## Neighborhood Traffic Calming Program



City of San Leandro Facilities and Transportation Committee Meeting April 4, 2018

### **Project Info:**

Title: Neighborhood Traffic Calming Program

CIP No. 2018.0040 and 2019.0040

Funding: \$100K in 2017-18 (General Fund)

\$100K in 2018-19 (General Fund)

### Range of Options:

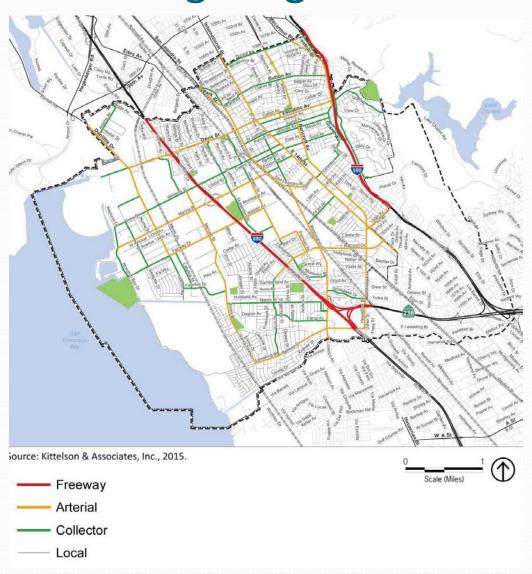
- Speed Cushions (rubber bolt-down) & Warning Signs
- Radar Speed Feedback Signs
- Raised Crosswalks & Intersections
- Bulb-outs and Curb Extensions
- Medians and Traffic Circles
- Pavement Markings and Signs



## Neighborhood Traffic Calming Program

# Roadway Classifications that Qualify for the Program:

- Residential (Yes)
- Residential Collector (Yes)
- Collector (It Depends)
  - Predominantly Residential (Yes)
  - Otherwise (No)
- Residential Arterial (No)
- Arterial (No)



### Neighborhood Traffic Calming Program

### Prioritization Using "Points" System

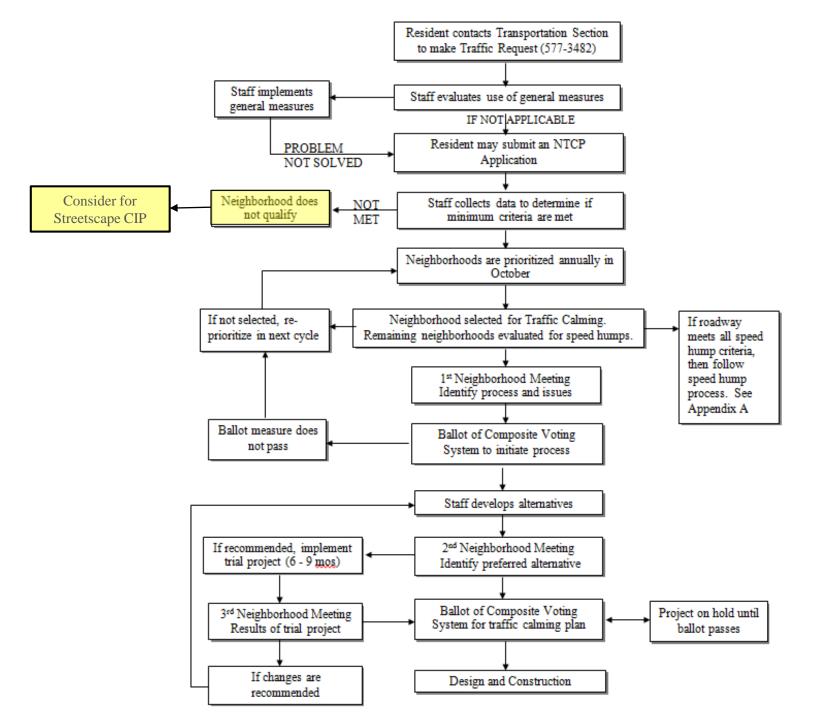
Average Daily Traffic Volume:

Local Street	Residential Collector	Points
1,000 - 1,100	2,000 - 2,200	1
1,101 - 1,200	2,201 - 2,400	2
1,201 - 1,300	2,401 - 2,600	3
1,301 - 1,400	2,601 - 2,800	4
1,401 - 1,500	2,801 – 3,000	5
1,501 - 1,600	3,001 - 3,200	6
1,601 - 1,700	3,201 - 3,400	7
1,701 – 1,800	3,401 - 3,600	8
1,801 - 1,900	3,601 - 3,800	9
1,901 and above	3,801 and above	10 maximum

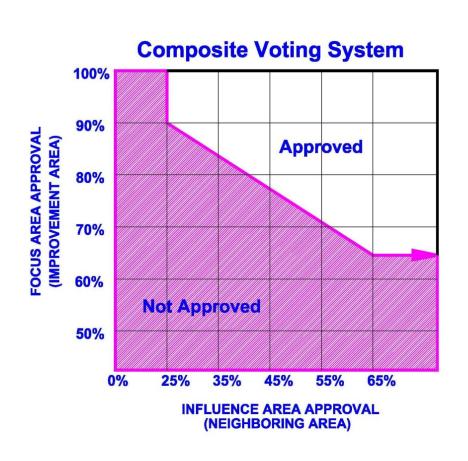
• Critical (85<sup>th</sup> Percentile) Speed:

34 mph	1
35 mph	2
36 mph	3
37 mph	4
38 mph	5
39 mph	6
40 mph	7
41 mph	8
42 mph	9
43 mph	10 maximum
	35 mph 36 mph 37 mph 38 mph 39 mph 40 mph 41 mph 42 mph

- Collision History
  - One point for each collision susceptible to correction by traffic calming over the past 3 years.
  - 5 points maximum
- Pedestrian Generators
  - One point for each park, recreation facility or other public facility that is a significant pedestrian generator within the neighborhood boundary as determined by the traffic engineer. Elementary, middle and high schools will be weighted double points in the category.
  - 5 points maximum
- Total Points Available = 30 points



## **Ballot of Composite Voting System**



# **Speed Cushion**



# Speed Hump



## Bicycle & Pedestrian Study Corridors

#### SAN LEANDRO RECOMMENDED **BICYCLE NETWORK**

#### RECOMMENDED BIKEWAYS

Seperated Bikeway (Class IV)

\*All ages and all abilities

#### EXISTING BIKEWAYS

Shared-use Path (Class I) Buffered Bike Lane

(Class II) Bike Lane

(Class II) Bike Route (Class III)

#### **DESTINATIONS +** BOUNDARIES











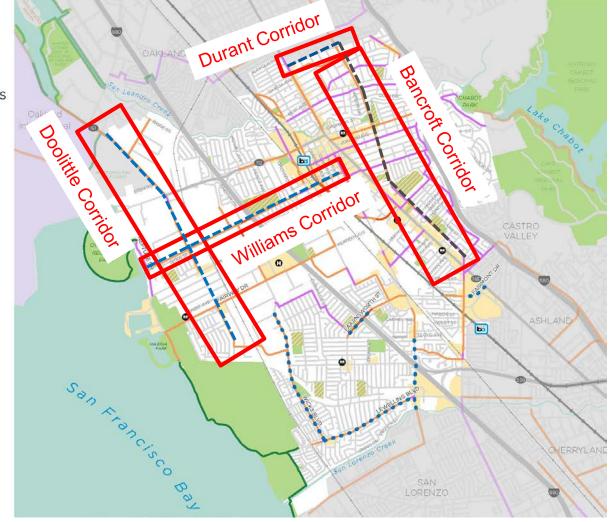


Water Body



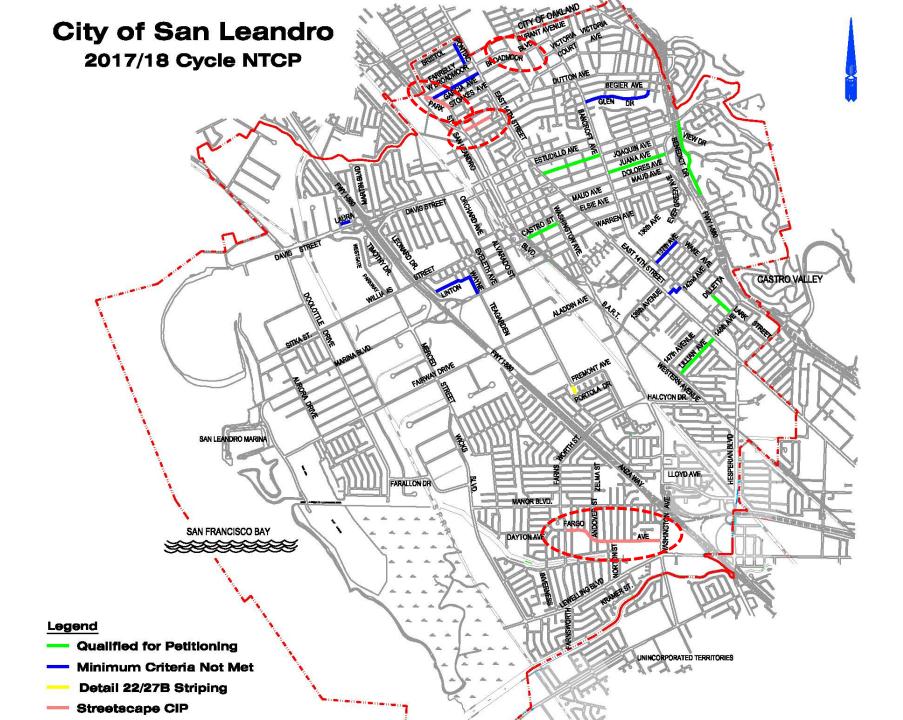
Commercial

Airport



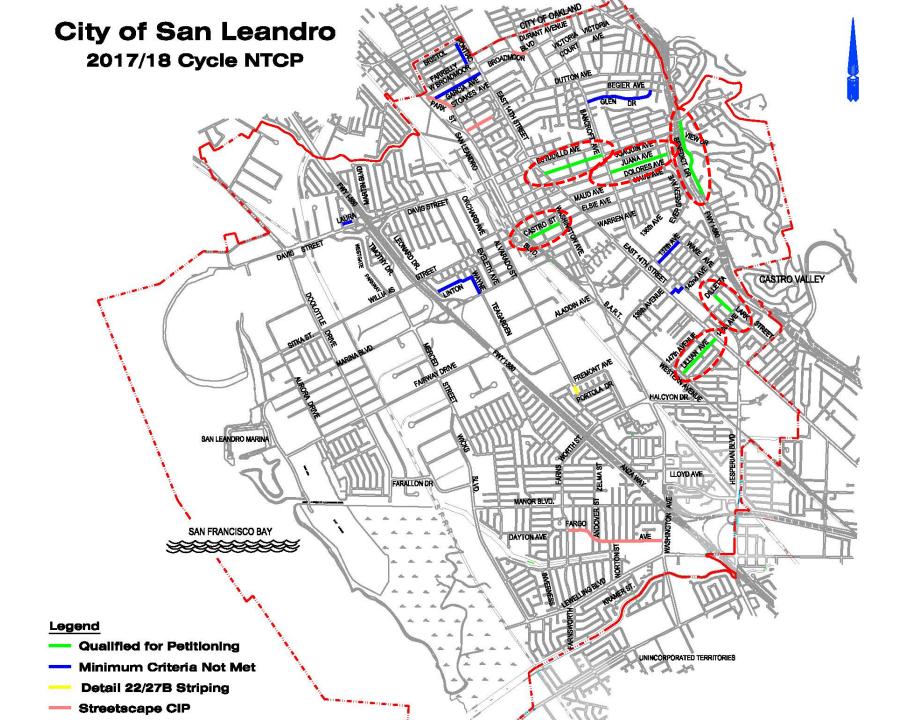
### Streetscape CIP's

	Street Name	Between	Vol	Pts.	Spd	Pts.	Colli.	Pts.	Peds	Pts.	Tot Pts.	Rank	Results
2	Fargo Ave.***	Farnsworth/Andover and Washington	8,529	10	32	0	0	0	Sch/Prk	3	13	1	Detail 22/27B & Streetscape CIP
14	Broadmoor Blvd.**	Breed Ave. and Beverly Ave.	2004	10	27	0	0	0	Sch/Prk	3	13	1	Streetscape CIP
19	Best Ave.***,**	BestAve./Park St. & Pershing Dr./Best	4,819	10	33	0	0	0	Park	1	11	2	Streetscape CIP from 2016-KC
13	Alvarado St.***	Fremont Ave. and Portola Dr.	3917	10	28	0	0	0	0	0	10	3	Detail 22 & 27B Striping
7	Castro St.*	San Leandro Blvd. and E 14th St.	2816	5	32	0	1	1	School	2	8	4	Petition for Speed Bumps
10	Dolores Ave.***,**	Grand Ave. and Bancroft Ave.	3258	7	28	0	0	0	0	0	7	5	Replace Rubber with Asphalt
11	142nd Ave.	E 14th St. and Bancroft Ave.	1253	3	20	0	0	0	School	2	5	6	Vol or Speed Criteria Not Met
12	Joaquin Ave.	E 14th St. and Bancroft Ave.	1139	2	29	0	0	0	Sch/Libr	3	5	6	Petition for Speed Bumps
3	137th Ave.	Bancroft Ave. and Wake. Ave.	349	0	28.5	0	0	0	Schools	4	4	7	Vol or Speed Ctriteria Not Met
6	Linton St.	pproaches to Wayne/Linton intersectio	776	0	30	0	0	0	Schools	4	4	7	Vol or Speed Ctriteria Not Met
8	Lillian Ave.	E 14th St. and Western Ave.	562	0	32.5	1	0	0	Prk/Libr	2	3	8	Petition for Speed Bumps
16	Lark St.	148th Ave. and Dilletta Ave.	917	0	30	0	0	0	Sch/Prk	3	3	8	Petition for Speed Bumps
17	Benedict Dr.*	Estudillo Ave. and Grand Ave.	1515	0	34	1	1	1	Park	1	3	8	Petition for Speed Feed Back
4	Glen Dr.	Bancroft Ave. and Beiger Ave.	407	0	29	0	0	0	School	2	2	9	3-Way Stop Warrant @ Superior
5	Park St.**,*	W. Broadmoor Blvd. and Stoakes Ave	1425	0	33	0	0	0	Park	1	1	10	Streetscape CIP
9	Laura Ave.	Warden Ave. and Melcher St.	569	0	25.5	0	0	0	Park	1	1	10	Vol or Speed Ctriteria Not Met
15	Garcia Ave.	Park St. and E 14th St.	662	0	29	0	0	0	Park	1	1	10	Vol or Speed Ctriteria Not Met
1	Pontiac Ave.	Bristol Blvd. and Farrelly Dr.	313	0	28.5	0	0	0	0	0	0	11	Vol or Speed Ctriteria Not Met
20	6												
21	**Existing Traffic Calr	ning Device											
22	*Collector												
23		Failed to meet at least one of the m	inimum o	riteria	or have	existi	ng spee	d hum	ps or cusl	nions	already		
24	***Res. Collector												
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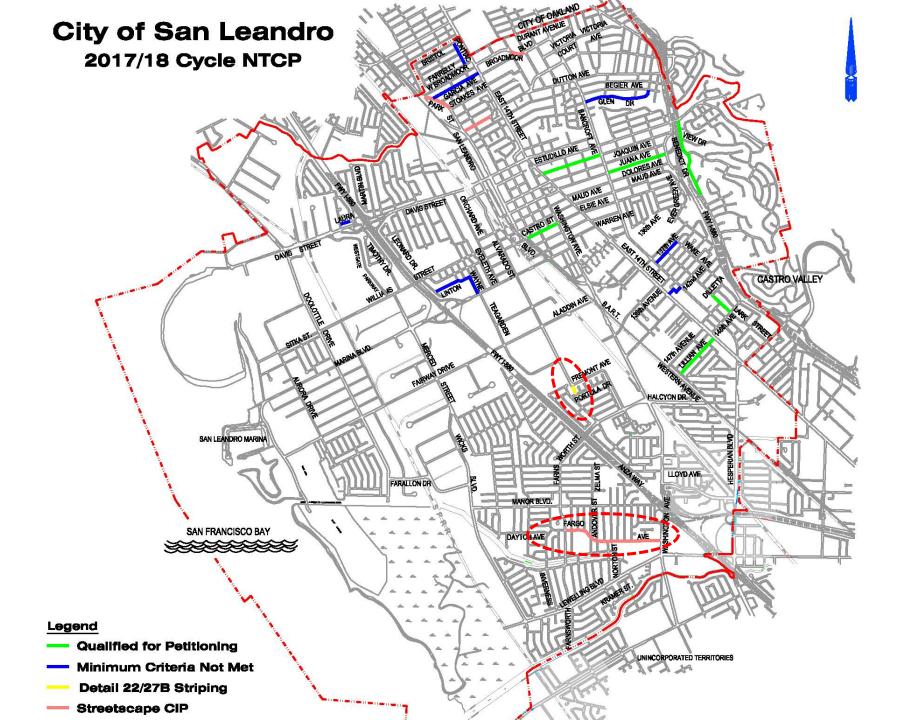
### **Qualified for Petitioning**

	Street Name	Between	Vol	Pts.	Spd	Pts.	Colli.	Pts.	Peds	Pts.	Tot Pts.	Rank	Results
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19	Best Ave.***,**	BestAve./Park St. & Pershing Dr./Best	4,819	10	33	0	0	0	Park	1	11	2	Streetscape CIP from 2016-KC
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8	Lillian Ave.	E 14th St. and Western Ave.	562	0	32.5	1	0	0	Prk/Libr	2	3	8	Petition for Speed Bumps
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17	Benedict Dr.*	Estudillo Ave. and Grand Ave.	1515	0	34	1	1	1	Park	1	3	8	Petition for Speed Feed Back
4	Glen Dr.	Bancroft Ave. and Beiger Ave.	407	0	29	0	0	0	School	2	2	9	3-Way Stop Warrant @ Superior
5	Park St.**,*	W. Broadmoor Blvd. and Stoakes Ave	1425	0	33	0	0	0	Park	1	1	10	Streetscape CIP
9	Laura Ave.	Warden Ave. and Melcher St.	569	0	25.5	0	0	0	Park	1	1	10	Vol or Speed Ctriteria Not Met
15	Garcia Ave.	Park St. and E 14th St.	662	0	29	0	0	0	Park	1	1	10	Vol or Speed Ctriteria Not Met
1	Pontiac Ave.	Bristol Blvd. and Farrelly Dr.	313	0	28.5	0	0	0	0	0	0	11	Vol or Speed Ctriteria Not Met
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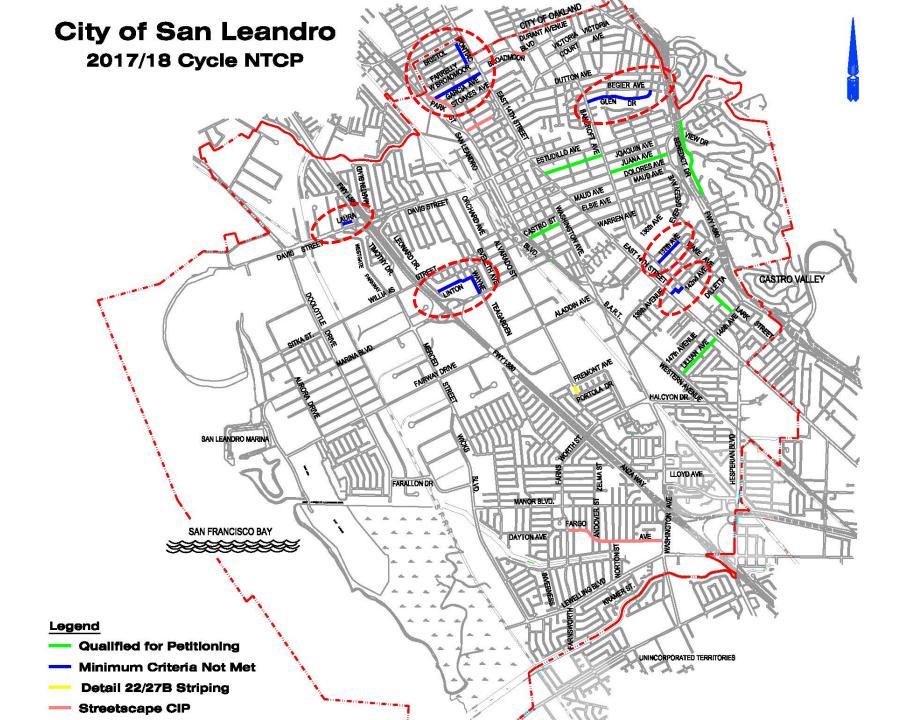
### **Edgeline Striping**

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13	Alvarado St.***	Fremont Ave. and Portola Dr.	3917	10	28	0	0	0	0	0	10	3	Detail 22 & 27B Striping
7	Castro St.*	San Leandro Blvd. and E 14th St.	2816	5	32	0	1	1	School	2	8	4	Petition for Speed Bumps
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### Did not satisfy minimum program criteria

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# Questions and Answers?