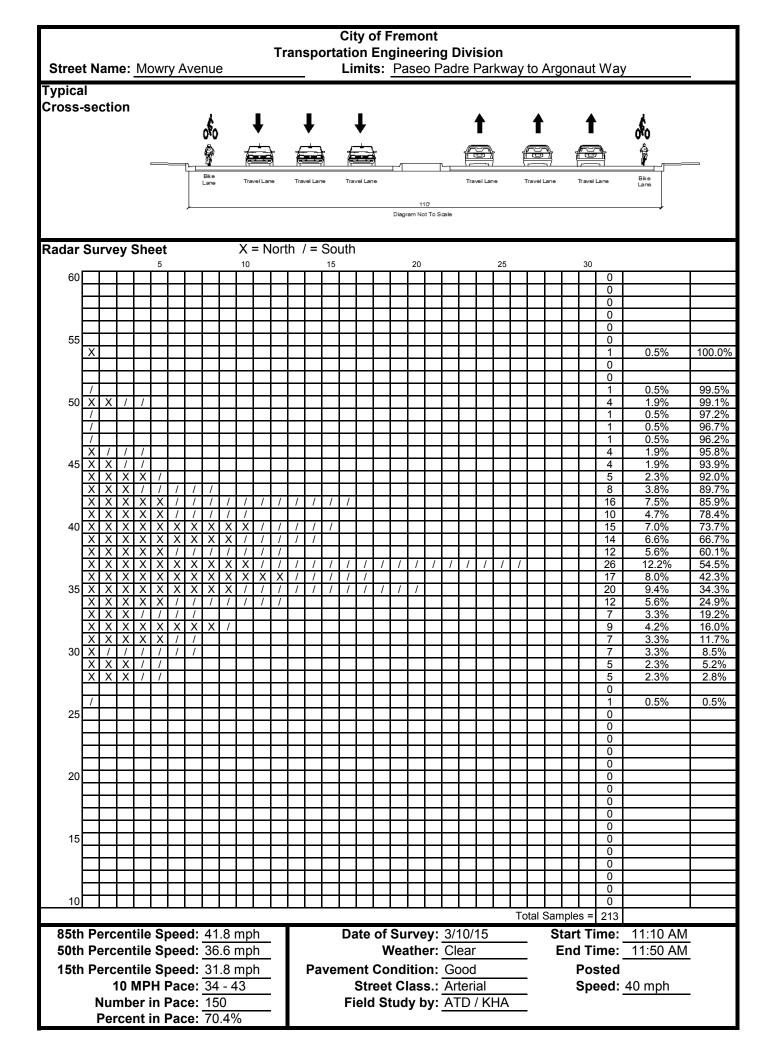
Date



86

STREET:Mowry AvenueFROM:Paseo Padre Par	ƙway		SURVEY DATE: 3/10/20 TO: Argonaut Way	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		3370 Mowry Ave 11:10 AM - 11:50 AM 36.6 mph 41.8 mph 34 - 43 mph 70.4% 213	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	40 mph 40 mph No 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M TRAFFIC FACTORS	IVM)	4 11 0.28 1.55		
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	35,600 Traffic sigr Low Low	nals at Paseo Padre Pkwy, Hasting	is St, State St, Fremont Blvd, and Argo	naut Wy
ROADWAY CHARACTE	RISTICS			
Length of Segment	4026'			
Width	110'			
Number of Lanes	NB - 3	SB - 3		
Street Classification	Arterial			
Divided Median?	Yes			
Designated Bike Route?	Yes			
	103			
Bike Lanes?	Yes			
Bike Lanes? Uncontrolled Crosswalks?				
	Yes			
Uncontrolled Crosswalks?	Yes No	inuous		
Uncontrolled Crosswalks? On-Street Parking?	Yes No No	inuous		
Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	Yes No No Yes - Cont	inuous		
Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	Yes No No Yes - Cont Few	inuous		
Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve	Yes No No Yes - Cont Few None	inuous		
Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	Yes No No Yes - Cont Few None None	inuous		

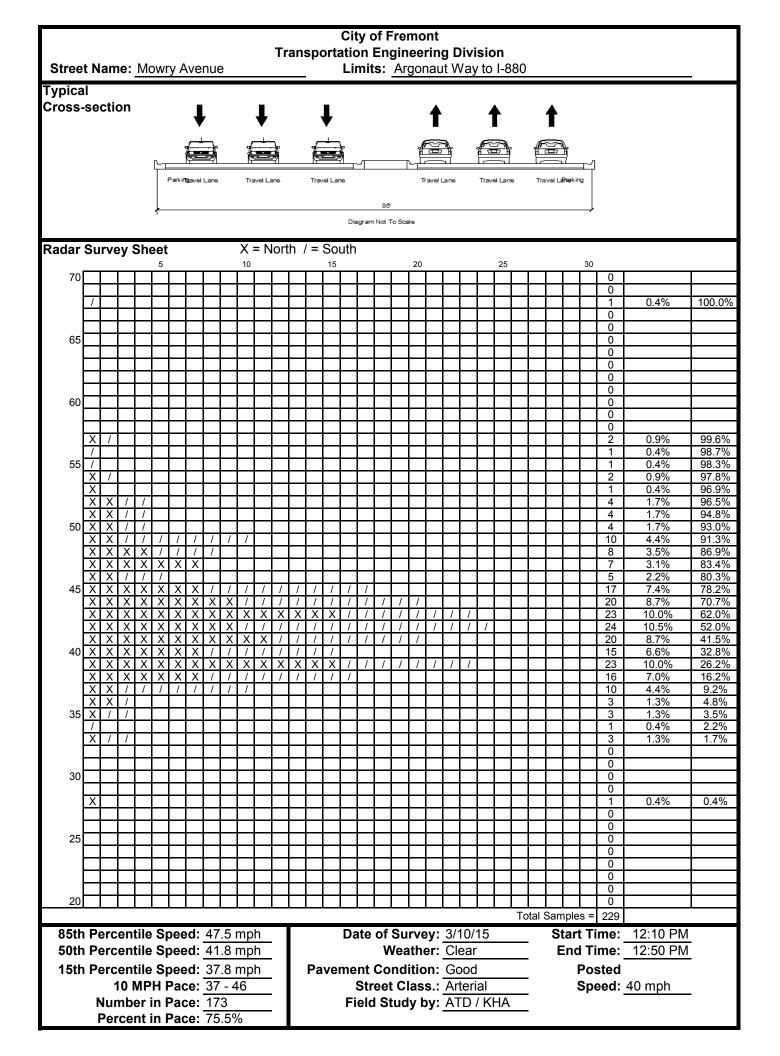
<u>COMMENTS</u> The 85th-percentile speed of 41.8 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 34 mph to 43 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 40 mph.



STREET: Mowry Avenue			SURVEY DATE: 3/10/20	15
FROM: Argonaut Way			TO: I-880	
SPEED DATA				
Location of Speed Survey		4633 Mowry Ave	Posted Speed Limit	40 mph
Time of Speed Survey		12:10 PM - 12:50 PM	Recommended Speed Limit	45 mph
50th Percentile Speed (Mear	n Speed)	41.8 mph	Speed Limit Change	Yes
85th Percentile Speed		47.5 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		37 - 46 mph		
Percentage of Vehicles in Pa	ace	75.5%		
Number of Survey Samples		229		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		11		
Collision Rate (ACC/MVM)		0.14		
Expected Collisions (ACC/M	IVM)	1.55		
TRAFFIC FACTORS				
Average Daily Traffic	42,220			
Type of Traffic Control	Traffic sig	nals at I-880 NB ramps, I-880 SB ramp	s, Blacow Rd, Glenview Dr, Logan	Dr, and Argonaut Way
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTE	RISTICS			
Length of Segment	6882'			
Width	86'			
Number of Lanes	NB - 3	SB - 3		
Street Classification	Arterial			
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	No			
Driveways?	Few			
Vertical Curve	None			
Horizontal Curve	None			
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Non-fronti	ng residential and commercial		

COMMENTS The 85th-percentile speed of 47.5 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.

Approved and Authorized for release by City of Fremont, CA:

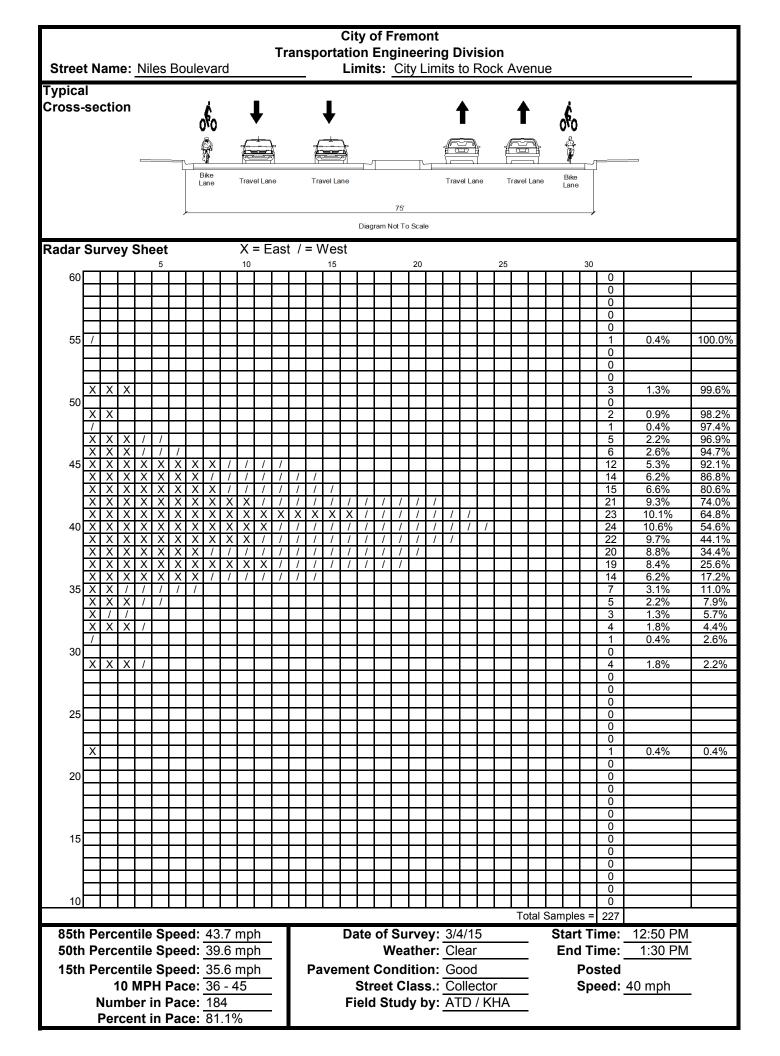


STREET:Niles BoulevardFROM:City Limits			SURVEY DATE: 3/4/201 TO: Rock Avenue	5
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		35855 Niles Blvd 12:50 PM - 1:30 PM 39.6 mph 43.7 mph 36 - 45 mph 81.1% 227	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	40 mph 40 mph No 85th-percentile rounded down per CVC Section 21400(b)
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	16,217 None Low Low			
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route?	RISTICS 3,236 75' EB - 1 Collector No Yes	WB - 1		
Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility	No Yes - Disc Few	ll Ave, Linda Dr, and Rock Ave ontinuous h of City Limit		
Pavement Condition Adjacent Land Use	Good Fronting a	nd non-fronting residential and scho	pol	

COMMENTS

The 85th-percentile speed of 43.7 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 36 mph to 45 mph and the suggested speed limit falls within this range. The collision rate for this segment is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 40 mph.

Approved and Authorized for release by City of Fremont, CA:

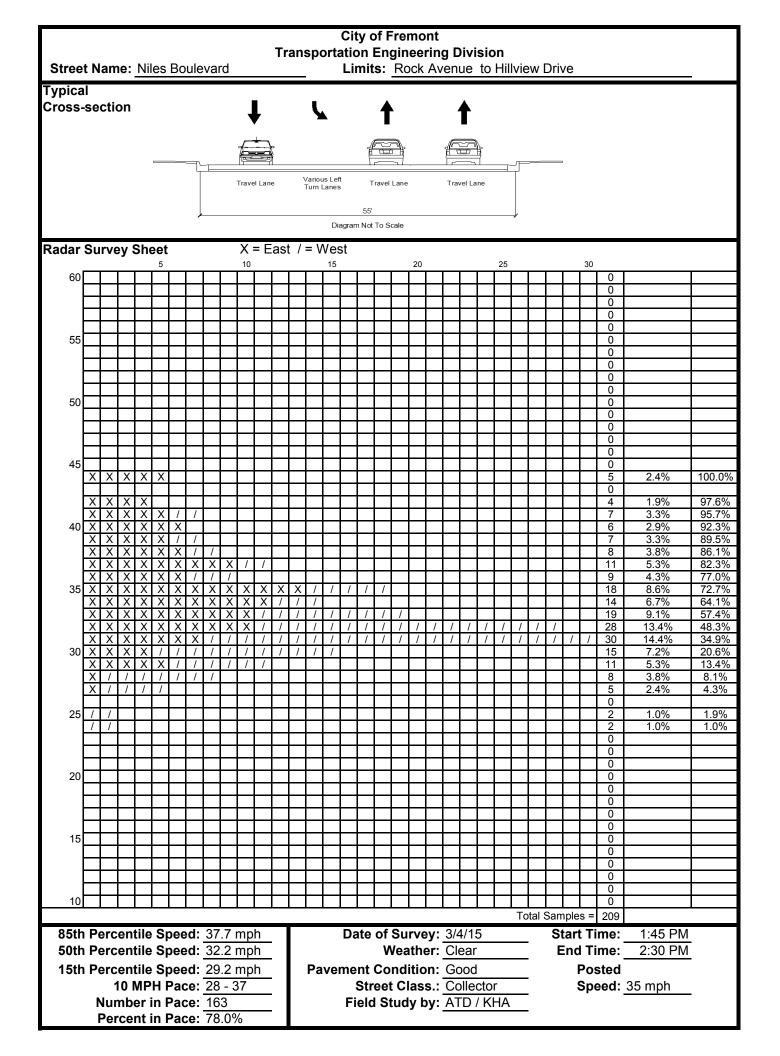


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STREET:Niles BoulevardFROM:Rock Avenue			SURVEY TO:	DATE: 3/4/201 Hillview Drive	5
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		36350 Niles Blvd 1:45 PM - 2:30 PM 32.2 mph 37.7 mph 28 - 37 mph 78.0% 209		nded Speed Limit nit Change	35 mph 35 mph No 85th-percentile rounded down per CVC Section 21400(b)
COLLISION HISTORY Number of Years Studied		4			
Total Collisions		0			
Collision Rate (ACC/MVM)		0.00			
Expected Collisions (ACC/M	VM)	1.99			
· · · · · ·	,				
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic	18,612 Traffic sign Low	al at Nursery Ave			
Truck Traffic	Low				
ROADWAY CHARACTED Length of Segment Width Number of Lanes Street Classification Divided Median?	2,379 55' EB - 1/2 Collector No	WB - 1/2			
Designated Bike Route?	Yes				
Bike Lanes?	Yes				
Uncontrolled Crosswalks?	At Hillview	Dr and Rancho Arroyo Pkwy			
On-Street Parking?	Yes				
Sidewalks?	Yes- Contir	nuous			
Driveways?	Many				
Vertical Curve	None				
Horizontal Curve	None				
Visibility	Good				
Pavement Condition	Good				
Adjacent Land Use	Non-frontin	g residential			

COMMENTS

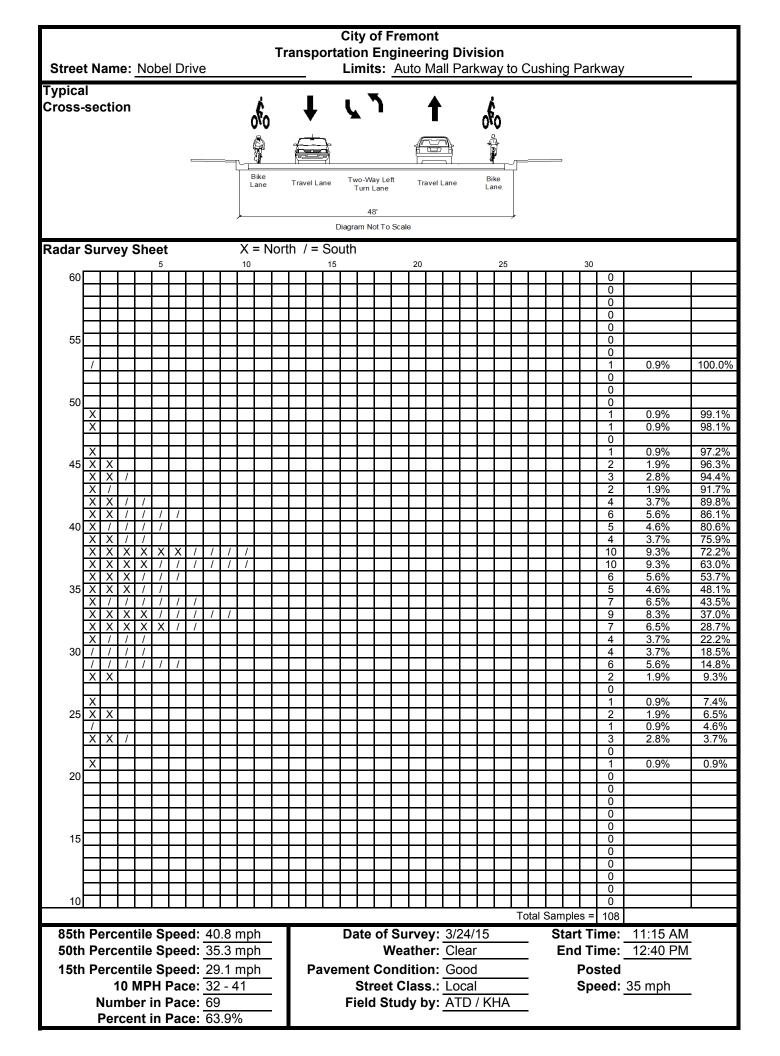
The 85th-percentile speed of 37.7 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 28 mph to 37 mph and the suggested speed is above this range. The collision rate for this segment is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 35 mph.



90

STREET: Nobel Drive FROM: Auto Mall Parkwa	ay		SURVEY DATE: 3/24/20 TO: Cushing Parkway	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		44235 Nobel Dr 11:15 AM - 12:40 PM 35.3 mph 40.8 mph 32 - 41 mph 63.9% 108	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	35 mph 40 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	2,035 Traffic sigr Moderate Low	nal at Cushing Pkwy; stop sign at Auto N	1all Pkwy	
ROADWAY CHARACTEI Length of Segment Width Number of Lanes Street Classification	RISTICS 2680' 48' NB - 1 Local	SB - 1		
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	No No No No Yes			
Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility	Good	ontinuous h of Cushing Pkwy		
Pavement Condition Adjacent Land Use	Good Office			

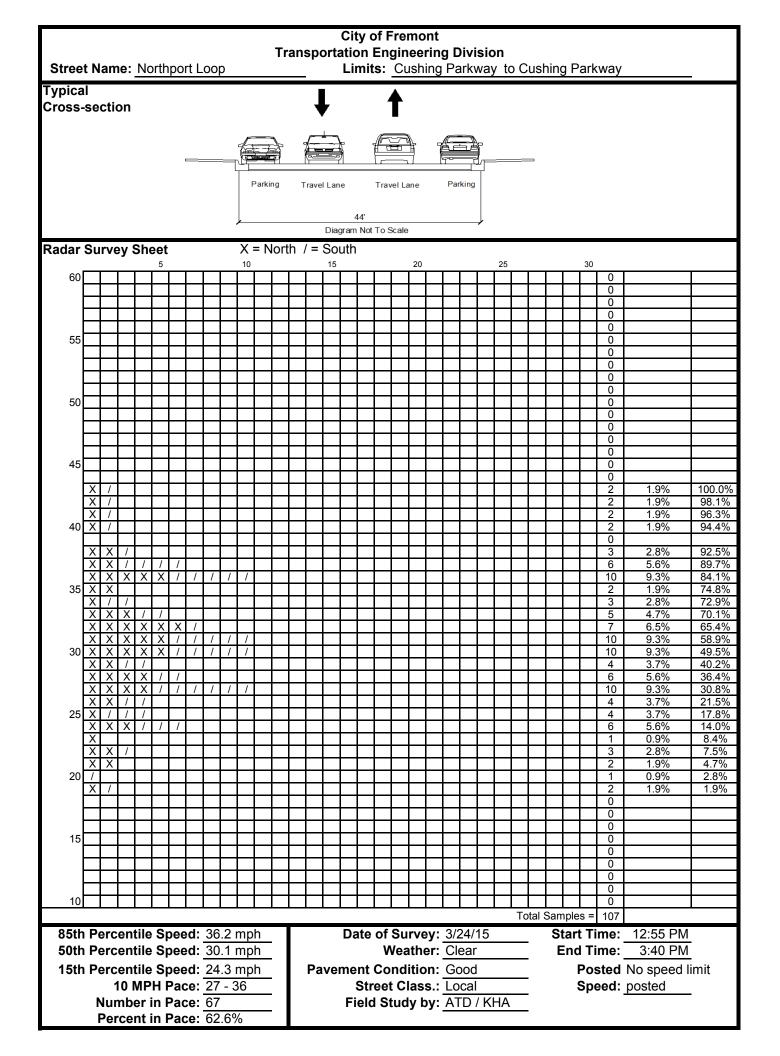
COMMENTS The 85th-percentile speed of 40.8 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 32 mph to 41 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.



STREET: Northport Loop			SURVEY DATE	3/24/20)15
FROM: Cushing Parkway	/		TO: Cushing	Parkway	
SPEED DATA					
Location of Speed Survey		45541 Northport Loop	Posted Speed Lin		No speed limit posted
Time of Speed Survey		12:55 PM - 3:40 PM	Recommended S		35 mph
50th Percentile Speed (Mear	n Speed)	30.1 mph	Speed Limit Chan	-	
85th Percentile Speed		36.2 mph	Speed Justification	n	85th-percentile speed
10 mph Pace Speed		27 - 36 mph			
Percentage of Vehicles in Pa	ace	62.6%			
Number of Survey Samples		107			
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		1			
Collision Rate (ACC/MVM)		1.18			
Expected Collisions (ACC/M	VM)	1.46			
TRAFFIC FACTORS					
Average Daily Traffic	894				
Type of Traffic Control	Traffic sig	nal at Cushing Pkwy (W) and Cusł	ning Pkwy (E)		
Pedestrian Traffic	Low				
Truck Traffic	Low				
ROADWAY CHARACTER	<u>RISTICS</u>				
Length of Segment	3420'				
Width	44'				
Number of Lanes	NB - 1	SB - 1			
Street Classification	Local				
Divided Median?	No				
Designated Bike Route?	No				
Bike Lanes?	No				
Uncontrolled Crosswalks?	No				
On-Street Parking?	Yes - East	of Northport Ct			
Sidewalks?	Yes - Disc	ontinuous			
Driveways?	Many				
Vertical Curve	None				
Horizontal Curve	Yes - At N	lorthport Ct			
Visibility	Good				
Pavement Condition	Good				
Adjacent Land Use	Office				

COMMENTS The 85th-percentile speed of 36.2 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit is 35 mph.

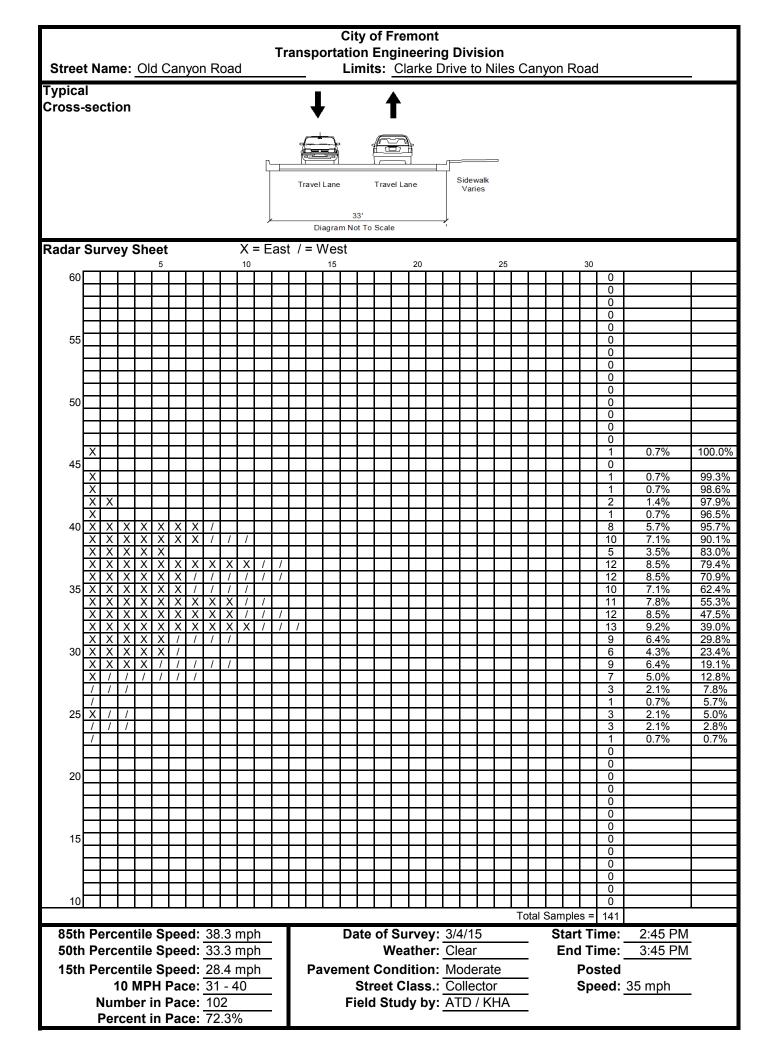
Approved and Authorized for release by City of Fremont, CA:



				••••	
STREET: Old Canyon Road	d		SURV	EY DATE: 3/4/201	5
FROM: Clarke Drive			TO:	Niles Canyon Road	•
				Nileo Gariyon Koda	
SPEED DATA					
Location of Speed Survey		585 Old Canyon Rd	Posted	Speed Limit	35 mph
Time of Speed Survey		2:45 PM - 3:45 PM		mended Speed Limit	•
50th Percentile Speed (Mear	n Speed)	33.3 mph	Speed	Limit Change	No
85th Percentile Speed	• •	38.3 mph		Justification	85th-percentile speed
10 mph Pace Speed		31 - 40 mph	-		rounded down per CVC
Percentage of Vehicles in Pa	ace	72.3%			Section 21400(b)
Number of Survey Samples		141			
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		0			
Collision Rate (ACC/MVM)		0.00			
Expected Collisions (ACC/M	VM)	1.46			
TRAFFIC FACTORS					
Average Daily Traffic	2 000				
Type of Traffic Control	2,988 Stop sign	at Niloa Canvan Dd			
Pedestrian Traffic	Low	at Niles Canyon Rd			
Truck Traffic	Low				
	LOW				
ROADWAY CHARACTE	RISTICS				
Length of Segment	1932'				
Width	33'				
Number of Lanes	EB - 1	WB - 1			
Street Classification	Collector				
Divided Median?	No				
Designated Bike Route?	No				
Bike Lanes?	No				
Uncontrolled Crosswalks?	No				
On-Street Parking?	No				
Sidewalks?		ontinuous on east side			
Driveways?	Few				
Vertical Curve	None				
Horizontal Curve		t of Clarke Dr			
Visibility	Good				
Pavement Condition	Moderate				
Adjacent Land Use	Non-fronti	ng residential, apartments, a	and Alameda Creek		

<u>COMMENTS</u> The 85th-percentile speed of 38.3 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 31 mph to 40 mph and the suggested speed limit falls within this range. The collision rate for this segment is below the expected rate. Based on CVC Section 21400(b), the 85thpercentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 35 mph.

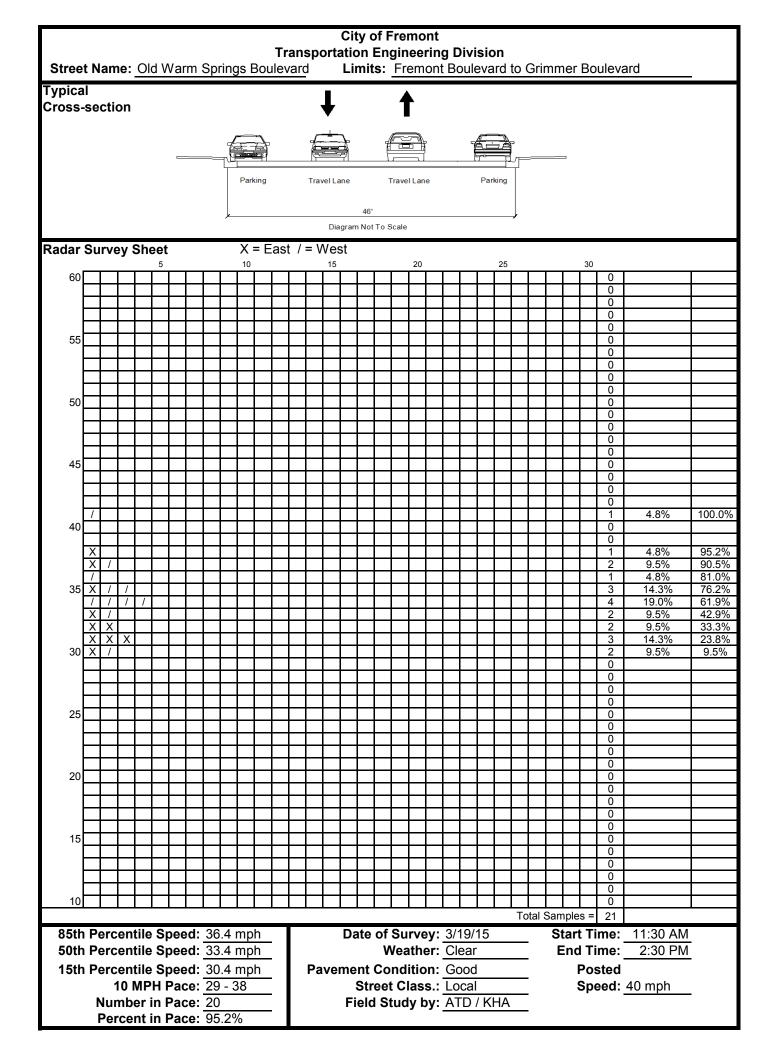
Approved and Authorized for release by City of Fremont, CA:



STREET: OI	d Warm Springs Boulevard		SURVEY	DATE: 3/19/20	15
FROM: Fr	emont Boulevard		TO:	Grimmer Boulevard	
-			_		
SPEED DATA	١				
Location of Spe		44387 Old Warm Springs Blvd	Posted Sp	eed Limit	40 mph
Time of Speed S		11:30 AM - 2:30 PM		nded Speed Limit	35 mph
•	Speed (Mean Speed)	33.4 mph		nit Change	Yes
85th Percentile	• • • •	36.4 mph	Speed Jus		85th-percentile speed
10 mph Pace Sp	-	29 - 38 mph	•		
	/ehicles in Pace	95.2%			
Number of Surv	vey Samples	21			
COLLISION H	<u>IISTORY</u>				
Number of Year	rs Studied	4			
Total Collisions	5	0			
Collision Rate (,	0.00			
Expected Collis	sions (ACC/MVM)	1.46			
TRAFFIC FAC	CTORS				
Average Daily T	raffic 3,767				
Type of Traffic	Control Traffic sign	nal at Grimmer Blvd; stop sign at F	remont Blvd		
Pedestrian Traf	fic Low				
Truck Traffic	Moderate				
	HARACTERISTICS				
Length of Segm					
Width	46'				
Number of Lane		WB - 1			
Street Classific					
Divided Median					
Designated Bik					
Bike Lanes					
Uncontrolled C					
On-Street Parki	•				
Sidewalks?	Yes - Cont	inuous			
Driveways?	Many				
Vertical Curve	None				
Horizontal Curv		of Fremont Blvd			
Visibility	Good				
Pavement Conc		industrial			
Adjacent Land					

COMMENTS The 85th-percentile speed of 36.4 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 29 mph to 38 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit is reduced to 35 mph.

Approved and Authorized for release by City of Fremont, CA:



STREET:	Osgood Road			SURVEY	DATE: 3/11/20	15
FROM:	Washington Boule	ward			Auto Mall Parkway	
	Washington Dould	svalu		10.	Auto Mail Larkway	
SPEED DA	ТА					
	Speed Survey		42972 Osgood Road	Posted Sp	eed Limit	40 mph
Time of Spee	•		10:05 AM - 11:05 AM		nded Speed Limit	
	tile Speed (Mean	Speed)	42.6 mph	Speed Lim	-	Yes
85th Percent			48.8 mph	Speed Jus	-	85th-percentile speed
10 mph Pace			37 - 46 mph			rounded down per CVC
	of Vehicles in Pa	се	68.0%			Section 21400(b)
	Survey Samples		228			
COLLISIO	N HISTORY					
	ears Studied		4			
Total Collisio	ons		6			
Collision Rat	te (ACC/MVM)		0.14			
	ollisions (ACC/M	VM)	1.55			
	•	•				
TRAFFIC F	ACTORS					
Average Dail		19,633				
Type of Traf		-	nals at Washington Blvd, Blacow Rd, a	nd Auto Mall P	'kwy	
Pedestrian T		Low	G <i>i i i</i>		,	
Truck Traffic	•	Low				
ROADWAY	CHARACTER	RISTICS				
Length of Se	egment	7753'				
Width	-	68'				
Number of L	anes	NB - 2	SB - 2			
Street Class	ification	Collector				
Divided Med	lian?	Yes - Two-	-way left turn lane south of Blacow Rd			
Designated I	Bike Route?	Yes				
Bike Lan	nes?	Yes				
Uncontrolled	d Crosswalks?	No				
On-Street Pa	arking?	No				
Sidewalks?		Yes				

COMMENTS

Driveways?

Visibilitv

Vertical Curve

Horizontal Curve

Pavement Condition

Adjacent Land Use

The 85th-percentile speed of 48.8 mph indicates a 50 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit be increased to 45 mph.

Approved and Authorized for release by City of Fremont, CA:

Few

Good

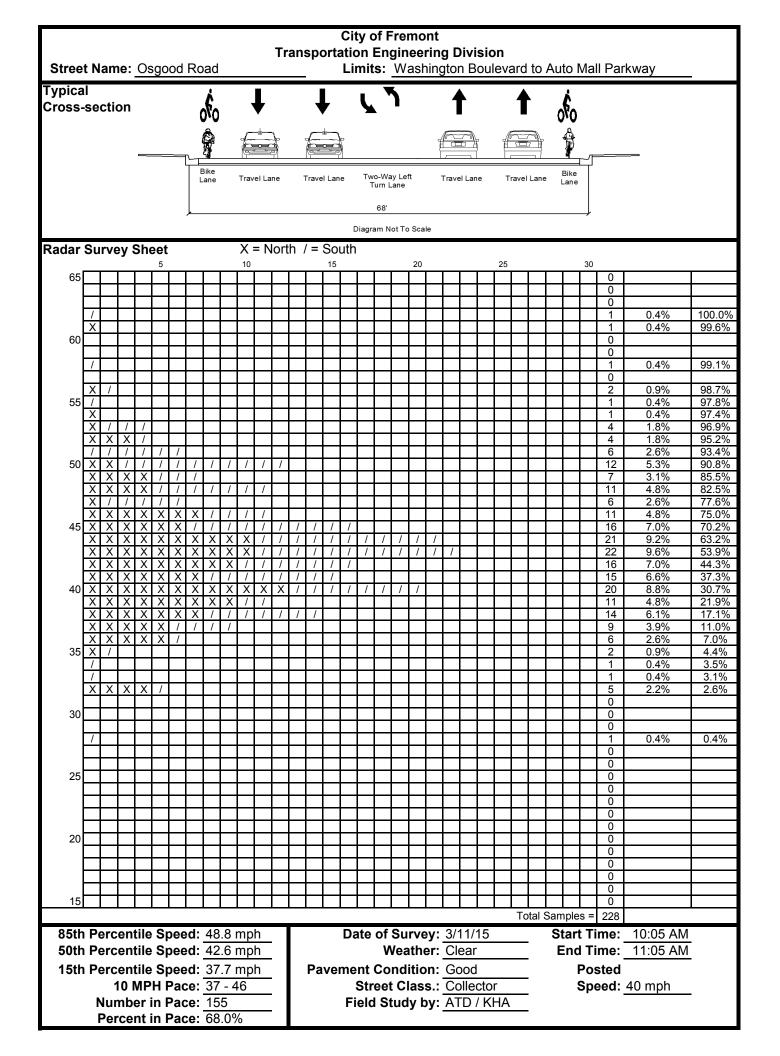
Good

Yes - At Washington Blvd

Yes - South of Washington Blvd

Fronting residential, office, and commercial

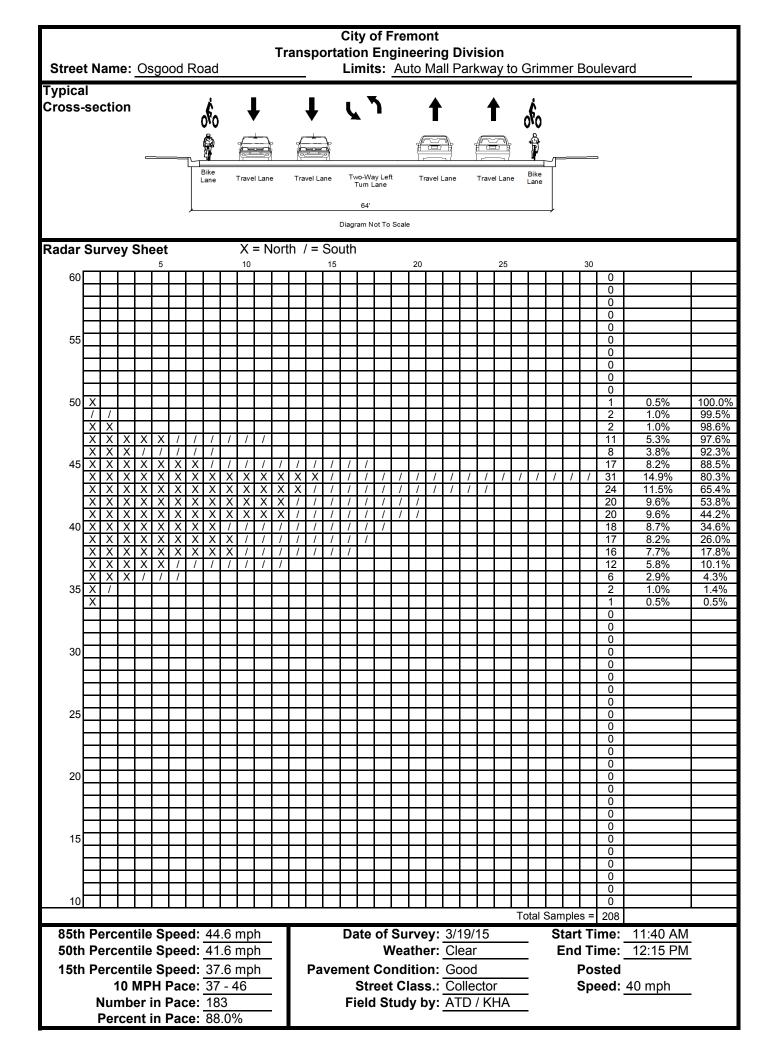
Date



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STREET: Osgood Road FROM: Auto Mall Parkwa	ау		SURVEY DATE: 3/19/20 TO: Grimmer Boulevard	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		44320 Osgood Rd 11:40 AM - 12:15 PM 41.6 mph 44.6 mph 37 - 46 mph 88.0% 208	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	40 mph 45 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 3 0.19 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	16,646 Traffic sigr Low Moderate	nals at Grimmer Blvd and Auto Mall Pkw	vу	
ROADWAY CHARACTED Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route?	Alstics 3482' 64' NB - 2 Collector Yes Yes	SB - 2		
Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	Yes No No Yes - Cont Few None None	inuous		
Visibility Pavement Condition Adjacent Land Use	Good Good	commercial		

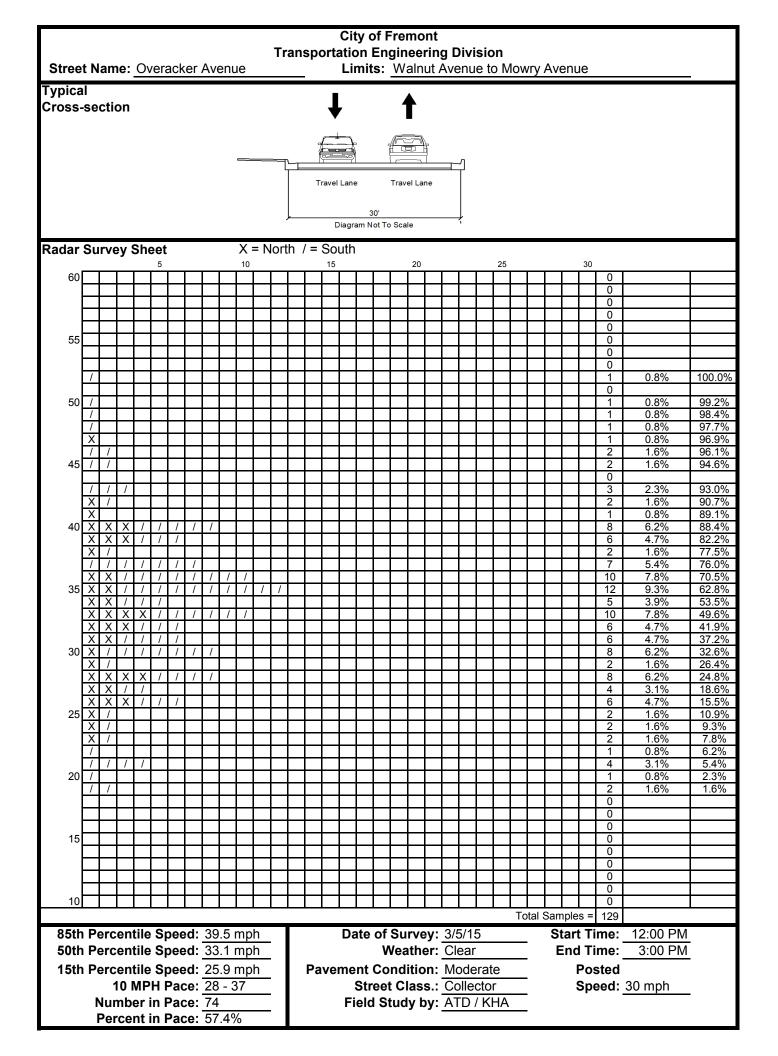
<u>COMMENTS</u> The 85th-percentile speed of 44.6 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.



CITY OF FREMONT 96 ENGINEERING AND TRAFFIC SURVEY STREET: Overacker Avenue SURVEY DATE: 3/5/2015 FROM: Walnut Avenue TO: Mowry Avenue SPEED DATA Location of Speed Survey 38885 Overacker Ave **Posted Speed Limit** 30 mph Recommended Speed Limit 35 mph Time of Speed Survey 12:00 PM - 3:00 PM 50th Percentile Speed (Mean Speed) 33.1 mph **Speed Limit Change** Yes 85th Percentile Speed Speed Justification 85-percentile speed 39.5 mph rounded down per CVC 10 mph Pace Speed 28 - 37 mph Section 21400(b) Percentage of Vehicles in Pace 57.4% **Number of Survey Samples** 129 **COLLISION HISTORY** Number of Years Studied 4 **Total Collisions** 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS **Average Daily Traffic** 869 Type of Traffic Control Stop sign at Mowry Ave Pedestrian Traffic Low Truck Traffic Low **ROADWAY CHARACTERISTICS** Length of Segment 3166' Width 30' Number of Lanes NB - 1 SB - 1 Street Classification Collector **Divided Median?** No **Designated Bike Route?** No **Bike Lanes?** no Uncontrolled Crosswalks? No **On-Street Parking?** Yes - On west side Sidewalks? Yes - Continuous on west side **Driveways?** Few Vertical Curve None **Horizontal Curve** Yes - 550 feet east of Mowry Ave Visibilitv Good **Pavement Condition** Moderate Adjacent Land Use Non-fronting residential

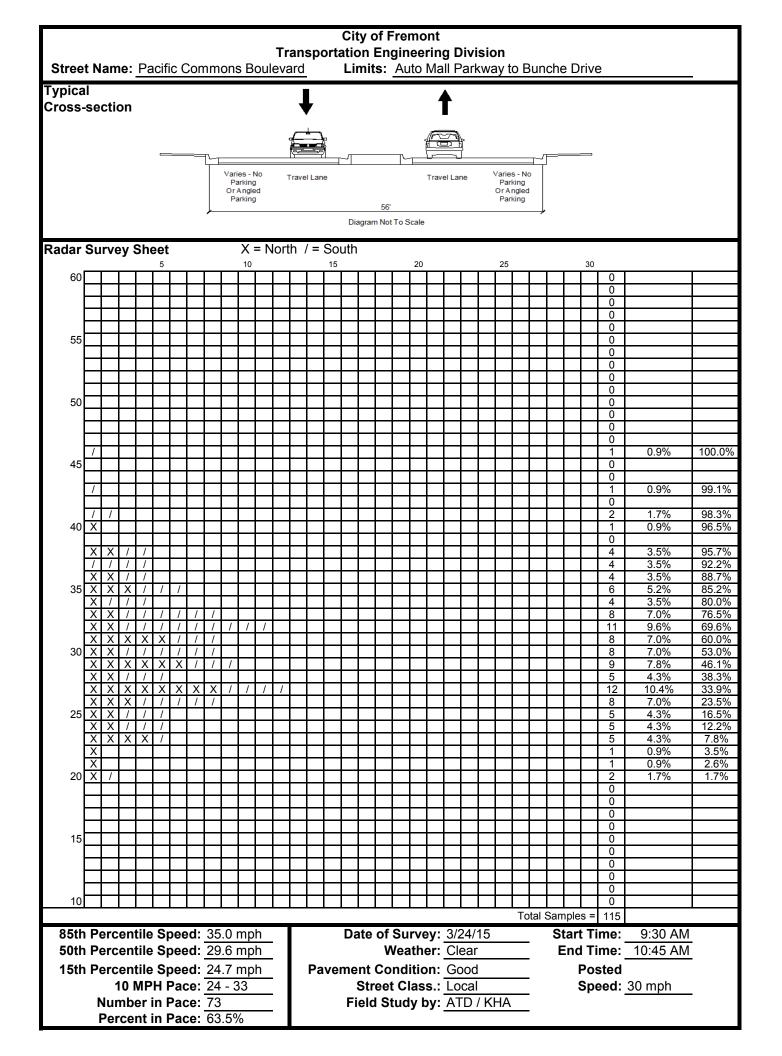
COMMENTS

The 85th-percentile speed of 39.5 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 28 mph to 37 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit be increased to 35 mph.



Description of the product of the pro			CITY OF FREM	ONT		
FROM: Auto Mall Parkway TO: Bunche Drive SPEED DATA Location of Speed Survey Padite Commons Blvd - 600 Pt S. of Auto Mall Pkwy Signa Posted Speed Limit 30 mph Time of Speed Survey 9:30 AM - 10:45 AM Recommended Speed Limit 30 mph Soth Percentile Speed 25.6 mph Speed Limit Change No 85th Percentile Speed 25.0 mph Speed Limit Change No Percentage of Vehicles in Pace 63.5% pedestrian activity, crosswalks, and width COLLISION HISTORY Number of Survey Samples 115 crosswalks, and width Variage Daily Traffic 17.603 Type of Traffic Control Traffic Signals at Bunch Dr. Curie St, Auto Mall Pkwy: stop signs at two parking lot driveways Pedestrian Traffic Moderate Low Low Low ROADWAY CHARACTERISTICS Logth of Segment 2180' Low Width 56' (varies) No Bike Lanes? No Bike Lanes? No Moderate Divided Median? Yes -South of Curie St Designated Bike Route? No Bike Lanes? No Bike Lanes? No Uncontrolled Crosswalks? Yes -Continuous		ENC		FIC SUF	RVEY	97
SPEED DATA Location of Speed Survey Pacific Commons Blvd - 600 Ft S. of Auto Mail Pkwy Signa Posted Speed Limit 30 mph Time of Speed Survey 9:30 AM - 10:45 AM Recommended Speed Limit 30 mph Söth Percentile Speed 26.6 mph Speed Limit Change No Söth Percentile Speed 24.0 mph Speed Justification 85th-percentile speed 10 mph Pace Speed 24.3 mph Speed Justification 85th-percentile speed Vumber of Survey Samples 115 crosswalks, and width COLLISION HISTORY Number of Years Studied 4 Number of Years Studied 4 Total Collisions 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 17,603 Type of Traffic Control Traffic signals at Bunch Dr, Curie St, Auto Mall Pkwy; stop signs at two parking lot driveways Pedestrian artific Low ROADWAY CHARACTERISTICS Langth of Segment 2180' Number of Lanes Nb - 1 SB - 1 Street Classification Local Divided Median? Yes - South of Curie St Designated Bike Route? No B	STREET: Pacific Commons	Boulevard		SURVEY	DATE: 3/24/20	15
SPEED DATA Location of Speed Survey Pacific Commons Blvd - 600 F1 S. of Auto Mail Pkwy Signa Posted Speed Limit 30 mph Time of Speed Survey 9:30 AM - 10:45 AM Recommended Speed Limit 30 mph 50th Percentile Speed 26 mph Speed Limit Change No 58th Percentile Speed 24 - 33 mph Speed Justification 85th-percentile speed 10 mph Pace Speed 24 - 33 mph Speed Justification 85th-percentile speed Vumber of Survey Samples 115 crosswalks, and width COLLISION HISTORY Number of Years Studied 4 Number of Years Studied 4 - - Average Daily Traffic 17.603 - - Traffic Control Traffic signals at Bunch Dr, Curie St, Auto Mall Pkwy; stop signs at two parking lot driveways Pedestrian artific Ved of Traffic Control Traffic signals at Bunch Dr, Curie St, Auto Mall Pkwy; stop signs at two parking lot driveways Pedestrian artific Woderate Truck Traffic Moderate - Truck Traffic Low See 1 - Street Classification Local - - Divided Median? Yes - South of Curie St -	FROM: Auto Mall Parkwa ^v	v		TO:	Bunche Drive	
Location of Speed Survey Pacific Commons Bivd - 600 Ft S. of Auto Mall Pkwy Signa Posted Speed Limit 30 mph Time of Speed Survey 9:30 AM - 10:45 AM Recommended Speed Limit 30 mph Soth Percentile Speed 29.6 mph Speed Limit Change No 85th Percentile Speed 24.33 mph Speed Justification 85th-percentile speed downgraded due to pedestrian activity, crosswalks, and width Number of Survey Samples 115 crosswalks, and width crosswalks, and width COLLISION HISTORY 4 crosswalks, and width crosswalks, and width Number of Years Studied 4 crosswalks, and width crosswalks, and width TRAFFIC FACTORS 0 crosswalks, and width crosswalks, and width Average Daily Traffic 17,603 crosswalks crosswalks Type of Traffic Control Traffic signals at Bunch Dr, Curie St, Auto Mall Pkwy; stop signs at two parking lot driveways Pedestrian Traffic Low X X X X Roadward Low X X X Recommons for the Segment 2180' X X X Width 56' (varies) X X	<u></u>	<u>/</u>				
Location of Speed Survey Padific Commons Bivd - 600 Ft S. of Auto Mall Pkwy Signa Posted Speed Limit 30 mph Time of Speed Survey 9:30 AM - 10:45 AM Recommended Speed Limit 30 mph Soth Percentile Speed 29.6 mph Speed Limit Change No 85th Percentile Speed 24.33 mph Speed Justification 85th-percentile speed downgraded due to pedestrian activity, crosswalks, and width Number of Survey Samples 115 crosswalks, and width crosswalks, and width COLLISION HISTORY 4 0 crosswalks, and width crosswalks, and width Number of Years Studied 4 0 crosswalks, and width crosswalks, and width TRAFFIC FACTORS 0 collisions (ACC/MVM) 0.00 cellsion Rate (ACC/MVM) 1.46 Truck Traffic 17,603 Traffic control Traffic signals at Bunch Dr, Curie St, Auto Mall Pkwy; stop signs at two parking lot driveways Pedestrian Traffic Pedestrian Traffic Low S6 (varies) Number of Lanes S8 - 1 Street Classification Local Divided Median? Yes - South of Curie St Designated Bike Route? No Bike Lanes? No Bike Lanes? No <	SPEED DATA					
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Expected Collisions (ACC/MVM) 1.46 TRAFFIC FACTORS Average Daily Traffic 17,603 Type of Traffic Control Traffic signals at Bunch Dr, Curie St, Auto Mall Pkwy; stop signs at two parking lot driveways Pedestrian Traffic Moderate Truck Traffic Low ROADWAY CHARACTERISTICS Length of Segment 2180' Width 56' (varies) Number of Lanes NB - 1 Street Classification Local Divided Median? Yes - South of Curie St Designated Bike Route? No Uncontrolled Crosswalks? A Dick's Sporting Goods On-Street Parking? Yes - Continuous Driveways? Few Vertical Curve None			0.00			
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Type of Traffic Control Pedestrian TrafficTraffic signals at Bunch Dr, Curie St, Auto Mall Pkwy; stop signs at two parking lot driveways Moderate LowROADWAY CHARACTERISTICS Length of Segment2180'Width56' (varies)Number of LanesNB - 1SB - 1Street ClassificationLocalDivided Median?Yes - South of Curie StBike Lanes?NoUncontrolled Crosswalks?At Dick's Sporting GoodsOn-Street Parking?Yes - ContinuousDriveways?FewVertical CurveNone		17.603				
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Length of Segment2180'Width56' (varies)Number of LanesNB - 1Street ClassificationLocalDivided Median?Yes - South of Curie StDesignated Bike Route?NoBike Lanes?NoUncontrolled Crosswalks?At Dick's Sporting GoodsOn-Street Parking?Yes - South of Curie StSidewalks?Yes - ContinuousDriveways?FewVertical CurveNone						
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Number of LanesNB - 1SB - 1Street ClassificationLocalDivided Median?Yes - South of Curie StDesignated Bike Route?NoBike Lanes?NoUncontrolled Crosswalks?At Dick's Sporting GoodsOn-Street Parking?Yes - South of Curie StSidewalks?Yes - ContinuousDriveways?FewVertical CurveNone	Length of Segment	2180'				
Street ClassificationLocalDivided Median?Yes - South of Curie StDesignated Bike Route?NoBike Lanes?NoUncontrolled Crosswalks?At Dick's Sporting GoodsOn-Street Parking?Yes - South of Curie StSidewalks?Yes - ContinuousDriveways?FewNone	Width	56' (varies)				
Divided Median?Yes - South of Curie StDesignated Bike Route?NoBike Lanes?NoUncontrolled Crosswalks?At Dick's Sporting GoodsOn-Street Parking?Yes - South of Curie StSidewalks?Yes - ContinuousDriveways?FewVertical CurveNone	Number of Lanes	NB - 1	SB - 1			
Designated Bike Route?NoBike Lanes?NoUncontrolled Crosswalks?At Dick's Sporting GoodsOn-Street Parking?Yes - South of Curie StSidewalks?Yes - ContinuousDriveways?FewVertical CurveNone	Street Classification	Local				
Bike Lanes?NoUncontrolled Crosswalks?At Dick's Sporting GoodsOn-Street Parking?Yes - South of Curie StSidewalks?Yes - ContinuousDriveways?FewVertical CurveNone	Divided Median?	Yes - South	ı of Curie St			
Uncontrolled Crosswalks?At Dick's Sporting GoodsOn-Street Parking?Yes - South of Curie StSidewalks?Yes - ContinuousDriveways?FewVertical CurveNone	Designated Bike Route?	No				
On-Street Parking?Yes - South of Curie StSidewalks?Yes - ContinuousDriveways?FewVertical CurveNone	Bike Lanes?	No				
Sidewalks?Yes - ContinuousDriveways?FewVertical CurveNone		At Dick's Sr	porting Goods			
Driveways? Few Vertical Curve None	On-Street Parking?	Yes - South	ı of Curie St			
Vertical Curve None		Yes - Conti	nuous			
	-	Few				
Horizontal Curve None	Vertical Curve	None				
	Horizontal Curve	None				
Visibility Good		Good				
Pavement Condition Good		Good				
Adjacent Land Use Commercial	Adjacent Land Use	Commercia	d			

<u>COMMENTS</u> The 85th-percentile speed of 35.0 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 24 mph to 33 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Due to the moderate pedestrian traffic, uncontrolled crosswalks, and 25-foot roadway width in some locations, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the posted speed limit remains at 30 mph, based upon downgrading the 85th-percentile indicated speed of 35 mph by 5 mph.



Page Avenue SURVEY DATE: 3/24/2015 TO: Milmont Drive Location of Speed Survey 1180 Page Ave **Posted Speed Limit** 30 mph 9:30 AM - 11:25 AM Recommended Speed Limit 35 mph 50th Percentile Speed (Mean Speed) 29.6 mph Speed Limit Change Yes 85th-percentile speed Speed Justification 36.1 mph 26 - 35 mph Percentage of Vehicles in Pace 65.4% **Number of Survey Samples** 104 **COLLISION HISTORY** Number of Years Studied 4 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.46 1,190 Stop sign at Kato Rd Low

ROADWAY CHARACTERISTICS

Length of Segment	871'
Width	44'
Number of Lanes	EB - 1 WB -1
Street Classification	Local
Divided Median?	No
Designated Bike Route?	No
Bike Lanes?	No
Uncontrolled Crosswalks?	At Milmont Dr
On-Street Parking?	No
Sidewalks?	Yes - Continuous
Driveways?	Few
Vertical Curve	None
Horizontal Curve	None
Visibility	Good
Pavement Condition	Good
Adjacent Land Use	Office

Low

COMMENTS

STREET:

SPEED DATA

Time of Speed Survey

85th Percentile Speed

10 mph Pace Speed

Total Collisions

TRAFFIC FACTORS Average Daily Traffic

Type of Traffic Control

Pedestrian Traffic

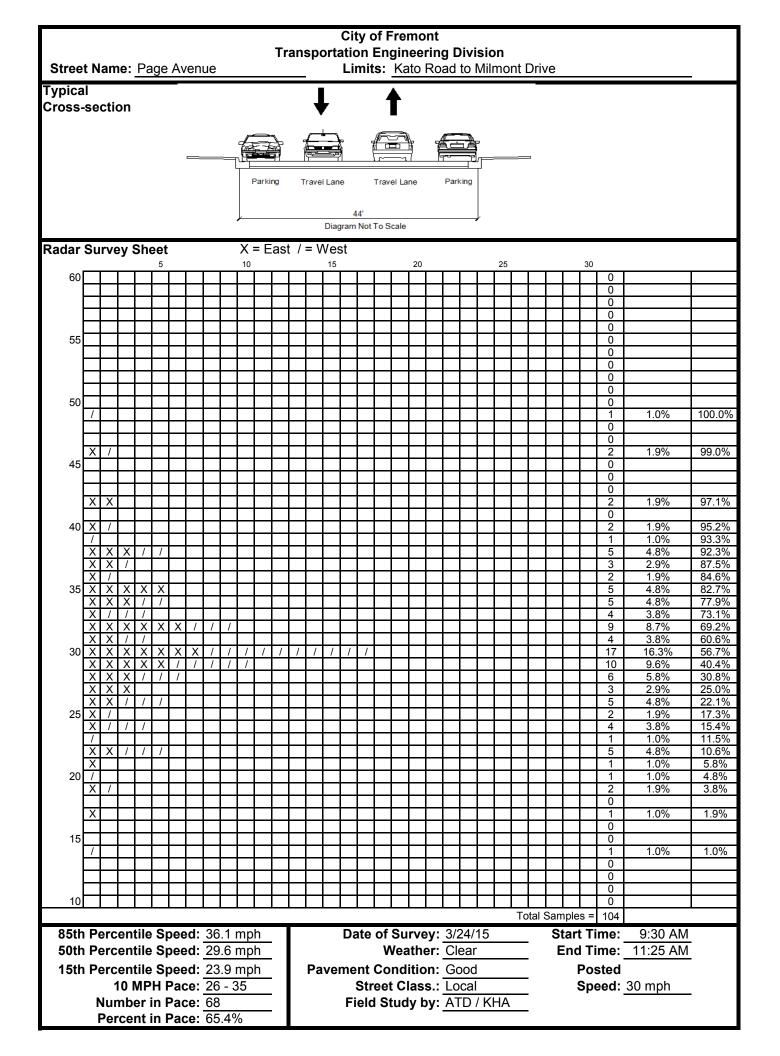
Truck Traffic

Kato Road

FROM:

The 85th-percentile speed of 36.1 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 26 mph to 35 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 35 mph.

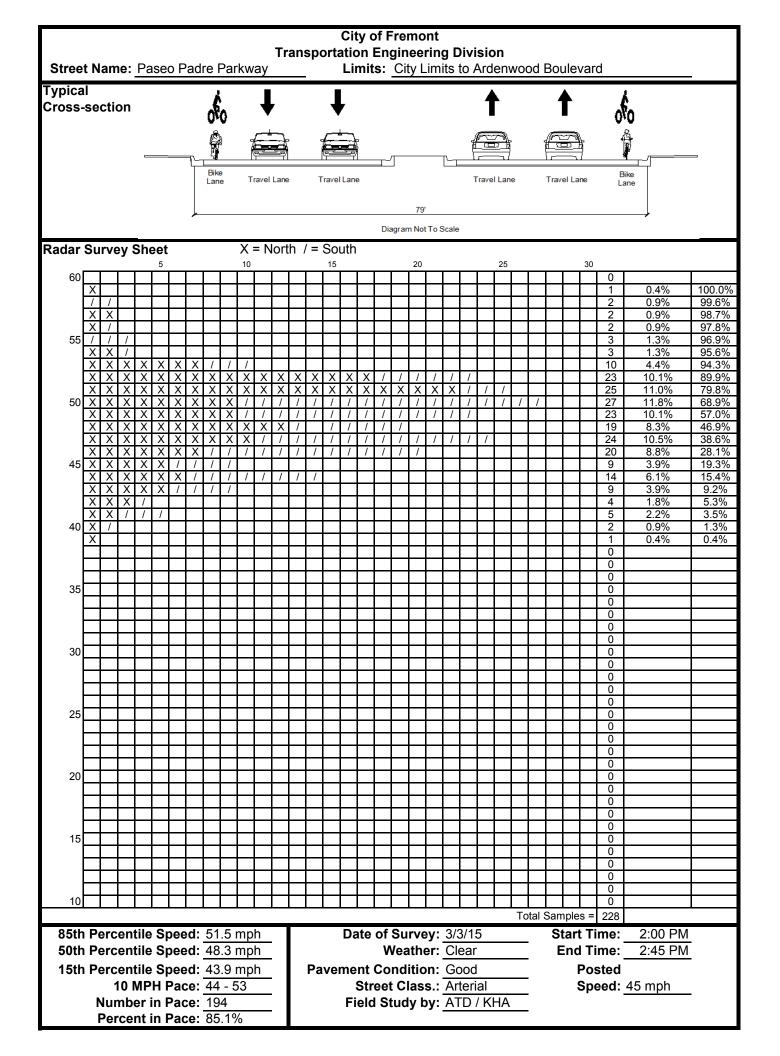
Approved and Authorized for release by City of Fremont, CA:



STREET: FROM:	Paseo Padre Park City Limits	way		SURVEY TO:	Ardenwood Bouleva	
Time of Spec 50th Percent 85th Percent 10 mph Pace Percentage	Speed Survey ed Survey tile Speed (Mean tile Speed	Speed)	Pkwy btwn Patterson Ranch Rd & Kaiser Dr 2:00 PM - 2:45 PM 48.3 mph 51.5 mph 44 - 53 mph 85.1% 228		nded Speed Limit nit Change	45 mph 50 mph Yes 85th-percentile speed
Number of Y Total Collisio Collision Ra	N HISTORY 'ears Studied ons te (ACC/MVM) ollisions (ACC/M\	/M)	4 2 0.05 1.55			
TRAFFIC F Average Dail Type of Traff Pedestrian T Truck Traffic	ly Traffic fic Control Traffic	18,745 Traffic sign Low Low	als at Gateway Blvd, SR-84 EB Ramp	os, and SRS-84	4 WB Ramps	
ROADWAY Length of Se Width Number of L Street Class Divided Med Designated I Bike Lan	anes ification lian? Bike Route?	7887' 79' EB - 2 Arterial Yes Yes Yes	WB - 2			
	d Crosswalks? arking? ve curve ondition	At Dumbart No Yes - Conti Few Yes - SR-8	on Cir, Kaiser Dr, and Commerce Dr nuous on east side only 4 overpass of Ardenwood Blvd			

<u>COMMENTS</u> The 85th-percentile speed of 51.5 mph indicates a 50 mph speed limit. The 10 mph pace ranges from 44 mph to 53 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 50 mph.

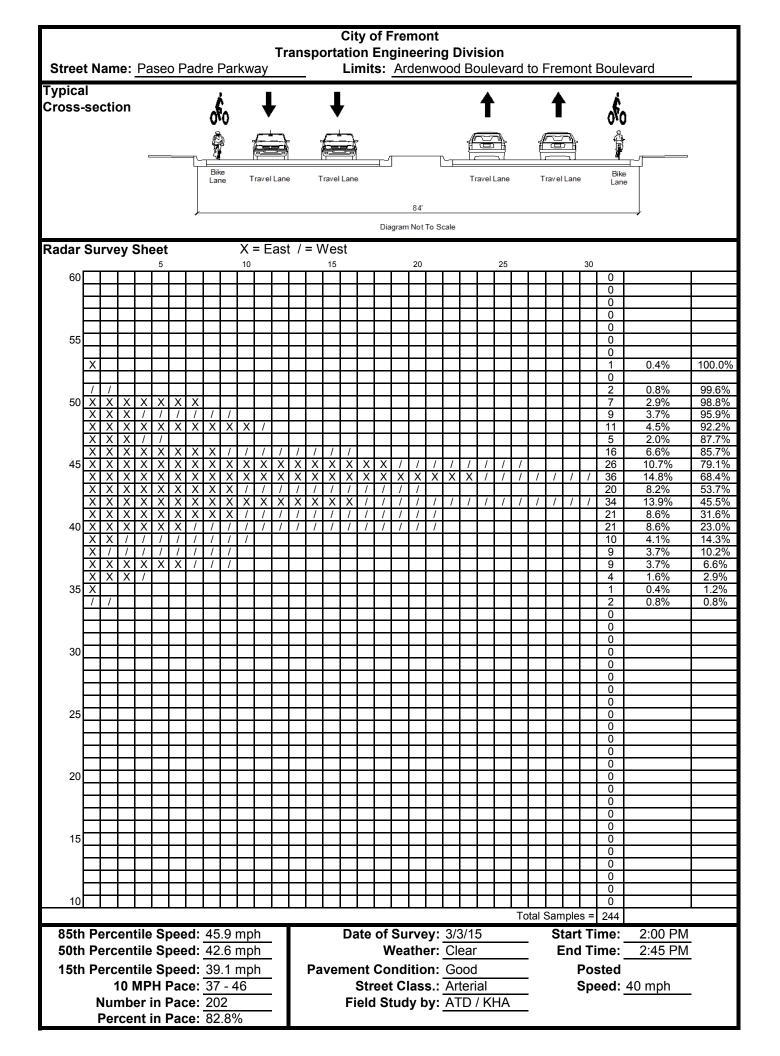
Approved and Authorized for release by City of Fremont, CA:



100

STREET: Paseo Padre Par	kway		SURVEY DATE: 3/3/201	5
FROM: Ardenwood Boule	evard		TO: Fremont Boulevard	
SPEED DATA				
Location of Speed Survey	Paseo Padre	e Pkwy btwn Webfoot Loop & Capulet Dr	Posted Speed Limit	40 mph
Time of Speed Survey		2:00 PM - 2:45 PM	Recommended Speed Limit	•
50th Percentile Speed (Mean	Speed)	42.6 mph	Speed Limit Change	Yes
85th Percentile Speed		45.9 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		37 - 46 mph		
Percentage of Vehicles in Pa	ice	82.8%		
Number of Survey Samples		244		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		1		
Collision Rate (ACC/MVM)		0.03		
Expected Collisions (ACC/M	VM)	1.55		
TRAFFIC FACTORS				
Average Daily Traffic	16,199			
Average Daily Traffic Type of Traffic Control		als at Ardenwood Blvd, Tupelo St, Dee	p Creek Rd, Siward Rd, and Frem	ont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic		als at Ardenwood Blvd, Tupelo St, Dee	p Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic	Traffic sign	als at Ardenwood Blvd, Tupelo St, Dee	ep Creek Rd, Siward Rd, and Frem	ont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	Traffic signa Low Low	als at Ardenwood Blvd, Tupelo St, Dee	ep Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF	Traffic signa Low Low	als at Ardenwood Blvd, Tupelo St, Dee	ep Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF	Traffic signa Low Low	als at Ardenwood Blvd, Tupelo St, Dee	p Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment	Traffic sign: Low Low RISTICS	als at Ardenwood Blvd, Tupelo St, Dee	ep Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width	Traffic signa Low Low RISTICS 8717'	als at Ardenwood Blvd, Tupelo St, Dee	ep Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes	Traffic signa Low Low RISTICS 8717' 84'		ep Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification	Traffic signa Low RISTICS 8717' 84' EB - 2		ep Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification Divided Median?	Traffic signa Low RISTICS 8717' 84' EB - 2 Arterial		p Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification Divided Median?	Traffic signa Low RISTICS 8717' 84' EB - 2 Arterial Yes		p Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes?	Traffic signs Low Low RISTICS 8717' 84' EB - 2 Arterial Yes Yes		p Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Traffic signs Low Low RISTICS 8717' 84' EB - 2 Arterial Yes Yes Yes		p Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	Traffic signs Low RISTICS 8717' 84' EB - 2 Arterial Yes Yes Yes No	WB - 2	p Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	Traffic signa Low RISTICS 8717' 84' EB - 2 Arterial Yes Yes Yes No No	WB - 2	ep Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	Traffic signa Low RISTICS 8717' 84' EB - 2 Arterial Yes Yes Yes No No Yes - Conti	WB - 2	ep Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve	Traffic signa Low Low RISTICS 8717' 84' EB - 2 Arterial Yes Yes Yes No No Yes - Conti Few Yes - At Si	WB - 2 nuous	ep Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve	Traffic signa Low Low RISTICS 8717' 84' EB - 2 Arterial Yes Yes Yes No No Yes - Conti Few Yes - At Si	WB - 2	ep Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility	Traffic signa Low Low RISTICS 8717' 84' EB - 2 Arterial Yes Yes Yes Yes No No Yes - Conti Few Yes - At Si Yes - East	WB - 2 nuous	p Creek Rd, Siward Rd, and Frem	iont Blvd
Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic <u>ROADWAY CHARACTEF</u> Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route?	Traffic signa Low Low RISTICS 8717' 84' EB - 2 Arterial Yes Yes Yes Yes No No Yes - Conti Few Yes - At Si Yes - East Good Good	WB - 2 nuous		iont Blvd

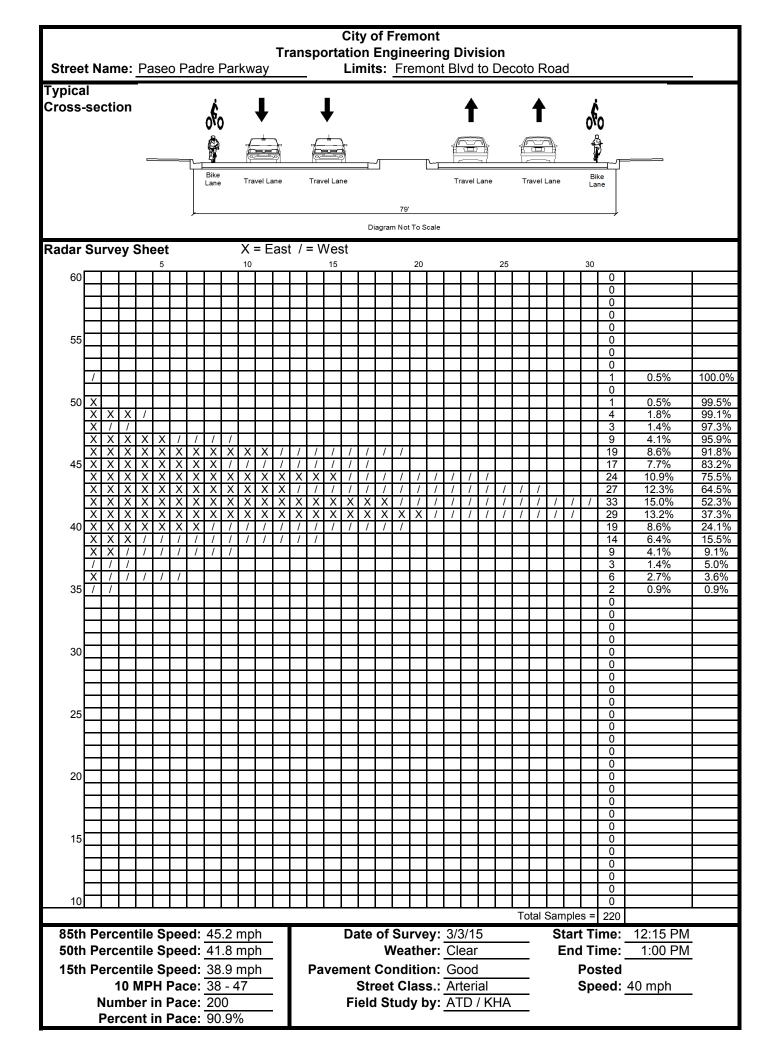
<u>COMMENTS</u> The 85th-percentile speed of 45.9 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.



CITY OF FREMONT 101 ENGINEERING AND TRAFFIC SURVEY STREET: Paseo Padre Parkway SURVEY DATE: 3/3/2015 FROM: Fremont Blvd TO: Decoto Road SPEED DATA Location of Speed Survey Paseo Padre Pkwy btwn Warwick Rd & Darwin Dr Posted Speed Limit 40 mph Recommended Speed Limit 45 mph Time of Speed Survey 12:15 PM - 1:00 PM 50th Percentile Speed (Mean Speed) **Speed Limit Change** Yes 41.8 mph 85th Percentile Speed Speed Justification 85th-percentile speed 45.2 mph 10 mph Pace Speed 38 - 47 mph Percentage of Vehicles in Pace 90.9% **Number of Survey Samples** 220 **COLLISION HISTORY** Number of Years Studied 4 **Total Collisions** 2 Collision Rate (ACC/MVM) 0.06 Expected Collisions (ACC/MVM) 1.55 TRAFFIC FACTORS **Average Daily Traffic** 21,261 Type of Traffic Control Traffic signs at Fremont Blvd, Milton St, Darwin Dr, Warwick Rd, and Decoto Rd Pedestrian Traffic I ow Truck Traffic Low **ROADWAY CHARACTERISTICS** Length of Segment 5988' Width 79' Number of Lanes EB - 2 WB - 2 Street Classification Arterial **Divided Median?** Yes **Designated Bike Route?** Yes **Bike Lanes?** Yes Uncontrolled Crosswalks? No **On-Street Parking?** No Yes - Continuous Sidewalks? **Driveways?** Few Vertical Curve None **Horizontal Curve** Yes - Between Sylvester Dr and Darwin Dr Visibilitv Good **Pavement Condition** Good Adjacent Land Use Non-fronting residential, apartments, church, school, and park

COMMENTS

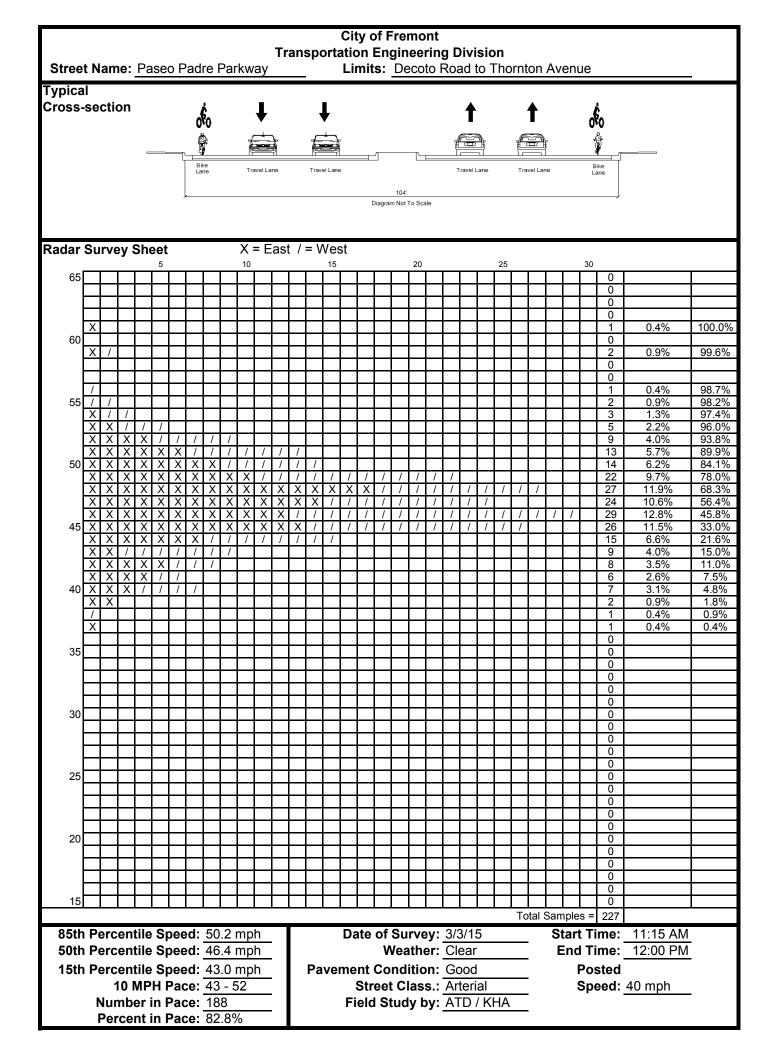
The 85th-percentile speed of 45.2 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 38 mph to 47 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.



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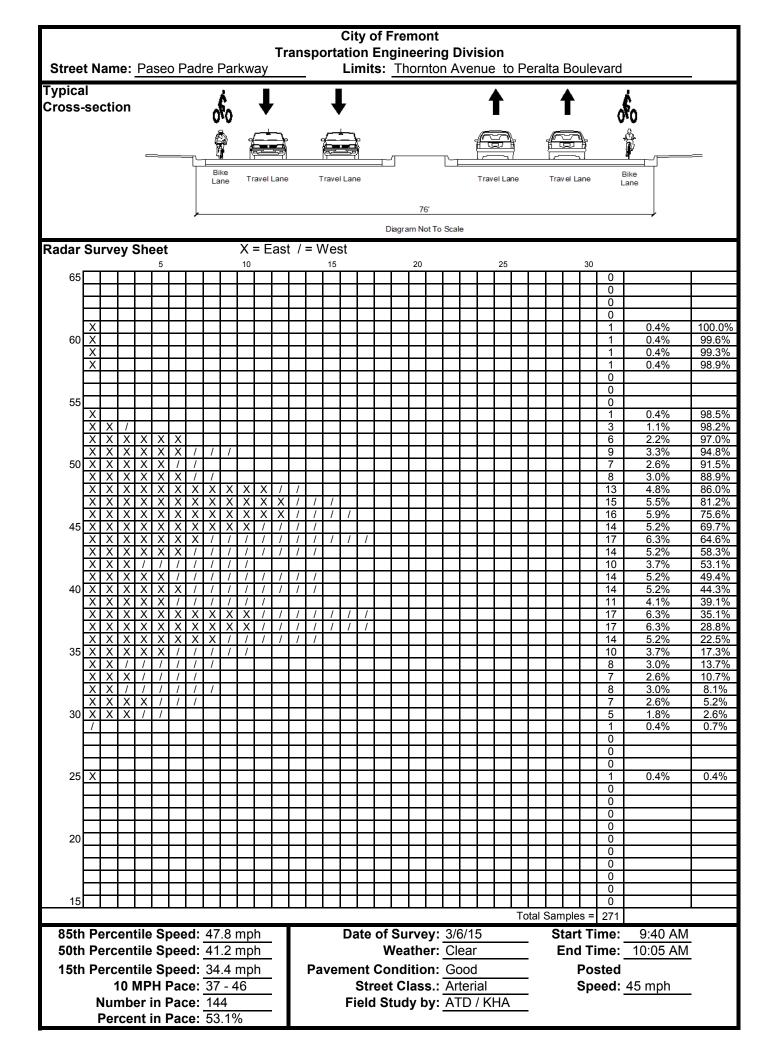
STREET: Paseo Padre Parl FROM: Decoto Road	kway		SURVEY DATE: 3/3/201 TO: Thornton Avenue	5
SPEED DATA				
Location of Speed Survey	Paseo Padre	e Pkwy btwn Cornish Dr & Tamayo St	Posted Speed Limit	40 mph
Time of Speed Survey		11:15 AM - 12:00 PM	Recommended Speed Limit	•
50th Percentile Speed (Mean	Speed)	46.4 mph	Speed Limit Change	Yes
85th Percentile Speed		50.2 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		43 - 52 mph		
Percentage of Vehicles in Pa	ice	82.8%		
Number of Survey Samples		227		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		5		
Collision Rate (ACC/MVM)		0.09		
Expected Collisions (ACC/M	VM)	1.55		
TRAFFIC FACTORS				
Average Daily Traffic	25,487			
Type of Traffic Control	Traffic sign	als at Decoto Rd, Isherwood Wy, and 1	hornton Ave	
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTER				
Length of Segment	7550'			
Width	104'			
Number of Lanes	EB - 2/3	WB - 2/3		
Street Classification	Arterial			
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking? Sidewalks?	No Yes - Conti			
Driveways?	Few	nuous		
Vertical Curve	None			
Horizontal Curve		een Puttenham Way and Thornton Ave		
Visibility	Good	and mornion average and mornion ave		
Pavement Condition	Good			
Adjacent Land Use		g residential and Alameda Creek Trail		

COMMENTS The 85th-percentile speed of 50.2 mph indicates a 50 mph speed limit. The 10 mph pace ranges from 43 mph to 52 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 50 mph.



		CITY OF FREM	-		103
	ENG	SINEERING AND TRAI	FFIC SU	RVEY	
STREET: Paseo Padre Parl	way		SURVE	Y DATE: 3/6/201	5
FROM: Thornton Avenue	,		TO:	Peralta Boulevard	
SPEED DATA					
Location of Speed Survey	Paseo Padre	Pkwy - 300 Ft E. of Sequoia Rd		peed Limit	45 mph
Time of Speed Survey	•	9:40 AM - 10:05 AM		ended Speed Limit	
50th Percentile Speed (Mean	Speed)	41.2 mph	•	mit Change	Yes
85th Percentile Speed		47.8 mph	Speed Ju	stification	85th-percentile speed rounded down per CVC
10 mph Pace Speed Percentage of Vehicles in Pa		37 - 46 mph 53.1%			Section 21400(b)
Number of Survey Samples		271			
Number of Guivey Gamples		271			
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		6			
Collision Rate (ACC/MVM)		0.16			
Expected Collisions (ACC/M)	VM)	1.55			
TRAFFIC FACTORS					
Average Daily Traffic	31,197				
Type of Traffic Control	-	als at Thornton Ave, Sequoia Rd, and	Peralta Blvd		
Pedestrian Traffic	Low				
Truck Traffic	Low				
ROADWAY CHARACTER					
Length of Segment	4392'				
Width	4392 76'				
Number of Lanes	70 EB - 2	WB - 2			
Street Classification	Arterial				
Divided Median?	Yes				
Designated Bike Route?	Yes				
Bike Lanes?	Yes				
Uncontrolled Crosswalks?	No				
On-Street Parking?	No				
Sidewalks?	Yes - Conti	nuous			
Driveways?	Few				
Vertical Curve	None				
Horizontal Curve	Yes - West	of Sequoia Rd; west of Riverwalk Dr			
Visibility	Good				
Pavement Condition	Good				
Adjacent Land Use	Apartments	and church			

COMMENTS The 85th-percentile speed of 47.8 mph indicates a 50 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 45 mph.



CITY OF FREMONT 104 ENGINEERING AND TRAFFIC SURVEY STREET: Paseo Padre Parkway SURVEY DATE: 3/6/2015 FROM: Peralta Boulevard TO: Mowry Avenue SPEED DATA Location of Speed Survey Paseo Padre Pkwy - 210 Ft E. of Country Dr **Posted Speed Limit** 35 mph Time of Speed Survey Recommended Speed Limit 35 mph 10:00 AM - 10:30 AM 50th Percentile Speed (Mean Speed) 32.8 mph Speed Limit Change No 85th Percentile Speed 85th-percentile speed Speed Justification 37.1 mph 10 mph Pace Speed 29 - 38 mph Percentage of Vehicles in Pace 71.4% Number of Survey Samples 213

COLLISION HISTORY

Number of Years Studied	4	
Total Collisions	4	
Collision Rate (ACC/MVM)	0.12	
Expected Collisions (ACC/MVM)	1.55	

TRAFFIC FACTORS

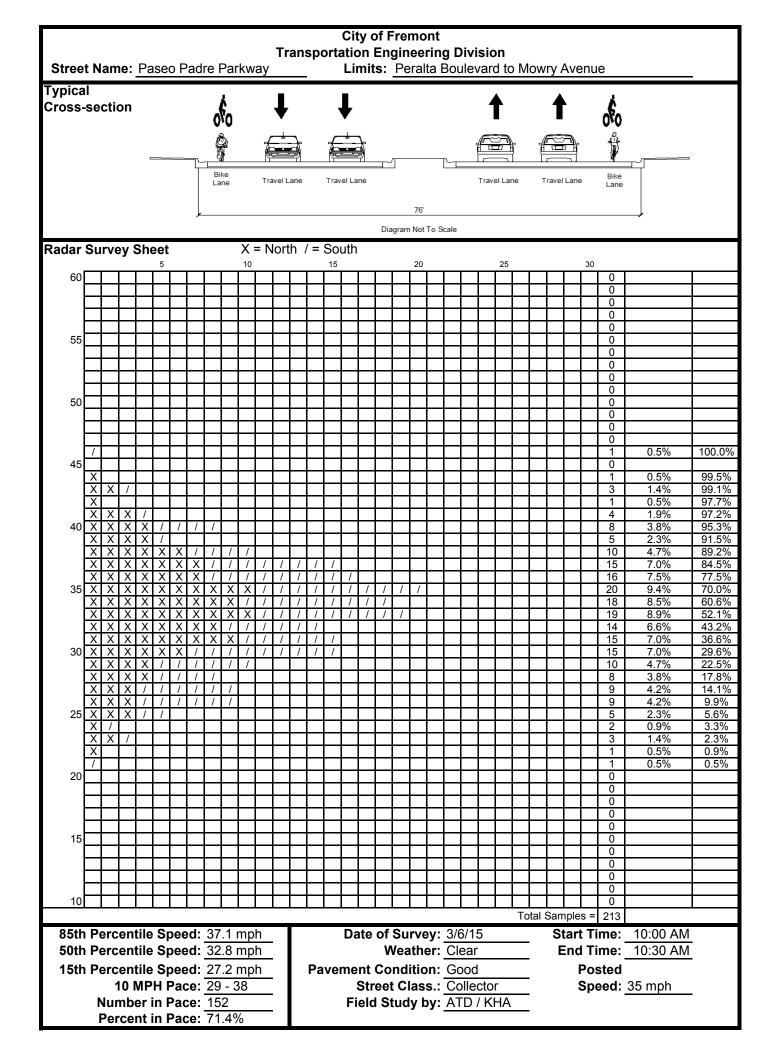
Average Daily Traffic	28,597
Type of Traffic Control	Traffic signals at Peralta Blvd, Eggers Dr, Country Dr, Whole Food Market, and Mowry Ave
Pedestrian Traffic	Low
Truck Traffic	Low

ROADWAY CHARACTERISTICS

Length of Segment	4169'
idth	76'
Imber of Lanes	EB - 2 WB - 2
reet Classification	Collector
vided Median?	Yes
esignated Bike Route?	Yes
Bike Lanes?	Yes
ncontrolled Crosswalks?	No
n-Street Parking?	No
lewalks?	Yes - Continuous
veways?	Few
tical Curve	None
orizontal Curve	None
sibility	Good
vement Condition	Good
ljacent Land Use	Fronting and non-fronting residential, apartments, commercial, childcare, and church

COMMENTS

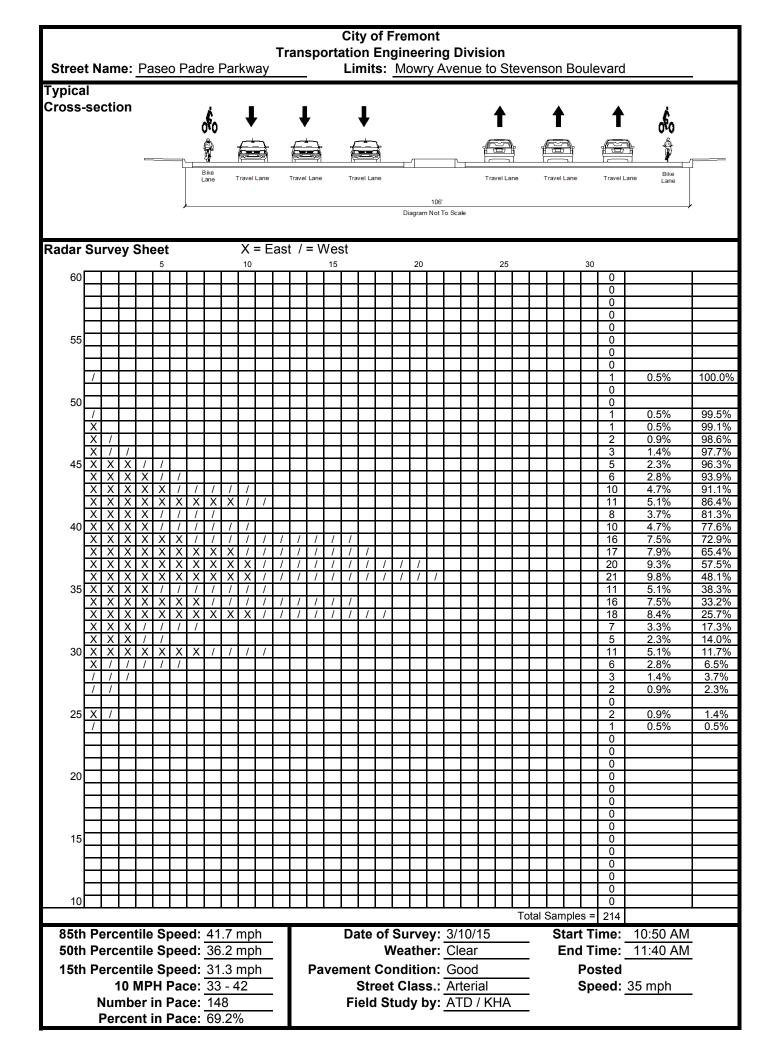
The 85th-percentile speed of 37.1 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 29 mph to 38 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.



STREET:Paseo Padre PaFROM:Mowry Avenue	rkway		SURVEY DATE: TO: Stevensor	3/10/2015 n Boulevard
SPEED DATA				
Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mea 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in P	ace	39209 Paseo Padre Pkwy 10:50 AM - 11:40 AM 36.2 mph 41.7 mph 33 - 42 mph 69.2%	Posted Speed Limit Recommended Spe Speed Limit Change Speed Justification	ed Limit 40 mph e Yes
Number of Survey Samples		214		
COLLISION HISTORY Number of Years Studied		4		
Total Collisions		12		
Collision Rate (ACC/MVM)		0.37		
Expected Collisions (ACC/	/IVM)	1.55		
TRAFFIC FACTORS	20.005			
Average Daily Traffic Type of Traffic Control	30,695 Troffic sig	unale at Mowing Ave. Capital Ave. C	atoway Blaza Walnut Ava an	d Stovenson Rlvd
Pedestrian Traffic	Low	nals at Mowry Ave, Capitol Ave, G	aleway Plaza, walliul Ave, al	
Truck Traffic	Low			
ROADWAY CHARACTE	RISTICS			
Length of Segment	3814'			
Width	106'			
Number of Lanes	EB - 3	WB - 3		
Street Classification	Arterial			
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	Yes - Cor	ntinuous		
Driveways?	Few			
Vertical Curve	None			
Horizontal Curve	None			
Visibility	Good			
Pavement Condition	Good	ial and madical Contar		
Adjacent Land Use	Commerc	ial and medical Center		

<u>COMMENTS</u> The 85th-percentile speed of 41.7 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 33 mph to 42 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.

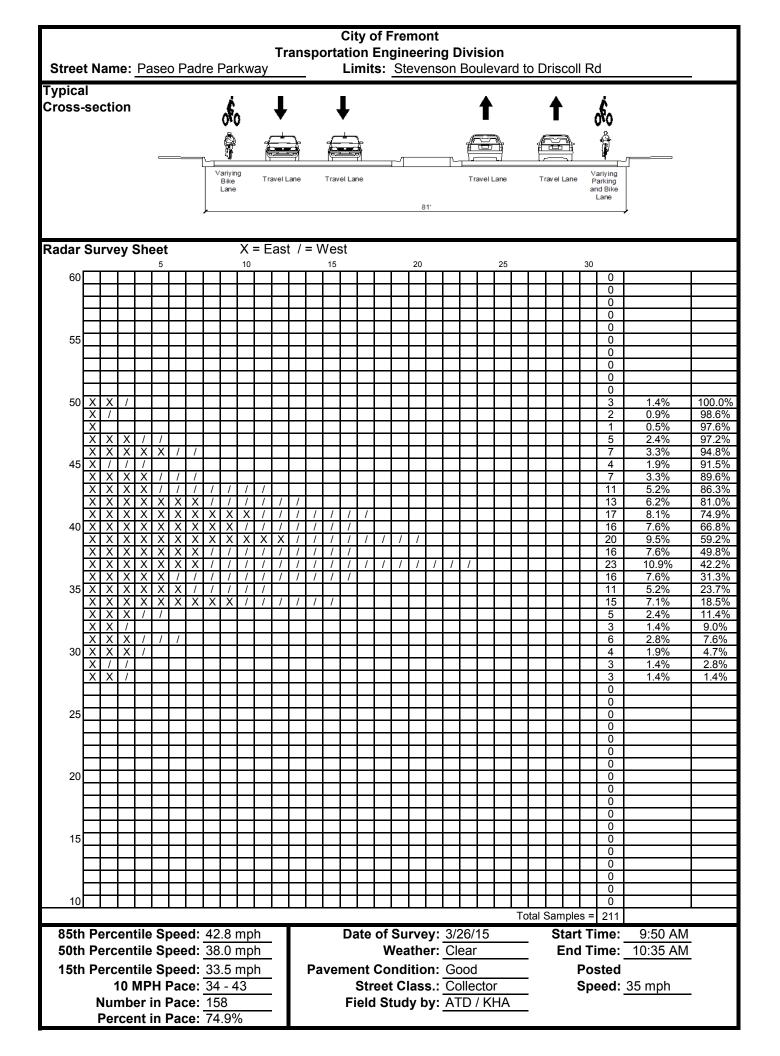
Approved and Authorized for release by City of Fremont, CA:



106

STREET: Paseo Padre Parkway SURVEY DATE: 3/26/2015 ROM: Stevenson Boulevard TO: Driscoll Rd				
/ard		TO: Driscoll Rd		
• •	40259 Paseo Padre Pkwy 9:50 AM - 10:35 AM 38.0 mph 42.8 mph 34 - 43 mph 74.9% 211	Posted Speed Limit Recommended Speed Lim Speed Limit Change Speed Justification	35 mph it 40 mph Yes 85th-percentile speed rounded down per CVC Section 21400(b)	
VM)	4 8 0.11 1.55			
30,728 Traffic sign Moderate Low	als at Stevenson Blvd, Sailway D	ır, Mission View Dr, Grimmer Blvd, Go	mes Rd, and Driscoll Rd	
8246' 81' EB - 2/3 Collector Yes Yes - East At Baylis S Yes - East Yes - Cont Few Yes - Betw	t of Baylis St inuous reen Grimmer Blvd and Gomes Re		n and Driscoll Rd	
	Ace Speed) Ace VM) 30,728 Traffic sigr Moderate Low RISTICS 8246' 81' EB - 2/3 Collector Yes Ses - East At Baylis S Yes - East At Baylis S Yes - East Yes - Cont Few Yes - Betw Yes - Betw Good	Additional and the set of the set	Ard TO: Driscoll Rd 40259 Paseo Padre Pkwy 9:50 AM - 10:35 AM Posted Speed Limit Recommended Speed Limit Speed Limit Change 34 - 43 mph 34 - 43 mph 32 - 43 mph 34 - 43 mph acc 74.9% 211 4 8 0.11 VM) 1.55 30,728 Traffic signals at Stevenson Blvd, Sailway Dr, Mission View Dr, Grimmer Blvd, Go Moderate Low 8 20,728 Traffic signals at Stevenson Blvd, Sailway Dr, Mission View Dr, Grimmer Blvd, Go Moderate Low 81' EB - 2/3 VB - 2/3 Collector Yes Yes - East of Baylis St At Baylis St Yes - East of Baylis St Yes - East of Baylis St Yes - Between Grimmer Blvd and Gomes Rd Yes - Between Grimmer Blvd and Hancock Dr; between Shadow Brooke Commor Good	

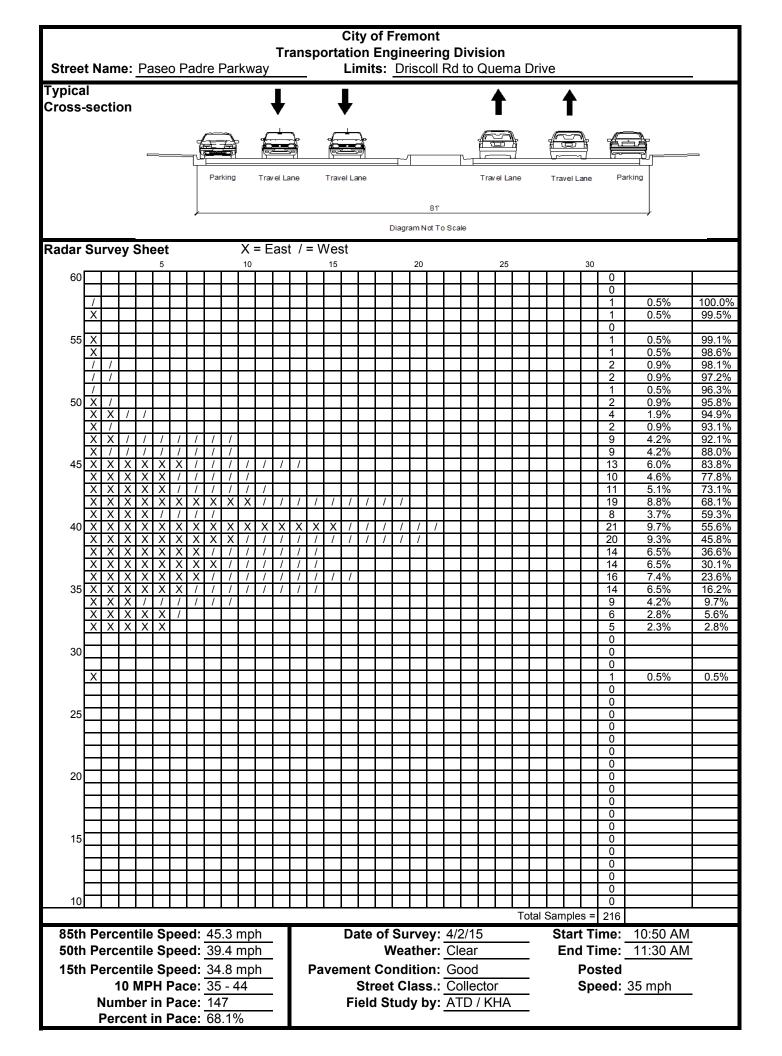
<u>COMMENTS</u> The 85th-percentile speed of 42.8 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 34 mph to 43 mph and the suggested speed limit does not fall within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit be increased to 40 mph.



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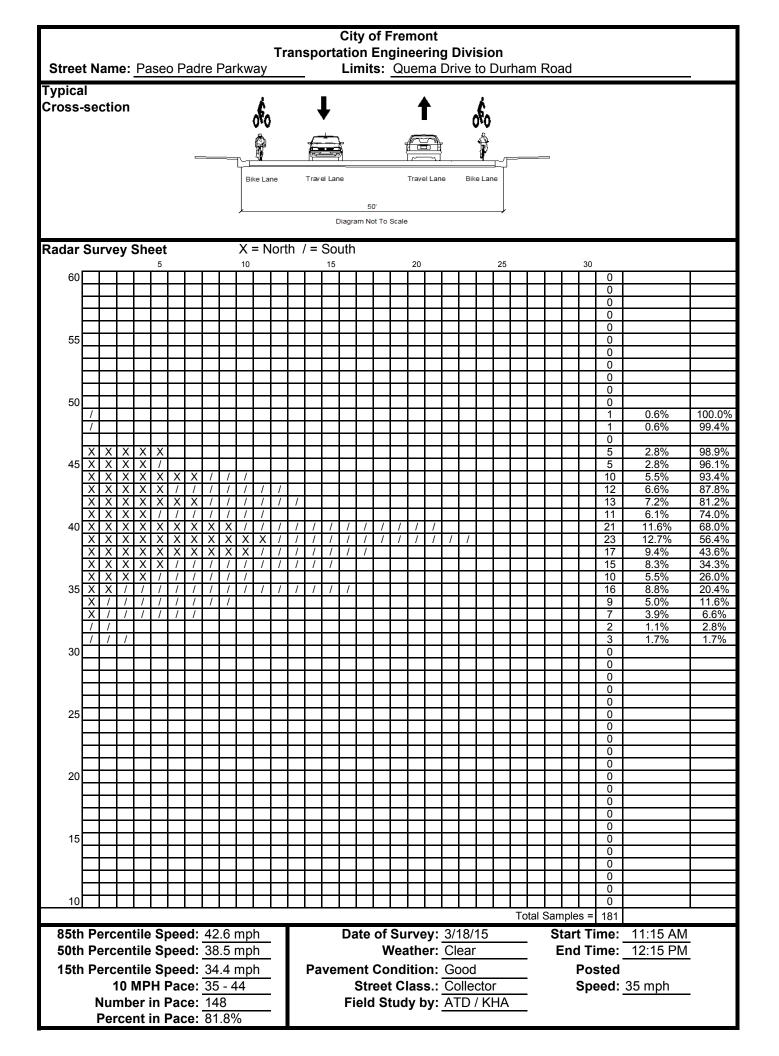
STREET: Paseo Padre Par FROM: Driscoll Rd	kway		SURVEY TO:	DATE: 4/ Quema Drive	4/2/2015
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		41757 Paseo Padre Pkwy 10:50 AM - 11:30 AM 39.4 mph 45.3 mph 35 - 44 mph 68.1% 216	Posted Spe Recommer Speed Lim Speed Just	nded Speed I iit Change	35 mph Limit 45 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	IVM)	4 1 0.03 1.99			
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	14,262 Traffic sign Low Low	nals at Driscoll Rd, Chadbourne Dr, a	nd Washington F	Blvd	
ROADWAY CHARACTEF Length of Segment Width Number of Lanes Street Classification Divided Median?	RISTICS 7390' 81' EB - 2 Collector Yes - west	WB - 2 t of I-680			
Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	No Yes	on Dr and Mento Dr			
Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Yes - I-680 Yes - Betw Good Good) overpass veen Covington Dr and Washington B esidential, apartments, commercial, a			

<u>COMMENTS</u> The 85th-percentile speed of 45.3 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit does not fall within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.



CITY OF FREMONT ENGINEERING AND TRAFFIC SURVEY					
STREET: Paseo Padre Par	kway		SURVEY [DATE: 3/18/20	15
FROM: Quema Drive			TO:	ourham Road	
SPEED DATA					
Location of Speed Survey Time of Speed Survey	Paseo Pad	re Pkwy 800 ft S. of Pine St 11:15 AM - 12:15 PM	Posted Spec	ed Limit ded Speed Limit	35 mph
50th Percentile Speed (Mear	(bood)	38.5 mph	Speed Limit		Yes
85th Percentile Speed (Mean	i Speeu)	42.6 mph	Speed Linit	-	85th-percentile speed
10 mph Pace Speed		35 - 44 mph	Opeed Justi	neation	rounded down per CVC
Percentage of Vehicles in Pa	ace	81.8%			Section 21400(b)
Number of Survey Samples		181			
· · ·					
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		0			
Collision Rate (ACC/MVM)		0.06			
Expected Collisions (ACC/M	VM)	1.46			
TRAFFIC FACTORS					
Average Daily Traffic	8,710				
Type of Traffic Control	Traffic sign	al at Durham Rd			
Pedestrian Traffic	Low				
Truck Traffic	Low				
ROADWAY CHARACTER	RISTICS				
Length of Segment	6,828				
Width	50'				
Number of Lanes	EB - 1	WB - 1			
Street Classification	Collector				
Divided Median?	No				
Designated Bike Route?	Yes				
Bike Lanes?	Yes				
Uncontrolled Crosswalks? On-Street Parking?	No				
Sidewalks?	No Vec Conti	nuous on the east side			
Driveways?	Few	110003 011 111C COSL SIUC			
Vertical Curve	Yes - At Qu	iema Dr			
Horizontal Curve		een Durham Rd and Pine St			
Visibility	Fair				
Pavement Condition	Good				
Adjacent Land Use		g residential and park			

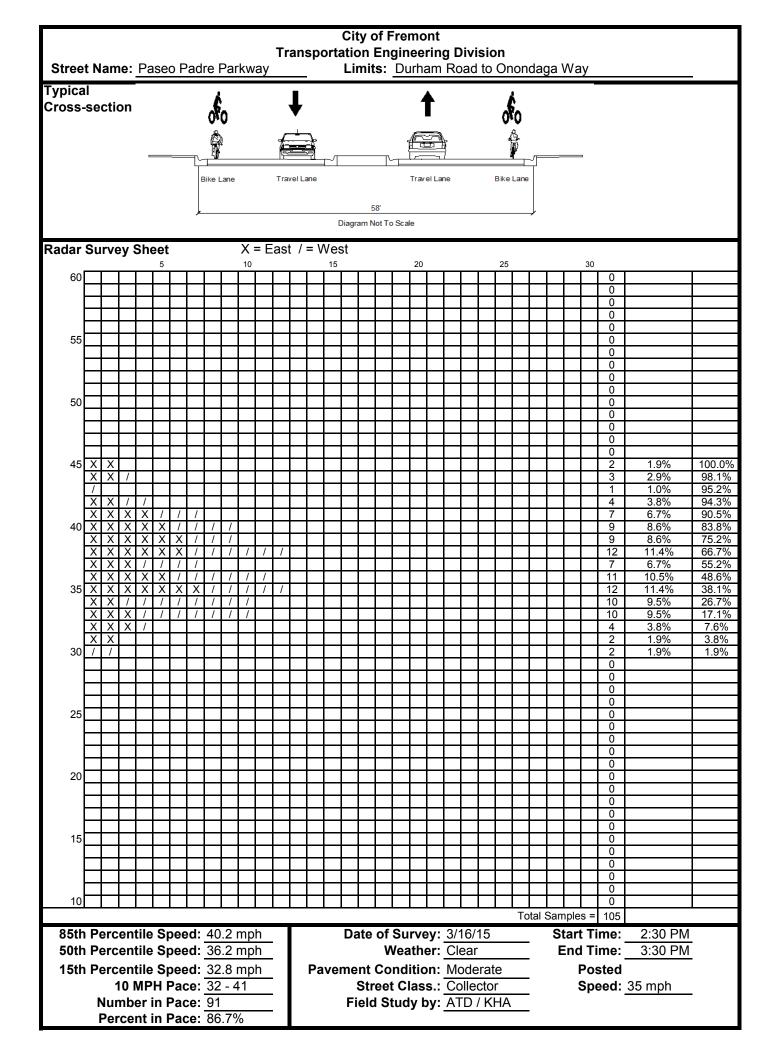
COMMENTS The 85th-percentile speed of 42.6 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit is above this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit be increased to 40 mph.



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STREET: Paseo Padre Parl	way		SURVEY DATE: 3/16/20	15
FROM: Durham Road			TO: Onondaga Way	
SPEED DATA				
Location of Speed Survey	Paseo Padi	e Pkwy 400 ft N. of Parkmeadow Dr	Posted Speed Limit	35 mph
Time of Speed Survey		2:30 PM - 3:30 PM	Recommended Speed Limit	•
50th Percentile Speed (Mean	Speed)	36.2 mph	Speed Limit Change	Yes
85th Percentile Speed		40.2 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		32 - 41 mph	•••••	
Percentage of Vehicles in Pa	ce	86.7%		
Number of Survey Samples		105		
· · ·				
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		0		
Collision Rate (ACC/MVM)		0.00		
Expected Collisions (ACC/M	VM)	1.46		
TRAFFIC FACTORS				
Average Daily Traffic	6,457			
Type of Traffic Control	Traffic signa	al at Durham Rd; stop sign at Grimmer	Blvd	
Pedestrian Traffic	Moderate			
Truck Traffic	Low			
ROADWAY CHARACTER				
Length of Segment	3685'			
Width	58'			
Number of Lanes	EB - 1	WB - 1		
Street Classification	Collector			
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	At Onondaga Way			
On-Street Parking?	No Yes - Continuous			
Sidewalks?		nuous		
Driveways? Vertical Curve	Few			
Horizontal Curve	Yes Voc Dotw	on Opendage Dr and Berkmanders Dr		
Visibility	Good	een Onondaga Dr and Parkmeadow Dr		
Pavement Condition	Good Moderate			
Adjacent Land Use		g residential, park, and school		
Aujavent Land USe		ש ובטועבוונומו, אמות, מווע געווטטו		

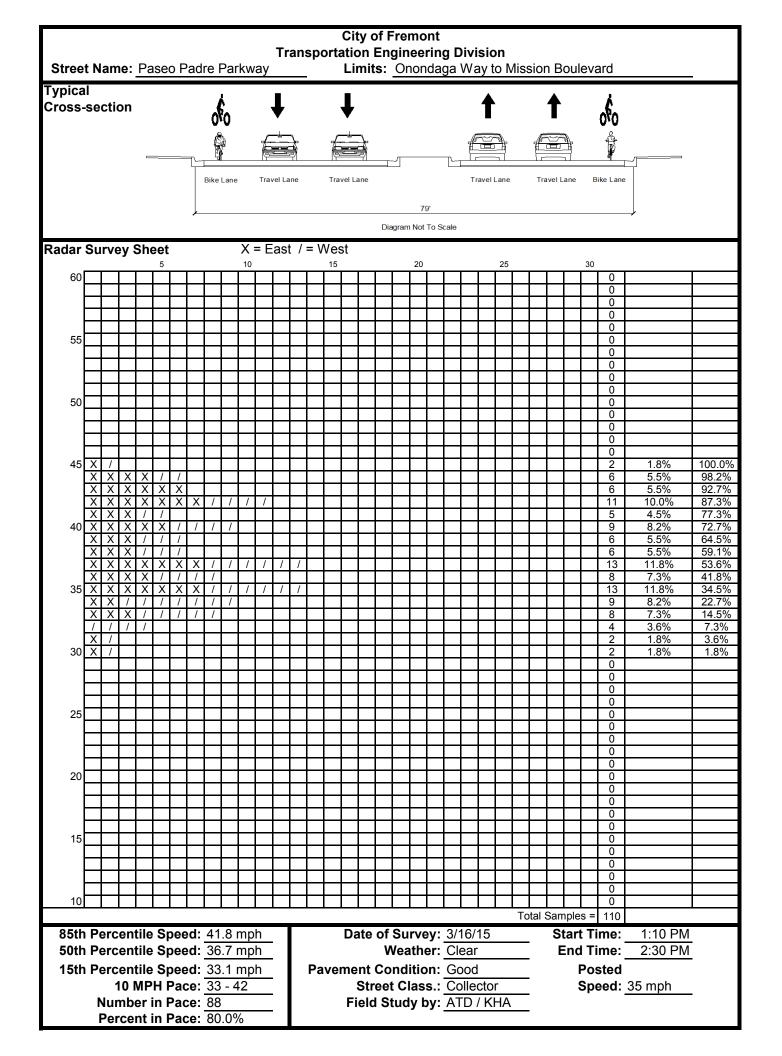
<u>COMMENTS</u> The 85th-percentile speed of 40.2 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 32 mph to 41 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.



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STREET:Paseo Padre ParFROM:Onondaga Way			SURVEY DATE:3/16/2015TO:Mission Boulevard	
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	. ,	45510 Paseo Padre Pkwy 1:10 PM - 2:30 PM 36.7 mph 41.8 mph 33 - 42 mph 80.0% 110	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	35 mph 40 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	5,198 Traffic sign Moderate Low	al at Mission Blvd		
ROADWAY CHARACTED Length of Segment Width Number of Lanes Street Classification	RISTICS 3160' 79' EB - 2 Collector	WB - 2		
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	Yes Yes At Indian H Yes Yes - Conti	ill PI and Onondaga Wy		
Driveways? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition	Yes - Cont Few Yes Yes - At Ca Good Good			
Adjacent Land Use	Non-frontin	g residential and school		

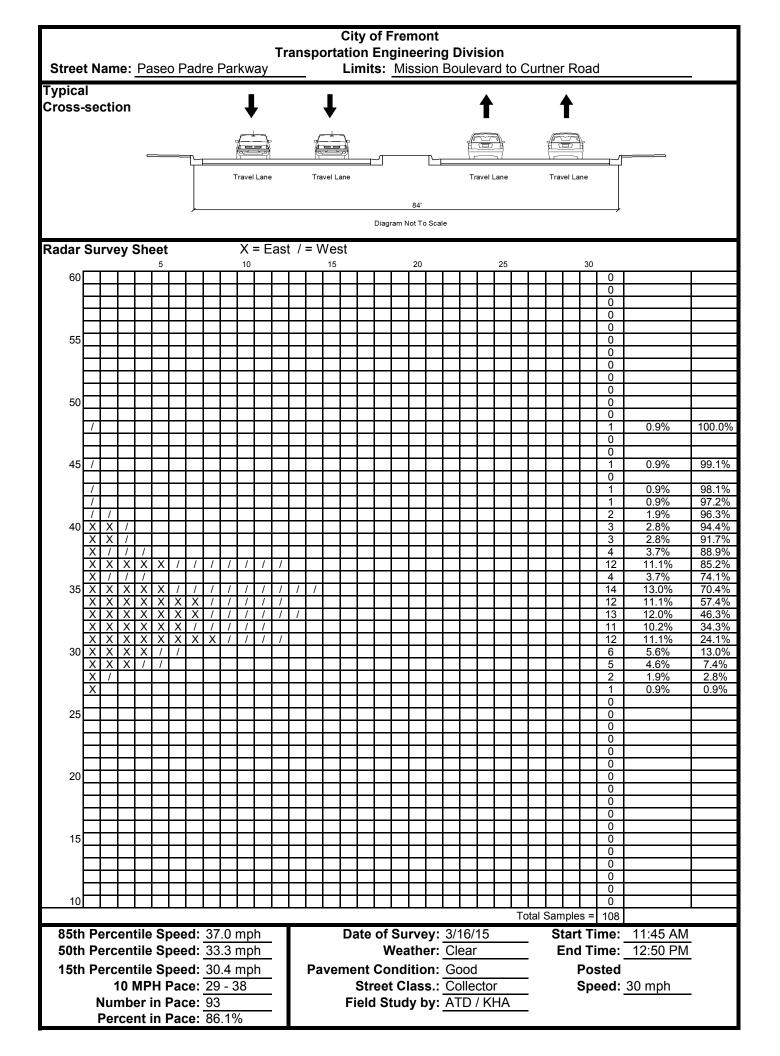
COMMENTS The 85th-percentile speed of 41.8 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 33 mph to 42 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.



111

FROM: Mission Boulevard SPEED DATA Location of Speed Survey Time of Speed Survey	45977 Paseo Padre Pkwy	TO: Curtner Road	
Location of Speed Survey	45977 Paseo Padre Pkwy		
	45977 Paseo Padre Pkwy		
Time of Speed Survey	··· ··· ,	Posted Speed Limit	30 mph
nine of Speed Survey	11:45 AM - 12:50 PM	Recommended Speed Limit	35 mph
50th Percentile Speed (Mean Spee	ed) 33.3 mph	Speed Limit Change	Yes
85th Percentile Speed	37.0 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed	29 - 38 mph		
Percentage of Vehicles in Pace	86.1%		
Number of Survey Samples	108		
COLLISION HISTORY			
Number of Years Studied	4		
Total Collisions	0		
Collision Rate (ACC/MVM)	0.00		
Expected Collisions (ACC/MVM)	1.55		
TRAFFIC FACTORS			
Average Daily Traffic 6,08	2		
	ic signal at Mission Blvd; stop sign at \$	Sundance Dr and Curtner Rd	
Pedestrian Traffic Low			
Truck Traffic Low			
ROADWAY CHARACTERISTI	CS		
Length of Segment 3216	<u>'</u>		
Width 84'			
Number of Lanes EB -	2 WB - 2		
Street Classification Colle	ector		
Divided Median? Yes			
Designated Bike Route? No			
Bike Lanes? No			
Uncontrolled Crosswalks? No			
On-Street Parking? Yes			
	- Continuous		
Driveways? Man	y		
Vertical Curve Yes			
Horizontal Curve Yes	- Between Kootenal Dr and Klamath S	t; between Sundance Dr and Curtner Rd	
Visibility Good	t		
Pavement Condition Good	t		
Adjacent Land Use Fron	ting residential		

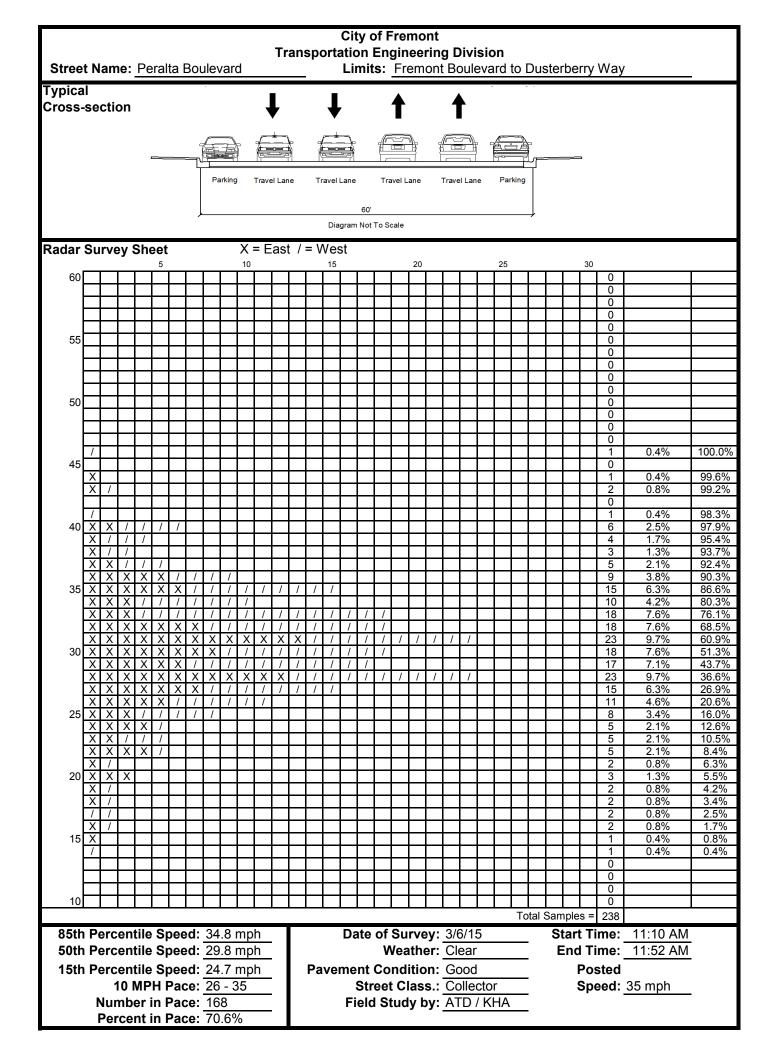
<u>COMMENTS</u> The 85th-percentile speed of 37.0 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 29 mph to 38 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 35 mph.



112

STREET: Peralta Boulevard FROM: Fremont Bouleva			SURVEY DATE: 3/6/20 TO: Dusterberry Way	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		4270 Peralta Blvd 11:10 AM - 11:52 AM 29.8 mph 34.8 mph 26 - 35 mph 70.6% 238	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	35 mph 35 mph No 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 1 0.08 1.99		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	5,462 Traffic sigr Low Low	nal at Dusterberry Wy and Fremont Bl	vd; stop sign at Maple St	
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification	RISTICS 8261' 60' EB - 2 Collector	WB - 2		
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	No No No No Yes			
Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility	Yes - Cont Few None None Good	inuous		
Pavement Condition Adjacent Land Use	Good Commercia	al		

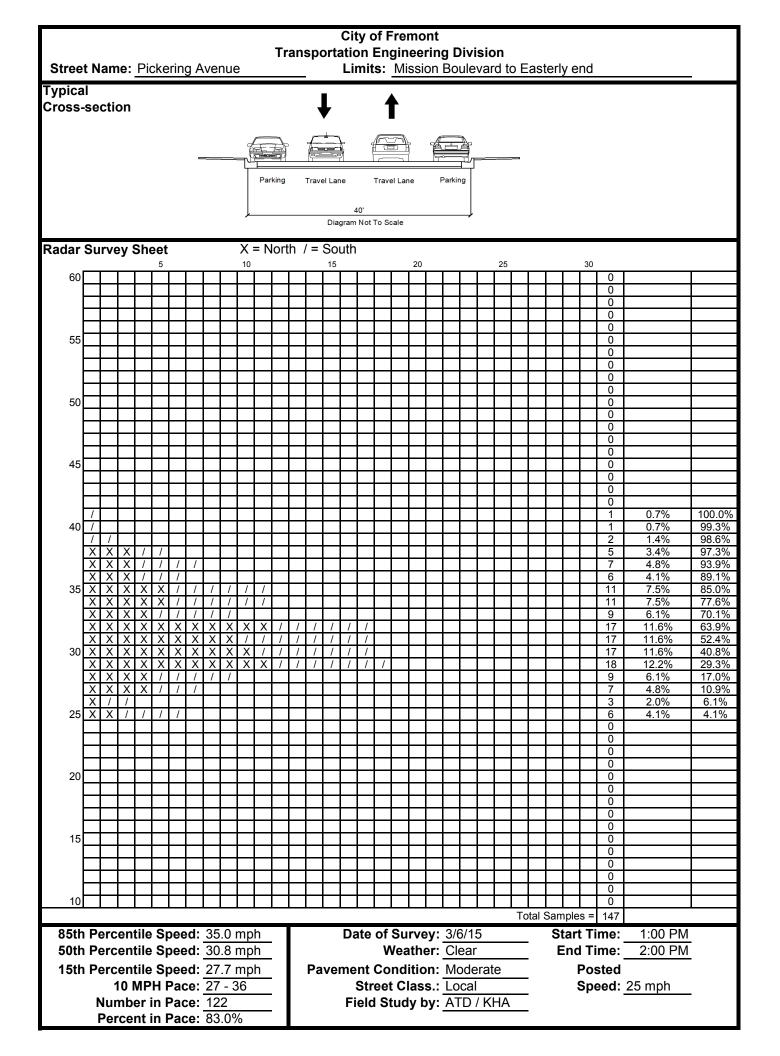
COMMENTS The 85th-percentile speed of 34.8 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 26 mph to 35 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.



113

STREET: Pickering Avenue FROM: Mission Bouleval			SURVEY DATE: 3/6/207 TO: Easterly end	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		225 Pickering Ave 1:00 PM - 2:00 PM 30.8 mph 35.0 mph 27 - 36 mph 83.0% 147	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	25 mph 30 mph Yes 85th-percentile speed downgraded 5 mph due to fronting residential
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	IVM)	4 0 0.00 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	3,439 Traffic sigr Low Low	nal at Mission Blvd; stop sign at Canyo	n Heights Dr	
ROADWAY CHARACTED Length of Segment Width Number of Lanes	2393' 40' NB - 1	SB - 1		
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	Local No No No Yes			
Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility	Yes - Cont Many	inuous of Pickering Court		
Pavement Condition Adjacent Land Use	Moderate Fronting ar	nd non-fronting residential		

<u>COMMENTS</u> The 85th-percentile speed of 35.0 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Due to the fronting residential, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the posted speed limit be increased to 30 mph, based upon downgrading the 85th-percentile indicated speed of 35 mph by 5 mph.

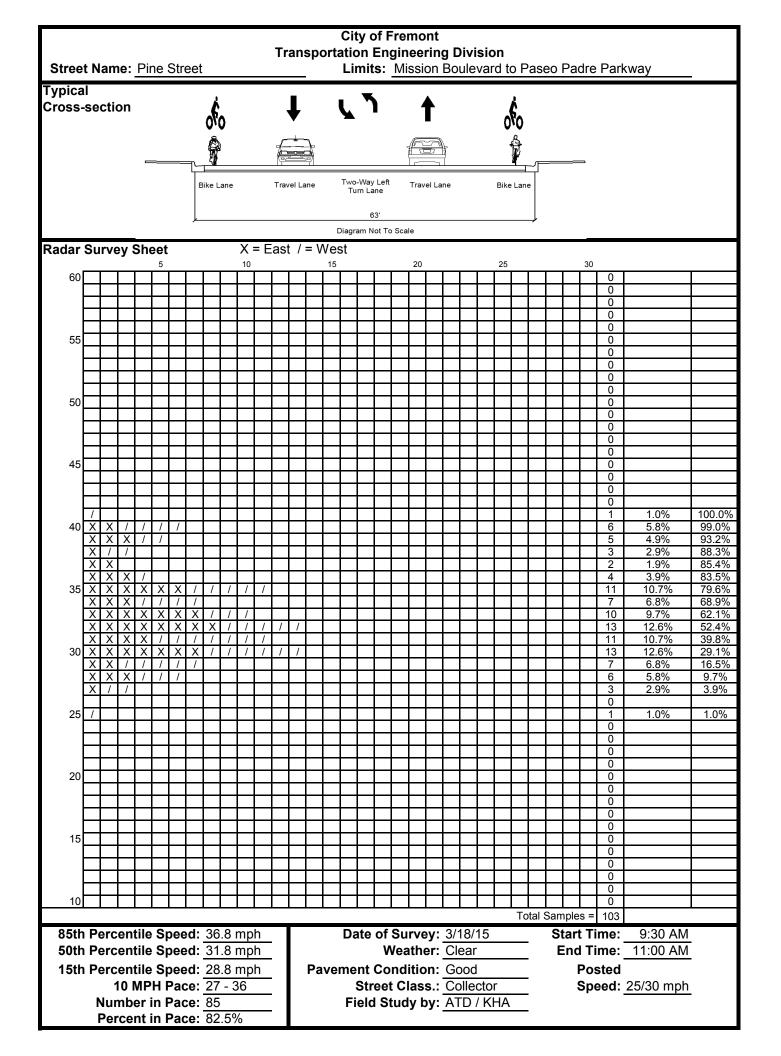


114

STREET: Pine Street			SURVEY DAT	E: 3/18/20	15
FROM: Mission Boulevard			TO: Pased	o Padre Parkw	ay
					<u>,</u>
SPEED DATA					
	Pine St - 525	Ft E. of Paseo Padre Pkwy Stop Sign	Posted Speed L	imit	25/30 mph
Time of Speed Survey		9:30 AM - 11:00 AM	Recommended		35 mph
50th Percentile Speed (Mean S	Speed)	31.8 mph	Speed Limit Cha	ange	Yes
85th Percentile Speed		36.8 mph	Speed Justification	tion	85th-percentile speed
10 mph Pace Speed		27 - 36 mph			
Percentage of Vehicles in Pac	e	82.5%			
Number of Survey Samples		103			
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		0			
Collision Rate (ACC/MVM)		0.00			
Expected Collisions (ACC/MV	M)	1.46			
TRAFFIC FACTORS					
0,	2,047				
	Traffic signa	al at Mission Blvd; stop signs at Paseo	Padre Pkwy and Ib	ero Wy	
	Low				
Truck Traffic	Low				
ROADWAY CHARACTERI					
0 0	3570'				
	63'				
	EB - 1	WB - 1			
	Collector	t turn long			
	Two-way lef Yes				
•	Yes				
	No				
	No				
0	Yes - Contir	nuous			
	Few				
-		en Ibero Wy and Nansa St			
		en Paso Padre Pkwy and Ibero Wy			
	Good	······································			
-	Good				
Adjacent Land Use	Fronting and	d non-fronting residential and park			

COMMENTS

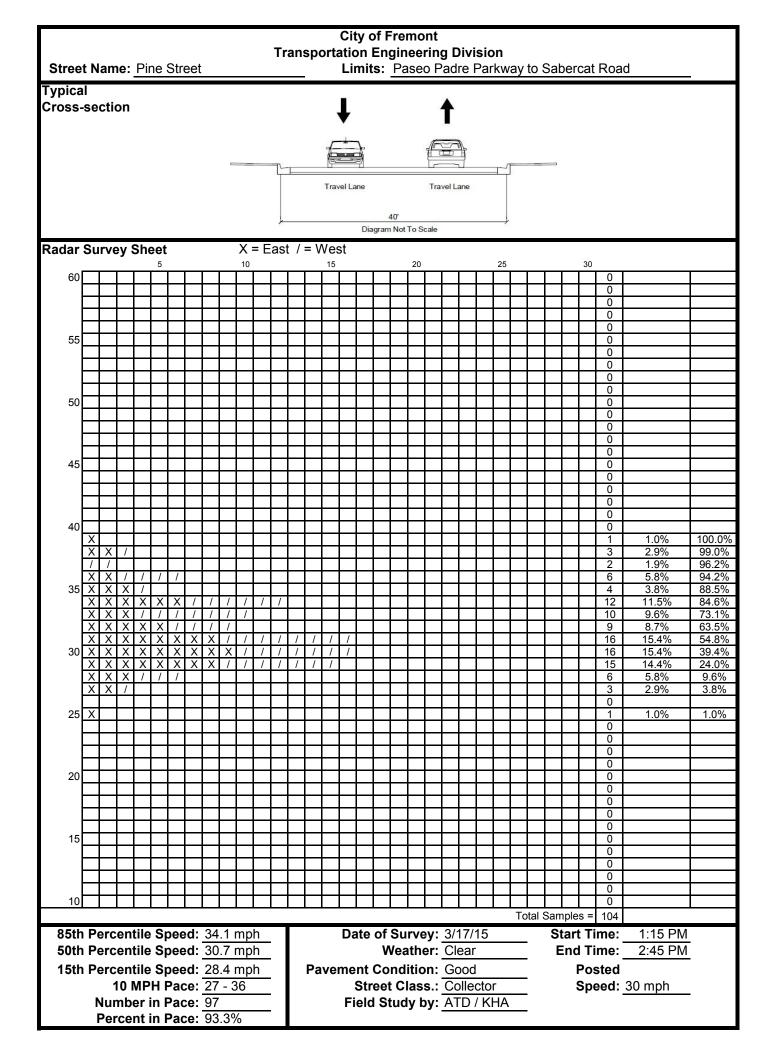
Pine Street has a speed limit of 25 mph east of Excelso Drive. The 85th-percentile speed of 36.8 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 35 mph for the whole segment.



115

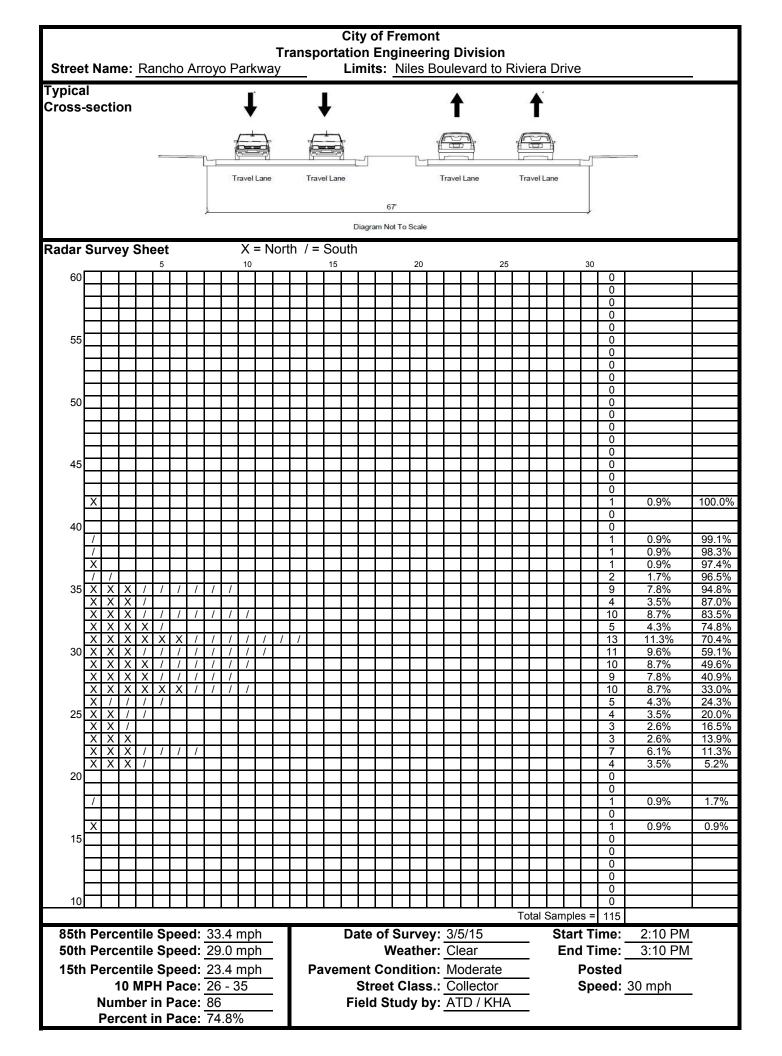
STREET: Pine Street			SURVEY DATE: 3/17/20	15
FROM: Paseo Padre Par	way		TO: Sabercat Road	
SPEED DATA				
Location of Speed Survey	Pine St - 20	00 Ft S. of Southerland Way	Posted Speed Limit	30 mph
Time of Speed Survey		1:15 PM - 2:45 PM	Recommended Speed Limit	35 mph
50th Percentile Speed (Mean	Speed)	30.7 mph	Speed Limit Change	Yes
85th Percentile Speed	• •	34.1 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		27 - 36 mph	•	
Percentage of Vehicles in Pa	се	93.3%		
Number of Survey Samples		104		
• 1				
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		0		
Collision Rate (ACC/MVM)		0.00		
Expected Collisions (ACC/M	VM)	1.46		
	,			
TRAFFIC FACTORS				
Average Daily Traffic	1,112			
Type of Traffic Control		at Sabaraat Rd and Rasaa Radro Rkun	,	
Pedestrian Traffic	Low	at Sabercat Rd and Paseo Padre Pkwy		
Truck Traffic	Low			
	LUW			
ROADWAY CHARACTER Length of Segment				
Width	6936'			
	40'			
Number of Lanes	EB - 1	WB - 1		
Street Classification	Collector			
Divided Median?	No			
Designated Bike Route? Bike Lanes?	No			
	No			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No Nos Canti			
Sidewalks?	Yes - Conti	inuous		
Driveways?	Few hotom			
Vertical Curve		een Rosemer Dr and Sky Rd		
Horizontal Curve		een Sabercat Rd and Greenhills Wy; be	etween Rosemer Dr and Skye Rd	
Visibility	Good			
Pavement Condition	Good	a residential		
Adjacent Land Use	Non-frontin	g residential		
COMMENTS				

<u>COMMENTS</u> The 85th-percentile speed of 34.1 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 35 mph.



CITY OF FREMONT ENGINEERING AND TRAFFIC SURVEY				
STREET: Ranc	ho Arroyo Parkway		SURVEY DATE: 3/5/201	5
FROM: Niles	Boulevard		TO: Riviera Drive	
SPEED DATA Location of Speed Time of Speed Su 50th Percentile Sp 85th Percentile Sp 10 mph Pace Spee Percentage of Vel Number of Survey	rvey beed (Mean Speed) beed ed nicles in Pace	405 Rancho Arroyo Parkway 2:10 PM - 3:10 PM 29.0 mph 33.4 mph 26 - 35 mph 74.8% 115	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	30 mph 30 mph No 85th-percentile speed rounded down per CVC Section 21400(b)
COLLISION HIS Number of Years Total Collisions Collision Rate (AC Expected Collision	STORY Studied CC/MVM)	4 0 0.00 1.99		
TRAFFIC FACT Average Daily Tra Type of Traffic Co Pedestrian Traffic Truck Traffic	ffic 2,658 Introl Stop sign a	at Niles Blvd		
Length of Segmer Width Number of Lanes Street Classificati Divided Median? Designated Bike F Bike Lanes?	67' EB - 2 Collector Yes Route? No No	WB - 2		
Uncontrolled Cros On-Street Parking Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Conditi Adjacent Land Us	 No No Few Yes - betw None Good On Moderate 	ct, De Valle Ct reen Serpa Ct and De Valle Ct esidential and apartments		

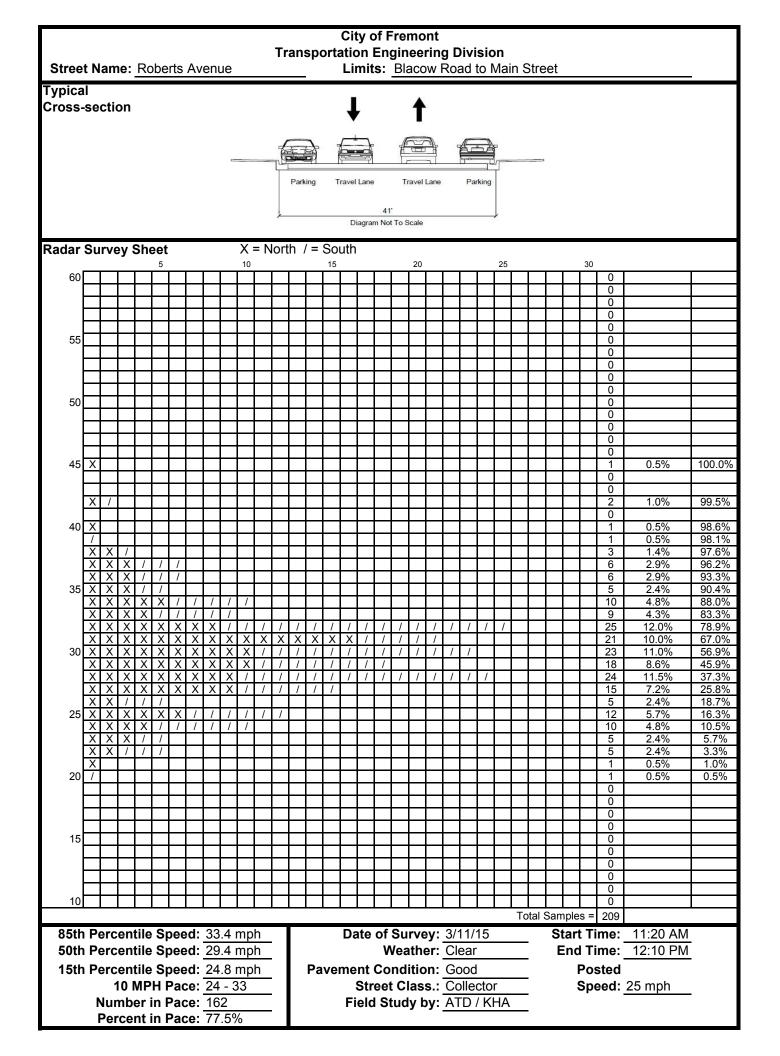
COMMENTS The 85th-percentile speed of 33.4 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 26 mph to 35 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 30 mph.



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STREET: Roberts Avenue			SURVEY DATE: 3/11/20	15
FROM: Blacow Road			TO: Main Street	
SPEED DATA				
Location of Speed Survey		41705 Roberts Avenue	Posted Speed Limit	25 mph
Time of Speed Survey		11:20 AM - 12:10 PM	Recommended Speed Limit	30 mph
50th Percentile Speed (Mean	Speed)	29.4 mph	Speed Limit Change	Yes
85th Percentile Speed		33.4 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		24 - 33 mph		rounded down per CVC
Percentage of Vehicles in Pa	ice	77.5%		Section 21400(b)
Number of Survey Samples		209		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		1		
Collision Rate (ACC/MVM)		0.17		
Expected Collisions (ACC/M	VM)	1.46		
TRAFFIC FACTORS				
Average Daily Traffic	5,941			
Type of Traffic Control	Traffic sign	al at Washington Blvd; stop sign at Bl	acow Rd, Carol Ave, and Main St	
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTER	POITPIS			
Length of Segment	3490'			
Width	3 4 30 41'			
Number of Lanes		SB - 1		
Street Classification	Collector			
Divided Median?	No			
Designated Bike Route?	Yes			
Bike Lanes?	No			
Uncontrolled Crosswalks?	At Haven A	ve		
On-Street Parking?	Yes			
Sidewalks?	Yes - Conti	nuous		
Driveways?	Many			
Vertical Curve	None			
Horizontal Curve	None			
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use		d non-fronting residential, apartments	and church	
	i ionting an	a non noning rootaoniai, aparimente		

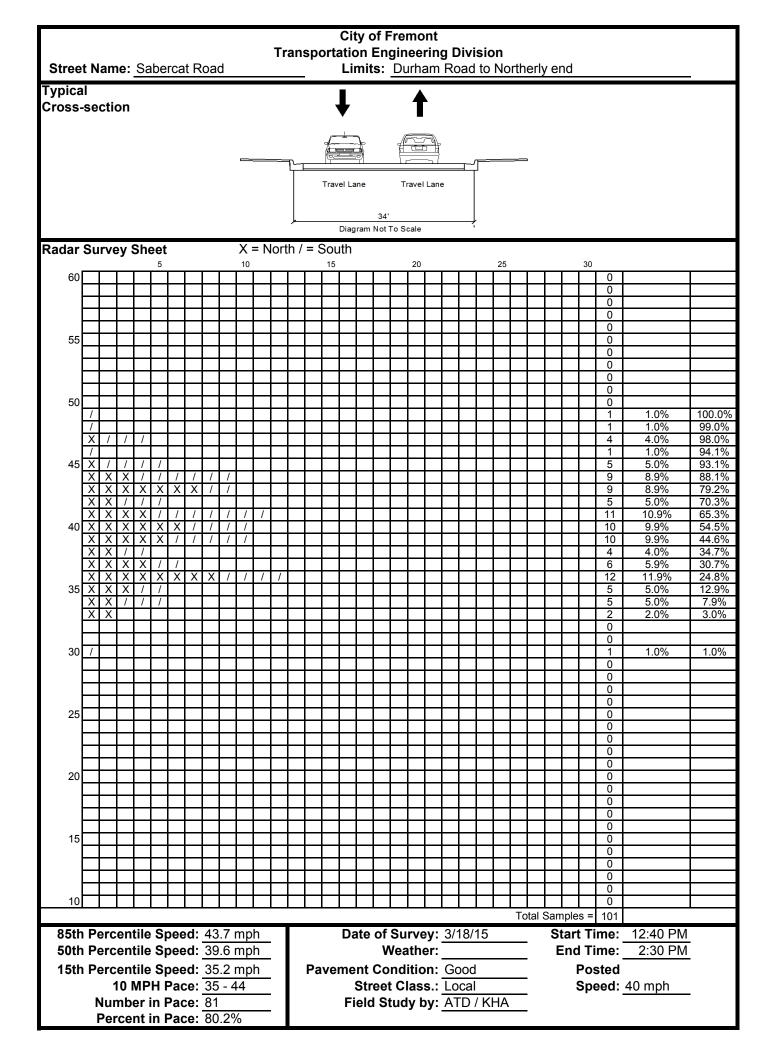
COMMENTS The 85th-percentile speed of 33.4 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 24 mph to 33 mph and the suggested speed limit does not fall within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit be increased to 30 mph.



118

STREET:Sabercat RoadFROM:Durham Road				URVEY DA O: Nor	TE: therly er	3/18/20 nd	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		43326 Sabercat Road 12:40 PM - 2:30 PM 39.6 mph 43.7 mph 35 - 44 mph 80.2% 101	R S	osted Speed ecommende peed Limit C peed Justific	d Spee hange	d Limit	40 mph 40 mph No 85th-percentile speed rounded down per CVC Section 21400(b)
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.46					
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	1,480 Signal at E Low Low	Durham Road					
ROADWAY CHARACTEI Length of Segment Width	RISTICS 5450' 34'						
Number of Lanes Street Classification Divided Median? Designated Bike Route?	NB - 1 Local None No	SB - 1					
Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	No No No No						
Driveways? Vertical Curve Horizontal Curve Visibility	Yes - Appr Fair	oximately northern 1700' oximately northern 1700'					
Pavement Condition Adjacent Land Use	Good Rural and	non-fronting residential					

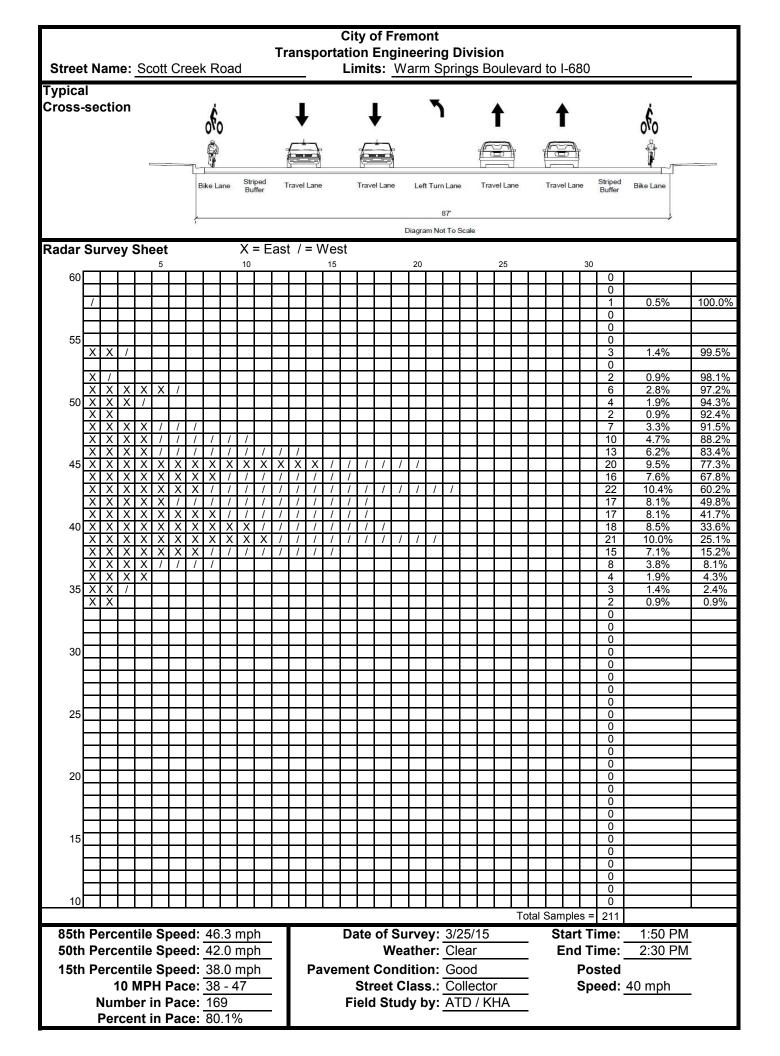
COMMENTS The 85th-percentile speed of 43.7 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit does not fall within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 40 mph.



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		J.

STREET: Scott Creek Road	b		SURVEY DATE: 3/25/2	015
FROM: Warm Springs Bo	oulevard		TO: I-680	
SPEED DATA				
Location of Speed Survey		350 ft E/O Yampa Road	Posted Speed Limit	40 mph
Time of Speed Survey		1:50 PM - 2:30 PM	Recommended Speed Limi	•
50th Percentile Speed (Mear	n Speed)	42.0 mph	Speed Limit Change	Yes
85th Percentile Speed	epood)	46.3 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		38 - 47 mph		p p
Percentage of Vehicles in Pa	ace	80.1%		
Number of Survey Samples		211		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		2		
Collision Rate (ACC/MVM)		0.10		
Expected Collisions (ACC/M	VM)	1.99		
TRAFFIC FACTORS				
Average Daily Traffic	26,784			
Type of Traffic Control	,	nal at Warm Springs Blvd		
Pedestrian Traffic	Low			
Truck Traffic	Low			
	2011			
ROADWAY CHARACTE	RISTICS			
Length of Segment	2730'			
Width	87'			
Number of Lanes	EB - 1/2	WB - 1/2		
Street Classification	Collector			
Divided Median?	No			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	Yes - Cont	inuous		
Driveways?	Few			
Vertical Curve	None			
Horizontal Curve	None			
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use		ng residential		
		~		

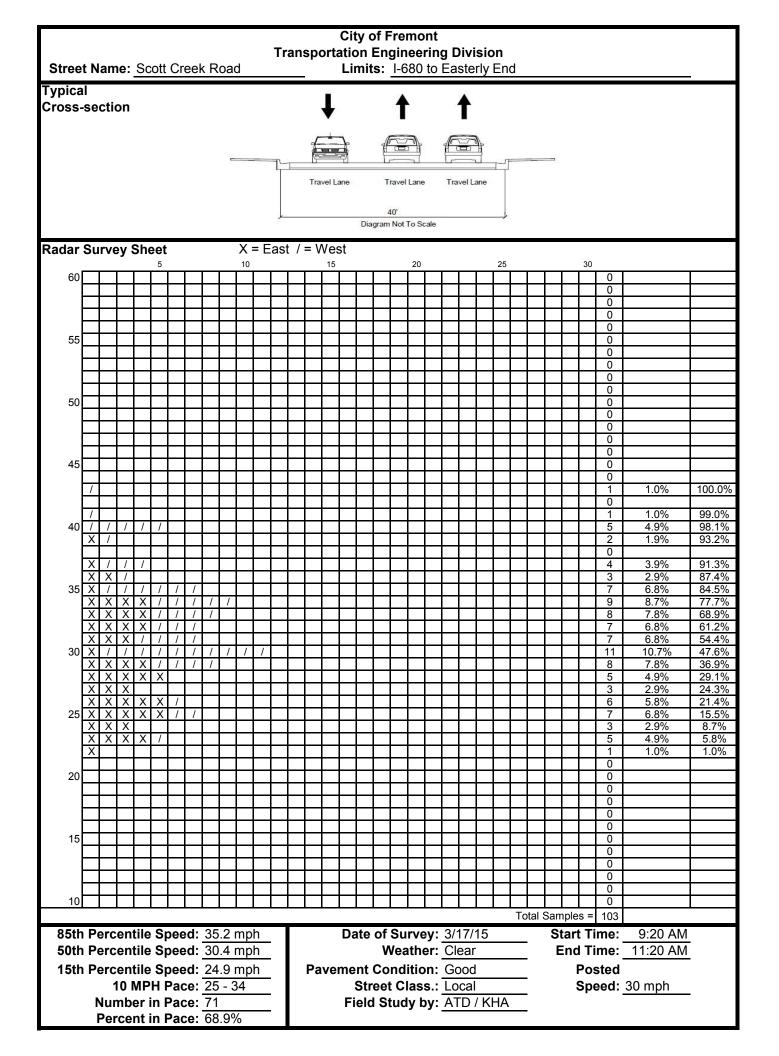
<u>COMMENTS</u> The 85th-percentile speed of 46.3 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 38 mph to 47 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.



120

STREET: Scott Creek Road	d		SUR\ TO:	/EY DATE: Easterly Er	3/17/20	115
SPEED DATA						
Location of Speed Survey		1665 Scott Creek Road		d Speed Limit		30 mph
Time of Speed Survey		9:20 AM - 11:20 AM		nmended Spee		
50th Percentile Speed (Mear	n Speed)	30.4 mph		Limit Change		Yes
85th Percentile Speed		35.2 mph	Speed	Justification		85th-percentile speed
10 mph Pace Speed		25 - 34 mph				
Percentage of Vehicles in Pa	ace	68.9%				
Number of Survey Samples		103				
COLLISION HISTORY						
Number of Years Studied		4				
Total Collisions		4 0				
Collision Rate (ACC/MVM)		0.00				
Expected Collisions (ACC/M	VM)	1.46				
	····/					
TRAFFIC FACTORS						
Average Daily Traffic	1,031					
Type of Traffic Control	Stop sign a	at Green Valley Rd				
Pedestrian Traffic	Moderate	2				
Truck Traffic	Low					
ROADWAY CHARACTER	<u>RISTICS</u>					
Length of Segment	4185'					
Width	40'					
Number of Lanes	EB -1 /2	WB - 1				
Street Classification	Local					
Divided Median?	No					
Designated Bike Route?	No					
Bike Lanes?	No					
Uncontrolled Crosswalks?	No					
On-Street Parking?	No					
Sidewalks?	No					
Driveways?	Few					
Vertical Curve	Yes - 300'	E/O Green Valley Rd				
Horizontal Curve		E/O Green Valley Rd				
Visibility	Good					
Pavement Condition	Good					
Adjacent Land Use	Non-fronti	ng residential and church				
		<u> </u>				

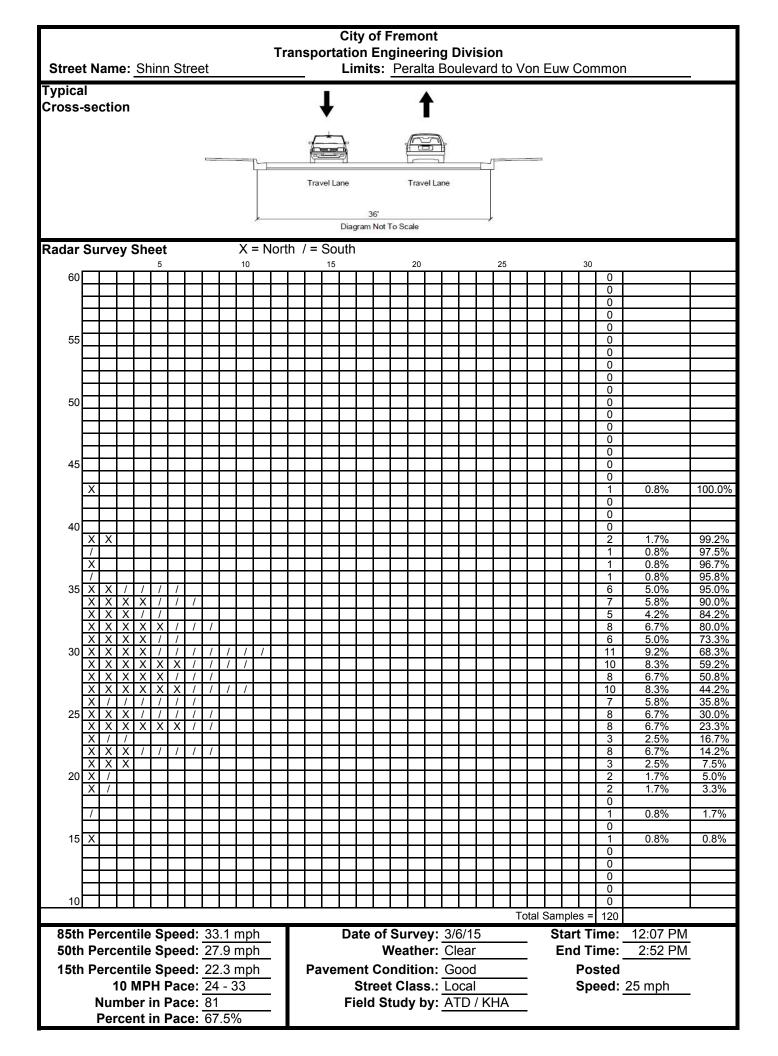
COMMENTS The 85th-percentile speed of 35.2 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 25 mph to 34 mph and the suggested speed limit does not fall within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 35 mph.



121

STREET: Shinn Street FROM: Peralta Boulevar	d	SURVEY DATE: 3/6/201 TO: Von Euw Common	5
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	33.1 mph 24 - 33 mph	urt Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	25 mph 30 mph Yes 85th-percentile speed rounded down per CVC Section 21400(b)
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	4 0 0.00 ₩M) 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	769 Stop sign at Peralta Blvd Low Moderate		
ROADWAY CHARACTE Length of Segment Width Number of Lanes Street Classification	RISTICS 1522' 36' NB - 1 SB - 1 Local		
Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	No No No No Yes - Continuous		
Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Few None Good Good Non-fronting residential and industria	al	

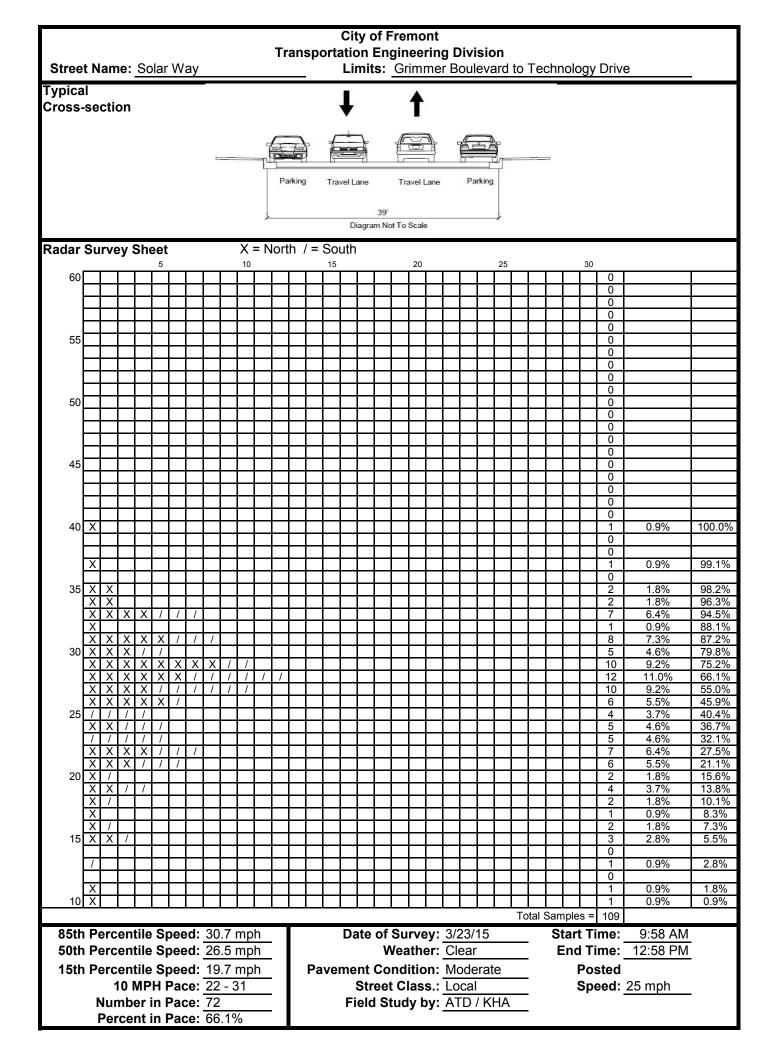
COMMENTS The 85th-percentile speed of 33.1 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 24 mph to 33 mph and the suggested speed limit does not fall within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit be increased to 30 mph.



122

STREET: Solar Way FROM: Grimmer Bouleva	ard		SURVEY DATE: 3/23/20 TO: Technology Drive	015
SPEED DATA				
Location of Speed Survey		4248 Solar Way	Posted Speed Limit	25 mph
Time of Speed Survey		9:58 AM - 12:58 PM	Recommended Speed Limit	•
50th Percentile Speed (Mear	n Speed)	26.5 mph	Speed Limit Change	Yes
85th Percentile Speed	· opeca,	30.7 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		22 - 31 mph		
Percentage of Vehicles in Pa	ace	66.1%		
Number of Survey Samples		109		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		0		
Collision Rate (ACC/MVM)		0.00		
Expected Collisions (ACC/M	IVM)	1.46		
TRAFFIC FACTORS				
Average Daily Traffic	1,183			
Type of Traffic Control	Stop signs	at Grimmer Blvd, Technology Dr		
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTE				
Length of Segment	1680'			
Width	39'			
Number of Lanes	NB - 1	SB - 1		
Street Classification Divided Median?	Local			
Designated Bike Route?	No No			
Bike Lanes?	No			
Uncontrolled Crosswalks?	No			
On-Street Parking?	Yes			
Sidewalks?	Yes - Disc	ontinuous		
Driveways?	Few	onundous		
Vertical Curve	None			
Horizontal Curve		veen 4273 and 4311 Solar Way		
Visibility	Good			
Pavement Condition	Moderate			
Adjacent Land Use	Office			
Aujuoont Lund 036	Onice			

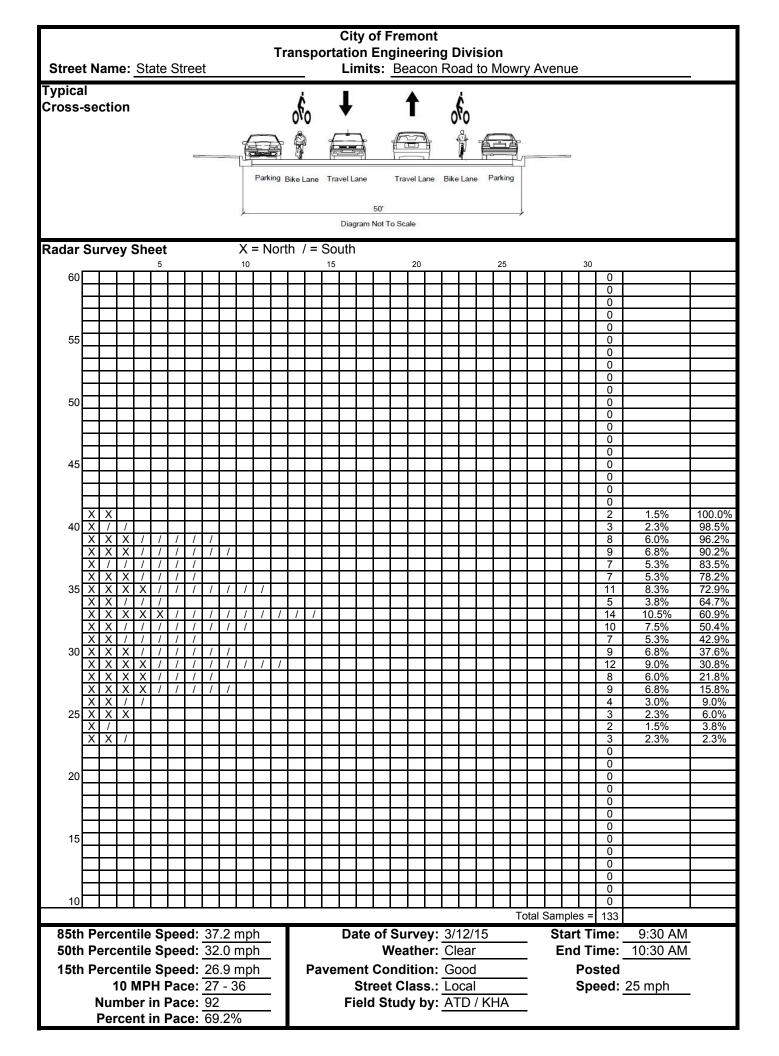
<u>COMMENTS</u> The 85th-percentile speed of 30.7 mph indicates a 30 mph speed limit. The 10 mph pace ranges from 22 mph to 31 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 30 mph.



123

STREET:State StreetFROM:Beacon Road			SURVEY DATE: 3/12/20 TO: Mowry Avenue)15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		39168 State Street 9:30 AM - 10:30 AM 32.0 mph 37.2 mph 27 - 36 mph 69.2% 133	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	25 mph 35 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	IVM)	4 1 0.67 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	3,508 Traffic sign Low Low	al at Mowry Ave; stop sign at l	Beacon Ave	
ROADWAY CHARACTEF Length of Segment Width	RISTICS 1537' 50'			
Number of Lanes Street Classification Divided Median?	NB - 1 Local No	SB - 1/2		
Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	No No At Capitola No	Ave		
Sidewalks? Driveways? Vertical Curve	Yes - Conti Few None	nuous		
Horizontal Curve Visibility Pavement Condition Adjacent Land Use	None Good Good Non-frontin	g residential, apartments, offic	e and commercial	

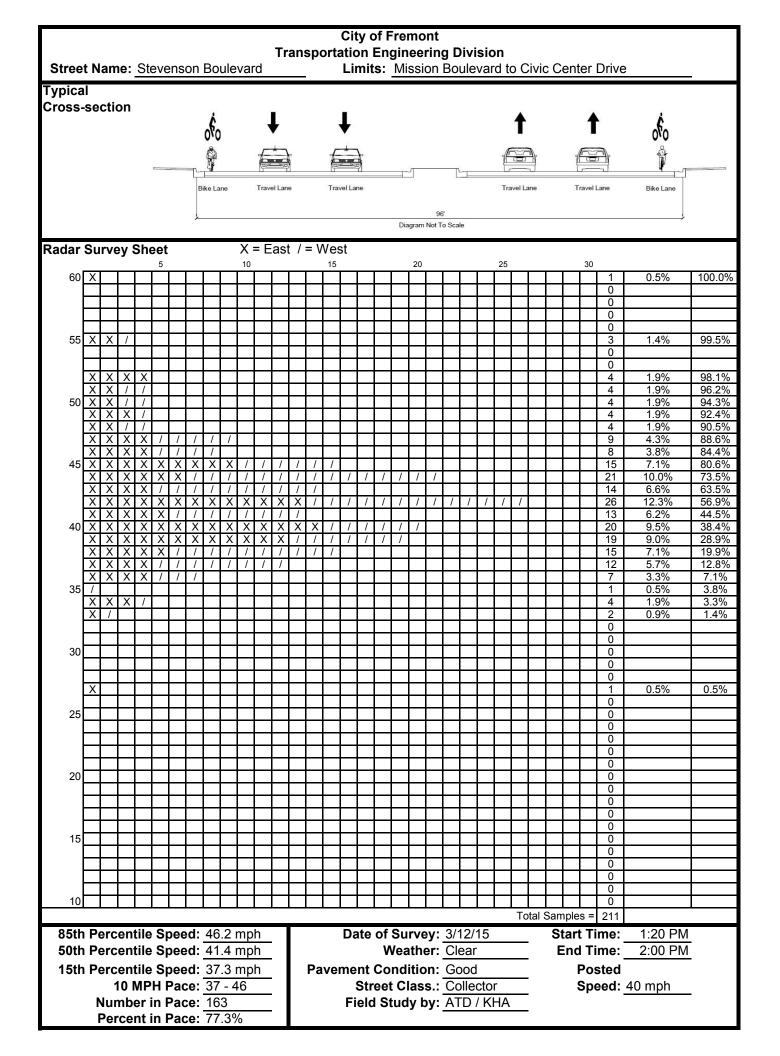
<u>COMMENTS</u> The 85th-percentile speed of 37.2 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate for this segment is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 35 mph.



124

STREET:Stevenson BoulevanFROM:Mission Boulevan			SURVEY DATE: 3/12 TO: Civic Center Driv	/2015 e	
SPEED DATA Location of Speed Survey		2200 Stevenson Boulevard	Posted Speed Limit	40 mph	
Time of Speed Survey		1:20 PM - 2:00 PM	Recommended Speed Linn	•	
50th Percentile Speed (Mean	Speed)		Speed Limit Change	Yes	
85th Percentile Speed (Mean	Speed)	41.4 mph	Speed Justification	85th-percentile speed	
10 mph Pace Speed		46.2 mph	Speed Justification	85th-percentile speed	
Percentage of Vehicles in Pa		37 - 46 mph			
Number of Survey Samples	ice	77.3% 211			
Number of Survey Samples		211			
COLLISION HISTORY					
Number of Years Studied		4			
Total Collisions		4			
Collision Rate (ACC/MVM)		0.03			
Expected Collisions (ACC/MVM)	VM)	1.55			
Expected Collisions (ACC/M	v ivi <i>)</i>	1.55			
TRAFFIC FACTORS					
Average Daily Traffic	19,887				
Type of Traffic Control	Traffic signals at Mission Blvd, Gallaudet Dr, Civic Center Dr				
Pedestrian Traffic	Low				
Truck Traffic	Moderate				
ROADWAY CHARACTER					
Length of Segment	5292'				
Width	96'				
Number of Lanes	EB - 2/3	WB - 2/3			
Street Classification	Collector				
Divided Median?	Yes				
Designated Bike Route?	Yes				
Bike Lanes?	Yes				
Uncontrolled Crosswalks?	No				
On-Street Parking?	No Voc Conti				
Sidewalks?	Yes - Conti	inuous			
Driveways?	Few				
Vertical Curve	None	an Alberty Common and Civic Contar	Dr		
Horizontal Curve		een Albany Common and Civic Center	וט		
Visibility	Good				
Pavement Condition	Good	a residential another state state of	tment next office and activity	ar the deef	
Adjacent Land Use	Non-frontin	g residential, apartments, police depar	tment, park, office, and school f	or the deat	

<u>COMMENTS</u> The 85th-percentile speed of 46.2 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 37 mph to 46 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 45 mph.



STREET:	Stevenson Boule	vard			Y DATE: 3/12/20)15
FROM:	Civic Center Driv	e		TO:	Fremont Boulevard	
<u>SPEED DA</u>						
	Speed Survey		515 ft S/O Liberty Square		peed Limit	40 mph
Time of Spe			12:00 PM - 12:50 PM	Recomm	ended Speed Limit	40 mph
50th Percen	tile Speed (Mear	n Speed)	37.2 mph	Speed Li	mit Change	No
85th Percen			41.9 mph	Speed Ju	ustification	85th-percentile speed
10 mph Pace	-		33 - 42 mph			
	of Vehicles in Pa	ace	75.7%			
Number of S	Survey Samples		214			
	<u>N HISTORY</u>					
Number of Y	ears Studied		4			
Total Collisi			6			
	te (ACC/MVM)		0.20			
Expected Co	ollisions (ACC/M	VM)	1.55			
TRAFFIC F Average Dai Type of Traf Pedestrian T Truck Traffic	ly Traffic fic Control Fraffic	26,007 Traffic sigr Moderate Moderate	nals Civic Center Dr, Paseo Padre F	Pkwy, Liberty St,	Leslie St, Fremont Bl	vd
Length of Se	<u>Y CHARACTEI</u>	4260'				
Width	eginent	4200 107'				
Number of L	anes	EB - 3	WB - 3			
Street Class		Arterial	WB - 3			
Divided Med		Yes				
	Bike Route?	Yes				
Bike Lar		Yes				
	d Crosswalks?	No				
On-Street Pa		No				
Sidewalks?	J	Yes - Cont	tinuous			
Driveways?		Few				
Vertical Cur	ve	None				
Horizontal C	urve	Yes - betw	een Civic Center Dr and Paseo Pac	dre Pkwy		
Visibility		Good				
Pavement C	ondition	Good				
		Man franki		the first of the second		

COMMENTS

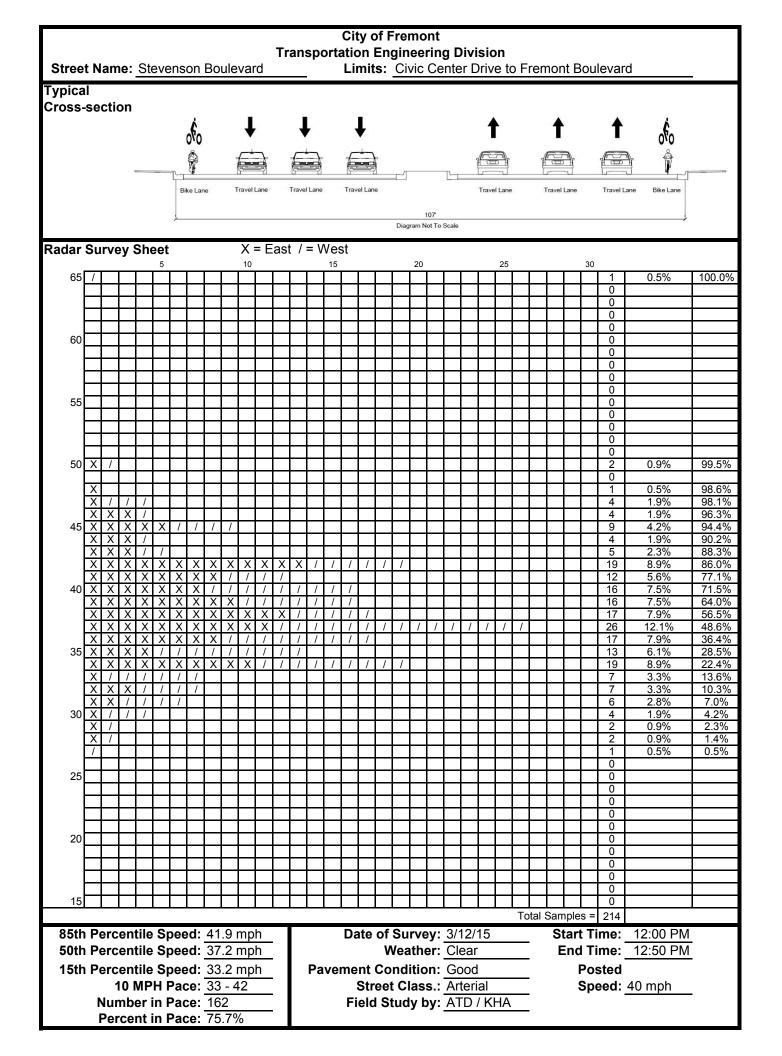
Adjacent Land Use

The 85th-percentile speed of 41.9 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 33 mph to 42 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 40 mph.

Non-fronting residential, apartments, commercial, and library

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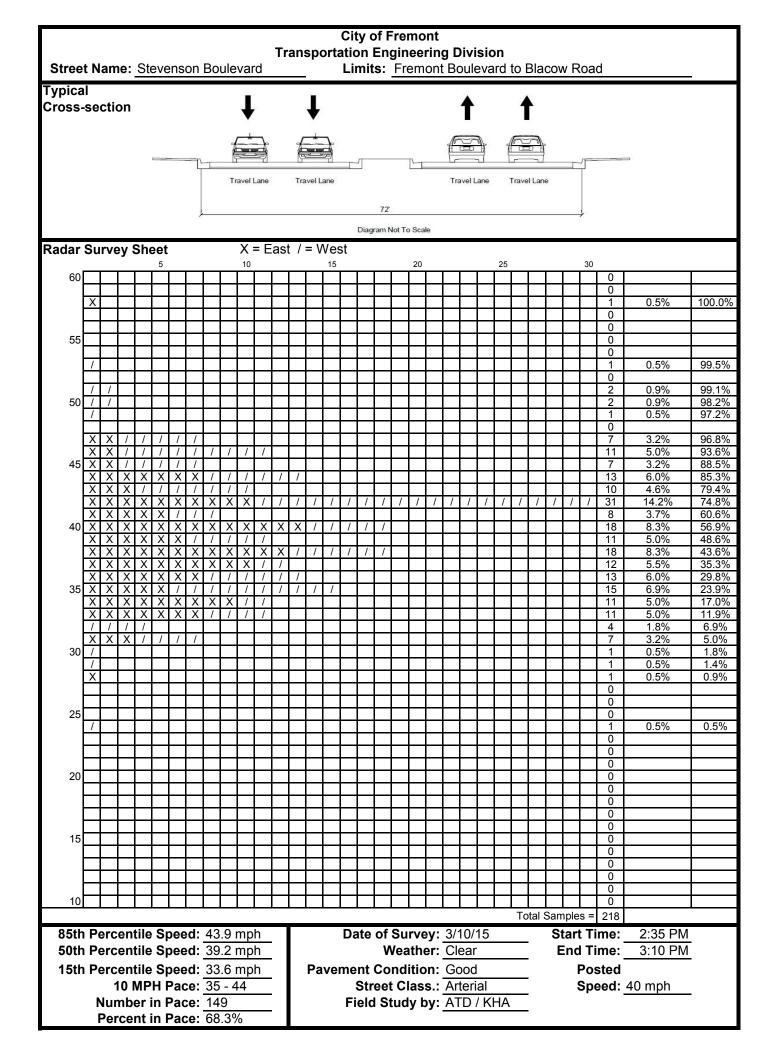
125



CITY OF FREMONT 126 ENGINEERING AND TRAFFIC SURVEY STREET: Stevenson Boulevard SURVEY DATE: 3/10/2015 FROM: Fremont Boulevard TO: Blacow Road SPEED DATA Location of Speed Survey 4462 Stevenson Boulevard **Posted Speed Limit** 40 mph Recommended Speed Limit 40 mph Time of Speed Survey 2:35 PM - 3:10 PM 50th Percentile Speed (Mean Speed) **Speed Limit Change** 39.2 mph No 85th Percentile Speed Speed Justification 85th-percentile speed 43.9 mph rounded down per CVC 10 mph Pace Speed 35 - 44 mph Section 21400(b) Percentage of Vehicles in Pace 68.3% **Number of Survey Samples** 218 **COLLISION HISTORY** Number of Years Studied 4 **Total Collisions** 9 Collision Rate (ACC/MVM) 0.17 Expected Collisions (ACC/MVM) 1.55 TRAFFIC FACTORS **Average Daily Traffic** 36.892 Type of Traffic Control Traffic signals at Blacow Rd, Sundale Dr, Besco Dr, Davis St, and Fremont Blvd Pedestrian Traffic Low Truck Traffic Moderate **ROADWAY CHARACTERISTICS** Length of Segment 5303' Width 72' Number of Lanes EB - 2/3 WB - 2/3 Street Classification Arterial **Divided Median?** Yes **Designated Bike Route?** No **Bike Lanes?** Yes Uncontrolled Crosswalks? No **On-Street Parking?** No Sidewalks? No **Driveways?** Few Vertical Curve None **Horizontal Curve** None Visibilitv Good **Pavement Condition** Good Adjacent Land Use Non-fronting residential, apartments, commercial, and school

COMMENTS

The 85th-percentile speed of 43.9 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit does not fall within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 40 mph.

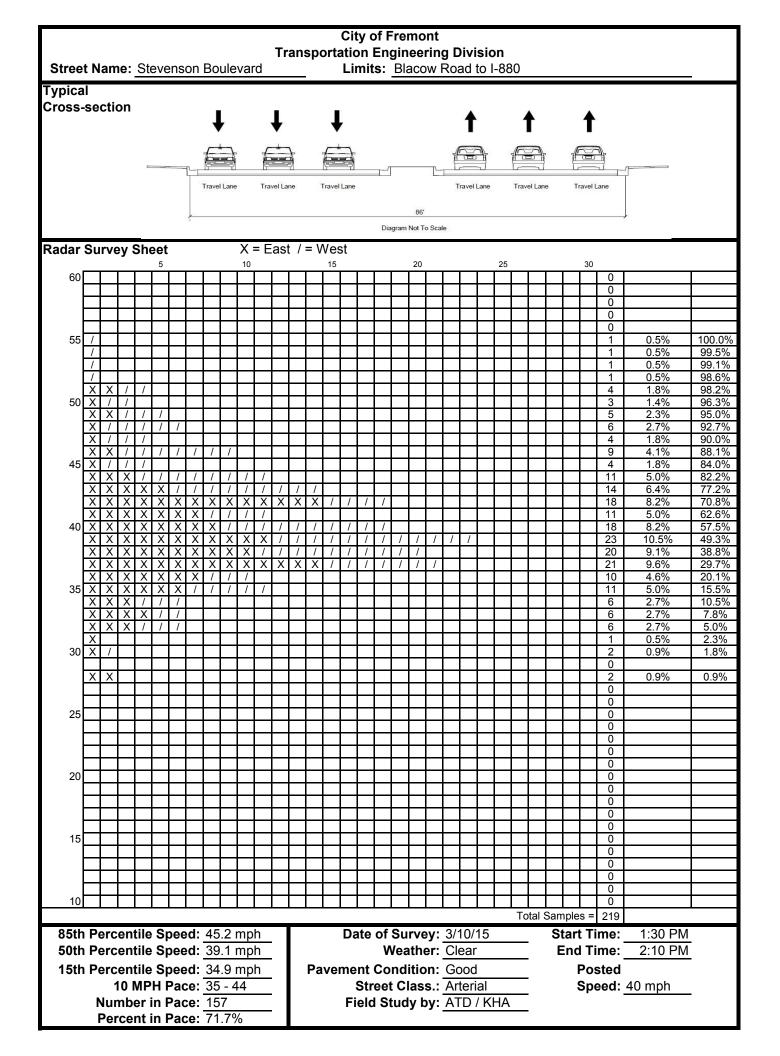


STREET: Stevenson Boule	vard		SURVEY DATE: 3/10	/2015
FROM: Blacow Road			TO: I-880	
SPEED DATA				
Location of Speed Survey		450 ft N/O Omar St/ Blacow Rd	Posted Speed Limit	40 mph
Time of Speed Survey		1:30 PM - 2:10 PM	Recommended Speed Lin	nit 40 mph
50th Percentile Speed (Mean	Speed)	39.1 mph	Speed Limit Change	No
85th Percentile Speed		45.2 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		35 - 44 mph		downgraded 5 mph due
Percentage of Vehicles in Pa	ace	71.7%		to pace and consistency
Number of Survey Samples		219		with adjacent segments
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		6		
Collision Rate (ACC/MVM)		0.18		
Expected Collisions (ACC/M	VIVI)	1.55		
TRAFFIC FACTORS	45.007			
Average Daily Traffic	45,627	and at 1,000 Demons, Orner Ct. and Die	new Deed	
Type of Traffic Control Pedestrian Traffic	-	nals at I-880 Ramps, Omar St, and Bla	cow Road	
	Moderate			
Truck Traffic	Moderate			
ROADWAY CHARACTER	RISTICS			
Length of Segment	2582'			
Width	86'			
Number of Lanes	EB - 3	WB - 3		
Street Classification	Arterial			
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	Yes - Con	tinuous		
Driveways?	Few			
Vertical Curve	Yes - I-880) overpass		
Horizontal Curve	None	-		
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Non-fronti	ng residential, commercial, and school		

COMMENTS The 85th-percentile speed of 45.2 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit does not fall within this range. The collision rate for this segment is below the expected rate. Due to the pace speed and to be consistent with the adjacent segments, a downgrading of the speed lmit by 5 mph is justified. Therefore, it is recommended that the posted speed limit remains at 40 mph, based upon downgrading the 85th-percentile indicated speed of 45 mph by 5 mph.

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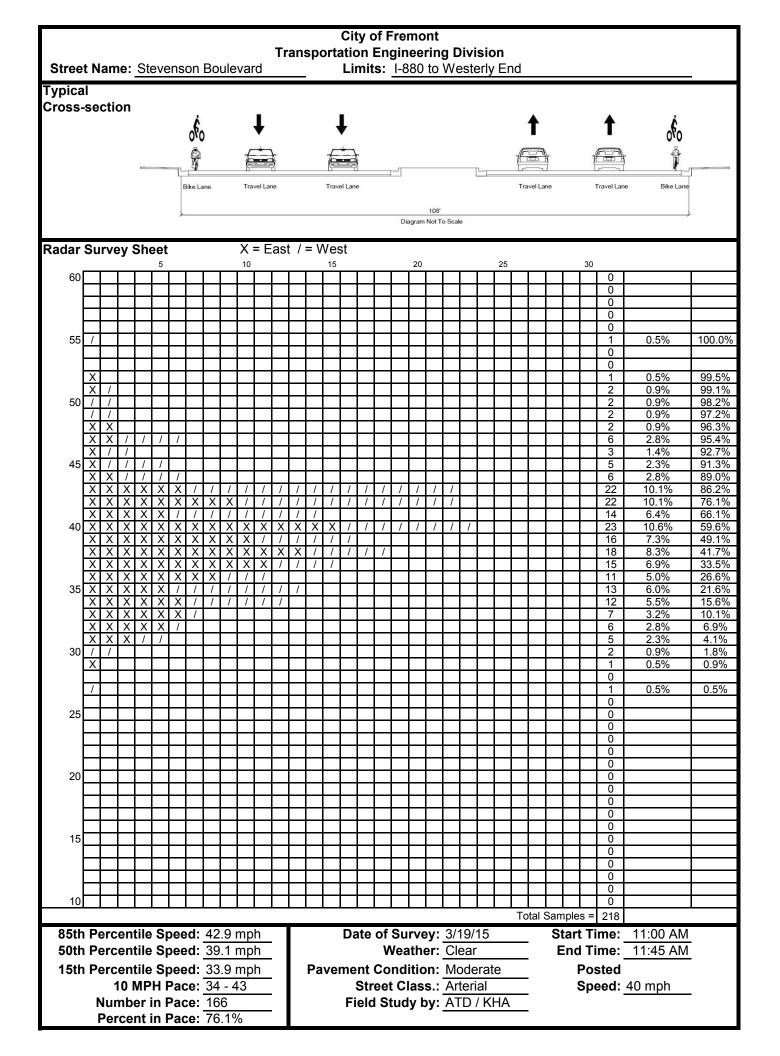
127



128

STREET: Stevenson Boule FROM: I-880	vard		SURVEY DATE: 3/19/20 TO: Westerly End	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	. ,	6346 Stevenson Boulevard 11:00 AM - 11:45 AM 39.1 mph 42.9 mph 34 - 43 mph 76.1% 218	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	40 mph 40 mph No 85th-percentile speed rounded down per CVC Section 21400(b)
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	20,363 Traffic sign Moderate Moderate	als at Boyce rd, Cedar Blvd, Balentine	Dr, I-880 ramps	
ROADWAY CHARACTEI Length of Segment Width Number of Lanes	RISTICS 9473' 108' EB - 2	WB - 2/3		
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks?	Arterial Yes Yes Yes No			
On-Street Parking? Sidewalks? Driveways? Vertical Curve	No Yes - Conti Few None			
Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Yes - at Bo Good Moderate Non-frontin	ryce Rd Ig residential, apartments, commerical,	and office	

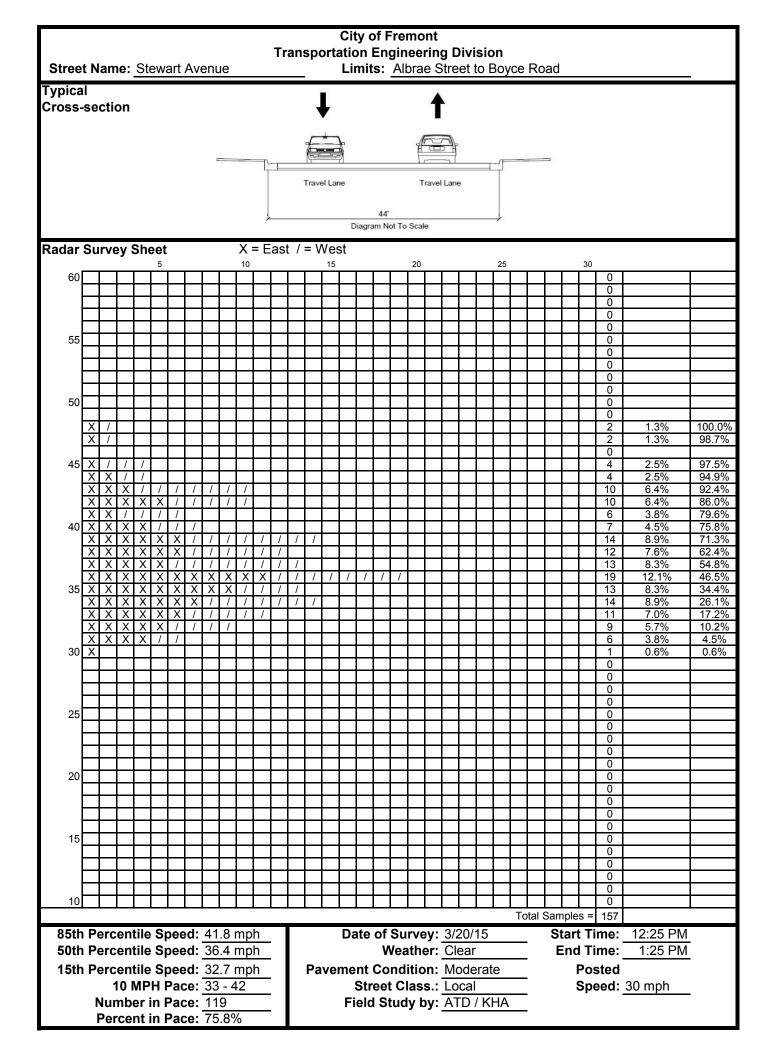
COMMENTS The 85th-percentile speed of 42.9 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 34 mph to 43 mph and the suggested speed limit does not fall within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 40 mph.



129

STREET:Stewart AvenueFROM:Albrae Street			SURVEY TO:	DATE: Boyce Roac	3/20/20	15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		5977 Stewart Avenue 12:25 PM - 1:25 PM 36.4 mph 41.8 mph 33 - 42 mph 75.8% 157		ended Spee nit Change	d Limit	30 mph 40 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 0 0.00 1.46				
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic		3/2/1913 Stop signs at Boyce Rd and Albrae St Low High				
ROADWAY CHARACTER Length of Segment Width	3765' 44'					
Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes?	EB - 1 Local No No No	WB - 1				
Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	No Yes Yes Few					
Vertical Curve Horizontal Curve Visibility Pavement Condition	None None Good Moderate					
Adjacent Land Use	Industrial					

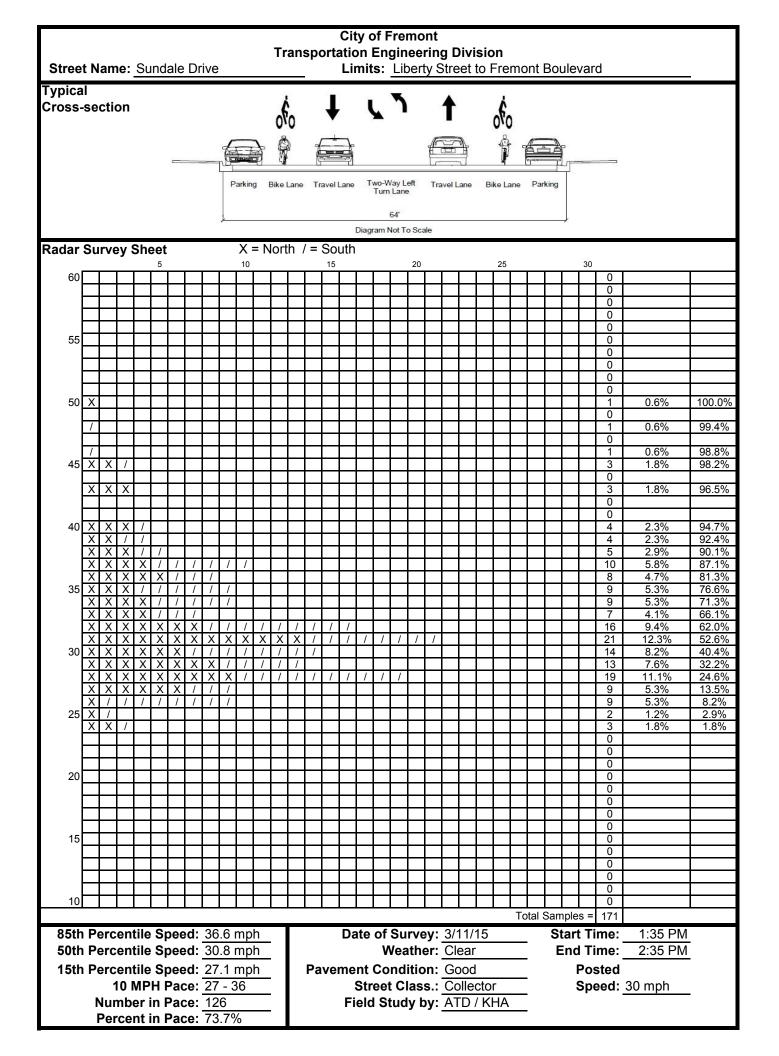
<u>COMMENTS</u> The 85th-percentile speed of 41.8 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 33 mph to 42 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.



130

STREET:Sundale DriveFROM:Liberty Street			SURVEY DATE: 3/11/2 TO: Fremont Boulevard	
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		3587 Sundale Drive 1:35 PM - 2:35 PM 30.8 mph 36.6 mph 27 - 36 mph 73.7% 171	Posted Speed Limit Recommended Speed Limi Speed Limit Change Speed Justification	30 mph t 35 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	IVM)	4 0 0.00 1.46		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	3,556 Traffic sigr Low Low	n at Fremont Blvd; stop sign at Liberty	⁄ St	
ROADWAY CHARACTED Length of Segment Width Number of Lanes	1694' 64' NB - 1/2	SB - 1		
Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking?	Collector Yes - Two Yes Yes No Yes	-way left-turn lane		
Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility	Yes - Cont Few None	inuous een Fremont Blvd and Leslie St		
Pavement Condition Adjacent Land Use	Good	ng residential, commercial, hospital, a	nd office	

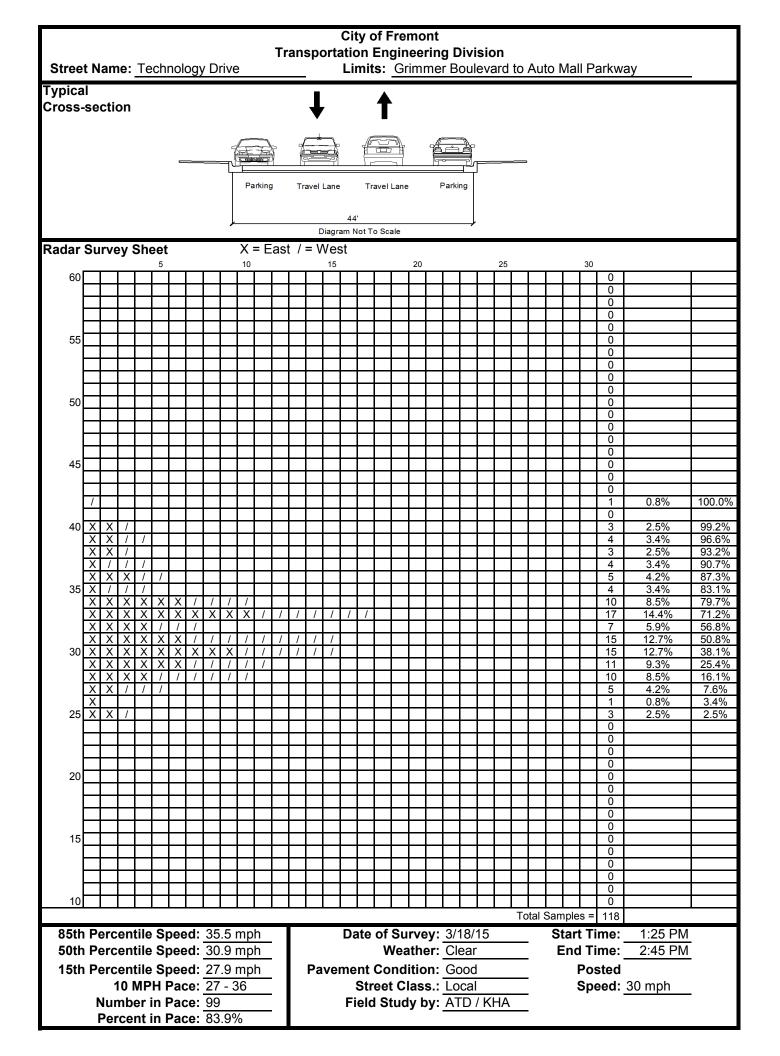
<u>COMMENTS</u> The 85th-percentile speed of 36.6 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 35 mph.



131

4348 Technology Drive 1:25 PM - 2:45 PM 30.9 mph 35.5 mph 27 - 36 mph 83.9% 118	TO: Auto Mall Parkway Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	30 mph 35 mph Yes 85th-percentile speed
1:25 PM - 2:45 PM 30.9 mph 35.5 mph 27 - 36 mph 83.9%	Recommended Speed Limit Speed Limit Change	35 mph Yes
4 1 0.63 1.46		
89 nals at Grimmer Blvd and Auto Mall Pkwy v derate		
TICS 35' - 1 SB - 1 cal S S N N N N S S S N N N S S S N N S S S N N S S S N N S S S N S S S S S S S S S S S S S		
	1 0.63 1.46 89 nals at Grimmer Blvd and Auto Mall Pkwy v derate TICS 55' - 1 SB - 1 al SB - 1 al SB - 1 al	1 0.63 1.46 89 nals at Grimmer Blvd and Auto Mall Pkwy v derate 1CS 5' - 1 SB - 1 al SB - 1 al

<u>COMMENTS</u> The 85th Percentile speed of 35.5 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th Percentile speed, it is recommended that the posted speed limit be increased to 35 mph.

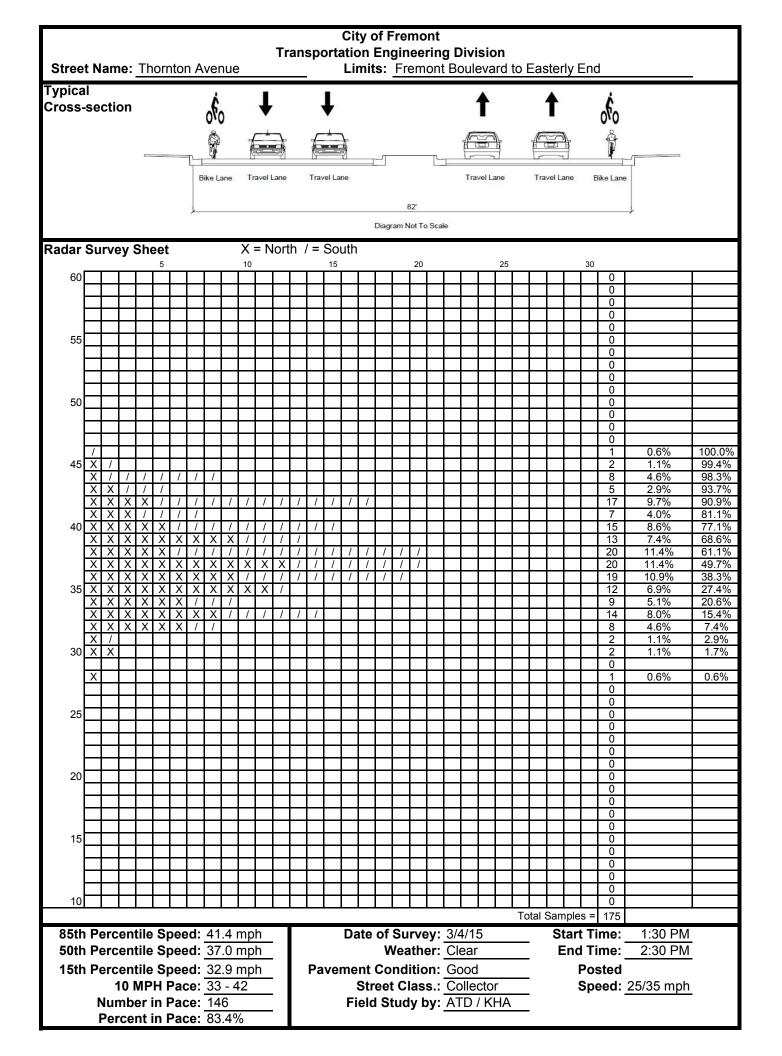


132

					-
STREET: Thornton Avenue			SURVE		5
FROM: Fremont Boulevar	rd		TO:	Easterly End	
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		3781 Thornton Avenue 1:30 PM - 2:30 PM 37.0 mph 41.4 mph 33 - 42 mph 83.4% 175	Recommo Speed Lii	peed Limit ended Speed Limit mit Change stification	25/35 mph 40 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/MV	VM)	4 1 0.08 1.55			
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	18,629 Traffic sigr Low Low	als at Fremont Blvd, Moraine St, and P	Paseo Padre	Pkwy	
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median? Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition	2485' 82' NB - 2 Collector Yes Yes Yes No Yes Yes Few None None None Good Good	SB - 1/2			

COMMENTS

Thornton Avenue has a speed limit of 25 mph north of Paseo Padre Pkwy. The 85th-percentile speed of 41.4 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 33 mph to 42 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph south of Paseo Padre Pkwy and remains at 25 mph north of Paseo Padre Pkwy.

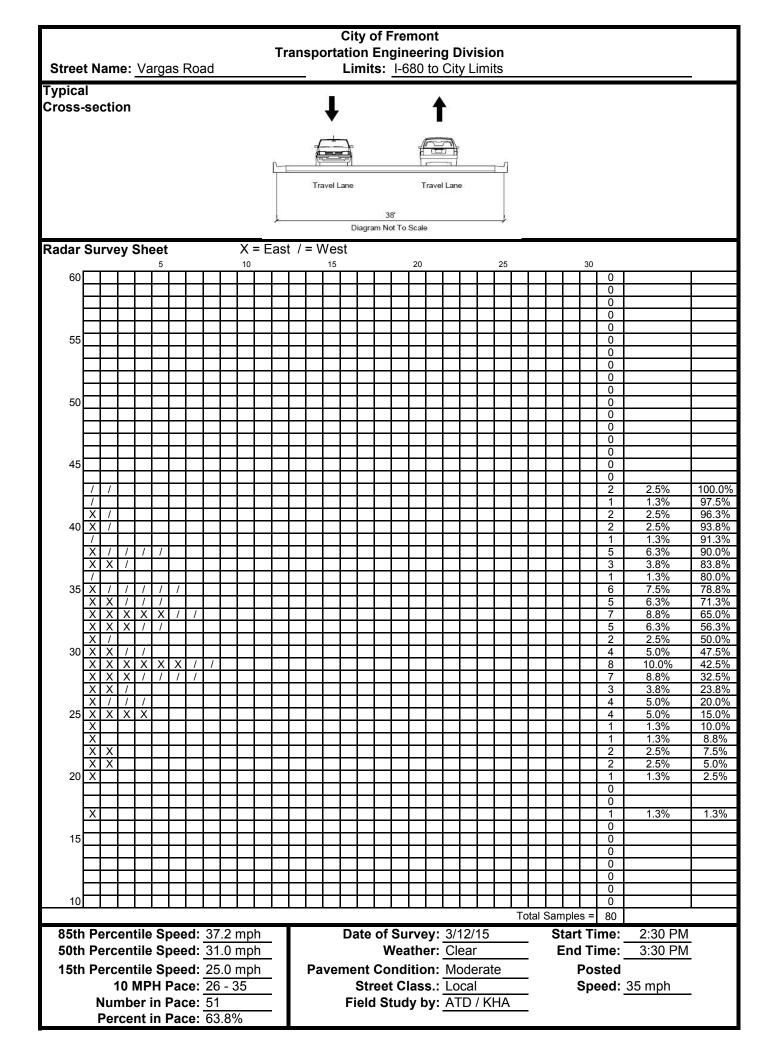


STREET: Vargas Road			SURVEY DATE: 3/12/20)15
FROM: 1-680			TO: City Limits	
SPEED DATA				
Location of Speed Survey		41999 Versee Deed	Posted Speed Limit	25 mph
Time of Speed Survey		41888 Vargas Road 2:30 PM - 3:30 PM	Recommended Speed Limit	35 mph
50th Percentile Speed (Mear	Speed)		Speed Limit Change	No
85th Percentile Speed (Mean	i Speeu)	31.0 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		37.2 mph 26 - 35 mph	Speed Justification	sour-percentile speed
Percentage of Vehicles in Pa	200	63.8%		
Number of Survey Samples	ace	80		
Number of Curvey Campies		00		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		1		
Collision Rate (ACC/MVM)		2.75		
Expected Collisions (ACC/M	VM)	1.46		
	,			
TRAFFIC FACTORS				
Average Daily Traffic	390			
Type of Traffic Control	None			
Pedestrian Traffic	Low			
Truck Traffic	Low			
	2011			
ROADWAY CHARACTEI	RISTICS			
Length of Segment	3376'			
Width	38'			
Number of Lanes	EB - 1	WB - 1		
Street Classification	Local			
Divided Median?	No			
Designated Bike Route?	No			
Bike Lanes?	No			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	No			
Driveways?	Few			
Vertical Curve	Yes - Cas	ro Ln		
Horizontal Curve	Yes - Cas	ro Ln		
Visibility	Poor			
Pavement Condition	Moderate			
Adjacent Land Use	Non-fronti	ng residential		
		.9.00.00.00		

<u>COMMENTS</u> The 85th-percentile speed of 37.2 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 26 mph to 35 mph and the suggested speed limit falls within this range. The collision rate is above the expected rate. Although the collision rate would indicate a downgrading of 5 mph is justified, there was only 1 collision on the route in 4 years. Therefore, based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 35 mph.

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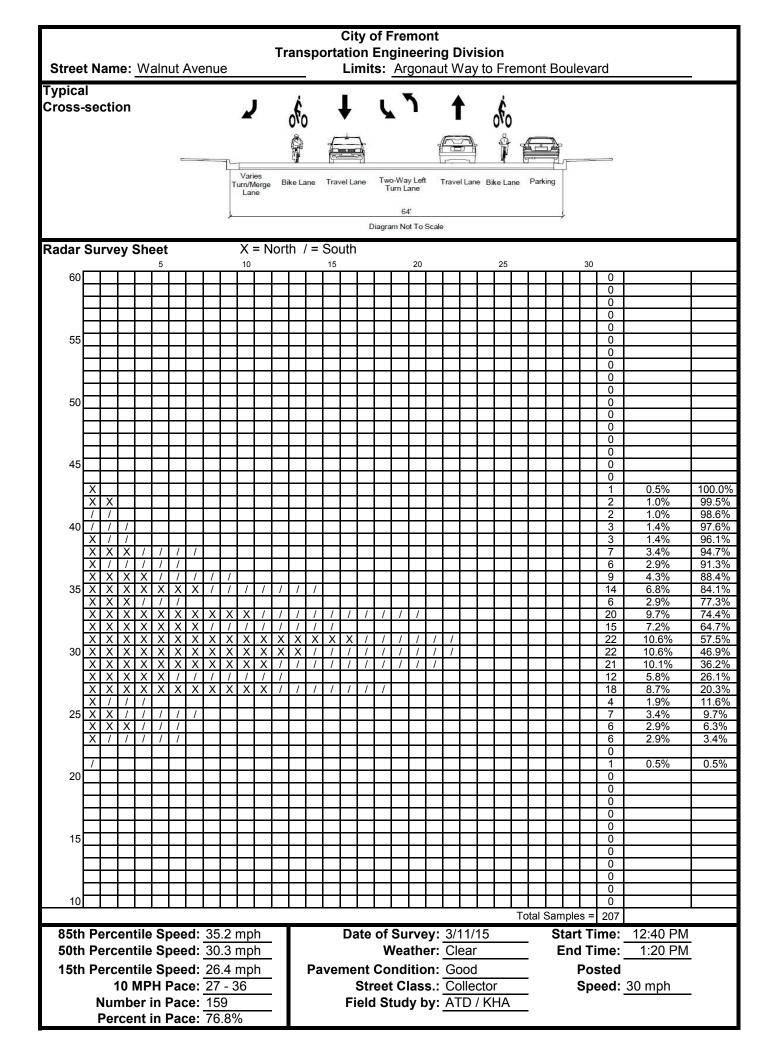
133



134

STREET: Walnut Avenue			SURVEY DATE: 3/11/20	15
FROM: Argonaut Way			TO: Fremont Boulevard	
SPEED DATA				
Location of Speed Survey	Walnut Av	e 100 feet south of Ross Common	Posted Speed Limit	30 mph
Time of Speed Survey		12:40 PM - 1:20 PM	Recommended Speed Limit	•
50th Percentile Speed (Mea	n Speed)	30.3 mph	Speed Limit Change	Yes
85th Percentile Speed	• •	35.2 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		27 - 36 mph	-	
Percentage of Vehicles in Pa	ace	76.8%		
Number of Survey Samples		207		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		5		
Collision Rate (ACC/MVM)		1.01		
Expected Collisions (ACC/N	IVM)	1.55		
TRAFFIC FACTORS				
Average Daily Traffic	13,209			
Type of Traffic Control	-	al at Fremont Blvd; roundabout at Argo	onaut Wy	
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTE				
Length of Segment	1360'			
Width	64'			
Number of Lanes	NB - 1/2	SB - 1/2		
Street Classification	Collector			
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	Yes			
Sidewalks?	Yes - Cont	inuous		
Driveways?	Few			
Vertical Curve	None			
Horizontal Curve	None			
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Commercia	al and apartments		

<u>COMMENTS</u> The 85th-percentile speed of 35.2 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 27 mph to 36 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 35 mph.



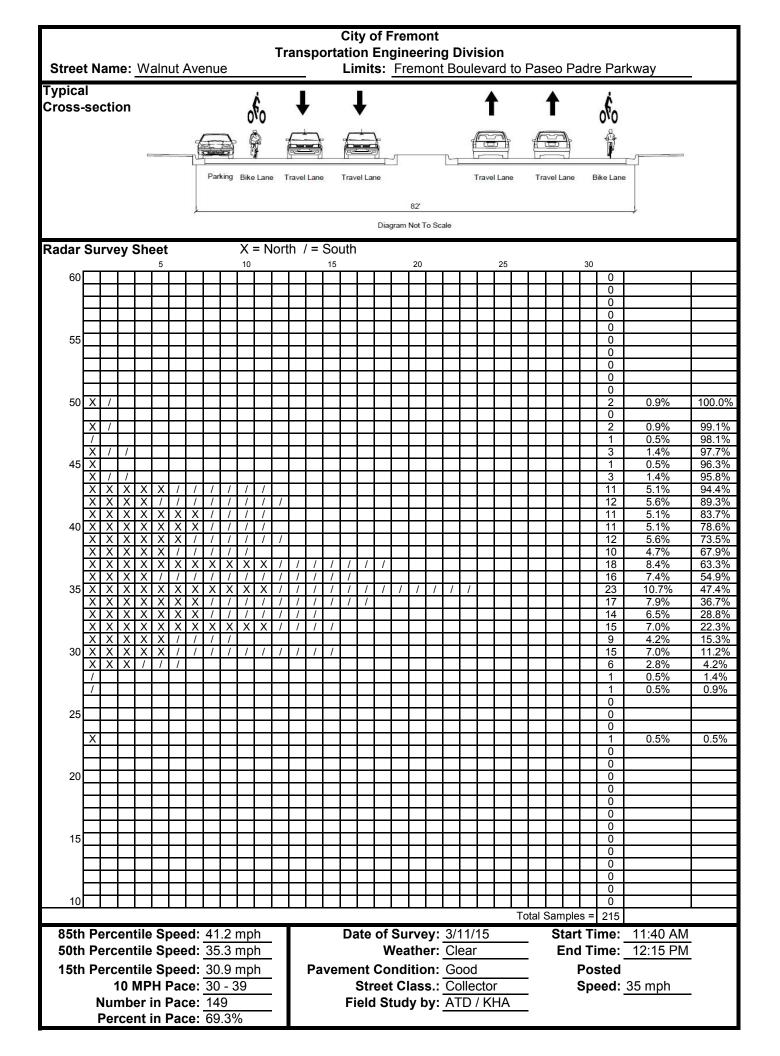
135

STREET:Walnut AvenueFROM:Fremont Bouleva	rd		SURVEY DATE: 3/11/20 TO: Paseo Padre Parkw	
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		3800 Walnut Avenue 11:40 AM - 12:15 PM 35.3 mph 41.2 mph 30 - 39 mph 69.3% 215	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	35 mph 40 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 3 0.26 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	15,591 Traffic sig Low Low	nals at Fremont Blvd, Liberty St, and Pa	aseo Padre Pkwy	
ROADWAY CHARACTED Length of Segment Width Number of Lanes Street Classification Divided Median?	2659' 82' NB - 2 Collector Yes	SB - 2		
Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks? Driveways?	Yes Yes No No Yes - Con Few	tinuous		
Vertical Curve Horizontal Curve Visibility Pavement Condition	None None Good Good			

Adjacent Land Use

<u>COMMENTS</u> The 85th-percentile speed of 41.2 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 30 mph to 39 mph and the suggested speed limit does not fall within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.

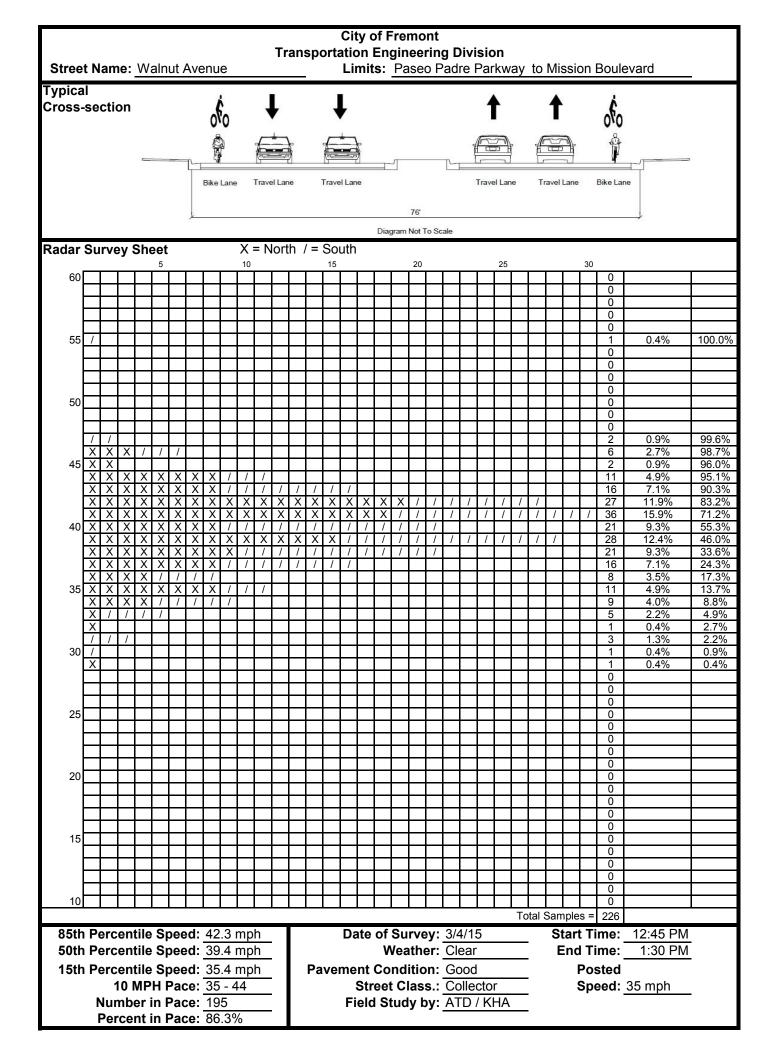
Commercial, apartments, and medical center



136

STREET: Walnut Avenue			SURVEY DATE: 3/4/201	5
	lawov.		TO: Mission Boulevard	
FROM: Paseo Padre Par	кway		IC. Mission Boulevard	
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mear 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples	n Speed)	e - 600 ft N. of Guardino Drive 12:45 PM - 1:30 PM 39.4 mph 42.3 mph 35 - 44 mph 86.3% 226	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	35 mph 40 mph Yes 85th-percentile speed rounded down per CVC Section 21400(b)
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 6 0.24 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	13,045 Traffic sign Low Low	als at Paseo Padres Pkwy, Civic Cent	er Dr, Gallaudet Dr, and Mission B	lvd
ROADWAY CHARACTER	RISTICS 6944'			
Width	76'			
Number of Lanes	NB - 2	SB - 2		
Street Classification	Collector			
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	Yes- Contir	านous		
Driveways?	Few			
Vertical Curve	None			
Horizontal Curve	None			
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use	Non-frontin	g residential, apartments, BART static	on, church, park, farm, and school	
COMMENTS				

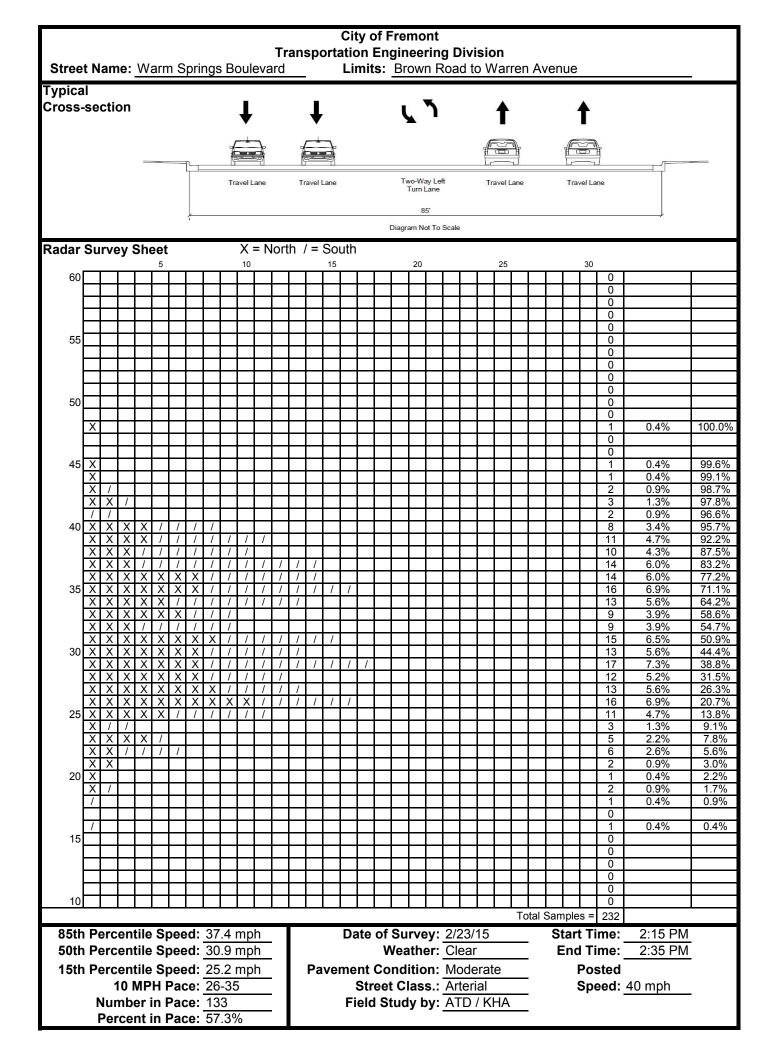
<u>COMMENTS</u> The 85th-percentile speed of 42.3 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit does not fall within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit be increased to 40 mph.



138

STREET: Warm Springs Bo	oulevard		SURVEY DATE: 2/23/20	015
FROM: Brown Road			TO: Warren Avenue	
SPEED DATA				
Location of Speed Survey		46101 Warm Spring Boulevard	Posted Speed Limit	40 mph
Time of Speed Survey		2:15 PM - 2:35 PM	Recommended Speed Limit	•
50th Percentile Speed (Mear	n Speed)	30.9 mph	Speed Limit Change	No
85th Percentile Speed	. opeca,	37.4 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		26-35 mph		
Percentage of Vehicles in Pa	ace	57.3%		
Number of Survey Samples		232		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		4		
Collision Rate (ACC/MVM)		- 0.25		
Expected Collisions (ACC/M	IVM)	1.55		
	,	1.00		
TRAFFIC FACTORS				
Average Daily Traffic		20.256		
Type of Traffic Control		20,356	ion Dlyd Mission Ct. and Fulton Dl	
Pedestrian Traffic		Traffic signals at Warren Ave, Missi	Ion Bivo, Mission CL, and Fullon Pl	
Truck Traffic		Moderate		
		Low		
ROADWAY CHARACTEI				
Width	2790'			
	85'			
Number of Lanes	NB - 1/2	SB - 2/3		
Street Classification Divided Median?	Arterial			
	Yes			
Designated Bike Route? Bike Lanes?	Yes			
Uncontrolled Crosswalks?	Yes			
	No			
On-Street Parking?	No Voc Cont	inuqua		
Sidewalks?	Yes - Cont	IIIuous		
Driveways?	Few			
Vertical Curve Horizontal Curve	None			
	None			
Visibility Payament Condition	Good			
Pavement Condition	Moderate	al anortmente and affine		
Adjacent Land Use	Commercia	al, apartments, and office		
COMMENTS				

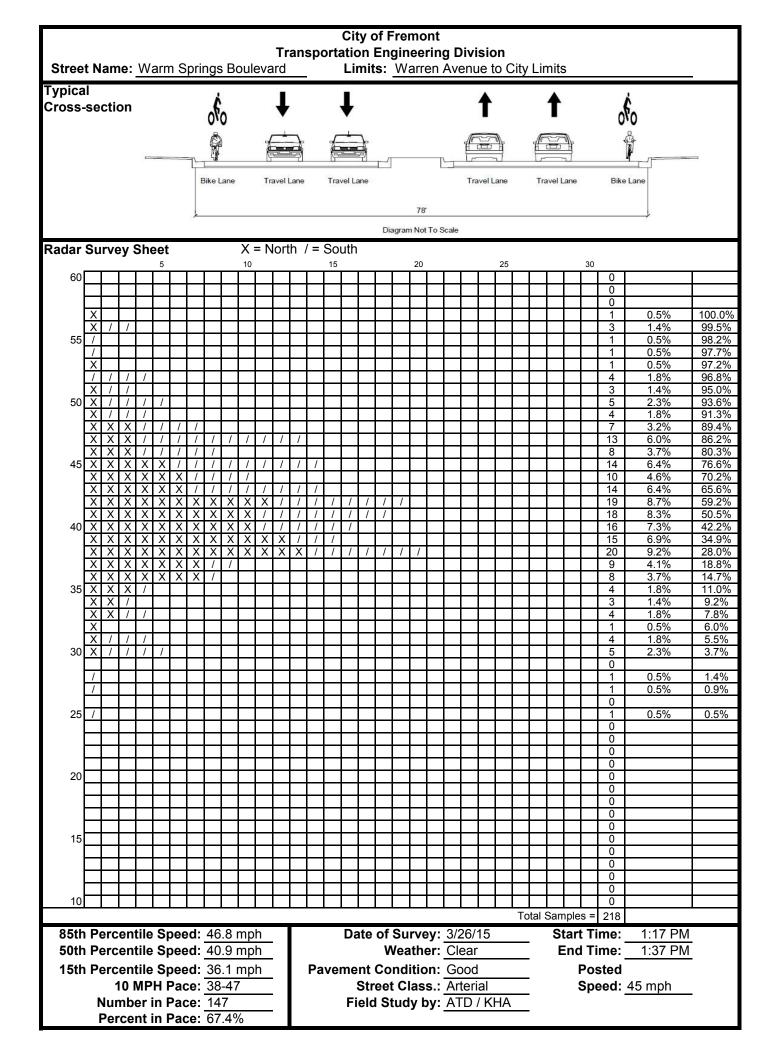
COMMENTS The 85th-percentile speed of 37.4 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 26 mph to 35 mph and the suggested speed limit does not fall within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 40 mph.



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STREET: Warm Springs Bo	oulevard		SURVEY DATE: 3/26/20)15
FROM: Warren Avenue			TO: City Limits	
SPEED DATA				
Location of Speed Survey		48201 Warm Springs Boulevard	Posted Speed Limit	45 mph
Time of Speed Survey		1:17 PM - 1:37 PM	Recommended Speed Limit	•
50th Percentile Speed (Mean	n Speed)	40.9 mph	Speed Limit Change	No
85th Percentile Speed	••••••	46.8 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		38-47 mph		•••••• • •
Percentage of Vehicles in Pa	ace	67.4%		
Number of Survey Samples		218		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		4		
Collision Rate (ACC/MVM)		0.06		
Expected Collisions (ACC/M	(VM)	1.55		
TRAFFIC FACTORS				
Average Daily Traffic	22,168			
Type of Traffic Control	,	nal at Warren Ave, Lippert Ave, Gable	Dr. Mavten Wv. Tonopah Dr. and §	Scott Creek Rd
Pedestrian Traffic	Moderate			
Truck Traffic	Low			
ROADWAY CHARACTER	RISTICS			
Length of Segment	10608'			
Width	78'			
Number of Lanes	NB - 2	SB - 2		
Street Classification	Arterial	•		
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?		tinuous on east side; discontinuous on	ו west side	
Driveways?	Few			
Vertical Curve	No			
Horizontal Curve	No			
Visibility	Good			
Pavement Condition	Good			
Adjacent Land Use		ng residential, apartments, office, com	mercial. cemeterv. church, and eler	mentarv school
			,	

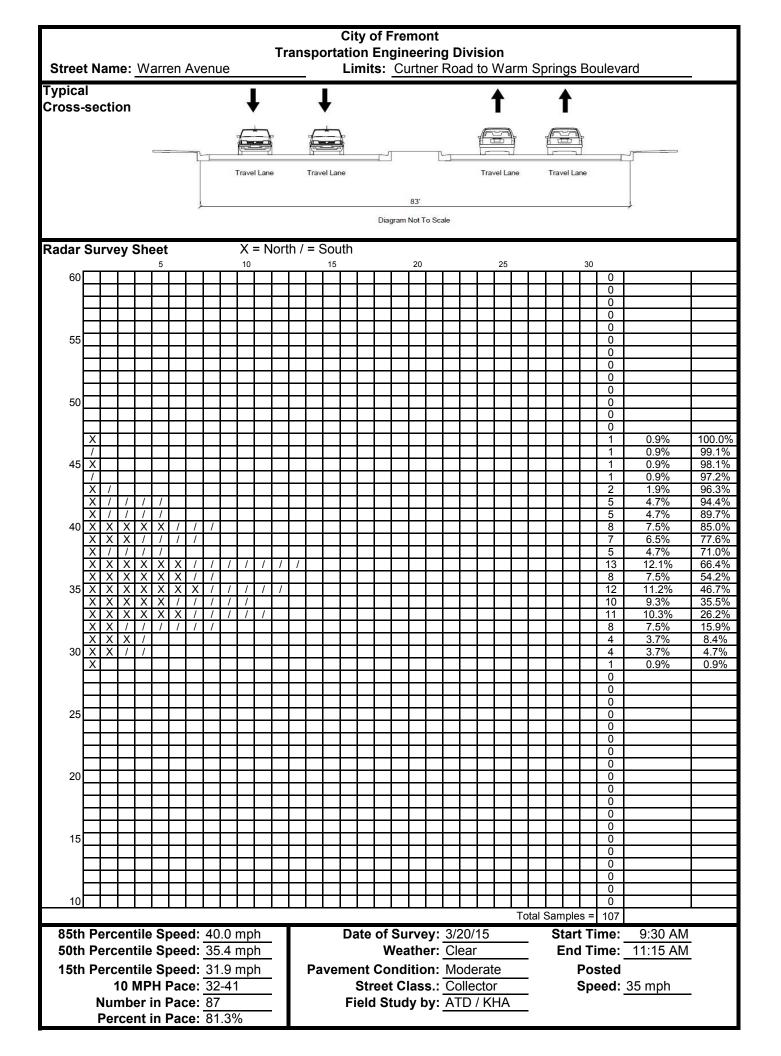
<u>COMMENTS</u> The 85th-percentile speed of 46.8 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 38 mph to 47 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit remains at 45 mph.



140

STREET: Warren Avenue FROM: Curtner Road			SURVEY DATE: 3/20 TO: Warm Springs B	/2015
SPEED DATA				
Location of Speed Survey	Warren Av	e - 300 ft W. Of Windmill Drive	Posted Speed Limit	35 mph
Time of Speed Survey		9:30 AM - 11:15 AM	Recommended Speed Lin	
50th Percentile Speed (Mear	Sneed)	35.4 mph	Speed Limit Change	Yes
85th Percentile Speed	(opeca)	40.0 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		32-41 mph	opood odotmodilon	
Percentage of Vehicles in Pa	ace	81.3%		
Number of Survey Samples		107		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		0		
Collision Rate (ACC/MVM)		0.00		
Expected Collisions (ACC/M	VM)	1.55		
` `	,			
TRAFFIC FACTORS				
Average Daily Traffic	4,910			
Type of Traffic Control	,	al at Fernald St and Warm Springs Bl	vd: Stop sign at Curtner Rd and	Yakima Dr
Pedestrian Traffic	Low			
Truck Traffic	Low			
ROADWAY CHARACTER	RISTICS			
Length of Segment	5529'			
Width	83'			
Number of Lanes	NB - 2	SB - 2		
Street Classification	Collector			
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	Yes- Disco	ntinuous		
Driveways?	Few			
Vertical Curve	Yes - E/O I	-680		
Horizontal Curve	Yes - Yakir	na Dr		
Visibility	Good			
Pavement Condition	Moderate			
Adjacent Land Use	Fronting ar	nd non-fronting residential, apartments	s, commercial, school, and chur	ch

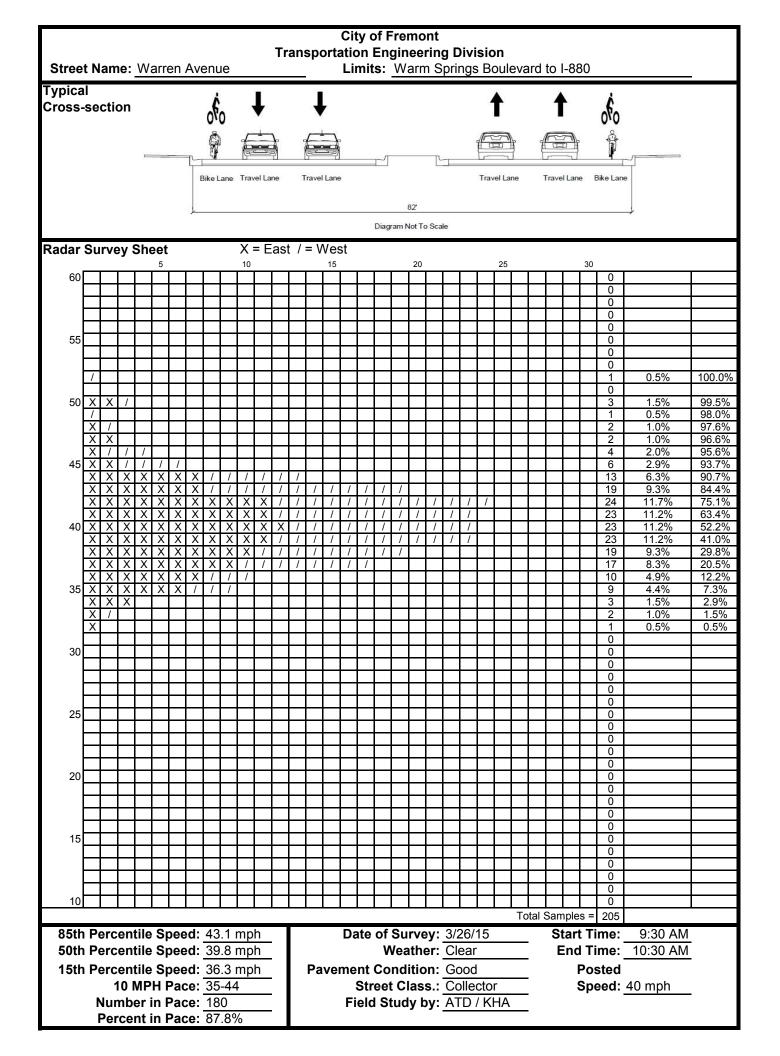
<u>COMMENTS</u> The 85th-percentile speed of 40.0 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 32 mph to 41 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.



141

STREET: Warren Avenue				3/26/2015
FROM: Warm Springs Bo	oulevard		TO: I-880	
SPEED DATA				
Location of Speed Survey	Warren 400) ft W. of Warm Springs Boulevard	Posted Speed Limit	40 mph
Time of Speed Survey		9:30 AM - 10:30 AM	Recommended Speed	-
50th Percentile Speed (Mean	n Speed)	39.8 mph	Speed Limit Change	No
85th Percentile Speed		43.1 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		35-44 mph		rounded down per CVC Section 21400(b)
Percentage of Vehicles in Pa	ace	87.8%		Section 21400(b)
Number of Survey Samples		205		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		1		
Collision Rate (ACC/MVM)		0.06		
Expected Collisions (ACC/M	V IVI)	1.55		
TRAFFIC FACTORS		aa 4aa		
Average Daily Traffic		20,426		
Type of Traffic Control		Traffic signals at Warm Springs Blvd,	Kato Rd, and I-880 Ramps	5
Pedestrian Traffic		Low		
Truck Traffic		Moderate		
ROADWAY CHARACTE				
Length of Segment	2905'			
Width	82'			
Number of Lanes	EB - 2	WB - 2		
Street Classification	Collector	VVD - 2		
Divided Median?	Yes			
Designated Bike Route?	Yes			
Bike Lanes?	Yes			
Uncontrolled Crosswalks?	No			
On-Street Parking?	No			
Sidewalks?	Yes			
Driveways?	Few			
Vertical Curve	Yes - I-880	Overpass		
Horizontal Curve	Yes - I-880			
Visibility	Fair	0.019000		
Pavement Condition	Good			
Adjacent Land Use	Commercia	l and office		
	00111101010			

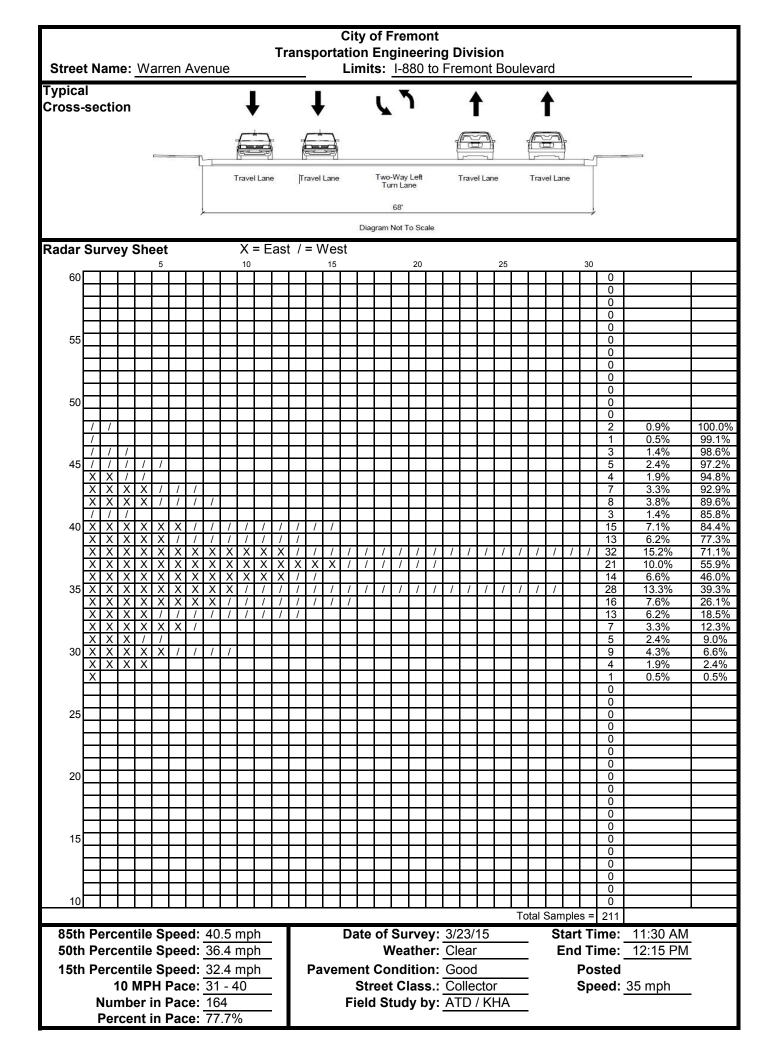
COMMENTS The 85th-percentile speed of 43.1 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit does not fall within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 40 mph.



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STREET: Warren Avenue FROM: I-880			SURVEY TO:	DATE: Fremont Bo	3/23/20	15
			10.		ulevalu	
SPEED DATA						
Location of Speed Survey	Warren Av	e - 600 Feet E. of Fremont Boulevard	Posted Spe	ed Limit		35 mph
Time of Speed Survey		11:30 AM - 12:15 PM	Recommen		d Limit	•
50th Percentile Speed (Mear	n Speed)	36.4 mph	Speed Limi	-		Yes
85th Percentile Speed	,	40.5 mph	Speed Just	-		85th-percentile speed
10 mph Pace Speed		31 - 40 mph				
Percentage of Vehicles in Pa	ace	77.7%				
Number of Survey Samples		211				
COLLISION HISTORY						
Number of Years Studied		4				
Total Collisions		0				
Collision Rate (ACC/MVM)		0.00				
Expected Collisions (ACC/M	VM)	1.99				
TRAFFIC FACTORS						
Average Daily Traffic	8,424					
Type of Traffic Control		als at I-880 Ramps, Lakeview Blvd, La	nding Pkwy (fu	iture), and F	- remont	Ave
Pedestrian Traffic	Low		0 , (,.		
Truck Traffic	Low					
ROADWAY CHARACTEI	RISTICS					
Length of Segment	2298'					
Width	68'					
Number of Lanes	EB - 2	WB - 2				
Street Classification	Collector					
Divided Median?	No					
Designated Bike Route?	No					
Bike Lanes?	No					
Uncontrolled Crosswalks?	No					
On-Street Parking?	No					
Sidewalks?	Yes					
Driveways?	Few					
Vertical Curve	None					
Horizontal Curve	None					
Visibility	Good					
Pavement Condition	Good					
Adjacent Land Use	Office					
	01100					

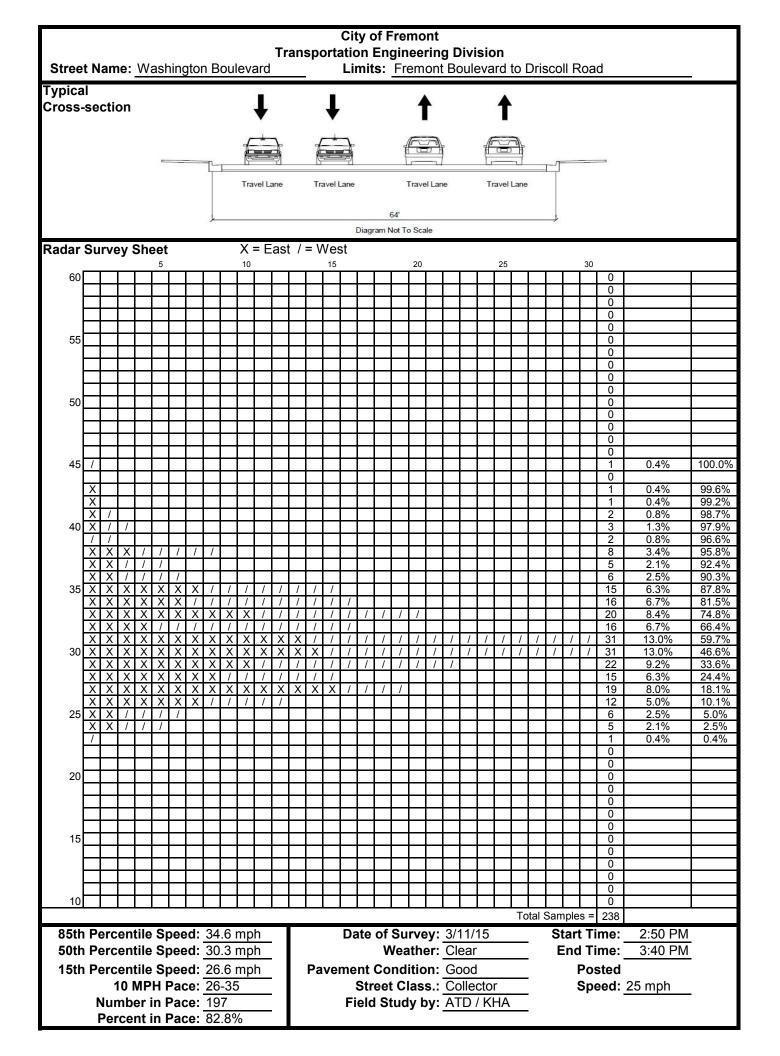
<u>COMMENTS</u> The 85th-percentile speed of 40.5 mph indicates a 40 mph speed limit. The 10 mph pace ranges from 31 mph to 40 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 40 mph.



143

STREET: Washington Boule FROM: Fremont Boulevar			SURVEY DATE: 3/11/20 TO: Driscoll Road)15
SPEED DATA Location of Speed Survey Time of Speed Survey 50th Percentile Speed (Mean 85th Percentile Speed 10 mph Pace Speed Percentage of Vehicles in Pa Number of Survey Samples		3909 Washington Boulevard 2:50 PM - 3:40 PM 30.3 mph 34.6 mph 26-35 mph 82.8% 238	Posted Speed Limit Recommended Speed Limit Speed Limit Change Speed Justification	25 mph 35 mph Yes 85th-percentile speed
COLLISION HISTORY Number of Years Studied Total Collisions Collision Rate (ACC/MVM) Expected Collisions (ACC/M	VM)	4 2 0.02 1.55		
TRAFFIC FACTORS Average Daily Traffic Type of Traffic Control Pedestrian Traffic Truck Traffic	27,143 Traffic sign Moderate Low	als at Fremont Blvd, Roberts Ave, and	Driscoll Rd	
ROADWAY CHARACTER Length of Segment Width Number of Lanes Street Classification Divided Median?	1680' 64' EB - 2/3 Collector	WB - 2		
Designated Bike Route? Bike Lanes? Uncontrolled Crosswalks? On-Street Parking? Sidewalks?	Yes Yes No No Yes			
Driveways? Vertical Curve Horizontal Curve Visibility Pavement Condition Adjacent Land Use	Yes - E/O F Good Good	Fremont Blvd Fremont Blvd I, church, and preschool		

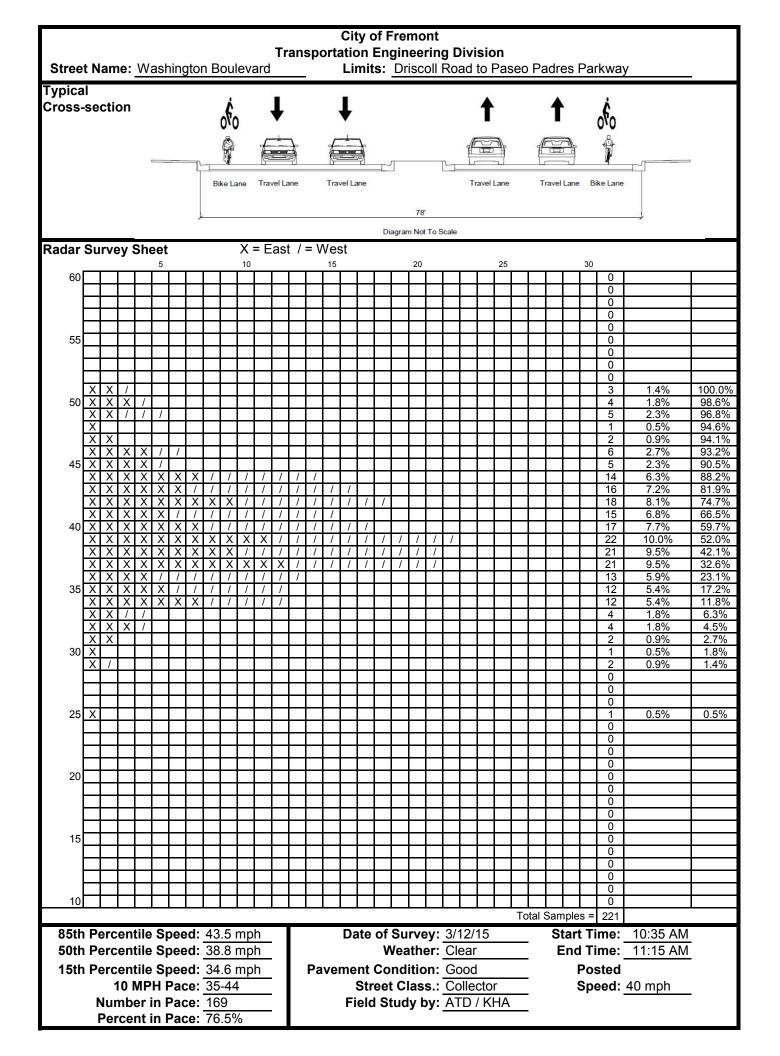
COMMENTS The 85th-percentile speed of 34.6 mph indicates a 35 mph speed limit. The 10 mph pace ranges from 26 mph to 35 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on the 85th-percentile speed, it is recommended that the posted speed limit be increased to 35 mph.



144

STREET: Washington Boulevard		SURVEY DATE: 3/12/2015		
FROM: Driscoll Road			TO: Paseo Padres Park	way
SPEED DATA				
Location of Speed Survey		1500 Washington Boulevard	Posted Speed Limit	40 mph
Time of Speed Survey		10:35 AM - 11:15 AM	Recommended Speed Limit	•
50th Percentile Speed (Mear	Speed)	38.8 mph	Speed Limit Change	No
85th Percentile Speed	i opecaj	43.5 mph	Speed Justification	85th-percentile speed
10 mph Pace Speed		35-44 mph	opoca odolineation	rounded down per CVC
Percentage of Vehicles in Pa	ace	76.5%		Section 21400(b)
Number of Survey Samples		221		
COLLISION HISTORY				
Number of Years Studied		4		
Total Collisions		6		
Collision Rate (ACC/MVM)		0.24		
Expected Collisions (ACC/M	VM)	1.55		
	•,	1.00		
TRAFFIC FACTORS				
Average Daily Traffic	15,896			
Type of Traffic Control		al at Openand Dd. Maradith Dr. I 690 D	ampa and Dasas Dadara Diver	
Pedestrian Traffic	Low	al at Osgood Rd, Meredith Dr, I-680 R	amps, and Paseo Paders Pkwy	
Truck Traffic	Low			
	LOW			
ROADWAY CHARACTER				
Length of Segment				
Width	5805'			
Number of Lanes	78' EB - 2	WB - 2		
		VVB - 2		
Street Classification Divided Median?	Collector			
	Yes Yes			
Designated Bike Route? Bike Lanes?	res Yes			
Uncontrolled Crosswalks?	At Olive Av	e		
On-Street Parking?	No			
Sidewalks?	Yes			
Driveways?	Many			
Vertical Curve	None			
Horizontal Curve	None			
Visibility	Good			
Pavement Condition	Good	d and franching and described as a set of	and church	
Adjacent Land Use	⊢ronting an	d non-fronting residential, commercial,	, and church	

COMMENTS The 85th-percentile speed of 43.5 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 35 mph to 44 mph and the suggested speed limit does not falls within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 40 mph.



CITY OF FREMONT 145 ENGINEERING AND TRAFFIC SURVEY STREET: Washington Boulevard SURVEY DATE: 3/19/2015 FROM: Paseo Padre Parkway TO: Mission Boulevard SPEED DATA Location of Speed Survey 601 Washington Boulevard **Posted Speed Limit** 40 mph Recommended Speed Limit 45 mph Time of Speed Survey 9:30 AM - 10:30 AM 50th Percentile Speed (Mean Speed) **Speed Limit Change** Yes 40.6 mph 85th Percentile Speed Speed Justification 85th-percentile speed 44.0 mph rounded down per CVC 10 mph Pace Speed 36-45 mph Section 21400(b) Percentage of Vehicles in Pace 88.5% **Number of Survey Samples** 217 **COLLISION HISTORY** Number of Years Studied 4 **Total Collisions** 0 Collision Rate (ACC/MVM) 0.00 Expected Collisions (ACC/MVM) 1.99 TRAFFIC FACTORS **Average Daily Traffic** 13,729 Type of Traffic Control Traffic signal at Mission Blvd and Paseo Padres Pkwy Pedestrian Traffic I ow Truck Traffic Low **ROADWAY CHARACTERISTICS** Length of Segment 4116' Width 82' Number of Lanes EB - 2 WB - 2 Street Classification Collector **Divided Median?** No **Designated Bike Route?** Yes **Bike Lanes?** Yes Uncontrolled Crosswalks? At Gallegos Ave, Jerome Ave, and Colt Ave **On-Street Parking?** Yes Sidewalks? Yes **Driveways?** Few Vertical Curve None **Horizontal Curve** None Visibilitv Good **Pavement Condition** Good Adjacent Land Use Fronting and non-fronting residential, commercial, and school

COMMENTS

The 85th-percentile speed of 44.0 mph indicates a 45 mph speed limit. The 10 mph pace ranges from 36 mph to 45 mph and the suggested speed limit falls within this range. The collision rate is below the expected rate. Based on CVC Section 21400(b), the 85th-percentile speed was rounded down to the nearest 5 mph increment. Therefore, it is recommended that the posted speed limit remains at 40 mph.

