



# City of San Leandro

Meeting Date: September 5, 2017

## Presentation

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**File Number:** 17-484

**Agenda Section:** PRESENTATIONS

**Agenda Number:** 4.C.

**TO:** City Council

**FROM:** Chris Zapata  
City Manager

**BY:** Keith Cooke  
Engineering & Transportation Director

**FINANCE REVIEW:** Not Applicable

**TITLE:** Presentation of 2017 Annual Street Overlay and Rehabilitation - San Leandro  
Boulevard Road Diet and Best Avenue Intersection Improvements

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# 2017 Annual Street Overlay and Rehabilitation

## San Leandro Boulevard Road Diet and Best Avenue Intersection Improvements

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CITY COUNCIL

SEPTEMBER 5, 2017

# Overview

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- 2017 Street Projects
- San Leandro Blvd Road Diet
- Best Ave / San Leandro Blvd Intersection



Council Goal: Maintain and enhance San Leandro's infrastructure

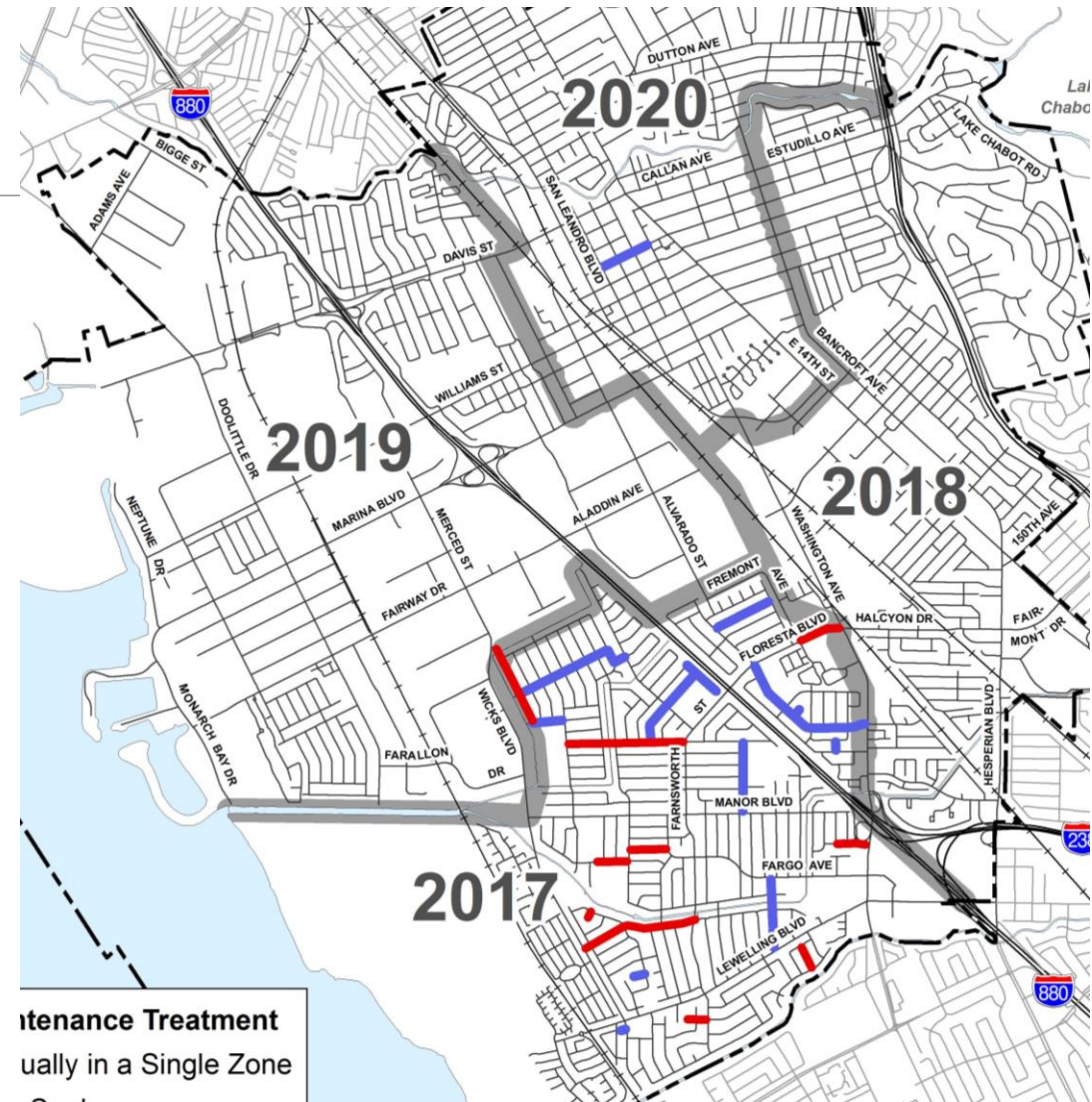
# 2017 Street Projects

The 16-17 Street Sealing project is in construction.

Contractor is American Paving Systems. Contract Value is \$750k.

Funded by Measure B and F

This package includes cape seal (red) and slurry seal (blue).





# 2017 Street Projects

Phase 1 of the 16-17 Overlay / Reconstruction Project will start construction in September.

Contractor is DeSilva Gates. Contract Value is \$3.0M .

Funded by Measure BB and HH

This package includes the following

PHASE 1		
Mill and Fill Streets		
Street Name	Start Location	End Location
1 Estabrook Street	East 14th Street	Washington Avenue
2 Fairbanks Street	Barrow Street	Sitka Street
3 Longview Drive	Astor Drive	Skyview Drive
4 O'Donnell Avenue	Reynolds Street	Grover Cleveland Park
5 San Leandro Boulevard	North City Limits	San Leandro Creek
6 Teagarden Street	Alvarado Street	1000' w/o Alvarado



# 2017 Street Projects

Phase 2 of the 16-17 Overlay / Reconstruction will start construction in Spring 2018

Expecting a bid of approximately \$3.0M

PHASE 2		
Mill and Fill Streets		
Street Name	Start Location	End Location
1 Arena Street	Laverne Avenue	Elvina Drive
2 Belleau Street	Marne Street	Maureen Street
3 Del Mar Circle	Portola Drive	Cul de Sac
4 Hesperian Boulevard	Thornally Drive	CV Freeway
5 Marne Street	Breckenridge Street	Belleau Street
6 Vining Drive	Farnsworth Street	Cranbrook Street
Reconstruction Streets		
Street Name	Start Location	End Location
1 Arena Street	Mendocino Street	Laverne Drive
2 Kappa Avenue	Laverne Drive	Elvina Drive



# San Leandro Blvd Road Diet

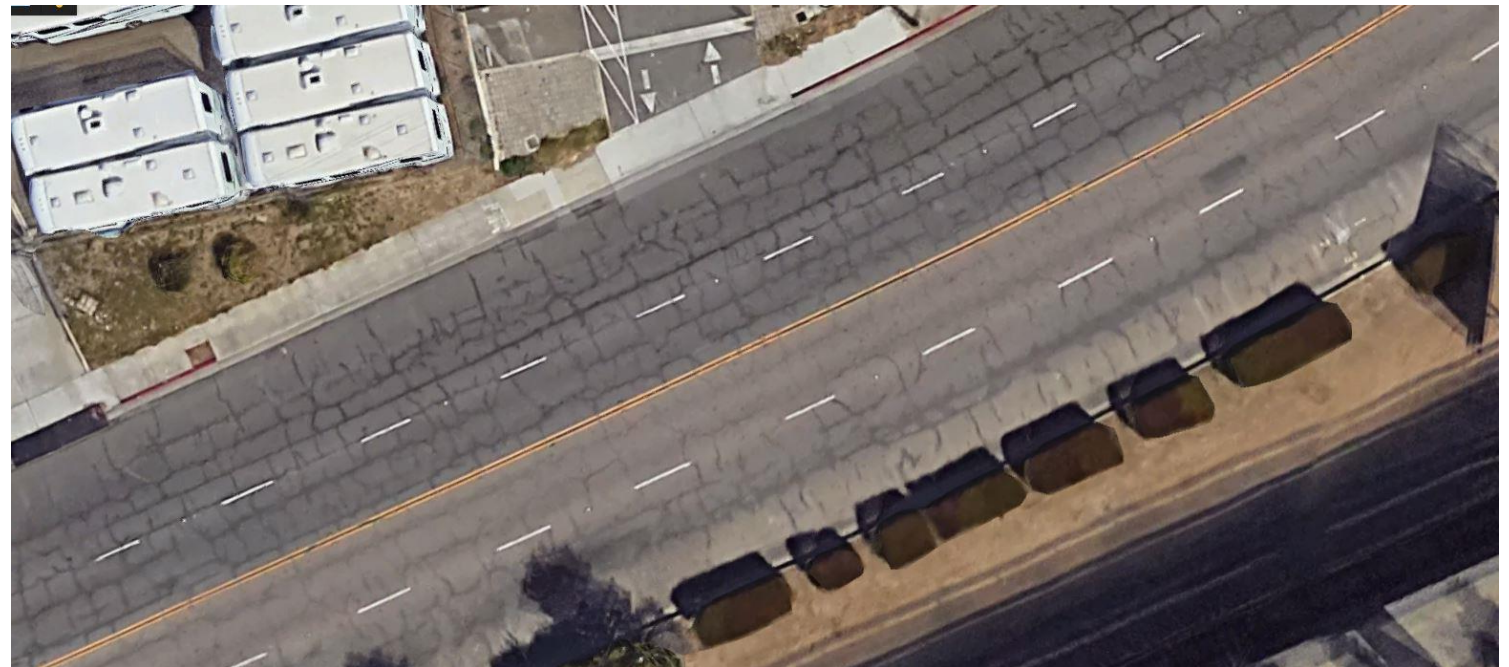
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## Goal:

- Add class 2 bike lanes as shown in Bike and Ped master plan

## Options:

- Widen road  
**Cost prohibitive**
- Remove Parking  
**Negative impact on businesses**
- Road Diet (reduce travel lanes)  
**Proposed solution**



# Road Diet

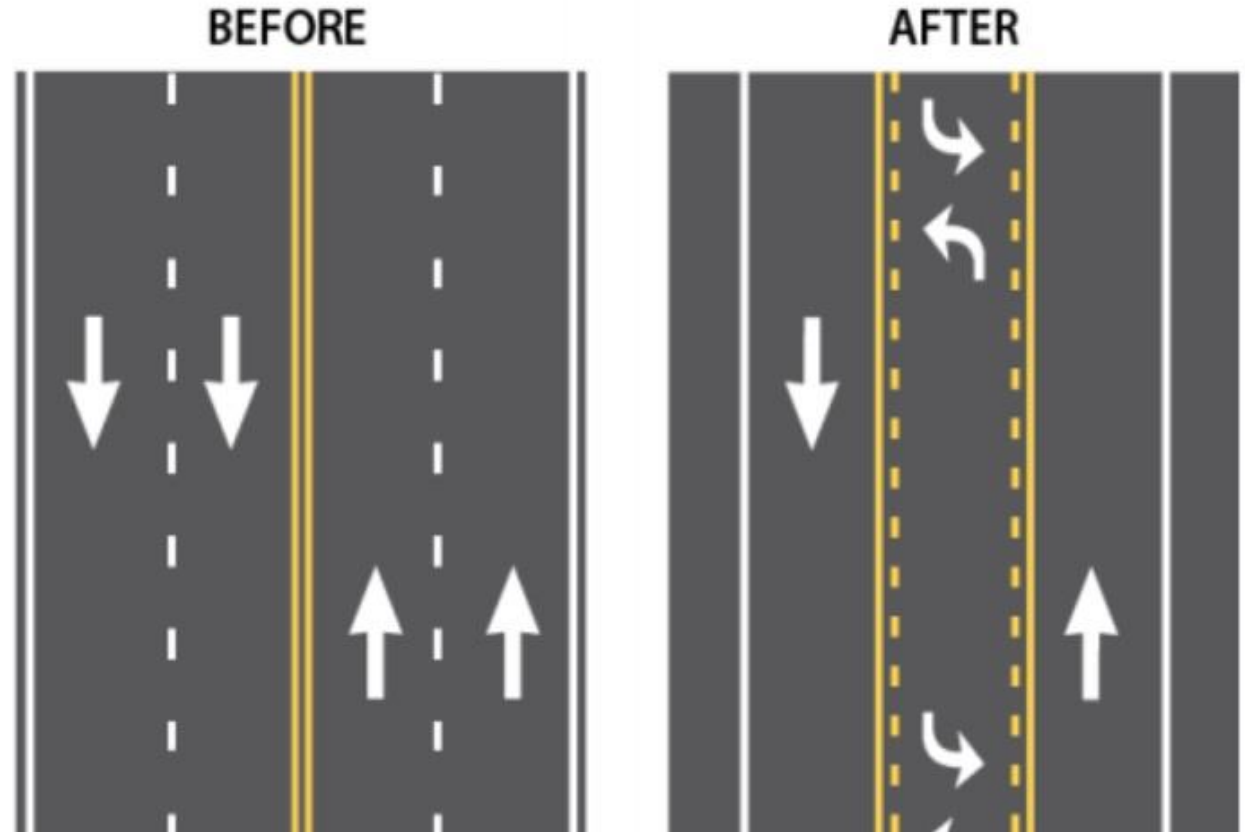
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## Before – Four lane road:

- Minimizes vehicle delay.

## After – Two lane road with double left turn lane:

- Improves safety for vehicles traveling on main road that want to turn left.
- Improves safety for vehicles that want to turn left onto main road
- Improves safety for bicycles.
- Improves pedestrian crossing safety.



Parking Lanes not shown



# Road Diet

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Successfully implemented on Floresta,  
west of Fremont



Before



After

# San Leandro Blvd Road Diet

Heaviest traffic North of Lillie is AM NB at 1000 vph, 10% turn at Best Ave.

Heaviest traffic South of Lillie is PM SB at 920 vph.

Signals require additional lanes to move traffic.

Comparison: East 14<sup>th</sup> St north of Georgia is a two lane road with double left turn lane.  
Heaviest traffic is xxxxxx.



# Best Ave / San Leandro Blvd

## Current Situation:

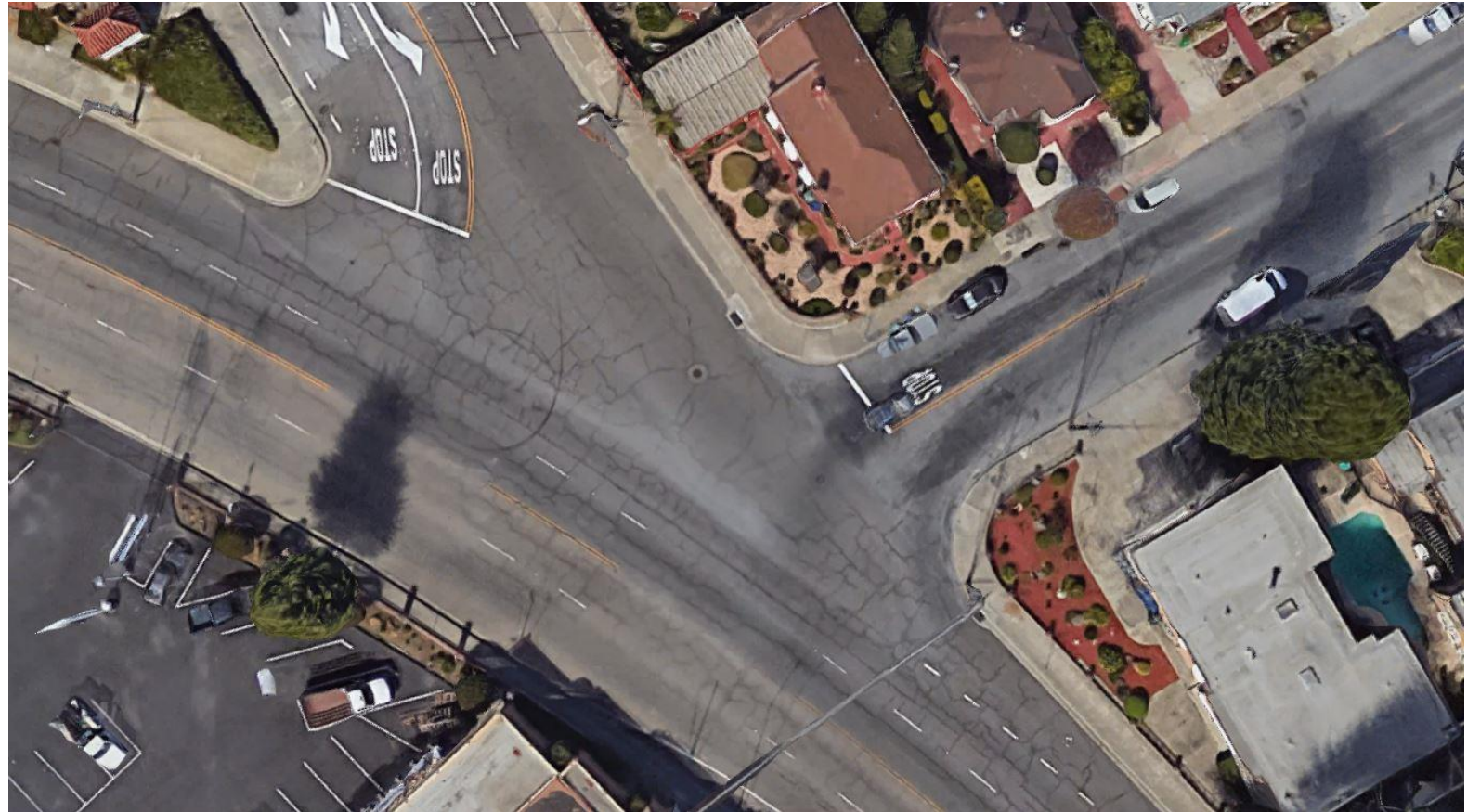
- High accident rate – 5<sup>th</sup> highest in the City.
- Residents of Best have asked for safety improvements.

## Goal:

- Reduce accidents / Improve safety.

## Options:

- Half Round About
  - Awkward Geometry
- Signal
  - Reduces capacity of SLB
- Channelization via Striping
  - Proposed solution





# Best Ave / San Leandro Blvd

Accommodates bikes better than a round about

Maintains capacity of San Leandro Blvd

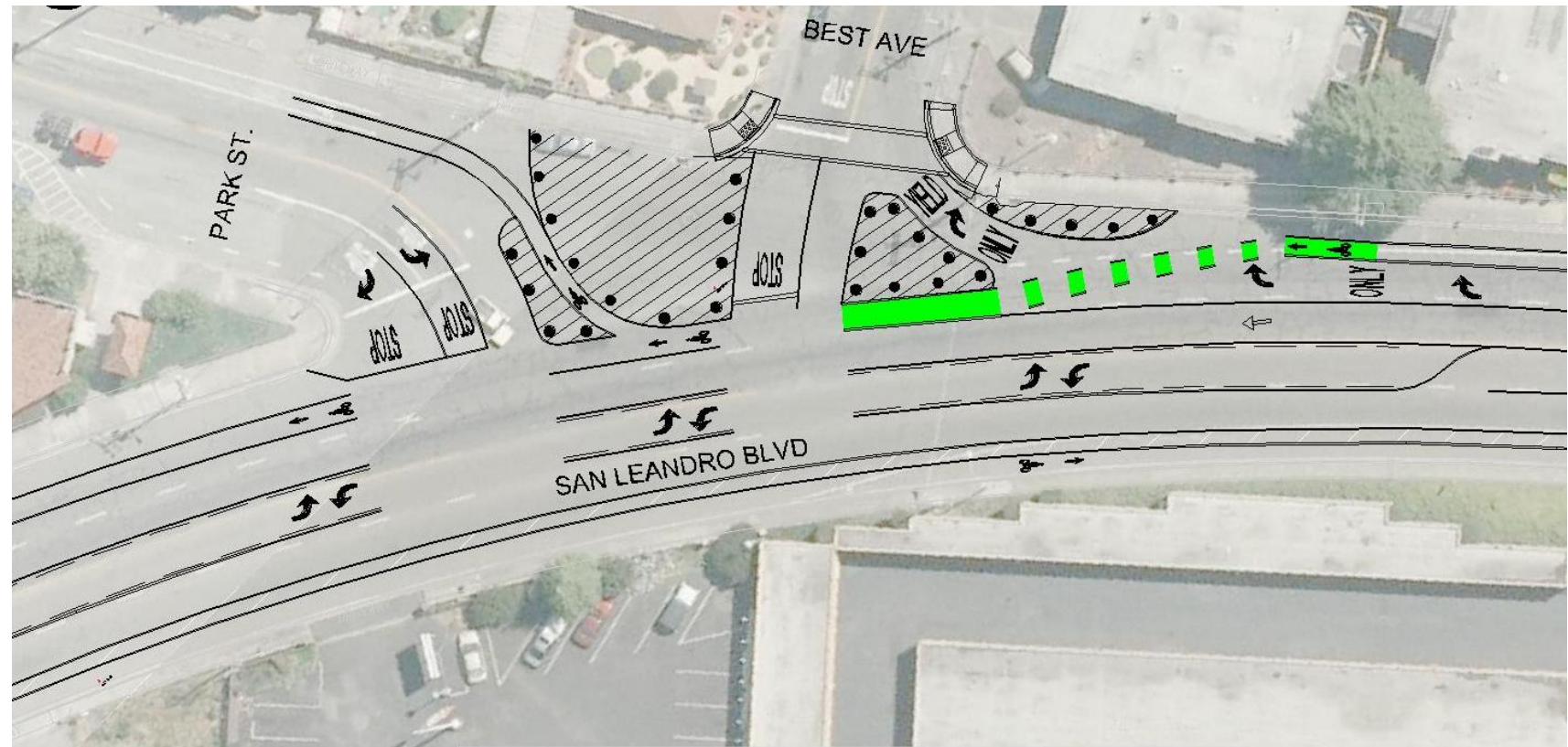
Slows traffic entering Park St

Monitor the intersection and evaluate performance

Easy to modify or adjust

Lowest cost alternative

Public Outreach needed





# Questions

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