

Council Infrastructure Committee Meeting

4/28/2021

Presentations

**Item 2: ACT 21-031 Main Street Complete Streets
Update**



Council Infrastructure Committee Meeting

Main Street Complete Streets Update

4/28/21

Public Works Department





Main Street Complete Streets - CIC Meeting

- Review updated cost estimate and scope reduction options for Concept 1
- Review recommended design alternatives from members of the public
- Status update on the contract with our selected design consultant
- Recommendation & Next Steps
- Questions & Discussion

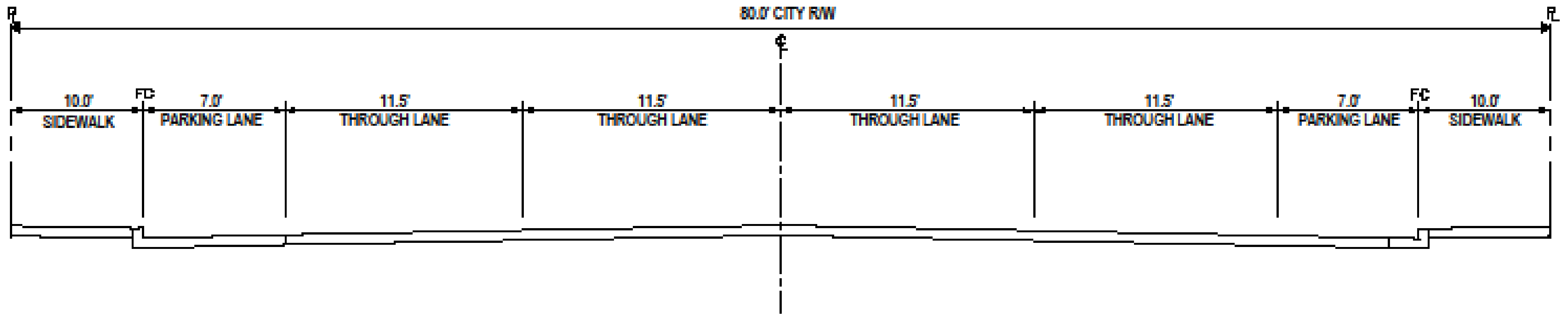


Main Street Complete Street – Public Meetings & Outreach

- July 24, 2017 CIC meeting, staff presented 3 design concepts to the committee and public for feedback and comments.
- January 22, 2020 CIC meeting, staff re-introduced the 3 design concepts to the committee and public for feedback and comments.
- February 26, 2020 meeting with **Fire and Police** department to review 3 design concepts and receive feedback.
- June 22, 2020 Virtual Community meeting, staff reviewed 2 design concepts (1 & 2) with public for feedback and comments.
- June 22, 2020, received design concept feedback and bus stop design recommendations from **AC Transit** in favor of Concept 1.
- July 15, 2020 Downtown Hayward Improvement Association meeting, staff reviewed 2 design concepts (1 & 2) with the association for feedback and comments.
- July 22, 2020 CIC meeting, staff presented design alternatives from members of the public and staff analysis and reviewed design concepts 1 & 2 for feedback from the CIC members and public. Committee narrowed it down to Concept 1 with exceptions.
- October 28, 2020 CIC meeting, staff presented an updated project cost estimate and alternative scope of work to the CIC and public for feedback and comments.



Main Street Complete Street – Existing Cross Section



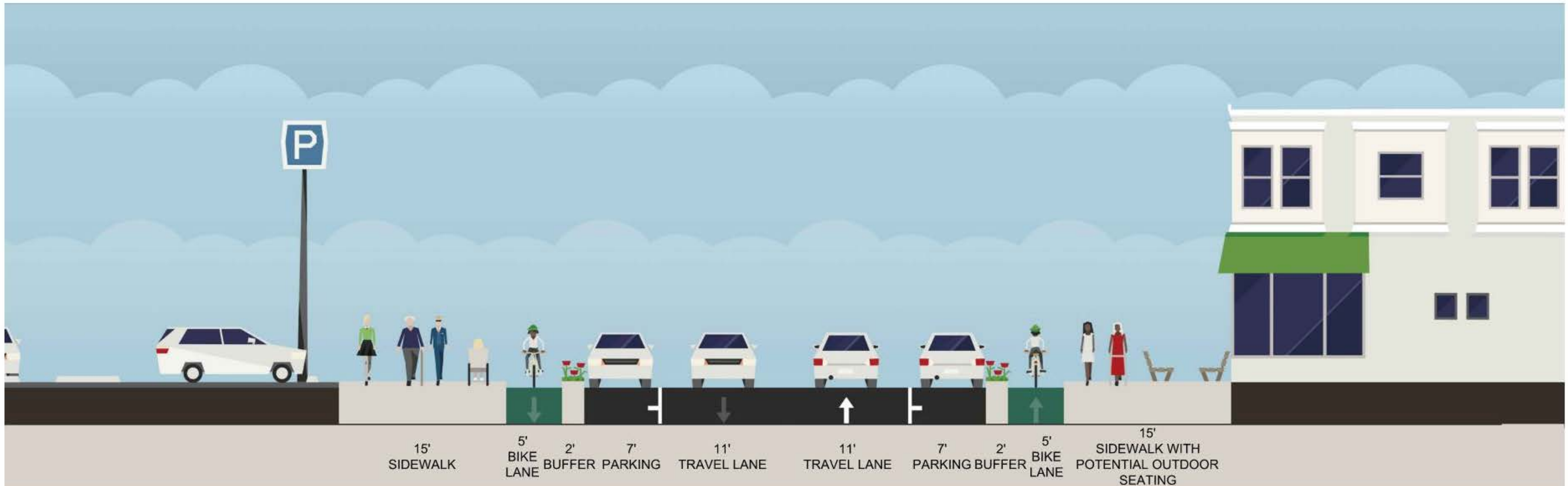
EXISTING CROSS SECTION FOR MAIN STREET

NOT TO SCALE



Main Street Complete Streets – CIC Meeting Concept 1

PROPOSED CROSS SECTION



NOTE: CROSS SECTION IS BETWEEN A STREET AND B STREET.



Main Street Complete Streets – CIC Meeting Cost Estimates & Cost Reduction Alternative

Alternative	Project Limits	Construction Cost	Construction Cost with 10% Contingency	Total Project Cost with 10% contingency and design, surveying, inspection, admin
Grant	D Street to McKeever Ave - Construction Costs (2016 Grant Application Estimate - No bike barrier, greer infrastructure, roadway rehab and excavation, re-use old sidewalk	\$1,559,726	\$1,715,699	\$2.25M
Updated	D Street to McKeever Ave - Construction Costs (With roadway rehab, green infrastructure)	\$4,029,910	\$4,432,901.0	\$5.1M
1	D Street to McKeever Ave - Construction Costs (With road pavement rehab, green infrastructure and reduce scope of improvements on Main Street from McKeever Ave to A Street	\$2,540,665	\$2,794,731.50	\$3.5M

Funding Summary	
OBAG Grant	\$1.7 Million
City of Hayward Contribution	\$550,000
<u>Safe Routes for Seniors</u>	<u>\$1.0 Million</u>
Total Funds Available	\$3.25 Million



Main Street Complete Streets - CIC Meeting Site Plan

Alternative 1 – Reduce scope of improvements: A Street to McKeeper Ave

C St



Maple & Main Development

A St

B St

McKeeper Avenue

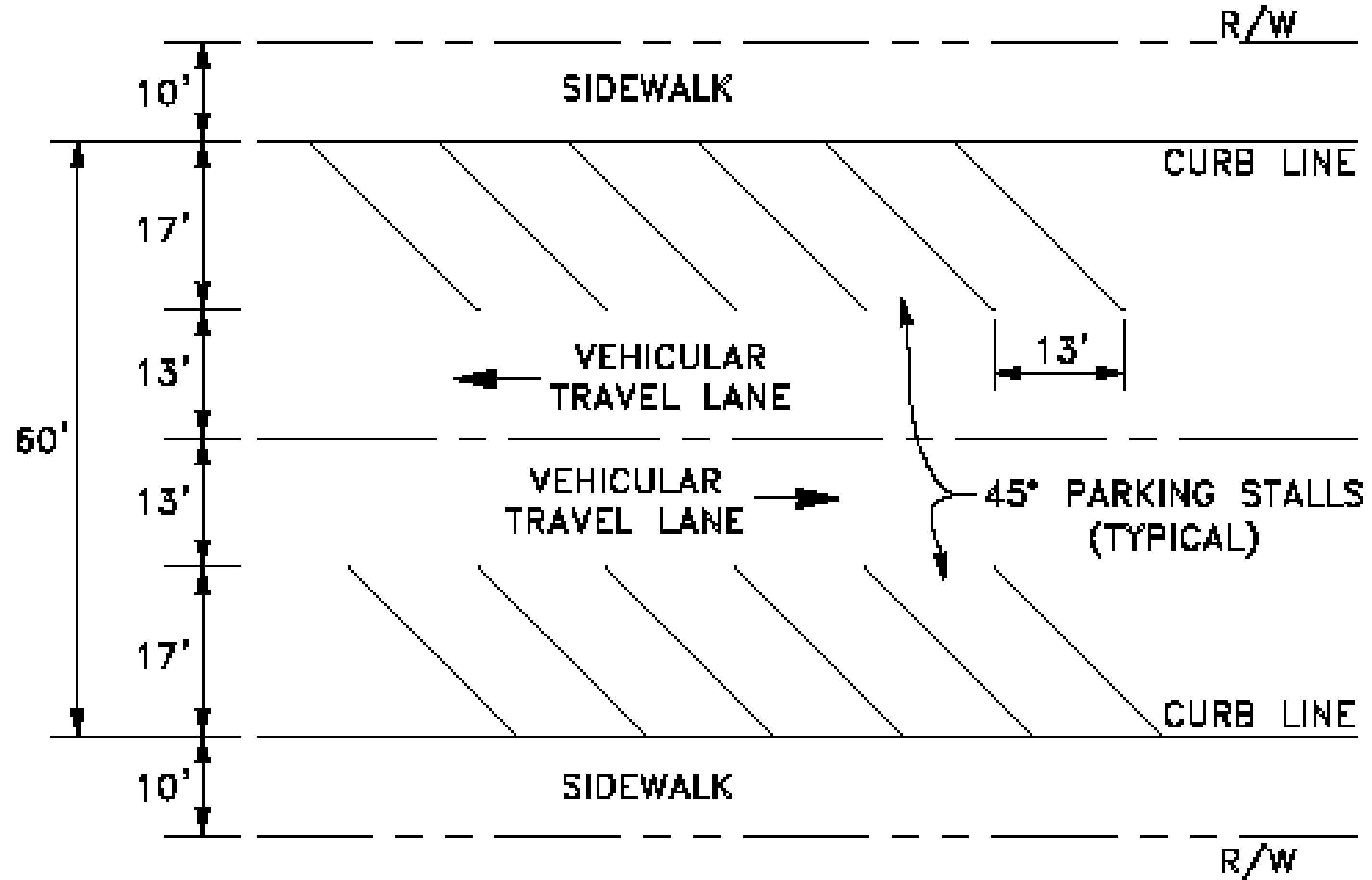
D Street

Safe Routes for Seniors Improvement project locations - \$1M Budgeted



Main Street Complete Street – CIC Meeting

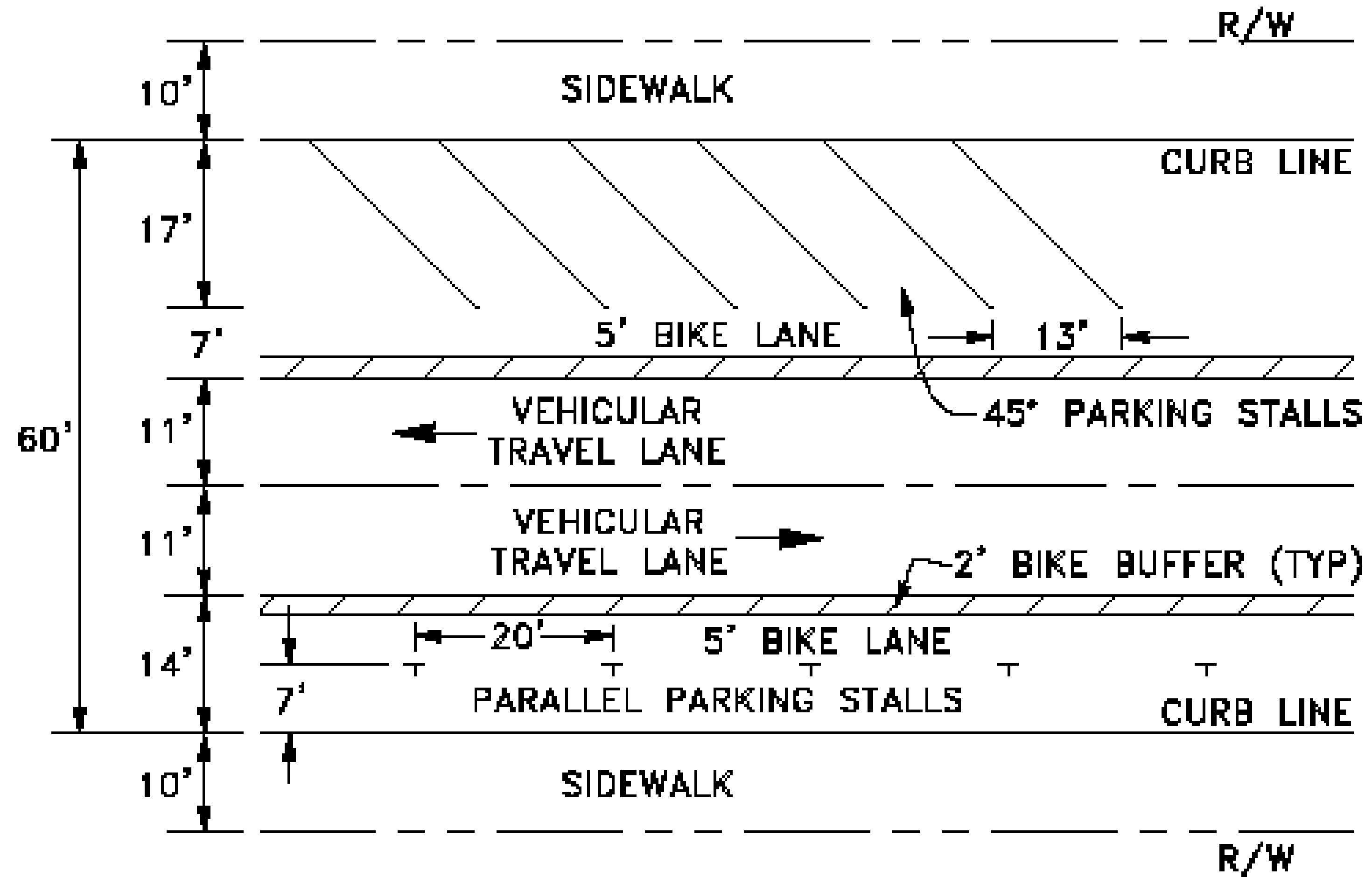
Diagonal Parking on Both Sides





Main Street Complete Street – CIC Meeting

Diagonal Parking on One Side





Main Street Complete Streets – CIC Meeting

Recommendations

-Staff recommends the Committee provide feedback on Concept 1, the scope reduction alternative, and the design alternatives recommended by members of the public.

Next Steps

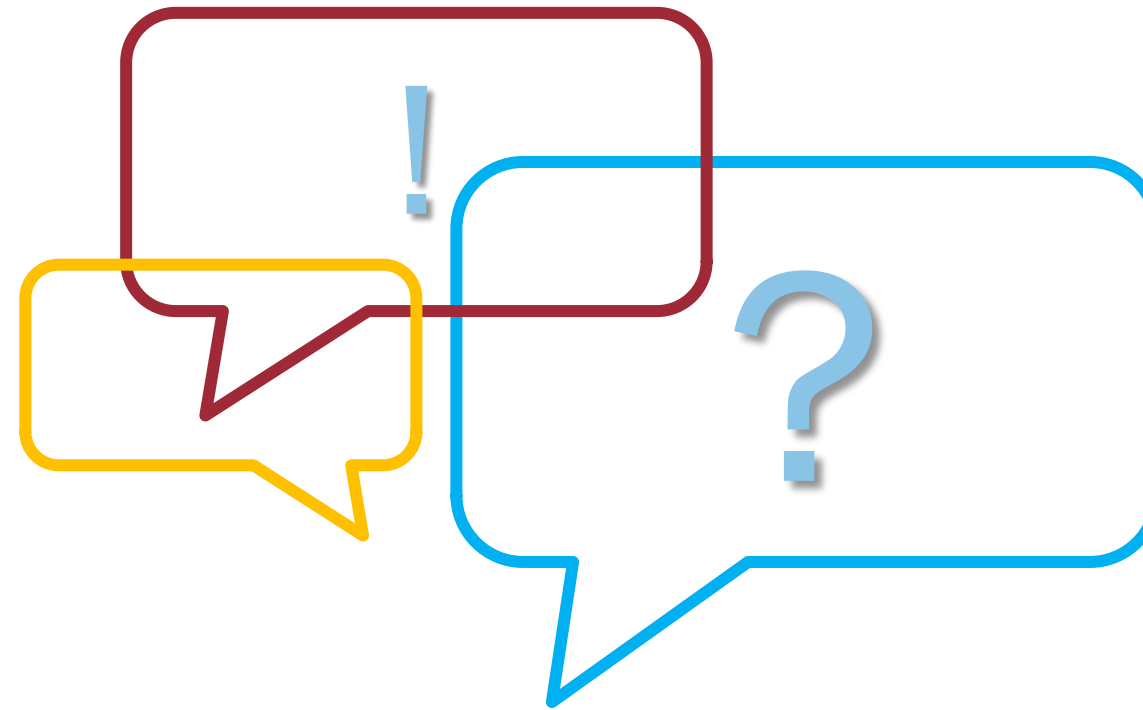
-Continue to provide regularly scheduled project updates to the CIC on construction costs and scope of work

-Kick-off design consultant on topographic survey of the project area to aid in the preparation of plans and conceptual design alternatives

-Work with the design consultant to gather additional feedback from all stakeholders and provide design alternatives that will incorporate community feedback while maintaining the goals of the complete street program.



Main Street Complete Streets – CIC Meeting



Questions & Discussion

Item 3. ACT 21-038 Safe Routes for Seniors Program



**SAFE ROUTES FOR SENIORS (SR4S)
PROJECT**
COUNCIL INFRASTRUCTURE COMMITTEE MEETING
APRIL 28, 2021

Presented by Dr. Ayeh Khajouei



// Goal, Objectives, and Strategies

// Background and Community Outreaches

// Preliminary Studies

// Existing Constraints

// Recommended Modifications

// Design Renderings

// Next Steps

// Q & A



GOAL

Improving senior
safety and
walkability



OBJECTIVES

Make intersections
more safe, vibrant,
and accessible for
seniors



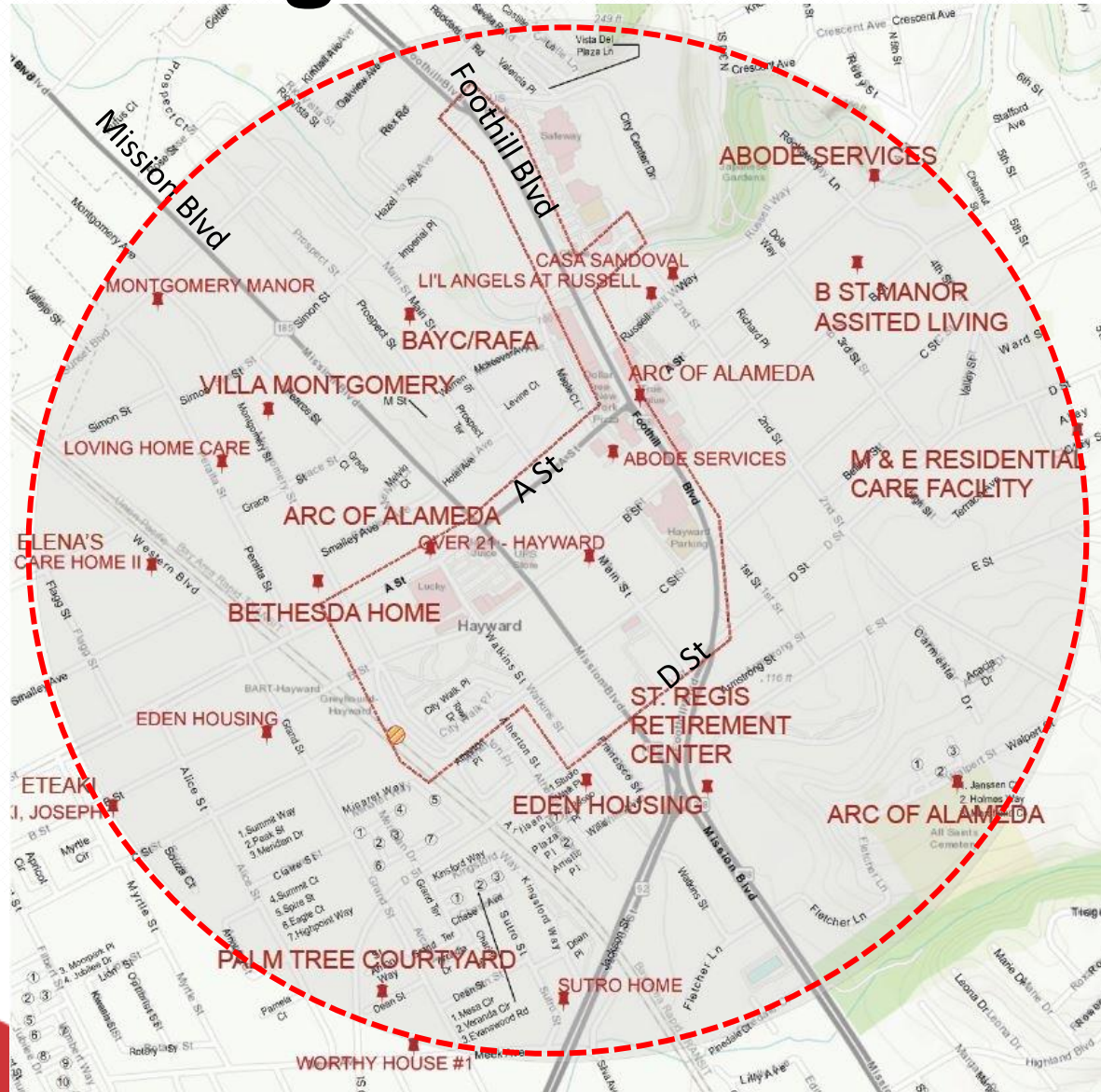
STRATEGIES

Meet and engage
Compile and investigate
Collect and analyze
Field visit verification
Improvement implementation

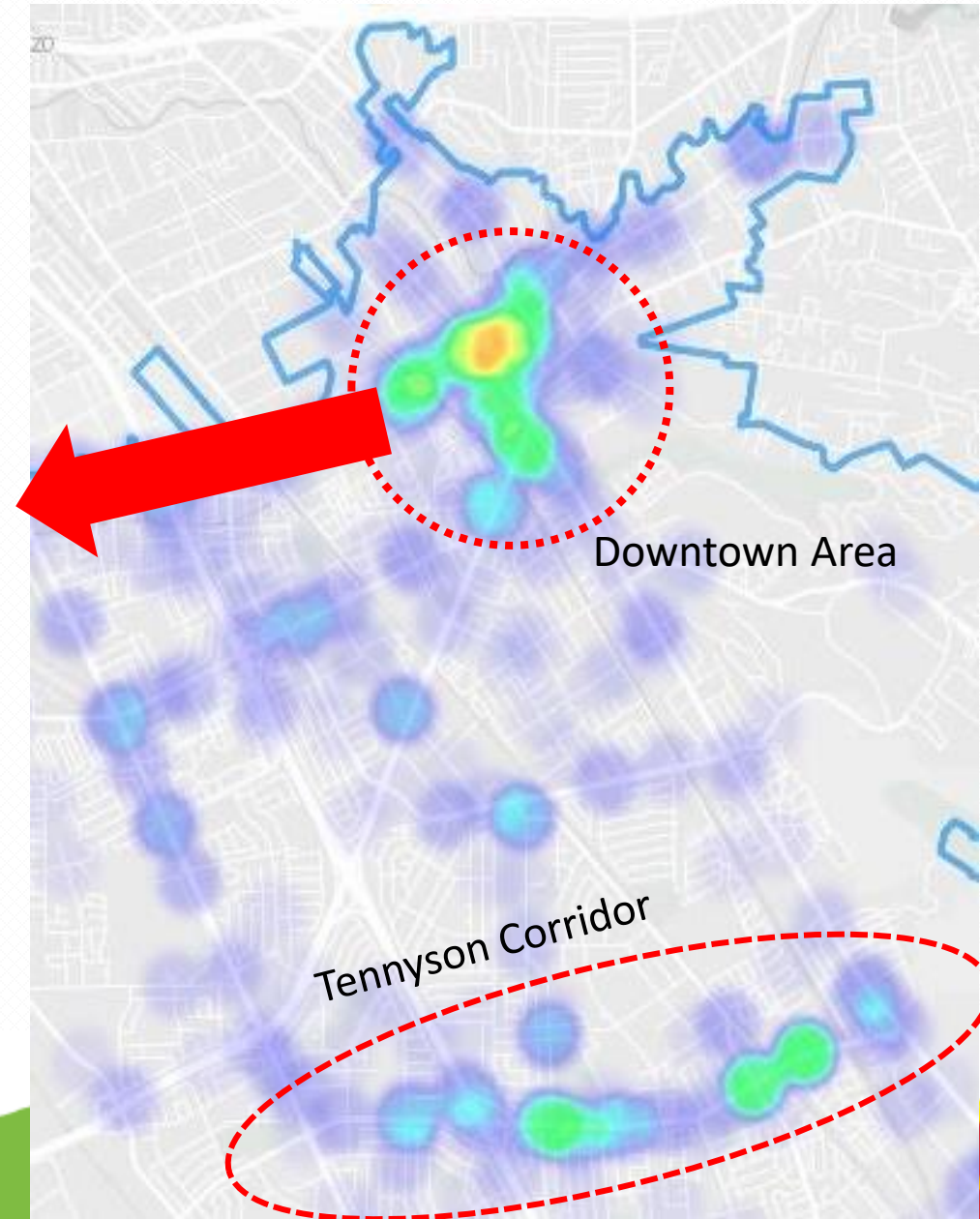


- 
- // Goal, Objectives, and Strategies
 - // **Background and Community Outreaches**
 - // Preliminary Studies
 - // Existing Constraints
 - // Recommended Modifications
 - // Design Renderings
 - // Next Steps
 - // Q & A

Background



Senior Facilities in Half-Mile Radius Distance from Downtown



Downtown Area

Tennyson Corridor

Public Outreach

First and Second Community Meetings

SAFE ROUTES FOR SENIORS

TUESDAY
JULY 2

11 AM - 12 PM

Hayward Senior
Apartments
568 C Street
Hayward, 94541

This event is open to "Hayward Senior Apartment" and "Eden Housing" residents only.

Hosted by
City of Hayward
Public Works & Utilities



WE WANT TO
KNOW MORE ABOUT
YOUR EXPERIENCE
WALKING IN
DOWNTOWN
HAYWARD



SAFE ROUTES FOR SENIORS

THURSDAY
JUNE 27

11 AM - 12 PM

Hayward Area Senior
Center - Japanese Garden
22325 N 3rd St.
Hayward, 94546

This event is open to all of the senior residents who live close to Downtown Hayward.

Hosted by
City of Hayward
Public Works & Utilities



WE WANT TO
KNOW MORE ABOUT
YOUR EXPERIENCE
WALKING IN
DOWNTOWN
HAYWARD



Public Outreach

First and Second Community Meetings

SAFE ROUTES FOR SENIORS



Name:
Gender:

1. How old are you? 2. How often do you use transit?

- | | |
|-----------------------------------|---------------------------------------|
| <input type="checkbox"/> Under 20 | <input type="checkbox"/> All the time |
| <input type="checkbox"/> 21 to 40 | <input type="checkbox"/> Sometimes |
| <input type="checkbox"/> 41 to 60 | <input type="checkbox"/> Never |
| <input type="checkbox"/> 61+ | |

3. Where do you live?

- In Hayward, within 0.5 miles of Downtown
 In Hayward, further than 0.5 miles of Downtown
 Other

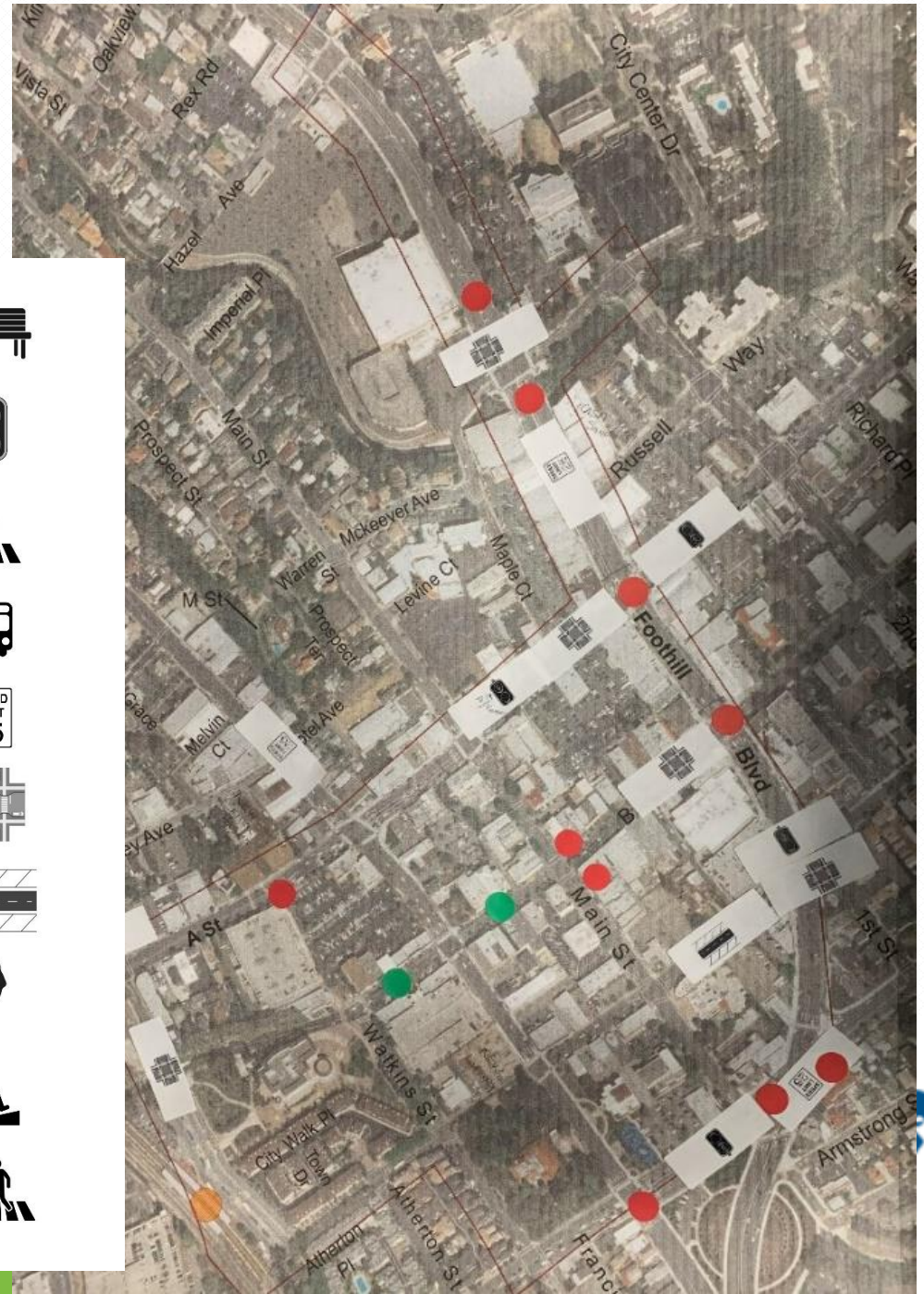
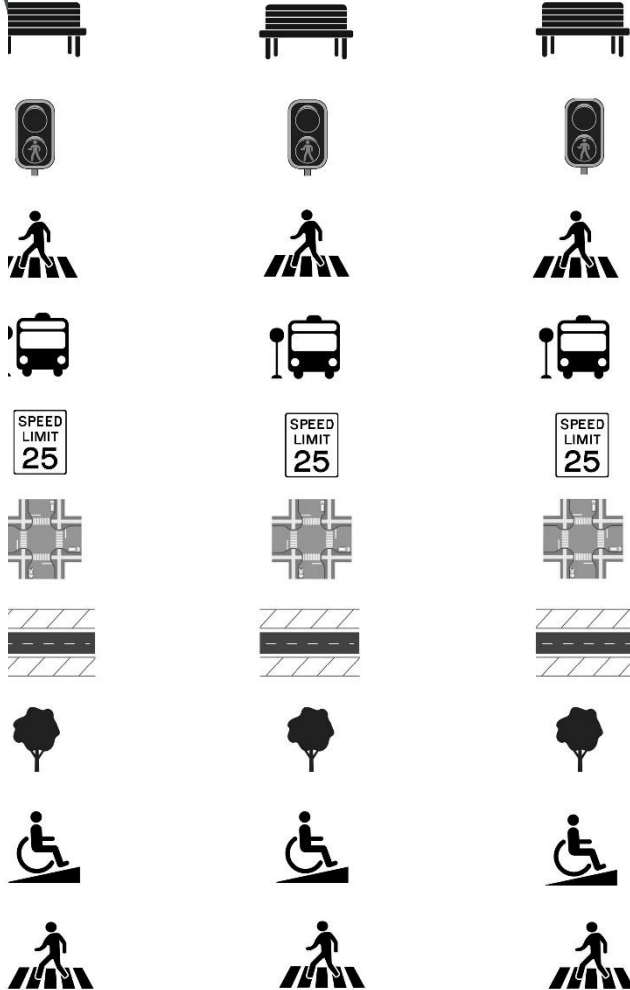
4. How often do you visit the Downtown Hayward?

- Rarely (less than once per month)
 Sometimes (1 to 3 times per month)
 Regularly (once per week or more)

5. Please describe your level of comfort walking in the Downtown Hayward.

- Comfortable
 Slightly comfortable
 Uncomfortable
 Extremely uncomfortable

6. What street do you typically walk in the Downtown Hayward?



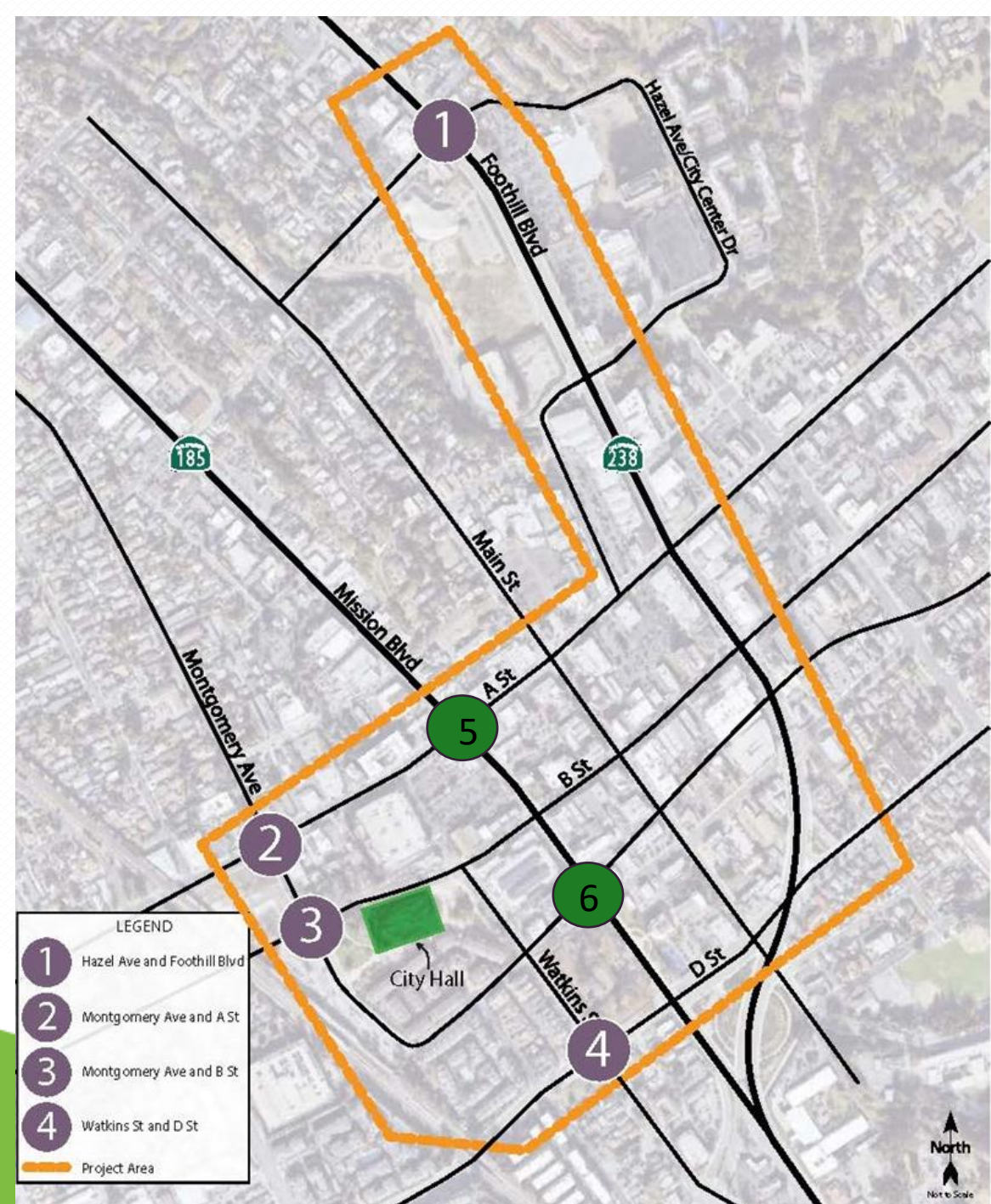
Top Concerns from Public

- Intersection Crossing
- Speeding
- ADA Accessibility Ramps
- Safety
- Pedestrian Signals



Selected Intersections

1. Foothill Blvd./Hazel Ave.-City Center Dr.
2. A Street/Montgomery Ave
3. B Street/Montgomery Ave.
4. D Street/Watkins Ave.
5. A St and Main St.
6. C St and Main St.

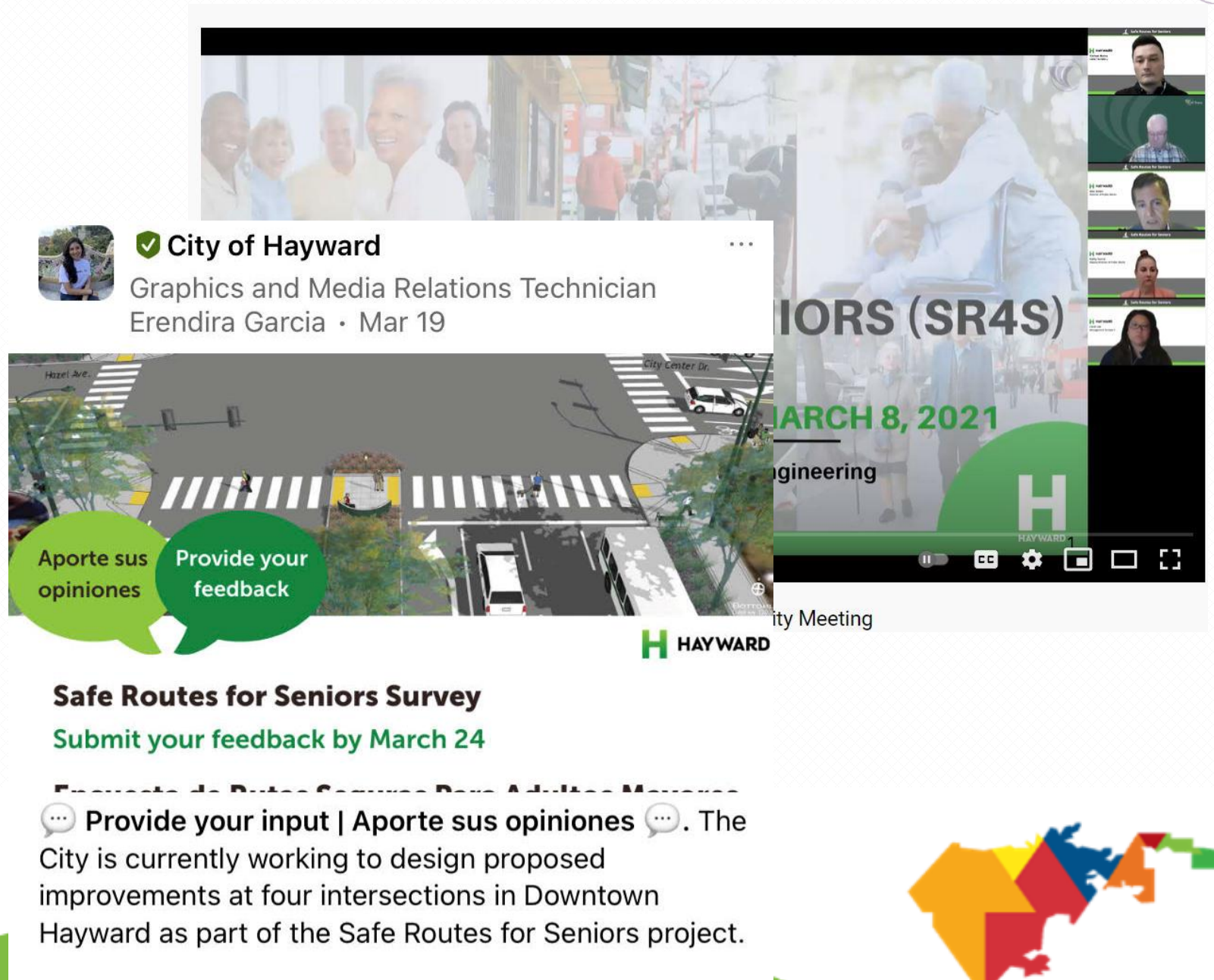


Public Outreach

Third Community Meeting

Meeting Notifications:

- Mailing list
- City Website
- Flyers Sent to Senior Facilities
- Nextdoor
- Facebook
- Instagram
- Twitter



The image is a screenshot of a Facebook post from the City of Hayward. At the top, there is a video player showing a group of diverse people smiling. Below the video, the post is from 'City of Hayward', a verified page, with the profile picture of a woman. The post text reads: 'Graphics and Media Relations Technician Erendira Garcia · Mar 19'. The main image of the post is a 3D architectural rendering of a street intersection with crosswalks and trees. Two green speech bubbles are overlaid on the image, containing the text 'Aporte sus opiniones' and 'Provide your feedback'. Below the image, the text reads: 'Safe Routes for Seniors Survey', 'Submit your feedback by March 24', and 'Encuesta de Datos Seguro Para Adultos Mayores'. At the bottom, it says 'Provide your input | Aporte sus opiniones'. The City of Hayward logo is visible in the bottom right corner of the post. To the right of the Facebook post, there is a vertical strip showing a video conference interface with several participants' video thumbnails. The text 'IORS (SR4S)' and 'MARCH 8, 2021' is visible on the video player. At the bottom right of the entire image, there is a colorful map of the City of Hayward.


Public Outreach

Third Community Meeting


Online Survey Monkey and the Project Emails

6. How safe and comfortable do you feel crossing at each of these intersections? 

	1 = very comfortable	2	3	4	5 = I avoid this intersection
Foothill Blvd / Hazel Ave-City Center Dr	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A Street / Montgomery Ave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B Street / Montgomery Ave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D Street / Watkins Dr	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

7. If you find it difficult to cross at these intersections, which of the following are problems for you? (1 = not a concern, 5 = significant problem) 

	1 = not a concern	2	3	4	5 = significant problem
Not enough time to cross the street	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Turning vehicles don't yield to pedestrians	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Curb ramps don't line up with crosswalks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Crosswalks are too long	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Questions 8 through 11 include images of what the 4 intersections look like today and the proposed changes to increase safety and comfort for pedestrians. Please review these images and rate the proposed improvements below. 

8. **Foothill Boulevard/Hazel Ave.-City Center Dr. intersection:** Key features include pedestrian refuge islands, curb extensions, and curb ramps lined up with each crosswalk. Rate the proposed design on a scale of 1 to 5 (1 = strongly support, 5 = strongly oppose) and provide your comments below.

Existing



Proposed



- 
- // Goal, Objectives, and Strategies
 - // Background and Community Outreaches
 - // Preliminary studies**
 - // Existing Constraints
 - // Recommended Modifications
 - // Proposed Design Renderings
 - // Next Steps
 - // Q & A



Preliminary Study

- Existing Conditions Report (ECR)
 - Review of documents,
 - Conduct site reconnaissance
 - Topographic surveying
- Intersection Operation Analysis Report
- Corner Assessment Study
- Preliminary Cost Estimate Study



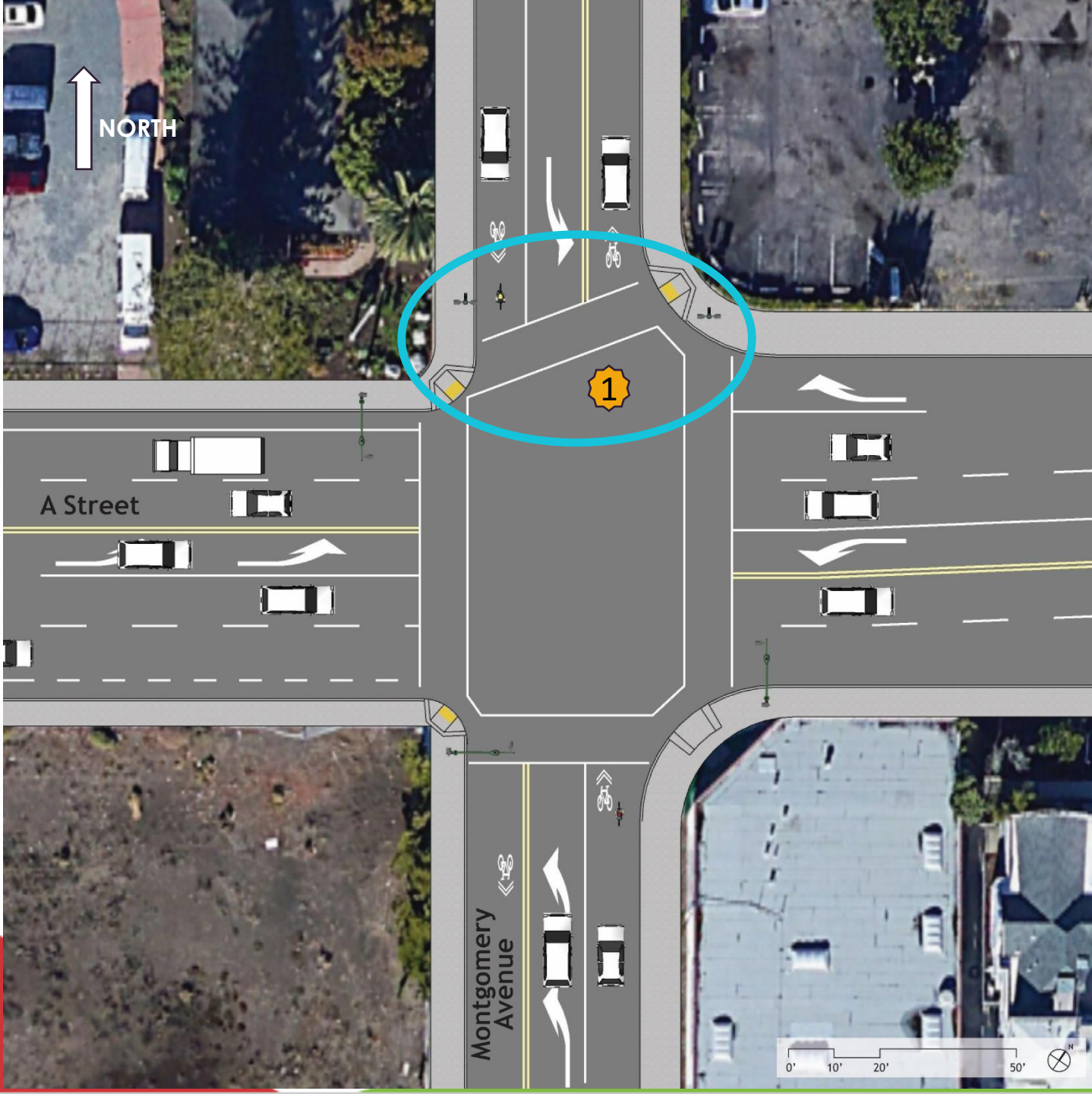
- 
- // Goal, Objectives, and Strategies
 - // Background and Community Outreaches
 - // Preliminary Studies
 - // Existing Constraints**
 - // Recommended Modifications
 - // Design Renderings
 - // Next Steps
 - // Q & A



FOOTHILL BLVD. / CITY CENTER – HAZEL

- 1 Very long crossing distances (>110 ft)
- 2 Low volume right-turn lanes
- 3 No left-turn conflicts with pedestrians

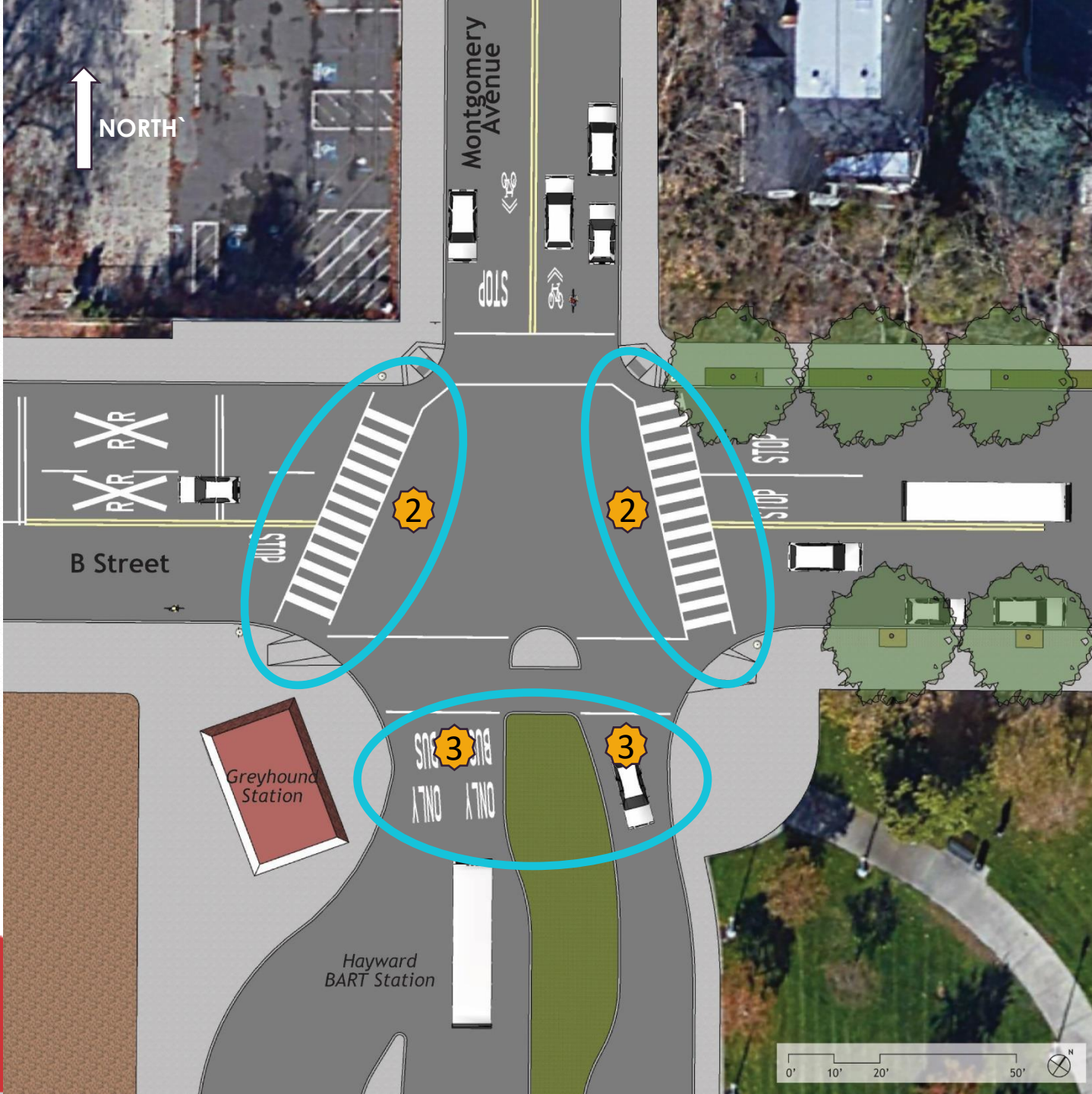




MONTGOMERY AVE / A STREET

- 1 Skewed crosswalk
- 2 Very little vehicle delay
- 3 Left-turn conflicts with pedestrians





MONTGOMERY AVE / B STREET

① All-Way Stop



② Skewed crosswalks

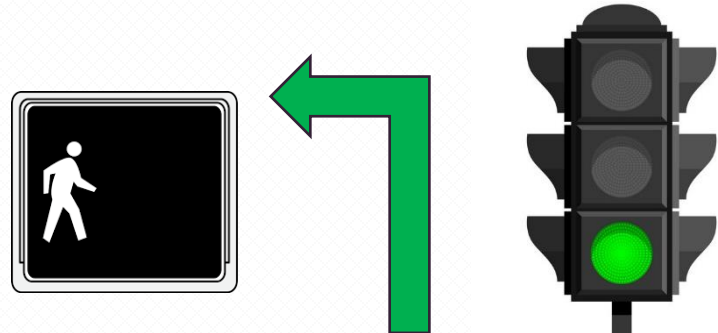
③ One-way BART entry confusing to pedestrians



WATKINS STREET/ D STREET



① Left-turn conflicts with pedestrians (North-South)



② Skewed crosswalk

③ Two to Three Lane Transition



- 
- // Goal, Objectives, and Strategies
 - // Background and Community Outreaches
 - // Preliminary Studies
 - // Existing Constraints
 - // Recommended Modifications**
 - // Design Renderings
 - // Next Steps
 - // Q & A

RECOMMENDED MODIFICATIONS

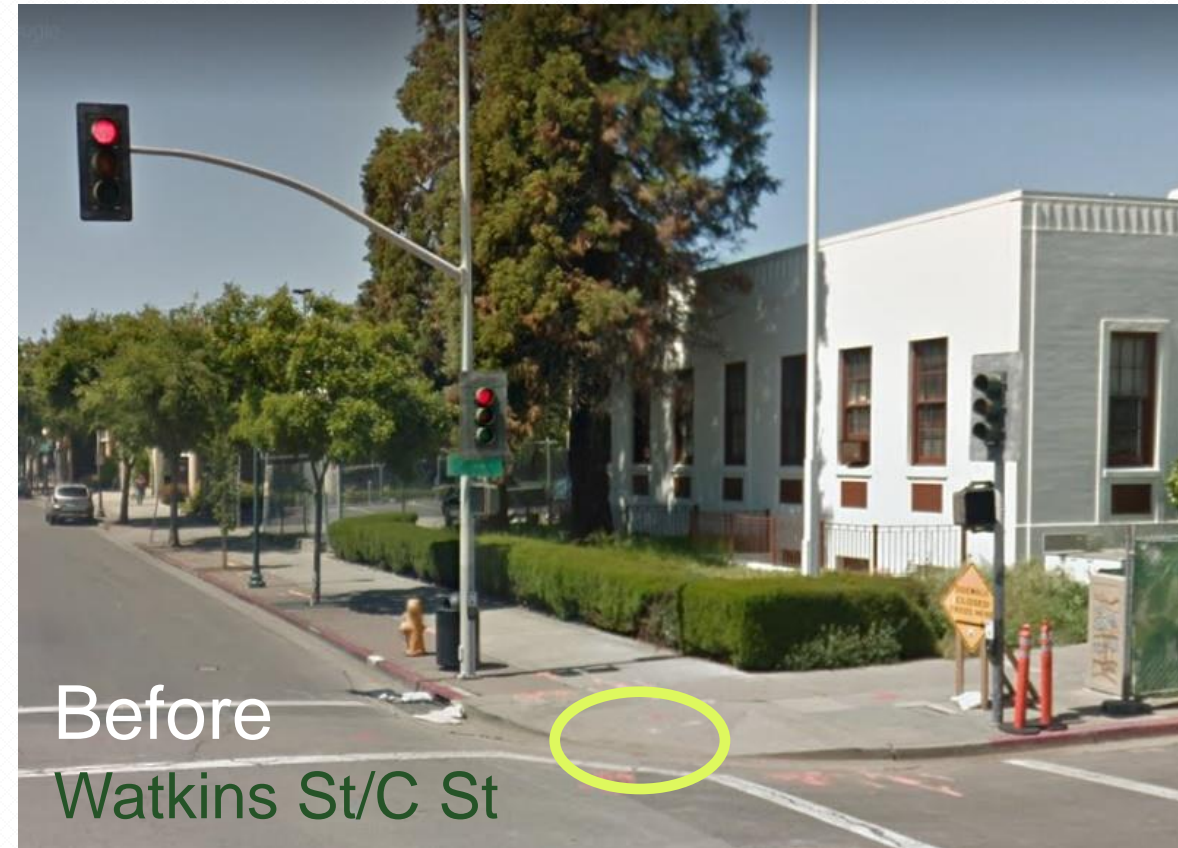
1. Geometric Changes
2. Signal Operations & Timing
3. Equipment Changes
4. Signing and Striping



1. GEOMETRIC CHANGES

- Reduce Excess Pavement
- Eliminate Low Volume Right-Turn Lanes
- Simplify Intersection Geometry
- Perpendicular Crosswalks
- Increase Visibility of Pedestrians
- Vehicle Speed Reduction





Before
Watkins St/C St



After: Bi-Directional Ramps
Watkins St/C St





Median Refuge Island

Curb Extensions



2. SIGNAL OPERATIONS & TIMING

- » Protected Left-turn Phasing
- » No Right Turn on Red During Ped Crossing
- » Lead Pedestrian Interval (LPI)
- » Adequate Crossing Time for Seniors



3. EQUIPMENT CHANGES

- Install new signal poles.
- Relocate ped push buttons poles.
- Provide larger font signage.
- Increase volume of audible pedestrian signals.
- Install larger pedestrian signal heads.



4. SIGNING AND STRIPING

- Restripe continental crosswalks
- Enhanced pedestrian warning signs.

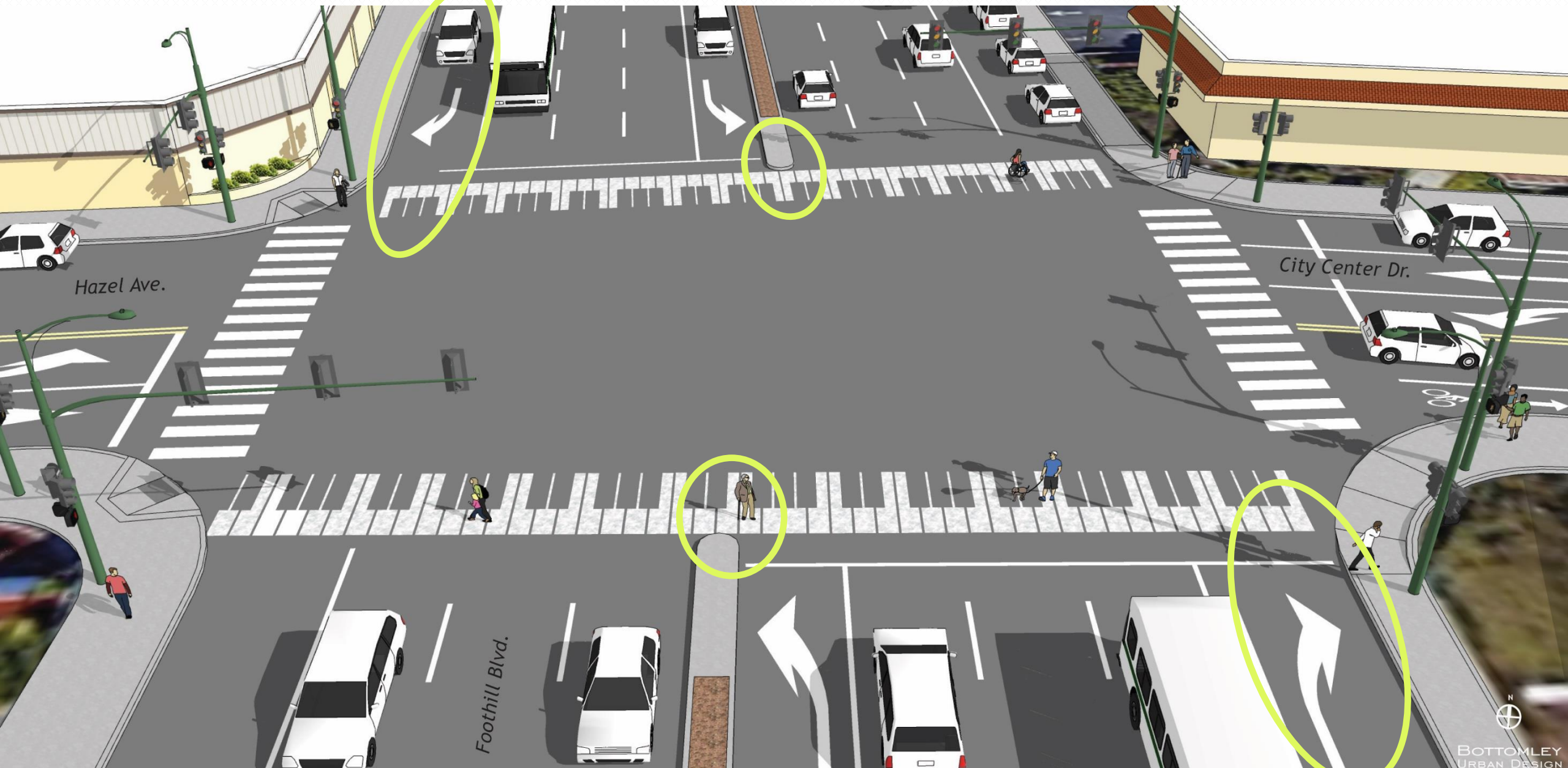


- 
- // Goal, Objectives, and Strategies
 - // Background and Community Outreaches
 - // Preliminary Studies
 - // Existing Constraints
 - // Recommended Modifications
 - // Proposed Design Renderings**
 - // Next Steps
 - // Q & A

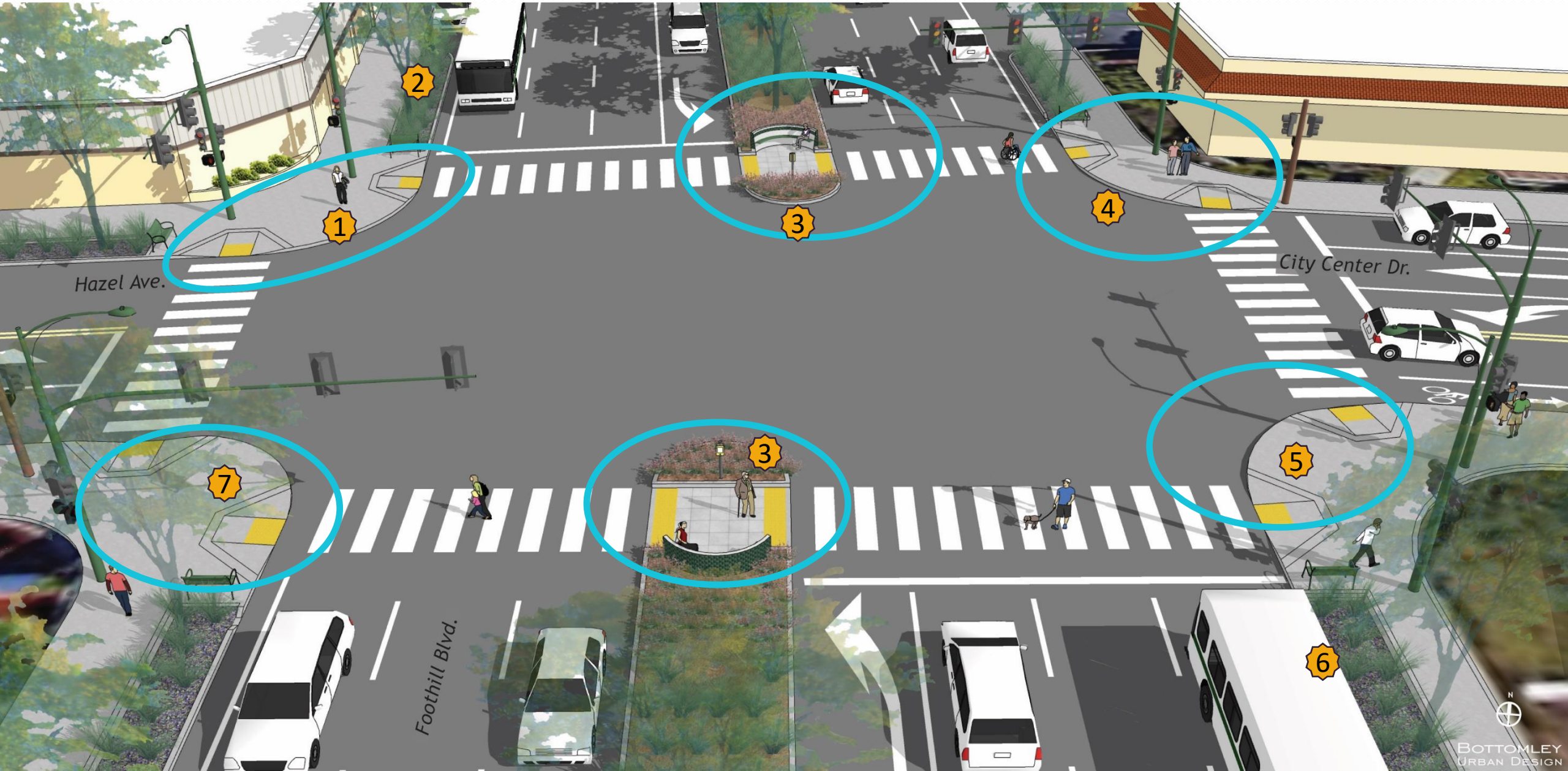
FOOTHILL BLVD. / CITY CENTER DR. – EXISTING



FOOTHILL BLVD. / CITY CENTER DR. – EXISTING



FOOTHILL BLVD. / CITY CENTER DR. – PROPOSED



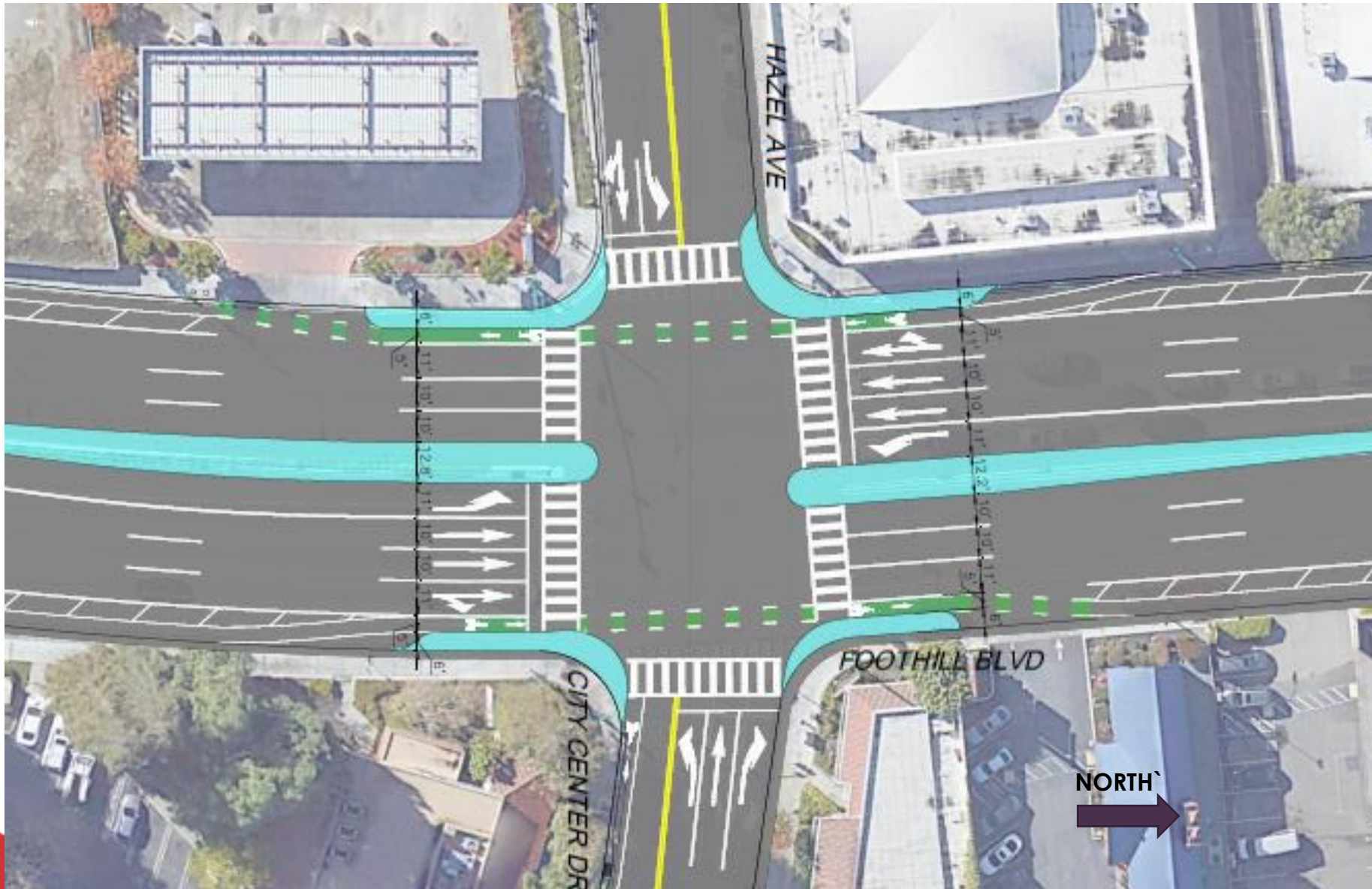
FOOTHILL BLVD. / CITY CENTER DR. – PROPOSED



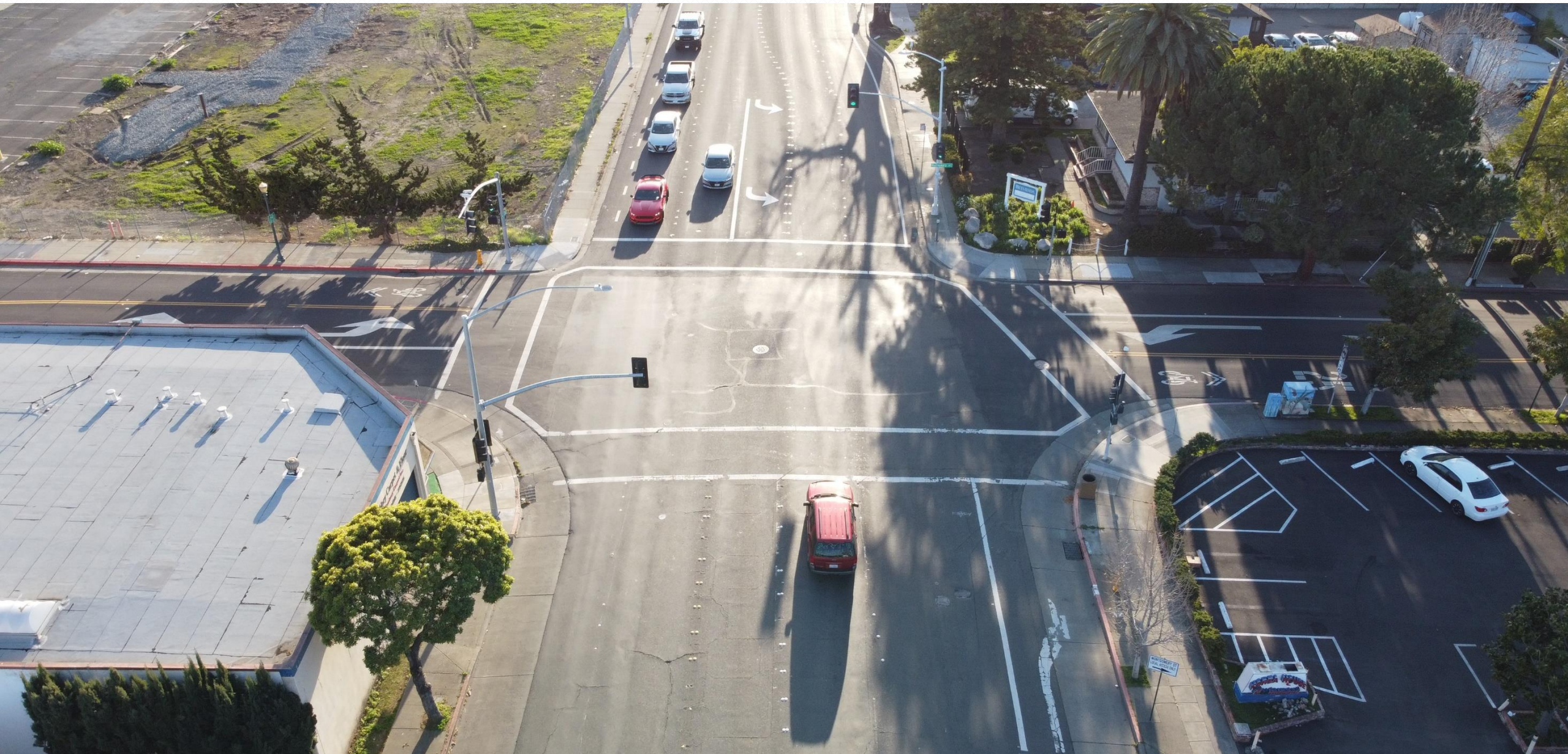
FOOTHILL BLVD. / CITY CENTER DR. – PROPOSED



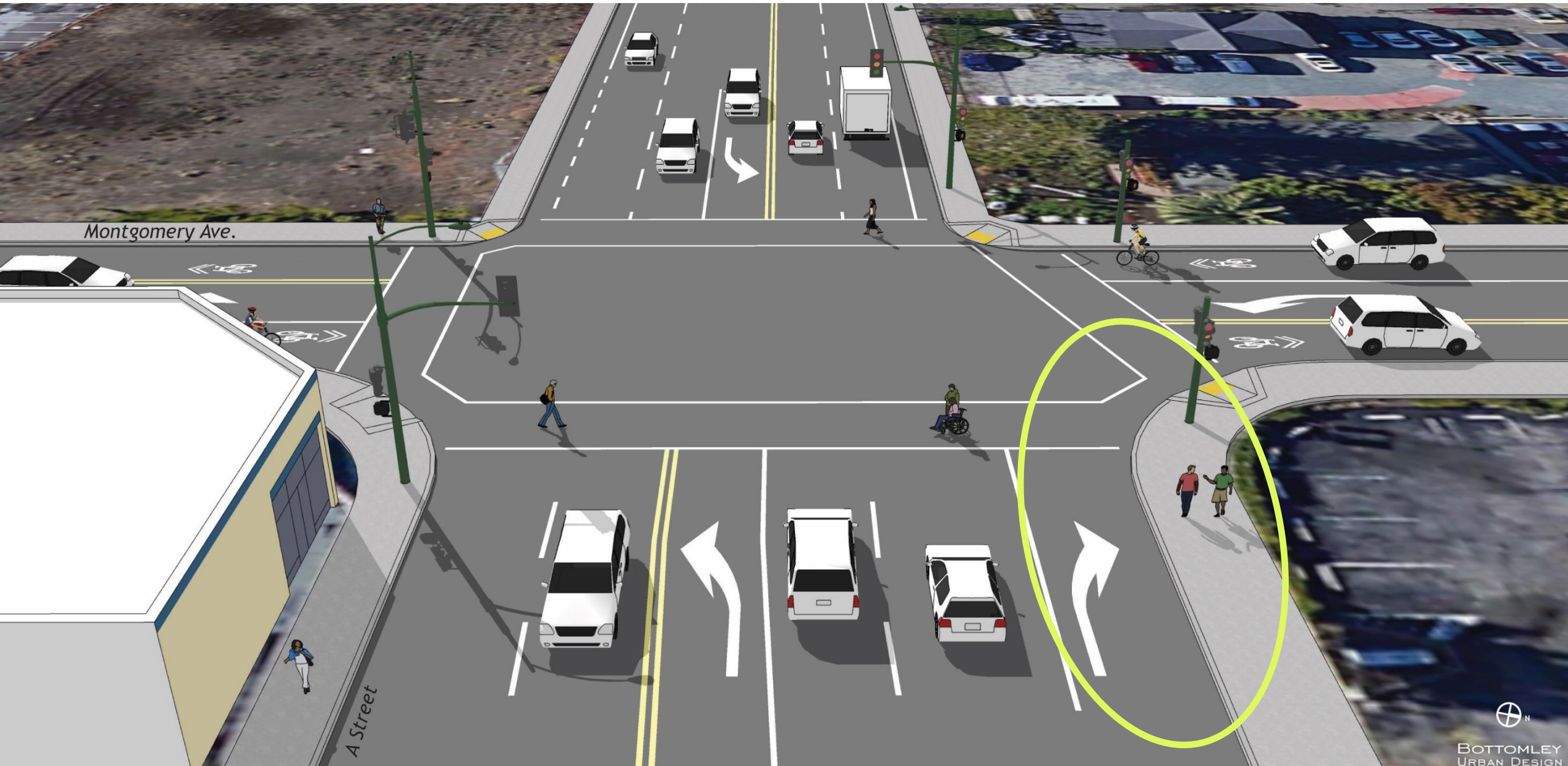
FOOTHILL BLVD. / CITY CENTER – HAZEL EXISTING



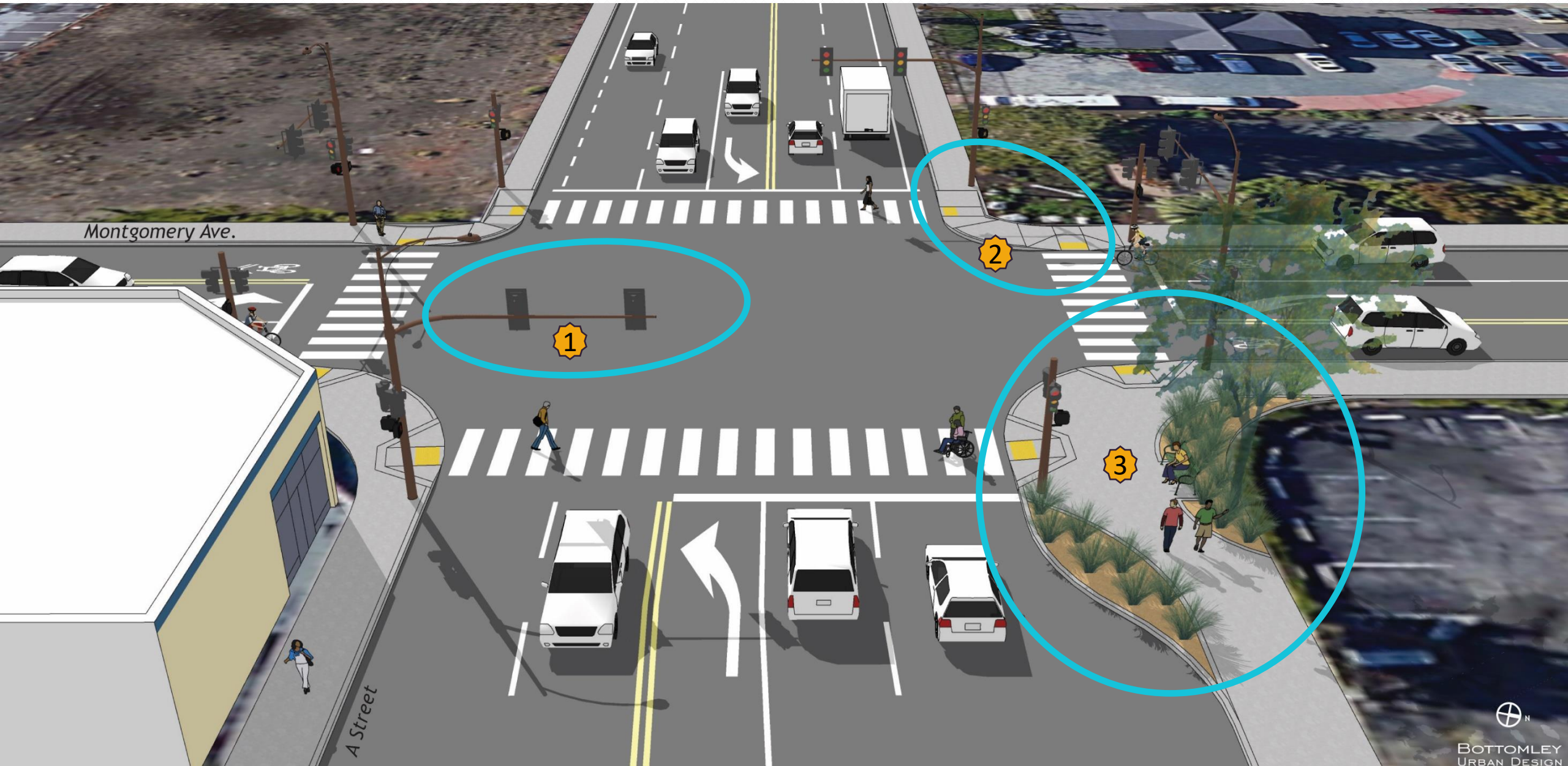
MONTGOMERY AVE / A STREET – EXISTING



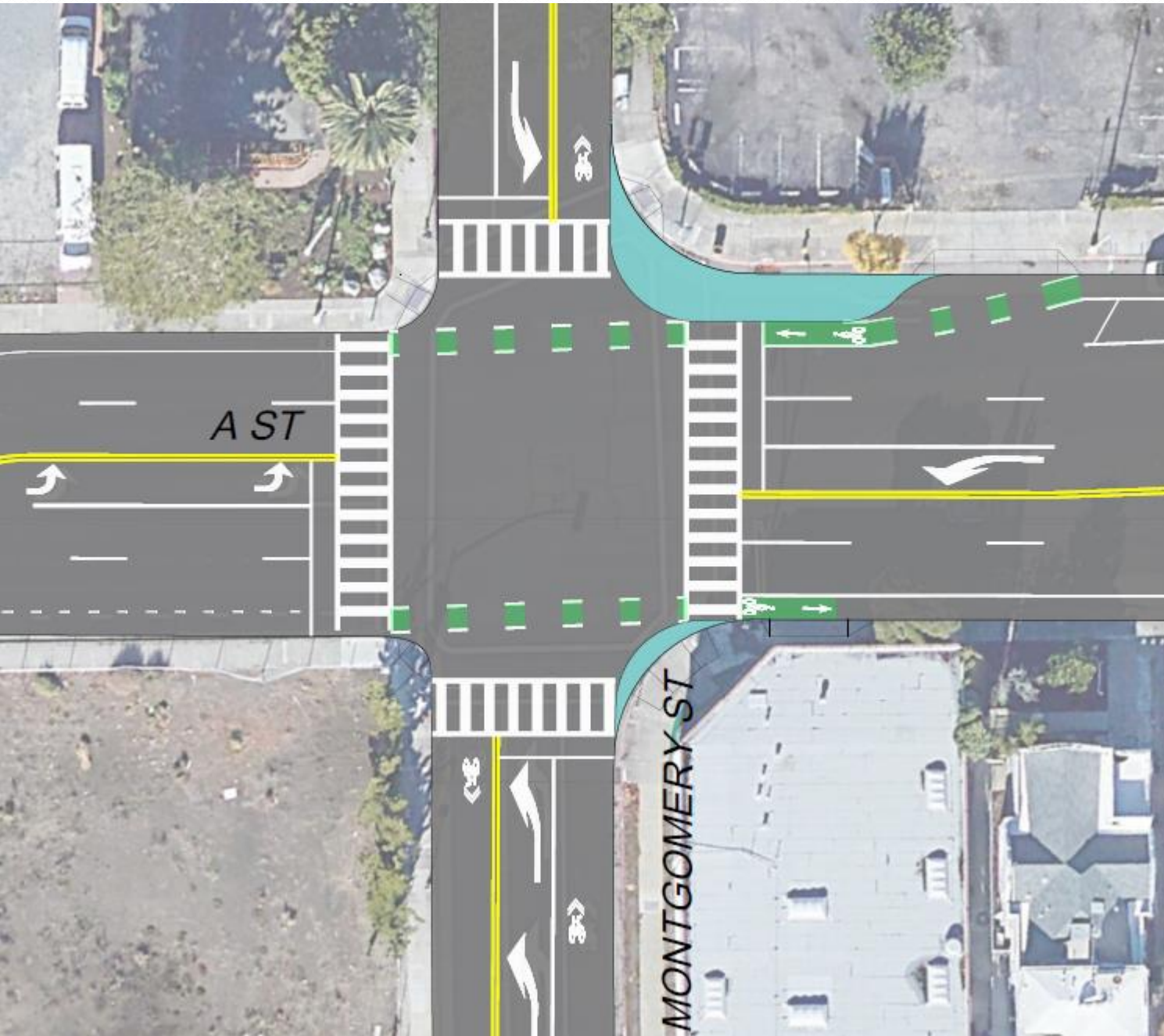
MONTGOMERY AVE / A STREET – EXISTING



MONTGOMERY AVE / A STREET – PROPOSED



MONTGOMERY AVE / A STREET – PROPOSED



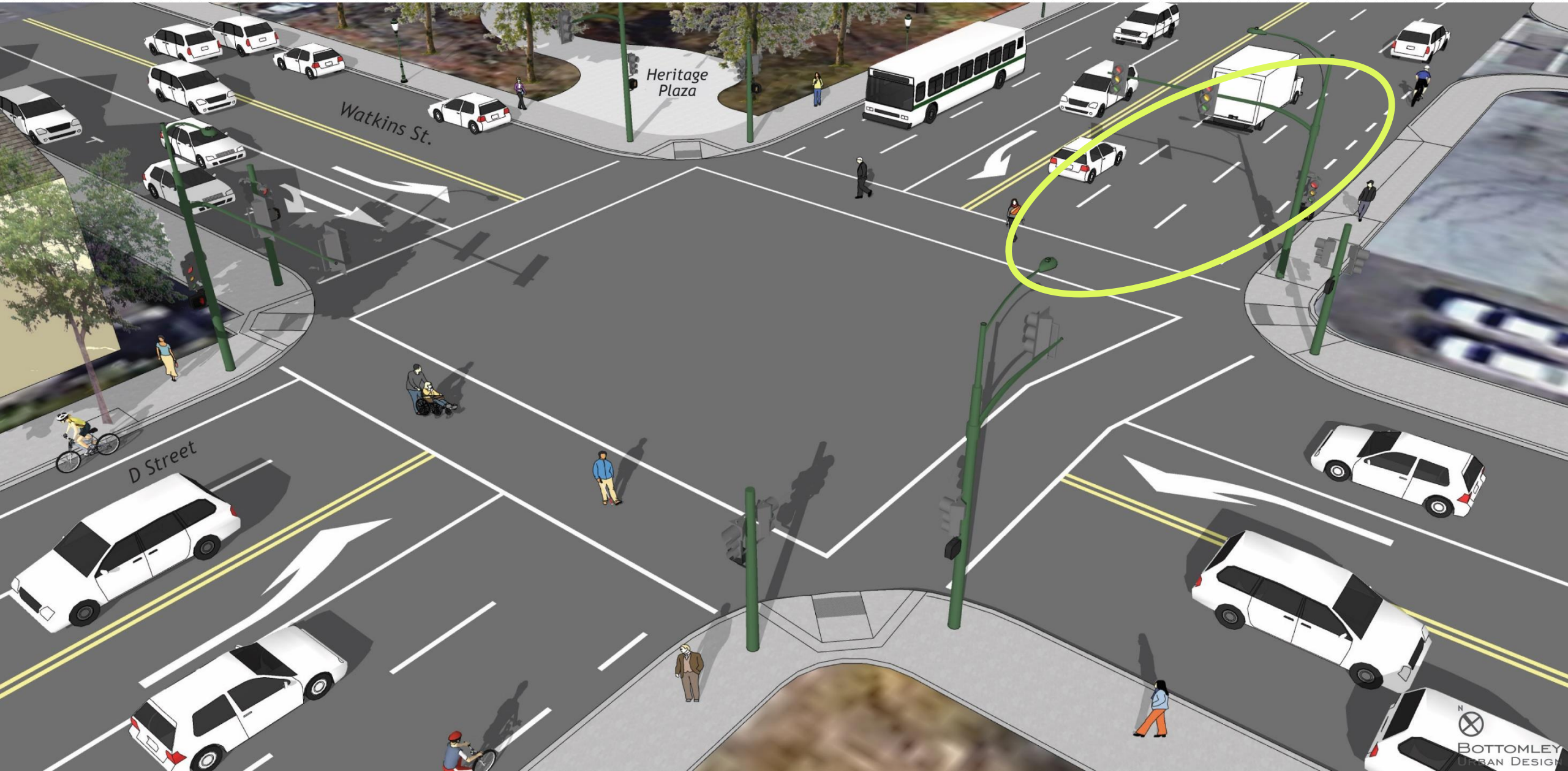
MONTGOMERY AVE / B STREET – EXISTING



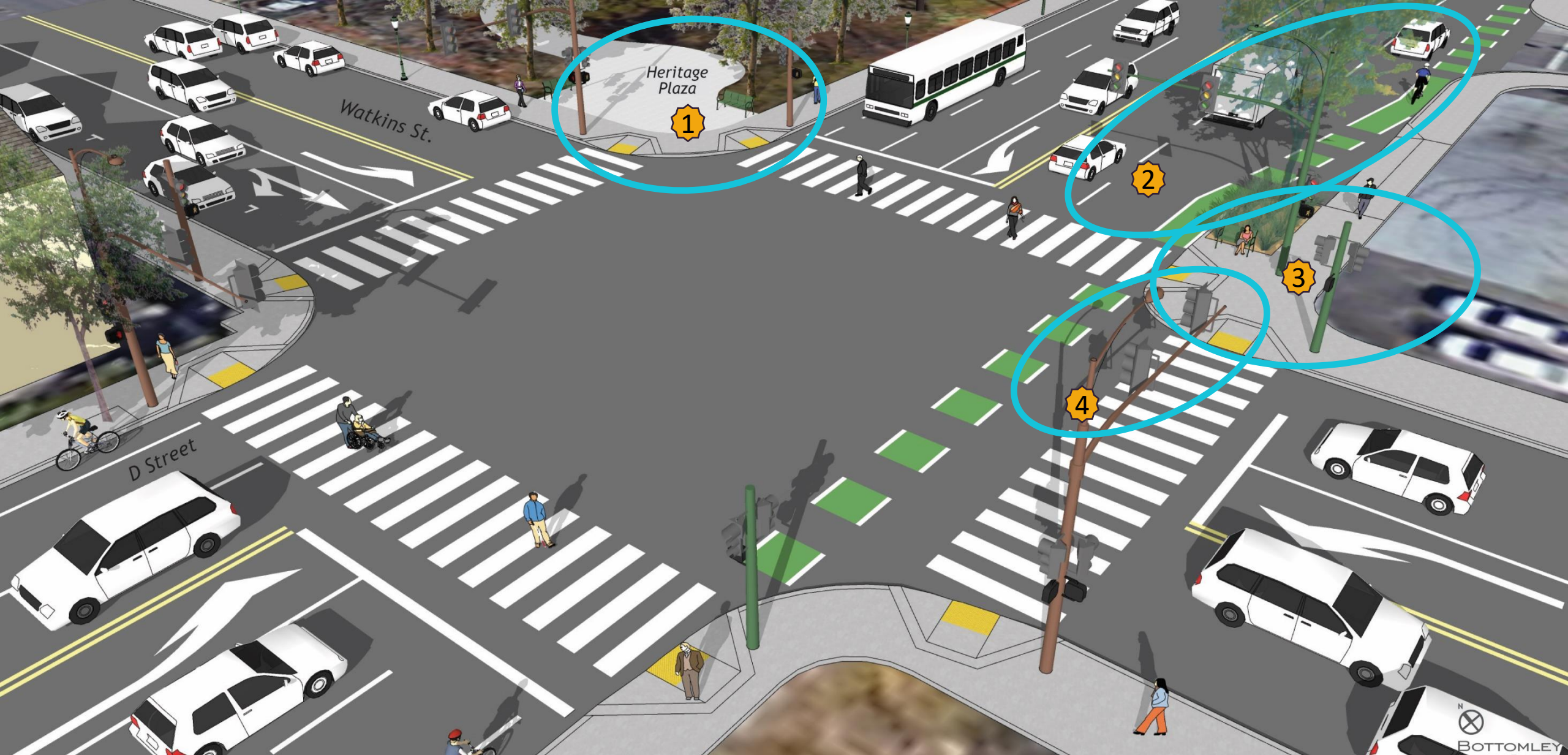
WATKINS STREET / D STREET – EXISTING



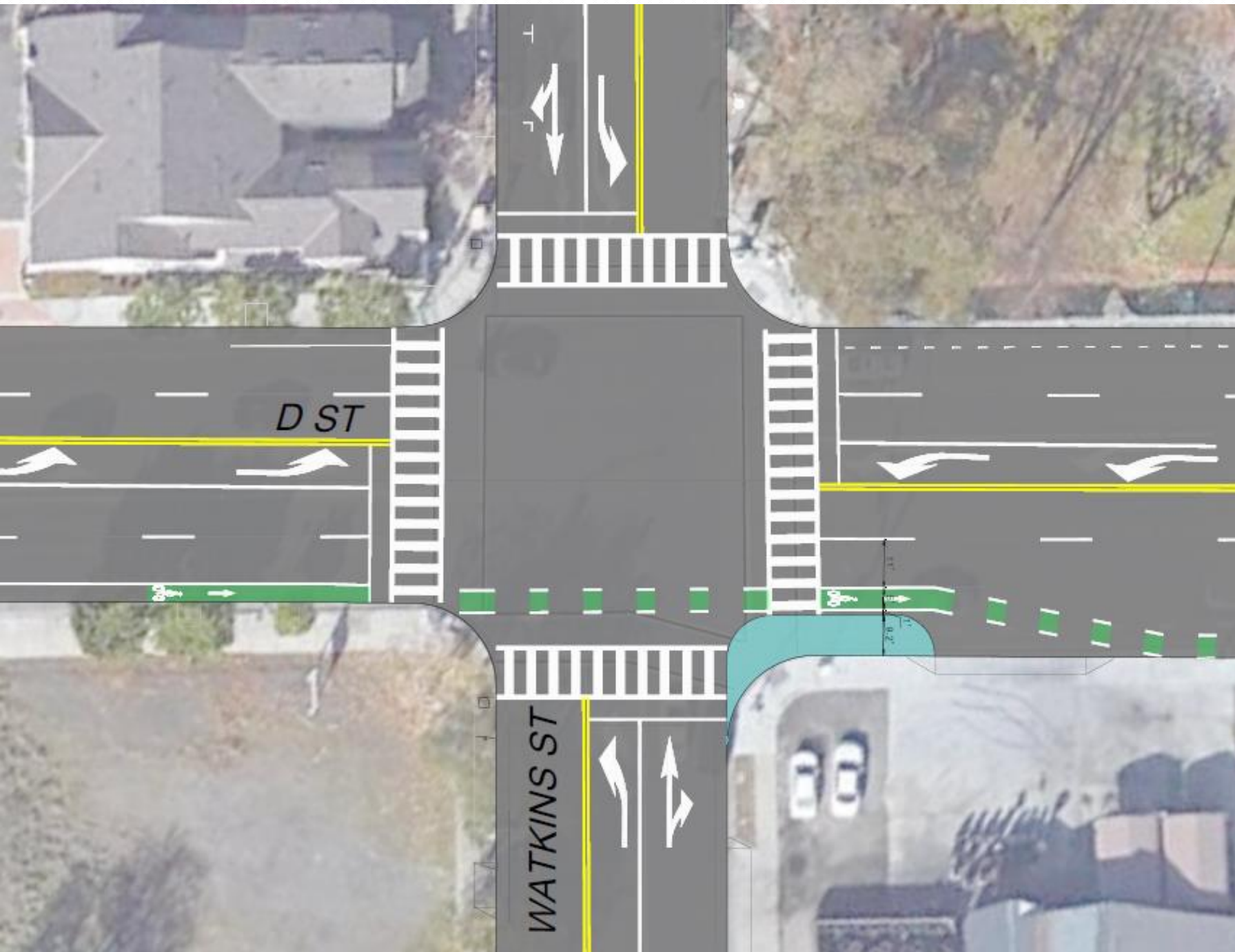
WATKINS STREET / D STREET – EXISTING



WATKINS STREET / D STREET – PROPOSED



WATKINS STREET/ D STREET – PROPSOED



- 
- // Goal, Objectives, and Strategies
 - // Background and Community Outreaches
 - // Preliminary Studies
 - // Existing Constraints
 - // Recommended Modifications
 - // Design Renderings
 - // Next Steps**
 - // Q & A

WHAT'S NEXT/SCHEDULE

Final Engineering Design Phase II

Spring 2021

Publish and Award Construction Contract RFP

Summer 2021

Begin Construction

Summer 2021



A photograph of two elderly individuals walking away from the camera on a paved path. The person on the left is wearing a long, dark, quilted jacket and dark trousers, and is using a single walking cane. The person on the right is wearing a similar long, dark, quilted jacket and a dark skirt, and is using a four-wheeled walker. The background is slightly blurred, showing a park-like setting with trees and a fence. The text "Q & A" is overlaid in the center in a bold, red font.

Q & A

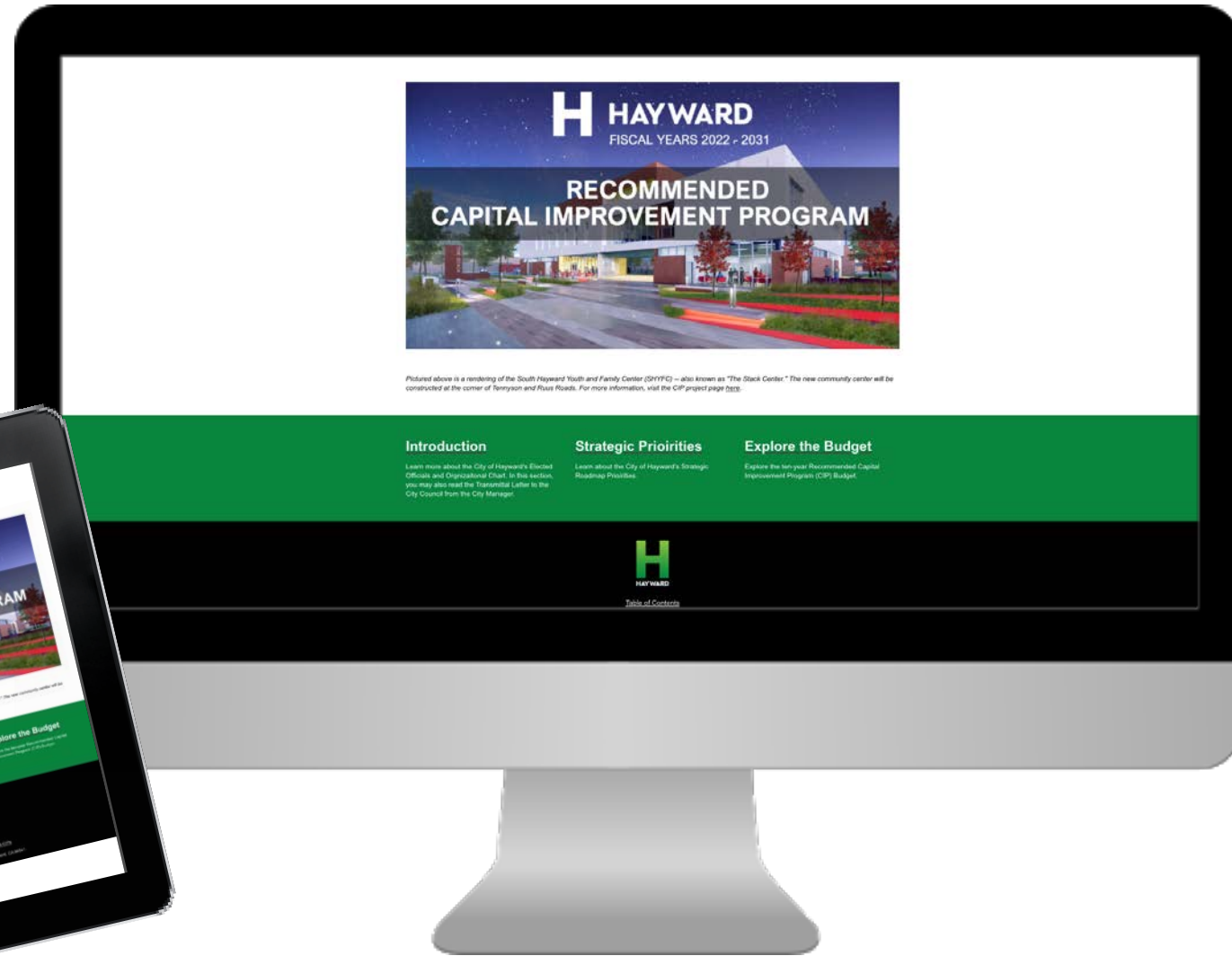
**Item 4. ACT 21-040 Review of Recommended Capital
Improvement Program for FY 2022 - FY 2031**

FISCAL YEARS 2022 - 2031 RECOMMENDED CAPITAL IMPROVEMENT PROGRAM

April 28, 2021



OPENGOV STORIES



Pictured above is a rendering of the South Hayward Youth and Family Center (SHYFC) – also known as “The Stack Center.” The new community center will be constructed at the corner of Tenneyson and Fluvio Roads. For more information, visit the CIP project page [here](#).

Introduction

Learn more about the City of Hayward's Elected Officials and Organizational Chart. In this section, you may also read the Transmittal Letter to the City Council from the City Manager.

Strategic Priorities

Learn about the City of Hayward's Strategic Roadmap Priorities.

Explore the Budget

Explore the ten-year Recommended Capital Improvement Program (CIP) Budget.



Table of Contents

www.hayward-ca.gov/CIP

FY22 Recommended CIP Budget: **\$158M**

Ten-Year CIP Total: **\$562M**

General Fund Transfers

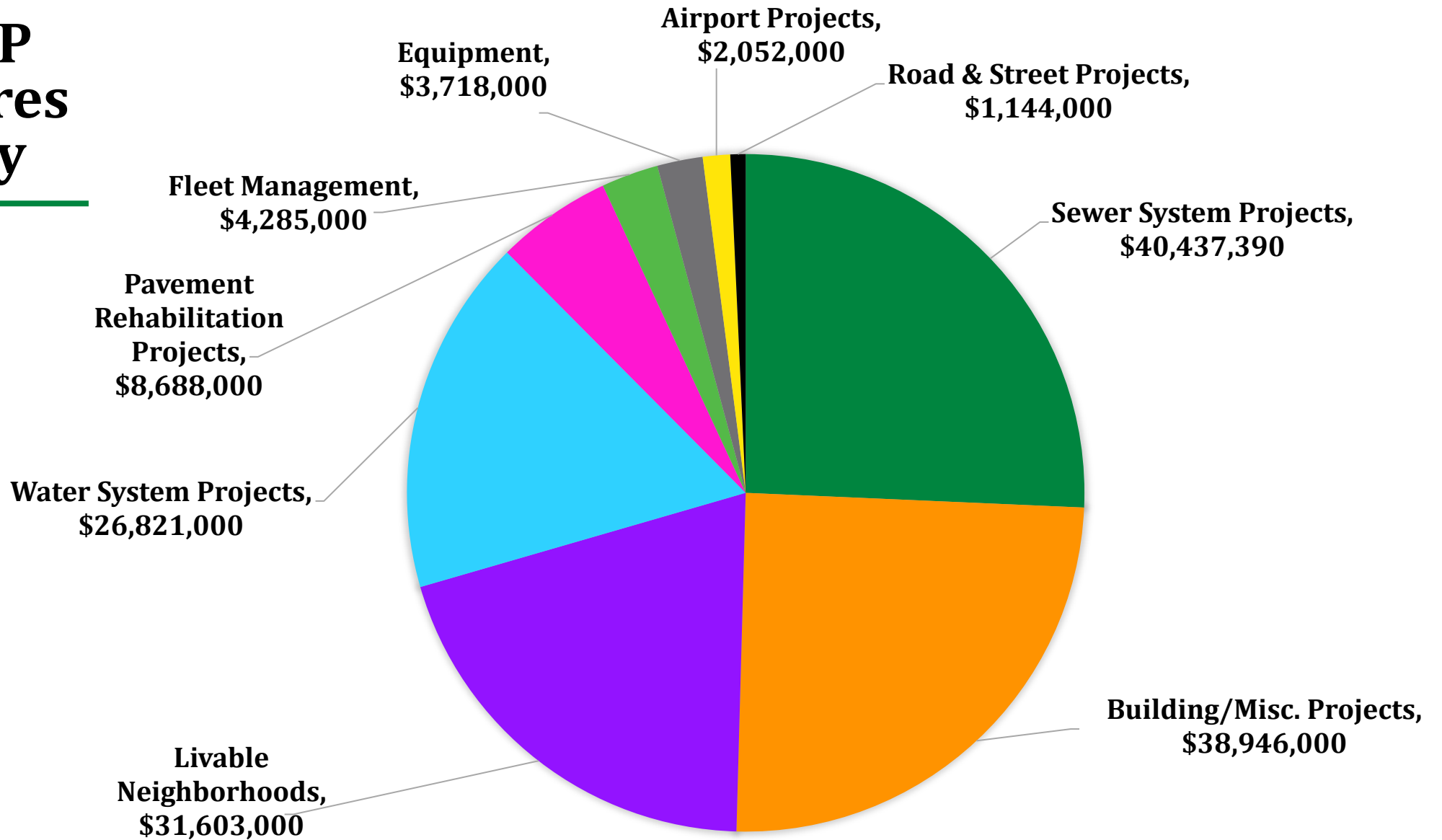
CIP Fund	FY20 GF Transfer	FY21 GF Transfer	FY22 GF Transfer	Increase over FY21
405/Capital Projects (General)	\$4,888,000	\$15,000	\$2,300,000	\$2,285,000
410/Route 238 Corridor Improvement	-	-	\$185,000	\$185,000
460/Transportation System Improvement	\$233,000	\$340,000	\$650,000	\$310,000
726/Facilities Management Capital	\$268,000	-	\$150,000	\$150,000
731/Information Technology Capital	\$390,000	\$435,000	\$950,000	\$515,000
Total Cost to General Fund	\$5,779,000	\$790,000	\$4,235,000	\$3,445,000

Internal Service Fees

CIP Fund	FY 2020 ISF	FY 2021 ISF	FY 2022 ISF	Increase over FY 2021
726/Facilities Management Capital	\$214,000	\$300,000	\$350,000	\$50,000
731/Information Technology Capital	\$756,000	\$756,000	\$800,000	\$44,000
736/Fleet Management Capital (General Fund)	\$3,100,000	\$500,000	\$1,500,000	\$1,000,000
737/Fleet Replacement (Enterprise Funds)	\$552,000	\$657,000	\$657,000	-
Total ISF	\$4,622,000	\$2,213,000	\$3,307,000	\$1,094,000

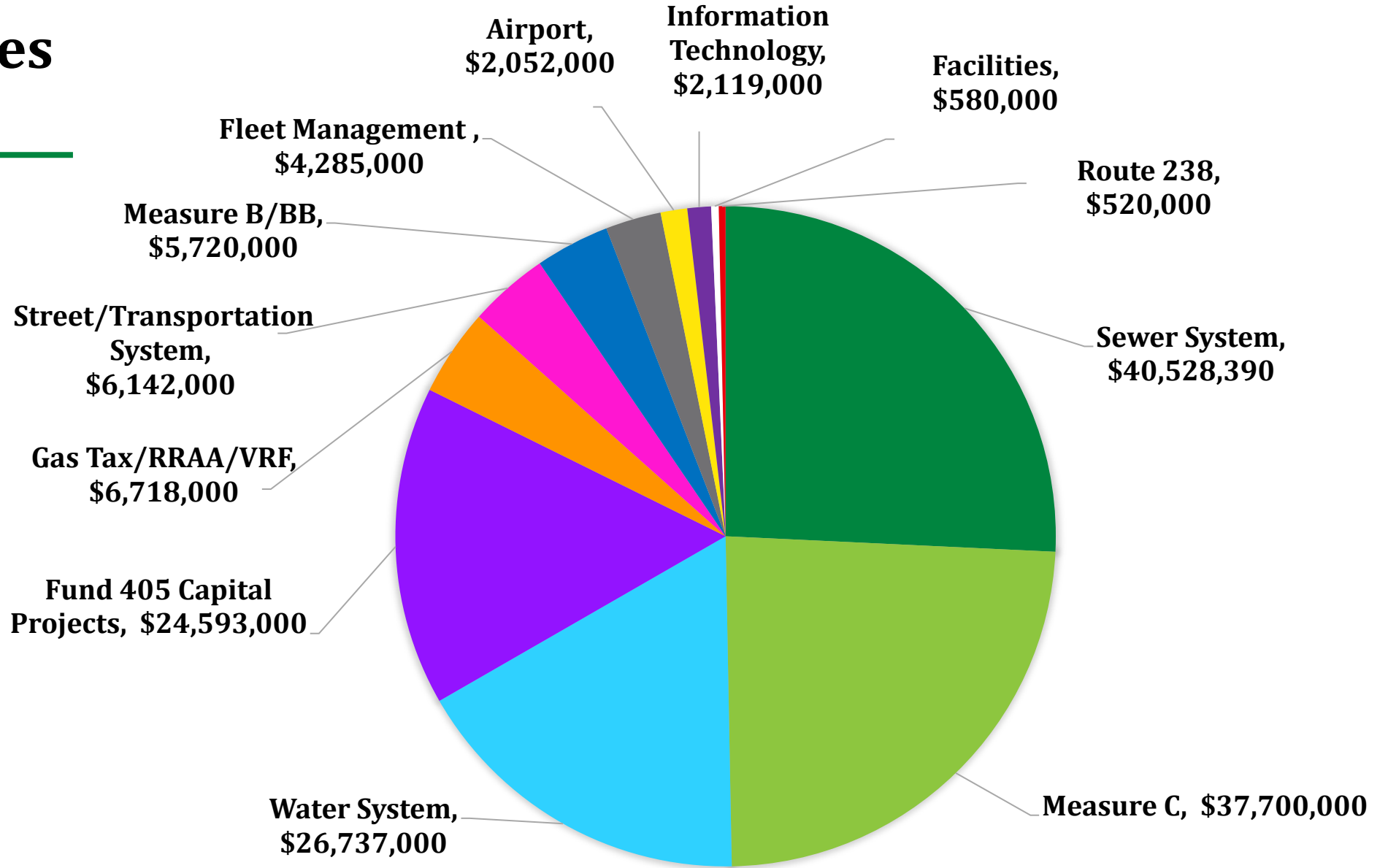
FY 2022 CIP Expenditures by Category


Total:
\$158M



FY 2022 CIP Expenditures by Fund

Total: \$158M





Livable Neighborhoods

- La Vista Park
- FY22 New Sidewalk Program
- South Hayward Youth and Family Center



Road & Streets

- Mission Blvd Phase 2
- Mission Blvd Phase 3
- Main Street Complete Street Project



15'
SIDEWALK WITH
SEMI-OUTDOOR



Pavement Rehabilitation

- FY22 Pavement Rehabilitation Program



Buildings & Miscellaneous

- Fire Station No. 6 & Training Center
- Trash Capture Device Installation



Sewer System

- FY22 Sewer Line Replacement
- WPCF Facilities Plan Phase II (& Nutrient Management Plan)
- Recycled Water Project Phase I





Water System

- FY22 Water Line Replacement Project
- Corporation Yard Needs Assessment



Fleet Management

- Fleet replacement across various divisions
- Related Strategic Roadmap Projects
 - *Transition 15% of Fleet to EV/Hybrid Models*





Equipment

- Fiber Optic Line Maintenance/Repair
- Network Server Replacement Project
- Other misc. equipment implementations across various Departments



Airport

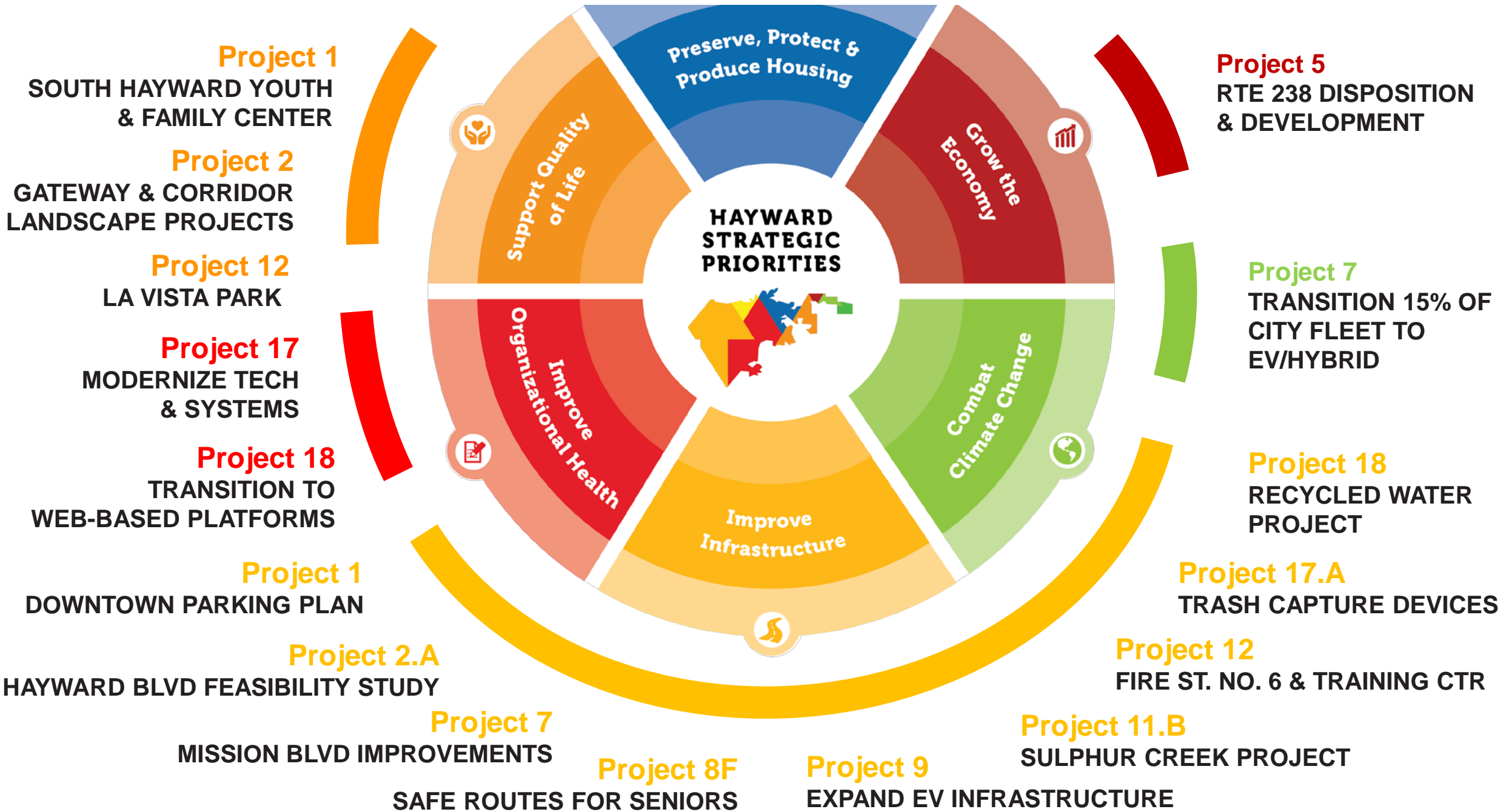
- Sulphur Creek Mitigation Project
- Skywest Property Reuse Plan





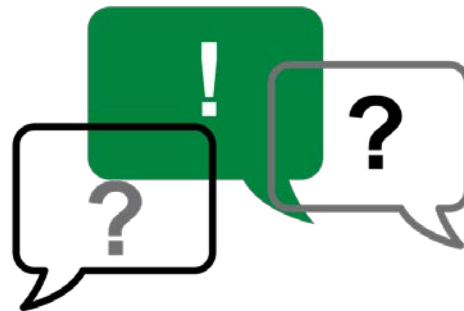
Identified & Unfunded Capital Needs

Fleet:	\$600,000
Airport:	\$16,500,000
Facilities and Equipment:	\$91,450,000
Street and Transportation:	<u>\$201,502,000</u>
Total:	\$310,052,000



Recommendation

That the Committee review and provide comments on the Recommended
FY 2022 – 2031 CIP



**Item 5. RPT 21-061 Mission Boulevard Linear Park
Landscape - Project Update**

Council Infrastructure Committee Meeting

MISSION BOULEVARD LINEAR PARK

April 28th, 2021



OVERVIEW

Project Introduction

Design Concept (Recap)

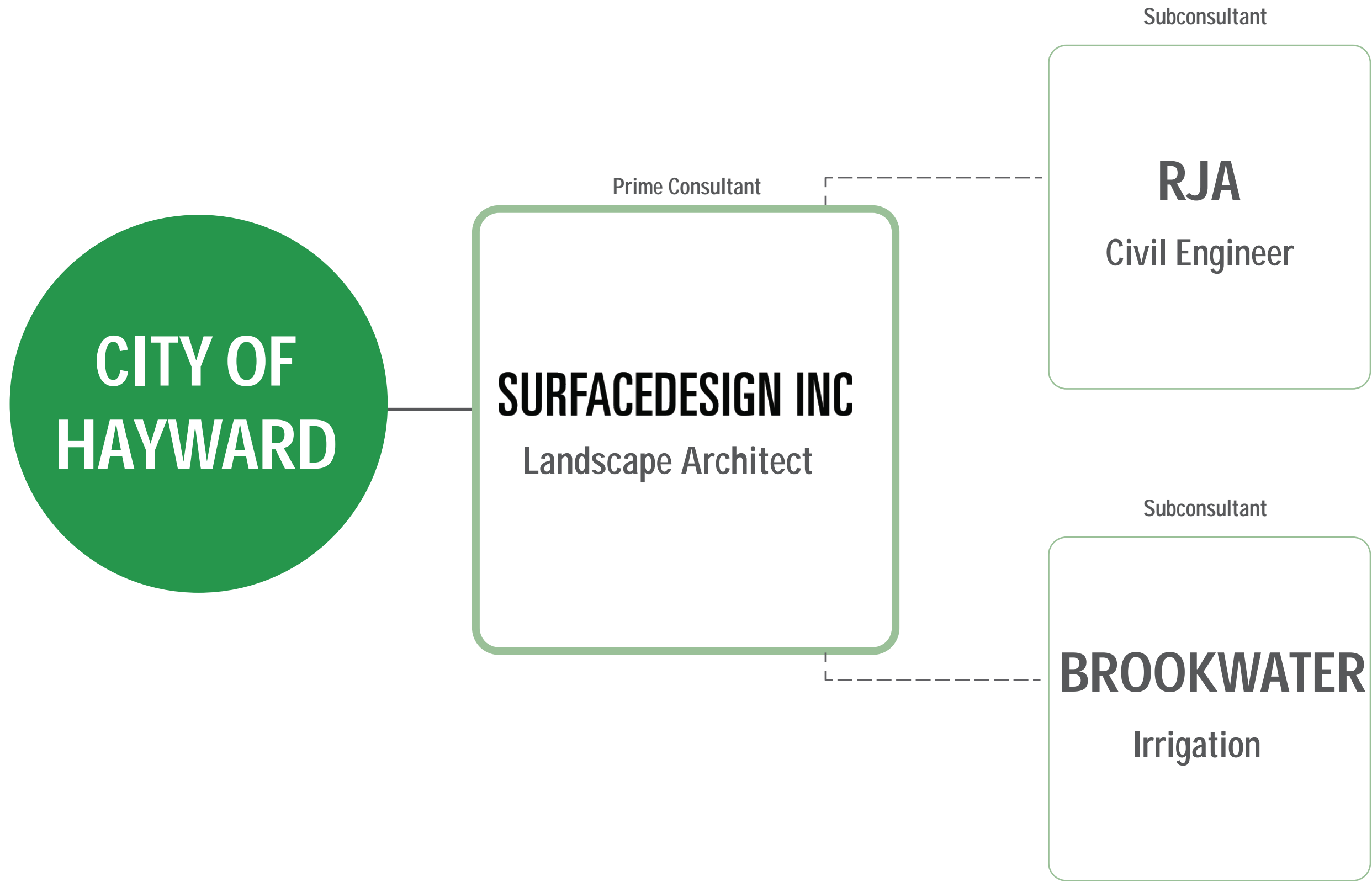
Design Development

Planting Strategy + Material Upcycling

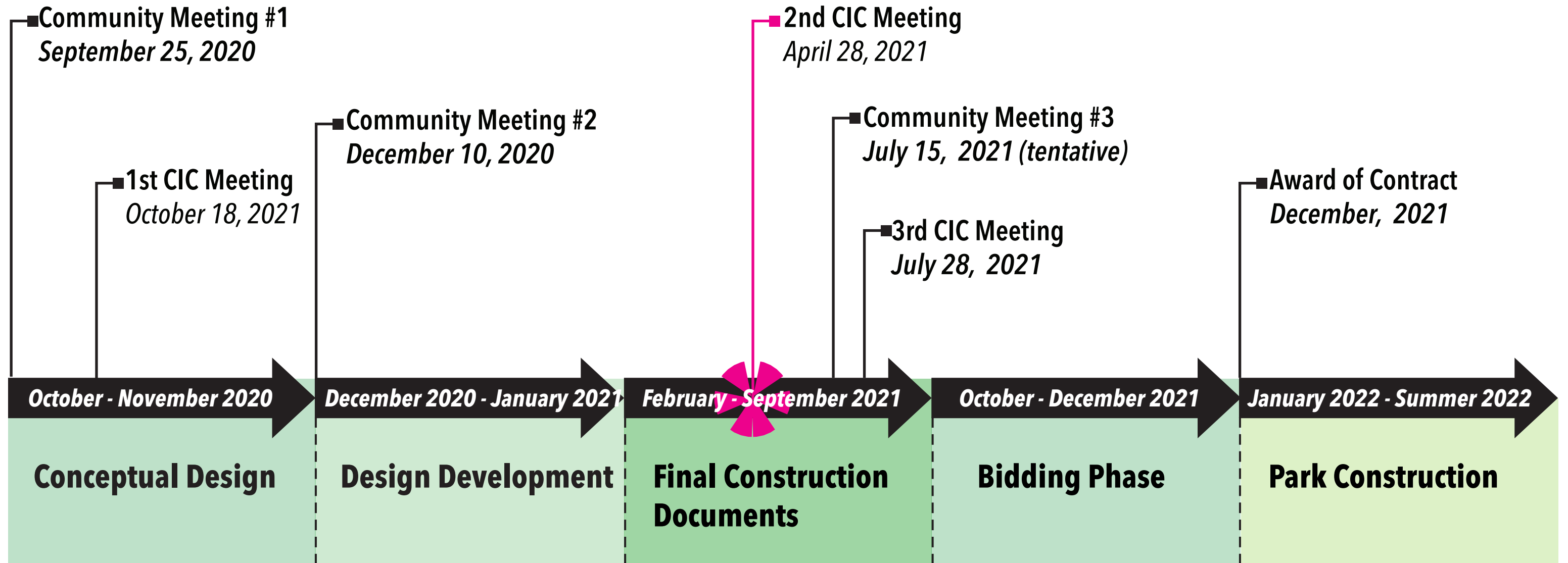
Next Steps

Q&A

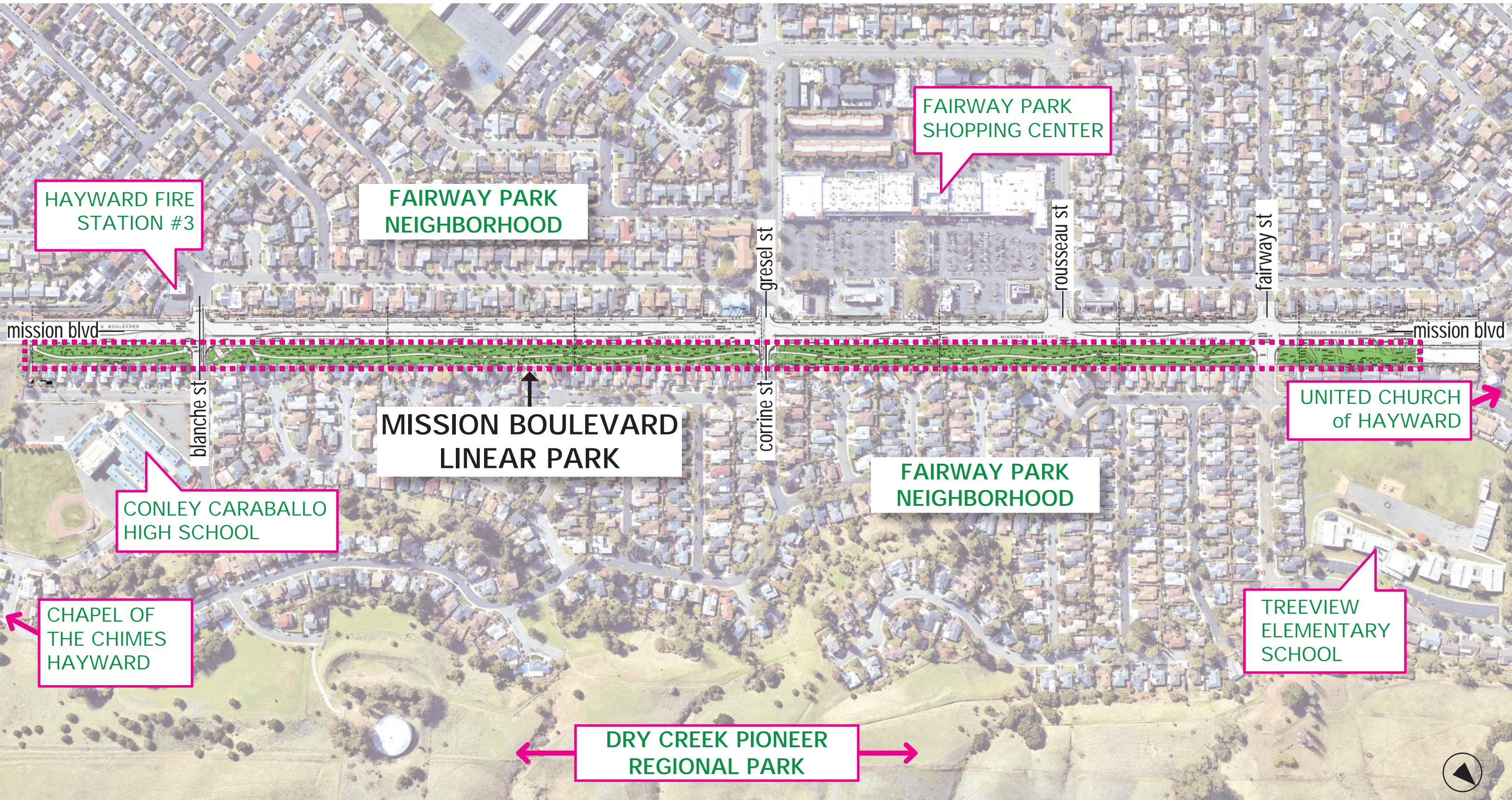
DESIGN TEAM INTRODUCTION



PROJECT TIMELINE



PROJECT AREA



ILLUSTRATIVE PLAN



Approved Construction Budget of \$2,000,000 Includes:

- Create East Bay Hills Abstracted Earth-Formations
- Clean-Up Existing Asphalt Path Edge and Add DG Shoulder
- Realign Existing Path at Two Points
- Use Recycled Concrete to Create Paved Spaces and Exploratory Pathways along Existing Path
- Tidy up Existing Fence Line (Remove Invasive Species, Prune Oleander and Complete Cloud Hedge)
- Plant No-Mow Sod and 20-25 Trees
- Incorporate Upcycled Accent Seating
- Implement City Standard Trash Receptacle and Dog Stations

DESIGN CONCEPT (RECAP)







ADJACENT ECOLOGIES (RECAP)

Views of Rolling Hills + Oak Savanna from Mission Blvd Linear Park



OAK SAVANNA / EAST BAY HILLS



BRINGING THE HILLS TO THE PARK (RECAP)

BACKGROUND



MIDGROUND

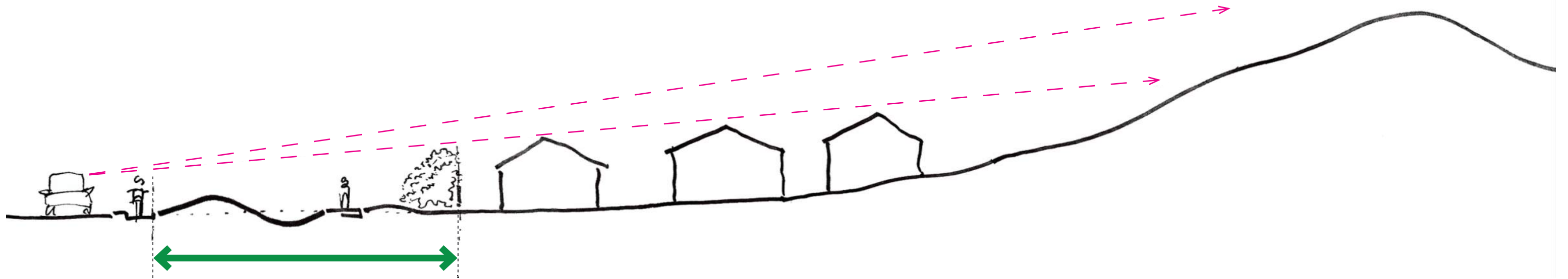


FOREGROUND

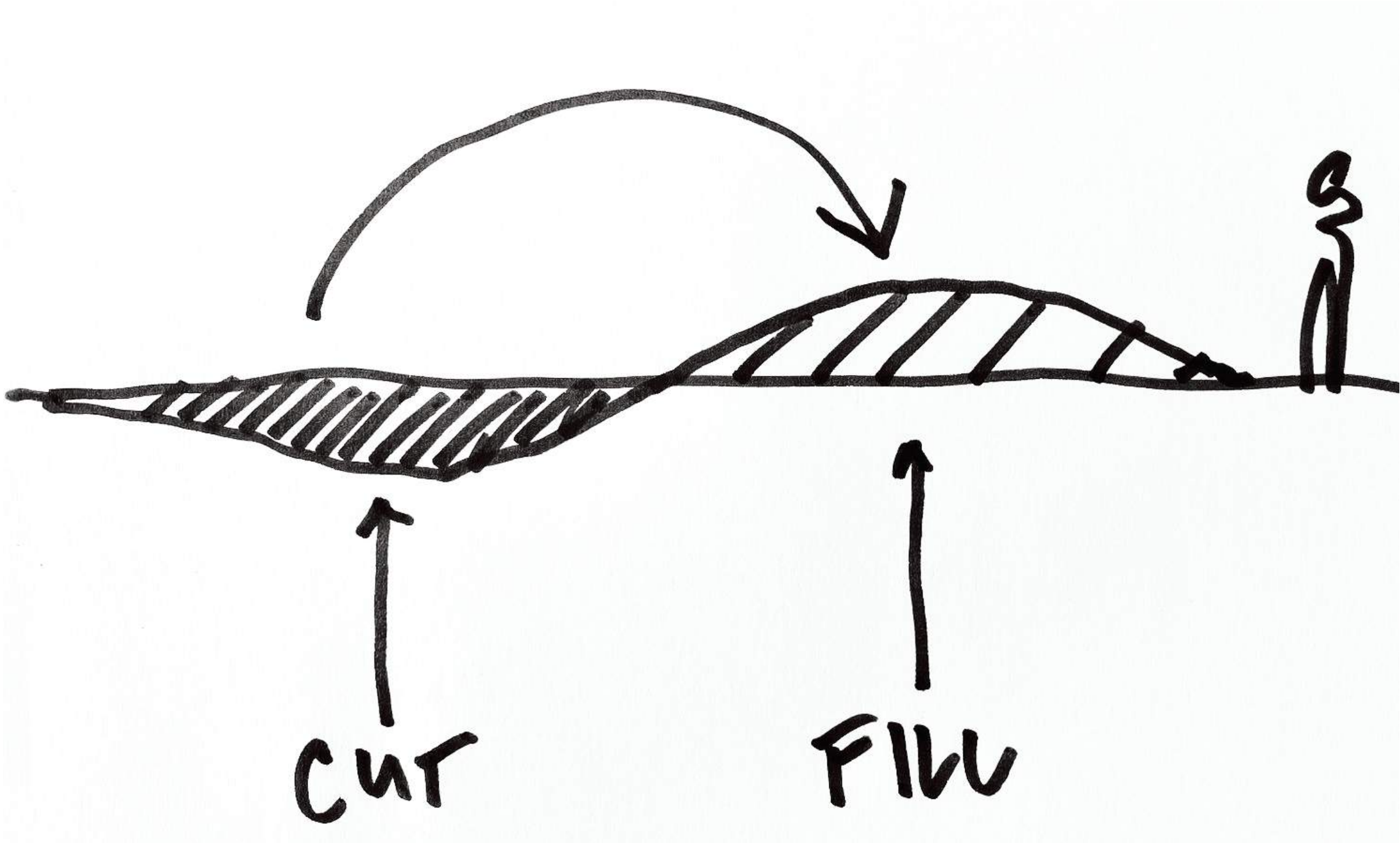


DESIGN STRATEGY (RECAP)

- Shape Earth on Site to Make Larger Link to East Bay Hills and Create 3-Dimensional Interest
- Create Opportunities in the Park Beyond Just Walking
- Change Perception of Being Adjacent Vehicular Boulevard
 - Work with Existing Path, Trees, and Lighting
 - Complete Privacy Hedge along Eastern Edge
 - Provide Safe and Clean Amenity for Community that is Easily Maintained
- Complete Vision of Mission Boulevard!



ABSTRACTING HILLS - GRADING STRATEGY (RECAP)



ABSTRACTING HILLS - GRADING STRATEGY (RECAP)



DESIGN DEVELOPMENT

SOUTH GATEWAY + BLANCHE ST



EARTH FORMS



EXISTING PARK IMPROVEMENTS TO REMAIN



RECLAIMED LOGS UNDER REDWOODS



GATEWAY ARTIFACT



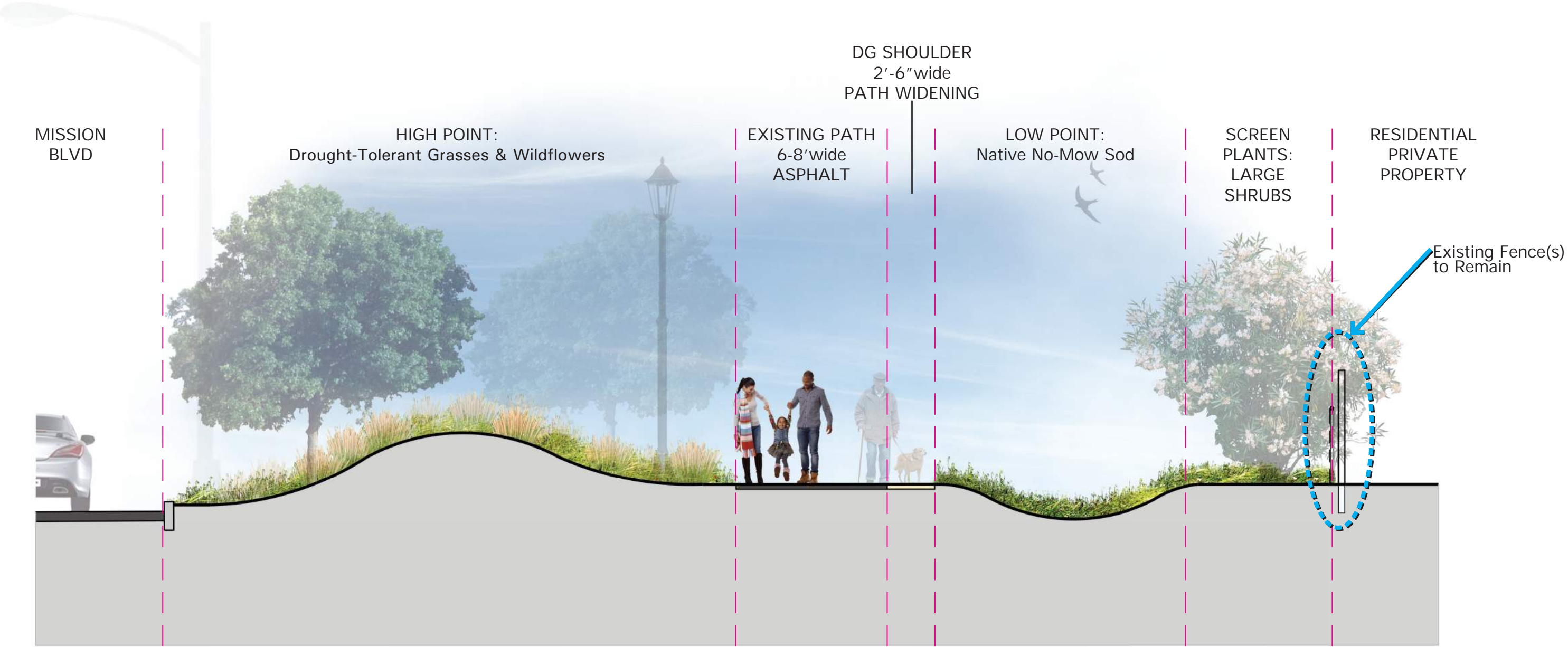
mission blvd

blanche st

mission blvd

ILLUSTRATIVE PLAN

ABSTRACTING HILLS - TYPICAL SECTION

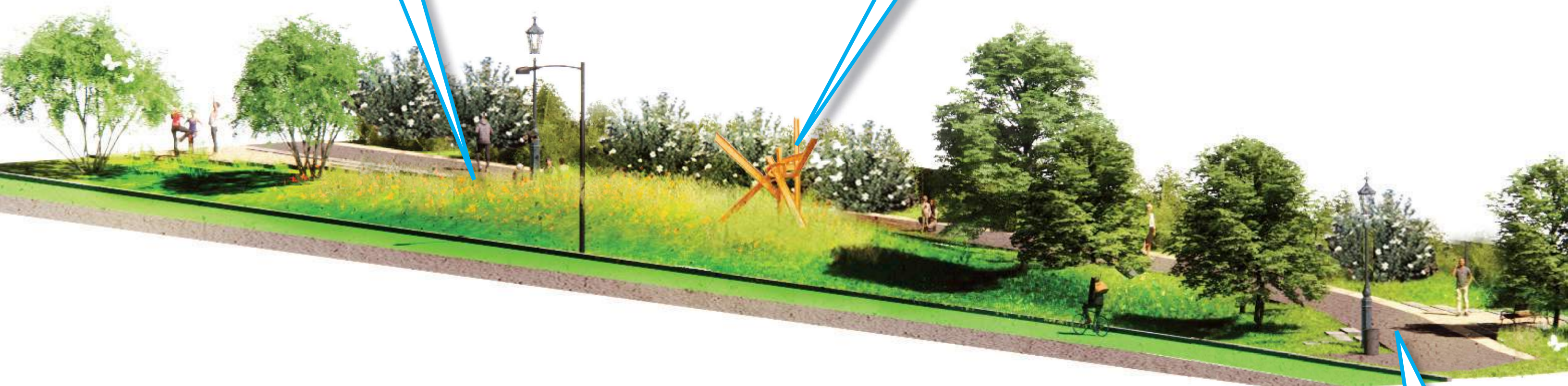


MOMENTS | PARK GATEWAY

'Gateway' Knoll to Define Beginning of Linear Park

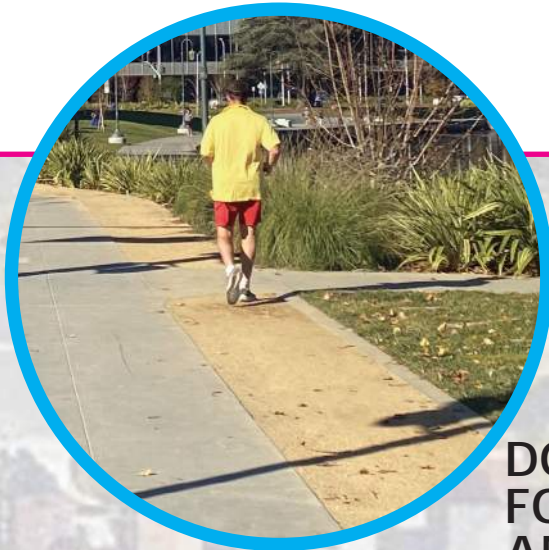
Hayward Artifact - TBD

Existing Asphalt Path to Remain



ILLUSTRATIVE PLAN

BLANCHE ST < > CORRINE ST



DG SHOULDER FOR RUNNING AND DOGS



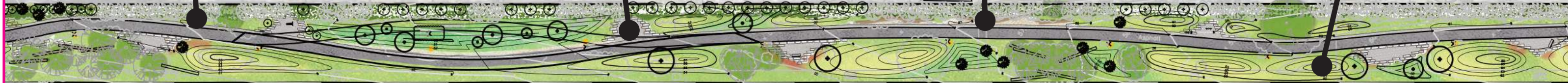
EXISTING EXERCISE EQUIPMENT TO REMAIN



RECLAIMED LOGS



EARTH FORMS



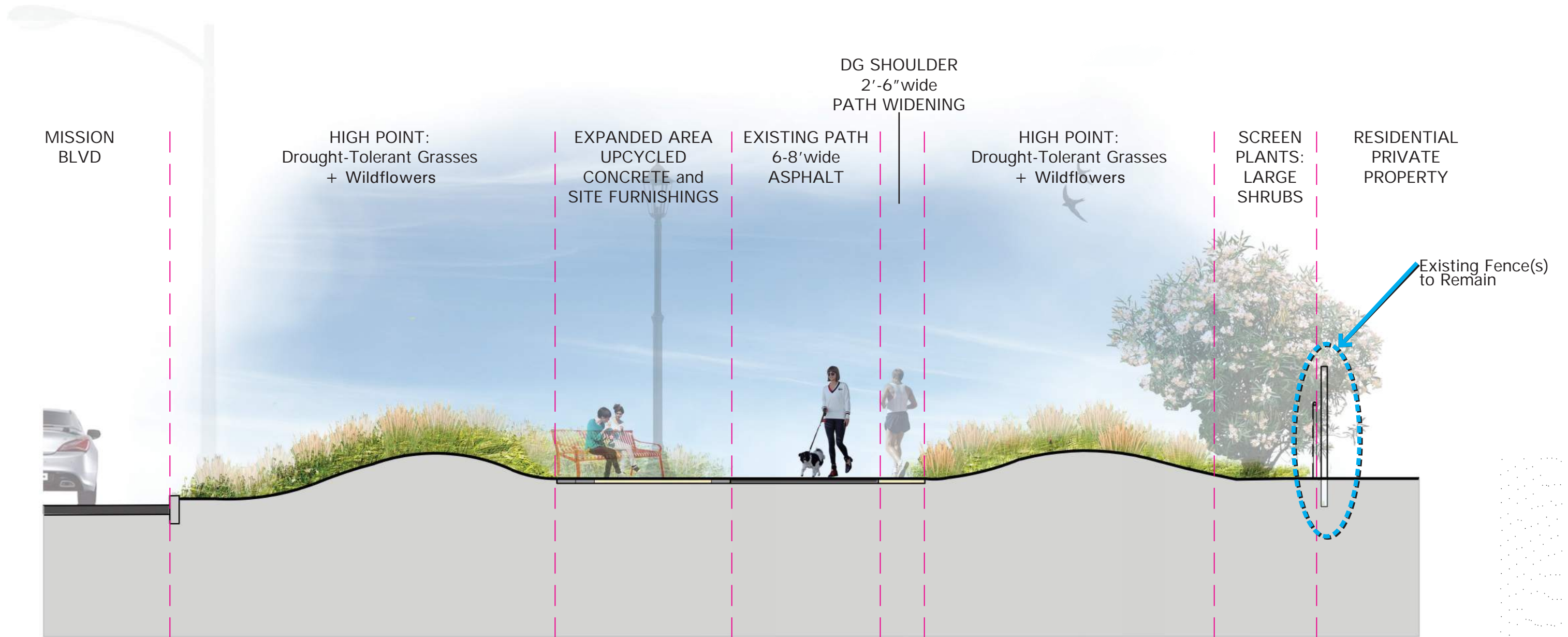
mission blvd

mission blvd



ILLUSTRATIVE PLAN

ABSTRACTING HILLS - TYPICAL SECTION



MOMENTS | GRADING STRATEGY

Infill Areas between Oleanders with Native Shrubs

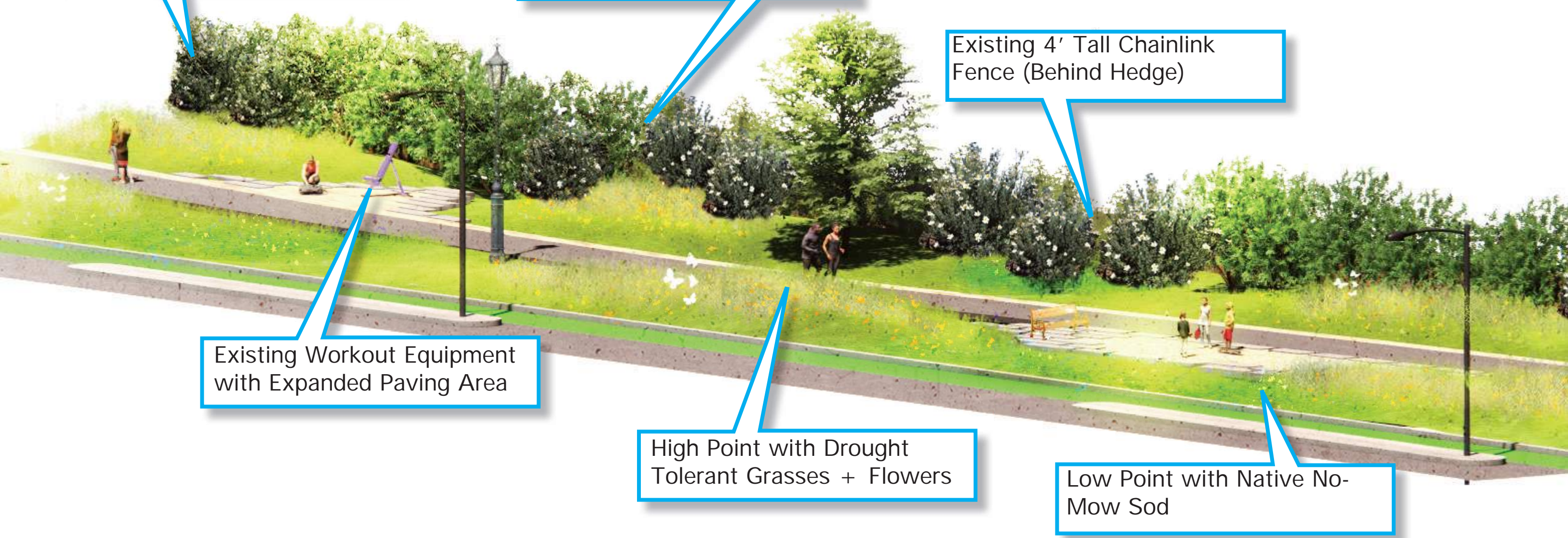
Preserve & Prune Select Existing Oleander

Existing 4' Tall Chainlink Fence (Behind Hedge)

Existing Workout Equipment with Expanded Paving Area

High Point with Drought Tolerant Grasses + Flowers

Low Point with Native No-Mow Sod



ILLUSTRATIVE PLAN

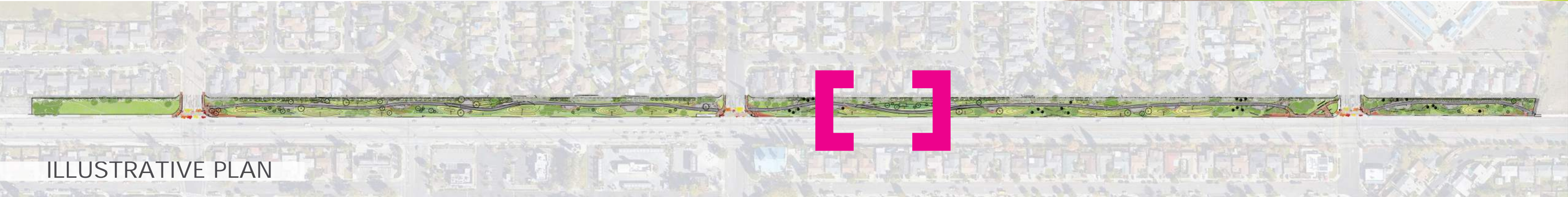
MOMENTS | REDWOOD GROVE



Reclaimed Lumber

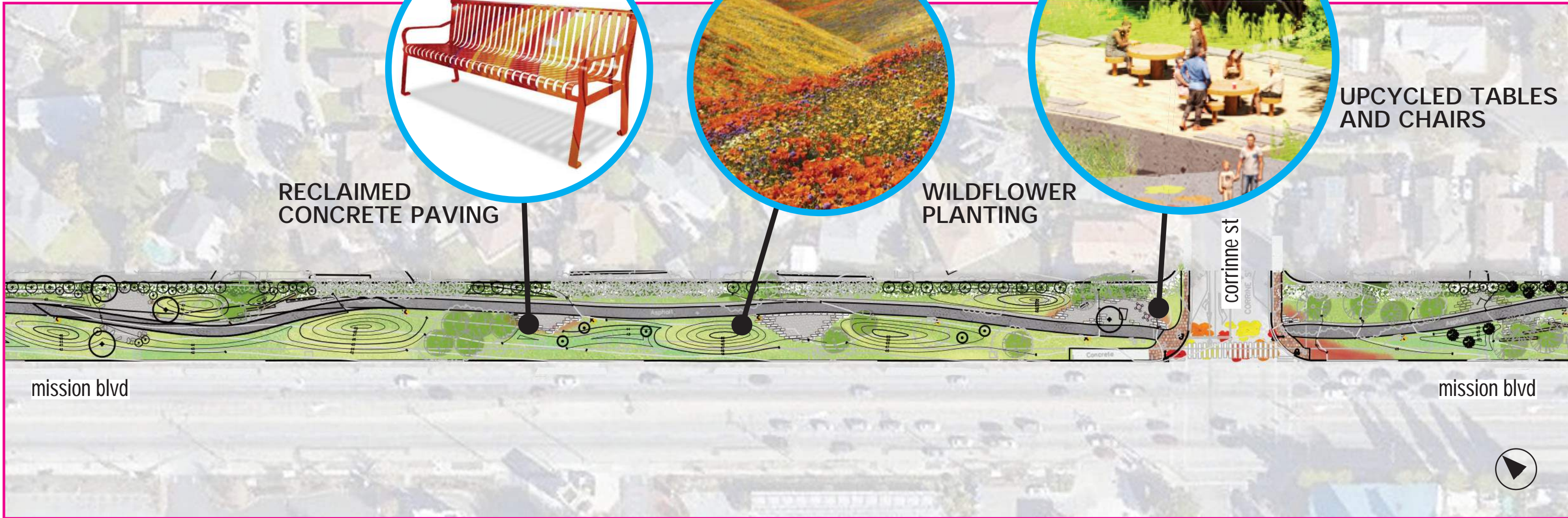
Expanded Paving Area with Bench

Exploratory Pathway under Existing Redwoods

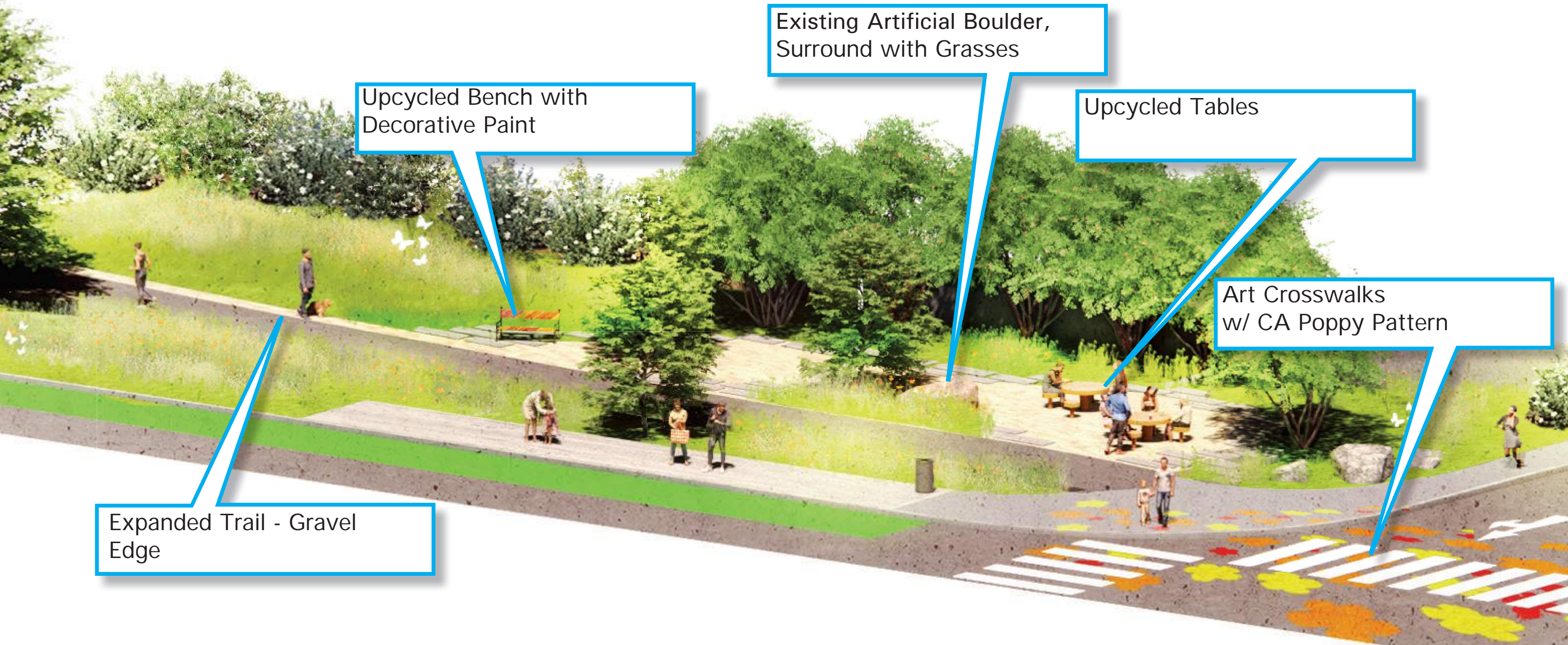


ILLUSTRATIVE PLAN

CORRINE ST < > ROUSSEAU ST



MOMENTS | SEATING AREA



Upcycled Bench with Decorative Paint

Existing Artificial Boulder, Surround with Grasses

Upcycled Tables

Art Crosswalks w/ CA Poppy Pattern

Expanded Trail - Gravel Edge



ILLUSTRATIVE PLAN

FAIRWAY ST < > NORTH PARCEL



NORTH PARCEL:
This area is not tied into existing park infrastructure (irrigation, lighting, pedestrian pathways) & may be sold for future development.

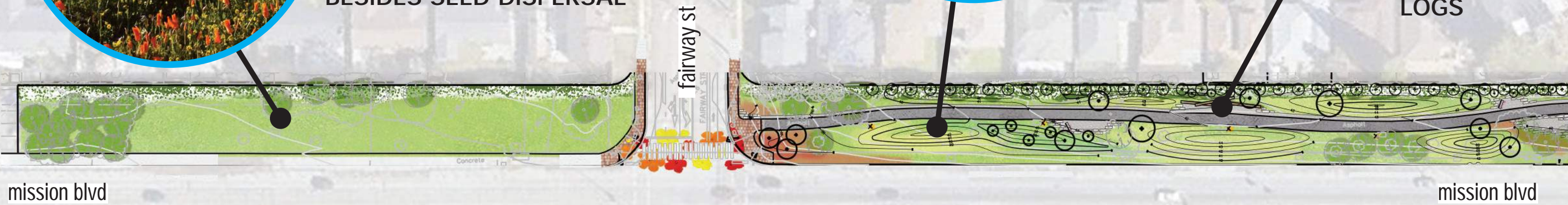
MINIMAL WORK TO BE DONE HERE BESIDES SEED DISPERSAL



EARTH FORMS

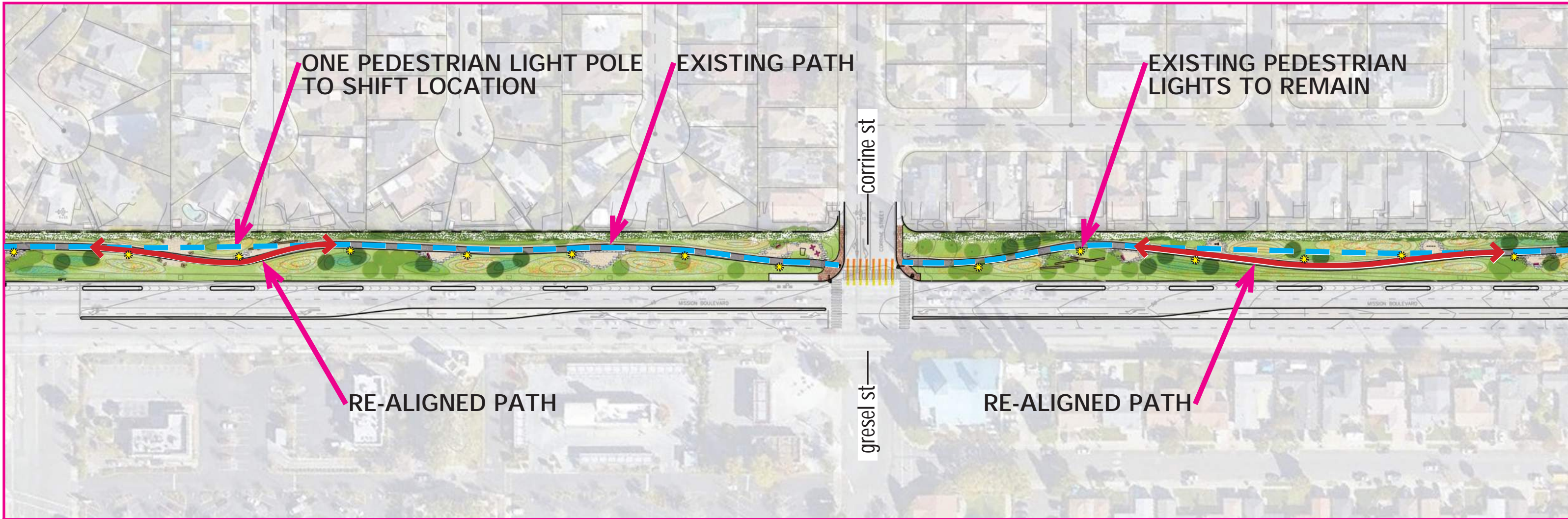


RECLAIMED LOGS



ILLUSTRATIVE PLAN

RE-ALIGN EXISTING PATH IN 2 PLACES



PLANTING STRATEGY + MATERIAL UPCYCLING

PLANTING STRATEGY - NEW SOD & ORNAMENTAL GRASSES

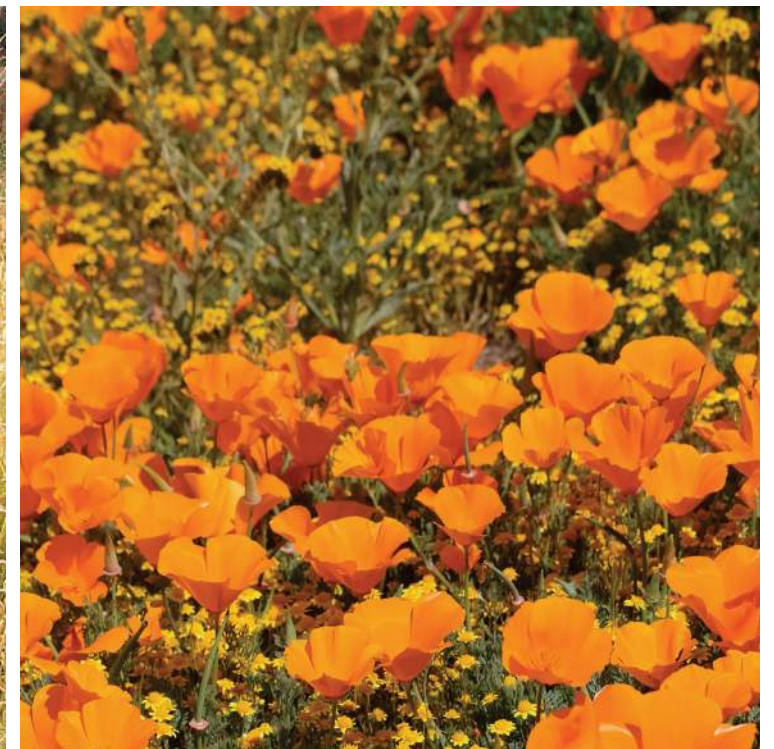
Low Points:

- Native No-Mow Sod (Cost Effective - Will be Used for the Majority of the Site)
- Native Perennial Accents
- Drought-Tolerant
- Low-Maintenance



High Points:

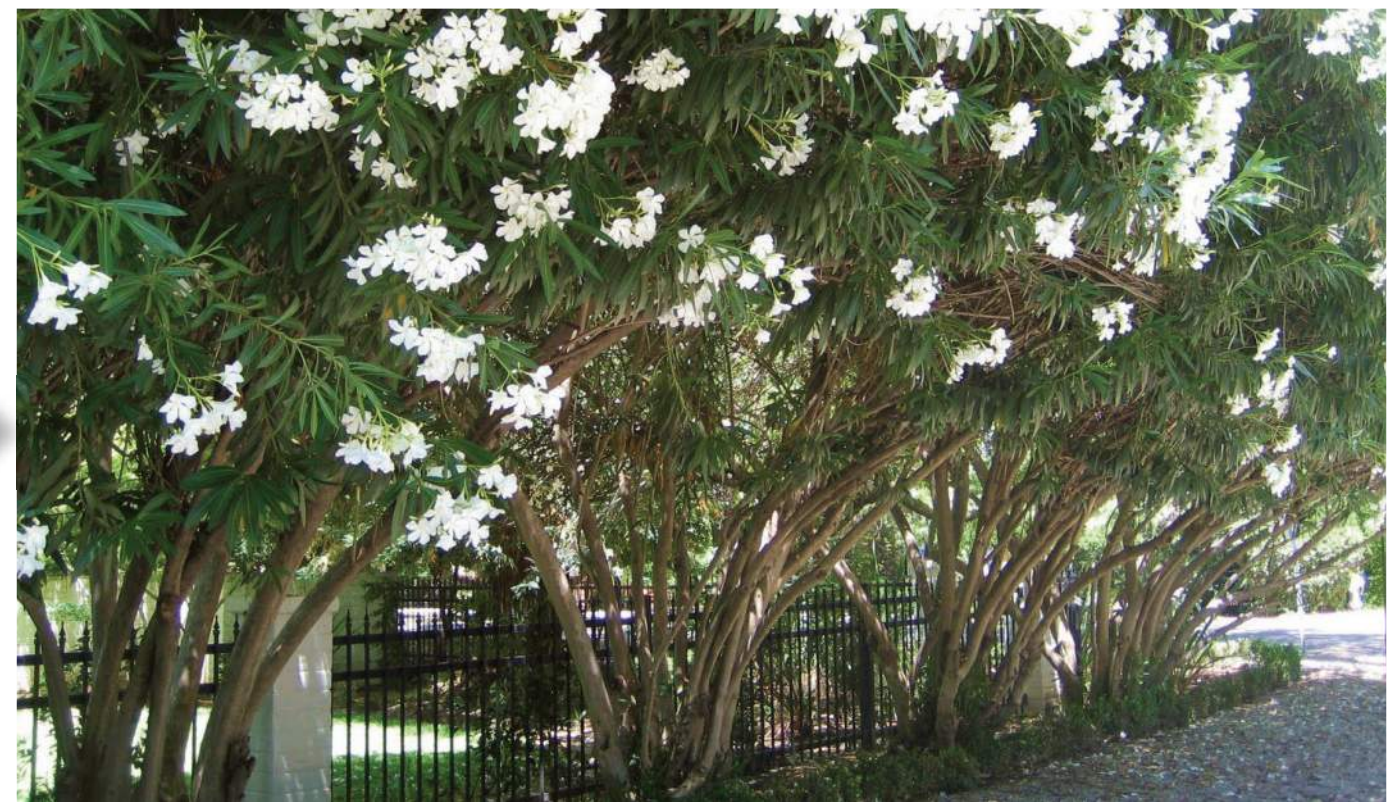
- Ornamental Grasses
- Annual Wildflowers
- Seasonal Interest
- Drought-Tolerant
- Low-Maintenance



PLANTING STRATEGY - EXISTING OLEANDER



Existing Oleander Hedge



Prune + Clean Up Oleander Hedge

PLANTING STRATEGY - GAPS IN HEDGE AT EXISTING FENCELINE



Gaps in Hedge



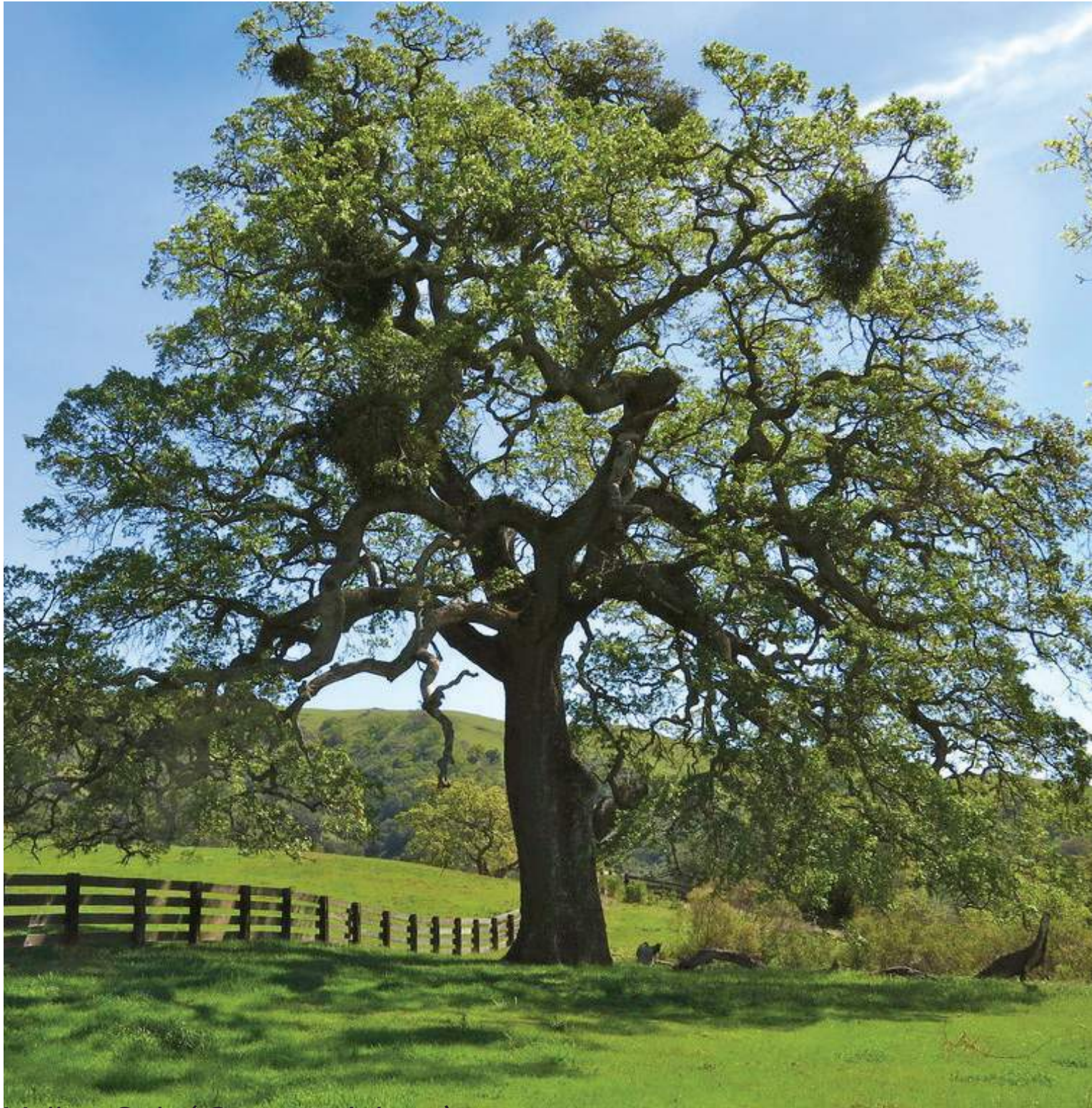
Background/Primary Shrub:
Toyon, Lemonade Berry, & White Ceanothus



Foreground/Accent Flowering Shrubs:
Matilija Poppy, Bush Anemone, Ribes White Icicle, Garraya

PLANTING STRATEGY - LARGE TREES

(36" Box to 48" Box upon Installation)



Valley Oak (*Quercus lobata*)



Black Oak (*Quercus kelloggii*)

PLANTING STRATEGY - ACCENT TREES

(24" Box upon Installation)



Strawberry Tree (*Arbutus 'Marina'*)



Western Redbud (*Cercis canadensis*)

PLANTING STRATEGY - ACCENT TREES

(15gallon, Fast Growing Trees that are Cost Effective and will Provide Shade in 3-5 Years)



CA Sycamore (*Platanus racemosa*)



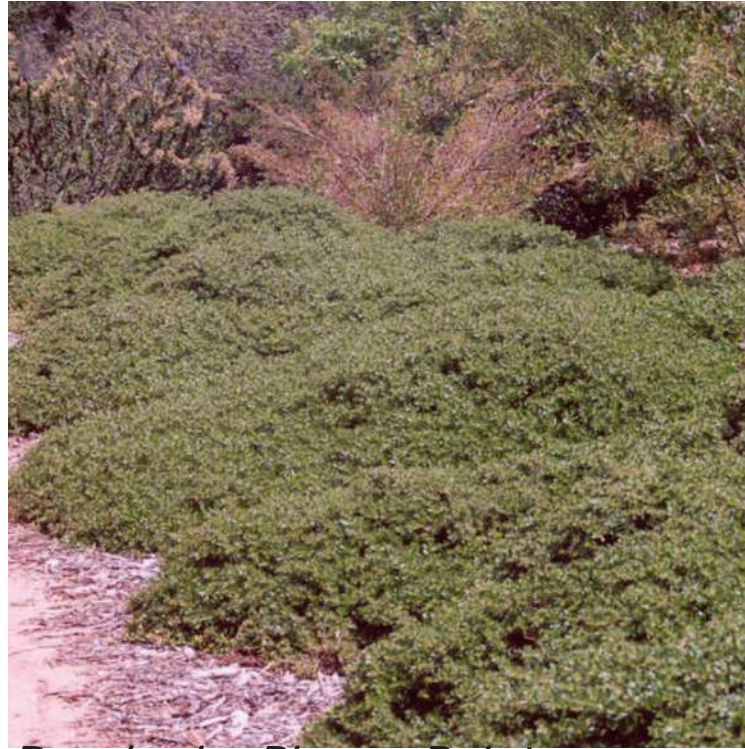
Redwood (*Sequoia sempervirens*)



CA Poplar (*Populus fremontii*)

PLANTING STRATEGY - GARDEN MIX

(Flowering Mix of Perennials will be Used at the Corners of the Site to Signify the Entrances into Linear Park - DROUGHT TOLERANT, LOW MAINTENANCE)



Baccharis 'Pigeon Point'



Cistus 'Santa Cruz'



Muhlenbergia rigens



Salvia clevelandii



Eriogonum fasciculatum



Salvia mellifera



Ceanothus 'Yankee Point'



Rhamnus 'Eve Case'

PLANTING STRATEGY - REDWOOD UNDERSTORY

(Redwood Duff will be Allowed to Collect below the Redwoods - Punctuated by Ferns & Gooseberries)



Redwood Duff



Woodwardia fimbriata



Salvia clevelandii



Heuchera maxima

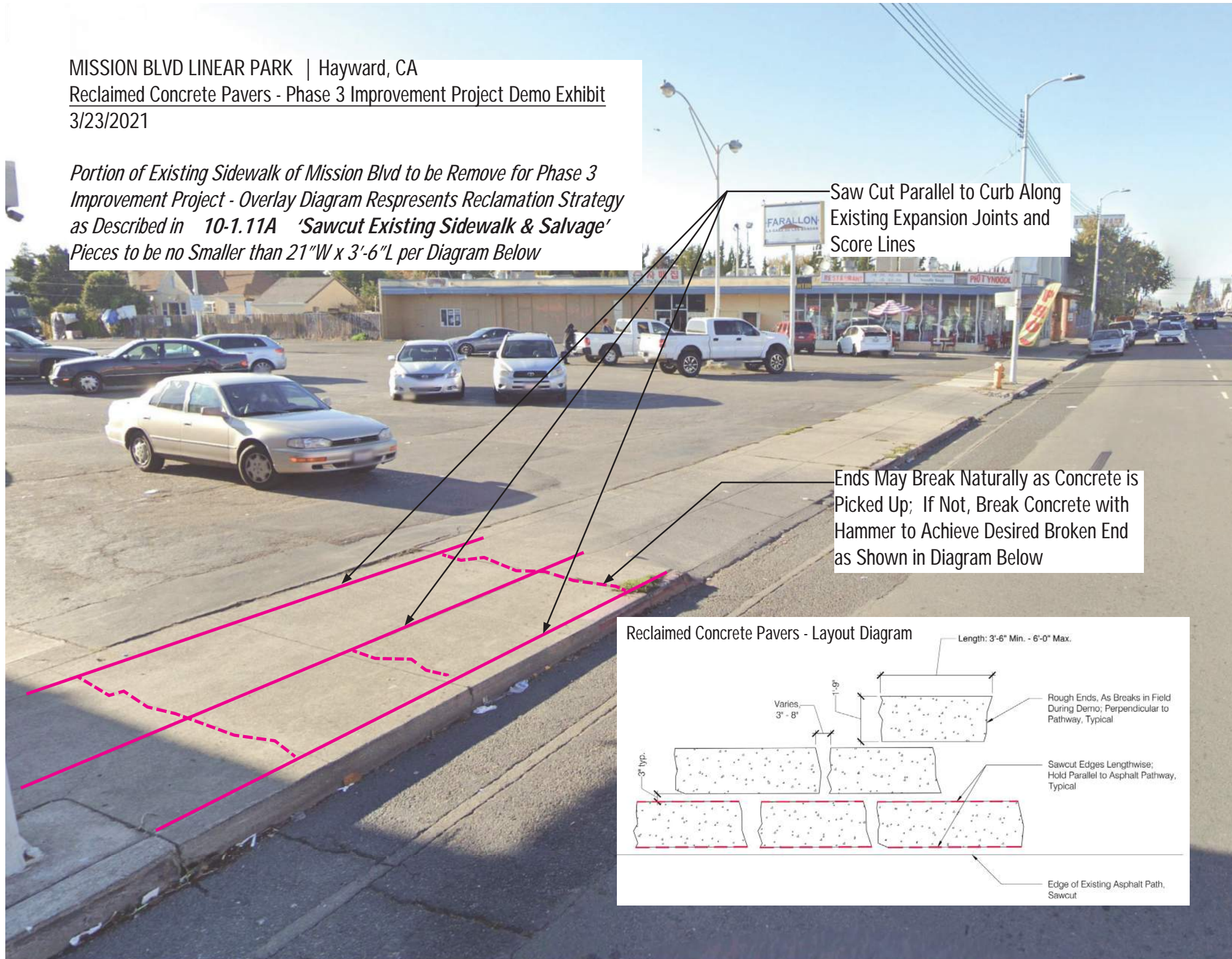


Ribes spp.

EXPANDED PAVER SPACE - UPCYCLED CONCRETE

MISSION BLVD LINEAR PARK | Hayward, CA
Reclaimed Concrete Pavers - Phase 3 Improvement Project Demo Exhibit
3/23/2021

Portion of Existing Sidewalk of Mission Blvd to be Remove for Phase 3 Improvement Project - Overlay Diagram Represents Reclamation Strategy as Described in 10-1.11A 'Sawcut Existing Sidewalk & Salvage' Pieces to be no Smaller than 21"W x 3'-6"L per Diagram Below



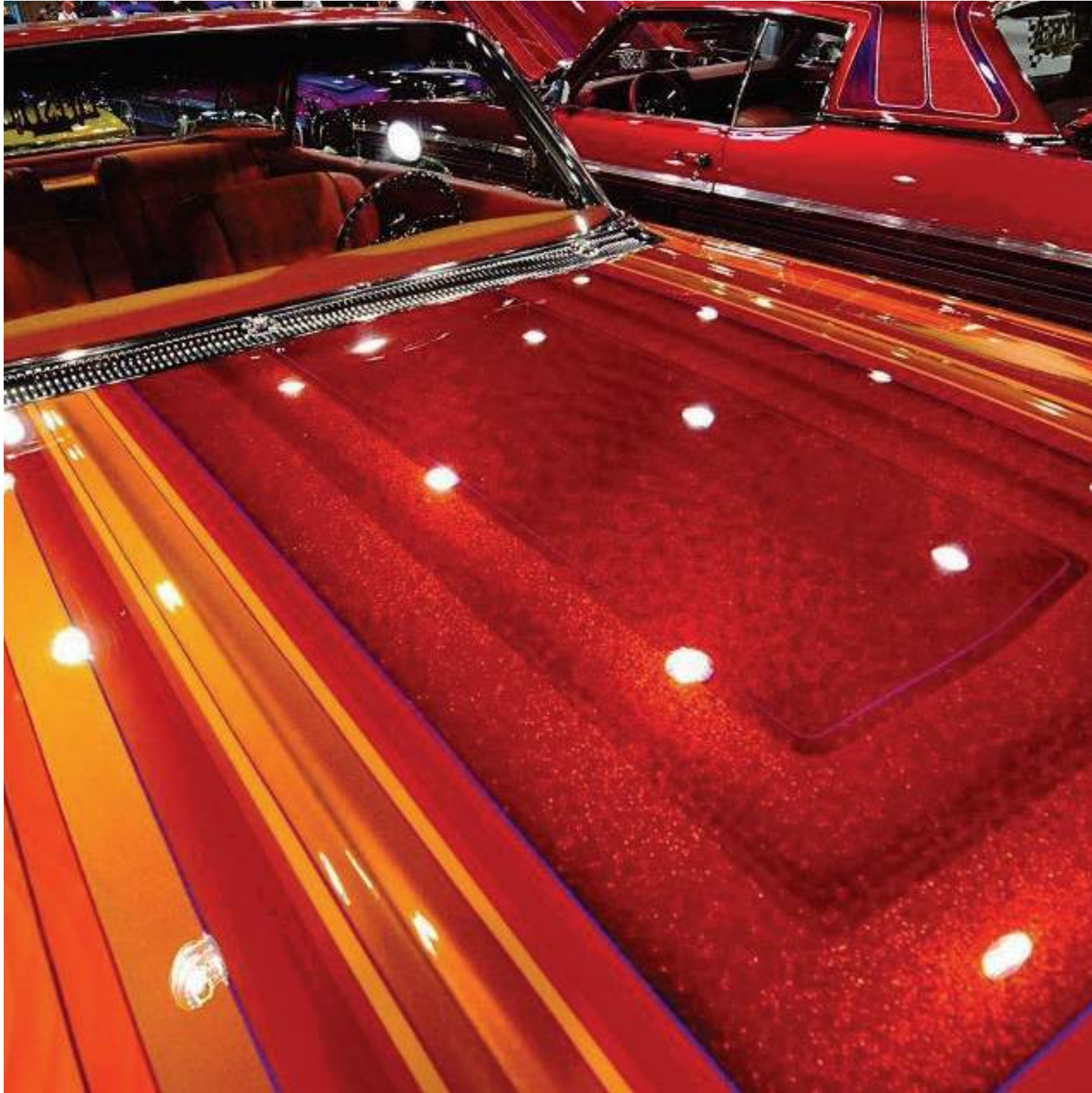
ART CROSSWALKS - INSPIRATION



ART CROSSWALKS



SEATING AREA - UPCYCLED CITY BENCHES



Paint Benches a Metallic Color



SEATING AREA - UPCYCLED CITY TABLES



Available Tables
in City of Hayward Storage Yard



Paint/Stain Tables a Vibrant Color

PARK GATEWAY - HAYWARD ARTIFACT



Precedent from Mia's Playground

UPCYCLED LUMBER



UPCYCLED LUMBER



UPCYCLED LUMBER

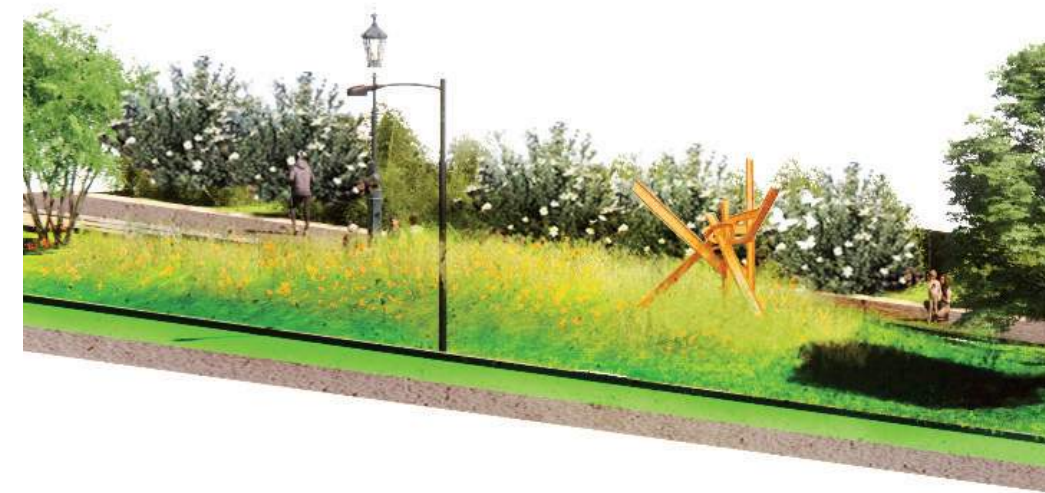


SUMMARY OF BASE PLAN IMPROVEMENTS WITHIN APPROVED BUDGET OF \$2,000,000

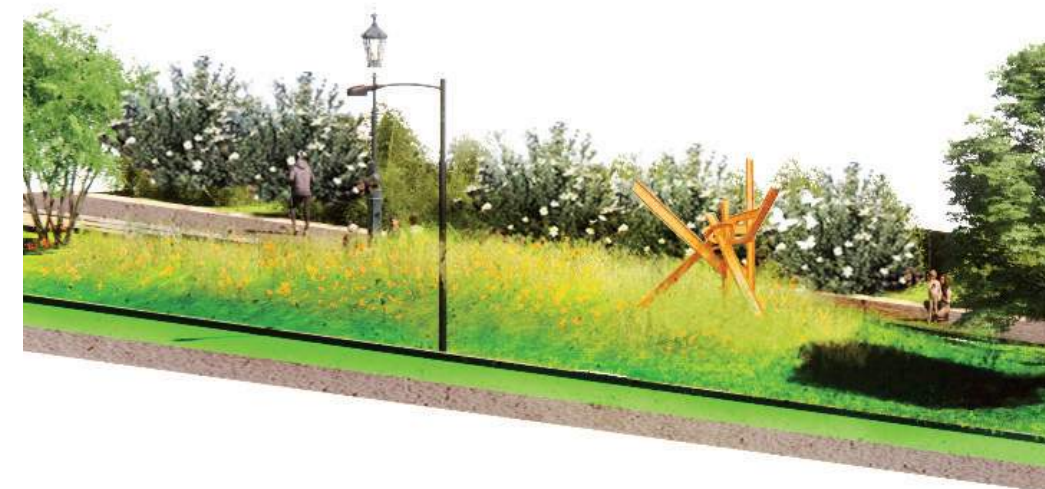
- Earth-Formation
- Existing Path Edge Clean-up + Gravel Trail
- Two Points of Existing Pathway Realignment
- Expanded paver spaces + Exploratory Pathways
- Keep Existing Fence + Remove Invasive Species as Possible + Oleander Pruning + Supplemental Hedge Planting
- No-Mow Sod Planting + Small Amount of Additional Trees
- Upcycled Accent Seating
- Dog Stations
- Trash Receptacle



Next Steps



Q & A



Thank you!

