### Neighborhood Traffic Calming



City of San Leandro Facilities and Transportation Committee Meeting October 4, 2017

### **Project Info:**

- Title: Neighborhood Traffic Calming Program
- CIP No. 2017.0040 (added w/mid-year budget adjustment)
- Funding: \$250K (General Fund)

\$100K (Development Fee for Street Improvements "DFSI")

Range of Options:

- Speed Cushions (rubber bolt-down) & Warning Signs
- Radar Speed Feedback Signs
- Raised Crosswalks & Intersections
- Bulb-outs and curb extensions
- Medians



### Neighborhood Traffic Calming Program

Local

Roadway Classifications that Qualify for the Program:

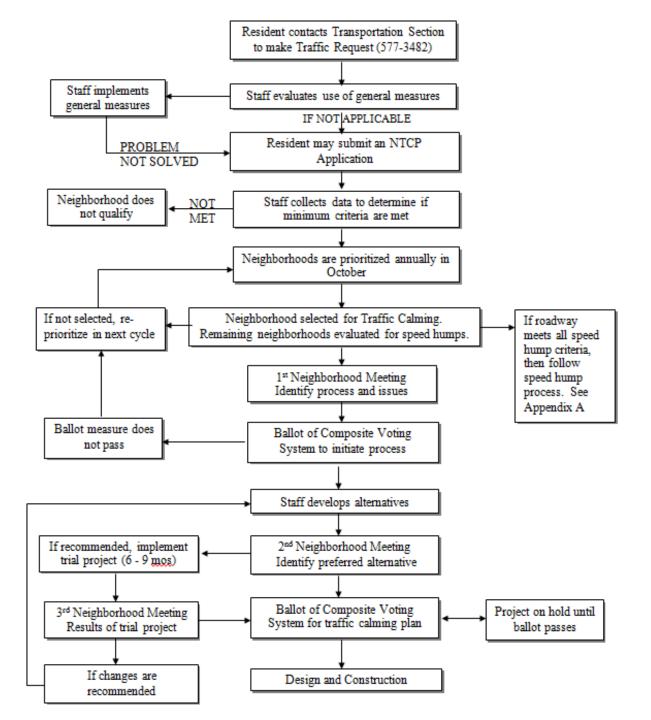
- Residential (Yes)
- Residential Collector (Yes)
- Collector (It Depends)
  - Predominantly Residential (Yes)
  - Otherwise (No)
- > Residential Arterial (No)
- > Arterial (No)



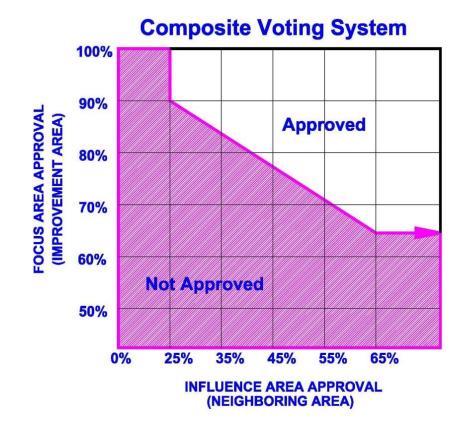
### Neighborhood Traffic Calming Program

Minimum criteria:

- 85<sup>th</sup> Percentile Speed ("Critical speed")
  - > 32 miles per hour (residential local roadways)
  - > 34 miles per hour (collectors & residential collectors)
- Average Daily Traffic ("Traffic volume")
  - > 1,000 vehicles (residential local roadways)
  - > 2,000 vehicles (collector & residential collectors)

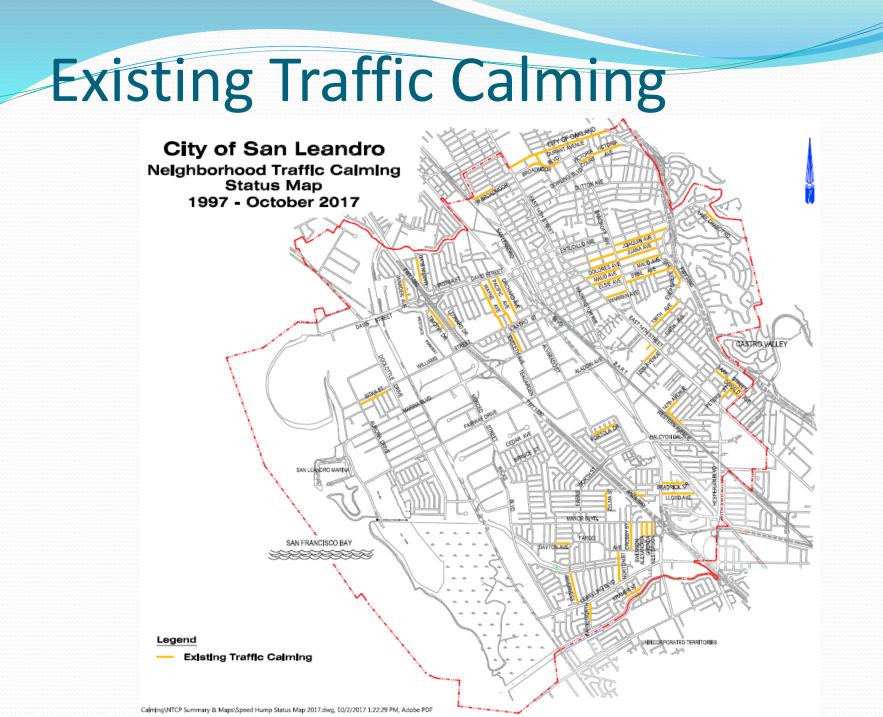


### **Ballot of Composite Voting System**



### Speed Cushion





### 2014-15 Traffic Calming List

#### **NEIGHBORHOOD TRAFFIC CALMING PROGRAM 2014-15**

	Street Name	Between	Vol	Pts.	Spd	Pts.	Colli.	Pts.	Peds	Pts.	Tot Pts.	Rank	Results
7	Merced St./Willow Ave.	Spruce St. and Juniper St.	1948	10	34.5	3	0	0	2	3	16	1	Opt-out due to low votes
10	*Dolores Ave.	E 14th St. and Bancroft Ave.	4096	10	32	0	0	0	0	0	10	2	Build speed bumps
12	Joaquin Ave.	E 14th St. and Bancroft Ave.	1463	5	29.5	0	0	0	2	3	8	3	Opt-out due to low votes
1	136th Ave.	Bancroft Ave. and School St.	1,068	1	31.5	0	1	1	2	4	6	4	Build speed bumps
6	Linton St.	Sundberg Ave. and Campbell Ave	643	0	29	0	0	0	2	4	4	5	Vol or Spd Criteria Not Met
8	Dowling Blvd.	Bancroft Ave. and Dutton Ave.	896	0	30	0	0	0	2	4	4	5	Vol or Spd Criteria Not Met
9	138th Ave.	Wake Ave. and Lark St.	689	0	31	0	0	0	2	4	4	5	Continue to 2015/16 NTCP
5	Wake Ave.	Russ Ave. and 148th Ave.	809	0	30	0	0	0	2	3	3	6	Vol or Spd Criteria Not Met
11	Anza Way	3720 Anza Way to Serra Dr.	659	0	30	0	0	0	2	3	3	7	Vol or Spd Criteria Not Met
14	West Ave. 133rd	Doolittle Dr. and Menlo St.	261	0	24.5	0	0	0	1	2	2	8	Vol or Spd Criteria Not Met
2	Donovan Dr.	Brookside Dr. and Charles Rd.	301	0	27.5	0	1	1	0	0	1	9	Vol or Spd Criteria Not Met
4	Belleview Dr.	Pershing Dr. and Park St.	822	0	29	0	0	0	1	1	1	9	Vol or Spd Criteria Not Met
13	Julius St.	Durant Ave. and Broadmoor Blvd.	109	0	21.5	0	1	1	0	0	1	9	Vol or Spd Criteria Not Met
3	Breckenridge St.	Farnsworth St. and Argonne St.	246	0	25.0	0	0	0	0	0	0	10	Vol or Spd Criteria Not Met
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16													
17													
18		PR	OJE	CIS	5 CC	JMI	LF	IEL	) THI	S Y	EAR		
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20	**Existing Traffic Caln	ning Device			-								
21	*Collector							÷.					
22		Failed to meet at least one of the m	ninimum	criteria	a or hav	e exis	ting spe	ed hur	nps or cu	shions	s already		
23	1	Continue with petition process due											
24													
25					-								
26													
27							1	1					

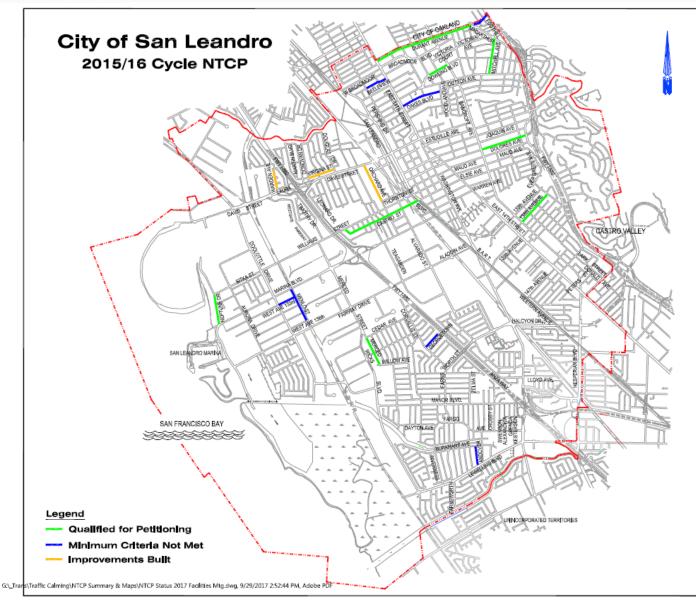


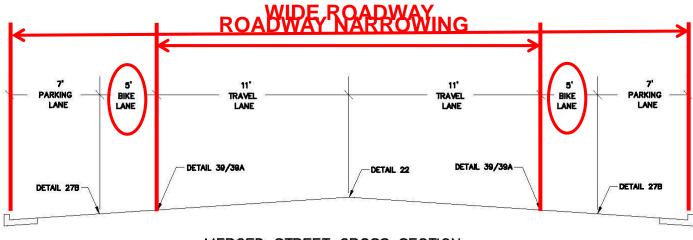
# 2015-16 Traffic Calming Status

#### NEIGHBORHOOD TRAFFIC CALMING PROGRAM 2015-16

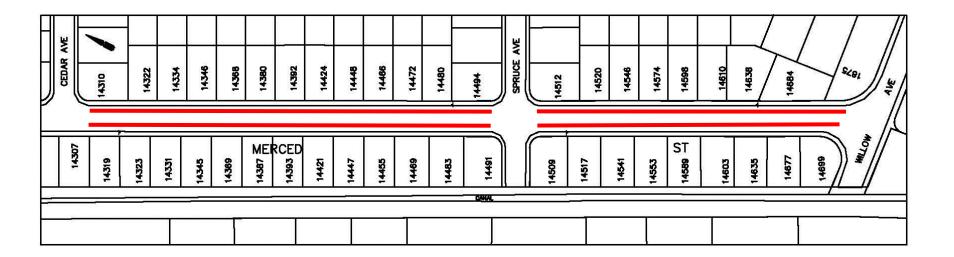
	Street Name	Between	Vol	Pts.	Spd	Pts.	Colli.	Pts.	Peds	Pts.	Tot Pts.	Rank	Results
1	***Merced St.	Cedar Ave. and Spruce St.	3069	10	35	4	0	0	Sch/Prk	3	17	1	Detail 22 & Bike Lanes
2	Castro St.	Williams St. and Orchard Ave.	2572	10	31	0	0	0	School	2	12	2	Build speed bumps
3	**Orchard Ave.	Thornton St. and Davis St.	2454	10	24	0	1	1	Schl/Prk	2	12	2	Speed bumps built
4	Warden Ave.	Melcher St. and Laura Ave.	2492	10	31.5	0	0	0	Park	1	11	3	Speed bumps built
- 5	Castro St.	Orchard Ave. and San Leandro Blvd.	2239	10	31	0	0	0	0	0	10	4	Build speed bumps
6	Virgina St.	Donovan Dr. and Douglas Dr.	3488	10	27	0	0	0	0	0	10	4	Detail 23 striping
- 7	*,**Durant Ave.	E 14th St. and Bancroft Ave.	4450	10	25	0	1	1	0	0	10	4	Streetscape CIP
8	*,**Durant Ave.	Bancroft Ave. and MacArthur Blvd.	3002	6	24	0	0	0	0	0	6	5	Streetscape CIP
9	Dowling Blvd.	Bancroft Ave. and Dutton Ave.	1,104	2	31	0	0	0	School	2	4	6	Streetscape CIP
10	Georgetown Ave.	Corvallis St. and Hanover St.	188	0	26	0	0	0	School	1	1	7	Vol or Spd Criteria Not Met
11	Mitchell Ave.	MacArthur Blvd. and Dutton Ave.	990	0	28.5	0	0	0	School	1	1	7	Opt-out due to low votes
12	Oakes Blvd.	E 14th St. and Woodland Ave.	727	0	29	0	0	0	School	1	1	7	Vol or Spd Criteria Not Met
13	Menlo St.	Marina Blvd. and W. Ave. 136th	799	0	31	0	0	0	0	0	0	8	Vol or Spd Criteria Not Met
14	Andover St.	Burkhart Ave. and Lewelling Blvd.	257	0	29	0	0	0	0	0	0	8	Vol or Spd Criteria Not Met
15	Durant Ave.	MacArthur Blvd. and Foothill Blvd.	715	0	27.5	0	0	0	0	0	0	8	Vol or Spd Criteria Not Met
16	W. Ave. 133rd	Doolittle Dr. and Menlo St.	263	0	25.5	0	0	0	0	0	0	8	Vol or Spd Criteria Not Met
17	Belleview Dr.	Pershing Dr. and E 14th St.	917	0	28.5	0	0	0	0	0	0	8	Vol or Spd Criteria Not Met
18	Neptune Dr.	Williams St. and Marina Blvd.											Build speed bumps
19	Dolores Ave.	Grand Ave. and Bancroft Ave											Replace Rubber with Asphalt?
20	138th Ave.	School St and Bancroft Ave.											Build speed bumps
21	**Existing Traffic Caln	ning Device											
22	* Res. Collector												
23		Failed to meet at least one of the m	inimum	criteria	a or hav	e exist	ing spe	ed hur	nps or cu	shions	already		
24	*** Ranked 1st in 2013	/14 NTCP											
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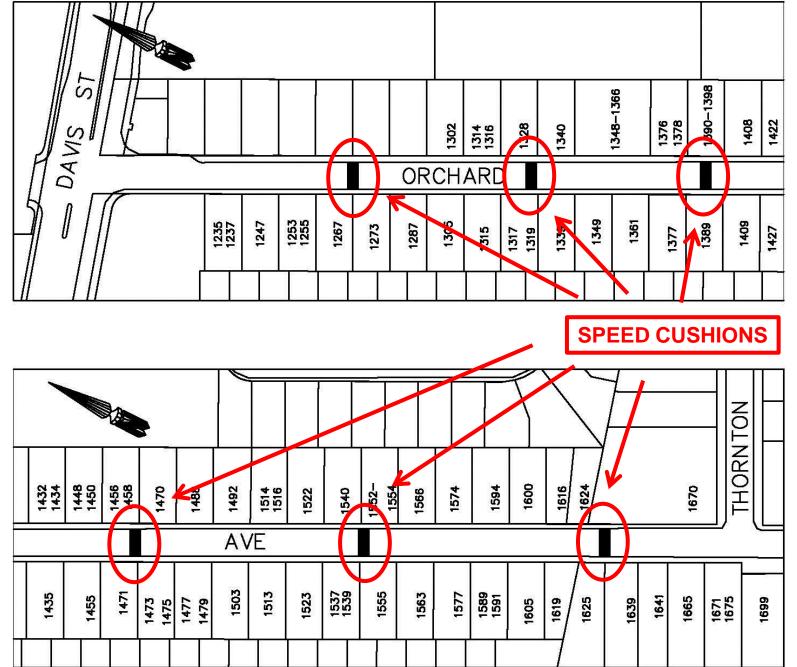
## 2015-16 Traffic Calming Status





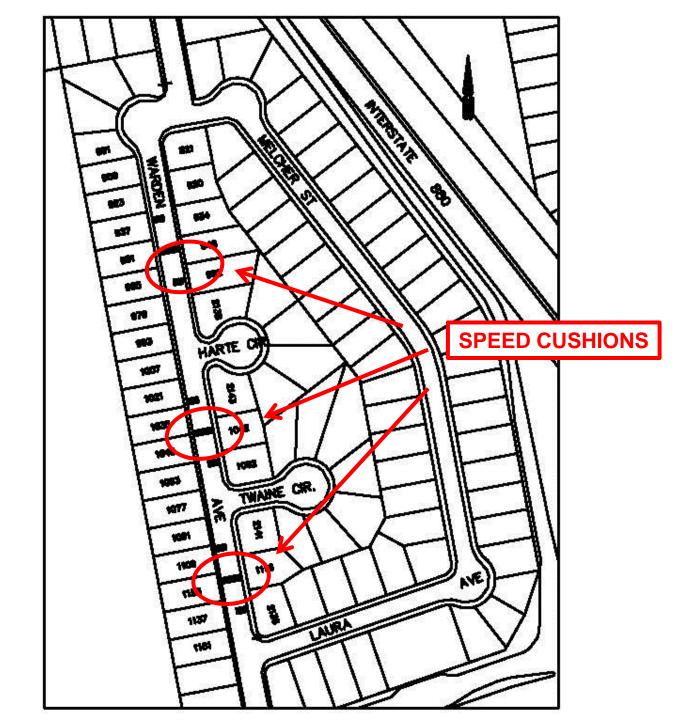






MATCH LINE

MATCH LINE

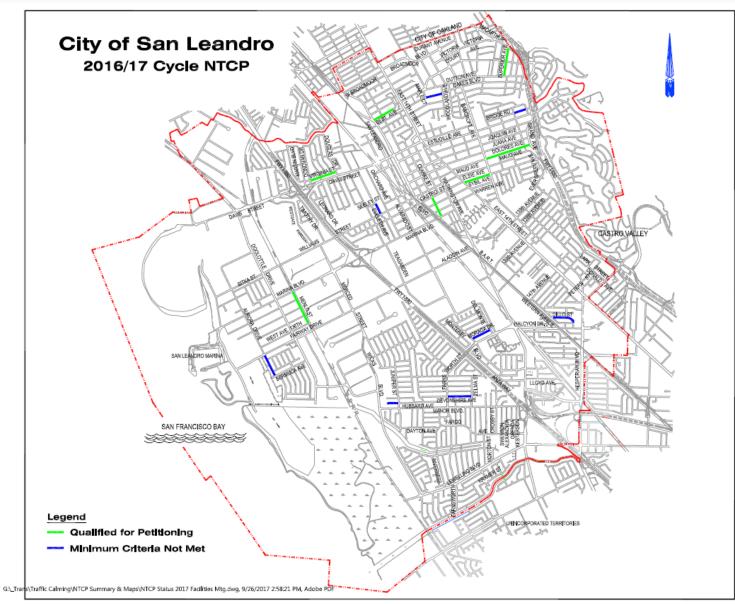


## 2016-17 Traffic Calming Status

#### NEIGHBORHOOD TRAFFIC CALMING PROGRAM 2016-17

5	street Name	Between	Vol	Pts.	Spd	Pts.	Colli.	Pts.	Peds	Pts.	Tot Pts.	Rank	Results
5	Sybil Ave.*	E 14th St. and Bancroft Ave.	6909	10	33	0	0	0	School	2	12	1	Petitioning in Progress
1	Best Ave.*	SLB/BestAve./Park St. & Pershing Dr./Best Ave.	4,819	10	33	0	0	0	Park	1	11	2	Streetscape CIP
8	Virginia St.	Donovan Dr. and Douglas Dr.	3584	10	27	0	0	0	0	0	10	3	Petitioning in Progress
10	Maud Ave.**	Grand Ave. and Bancroft Ave.	1905	10	28	0	0	0	0	0	10	4	Replace Asphalt with Rubber
15	Clarke St.	Marina Blvd. and Castro St.	1432	5	29	0	0	0	Poo1	1	6	5	Reviewing 4-Way Stop
3	Moraga Dr.	Monterey Blvd. and Del Monte Way	188	0	28	0	0	0	Sch/Prk	3	2	6	Vol or Spd Criteria Not Met
4	Eveleth Ave.	Seeley and Williams St.	207	0	24	0	0	0	School	2	2	6	Vol or Spd Criteria Not Met
6	Superior Ave.	MacArthr Blvd. and Dutton Ave.	997	0	30	0	0	0	School	2	2	6	Petitioning in Progress
7	Oakes Blvd.	Maple Ct. and Woodland Ave.	639	0	28	0	0	0	School	2	2	6	Vol or Spd Criteria Not Met
13	Aurora Dr.	Fairway Dr. and Bermuda Ave.	831	0	29	0	0	0	Chr/Lib	2	2	6	Vol or Spd Criteria Not Met
2	Devonshire Ave.	Farnsworth St. and Zelma St.	345	0	29	0	0	0	Park	1	1	7	Vol or Spd Criteria Not Met
9	Menlo St.	Marina Blvd. and W. Ave. 136th	468	0	33	1	0	0	0	0	1	7	Petitioing in Progress
12	Hubbard Ave.	West end Hubbard Ave. and Juniper St.	143	0	23	0	0	0	Church	1	1	7	Vol or Spd Criteria Not Met
11	Bridge Rd. (900)	Morgan Ave. and Collier Dr,	260	0	24	0	0	0	0	0	0	8	Vol or Spd Criteria Not Met
14	Dillo St.	Western Ave. and Western Ave.	762	0	29	0	0	0	0	0	0	8	Vol or Spd Criteria Not Met
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17													
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19													
	*Existing Traffic Caln	ning Device											
21 *	Res. Collector												
22		Failed to meet at least one of the minimum criteria or	have exi	isting s	peed hu	unps o	r cushic	ons alr	eady				
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## 2016-17 Traffic Calming Status

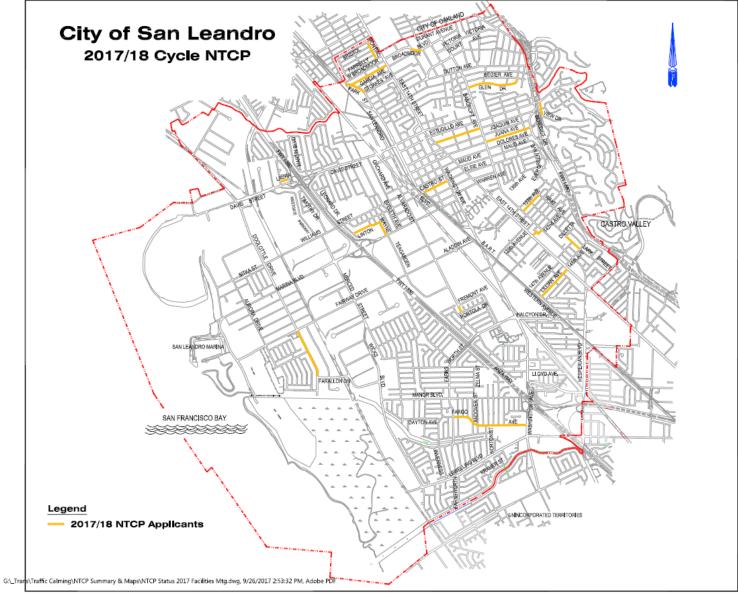


## 2017-18 Traffic Calming Status

#### NEIGHBORHOOD TRAFFIC CALMING PROGRAM 2017-18

	Street Name	Between	Vol	Pts.	Spd	Pts.	Colli.	Pts.	Peds	Pts.	Tot Pts.	Rank	Results
1	Pontiac Ave.	Bristol Blvd. and Farrelly Dr.			-								
2	Fargo Ave.***	Farnsworth/Andover and Washington											
- 3	137th Ave.	Bancroft Ave. and Wake. Ave.											
4	Glen Dr.	Bancroft Ave. and Beiger Ave.											
- 5	Park St.**	W. Broadmoor Blvd. and Stoakes Ave											
6	Linton St.	approaches to Wayne/Linton inter.											
- 7	Castro St.	San Leandro Blvd. and E 14th St.											
8	Lillian Ave.	E 14th St. and Western Ave.											
9	Laura Ave.	Warden Ave. and Melcher St.											
10	Dolores Avee**	Grand Ave. and Bancroft Ave.											
11	142nd Ave.	E 14th St. and Bancroft Ave.											
12	Joaquin Ave.	E 14th St. and Bancroft Ave.											
13	Alvarado St.	Fremont Ave. and Portola Dr.											
14	Broadmoor Blvd.	Breed Ave. and Beverly Ave.											
15	Garcia Ave.	Park St. and E 14th St.											
16	Lark St.	148th Ave. and Dilletta Ave.											
17	Benedict Dr.*	Estudillo Ave. and View Dr.											
18	Doolittle Dr.*	Fairway Dr.and Farallon Dr.											
19													
20	**Existing Traffic Caln	ning Device											
21	*Collector												
22		Failed to meet at least one of the min	imum c	riteria	or have	existi	ng spee	d hum	ps or cusl	iions a	already		
23	***Res. Collector												
24													
25													
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27													

## 2017-18 Traffic Calming Status



# Questions and Answers?

#### NEIGHBORHOOD TRAFFIC CALMING PROGRAM 2015-16

	Street Name	Between	Vol	Pts.	Spd	Pts.	Colli.	Pts.	Peds	Pts.	Tot Pts.	Rank	Results
1	***Merced St.	Cedar Ave. and Spruce St.	3069	10	35	4	0	0	Sch/Prk	3	17	1	Detail 22 & Bike Lanes
2	Castro St.	Williams St. and Orchard Ave.	2572	10	31	0	0	0	School	2	12	2	Build speed bumps
3	**Orchard Ave.	Thornton St. and Davis St.	2454	10	24	0	1	1	Schl/Prk	2	12	2	Speed bumps built
4	Warden Ave.	Melcher St. and Laura Ave.	2492	10	31.5	0	0	0	Park	1	11	3	Speed bumps built
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7	*,**Durant Ave.	E 14th St. and Bancroft Ave.	4450	10	25	0	1	1	0	0	10	4	Streetscape CIP
8	*,**Durant Ave.	Bancroft Ave. and MacArthur Blvd.	3002	6	24	0	0	0	0	0	6	5	Streetscape CIP
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19	Dolores Ave.	Grand Ave. and Bancroft Ave											Replace Rubber with Asphalt?
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22	* Res. Collector												
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10	-	Grand Ave. and Bancroft Ave.	1905	10	28	0	0	0	0	0	10	4	Replace Asphalt with Rubber
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2	Devonshire Ave.	Farnsworth St. and Zelma St.	345	0	29	0	0	0	Park	1	1	7	Vol or Spd Criteria Not Met
9	Menlo St.	Marina Blvd. and W. Ave. 136th	468	0	33	1	0	0	0	0	1	7	Petitioing in Progress
12	Hubbard Ave.	West end Hubbard Ave. and Juniper St.	143	0	23	0	0	0	Church	1	1	7	Vol or Spd Criteria Not Met
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#### NEIGHBORHOOD TRAFFIC CALMING PROGRAM 2016-17

#### NEIGHBORHOOD TRAFFIC CALMING PROGRAM 2017-18

	Street Name	Between	Vol	Pts.	Spd	Pts.	Colli.	Pts.	Peds	Pts.	Tot Pts.	Rank	Results
1	Pontiac Ave.	Bristol Blvd. and Farrelly Dr.			<b>I</b>								
2	Fargo Ave.***	Farnsworth/Andover and Washington											
3	137th Ave.	Bancroft Ave. and Wake. Ave.											
4	Glen Dr.	Bancroft Ave. and Beiger Ave.											
5	Park St.**	W. Broadmoor Blvd. and Stoakes Ave											
6	Linton St.	approaches to Wayne/Linton inter.											
7	Castro St.	San Leandro Blvd. and E 14th St.											
8	Lillian Ave.	E 14th St. and Western Ave.											
9	Laura Ave.	Warden Ave. and Melcher St.											
10	Dolores Avee**	Grand Ave. and Bancroft Ave.											
11	142nd Ave.	E 14th St. and Bancroft Ave.											
12	Joaquin Ave.	E 14th St. and Bancroft Ave.											
13	Alvarado St.	Fremont Ave. and Portola Dr.											
14	Broadmoor Blvd.	Breed Ave. and Beverly Ave.											
15	Garcia Ave.	Park St. and E 14th St.											
16	Lark St.	148th Ave. and Dilletta Ave.											
17	Benedict Dr.*	Estudillo Ave. and View Dr.											
18	Doolittle Dr.*	Fairway Dr.and Farallon Dr.											
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	*Collector												
22		Failed to meet at least one of the min	imum c	riteria (	or have	existin	ng speed	d humj	ps or cusl	nions a	already		
	***Res. Collector												
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