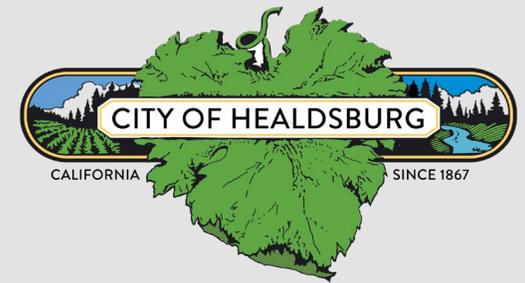


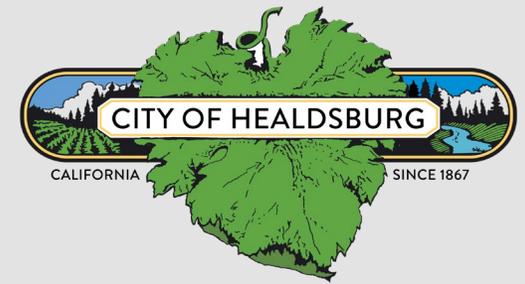
Healdsburg City Council Meeting

May 5, 2025



City Manager's Report

City Council, May 5, 2025



Public Comment on Non Agenda Items

Comentarios del
público sobre
puntos no
incluidos en la
agenda de la
reunión

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Reject Bids for the Test Wells for ASR Potential, Phase 1 of Project WA006

City Council, May 05, 2025





Recommended Council Action

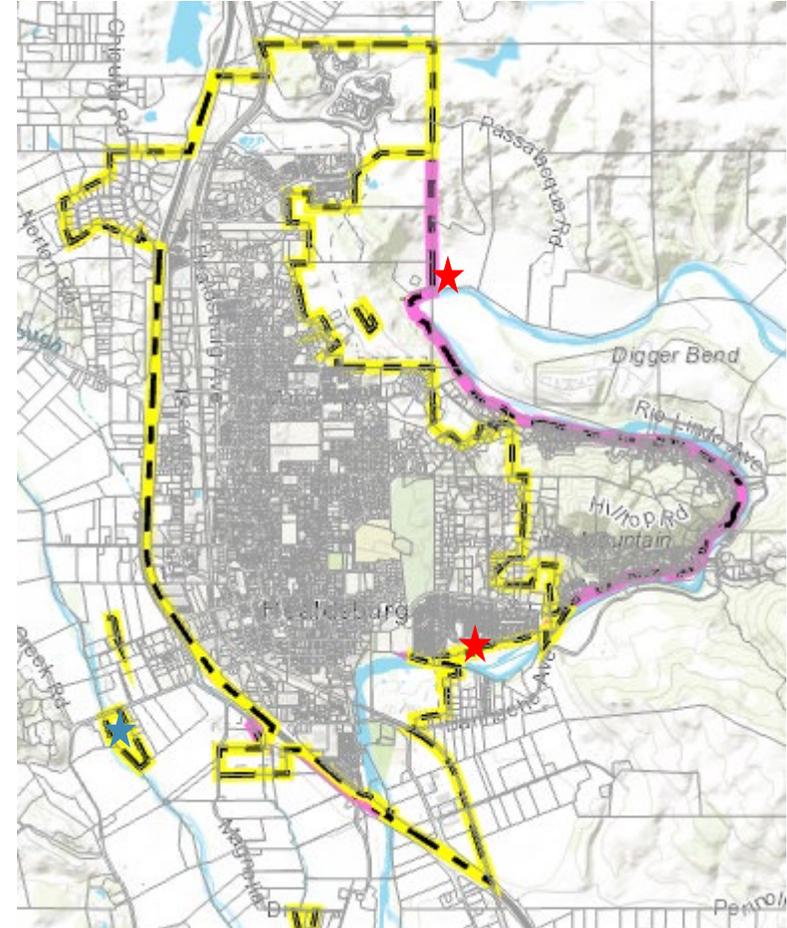
Adopt a resolution rejecting all bids received for the Test Wells for ASR Potential, Phase 1 of Project WA006 and direct staff to seek funding sources to complete this project



Background

The City derives all its water from surface water rights on the Russian River (~80%★) and on Dry Creek (~20%★)

Additional water is purchased from Sonoma when City rights are not available

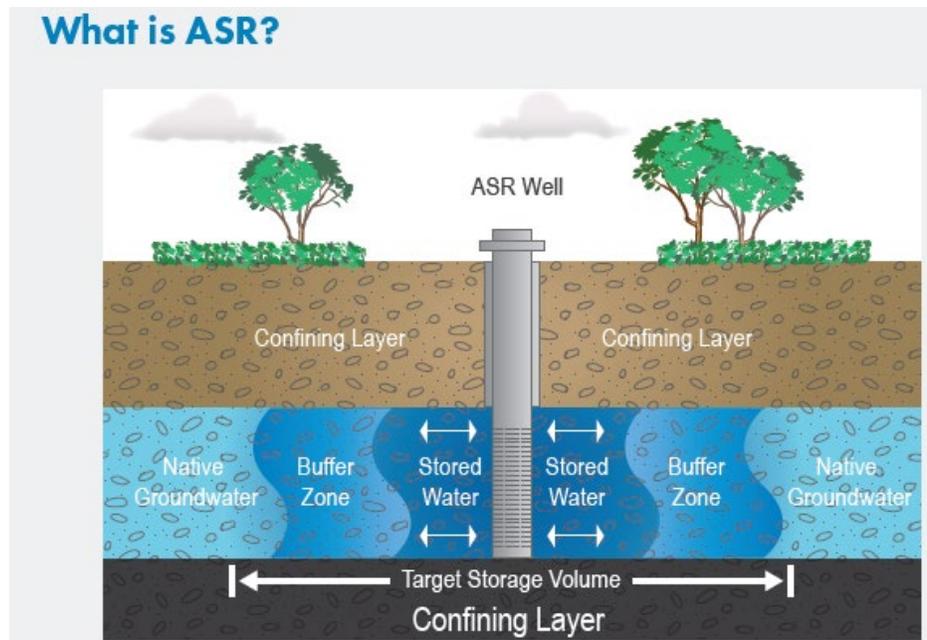


Background

- Droughts can cause the City's surface water rights to be curtailed.
- During the 2013-2018 drought all but the most senior rights were curtailed.
- During the 2021 all surface water rights, including purchased water, were curtailed.

Background

- In 2021, City engaged a consultant to investigate if groundwater wells, not communicating with surface water, were feasible in Healdsburg.
- The consultant also considered aquifer storage and recovery (ASR) for the wells to allow them to be sustainable – storing surface water when plentiful; using stored water /groundwater when surface water is scarce.



Background

- The consultant determined that ASR wells are feasible and based on the data available could produce approximately 100 gpm each
- Combined the ASR wells could provide up to ~15 percent of the City's demand

Background

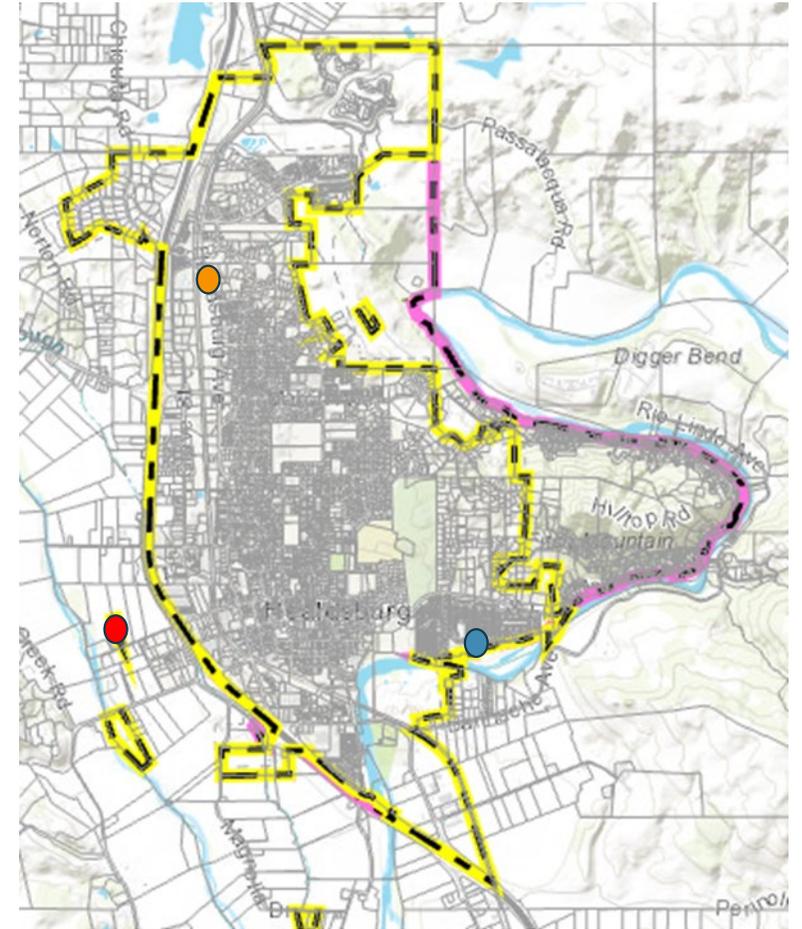
- In 2021, City applied for grants to pursue the ASR Wells Project, including the FEMA Building Resilient Infrastructure and Communities (BRIC) grant.
- The City's ASR Project was selected by the BRIC grant in August 2022, which was funded July 1, 2024.

Background

- The scope of the grant was for Phase 1 consisting of
 - Construction exploratory wells to define the aquifer performance,
 - Assessment of the quality of the groundwater,
 - Design the production ASR wells
- Construction of the production wells and above ground facilities, Phase 2, were deferred funding tasks contingent on successful exploratory wells

Post Grant Award Activities

- With the grant awarded, staff engaged the design consultant (GEI Consultants) to complete Phase 1, which prepared plans and specifications for bidding of exploratory wells at
 - West North Street
 - Badger Park
 - Community Center



Post Grant Award Activities

- On March 6, 2025, the Test Wells for ASR Potential, Phase 1 of Project WA006 was advertised for bidding
- On March 19, 2025, a pre-bid meeting was conducted
- On April 3, 2025 bids were opened
 - 6 bids received ranging from \$977,618 to \$2,000,000
 - Lowest responsive bidder was Weeks Drilling & Pump Company for \$977, 618

Post Bidding Notifications

- On April 4, 2025, the Department of Homeland Security (oversees FEMA) sent a communication announcing the BRIC grant program was cancelled; only already-obligated funds would continue.
 - The Phase 1 was already-obligated
- On April 15, 2025, CalOES (the grant administrator in California), restated the DHS message and added that no time extensions would be granted unless previously authorized by FEMA
 - The time of performance of the grant ends on 11/29/2025 with no expenses after 08/29/2025

Impacts to the WA006 Phase 1 Project

- Clearly, Phase 2 construction of the ASR production wells could not follow immediately after Phase 1 (funds not obligated for Phase 2)
- Staff reviewed the project schedule with the contractor and designer.
 - At best one exploratory well could be completed in the time available – no design could be completed
- City would be responsible for 30 percent of the cost, approx. \$125,000 of the \$326,000 (estimated based on 1/3 of the bid price)

Impacts to the WA006 Phase 1 Project

- To complete the Phase 1 exploratory wells, the City could self-fund the remaining
 - \$650,000 for the wells,
 - \$27,000 for laboratory analyses,
 - \$173,000 for support during exploratory well construction
 - \$710,000 for ASR facility design –
 - Totaling approximately \$1,700,000 to \$1,900,000
- Construction of the ASR well facilities are estimated to cost approximately \$6.6 million to \$7.0 million

Cost compared to Benefit

- In absence of outside funding, pursuing the Test Wells for ASR Potential, Phase 1 of Project WA006 to any degree would displace funding of other projects, and the benefit should be substantial
- The ASR wells project when completed would help with up to ~15 percent of the City's demand
- However, other projects in the CIP queue to improve the booster pumps, clear well, and well field capacity could offset most to all the Russian River sourced water or approximately 80 percent of the City rights, and capability of providing most of the City's demands

Cost compared to Benefit

- With diversions from Potter Valley Project to Lake Mendocino become less certain, the City's water supply from the Russian River (80% of the City's water rights) is also less certain, even without drought
- Improvement to the Dry Creek well field and water treatment plant will offset Russian River supplies and would be postponed if the ASR wells project were pursued without outside funding

Cost compared to Benefit

- Abandoning the ASR Wells project until outside funding is identified allow Dry Creek projects to move forward – possibly sooner, depending on Water Fund revenues
- Abandoning the ASR Wells project until outside funding is identified appears to be the conclusion that best serves the City's water reliability needs at this time.

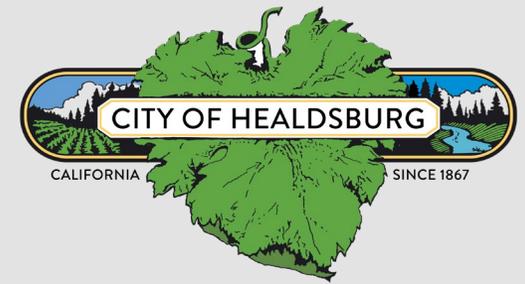


Recommended Council Action

Adopt a resolution rejecting all bids received for the Test Wells for ASR Potential, Phase 1 of Project WA006 and direct staff to seek funding sources to complete this project



Questions



Public
Comment

Comentarios
del público

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Healdsburg Avenue Complete Streets Project – Update

Powell Avenue to Northern City Limits

City Council, May 5, 2025



Recommended Actions

- Receive Healdsburg Avenue Complete Streets Project Design Update
- Confirm Council Support to Proceed with Environmental Clearance and Final Design



Outline and Introductions

1. Project Purpose and Background
2. Design Progress and Current Design
3. Complete Streets Components
4. Evacuation Lane and Strategy
5. Construction Estimate
6. Funding and Schedule
7. Recommended Action



Clay Thistle – City Project Manager

Larry Zimmer – City Public Works Director



Jaggi Bhandal – Civil Design Project Manager

Amir Abdollahi – Civil Design Project Engineer



Mike Aronson – Civil Design Traffic Engineer

Mike Alston – Civil Design Traffic Engineer

Project Purpose

Convert Healdsburg Avenue into a safer and more comfortable roadway for people walking, biking, driving, and taking transit.



Background

- Public Engagement
 - Community Focus Group Meetings
 - Online and In-person Survey
 - Community Design Workshop
- Established Community Vision and Goals
- Concept Development



Background

- Concept Development Approval by City Council
- ATP Grant Award – March 15, 2023
- City RFP for Environmental Clearance & Final Design (PS&E)
- PSA with BKF Engineers – August 2023

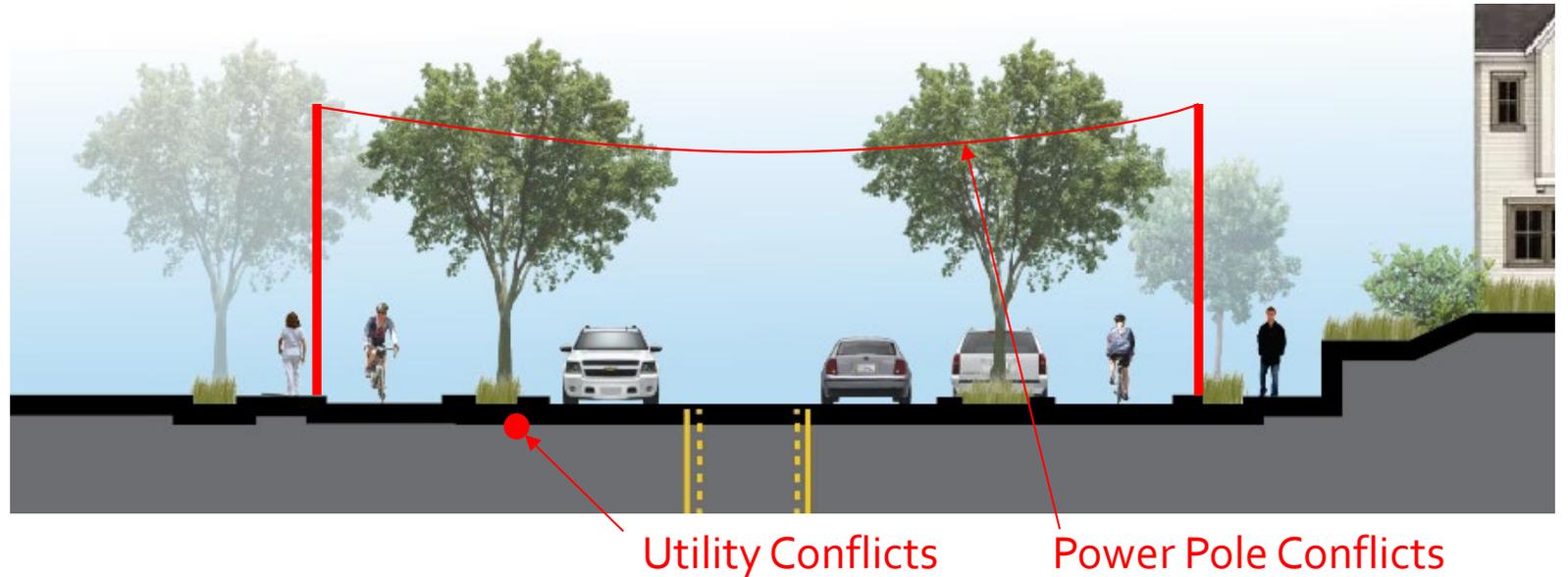
Existing Conditions

- Wide 5-Lane Roadway Corridor
- Moderate-to-Severe Pavement Failure
- No Bike Lanes
- Narrow & Discontinuous Sidewalks
- Non ADA Compliant Facilities
- Infrequent Crosswalks
- Minimal Trees & Shade Cover

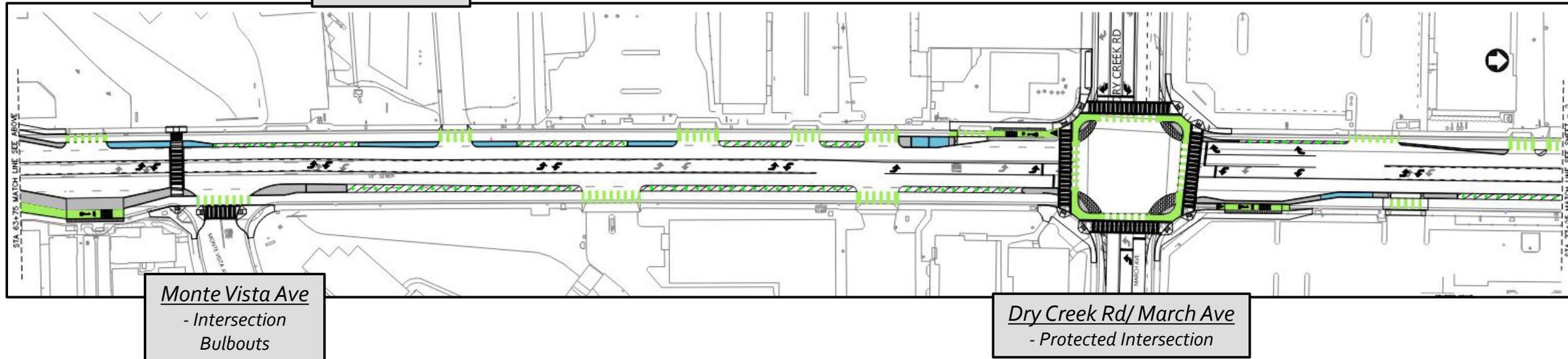


Design Process

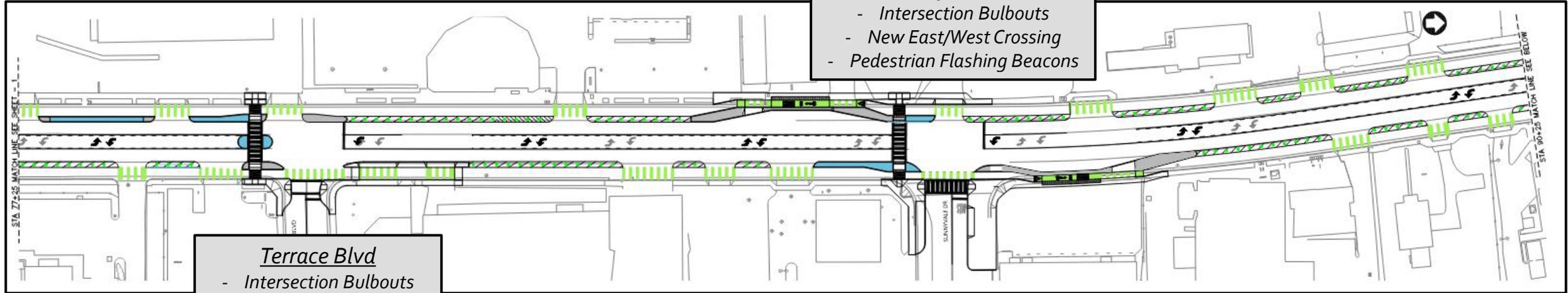
- Utility Investigations
- Geotechnical/Pavement Analysis
- Right-of-Way Investigations
- Geometric Development
- Traffic Operations Analysis
- Stormwater LID Requirements/Exemptions
- Tree Planting/Landscaping Opportunities



Current Design

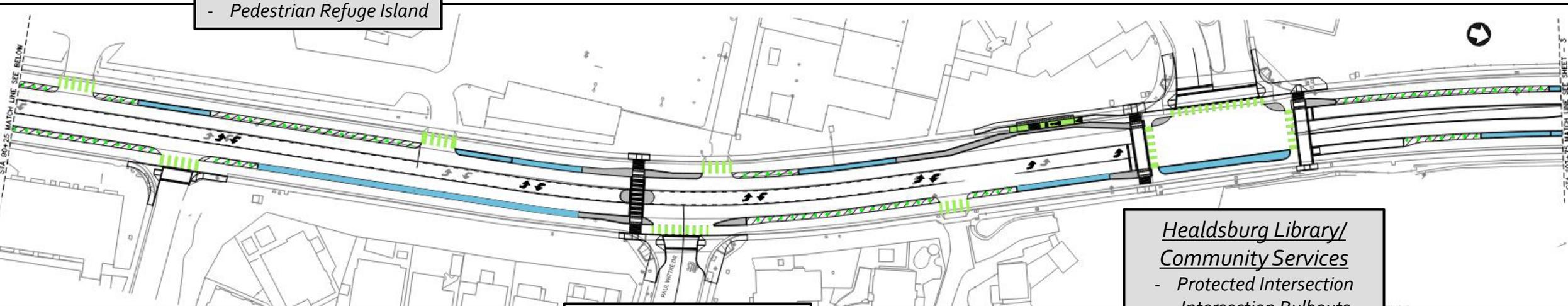


Current Design



Sunnyvale Dr
- Intersection Bulbouts
- New East/West Crossing
- Pedestrian Flashing Beacons

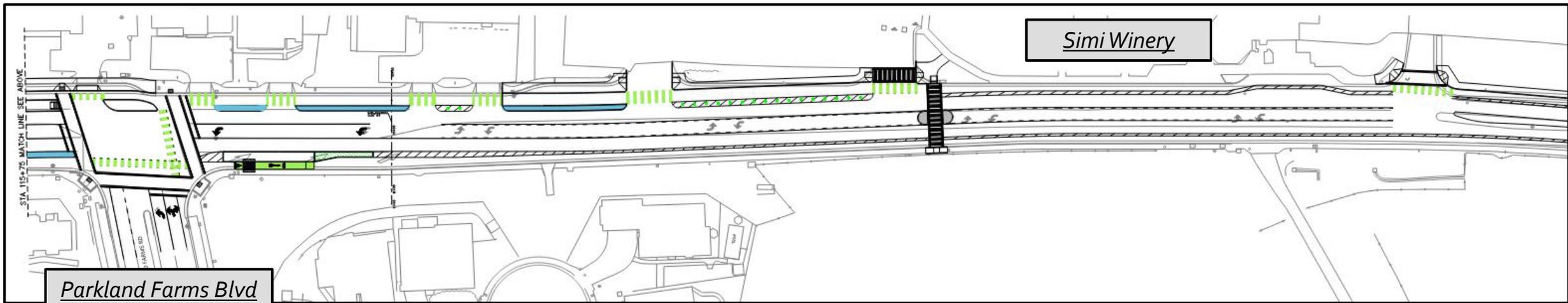
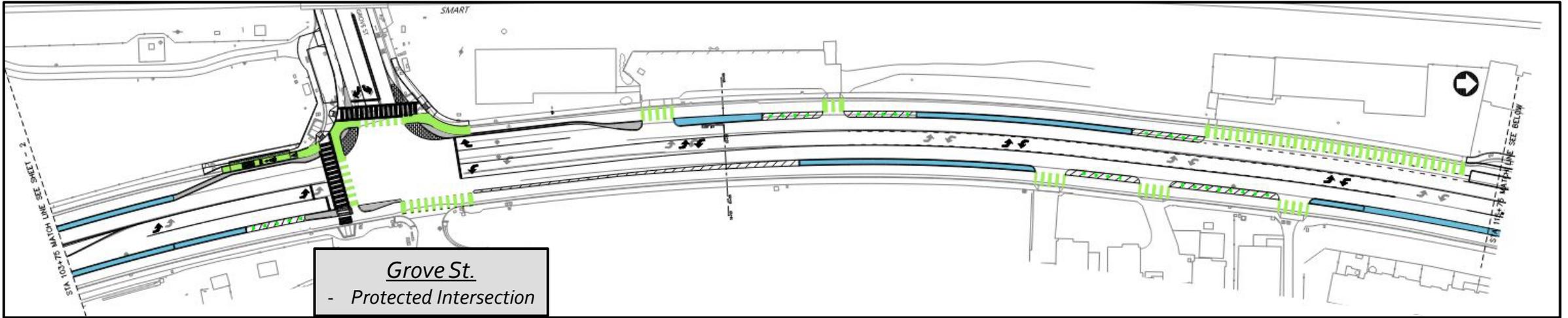
Terrace Blvd
- Intersection Bulbouts
- New East/West Crossing
- Pedestrian Refuge Island



Healdsburg Library/
Community Services
- Protected Intersection
- Intersection Bulbouts

Paul Wittke Dr.
- Intersection Bulbouts
- New East/West Crossing
- Pedestrian Refuge Island

Current Design

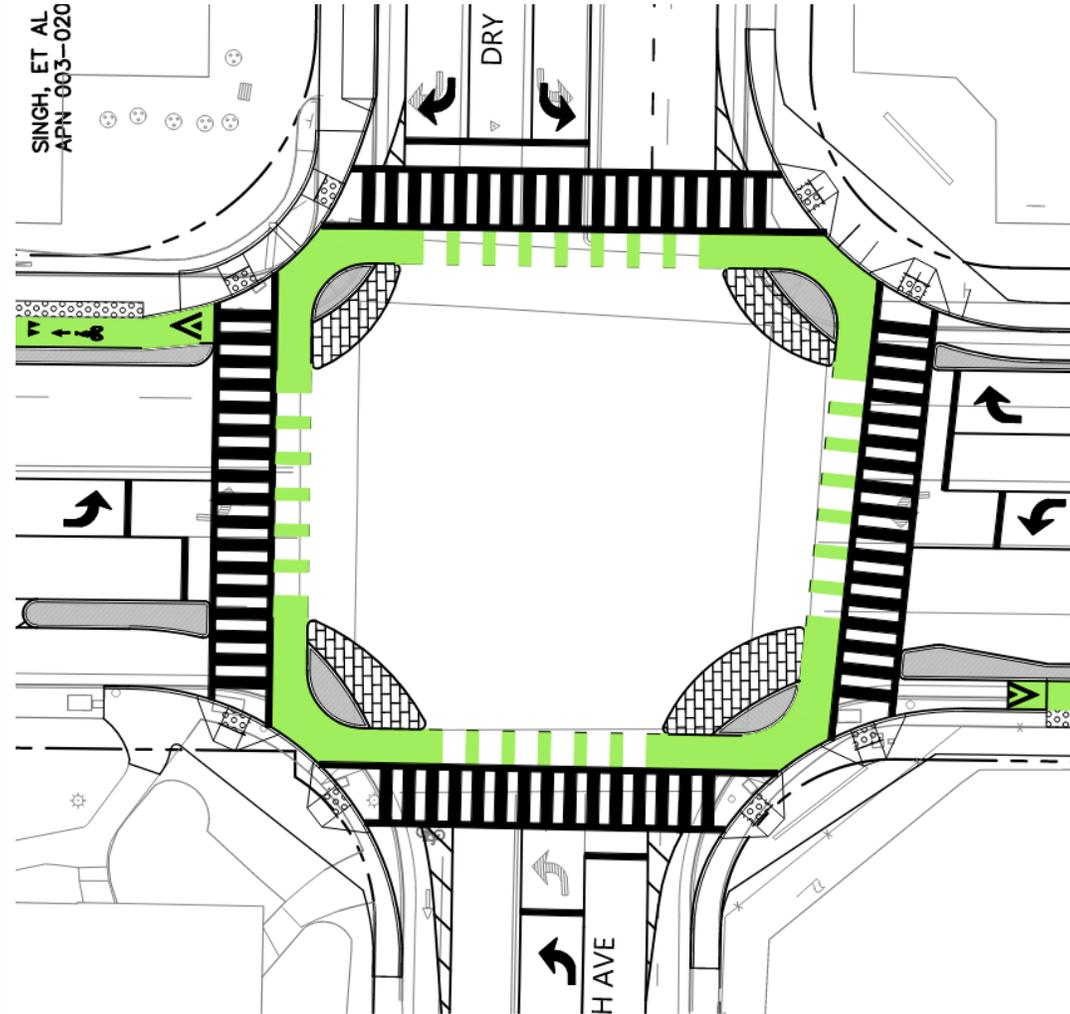


A roadway designed and operated to safely and comfortably accommodate all users, including pedestrians, bicyclists, transit riders, and motorists of all ages and abilities.

Complete Streets Elements



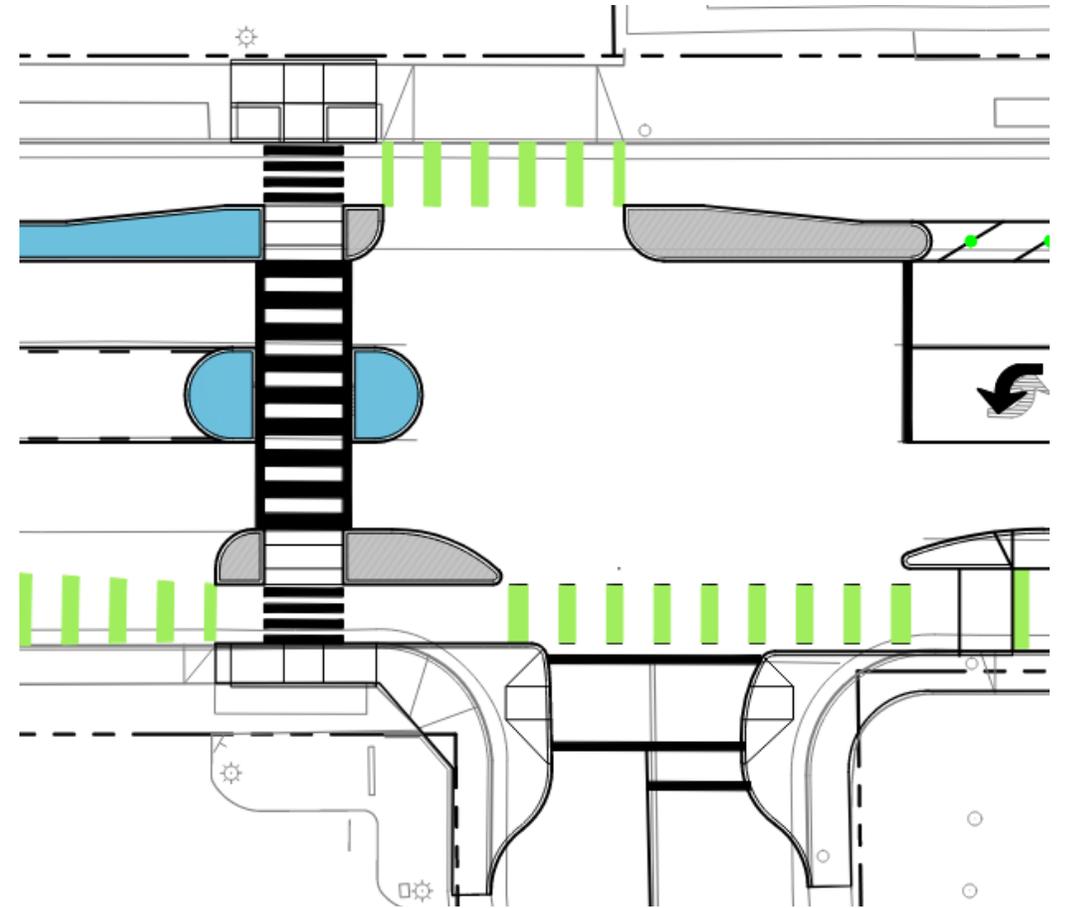
Complete Streets Elements



- Improved Safety For Cyclists & Pedestrians
- Dedicated Space for Bicyclists Within Intersections
- Better Visibility of Cyclists to Turning Vehicles
- Reduced Vehicle Speeds at Turns
- Lower Crash Severity

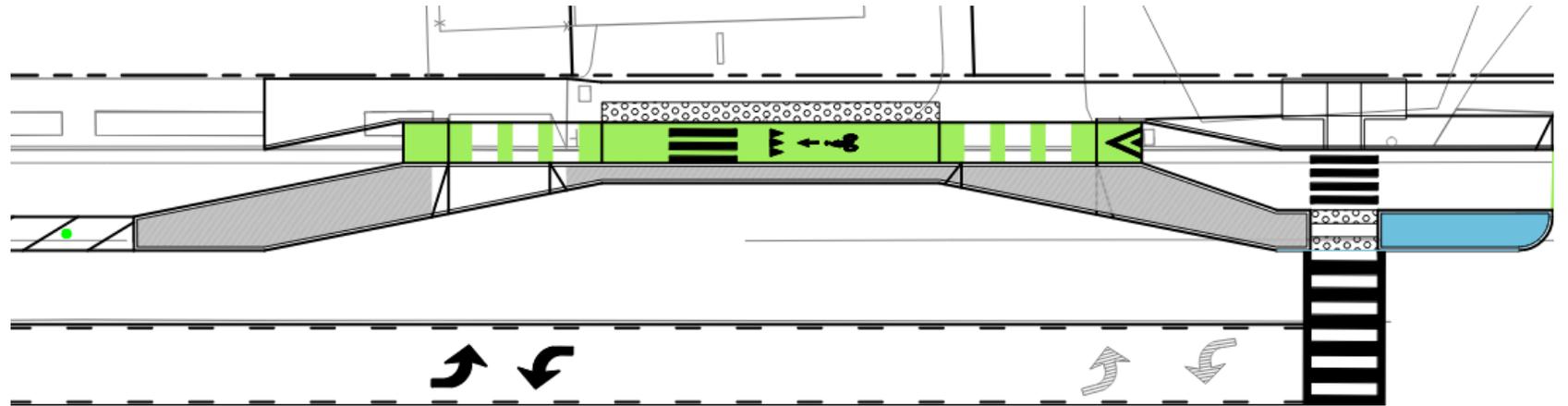
Complete Streets Elements

- Provides a safe place for pedestrians to pause mid-crossing
- Reflective Crosswalks also provide higher visibility
- Raised Curbs at Medians Deter Vehicle Encroachment
- Improved yielding rates at crossings



**Pedestrian Refuge Islands
With Flashing Beacons**

Complete Streets Elements



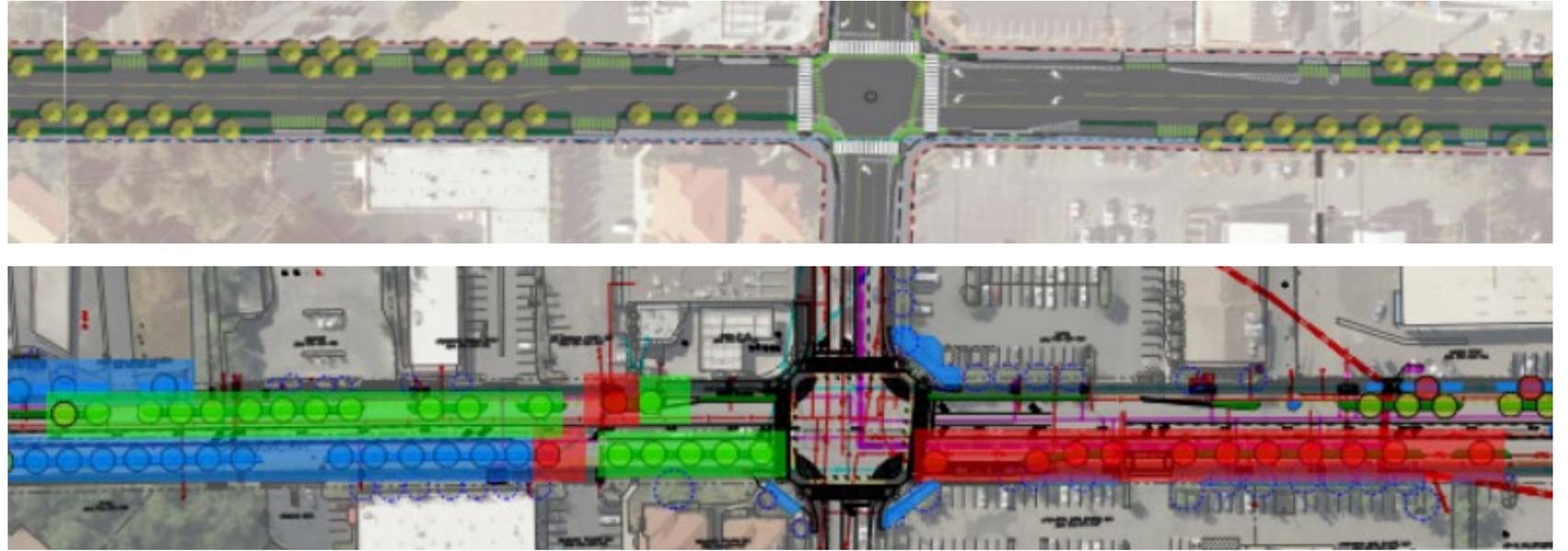
Bike-Integrated Floating Bus Stops

- Bicyclists Stay in Dedicated Bike Lane Avoiding Merging Into/Around Traffic
- Improved Visibility Through Separation from Bus Loading Areas
- Accessible Boarding
- Reduced Bus Delays and Rear-End Collisions

Refinements from 2020 Concept

- Tree Planting Reduction
- Cost-Effective and Custom-Tailored Class IV Bike Lane Alternatives
- Constraints and Outcomes of Evacuation Route Analysis
- Sunnyvale Avenue Intersection

Tree Planting Evaluation



- 2020 Concept
 - Many Trees discovered infeasible due to Utilities and Site Constraints
- Current Design
 - 70 Proposed Trees
 - 99 Additional Locations Identified for Future Construction

Legend

- 2025 Proposed Trees
- Future Opportunity for Trees
- Trees with Utility Conflicts

Class IV Buffered Bike Lane



Landscaped Bikeways



K-71 Delineated Bikeways



Curbed Bikeways

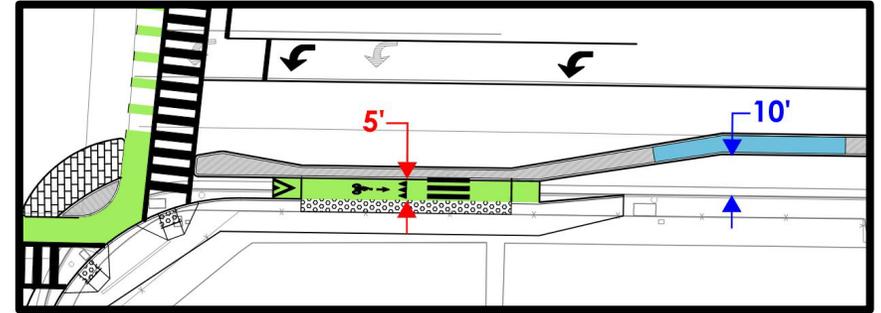


Buffered Bicycles Lanes

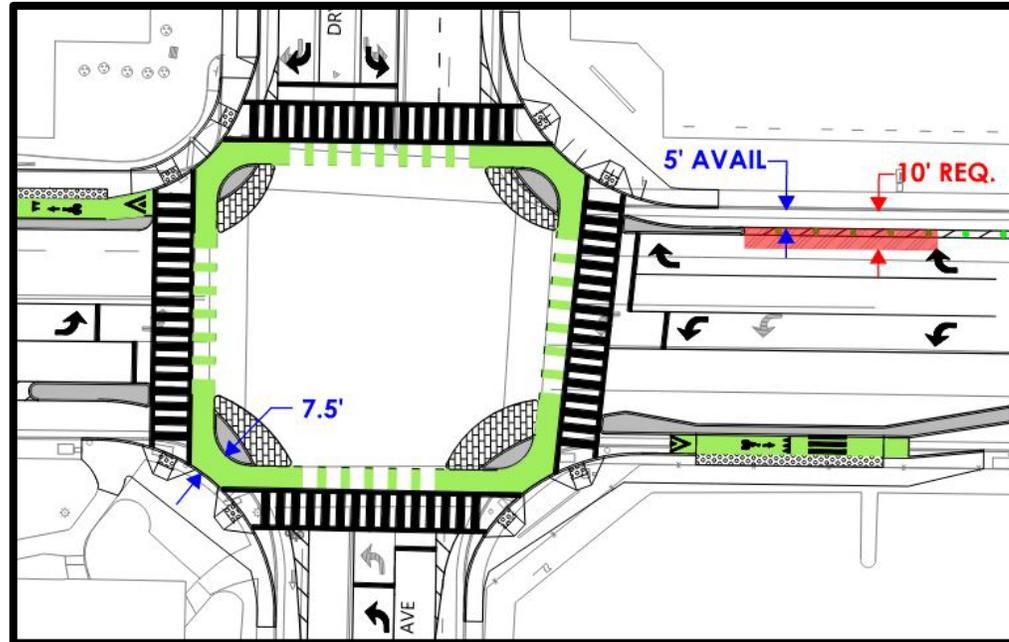
Evacuation Lane

- Geometric Design Constraints
- Right of Way Constraints
- Utility Conflicts
- Overall Project Cost Considerations

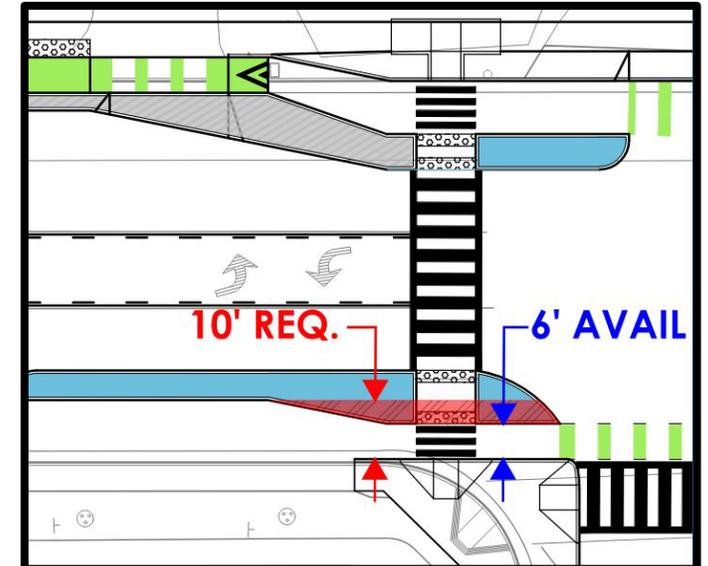
Bus Stop Pullouts



Protected Intersections



Refuge Islands



Healdsburg Ave

101

Parkland Farms Blvd

Healdsburg Ave

Project

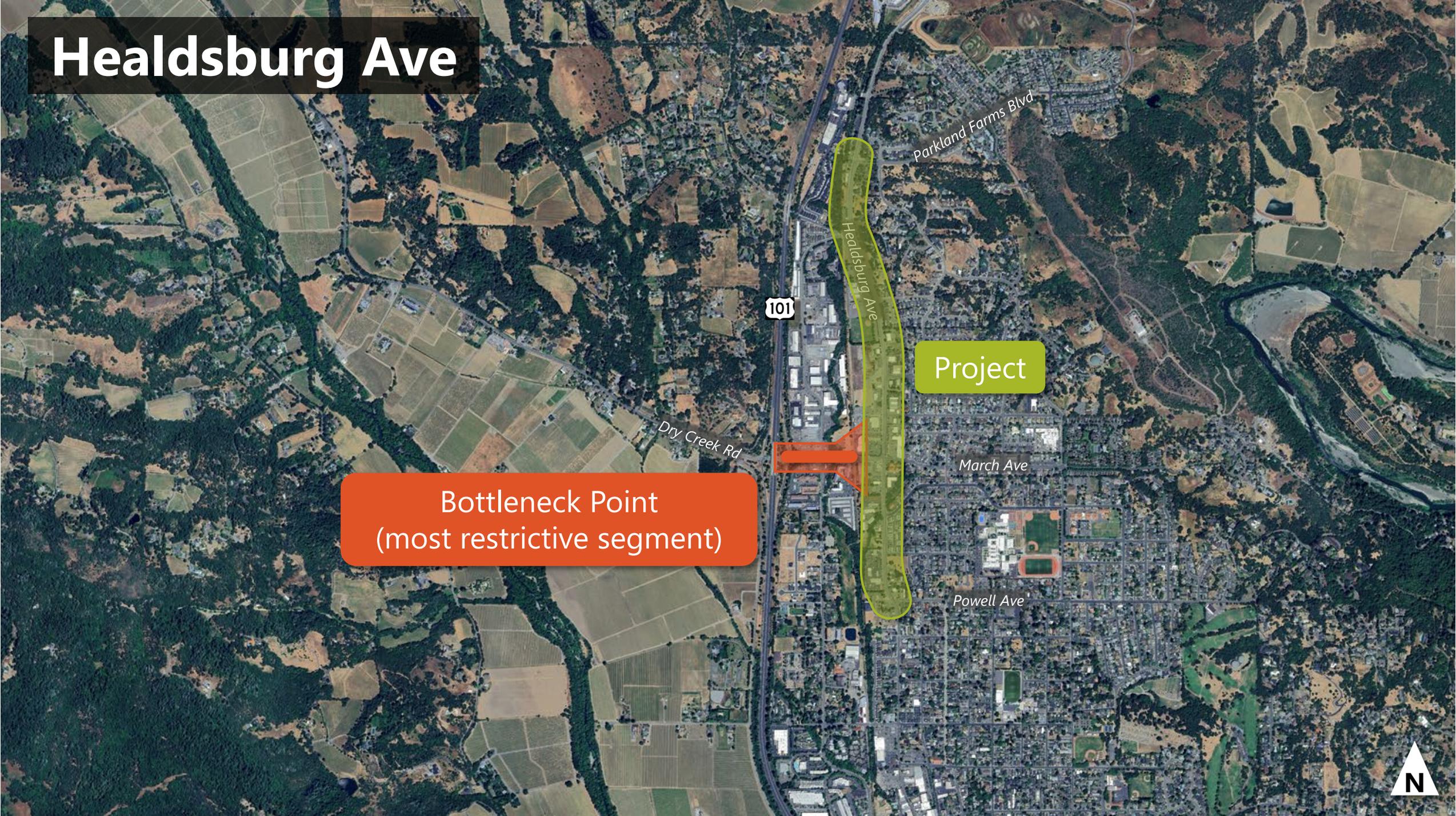
Dry Creek Rd

Bottleneck Point
(most restrictive segment)

March Ave

Powell Ave

N



Healdsburg Ave

25% traffic north to Cloverdale

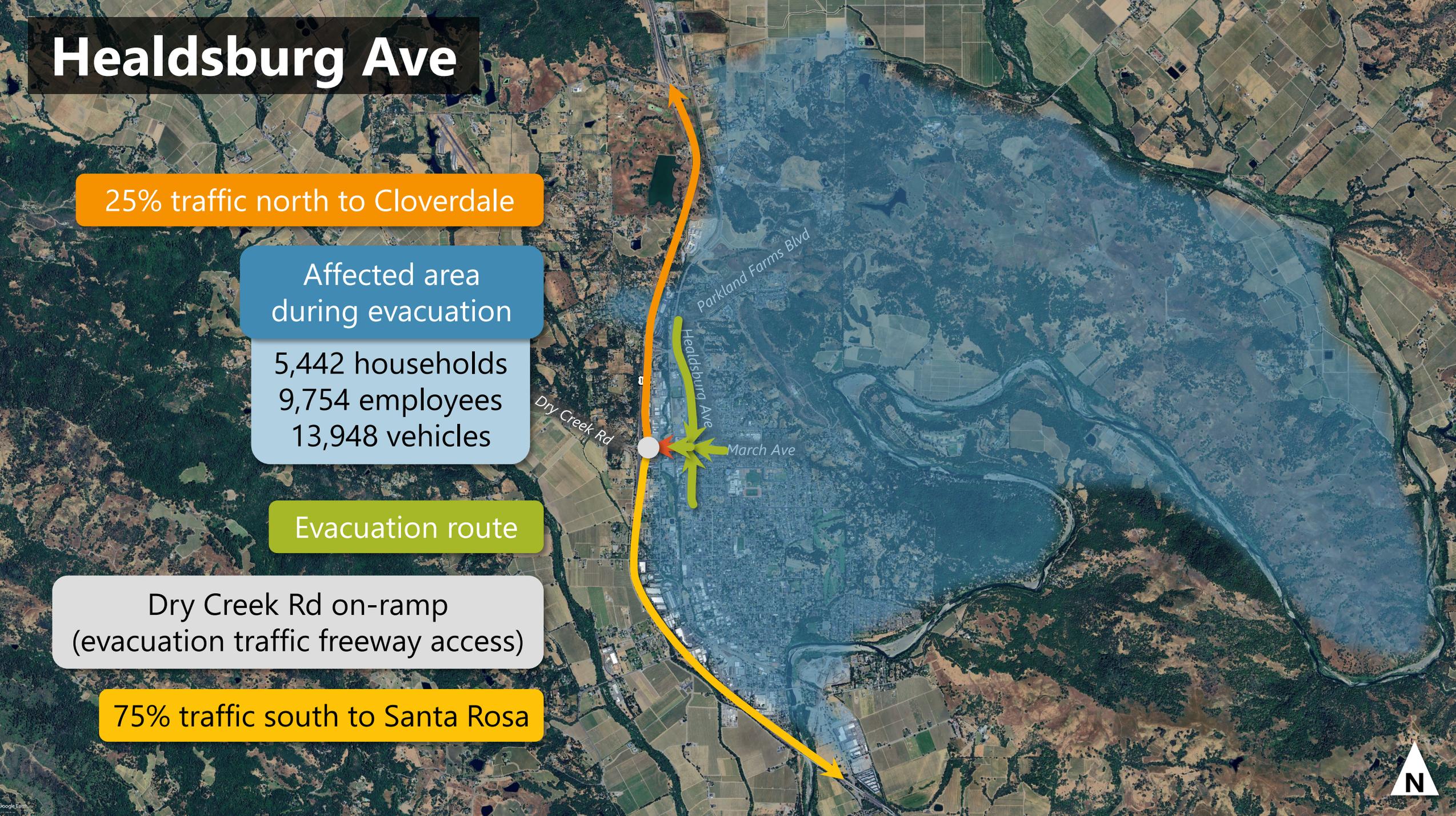
Affected area
during evacuation

5,442 households
9,754 employees
13,948 vehicles

Evacuation route

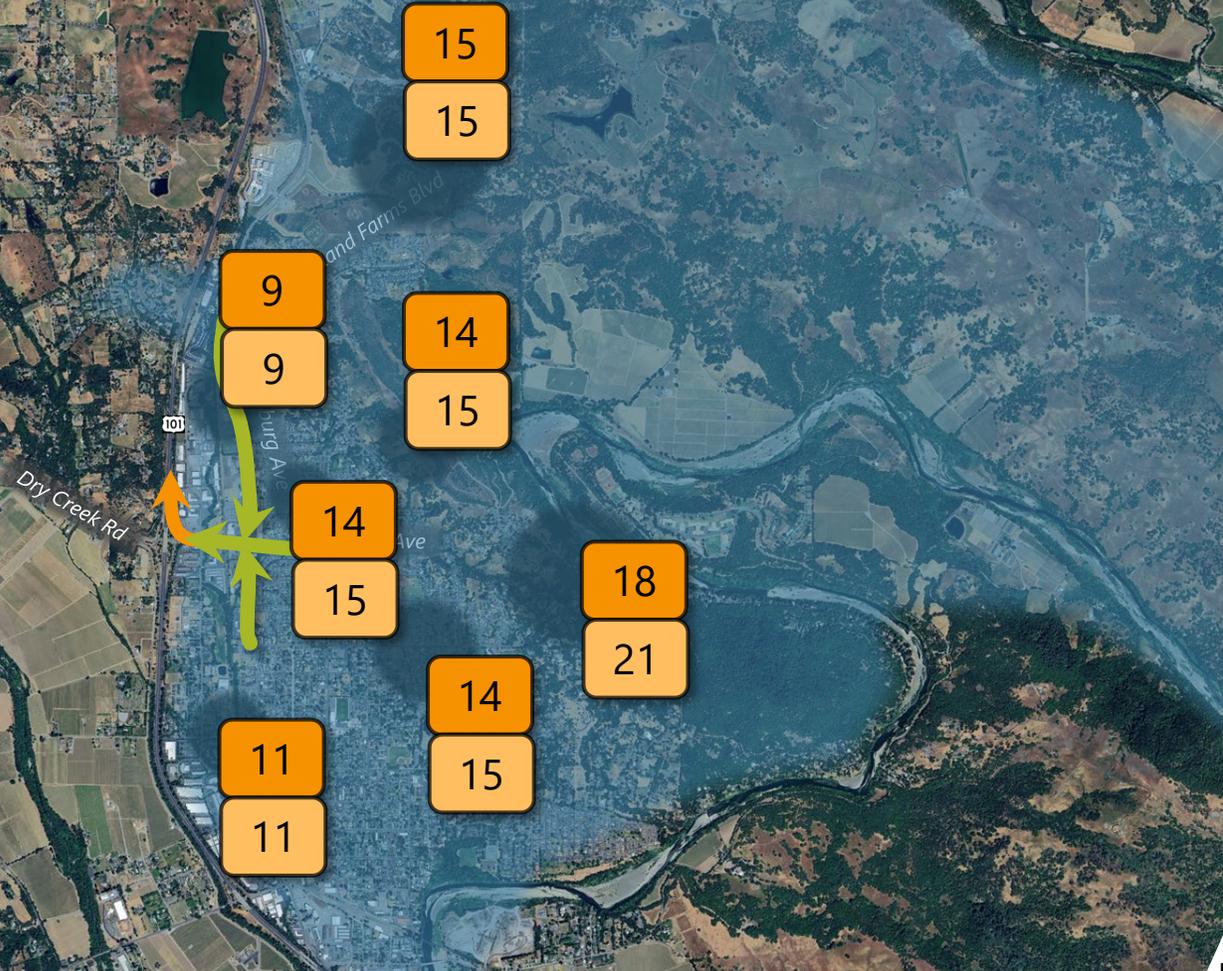
Dry Creek Rd on-ramp
(evacuation traffic freeway access)

75% traffic south to Santa Rosa



Travel Times to US 101 NB Ramp (min)

Travel Times to US 101 SB Ramp (min)



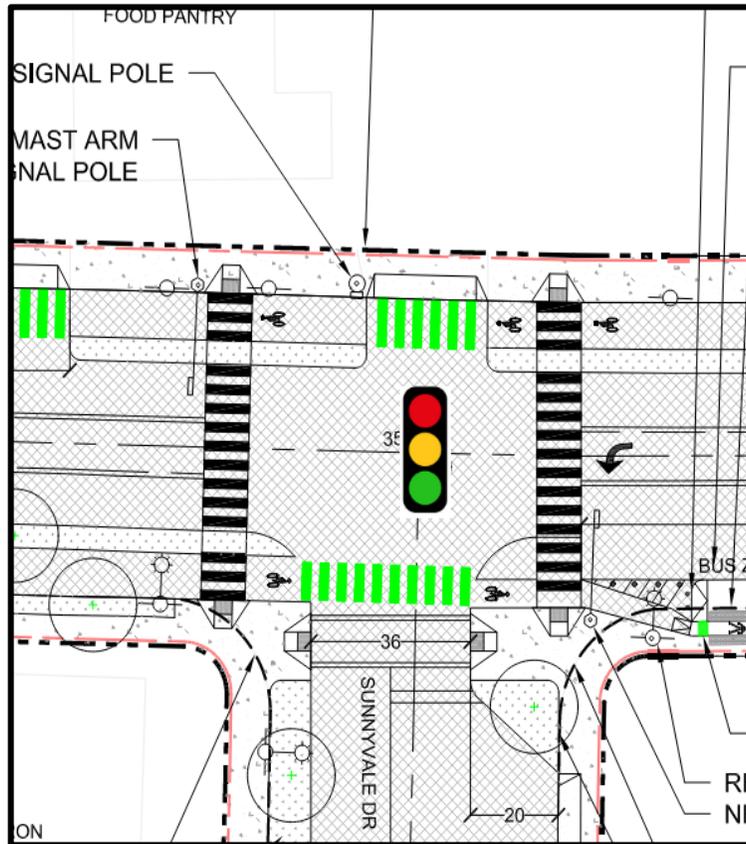
Without Project
With Project

Average increase in travel time
under 1 minute

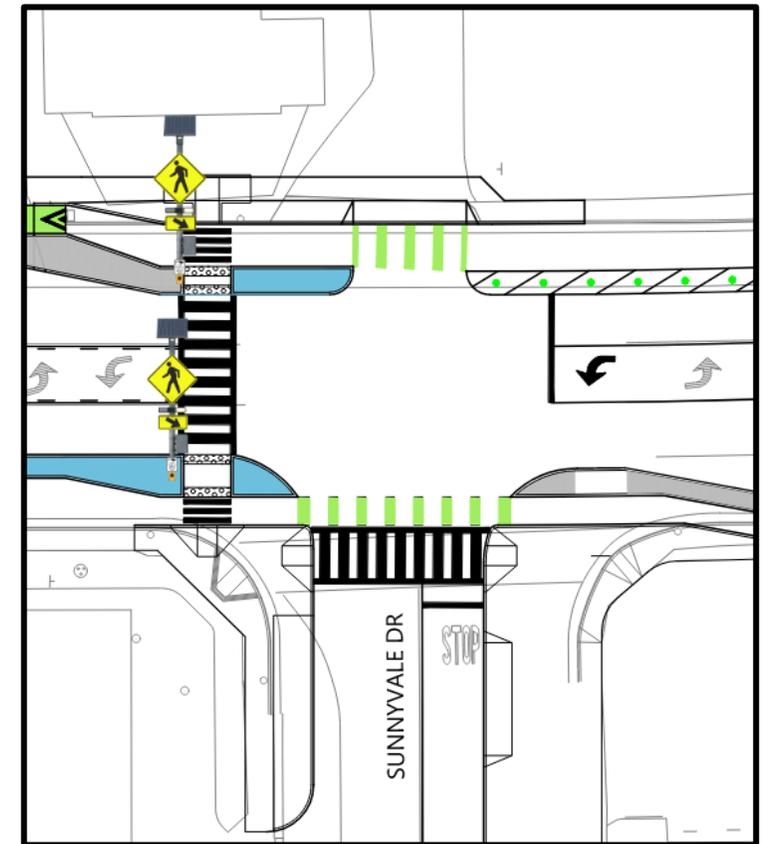
Without Project
With Project

Sunnyvale Avenue Traffic Signal

2020 Concept



Current Design



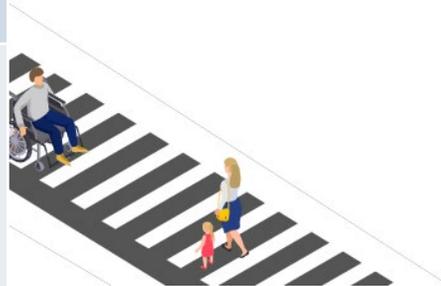
Construction Estimate



2020 Planning-Level
ROM Estimate:
\$12.78 million

2020 Planning-Level
in Today's Dollars
ROM Estimate:
\$20.82 million

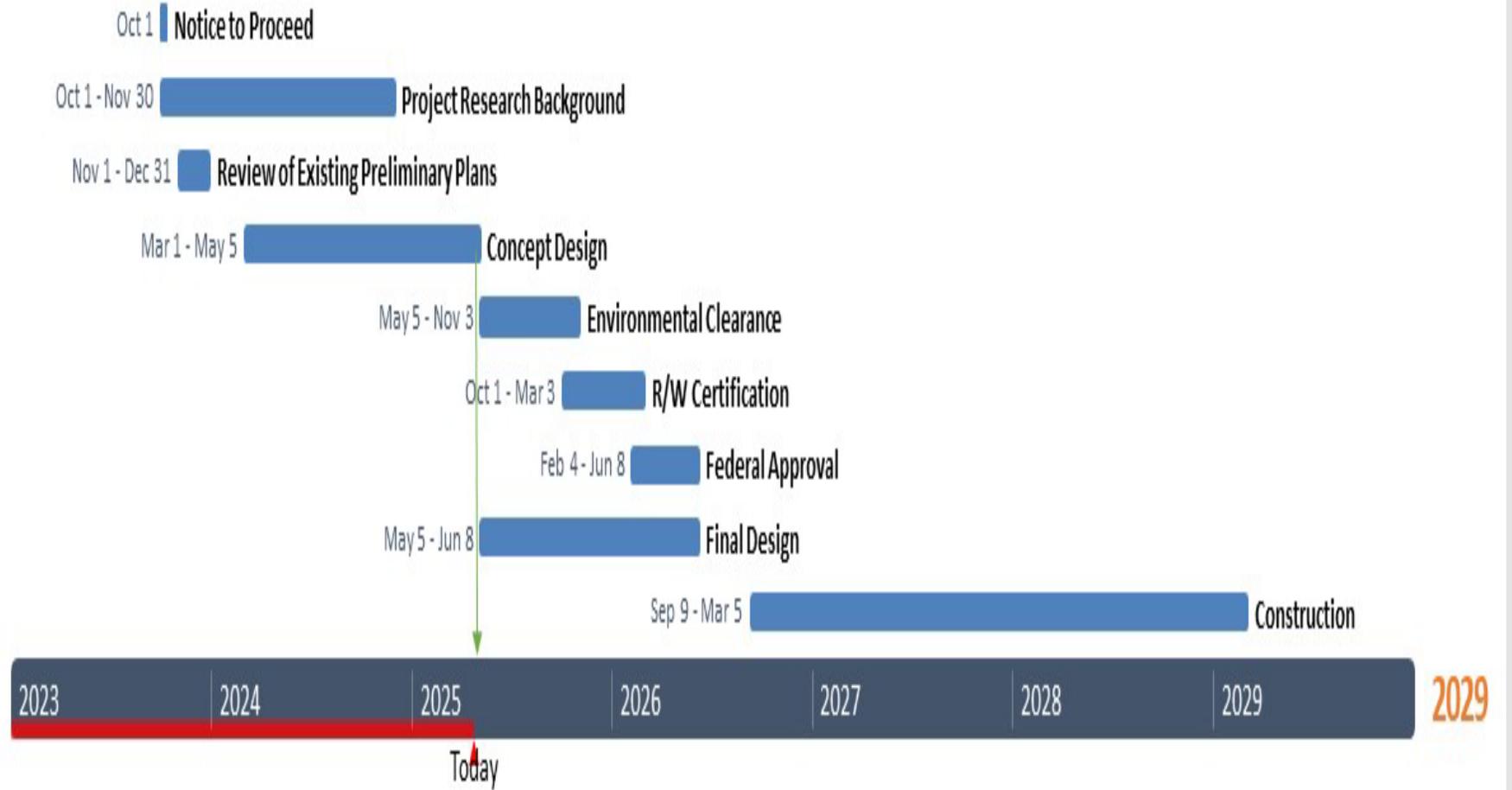
2025 Current Design
ROM Estimate:
\$13.77 million



Budget and Funding

Funding Phase	Fund Source	Fund Amount
PS&E, Env, and R/W	Federal – OBAG	\$600,000
PS&E, Env, and R/W	Local – City Streets Fund	\$24,033
PS&E, Env, and R/W	Federal – Earmark	\$37,000
PS&E, Env, and R/W	Federal – ARPA	\$57,705
PS&E, Env, and R/W	Local – City Measure T	\$898,902
<u>Design Subtotal</u>		<u>\$1,617,640</u>
Construction	Local – City Measure T	\$1,958,000
Construction	State - ATP	\$11,819,000
<u>Construction Subtotal</u>		<u>\$13,777,000</u>
<u>TOTAL</u>		<u>\$15,394,640</u>

Schedule



Recommended Actions

- Receive Healdsburg Avenue Complete Streets Project Design Update
- Confirm Council Support to Proceed with Environmental Clearance and Final Design



Questions



Public
Comment

Comentarios
del público

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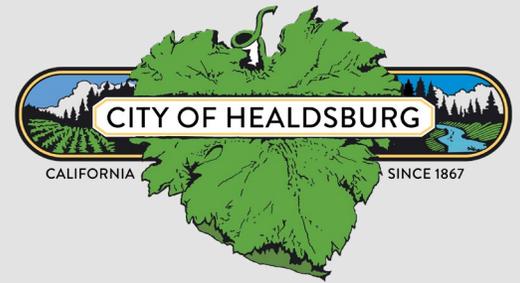
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Identification of Three Priorities for Consideration by the Mayors' and Councilmembers' Association

City Council, May 05, 2025





Recommended Action

Provide direction to Mayor Mitchell regarding three City of Healdsburg priorities for discussion at the Mayors' and Councilmembers' Association Board Meeting on May 22, 2025.



Background

Healdsburg is a member of the Sonoma County Mayors' and Councilmembers' Association. Its primary purpose is to create a unified voice to advocate for city interests at the regional level, ensuring that key priorities are advanced through collective action.

Background

On April 10th, at the Board of Directors meeting, each City/Town Council was asked to identify three priority issues within their jurisdiction that require attention for communication to the Sonoma County Board of Supervisors.

Each City will present their priorities for consideration at the May 22 Board of Directors meeting.

Options for Consideration

1. Mental Health Services and Allocation Measure O Funds
2. Funding Homelessness Response and Project Homekey Projects
3. Emergency Preparedness
4. Water Security



Recommended Council Action

Provide direction to Mayor Mitchell regarding three City of Healdsburg priorities for discussion at the Mayors' and Councilmembers' Association Board Meeting on May 22, 2025.



Questions and Discussion



Public
Comment

Comentarios
del público

03:00

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