Review Complete Streets Checklist and Provide Input on Stargell Ave Safety Improvements Project

Transportation Commission
May 22, 2024
ITEM 6C - Discussion

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Stargell Ave Today: Main to 5th

- High speeds, high traffic
- School crossings
- 14’ lanes with sharrows
- Vacant land on north side

2

Stargell Ave Today

Existing multi-use path from Fifth to Bette St only

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Stargell Ave Today: 5th to Mariner Sq Loop

Stargell from Fifth to Mariner Sq Loop

- Offset intersection at Fifth St
- Confusing roadway striping
- Standard bike lanes
- Multi-use path on south side

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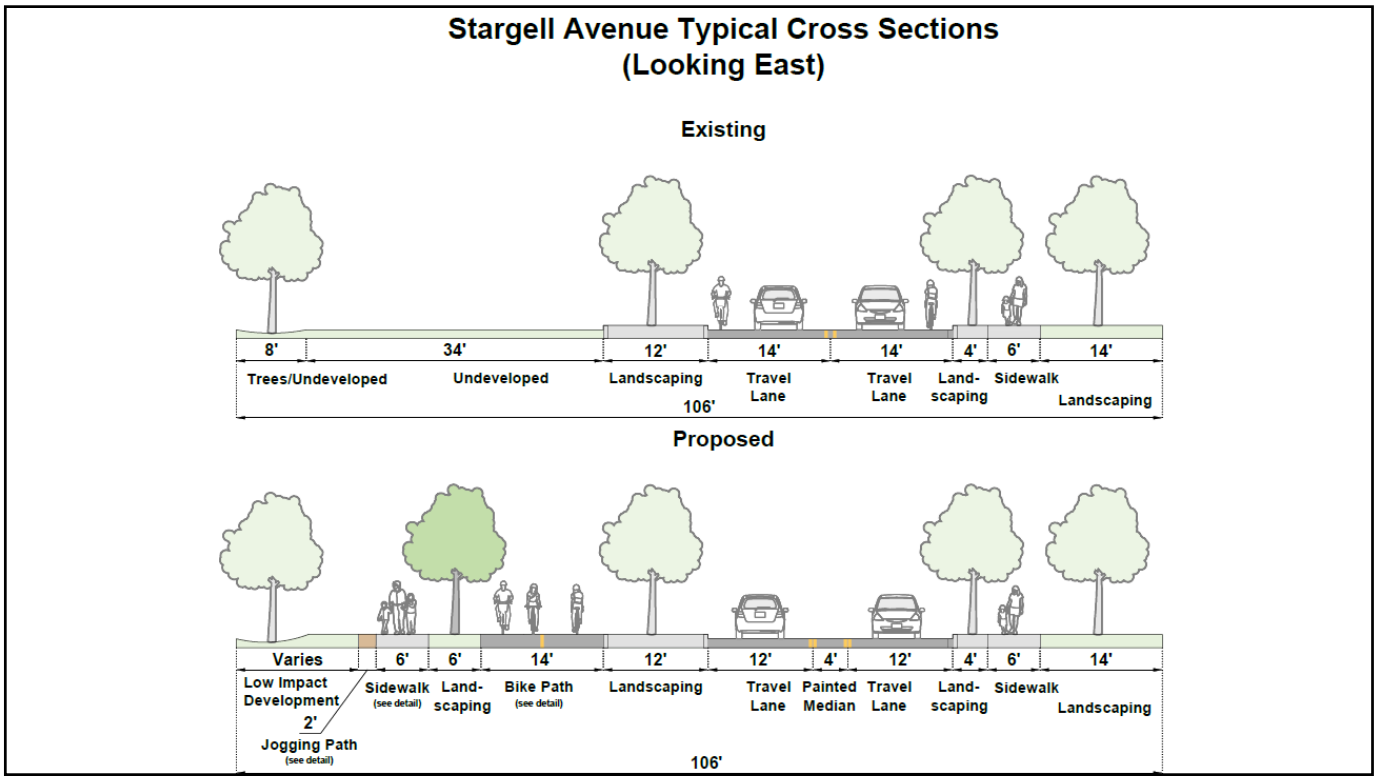
Background

- Many community complaints regarding speeding; difficulty of crossing and cars not yielding at the Main St, Mosely Ave and Coral Sea St intersections; lack of dedicated bicycle facilities
- Transportation Choices Plan (2018) included the "Stargell Avenue" project to install "separated bikeway, walkway and bus lanes" as a priority project
- Active Transportation Plan (2022) recommends a multi-use trail along Stargell Avenue
- Three unsuccessful grant applications to date
- Re-applying in 2024 for state and regional Active Transportation Program funds
  - Regional application requires Complete Streets checklist with a Bike/Ped Advisory Committee review

Draft Project Concept

- Separate walking and bicycling paths in the un-used, city-owned, right of way
- Narrow the travel lanes from 14' to 12'
- Add horizontal deflection in westbound direction
- Separated bike lane in the westbound direction on Stargell between Fifth Street and Mariner Square Loop
- Mosely Ave and Coral Sea St crossings: Add flashing beacons, ped refuges islands and bulbouts on the north sides
- Fifth St intersection: Add large bulbout, with a protected bike lane, at the northeast corner
- If new AC Transit bus line is added to Stargell, new transit stops with bus shelters


Stargell Avenue Typical Cross Sections
(Looking East)
Existing
8'
Trees/Undeveloped
34'
Undeveloped
12'
Landscaping
14'
Travel Lane
14'
Travel Lane
4'
Land-scaping
6'
Sidewalk
14'
Landscaping
106'
Proposed
Varies
Low Impact Development
2'
Jogging Path
(see detail)
6'
Sidewalk
(see detail)
6'
Land-scaping
14'
Bike Path
(see detail)
12'
Landscaping
12'
Travel Lane
4'
Painted Median
12'
Travel Lane
4'
Land-scaping
6'
Sidewalk
14'
Landscaping
106'

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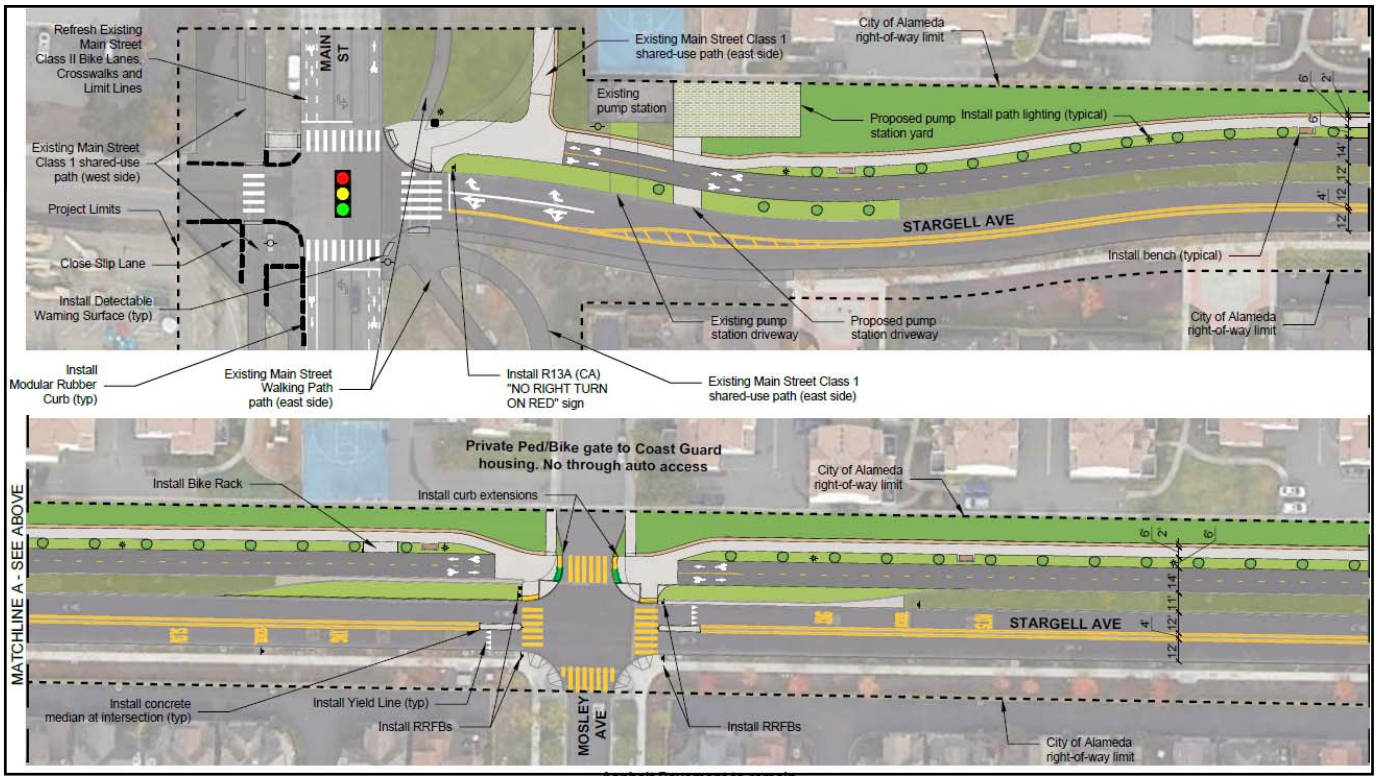
Refresh Existing Main Street Class II Bike Lanes, Crosswalks and Limit Lines
MAIN ST
Existing Main Street Class 1 shared-use path (east side)
City of Alameda right-of-way limit
Existing pump station
Proposed pump station yard
Install path lighting (typical)
Existing Main Street Class 1 shared-use path (west side)
Project Limits
Close Slip Lane
Install Detectable Warning Surface (typ)
STARGELL AVE
Install bench (typical)
Existing pump station driveway
Proposed pump station driveway
City of Alameda right-of-way limit
Install Modular Rubber Curb (typ)
Existing Main Street Walking Path path (east side)
Install R13A (CA) "NO RIGHT TURN ON RED" sign
Existing Main Street Class 1 shared-use path (east side)
MATCHLINE A - SEE ABOVE
Private Ped/Bike gate to Coast Guard housing. No through auto access
Install Bike Rack
Install curb extensions
City of Alameda right-of-way limit
STARGELL AVE
Install concrete median at intersection (typ)
Install Yield Line (typ)
Install RRFBs
MOSLEY AVE
Install RRFBs
City of Alameda right-of-way limit

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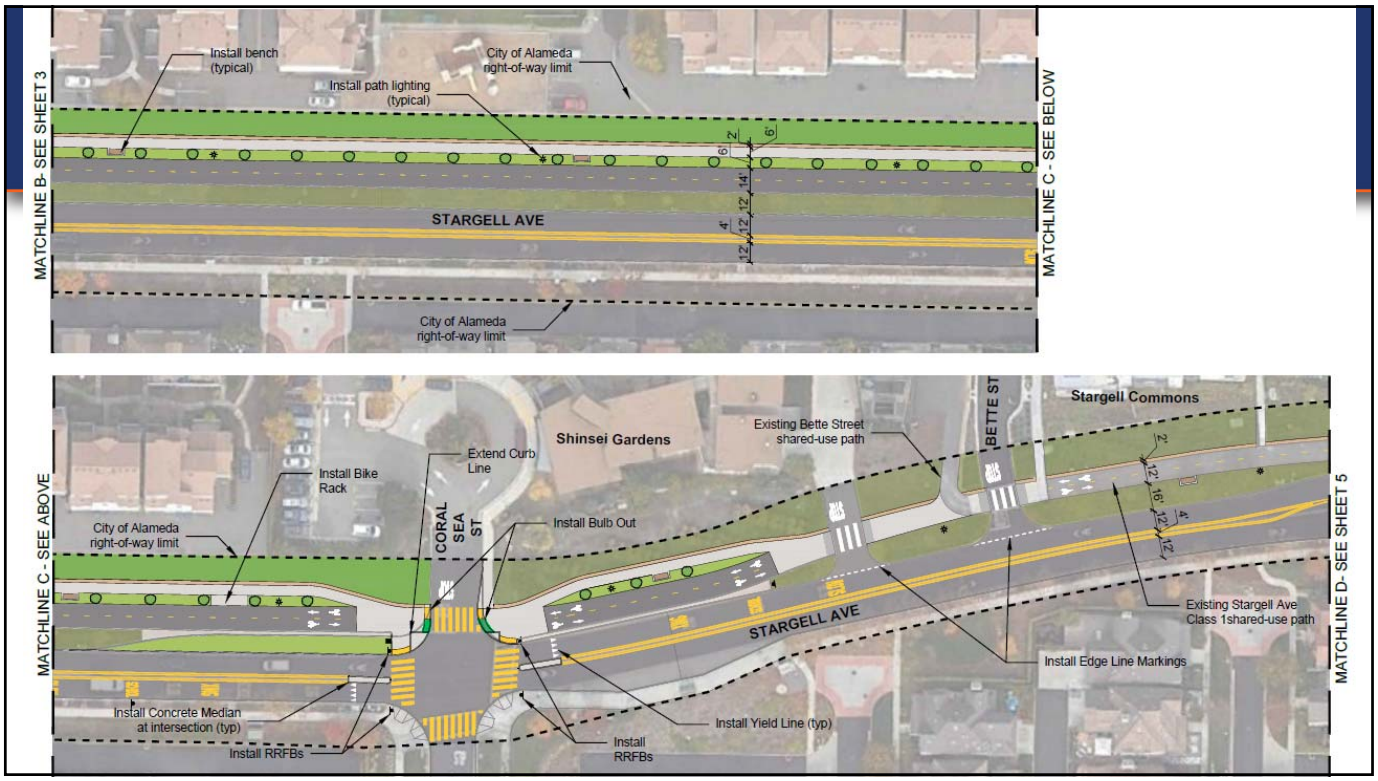

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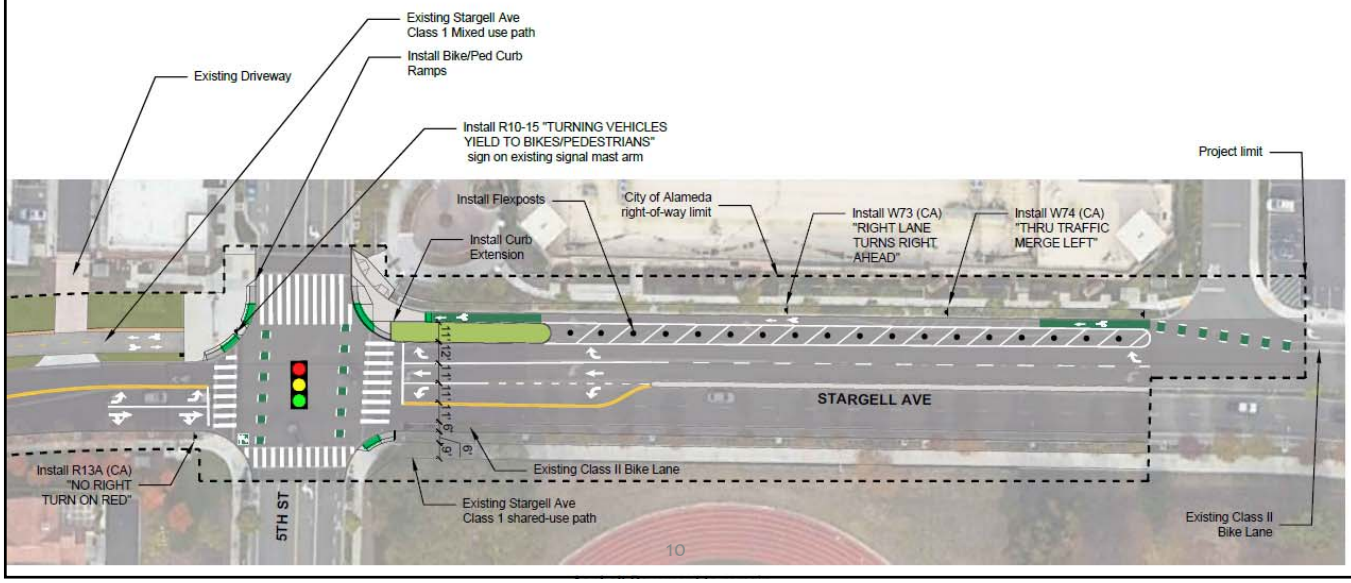
Proposal: 5th to Mariner Square Loop



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Staff Recommendation

Provide input on Checklist and Project

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