



Hollenbeck Avenue Bike Lane Study

BPAC Meeting
September 19, 2024



Project Information

Project Webpage

1. Scan QR code to visit the project webpage or go to: sunnyvale.ca.gov and search for “Transportation Projects”



2. Open “Hollenbeck Bike Lane Study”
3. For future updates “Subscribe to stay informed”

Contact



Sunnyvale

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Agenda

- Purpose of Today's Meeting
- Background
- Project Description
- Study Process
- Discussion



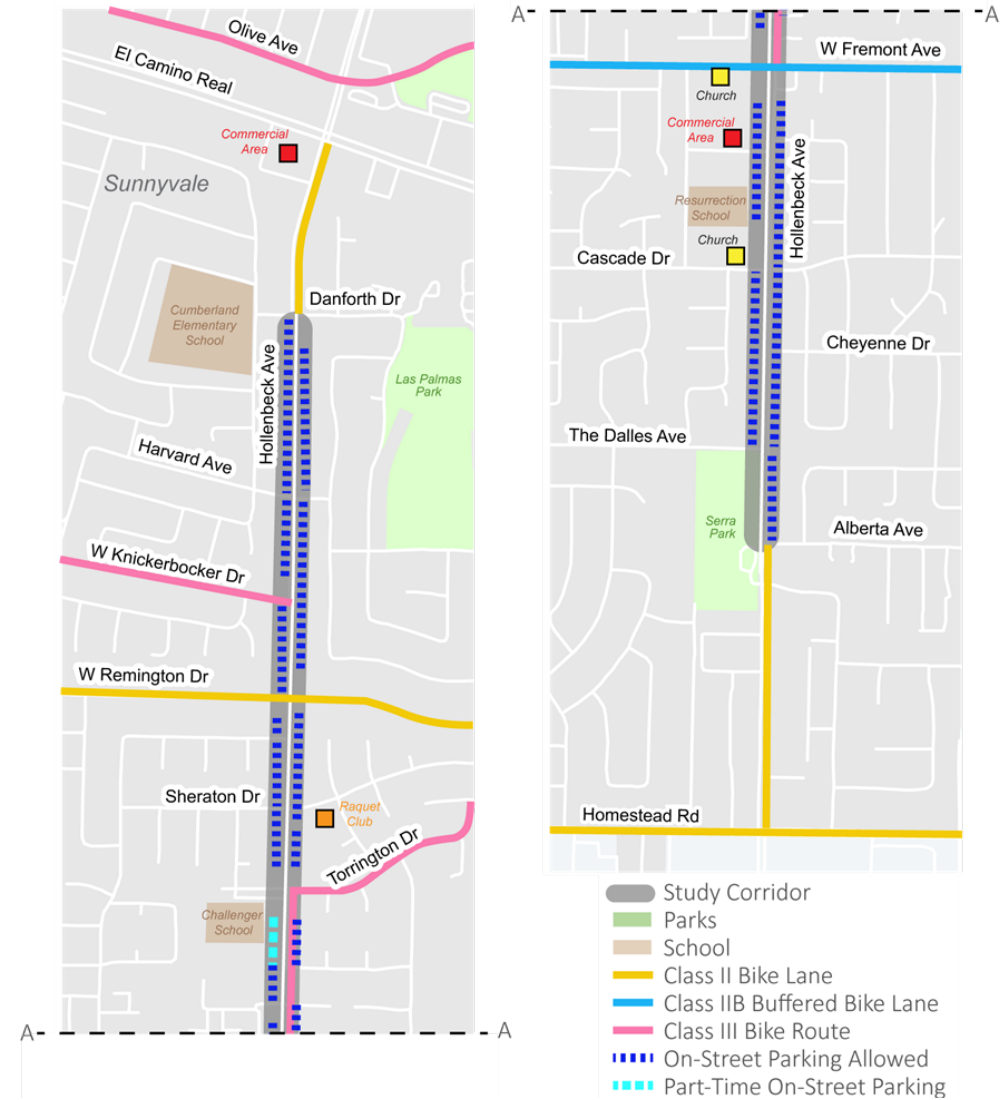
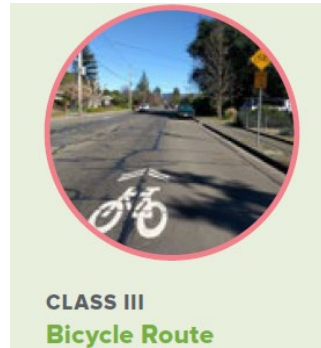
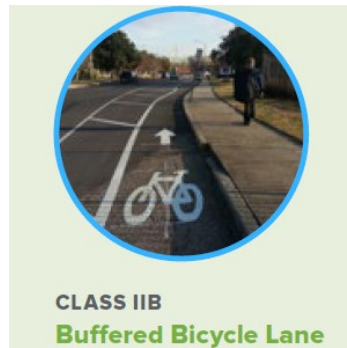
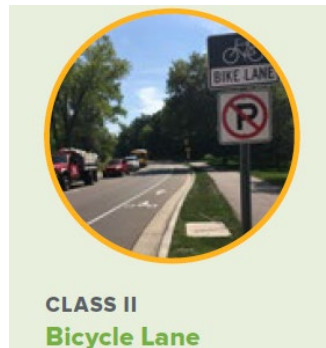
Purpose of Today's Meeting

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- Share project overview
- Receive input on:
 - ◆ Bicycle safety concerns
 - ◆ Parking concerns
 - ◆ Data collection
 - ◆ Other concerns observed along the corridor

Project Overview

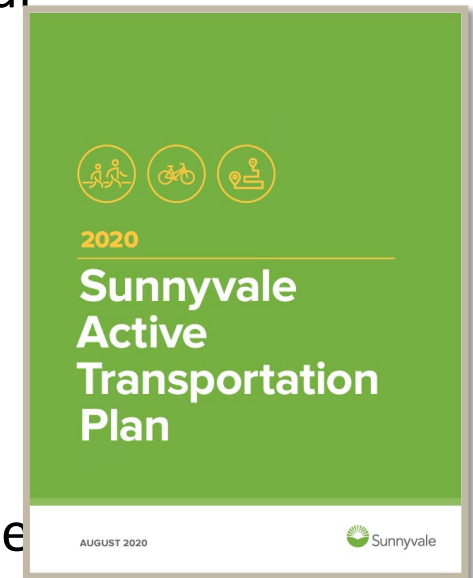
Evaluate the potential of implementing bike lanes along Hollenbeck Ave between Alberta Ave. and Danforth Dr.



Background

Background

- Active Transportation Plan adopted August 2020
 - ◆ Identifies a bike lane between Alberta Ave. and The Dalles Ave.
 - ◆ Identifies crossing/traffic control/ped improvements at several locations
- Bicycle and Pedestrian Advisory Commission (BPAC)
 - ◆ Sponsored the Study Issue DPW 21-01
- City-Council Approval
 - ◆ At the 2023 Study Issue Workshop, Council ranked the Study Issue #3 and later allocated funding to conduct the Study Issue during the 2023/2024 fiscal year





Project Description

Overview of Typical Existing Conditions

- Hollenbeck Ave. is a *Residential Collector Street*
- 40-foot curb-to-curb width
- One travel lane in each direction
- On-street parking is allowed on both sides of the street



Overview of Existing Conditions

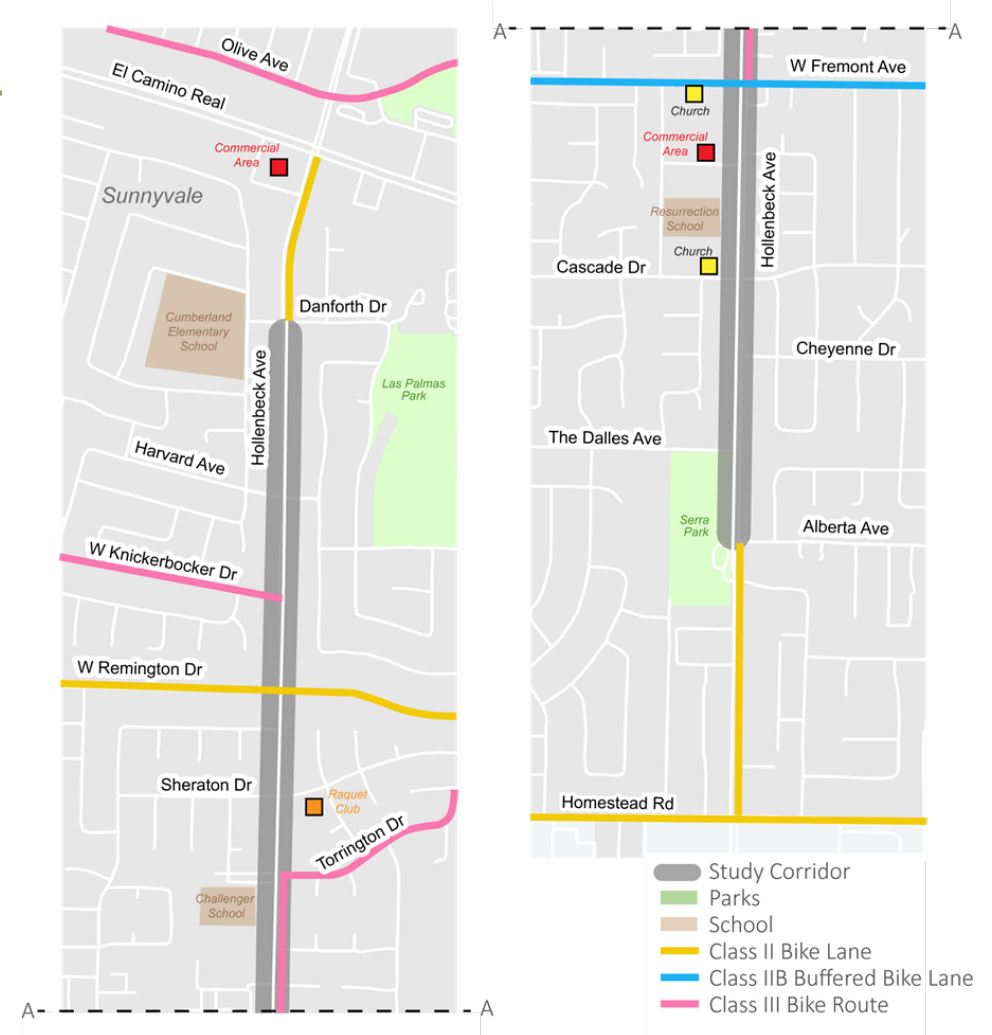
- Existing bike facilities on Hollenbeck Ave.
 - ◆ *Class II Bike Lane* north of Danforth Dr. and south of Alberta Ave.
 - ◆ *Class III Bike Route* between Fremont Ave. and Torrington Dr.



Existing Class II Bike Lane on Danforth Dr.



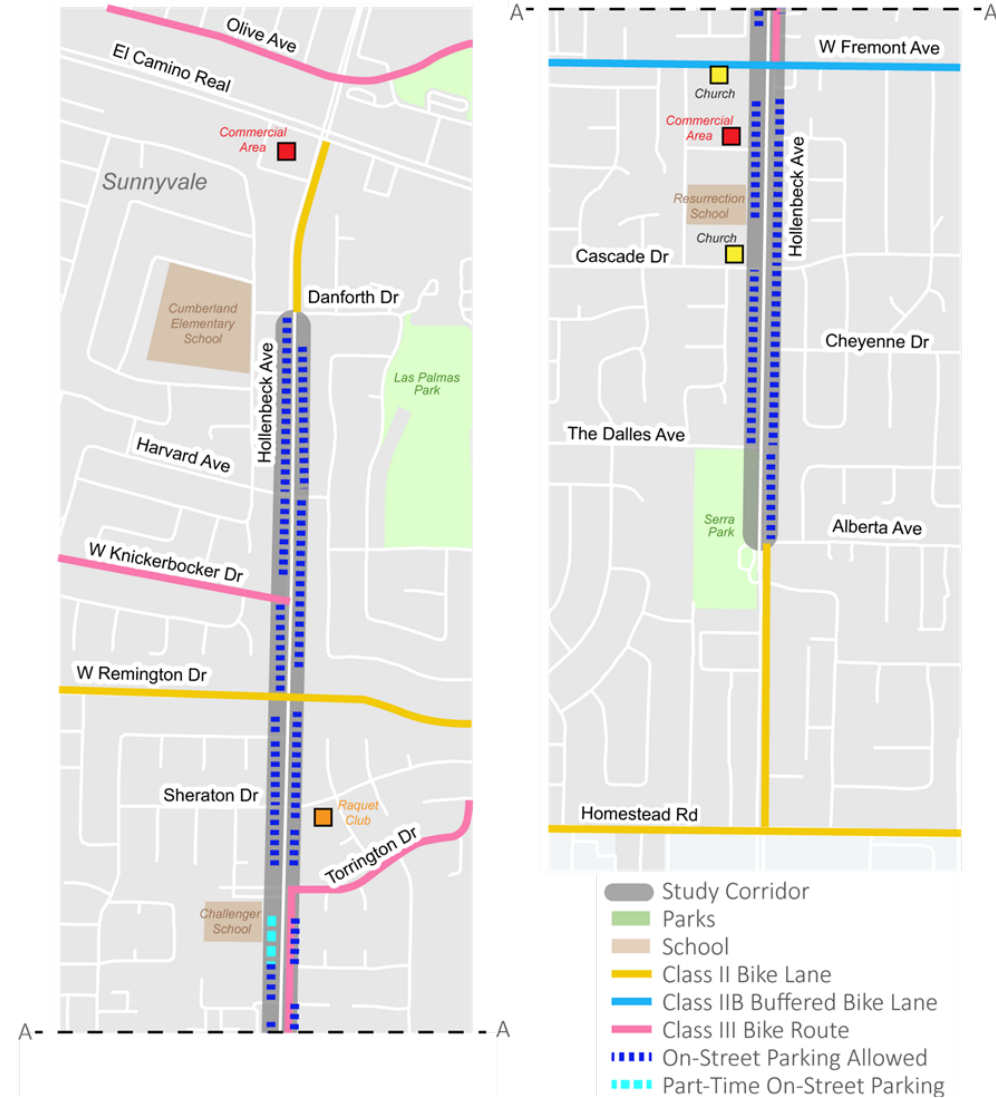
Existing Class IIB Buffered Bike Lane on Sunnyvale Ave.



Source: Sunnyvale Active Transportation Plan, 2020

Overview of Existing Conditions

- Existing Uses along corridor:
 - ◆ Single-family homes
 - ◆ 2 private schools (+1 public school within 500 feet)
 - ◆ 2 churches
 - ◆ 1 park (Serra Park)
 - ◆ Swim and Racquet club
 - ◆ Commercial uses
 - ◆ On-street parking



Collision Analysis

- 98 collisions in a 5-year period (2019 to 2023) between Homestead Rd. and El Camino Real
- No fatalities, 1 severe injury
- Collision Rate:
 - ◆ Hollenbeck – 2.35 crashes/MVM
 - ◆ Statewide Avg.* – 1.68 crashes/MVM

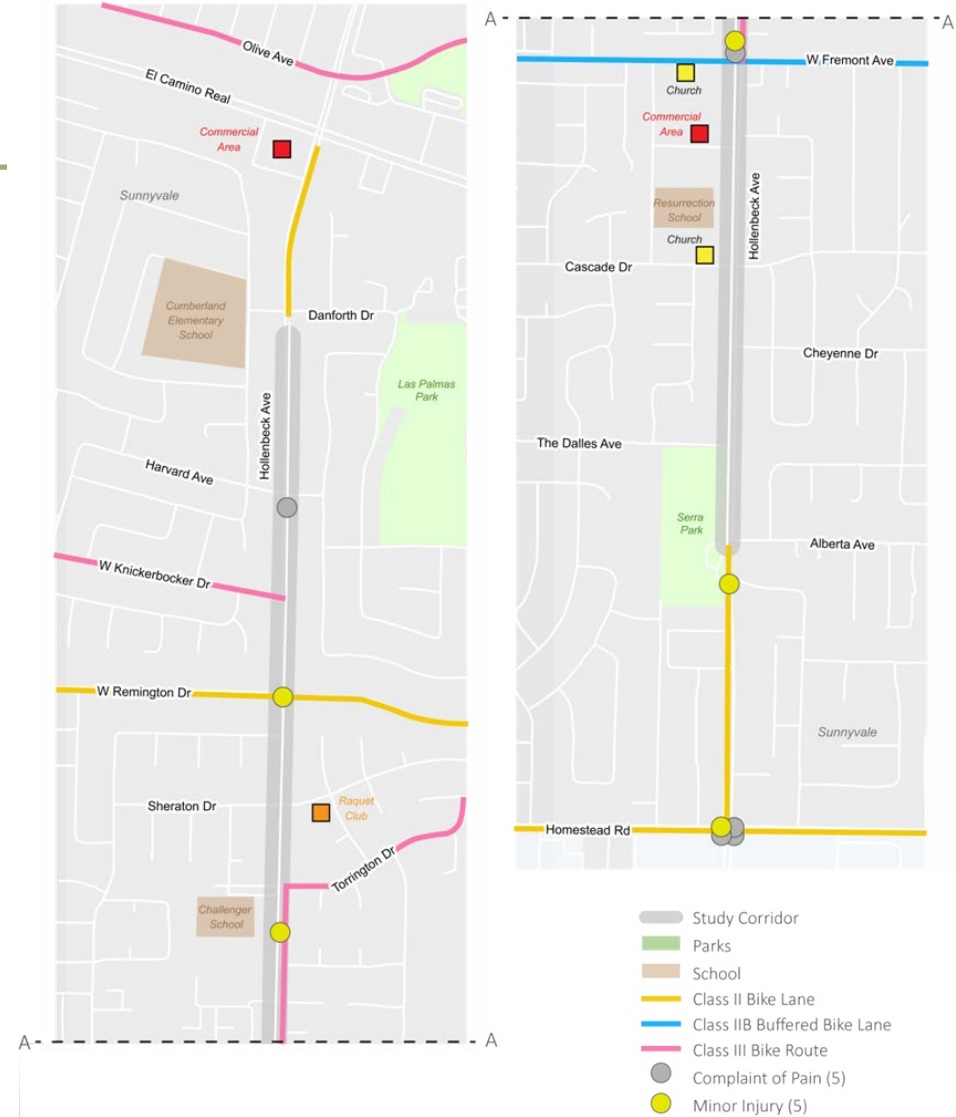
*2-lane suburban roadway with speed < 45mph

MVM: Million Vehicle Miles

Motor Vehicle Involved With	No. of Collisions (2019-2023)
Other Motor Vehicle	62
Pedestrian	5
Bicycle	10
Other (<i>Fixed object, parked vehicle etc.</i>)	21
Total	98

Bicycle Collision Analysis

- 5 collisions along study corridor
 - ◆ 2 collisions at intersection
 - Failure to yield right-of-way
 - ◆ 3 midblock collisions
 - Colliding with a parked vehicle (2)
 - Unsafe lane change (1)



Study Process

Overview of Study Scope

Data Collection and Analysis

- Field Survey (*Complete*)
- Collision Analysis (*Complete*)
- Vehicle Speed Data and Vehicle & Bike Counts over multiple days
- Parking Counts (Study corridor + side streets)

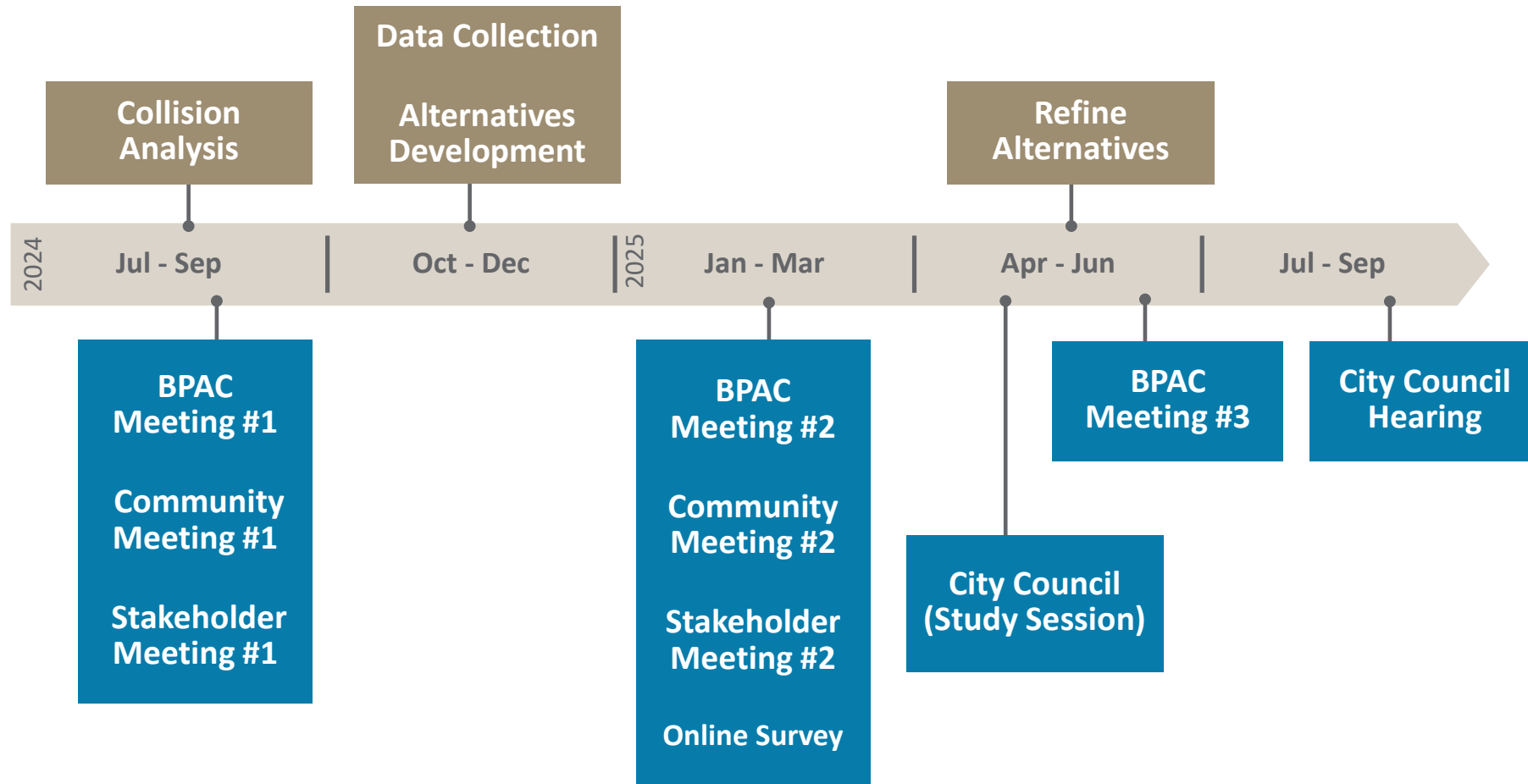
Alternatives Development

- Development of Alternatives and Cost Estimates

Public Outreach

- Community Meetings
- Online Survey
- Stakeholder Meetings
- BPAC
- City Council

Schedule



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Discussion

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- What issues have you seen?
- What concerns do you have?
- What else should we be aware of?
- What other data should we collect?
- What questions do you have?

