



SAN MATEO COUNTY

**Transportation
Authority**

Measure A Pedestrian & Bicycle Program Update

April 4, 2019

Board of Directors
Agenda Item #10 (b)



Overview

- **Program background**
- **Program allocations & delivery status**
- **Feature Project: California Drive Roundabout (Burlingame)**



Program Background

- **3% of Measure A Program**
- **Purpose: to fund capital projects that encourage and improve walking and bicycling conditions**
- **2004 Transportation Expenditure Plan includes a list of bikeways and overcrossings but other projects can be considered**
- **Funding awarded on a discretionary Call for Projects process**



Project Allocations

| Cycle | Award Date | Award Amount | Number of Projects |
|-----------------------|------------|----------------|--------------------|
| Special Circumstances | 2010/2011 | \$0.7M | 2 |
| First | July 2011 | \$4.5M | 16 |
| Second | April 2014 | \$5.9M | 11 |
| Third | March 2016 | \$5.0M | 10 |
| Fourth | March 2018 | \$5.7M | 10 |
| TOTAL | | \$21.8M | 49 |



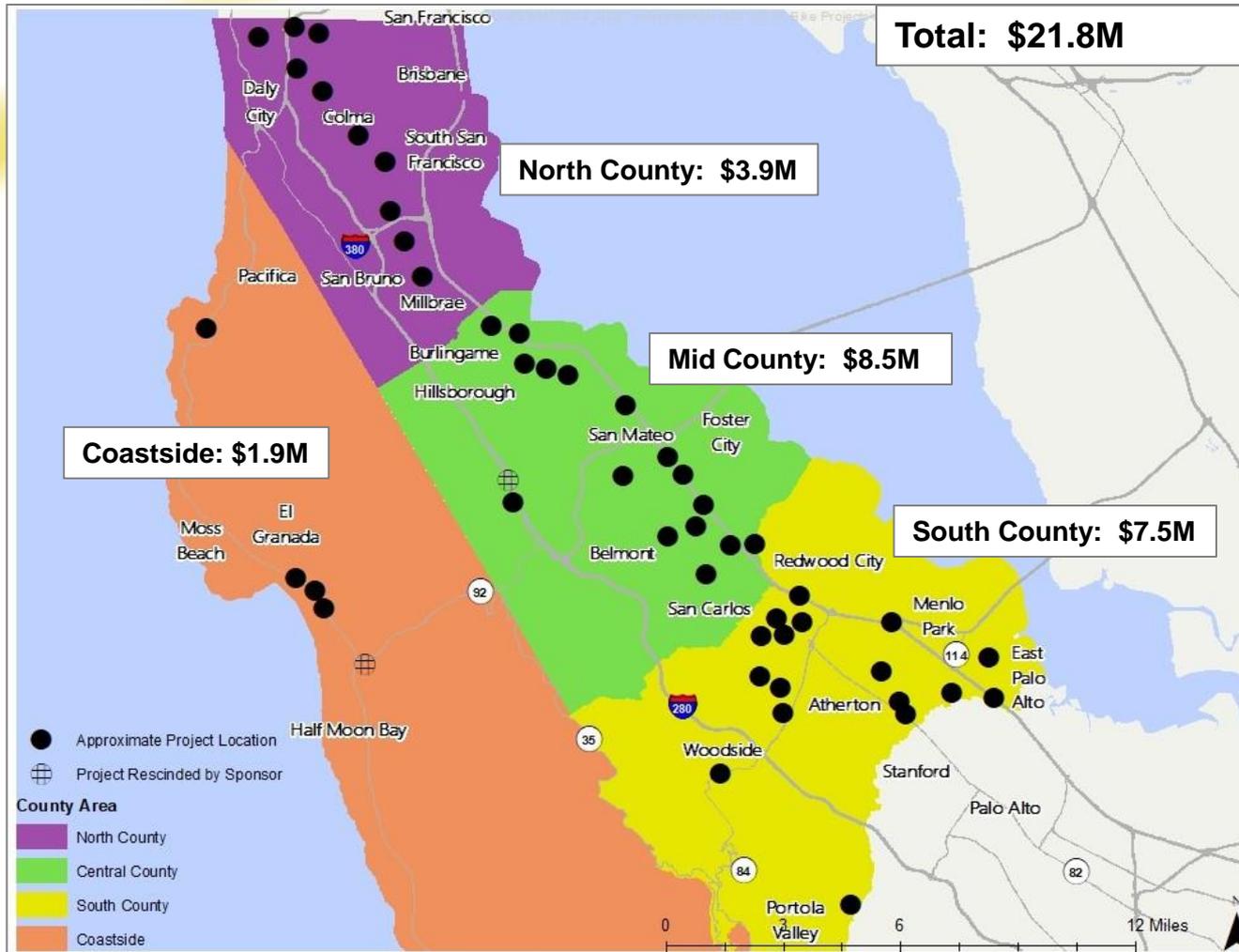
Program Delivery Status

| Project Status | Number of Projects |
|--|--------------------|
| Planning/Preliminary Engineering/ Environmental | 3 |
| Final Design | 14 |
| Construction | 6 |
| Awarded project scopes complete | 24 |
| Sponsor rescinded projects | 2 |
| TOTAL | 49 |

- Sponsors submit quarterly progress reports on project status.
- To date, 12 awarded projects needed time extensions.



Distribution of Project Awards



| County Sub-area | Funding Awards |
|-----------------|----------------|
| North County | 10 |
| Mid County | 17 |
| South County | 17 |
| Coastsides | 5 |
| Total | 49 |

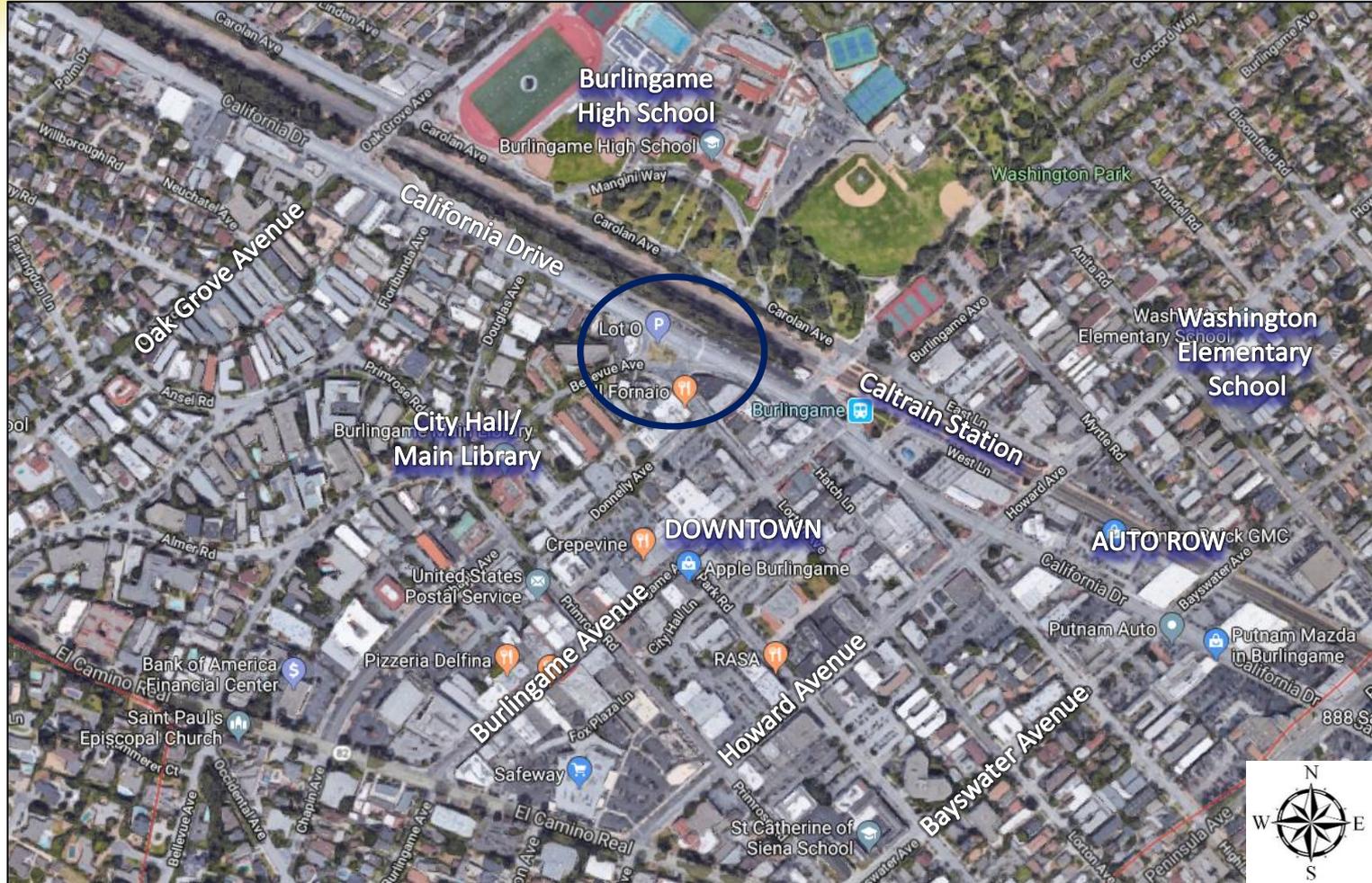


California Drive Roundabout Overview

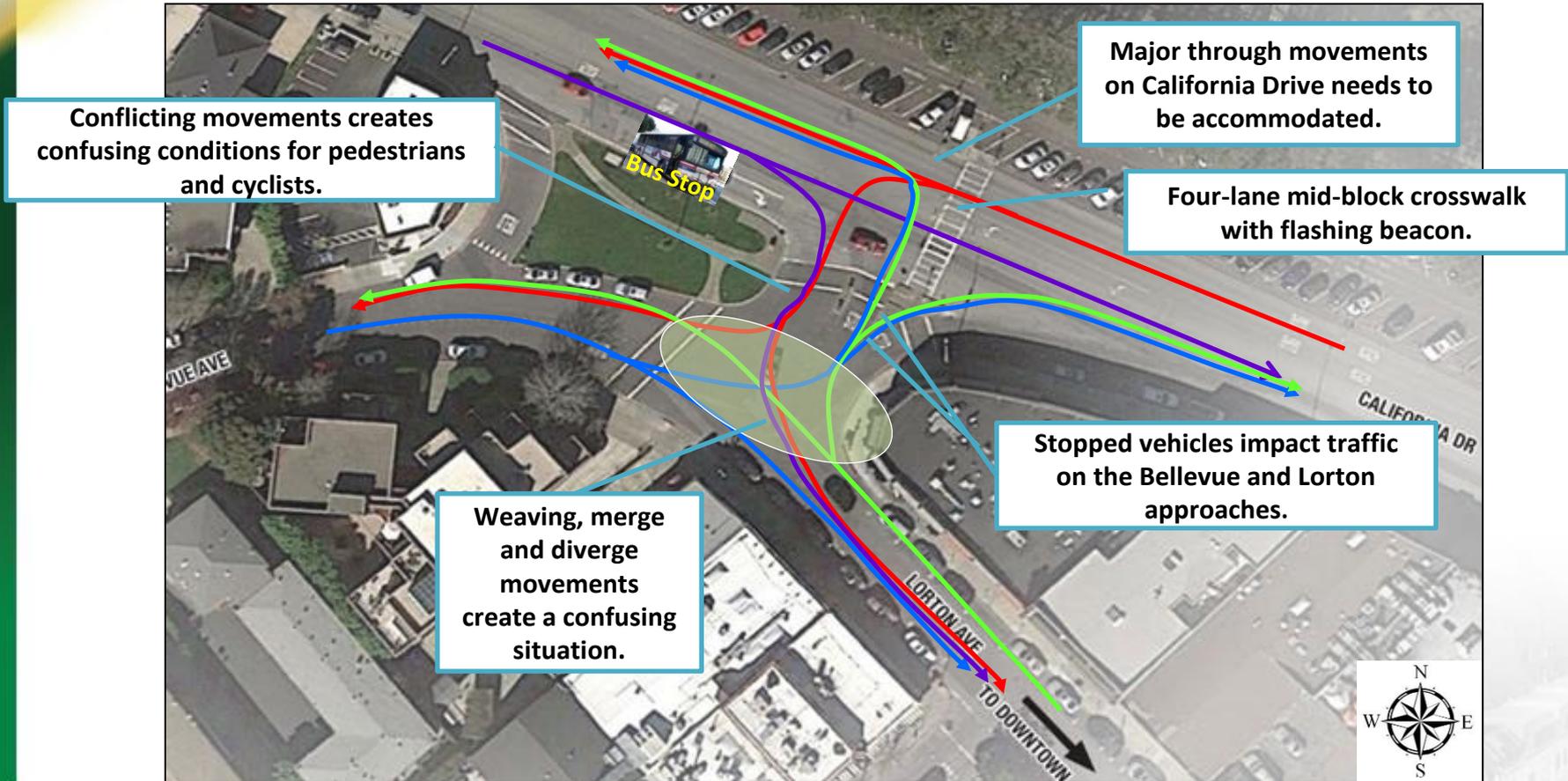
- **Existing Conditions**
- **Project Goals**
- **Funding**
- **Schedule**
- **Construction Staging**
- **Challenges**
- **Lessons Learned**



Project Location



Existing Conditions





Project Goals

Improve the California Drive, Bellevue Avenue and Lorton Avenue intersection by:

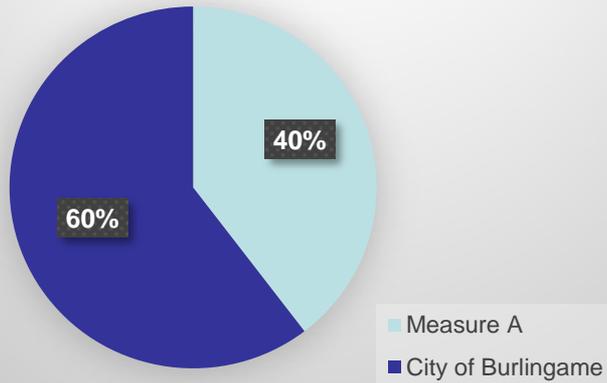
- **Improving safety and flow of all modes (pedestrians, bicyclists, and vehicles)**
- **Incorporating Green Streets and Complete Streets components**
- **Enhancing bicycle and pedestrian access**
- **Minimizing construction and parking impacts**



Project Funding



Project Funding - Design (Design Contract: \$293 K)



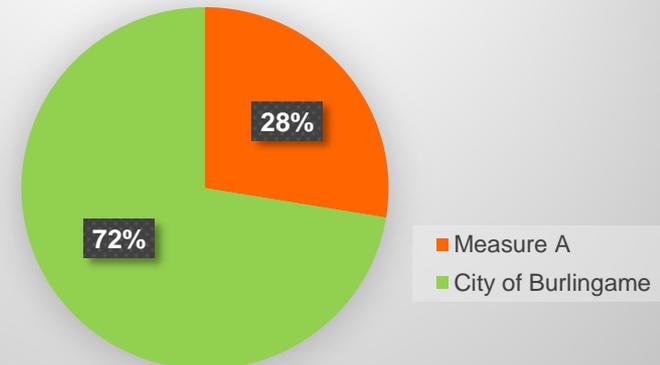
2015: Burlingame received \$1.0M Measure A Ped/Bike Program allocation, matched with \$200k of City funds.

Total original project budget: \$1.2M.
Total project cost upon completion in 2019: \$4.3M.

Rationale for added costs:

- Added design elements from project outreach & increase in construction costs - \$2.9M
- Construction admin. & management - \$900K
- Upgrade of utilities/facilities in roundabout vicinity - \$500K

Project Funding - Construction (Construction Contract: \$2.9 MIL)





Conceptual Design





Project Schedule

DESIGN PHASE

October
2015

- 1st public outreach meeting

May
2016

- 2nd public outreach meeting

October
2016

- 3rd public outreach meeting
- City Council

January
2017

- Design Process

Jan/Feb
2018

- Advertise project for construction bids

May 2018

- Begin Construction



Project Schedule

CONSTRUCTION PHASE

May 2018

- Begin Construction
- Stage 1
- Approx. 4 month duration

September 2018

- Stage 2
- Approx. 1 month duration

October 2018

- Stage 3
- Approx. 3 month duration
- Major work suspended between Holidays

January 2019

- Completing Stage 3
- Landscaping, electrical, lighting

Feb 2019

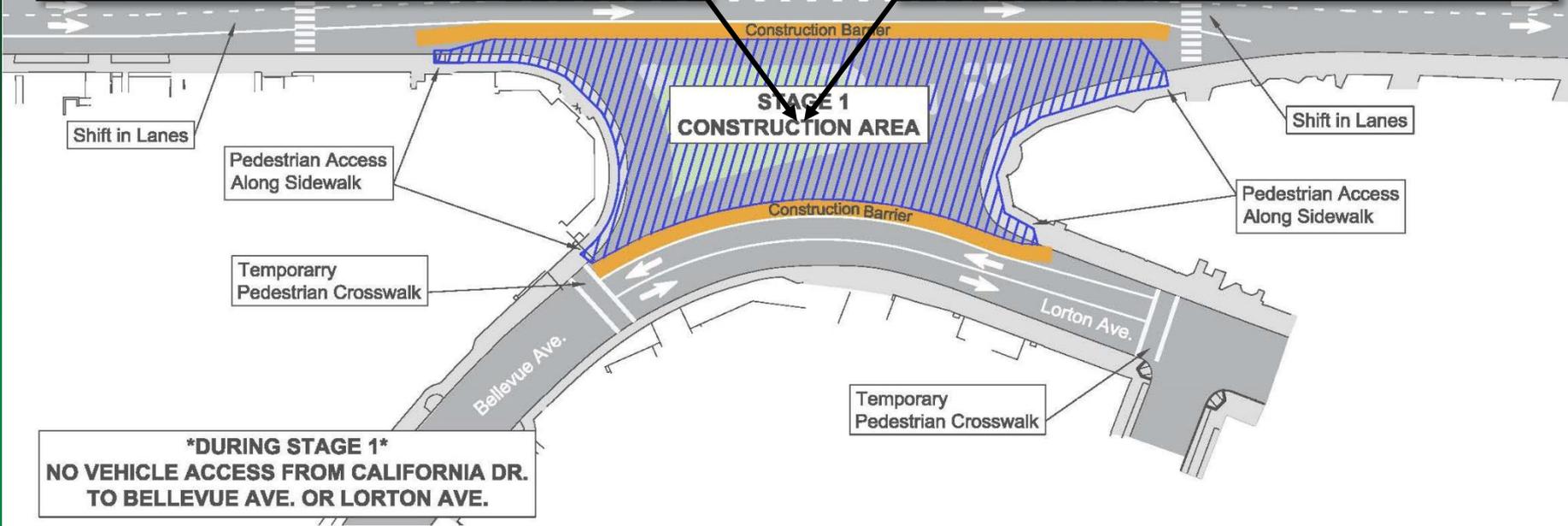
- Stage 4
- Postponed due to rain and freezing temperatures

March 2019

- Stage 4
- Temperatures above 50 degrees



Construction Stage 1



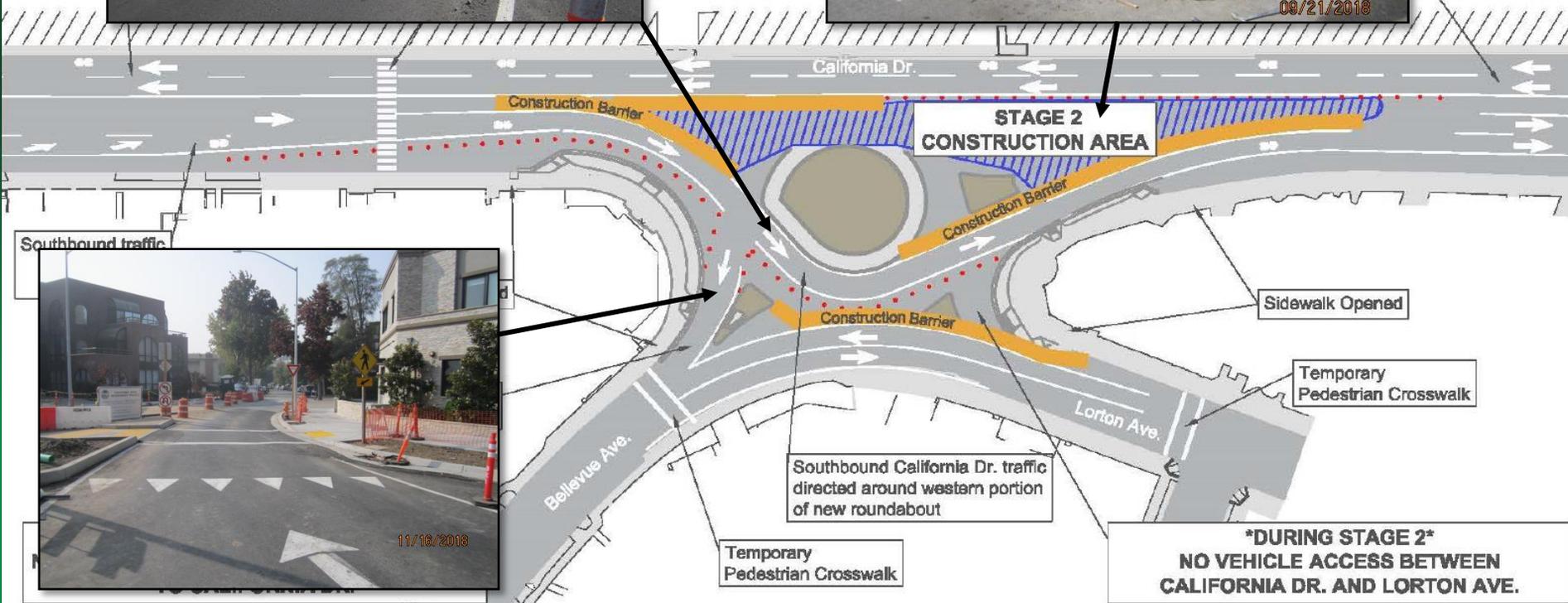


Construction Stage 2



Roundabout
Construction Area
NOVEMBER 2018

Shift in Lane



Southbound traffic



***DURING STAGE 2*
NO VEHICLE ACCESS BETWEEN
CALIFORNIA DR. AND LORTON AVE.**



Construction Stage 3



California Dr. traffic new roundabout

California Drive Roundabout Stage 3 Construction Area

LATE SEPTEMBER - LATE DECEMBER 2018

Northbound traffic transitions to one lane

STAGE 3 CONSTRUCTION AREA

California Dr.

California Dr.

Temporary Pedestrian Crosswalk

Temporary Pedestrian Walkway

Sidewalk Opened

Temporary Pedestrian Crosswalk

STAGE 3 CONSTRUCTION AREA

Lorton Ave.

Temporary Pedestrian Crosswalk

DURING STAGE 2
NO VEHICLE ACCESS BETWEEN LORTON AVE. AND CALIFORNIA DR. OR BELLEVUE AVE.



TO CALIFORNIA DR. OR LORTON AVE.



Construction Photos





Completed Project Photos





Construction Challenges

- **Maintaining access on California Drive**
- **Impacts to adjacent businesses**
- **Educating community during construction, especially when portions of the new alignment opened up in different stages**
- **Weather, as final stage was anticipated during winter**
- **Utility improvements**



Lessons Learned/Closing Thoughts

- **Conform roadway grades**
- **Existing Utilities**
- **Construction Manager/Outreach**
- **Constant Communication/Notification**



Roundabout Informational Video

[Click to start video](#)





Questions/Comments

