

CITYWIDE SPEED LIMIT UPDATES 2024

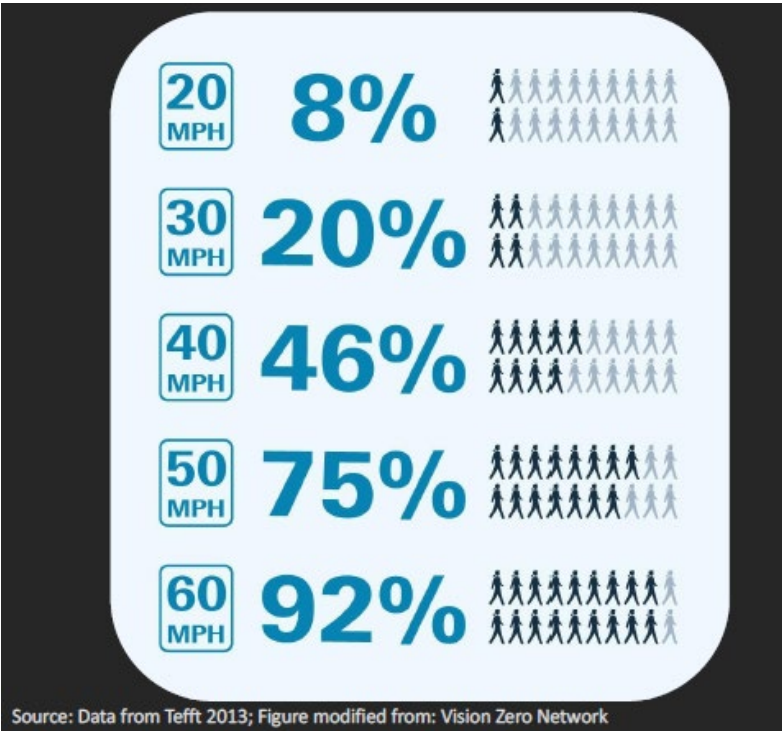
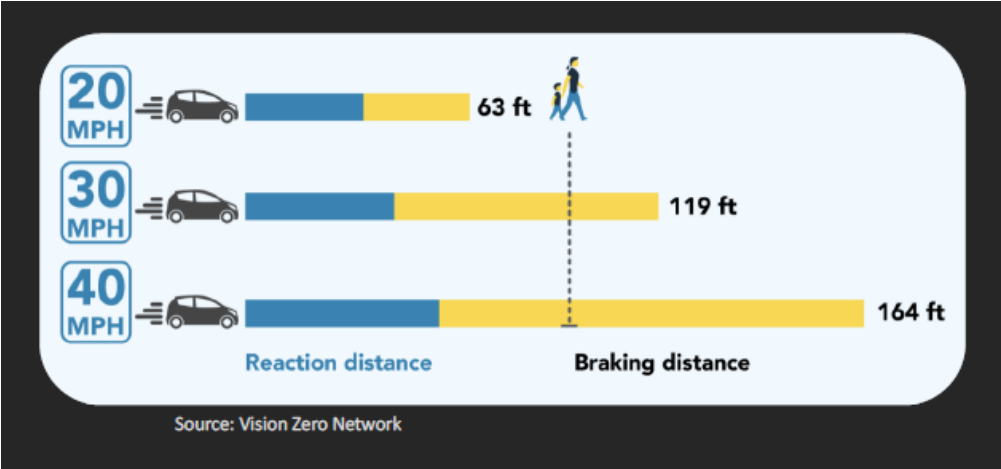
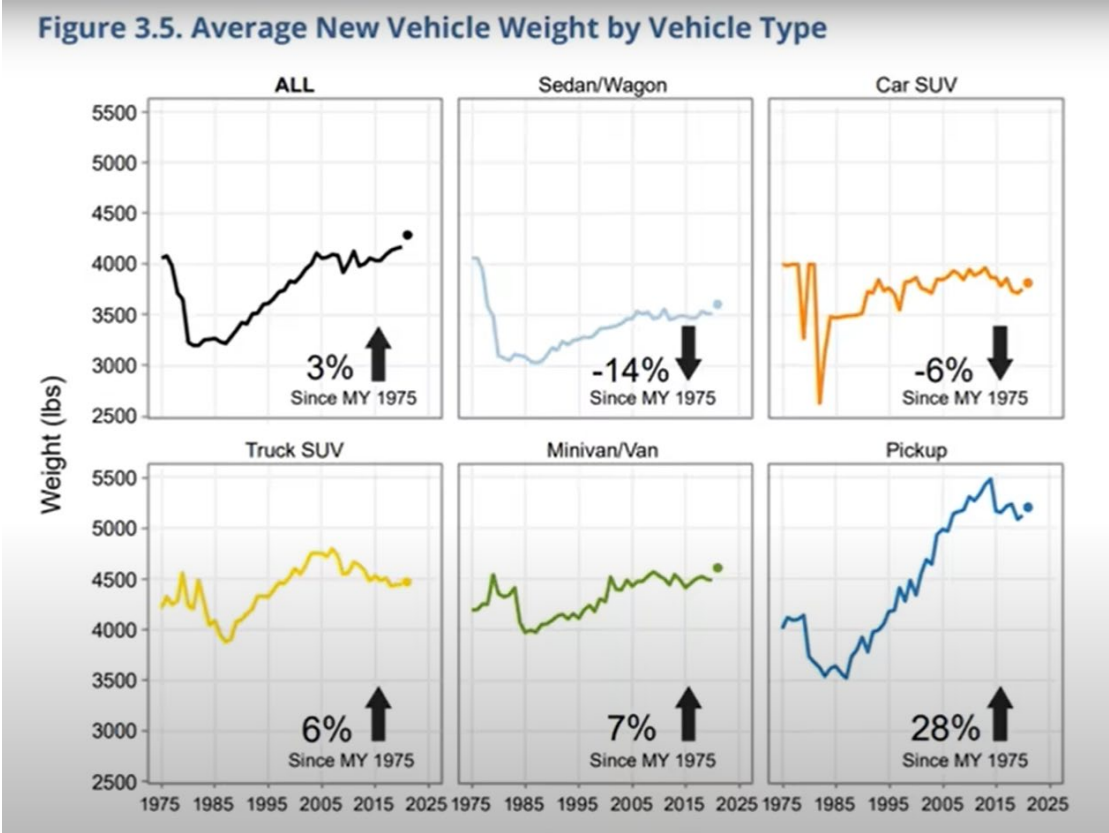
City of San Leandro
City Council Meeting
June 17, 2024

W-Trans
Kenny Jeong, PE

BACKGROUND

- Per State Law, speed limits are generally recertified every 7 years
- Speed limits may be extended (14-yrs from date of original certification)
- San Leandro's most recent evaluation was completed in 2017
- Since the last update, changes in State Law were enacted, namely AB 43 & AB 1938 which created more flexibility to lower speed limits.

WHY ARE LOWER SPEEDS DESIRED?



SPEED LIMITS ARE SET BY STATE LAW CALIFORNIA VEHICLE CODE (CVC)

CVC § 627

Engineering and Traffic Survey

CVC § 22348 – 22366

Speed Laws

CVC § 40802 - 40808

Speed Trap

Two categories for speed limits

- By default speed (Prima Facie)
- By Engineering & Traffic Survey (E&TS)

COMMON PRIMA FACIE SITUATIONS

15 MPH

TIME RESTRICTED: Within 500 feet of a school. Must have signs. (CVC 22352.4)

Within an alley or obstructed sight lines of rail crossing or uncontrolled intersections (CVC 22352)

25 or 20 MPH

A Business Activity District (CVC 22358.9) defined as meeting at least three of the following:

1. At least 50% adjacent property is retail, dining, commercial uses that open directly onto sidewalks
2. On-street parking along the roadway
3. Traffic signals or stop signs at intervals no more than 600 ft
4. Marked crosswalks not controlled by signals or stop signs.

25 MPH

Within 500 feet of a school or passing a Senior Center (CVC 22352)

TIME RESTRICTED: Adjacent to children’s playground (CVC 22357.1)

Any street shown as a local road on the California Road System (CRS) Map *OR* meets the following criteria (CVC 40802):

- Primarily provides access to abutting residential properties
- Roadway width of not more than 40 feet
- Not more than 0.5-mile between traffic signals or stop signs
- Not more than one traffic lane in each direction

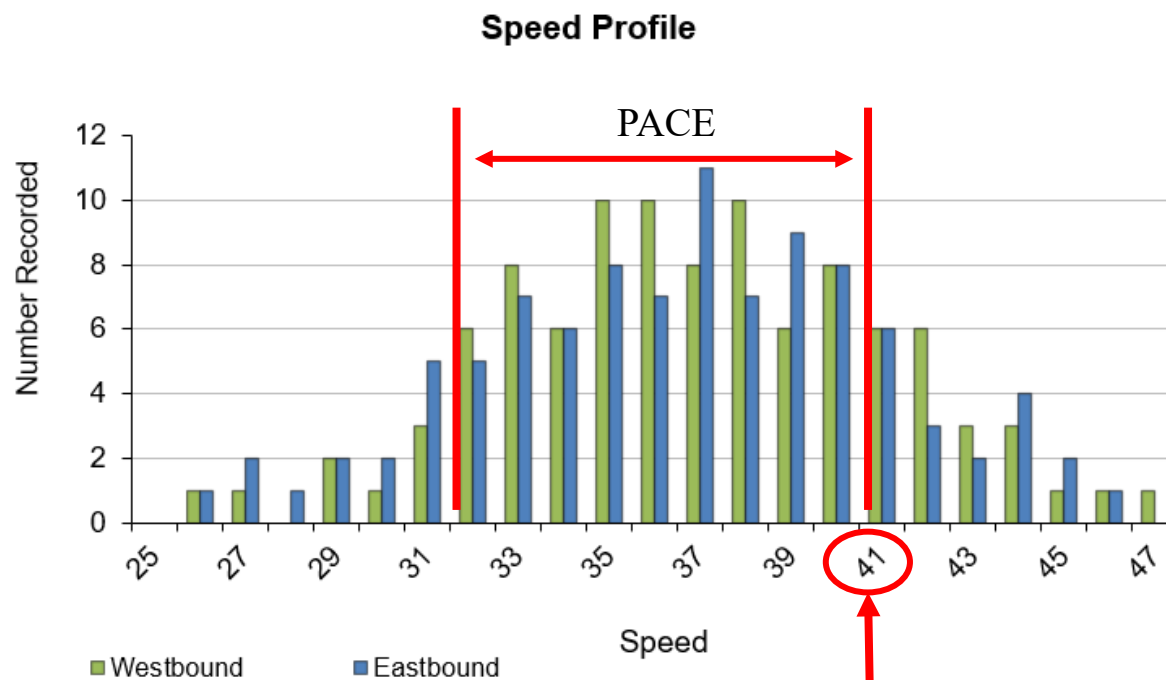
ENGINEERING & TRAFFIC SURVEY

1. Are required to establish legally enforceable speed limits on streets where prima facie conditions do not apply.
2. Generally, must be recertified every 7 years.
3. Data-driven process.
4. Must be completed by a licensed Civil or Traffic Engineer.
5. Are needed for speed enforcement.

SPEED DATA BASICS

85th percentile speed: Most drivers (85%) are traveling at or below this speed. Speed Limits are usually set near this speed.

Pace Speed: The 10-MPH range which contains most of the vehicles. *In nearly all cases, the speed limit should be set within the Pace Speed.*



EXAMPLE: Lewelling Blvd
(Wicks Blvd to Sedgeman St)

85th Percentile Speed

E&TS PROCESS

Discretely measure prevailing speeds



Identify the 85th percentile and round to the nearest 5-mph increment



Determine whether street qualifies for any **optional** one time 5-mph reductions.
Example factors are:

- Higher than average crash rate
- “condition not readily apparent to a driver”
- Adjacent to pedestrian or bike generating land use



Starting June 30, 2024, streets within a Safety Corridor may apply additional **optional** 5-mph reduction.



****Cannot set a speed limit that is less than 12.4 mph from the 85th Percentile Speed.**

SUMMARY OF SPEED LIMIT CHANGES

1. 67 roadway segments evaluated.
2. 15 segments determined to be eligible as *prima facie* and set with 25 mph limit.
 1. Speed limits at these segments do not expire.
3. Speed limits set at 52 segments by E&TS process.
 1. Certification expires in 7 years.
 2. Speed limits at 19 segments reduced by 5 mph.
 3. Speed limits increased at no segments.

RECOMMENDATIONS

Streets Eligible for 25 MPH (*prima facie*) Speed Limit

#	Street
1	143rd Avenue
2	Bancroft Avenue
3	Catalina Street
4	Dutton Avenue
5	Dutton Avenue
6	Estudillo Avenue
7	Estudillo Avenue
8	Farnsworth Street
9	Farnsworth Street
10	Huff Avenue
11	Manor Boulevard
12	Manor Boulevard
13	Parrott Street
14	Westgate Pkwy
15	Williams Street



RECOMMENDATIONS

Streets Eligible for 25 MPH (*prima facie*) Speed Limit

#	Street	From	To	Current Speed Limit	Recommended Speed Limit	Change
1	143rd Avenue	East 14th Street	Washington Avenue	30	25	-5
2	Bancroft Avenue	Blossom Way	East 14th Street	30	25	-5
3	Catalina Street	Fairway Drive	Farallon Drive	35	25	-10
4	Dutton Avenue	East 14th Street	Bancroft Avenue	25	25	0
5	Dutton Avenue	Bancroft Avenue	MacArthur Boulevard	25	25	0
6	Estudillo Avenue	East 14th Street	Bancroft Avenue	30	25	-5
7	Estudillo Avenue	MacArthur Boulevard	Chabot Terrace	35	25	-10
8	Farnsworth Street	Lewelling Boulevard	Manor Boulevard	30	25	-5
9	Farnsworth Street	Manor Boulevard	Purdue Street	30	25	-5
10	Huff Avenue	Callan Avenue	Estudillo Avenue	25	25	0
11	Manor Boulevard	Wicks Boulevard	Farnsworth Street	30	25	-5
12	Manor Boulevard	Farnsworth Street	Kesterson Street	30	25	-5
13	Parrott Street	Hays Street	East 14th Street	25	25	0
14	Westgate Pkwy	Wal-Mart Driveway	Williams Street	35	25	-10
15	Williams Street	Washington Avenue	East 14th Street	25	25	0



RECOMMENDATIONS

E&TS recommended 5-MPH reductions

#	Street
1	Aladdin Avenue
2	Alvarado Street
3	Bancroft Avenue
4	Benedict Drive
5	Callan Avenue
6	Doolittle Drive
7	Fairmont Drive
8	Fairway Drive
9	Fremont Avenue
10	Marina Boulevard
11	Marina Boulevard
12	Marina Boulevard
13	San Leandro Boulevard
14	San Leandro Boulevard
15	San Leandro Boulevard
16	Springlake Drive
17	Teagarden Street
18	West Juana Avenue
19	Wicks Boulevard



PRELIMINARY RECOMMENDATIONS

E&TS recommended speed limit recommendations

#	Street	From	To	Current Speed Limit	Recommended Speed Limit	Change
1	Aladdin Avenue	I-880	Alvarado Street	40	35	-5
2	Alvarado Street	Davis Street	Marina Boulevard	35	30	-5
3	Bancroft Avenue	Estudillo Avenue	Blossom Way	30	25	-5
4	Benedict Drive	Estudillo Avenue	Howe Dr (South City Limit)	35	30	-5
5	Callan Avenue	East 14 th Street	Huff Avenue	30	25	-5
6	Doolittle Drive	Fairway Drive	Belvedere Avenue (South End)	40	35	-5
7	Fairmont Drive	Hesperian Boulevard	East 14th St (East City Limit)	35	30	-5
8	Fairway Drive	Menlo Street	I-880 – Aladdin Avenue	35	30	-5
9	Fremont Avenue	Alvarado Street	Floresta Boulevard	35	30	-5
10	Marina Boulevard	Menlo Street	Alvarado Street	40	35	-5
11	Marina Boulevard	Alvarado Street	San Leandro Boulevard	40	35	-5
12	Marina Boulevard	San Leandro Boulevard	Washington Avenue	30	25	-5
13	San Leandro Boulevard	West Broadmoor Boulevard	Davis Street	40	35	-5
14	San Leandro Boulevard	Williams Street	Washington Avenue	40	35	-5
15	San Leandro Boulevard	Washington Avenue	East 14 th Street	40	35	-5
16	Springlake Drive	Washington Avenue	Hesperian Boulevard	35	30	-5
17	Teagarden Street	Aladdin Avenue	Alvarado Street	35	30	-5
18	West Juana Avenue	San Leandro Boulevard	East 14 th Street	30	25	-5
19	Wicks Boulevard	Lewelling Boulevard	Farallon Drive	40	35	-5

NEXT STEPS

1. Recommend City Council approve ordinance adopting identifying prima facie speed limits.
2. Recommend City Council approve ordinance adopting updated speed limits established by Engineering & Traffic Survey.