

Willie Stargell Ave Complete Street Corridor: Concept Plan

City Council

April 15, 2025

alamedaca.gov/stargell

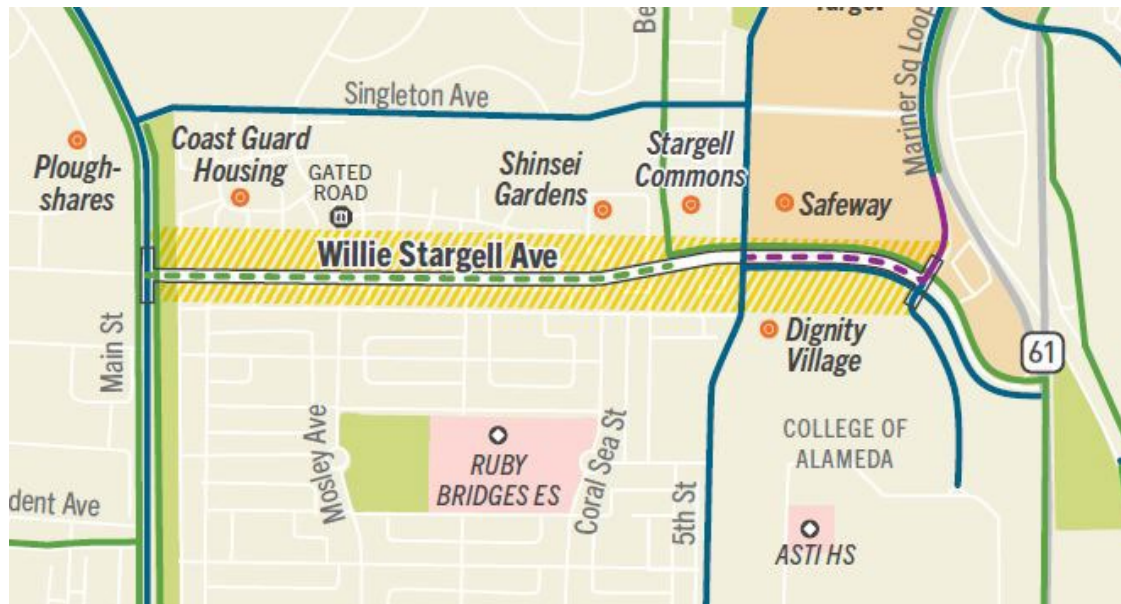


Background and Goals



Project Location

Stargell Ave
from Main St
to Mariner
Square Loop



Project Goals



Improve **safety** for all roadway users, including by slowing traffic



Improve safe routes to **schools**



Improve **transit** service for re-routed Line 19



Increase **walking and rolling** connectivity



Reduce **flooding**

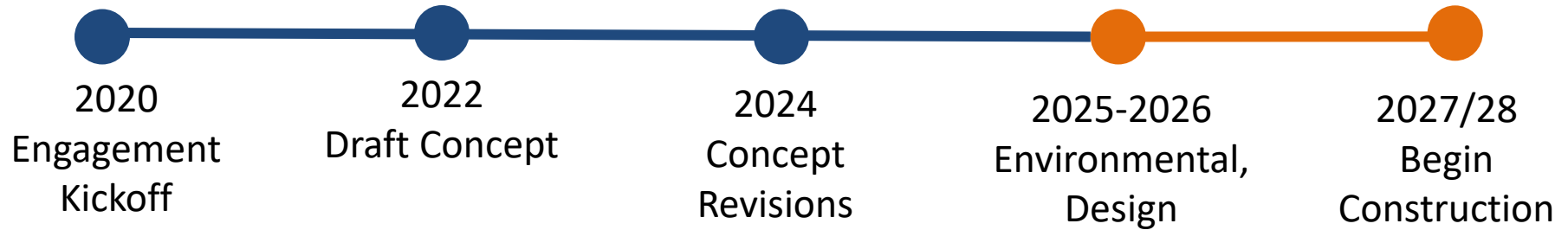


History and Existing Conditions

- Stargell originally planned as 4-lane road from Main to Webster
- Today:
 - Main to Fifth St is 2 lanes with City-owned vacant land on north side
 - Fifth to Webster is 4-6 lanes, with turn pockets



Project Timeline



Community Engagement



2

Community
Workshops



460

Online Survey
Responses



20

Stakeholder
Groups
Involved



5

Focus Meetings:
Affordable
Housing



Key Community Concerns

- **Excessive Speeding**
 - *“Harrowing because of speeding cars”*
- **Challenging Pedestrian Crossings**
 - *“Many speeders who just don’t stop for pedestrians and children coming home from school”*
- **Lack of Bike Facilities**
 - *“I don't feel safe riding a bike on the street.”*



Concept Plan Review



Corridor Concept Features



Traffic calming



Walking path and crosswalk safety enhancements



Bike path and separated bike lanes



New bus stops for the re-routed Line 19

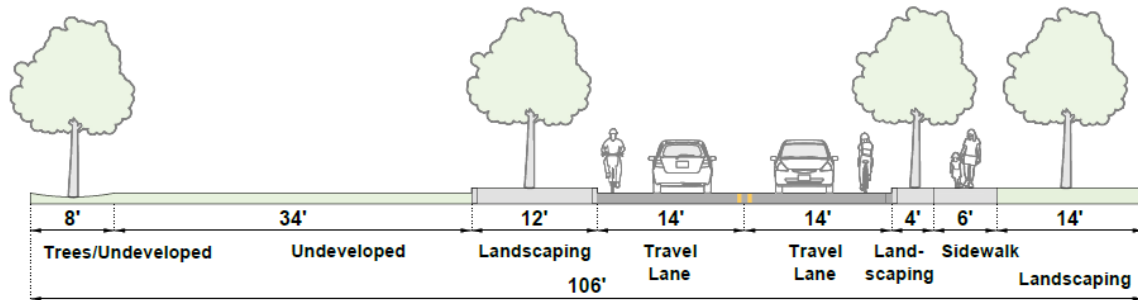


Two intersection roundabouts

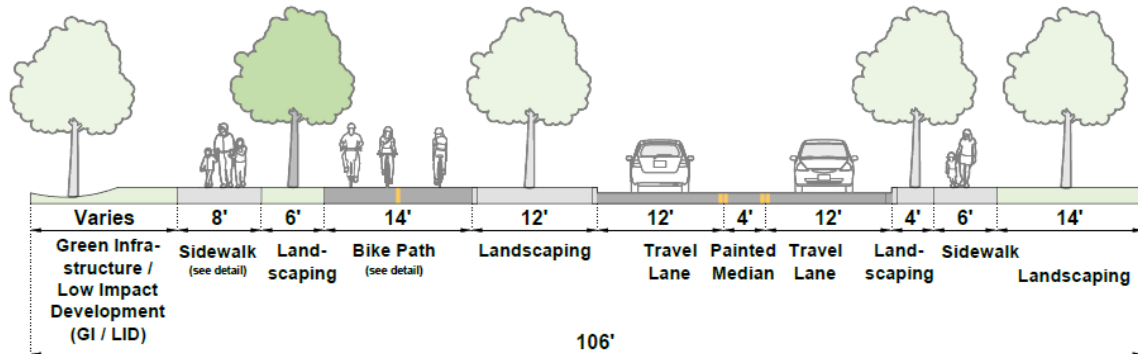


Concept Cross Section

Existing (Looking East)



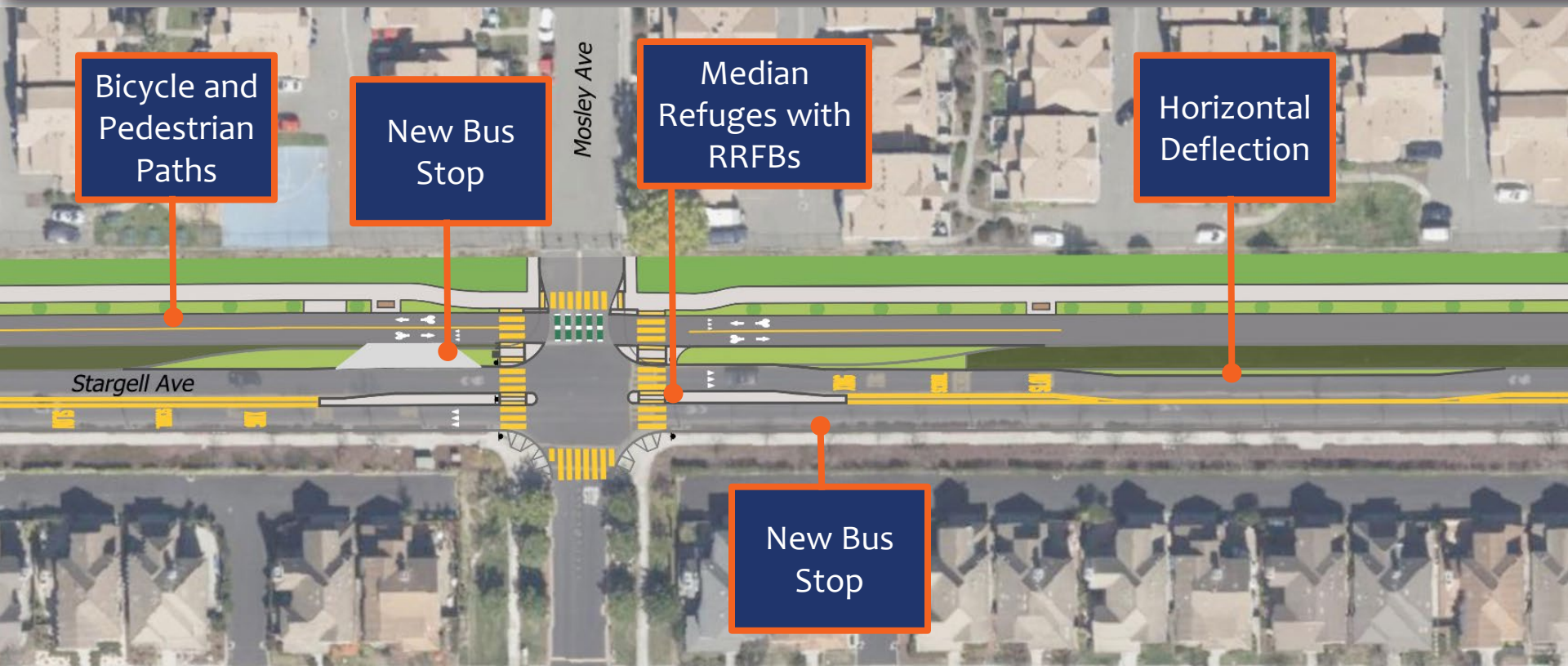
Proposed (Looking East)



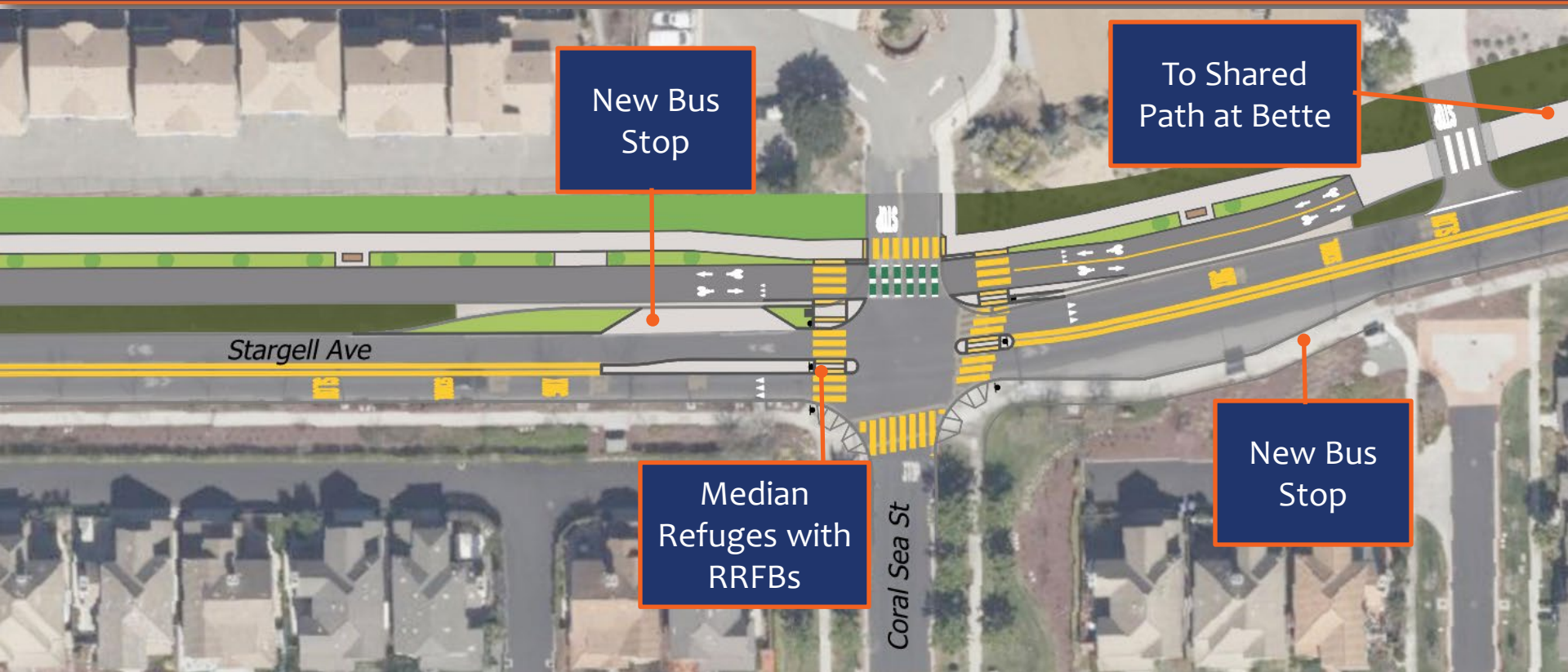
Draft Concept Plans: Main Street



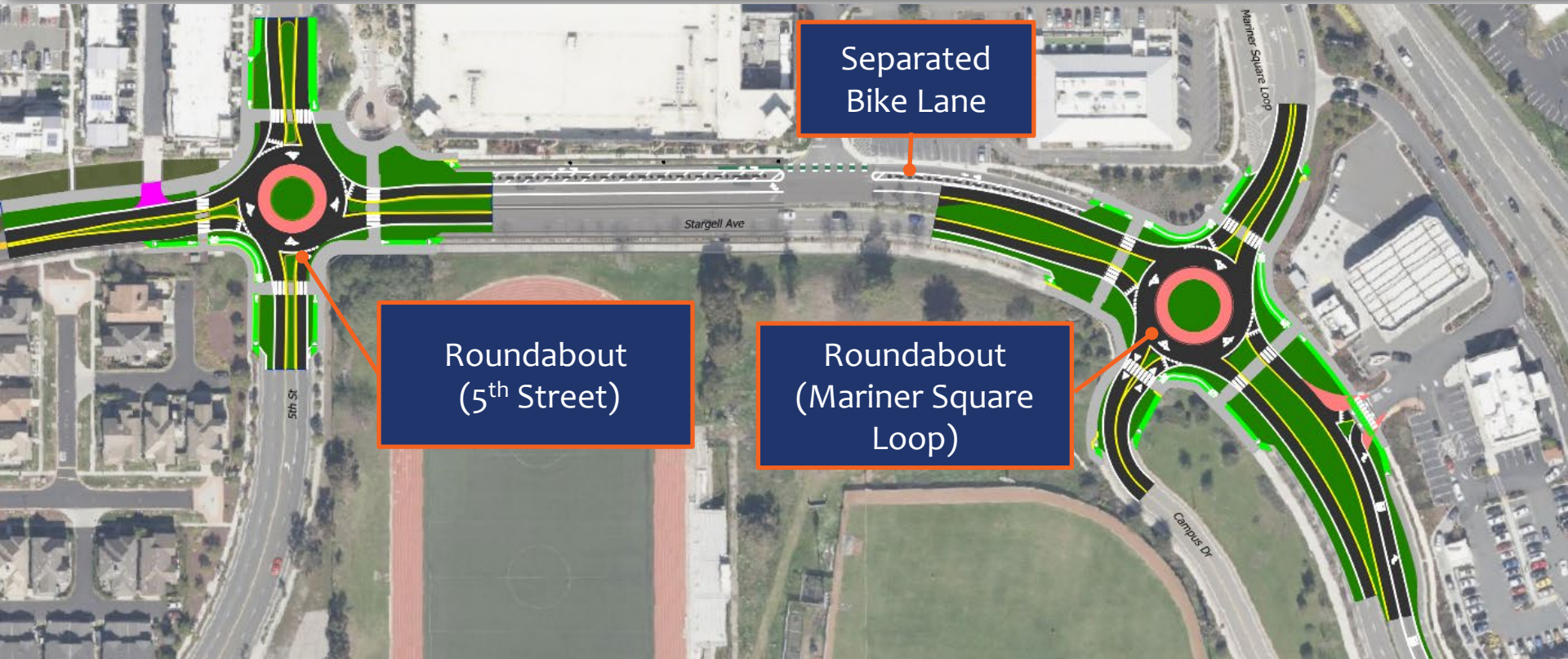
Draft Concept Plans: Mosley Avenue



Draft Concept Plans: Coral Sea Street



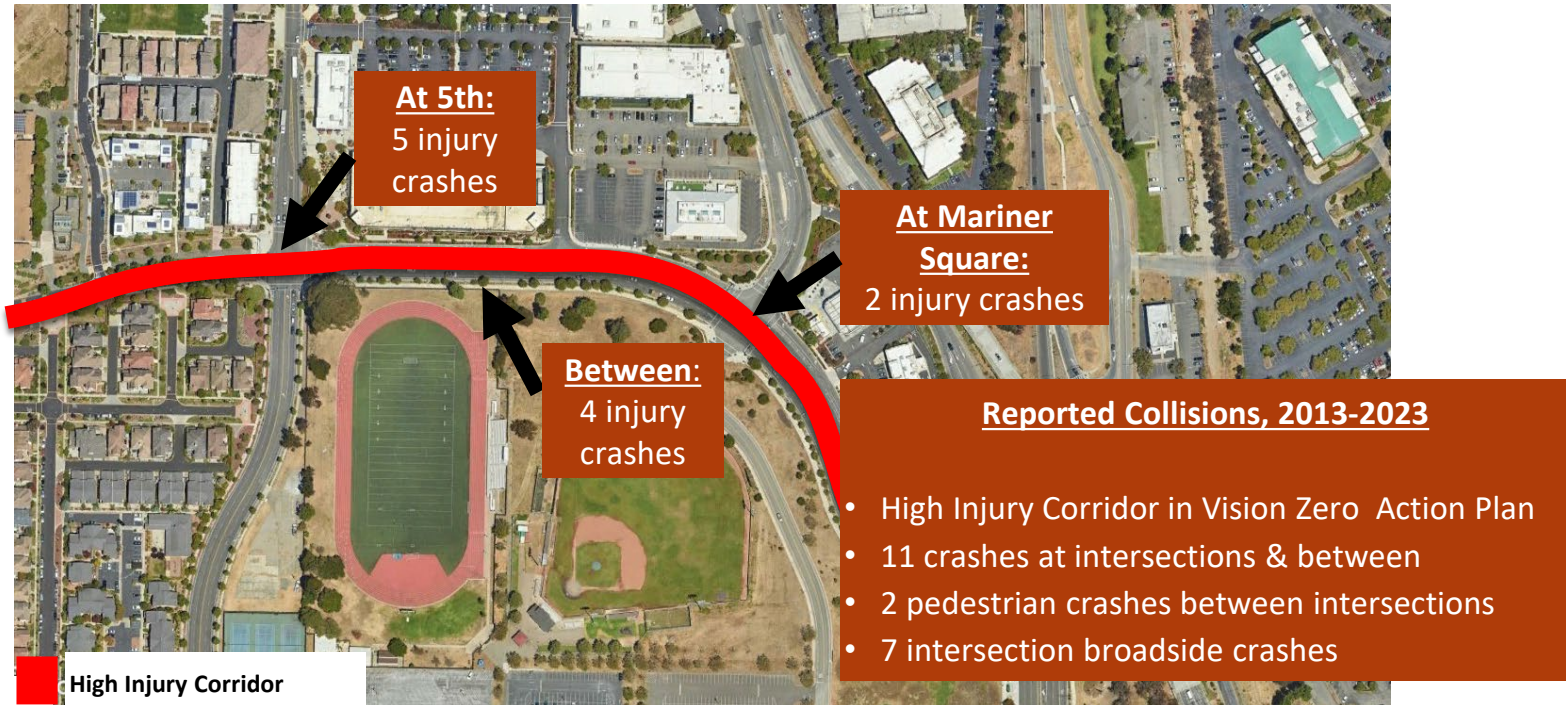
Draft Concept Plans: Mariner Square Loop to 5th Street



Roundabout Concepts



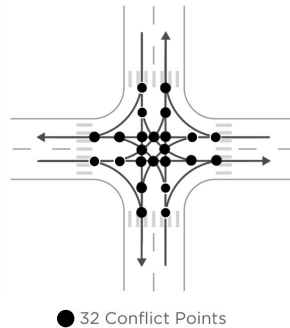
Intersection Crash History



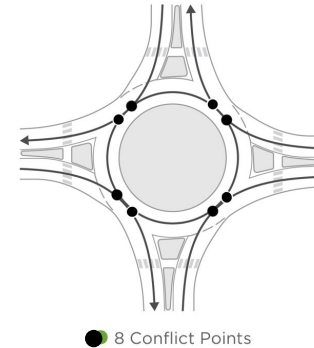
Why Build Roundabouts?

1. Proven Safety Treatment
2. More Resilient Infrastructure
3. Lower Life Cycle Costs
4. Reduced Congestion / Emissions
5. Landscaping / Green Infrastructure
6. Access Management

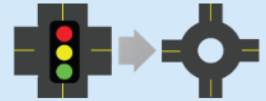
Typical Orthogonal Intersection



Roundabout



Signalized
Intersection to a
Roundabout



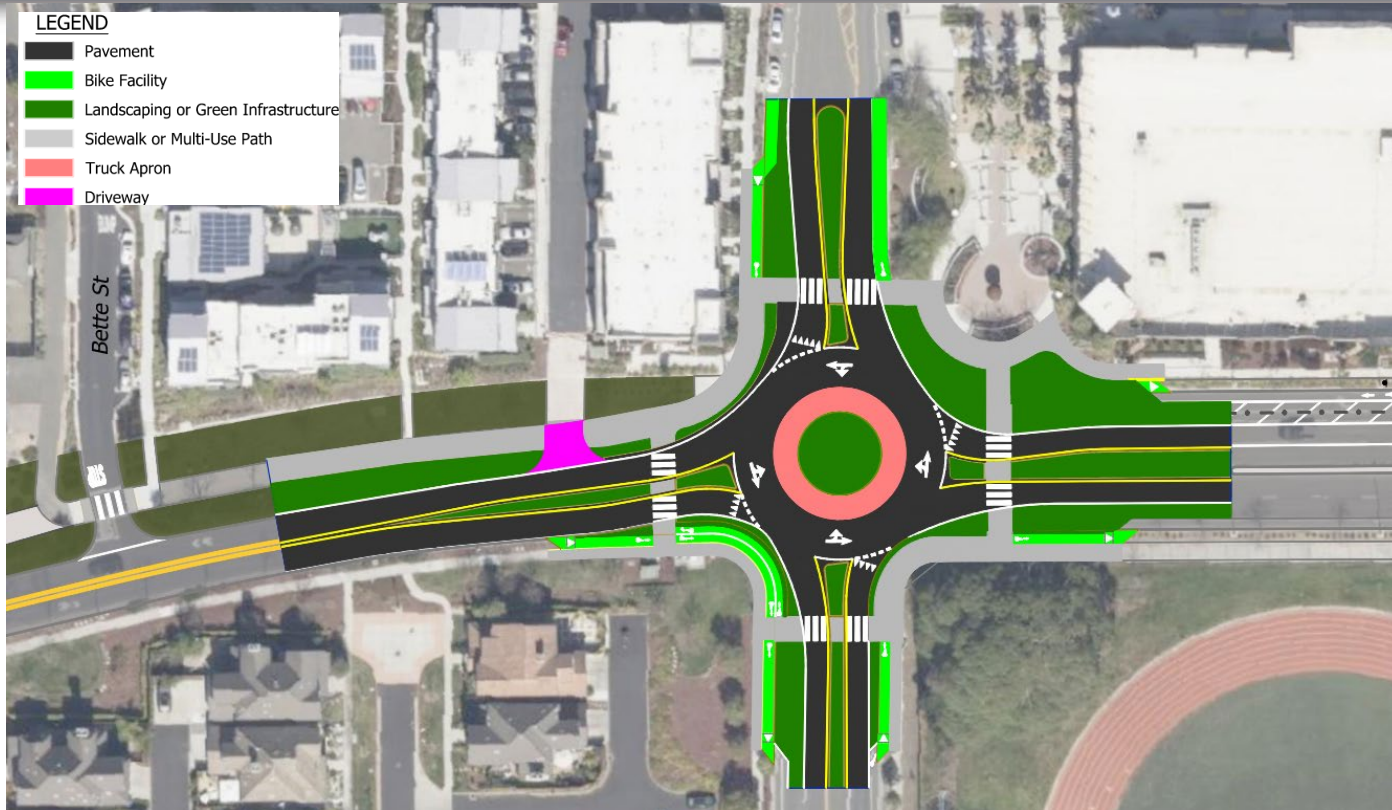
78%

Reduction in fatal and injury
crashes¹

Sources: Federal Highway Administration,
NCHRP Report 1043 – Guide for Roundabouts



Stargell/5th Street



Stargell/Mariner Square Loop



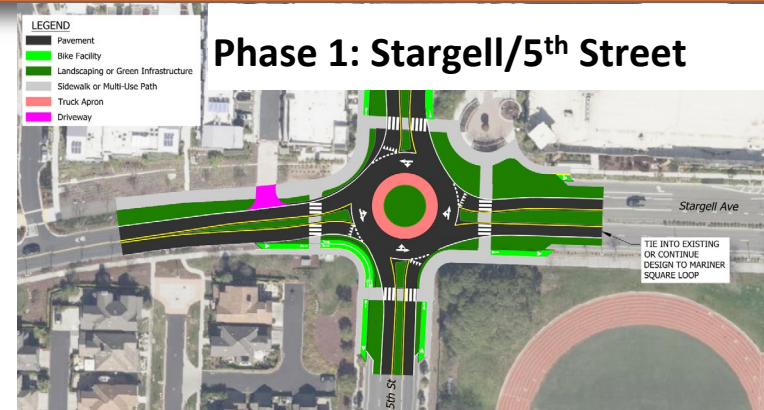
Roundabout Phasing Approach

Phase 1 (2027-28):

- **Build full corridor improvements plus Stargell/5th Street roundabout**
- Use modular materials, capture safety benefit
- Full construction at corners, with modular construction in the middle of the circle

Phase 2 (2029+):

- Build Stargell Ave/Mariner Sq Loop, when funds available
- Upgrade Stargell Ave/5th St with landscape and green infrastructure, when funds available



Phase 2: Stargell/Mariner Square Loop



Modular Roundabout Construction

Opportunities for cost savings while achieving safety benefit

- Permanent corners & ADA ramps
- Lower-cost materials at medians and round center circle

Modular Roundabout Design



Phase 1 Funding

- **Total Phase 1 Cost:** \$11.4 million
- **Grant Funding to Date:**
 - MTC Safe Routes to Transit/Bay Trail (RM3) - \$4.9 million
 - MTC Regional Active Transportation Program - \$673,000
 - MTC Active Transportation Design Technical Assistance - \$300,000
- **Other Potential Funding Sources:**
 - Alameda CTC Measure BB
 - California Affordable Housing and Sustainable Communities Grant

Resolution of
Local Support



Next Steps

- **Finalize Funding Plan (2025)**
- **Re-routed Line 19 begins service**, with interim bus stop improvements (Aug 2025)
- **Finalize Design/Environmental (2025)**
- **Plans, Specifications, and Engineering (2026)**
- **Construction (2027/28)**



Recommendation

- 1) Endorse the design concept for the Willie Stargell Avenue Complete Street Corridor
- 2) Adopt a Resolution of Local Support authorizing the filing of an application for funding assigned to MTC, committing any necessary matching funds and stating assurance to complete the project.



Questions?

