

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

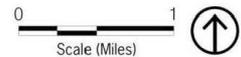
Roadway Classifications that Qualify for the Program:

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



Source: Kittelson & Associates, Inc., 2015.

- Freeway
- Arterial
- Collector
- Local

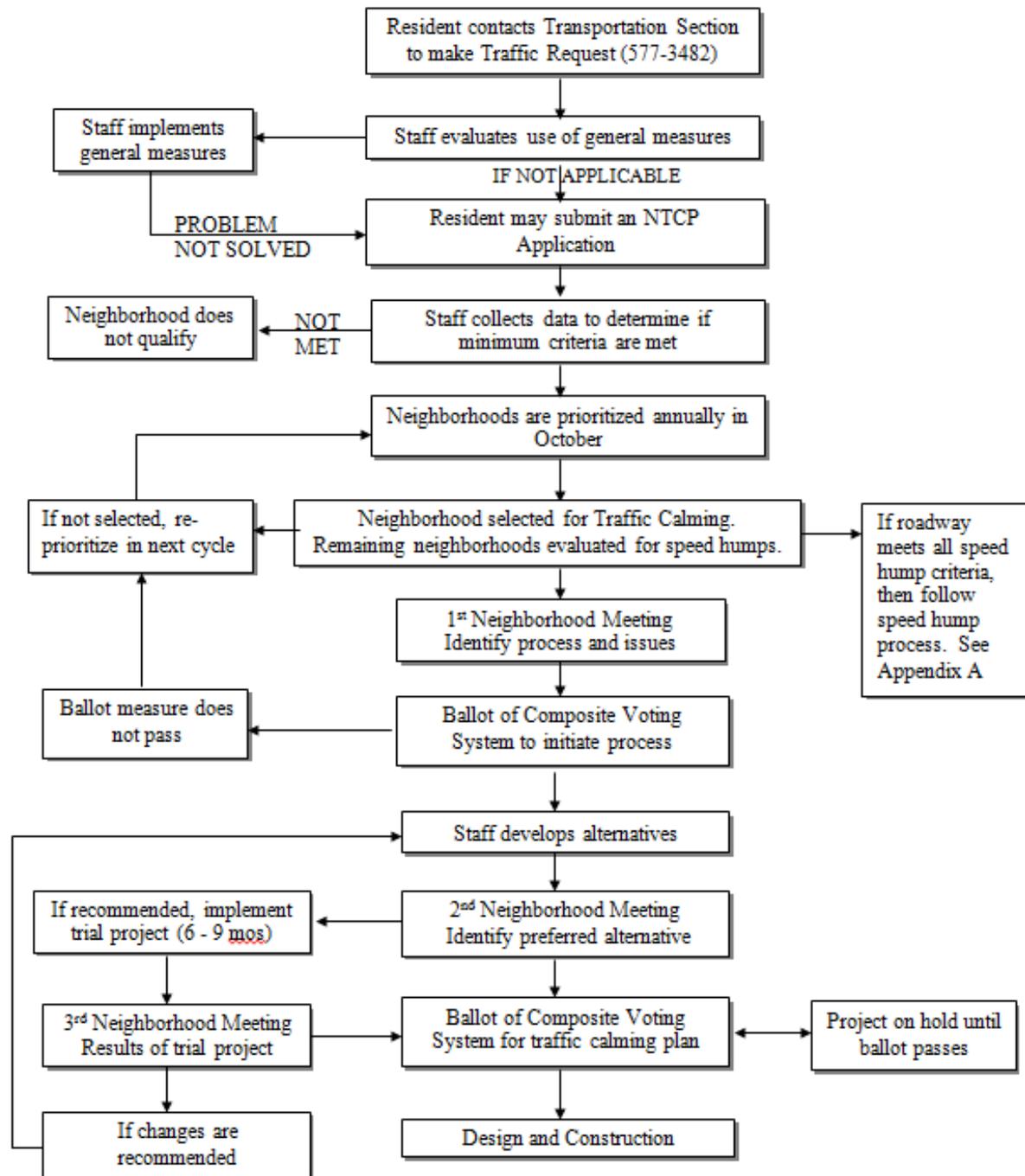


Neighborhood Traffic Calming Program

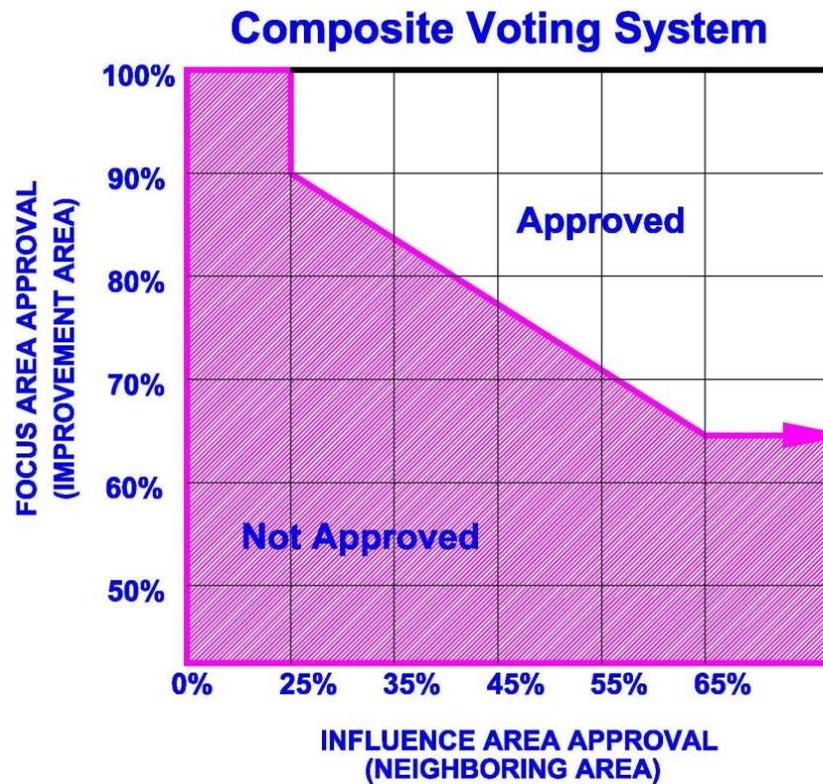
Minimum criteria:

85th 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

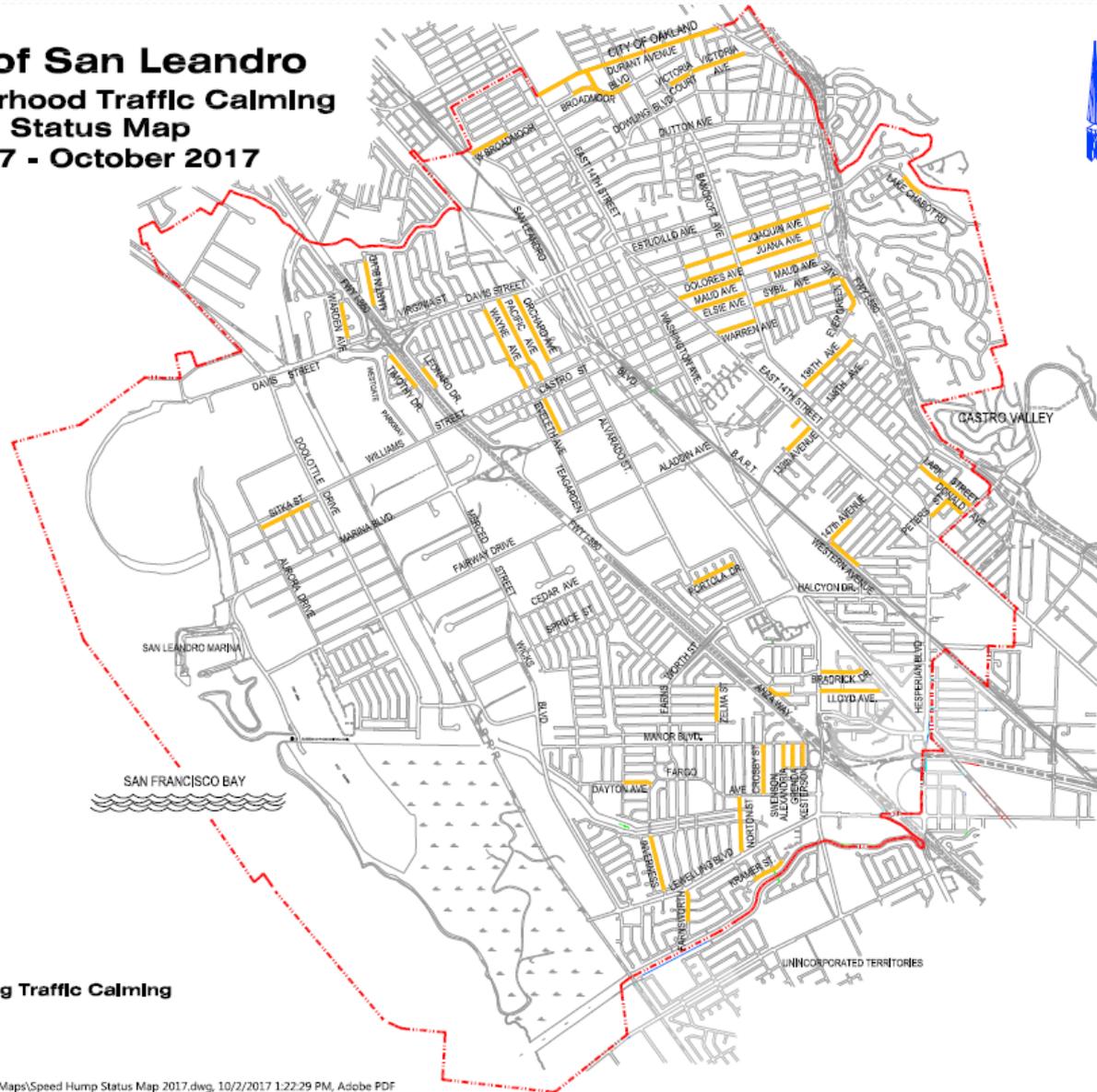


Speed Cushion



Existing Traffic Calming

City of San Leandro Neighborhood Traffic Calming Status Map 1997 - October 2017



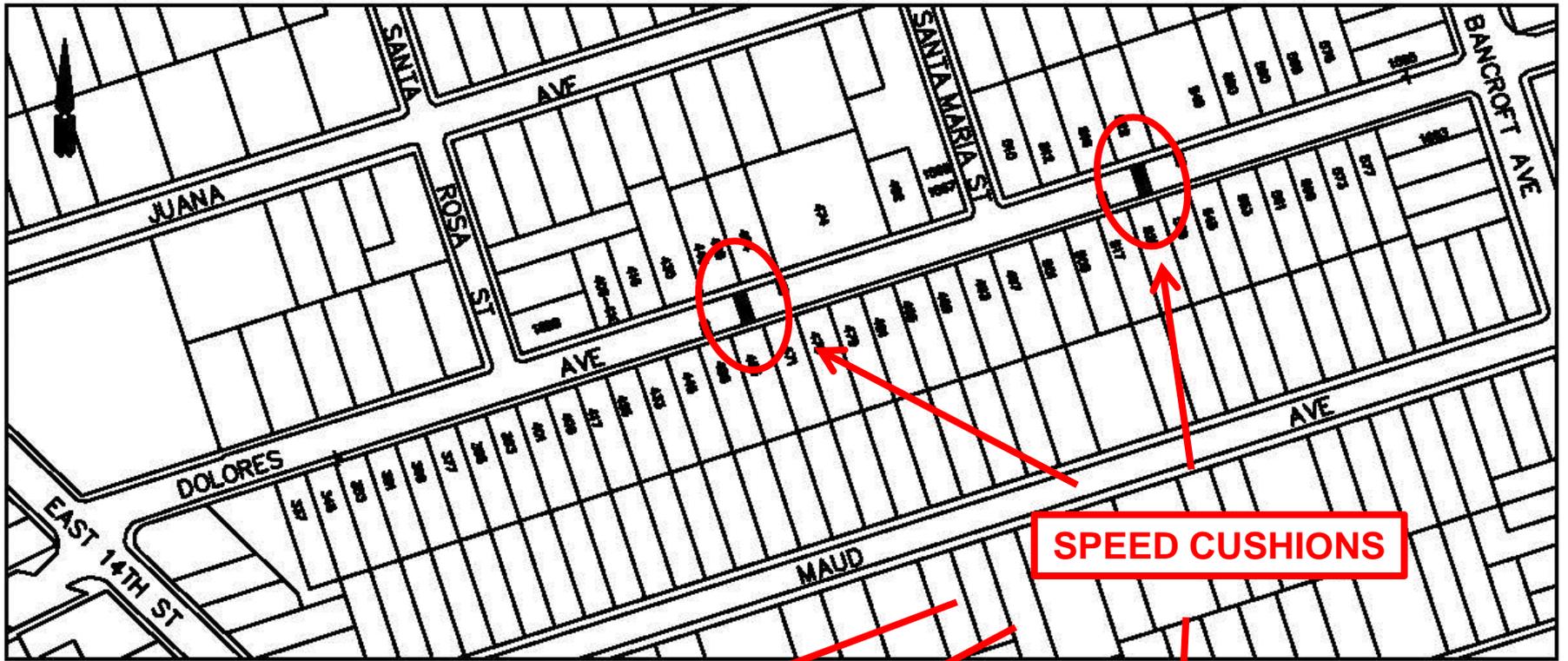
Legend
— Existing Traffic Calming

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	Bellevue 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	29.5	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
15													
16													
17													
18													
19													
20	**Existing Traffic Calming Device												
21	*Collector												
22	Failed to meet at least one of the minimum criteria or have existing speed humps or cushions already												
23	Continue with petition process due to proximity of 136th Ave.												
24													
25													
26													
27													

PROJECTS COMPLETED THIS YEAR



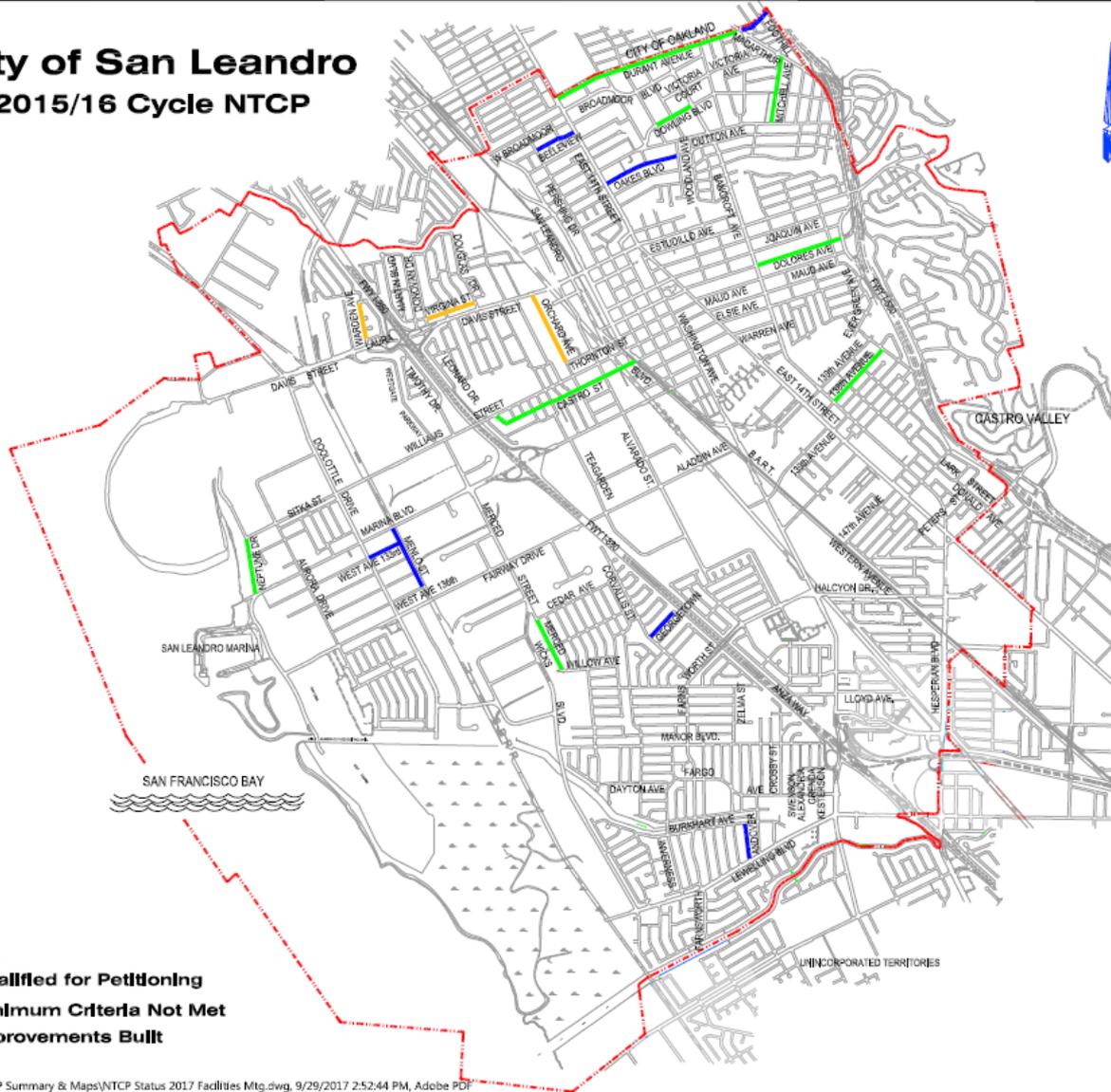
2015-16 Traffic Calming Status

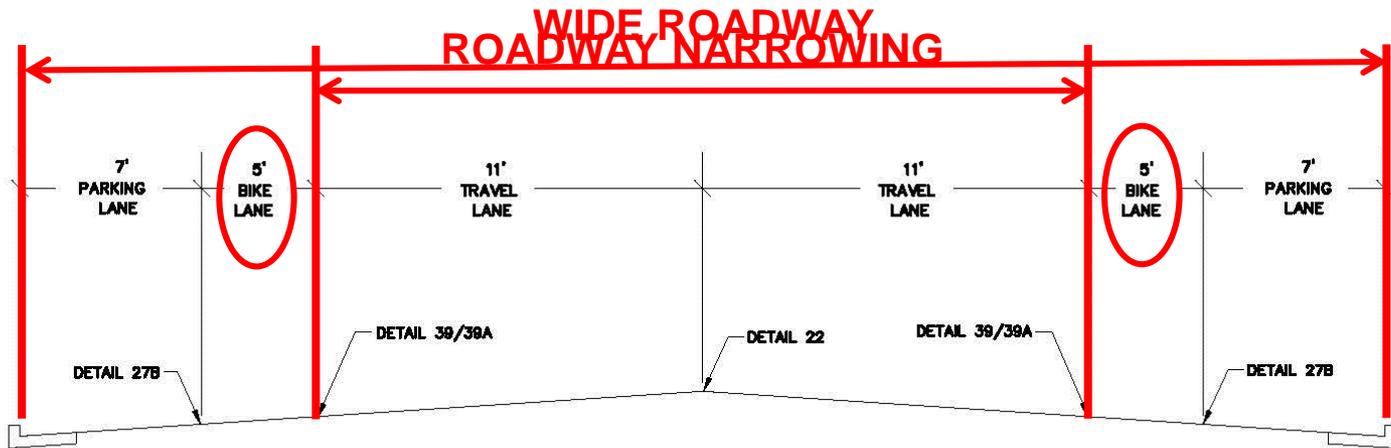
NEIGHBORHOOD TRAFFIC CALMING PROGRAM 2015-16

	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	Bellevue 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 Calming Device												
22	* Res. Collector												
23	Failed to meet at least one of the minimum criteria or have existing speed humps or cushions already												
24	*** Ranked 1st in 2013/14 NTCP												
25													
26													
27													

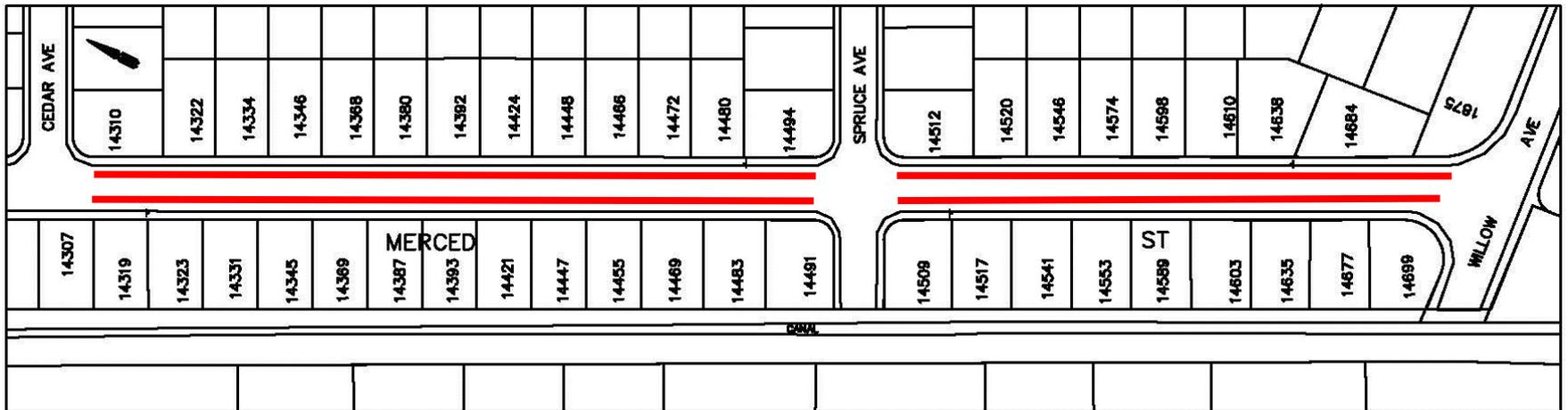
2015-16 Traffic Calming Status

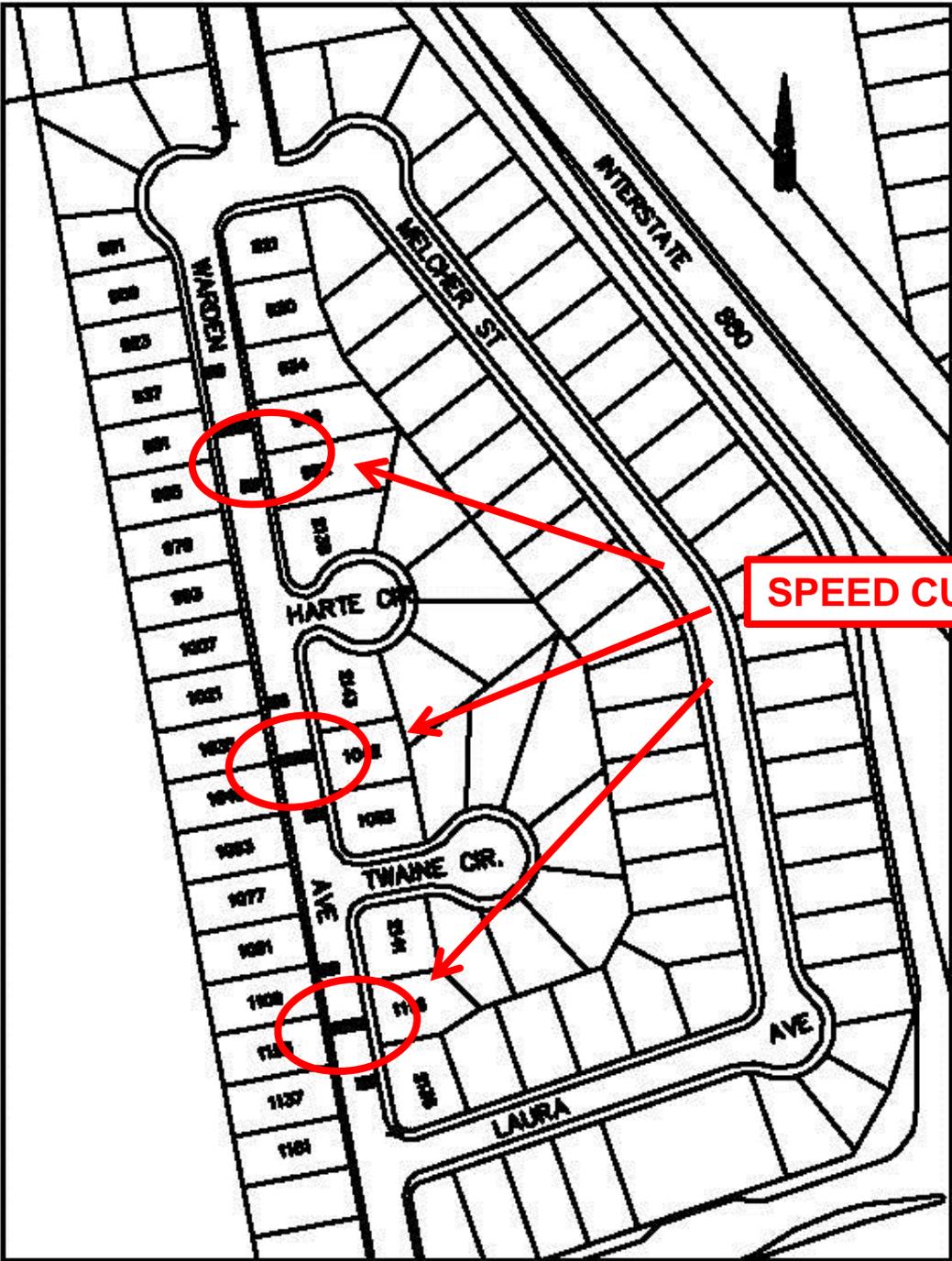
City of San Leandro 2015/16 Cycle NTCP





MERCED STREET CROSS SECTION





SPEED CUSHIONS



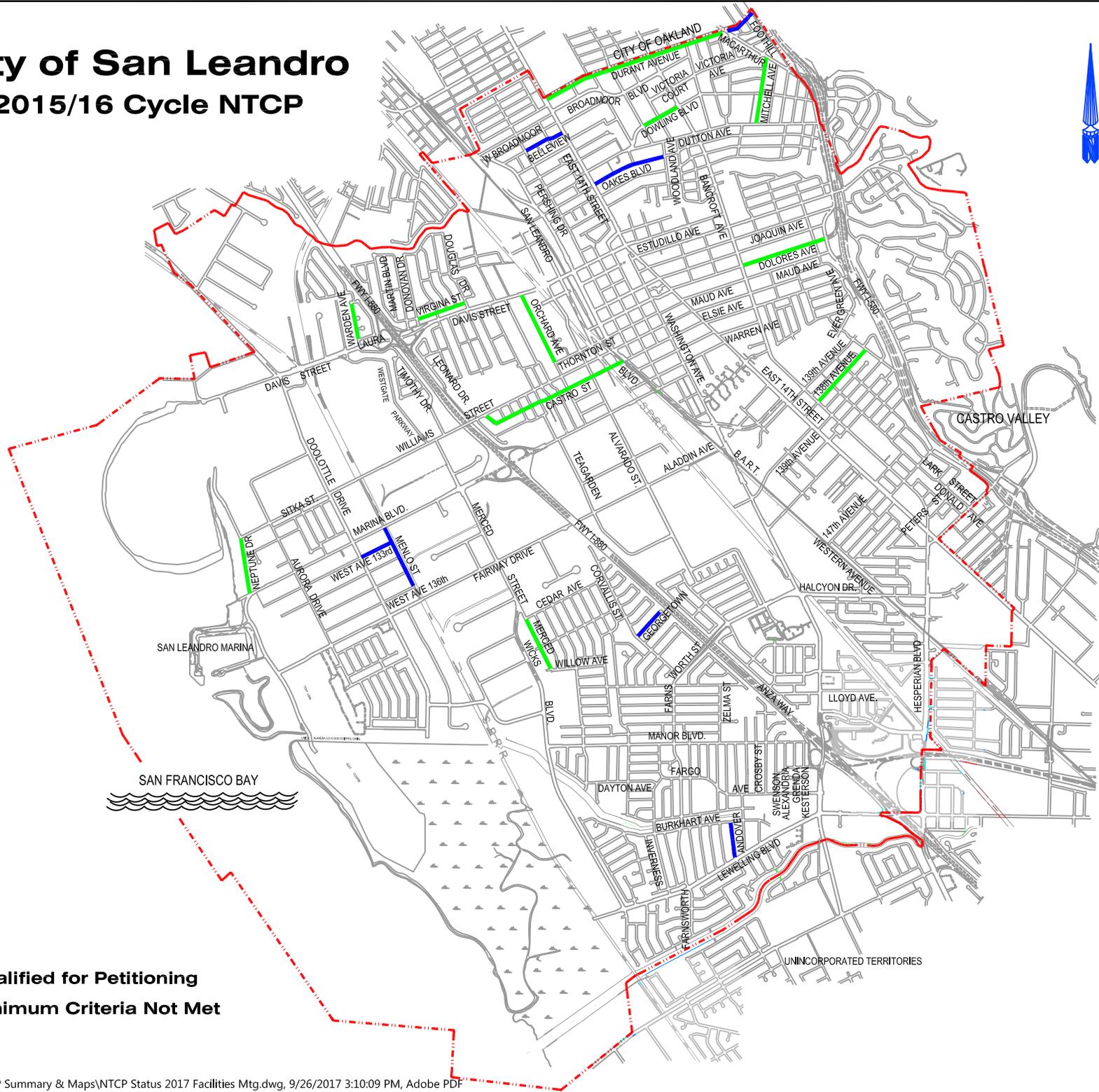
Questions and Answers?

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
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	Bellevue 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 Calming Device												
22	* Res. Collector												
23	Failed to meet at least one of the minimum criteria or have existing speed humps or cushions already												
24	*** Ranked 1st in 2013/14 NTCP												
25													
26													
27													

City of San Leandro

2015/16 Cycle NTCP

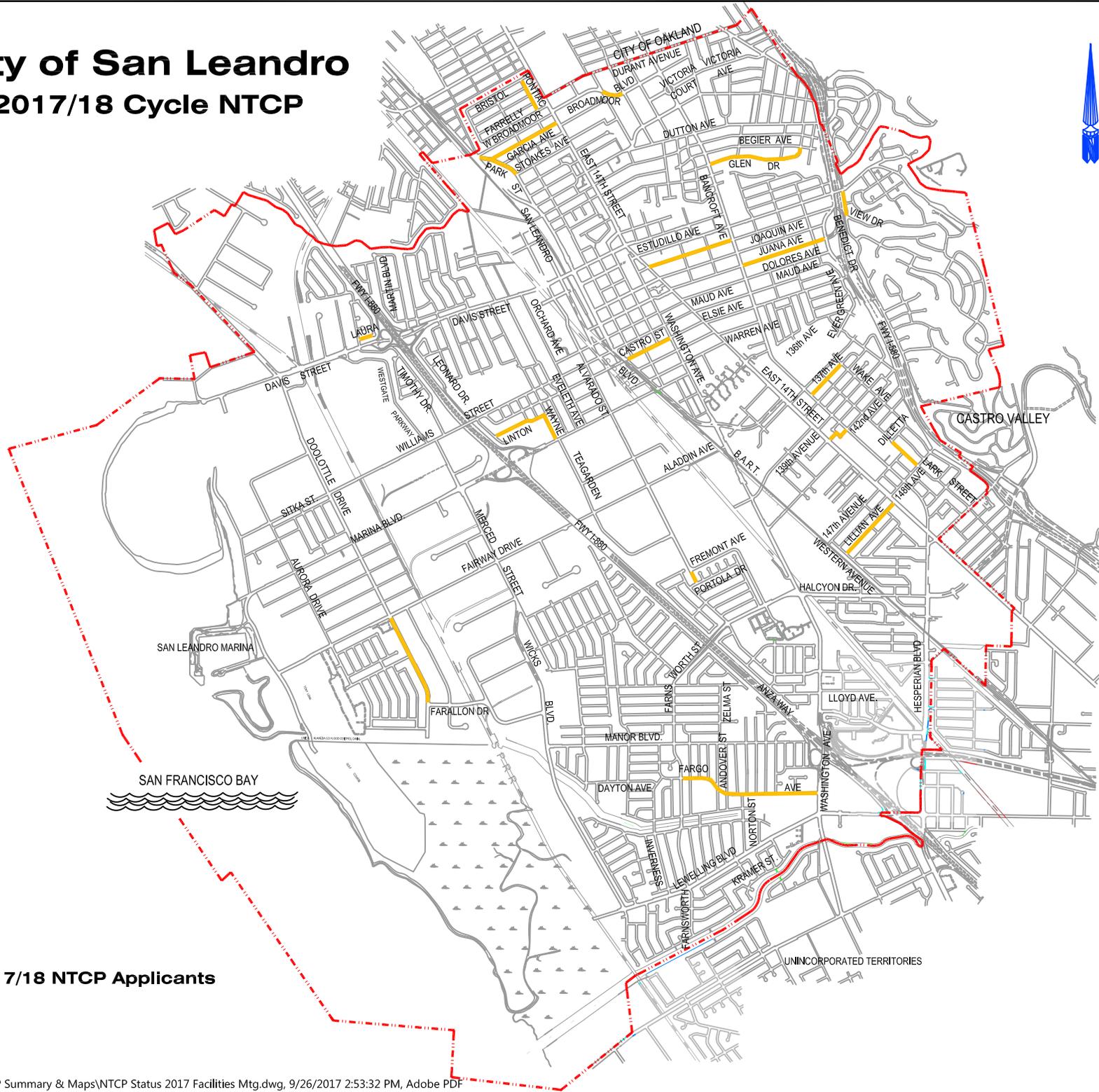


Legend

- Qualified for Petitioning
- Minimum Criteria Not Met

City of San Leandro

2017/18 Cycle NTCP



Legend

 2017/18 NTCP Applicants

UNINCORPORATED TERRITORIES