

Council Infrastructure Committee Meeting

7/28/2021

Presentations



PATRICK AVE SAFETY IMPROVEMENTS – UPDATE AND NEXT STEPS

Council Infrastructure Committee // July 28, 2021

Presentation Agenda

// Project Purpose

// Community Feedback

// Next Steps

// Questions

Presentation Agenda

> **PROJECT PURPOSE**

// **Community Feedback**

// **Next Steps**

// **Questions**

PROJECT PURPOSE: Why Patrick Ave?

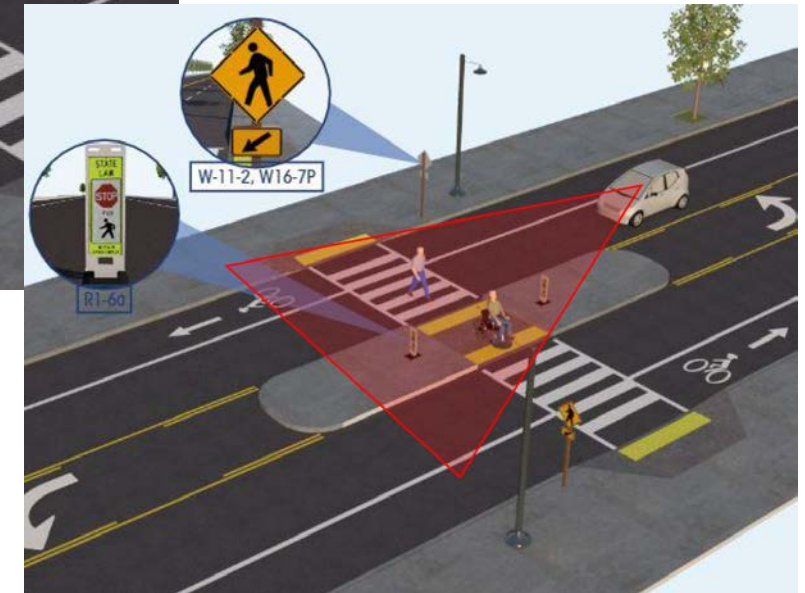
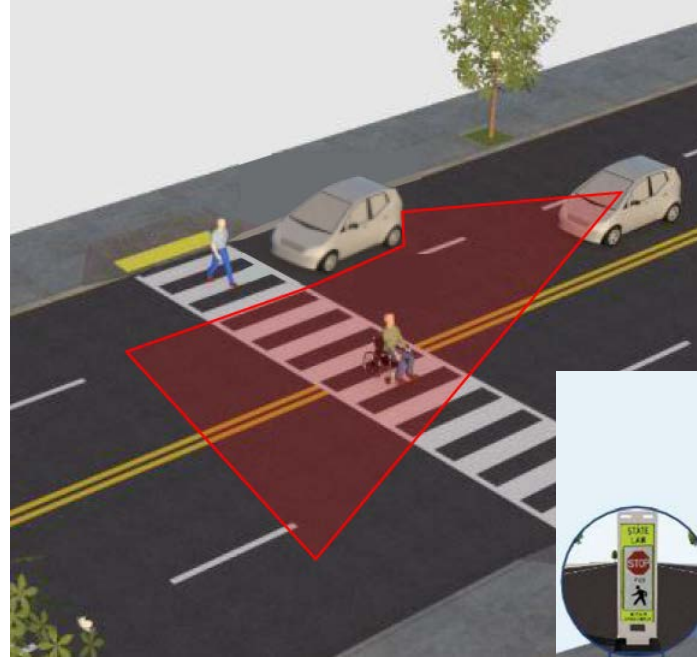
- Concentration of Schools
- Requests for Traffic Calming
- Requests for Better Crosswalks
- Complete Street Policies



PROJECT PURPOSE:

Safety Benefits of Changing a 4-Lane Road to a 3-Lane Road

- Less Traffic Collisions
- Slower Traffic and Reduced Speeds
- Better Visibility of Pedestrian Crossings
- Repurpose Space for Other Modes, like Bicycles



Presentation Agenda

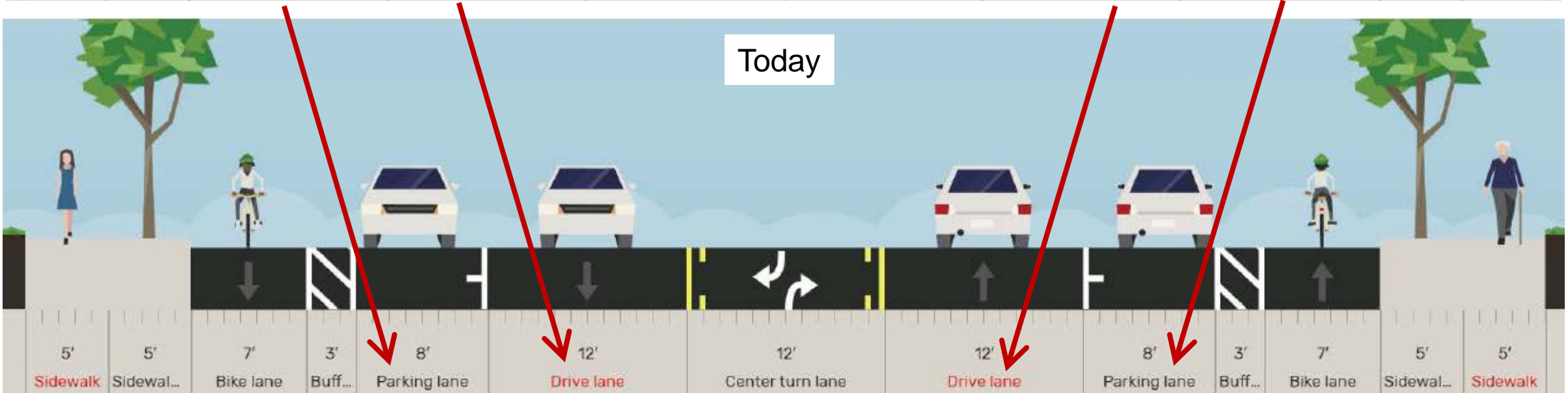
// Project Purpose

> **COMMUNITY FEEDBACK**

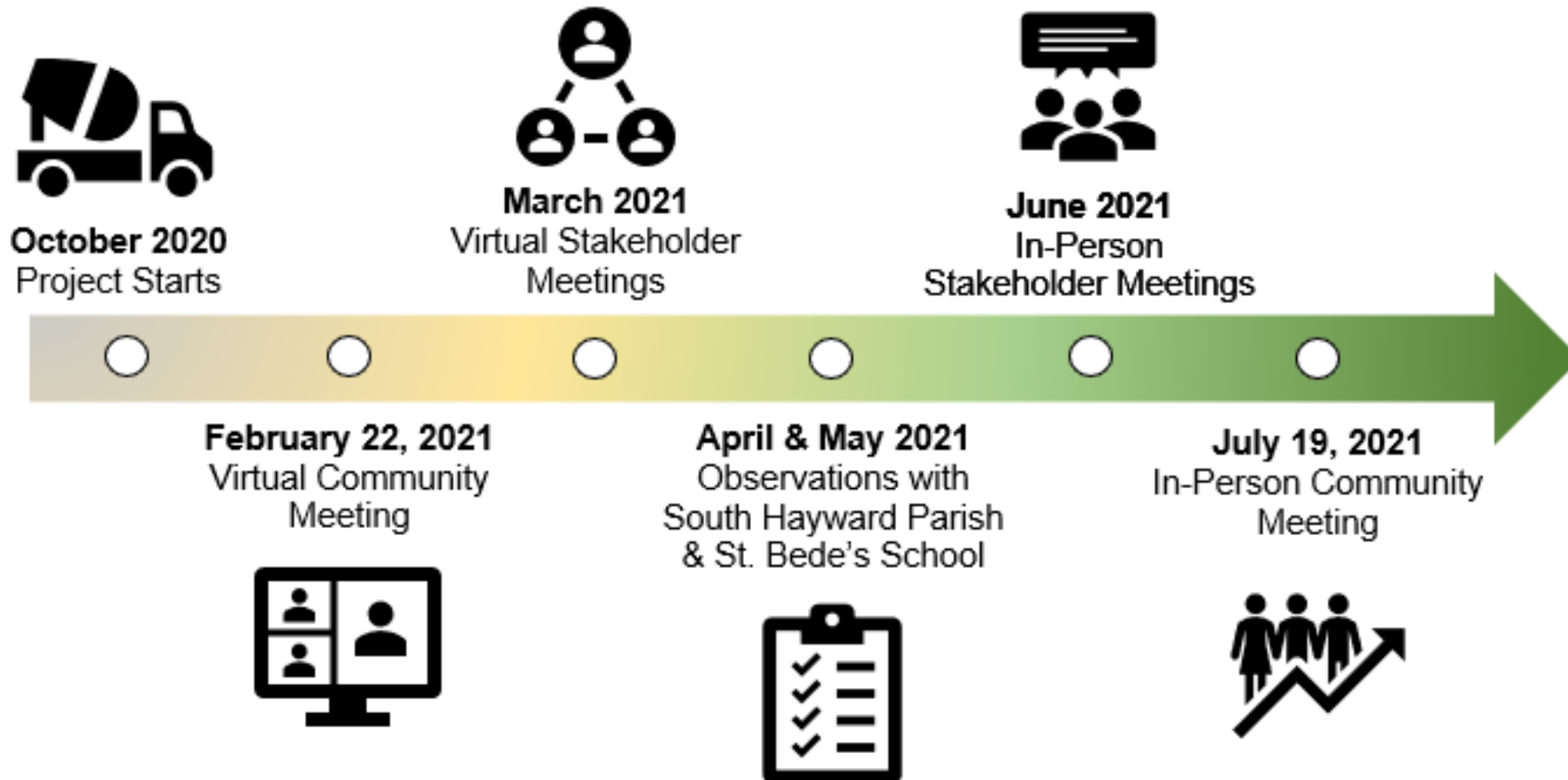
// Next Steps

// Questions

CHANGES IN OCTOBER 2020

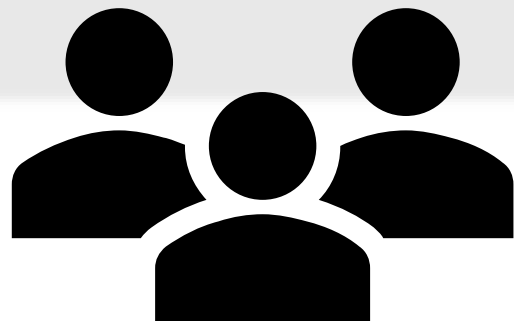


COMMUNITY FEEDBACK

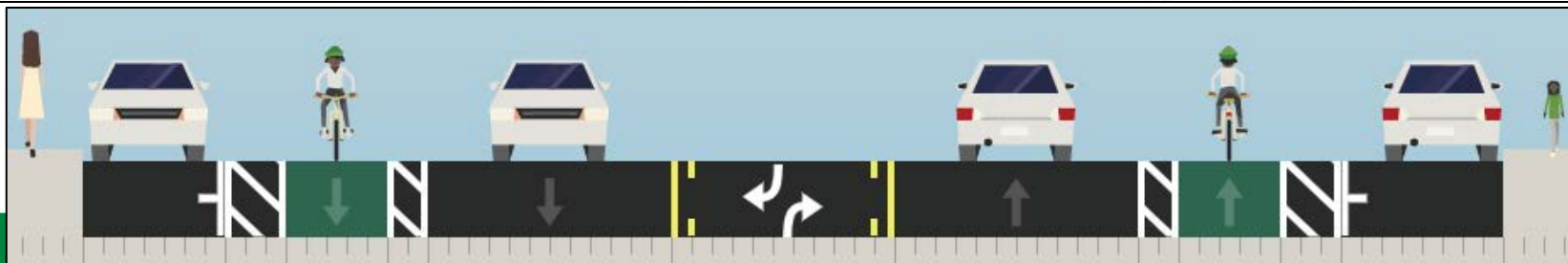


COMMUNITY FEEDBACK

- Left turns from Tennyson Road and merge confusion and back-up
- Parking in the middle of the street
- Sight lines from side streets and driveways
- South Hayward Parish Food Drive
- St. Bede's student and parishioner drop-off queue
- Pedestrian visibility at crosswalks
- Loading at Yeyo's Market
- Left turn from Gading Rd



MOVE PARKING BACK ALONG CURB

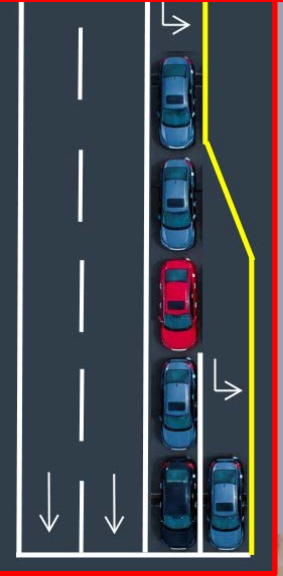


COMMUNITY FEEDBACK: from Tennyson Rd to Rieger Ave

Tennyson Rd

Rieger Ave

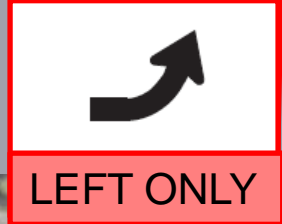
LEFT LANE BACKUP ON TENNYSON



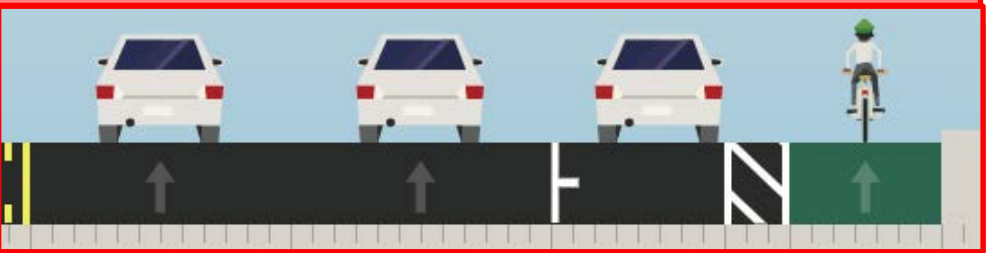
SHORT TURN LANES



SWITCH LANES TOO SOON



PARKING IN THE MIDDLE OF STREET

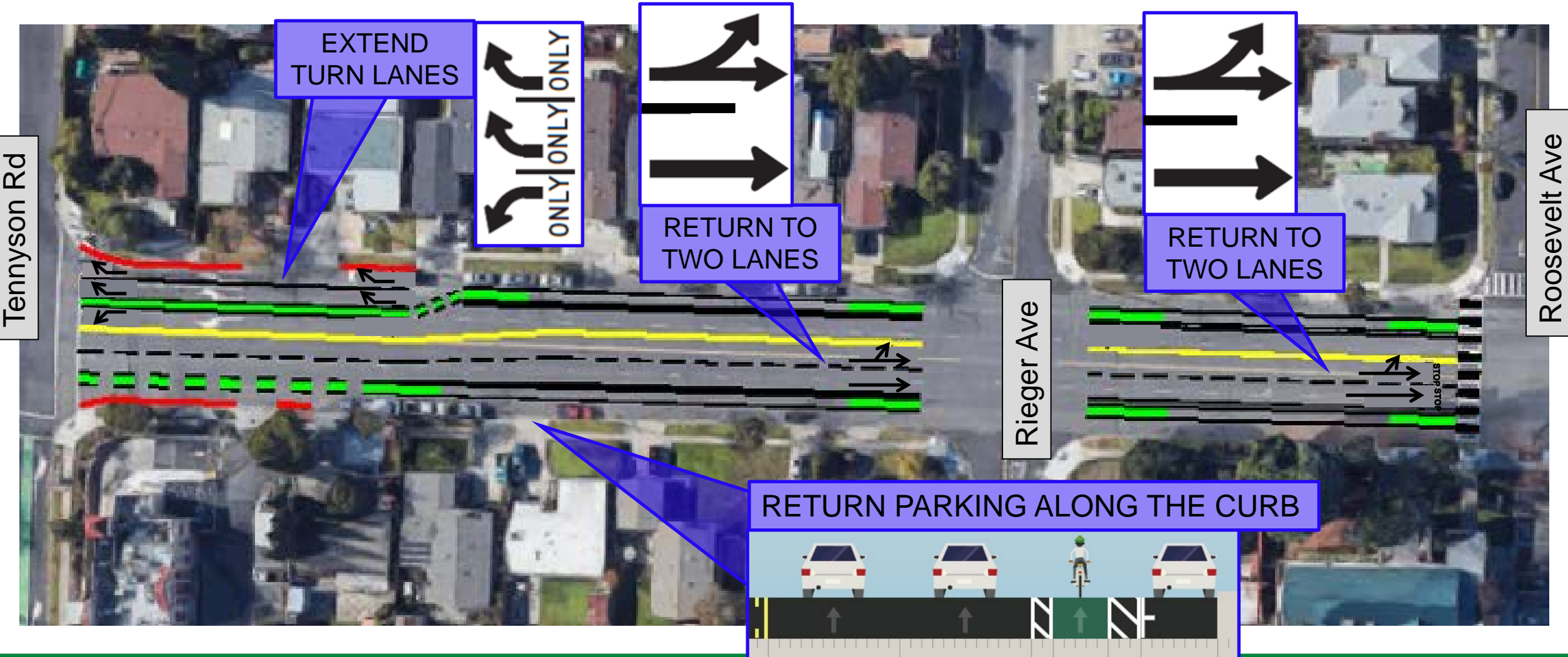


HARD TO SEE WHEN TURNING FROM SIDE STREET

DRIVEWAY VISIBILITY



HOW WE ARE ADDRESSING from Roosevelt Ave to Gomer St



HOW WE ARE ADDRESSING from Tennyson Rd to Gomer St



MOVE MERGE FURTHER AWAY
FROM TENNYSON TO PREVENT
BACK UP AND CONFUSION

PARKING & FOOD DRIVE
QUEUE ALONG THE CURB



Roosevelt Ave

Gomer St

COMMUNITY FEEDBACK: Between Gomer St & Mid-block Crosswalk

St. Bede Lane

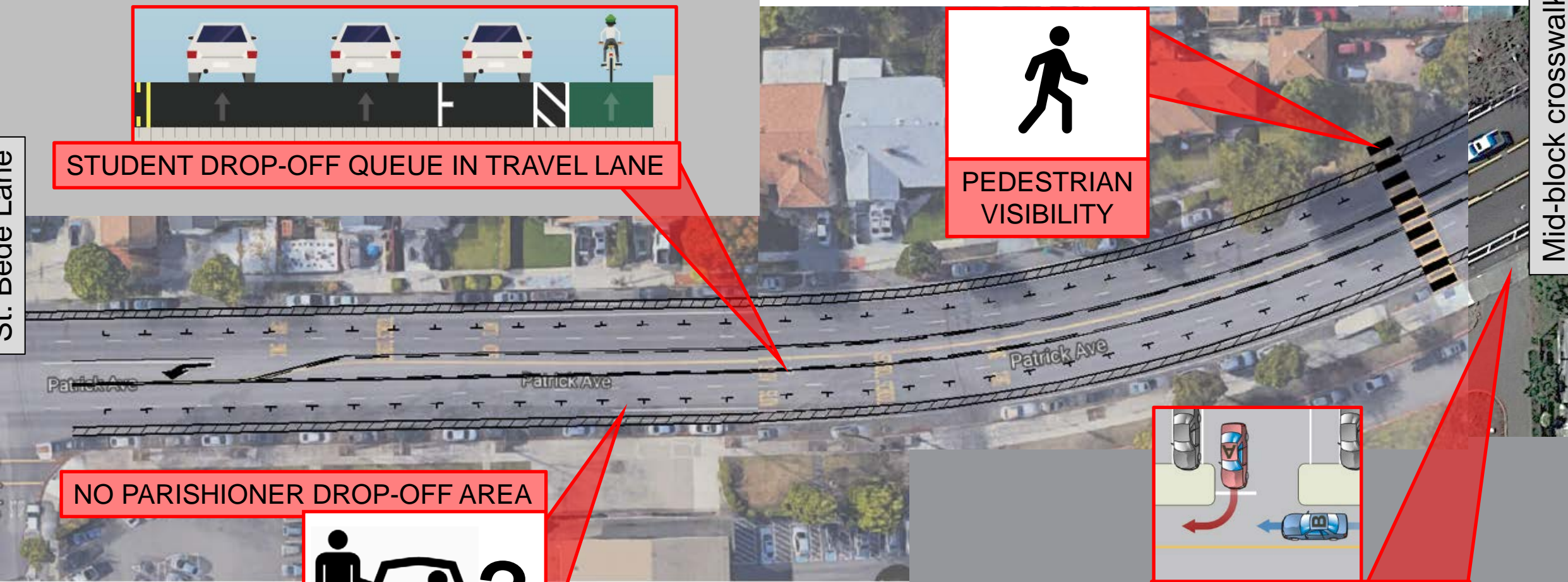


STUDENT DROP-OFF QUEUE IN TRAVEL LANE

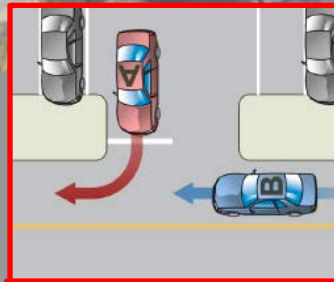


PEDESTRIAN VISIBILITY

Mid-block crosswalk

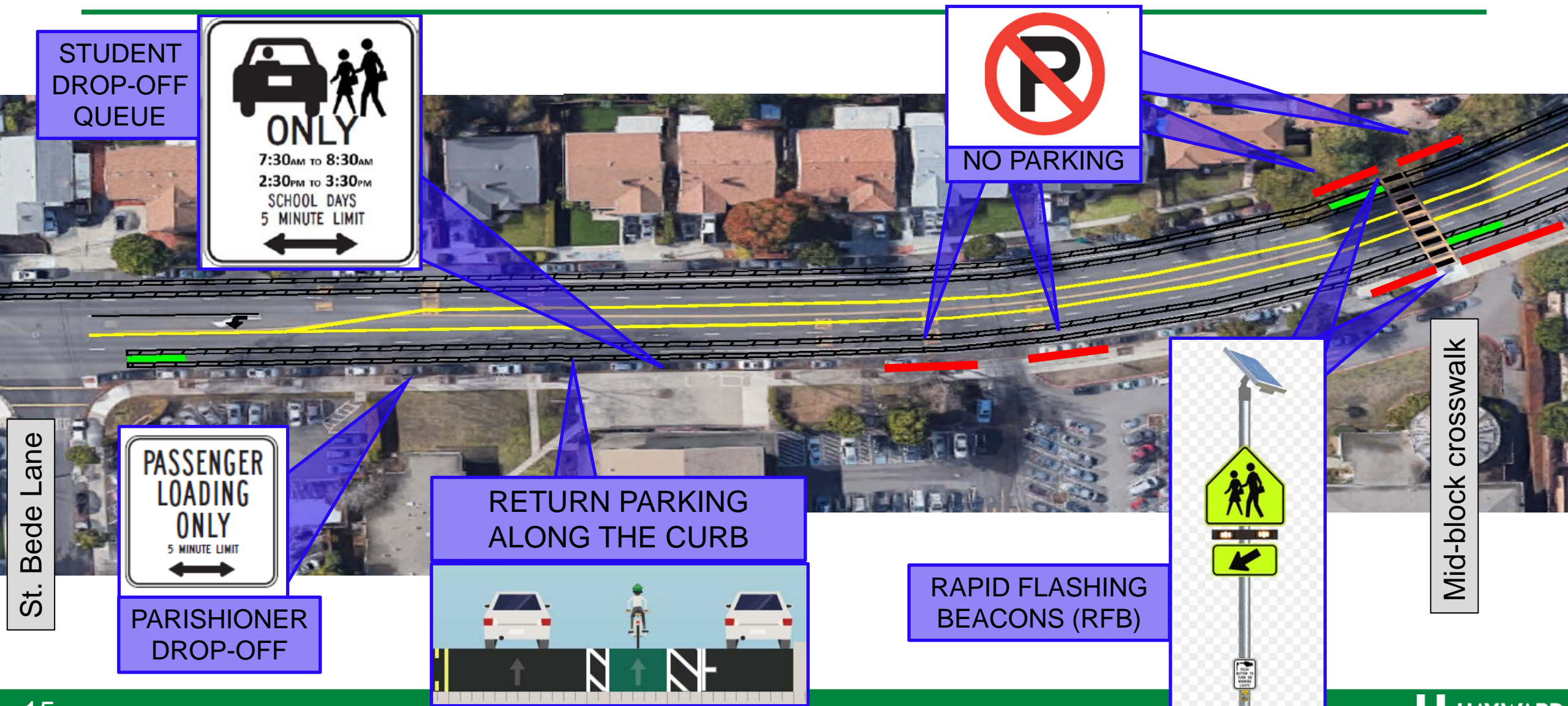


NO PARISHIONER DROP-OFF AREA

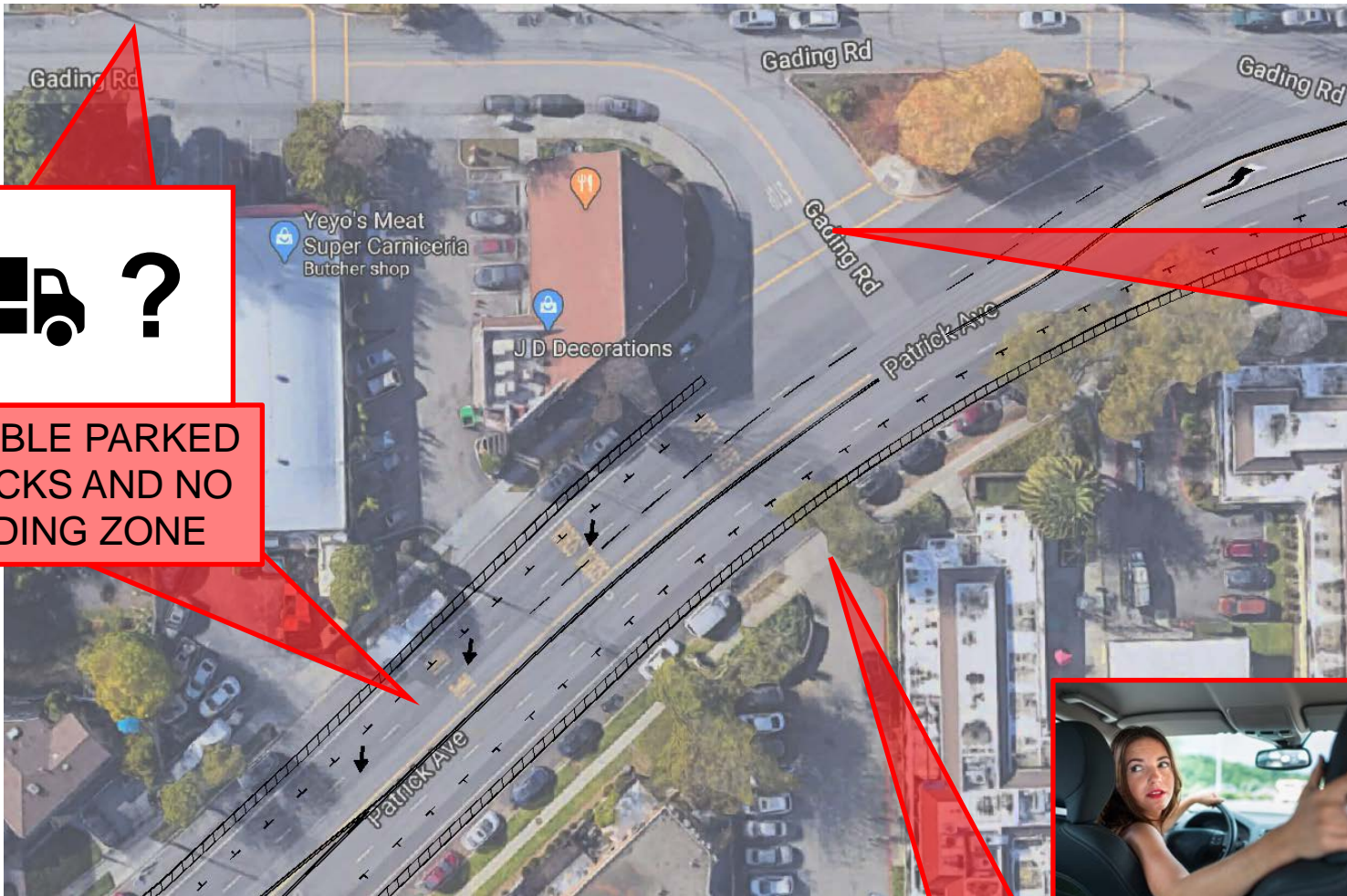


DRIVEWAY VISIBILITY

HOW WE ARE ADDRESSING FEEDBACK From Gomer St to Mid-block Crosswalk



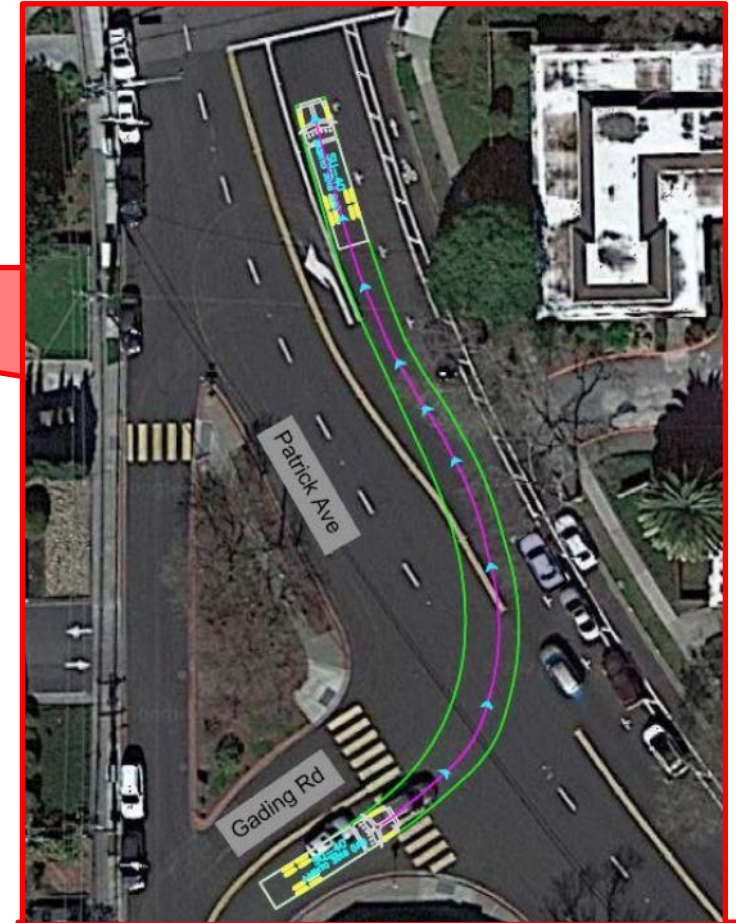
COMMUNITY FEEDBACK: From Mid-block Crosswalk to Schafer Rd



DOUBLE PARKED TRUCKS AND NO LOADING ZONE

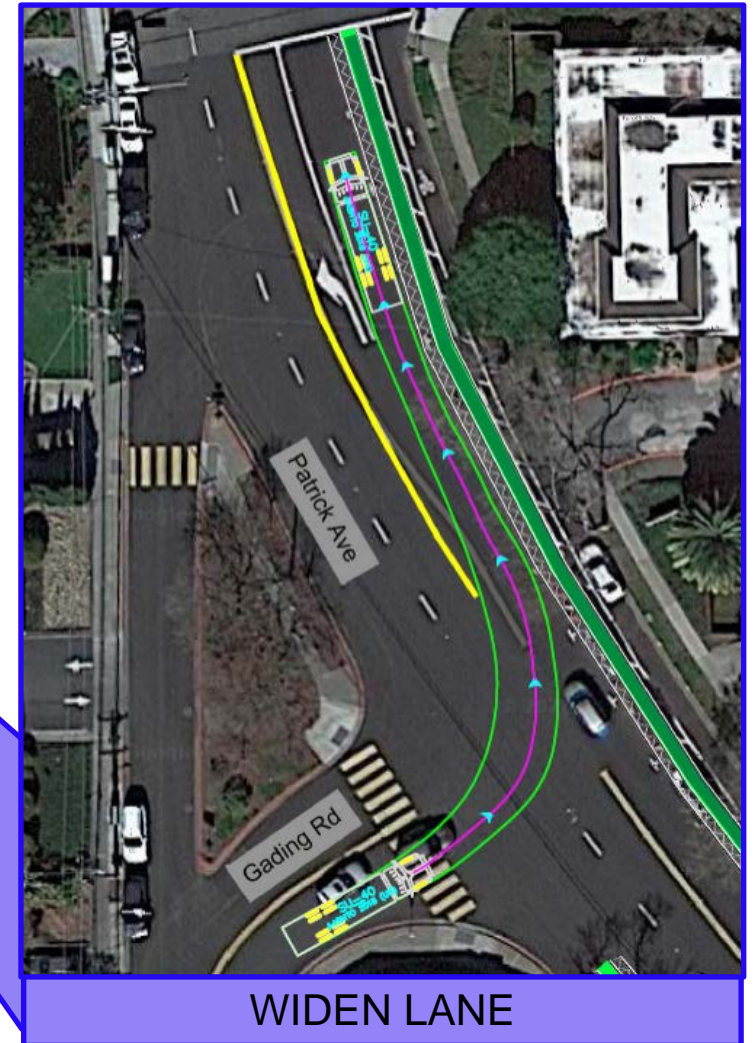
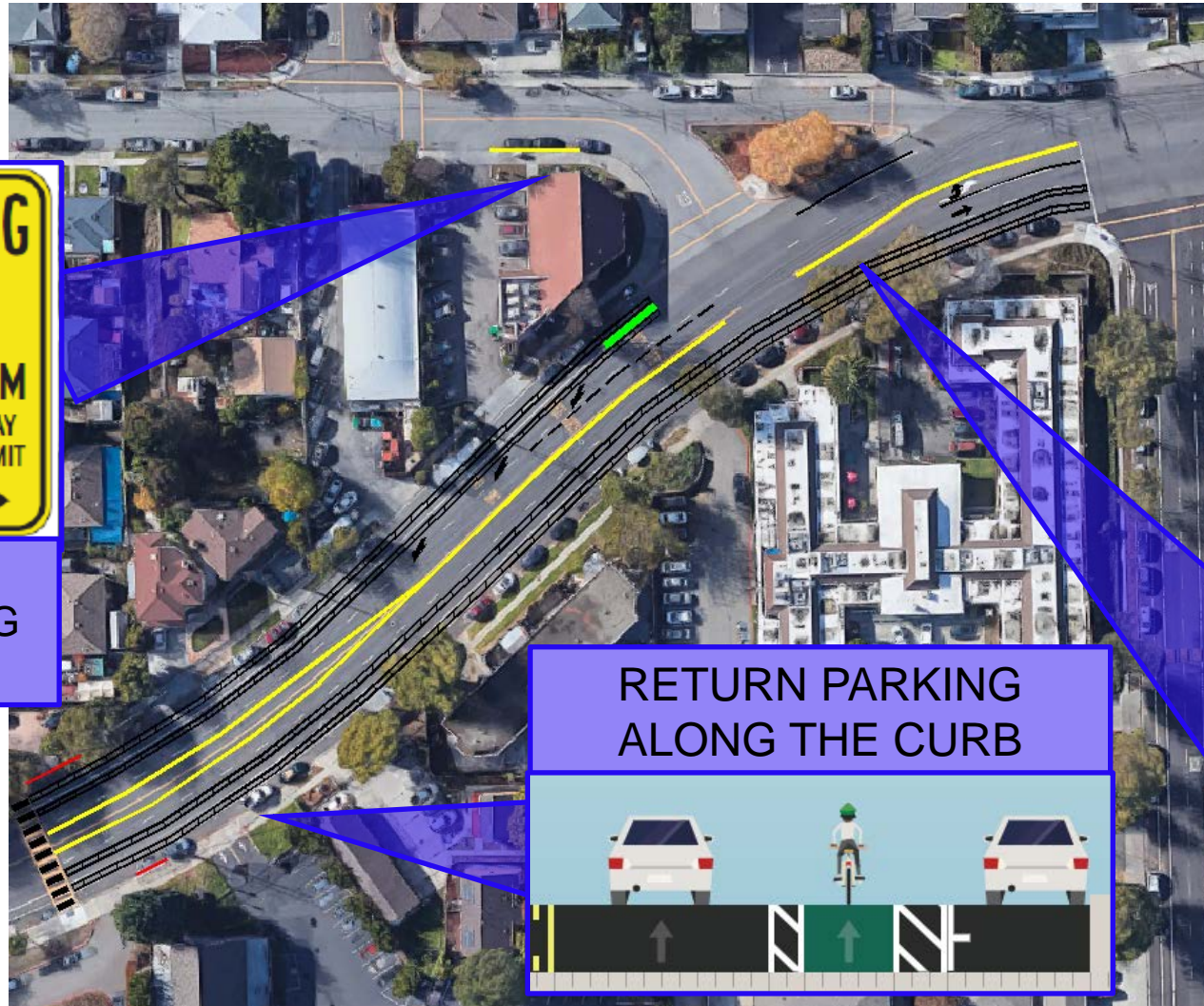


DRIVEWAY VISIBILITY



TIGHT LEFT TURNS FROM GADING CROSS DOUBLE YELLOW LINES

HOW WE ARE ADDRESSING FEEDBACK From Mid-block Crosswalk to Schafer Rd



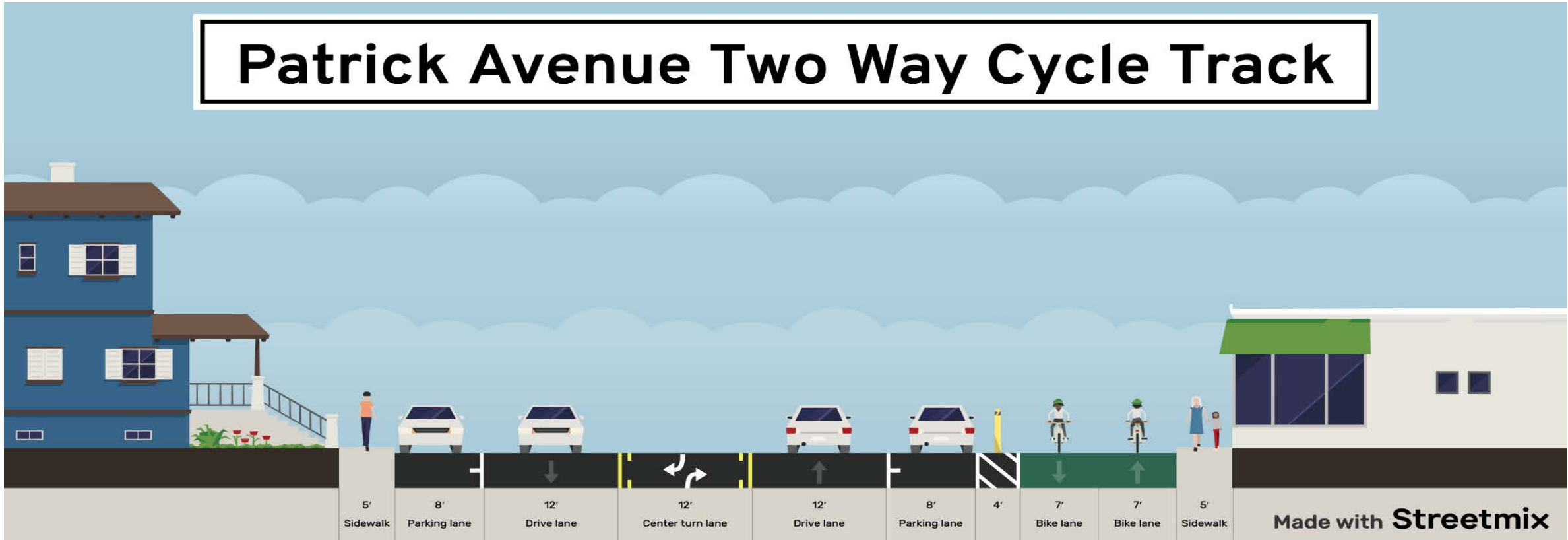
ADDRESSING COMMUNITY FEEDBACK

Proposed Changes Presented at July 19 Community Meeting

- ✓ Proposed Changes were generally well-received

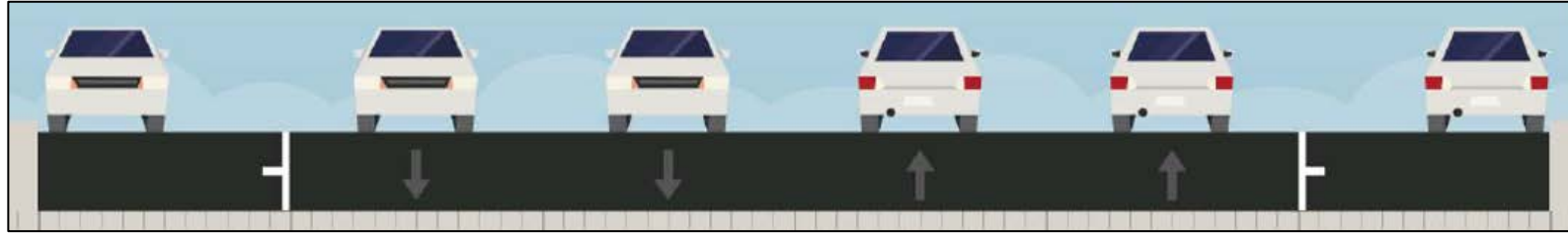
- ✓ Some additional suggestions were:
 - Patrick Ave and Westwood - Need stop signs on Patrick at Westwood
 - Extend red curb at intersections to increase visibility
 - No commercial vehicle parking along Patrick Ave
 - Two-way cycle track for bicyclists

Feedback from Bike East Bay



This design was proposed by BEB and distributed to staff at the 7/19/21 community meeting.

ALTERNATIVE OPTION ANALYZED BUT NOT PROPOSED



RETURN TO EXISTING WITH FOUR VEHICLE LANES

- Loss of safety benefits and reduced speeds
- Poor visibility of pedestrian crossings
- Longer crossing distances
- No bike lanes
- Increase in collisions
- Less safe and more difficult to cross four lanes of traffic

ALTERNATIVE OPTION ANALYZED BUT NOT PROPOSED



LEAVE BIKE LANES ALONG CURB & INSTALL VERTICAL BARRIERS

- Not responsive to Community feedback
- Parking in the middle of the street
- Difficult to see when turning from side street/driveway
- Student drop-off queue issues
- Loading zone issues at Yeyo's Market

Presentation Agenda

// Project Goals

// Community Feedback

➤ **Next Steps**

// Questions

NEXT STEPS



Presentation Agenda

// Project Goals

// Community Feedback

// Next Steps

➤ Questions

Council Infrastructure Committee Meeting

MISSION BOULEVARD LINEAR PARK

July 28th, 2021



OVERVIEW

Project Introduction

Design Concept + Park Design

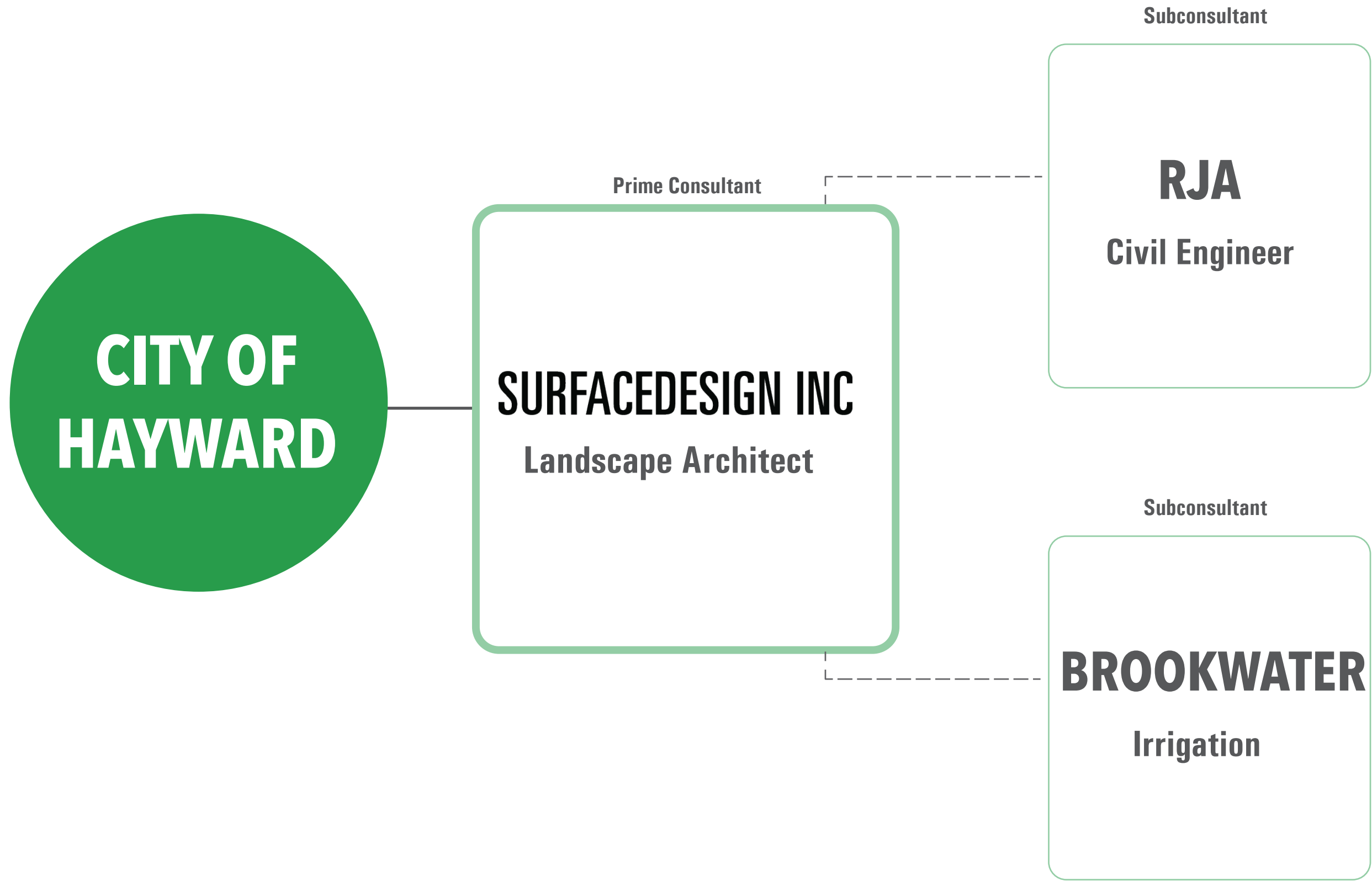
Community Feedback

Material Upcycling + Park Elements

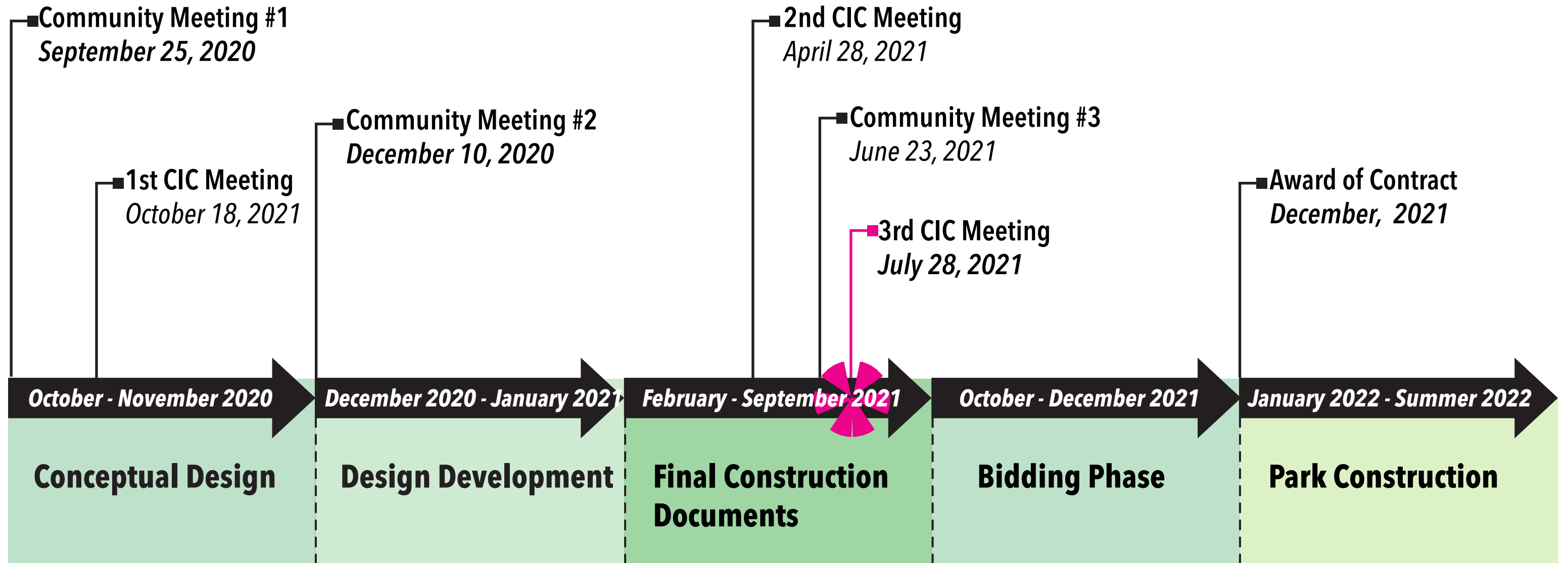
Planting Strategy

Next Steps

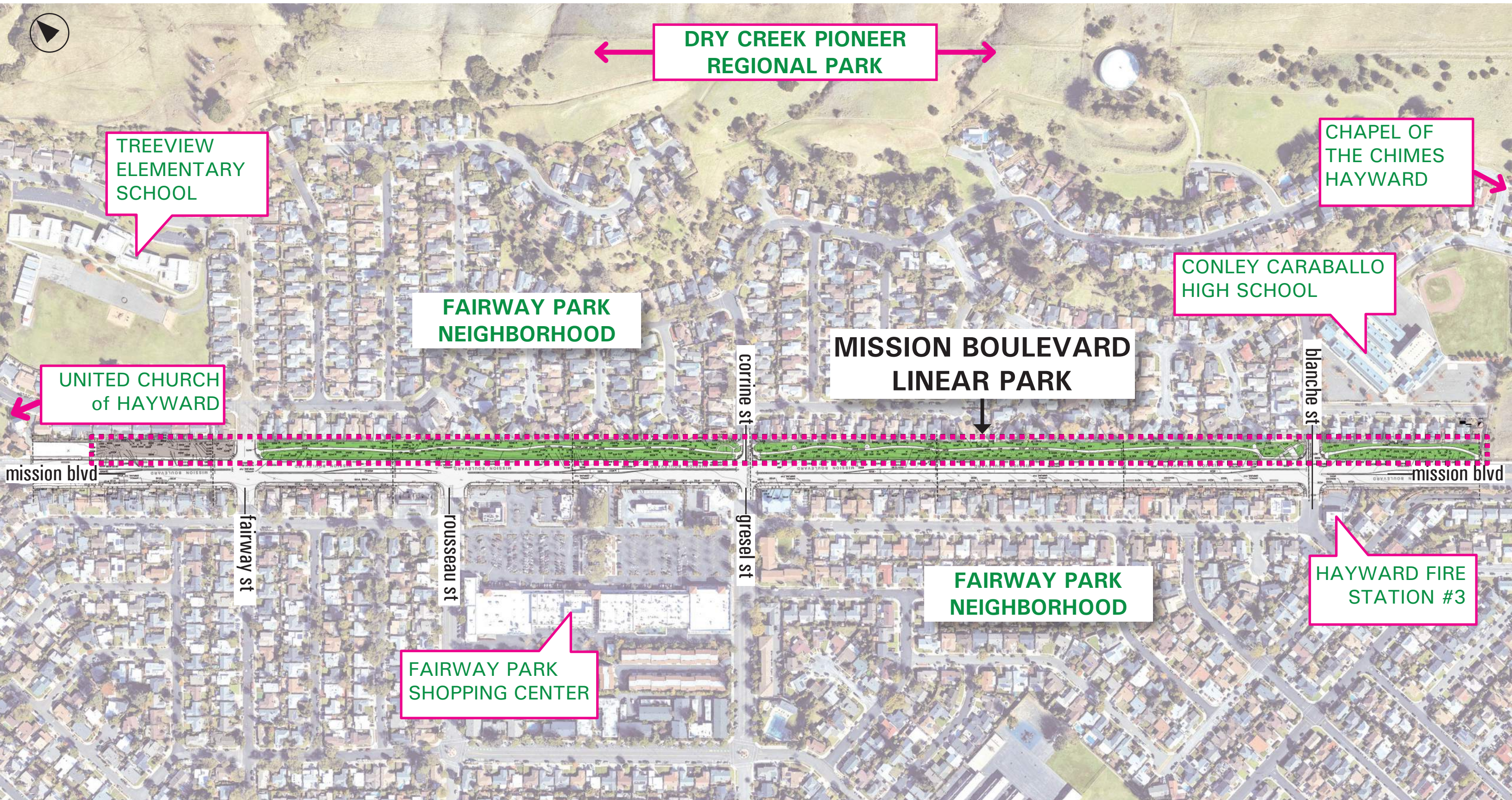
DESIGN TEAM INTRODUCTION



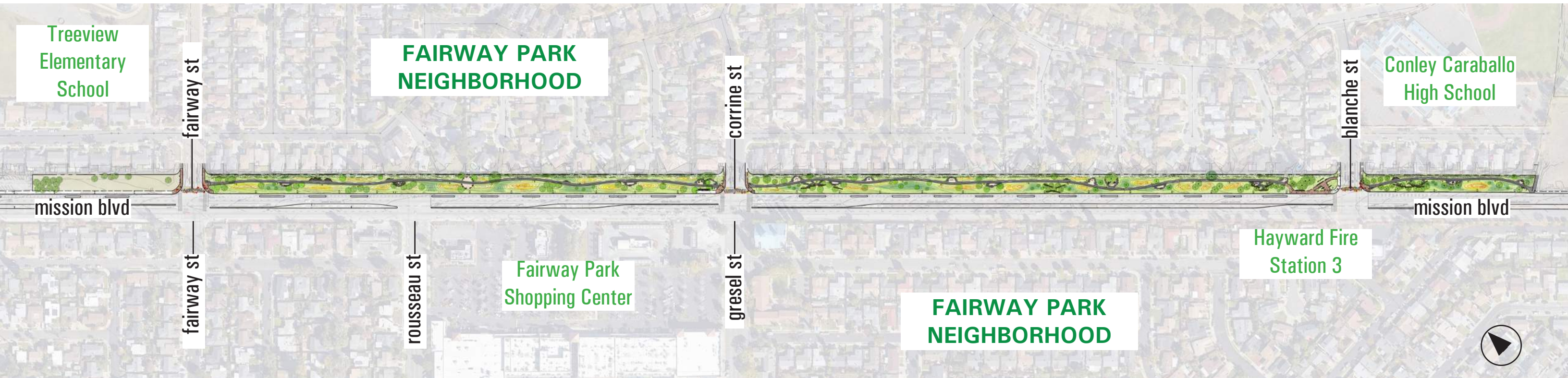
PROJECT TIMELINE



PROJECT AREA



ILLUSTRATIVE PLAN

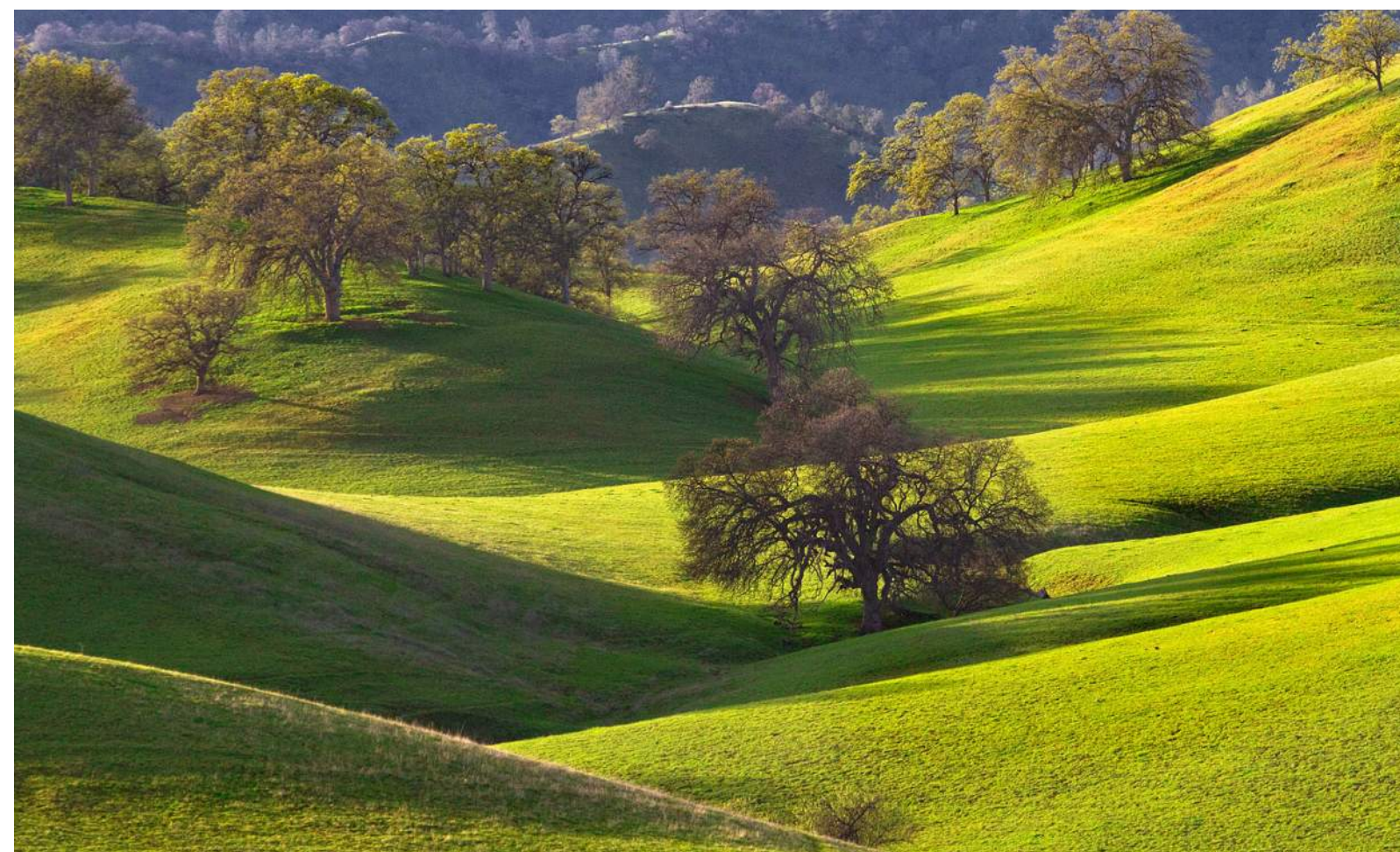
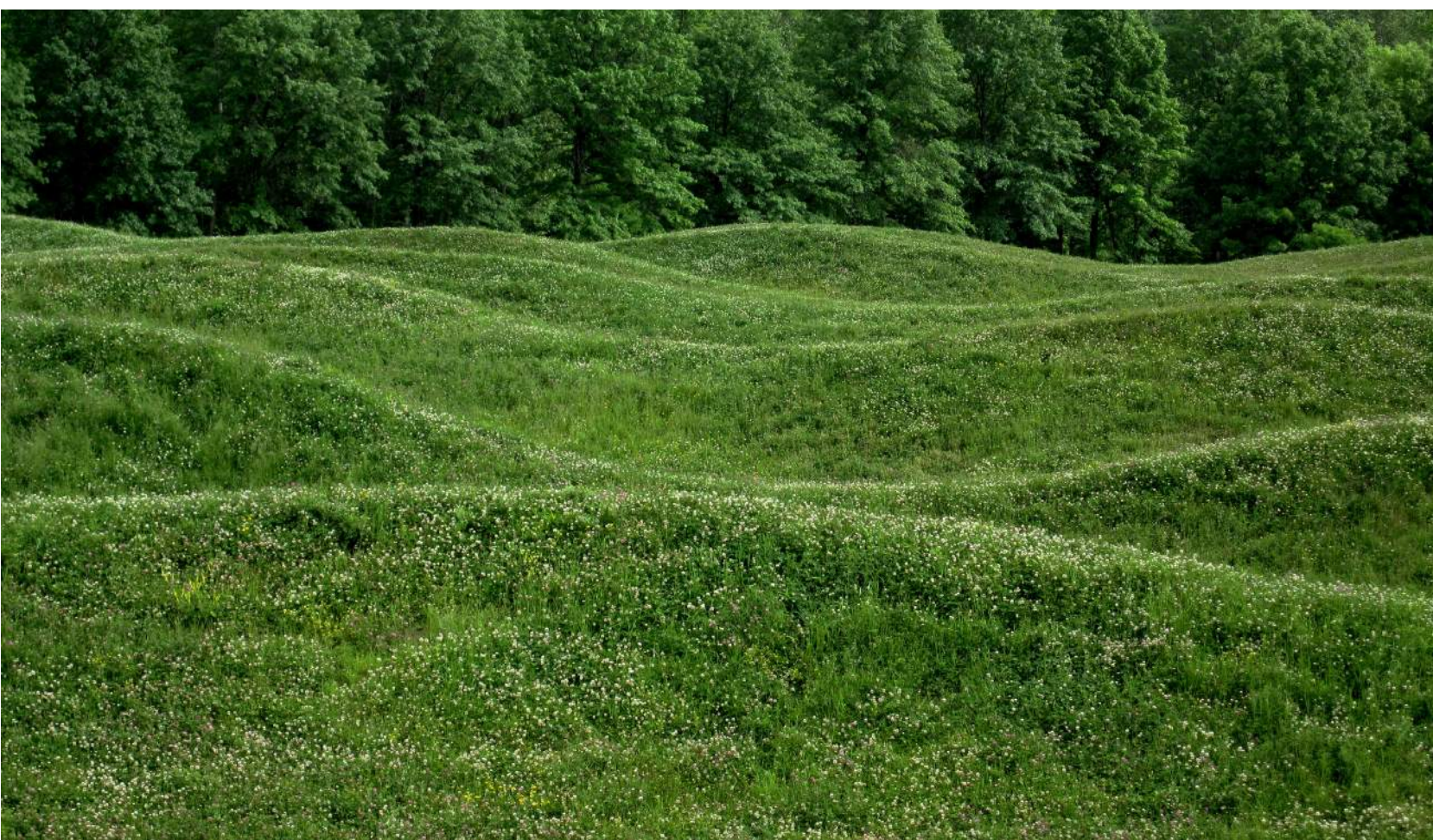


Approved Construction Budget of \$2,000,000 Includes:

- 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 70-75 Deciduous and Evergreen Trees
- Incorporate Upcycled Seating + Shade Element
- Implement Art Crosswalks, Trash Receptacles and Dog Stations

A landscape of rolling hills with golden grass and green trees under a warm sky. The hills are covered in dry, golden-brown grass, and there are several large, dense green trees scattered across the landscape. The sky is a warm, golden color, suggesting a sunset or sunrise. The overall scene is peaceful and scenic.

DESIGN CONCEPT



ADJACENT ECOLOGIES

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



OAK SAVANNA / EAST BAY HILLS



BRINGING THE HILLS TO THE PARK

BACKGROUND



MIDGROUND

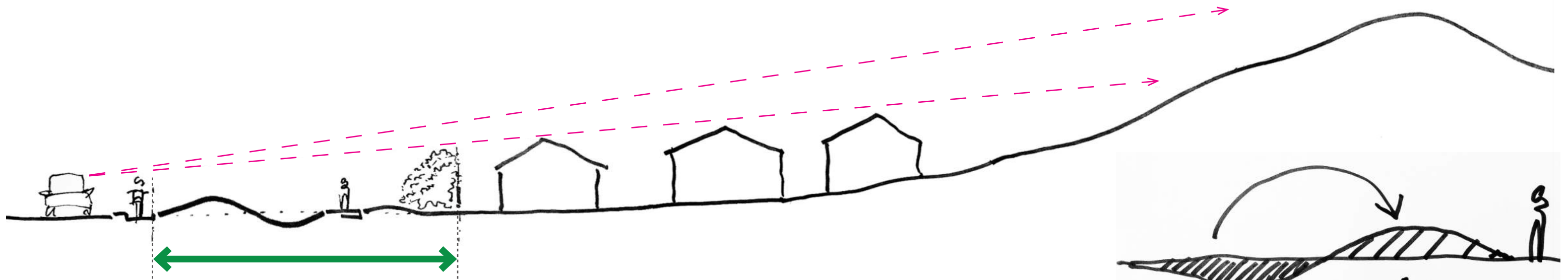


FOREGROUND



DESIGN and GRADING STRATEGY

- Shape Earth on Site to Make Larger Link to East Bay Hills and Create 3-Dimensional Interest
- Create Moments within the Park, beyond only 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
- Complete Vision of Mission Boulevard!

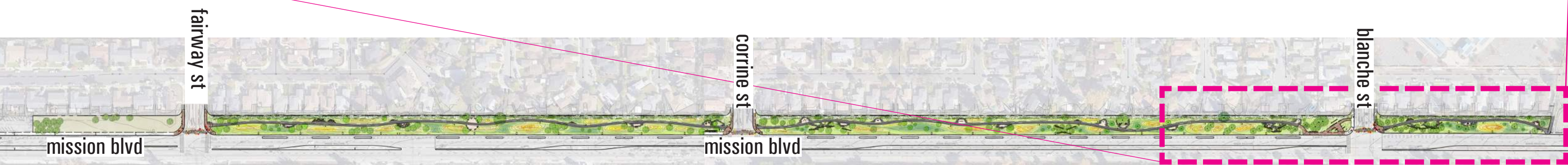
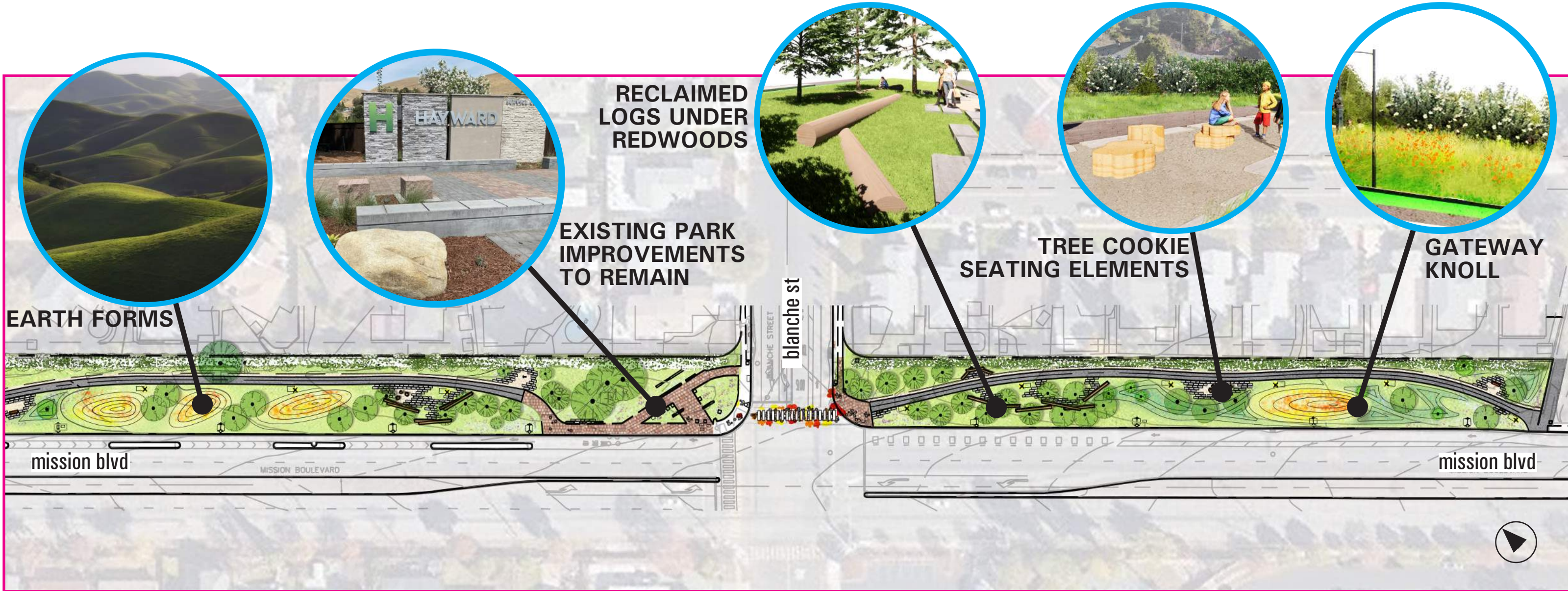


PARK DESIGN



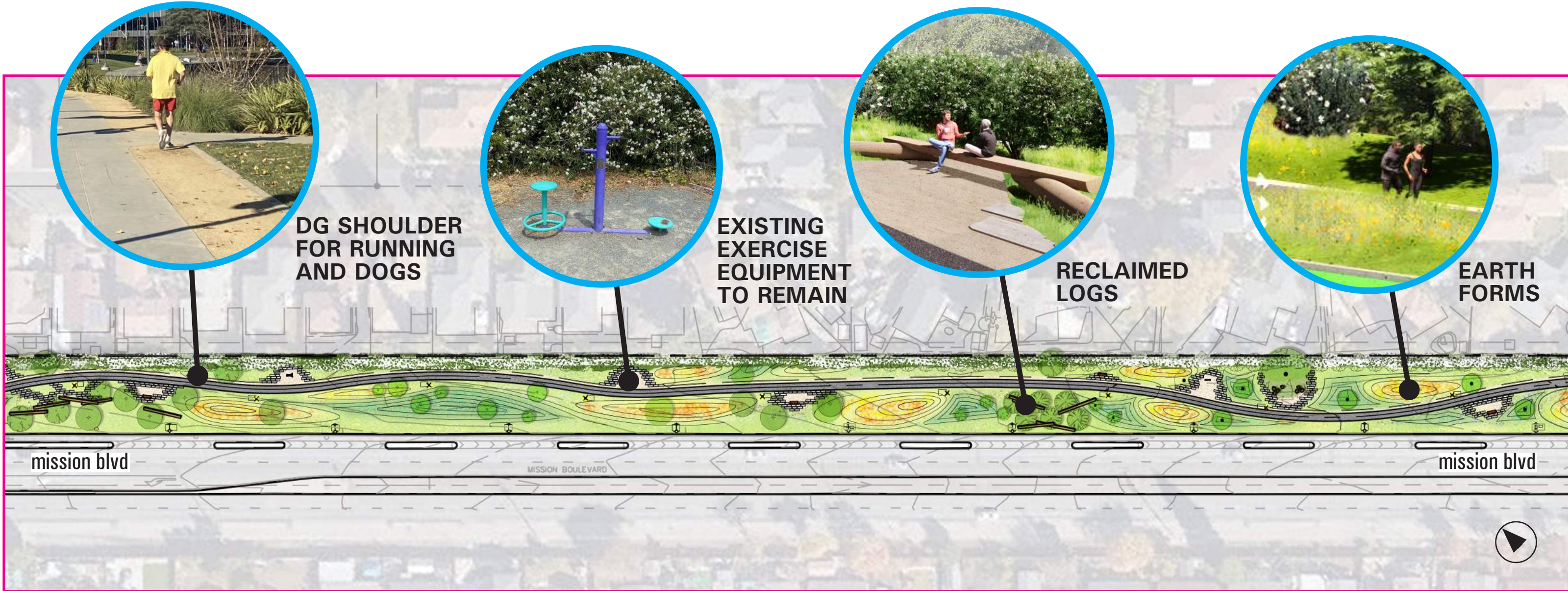
ILLUSTRATIVE PLAN

SOUTH GATEWAY < > BLANCHE ST



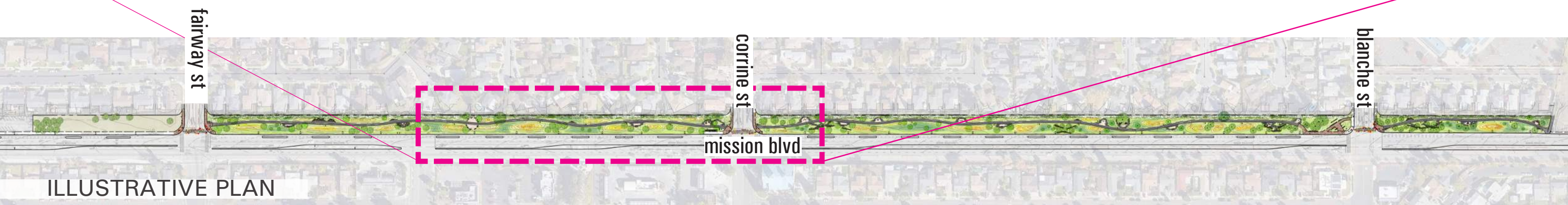
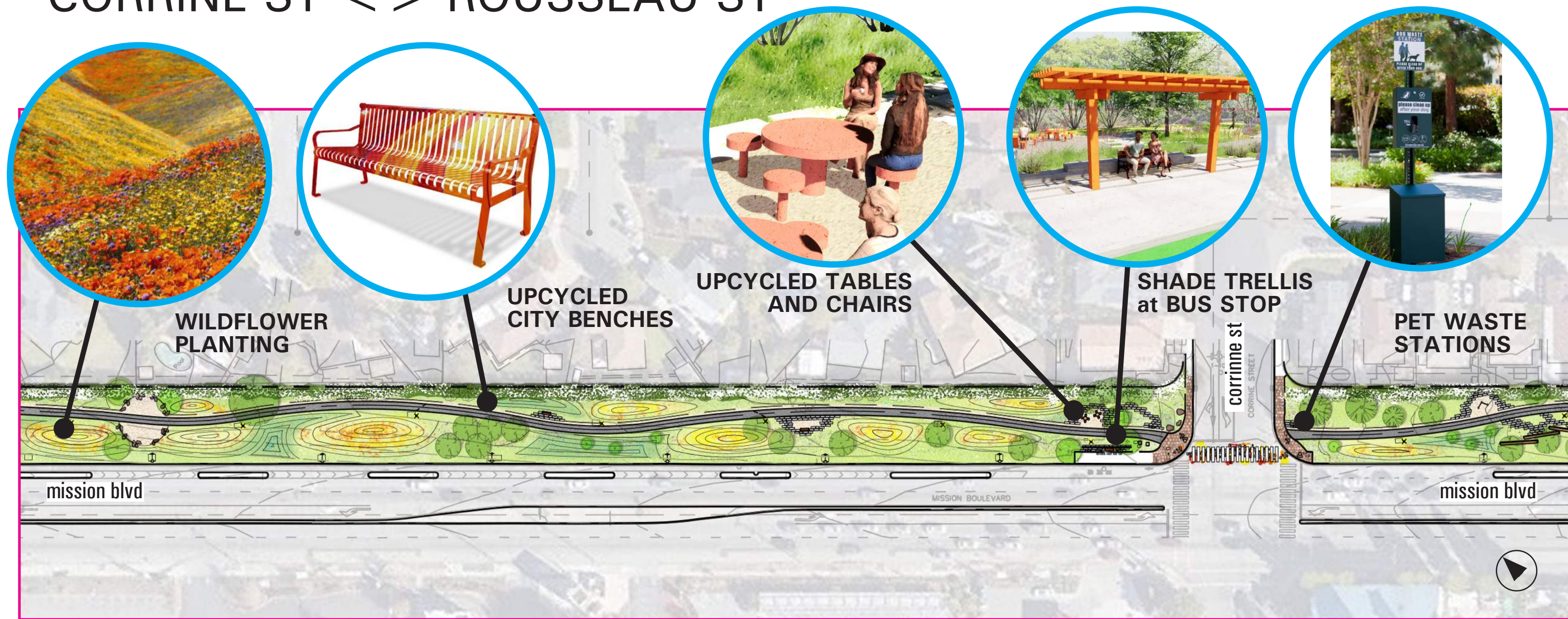
ILLUSTRATIVE PLAN

BLANCHE ST < > CORRINE ST



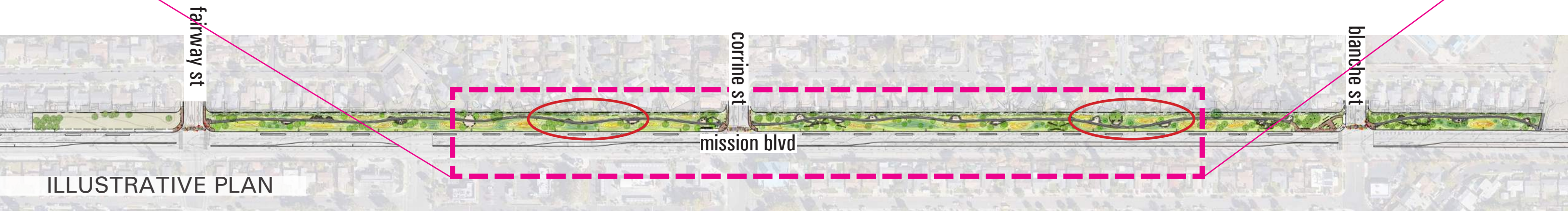
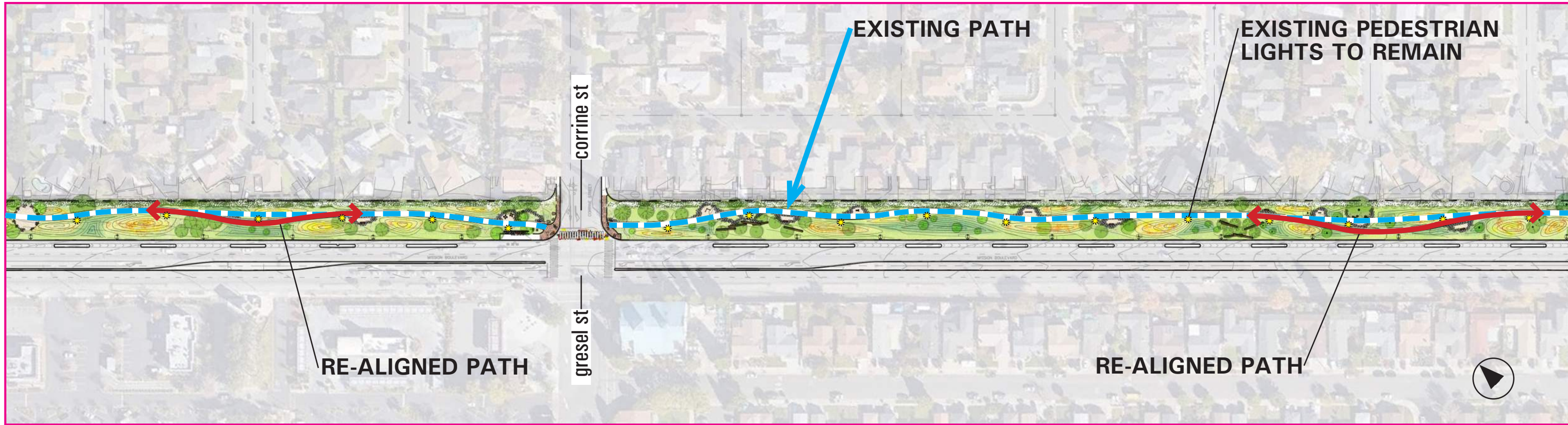
ILLUSTRATIVE PLAN

CORRINE ST < > ROUSSEAU ST

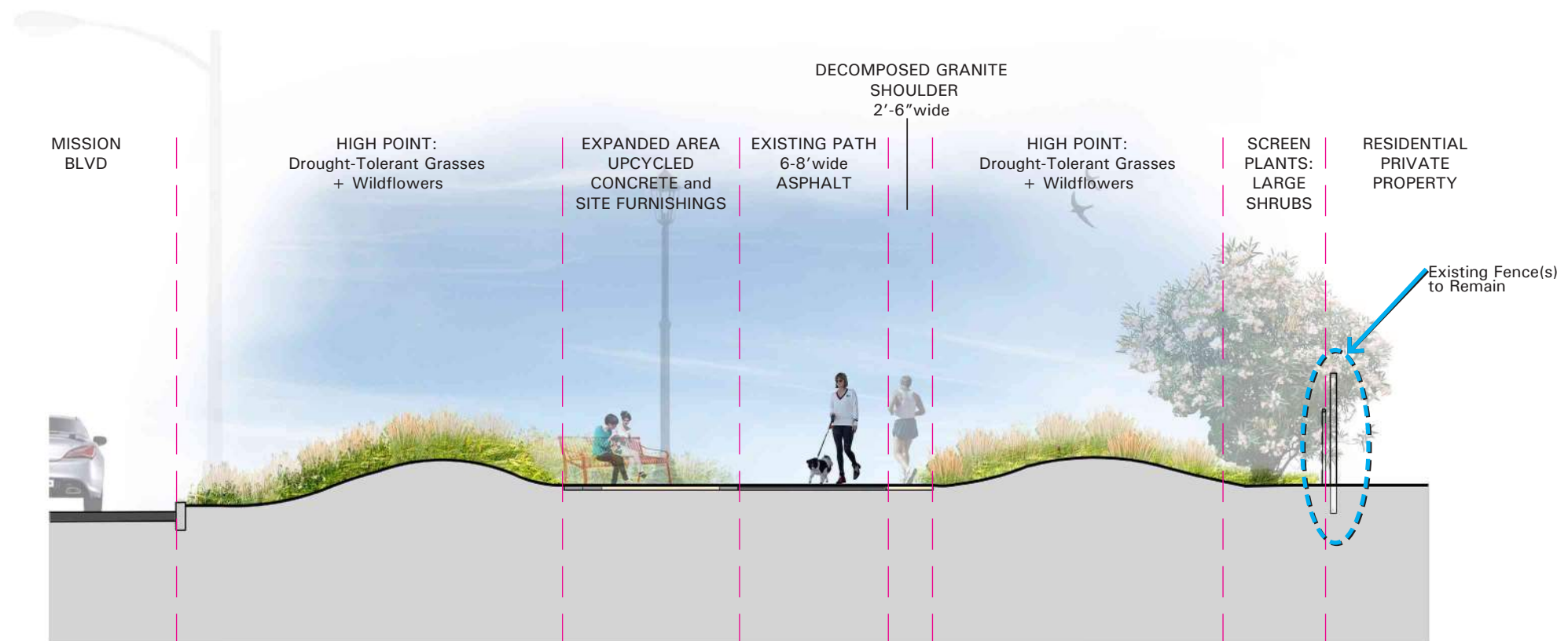
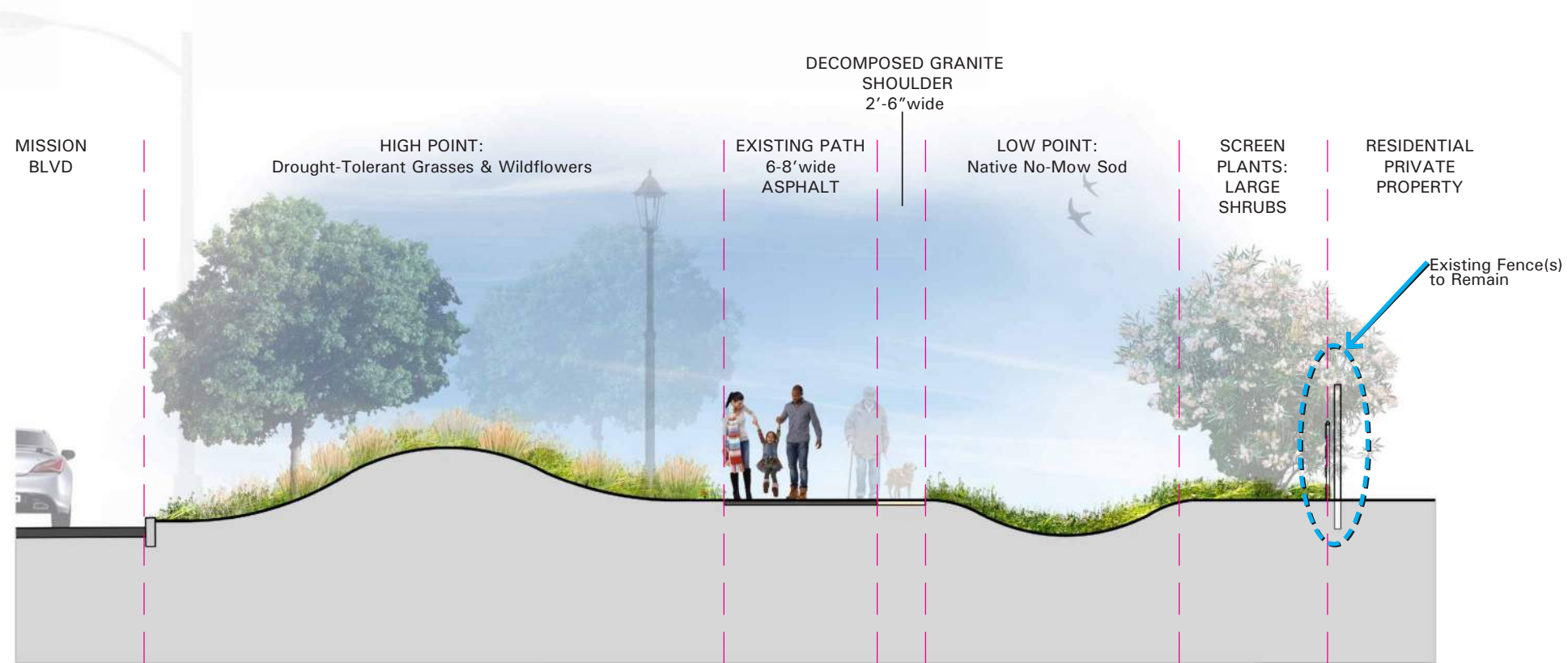


RE-ALIGN EXISTING PATH IN 2 PLACES

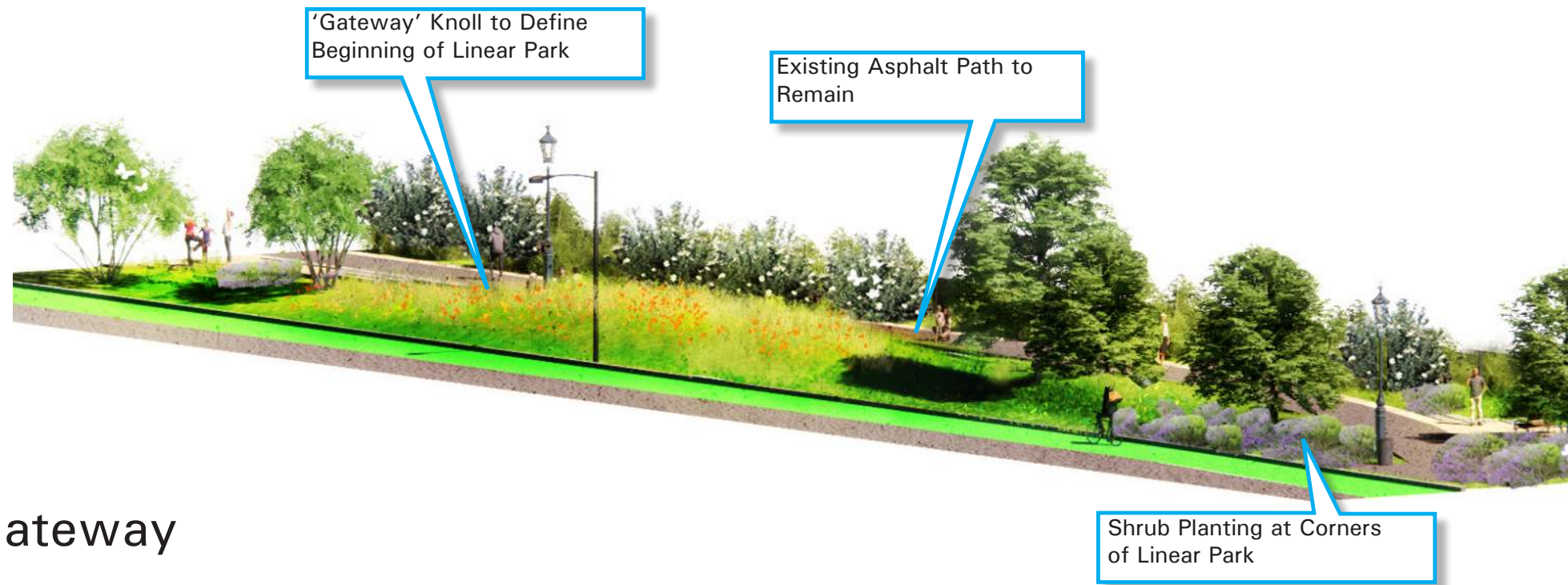
No Shift of Existing Pedestrian Lights



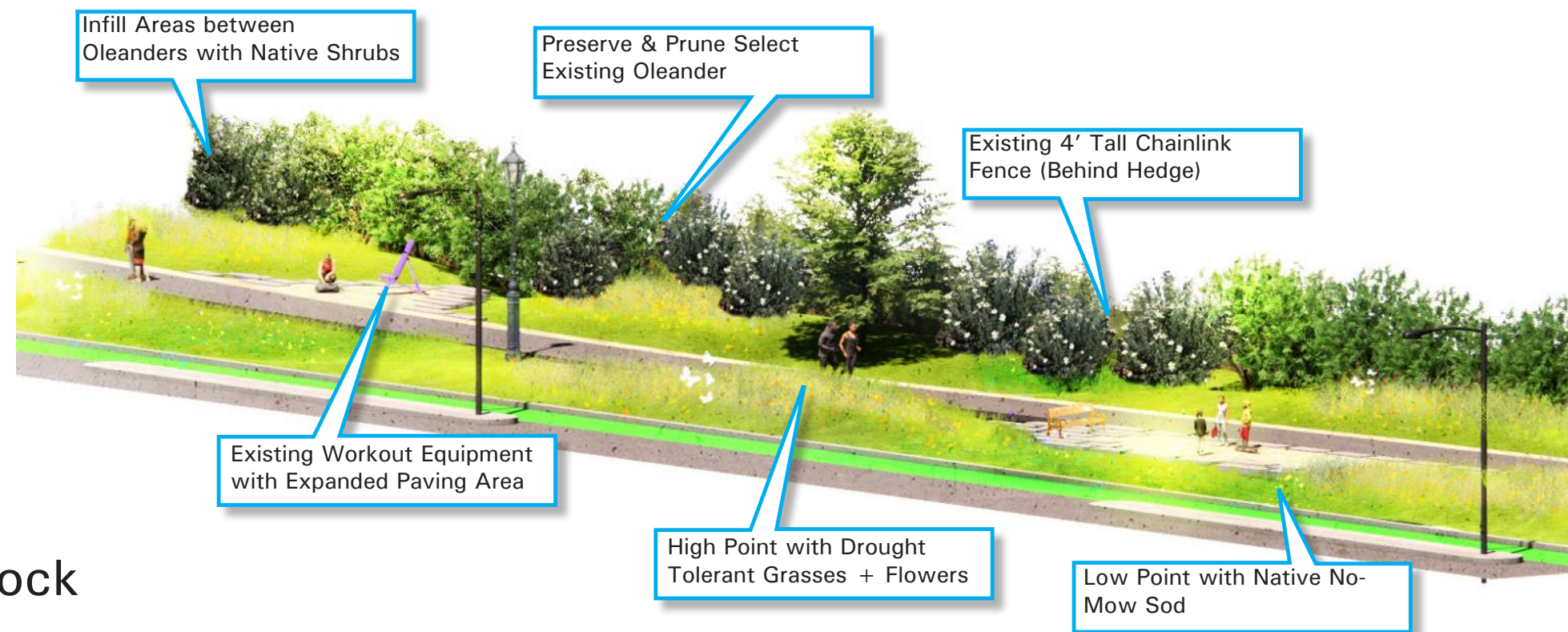
ABSTRACTING HILLS | TYPICAL SECTION



PARK CHARACTER

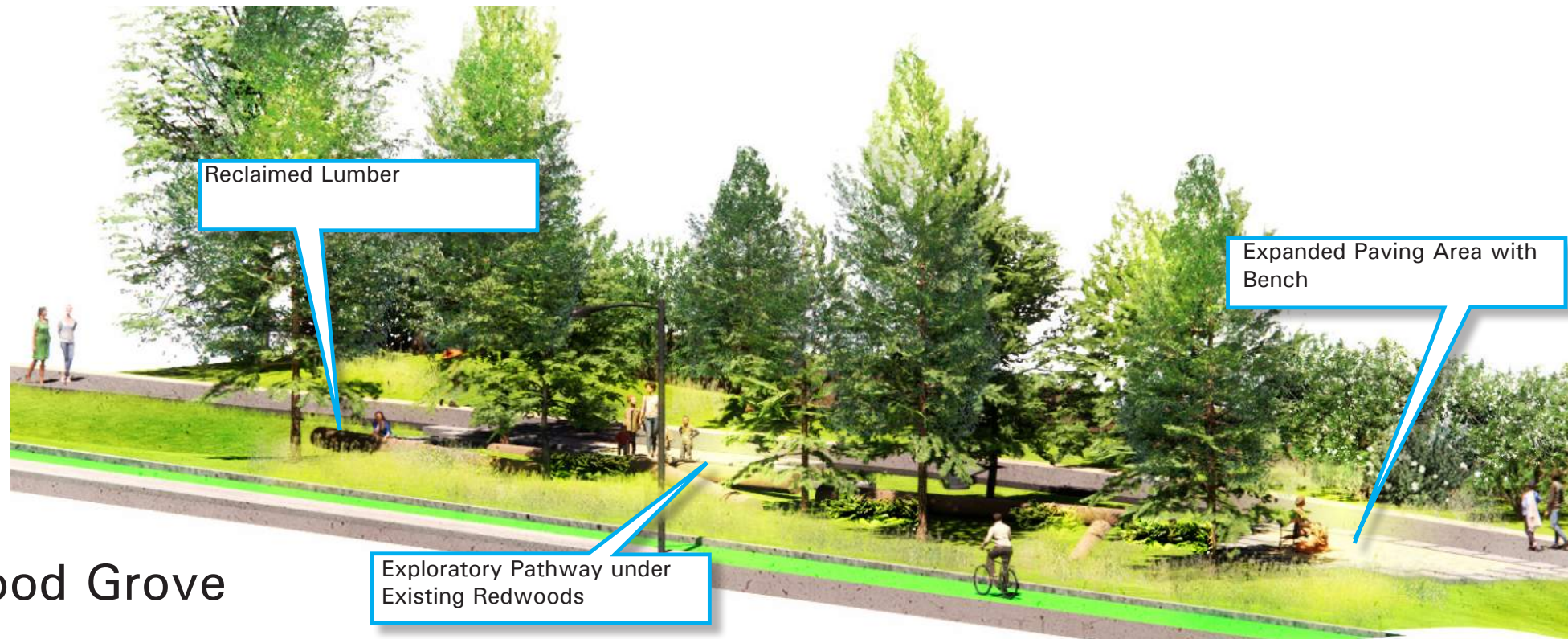


Park Gateway

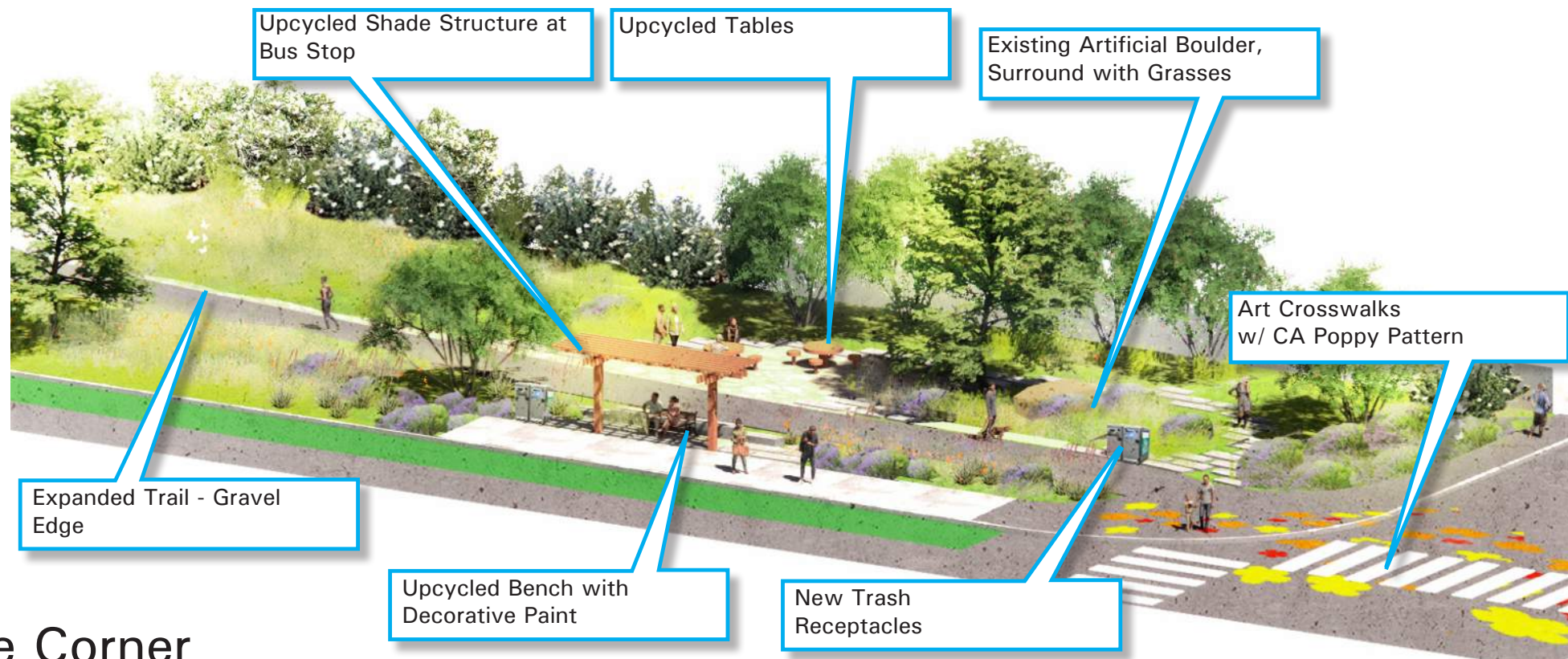


Mid-Block

PARK CHARACTER



Redwood Grove



Corrine Corner

COMMUNITY FEEDBACK

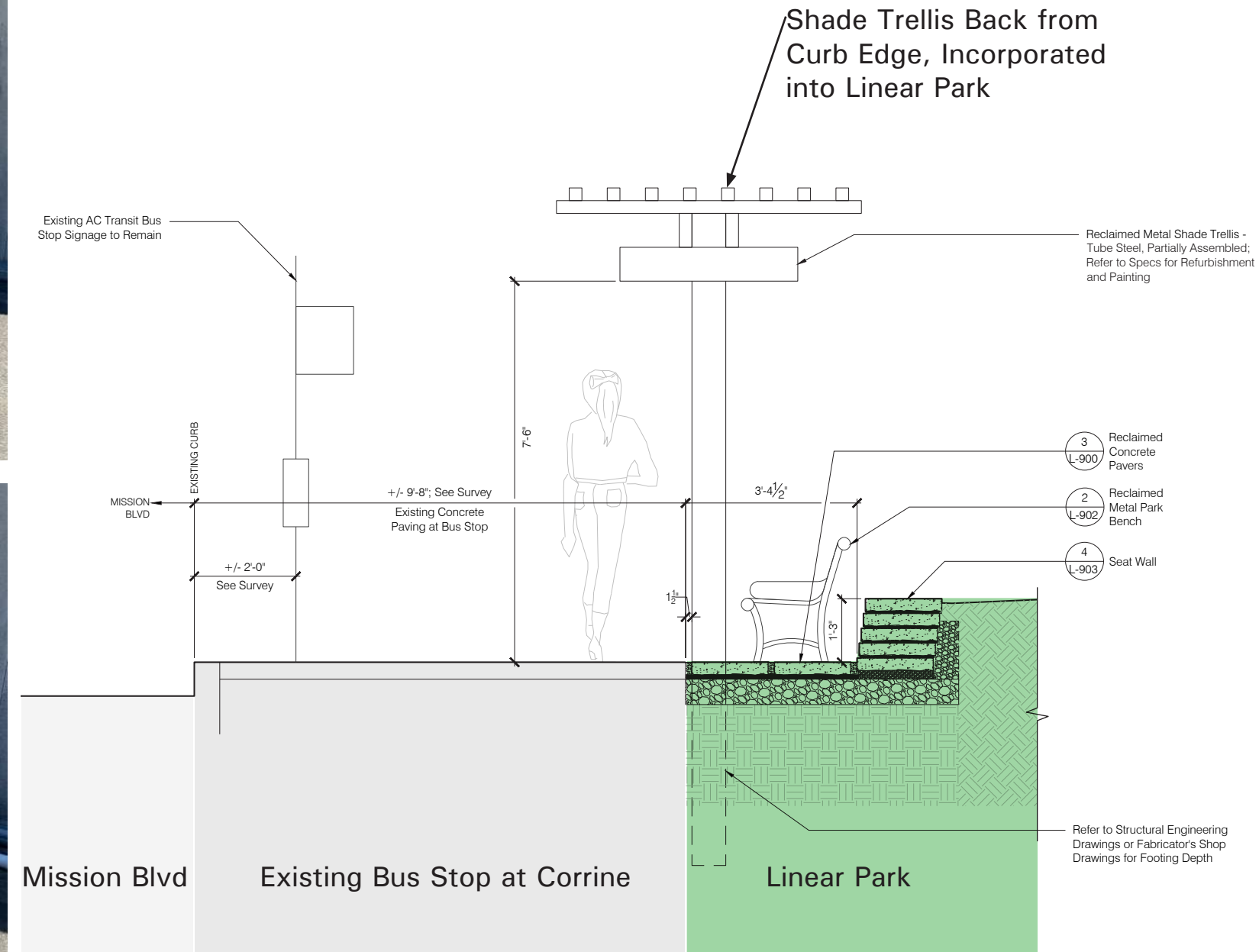
COMMUNITY OUTREACH - ADDITIONAL COMMENTS

BOULDERS **PRIVACY FOR HOMES**
BUS SHELTER **SHADE** **DOG STATIONS**
MAINTENANCE **EXERCISE EQUIPMENT**
UPKEEP
TREES **WILDFLOWERS** **ROAD / CROSSWALK SAFETY** **OLEANDERS**
GOPHER PROBLEMS
REMOVE IVY **BENCHES**
STREET NOISE **LIGHT POLLUTION** **NATIVE PLANTS** **GREEN** **TRASH ISSUES**

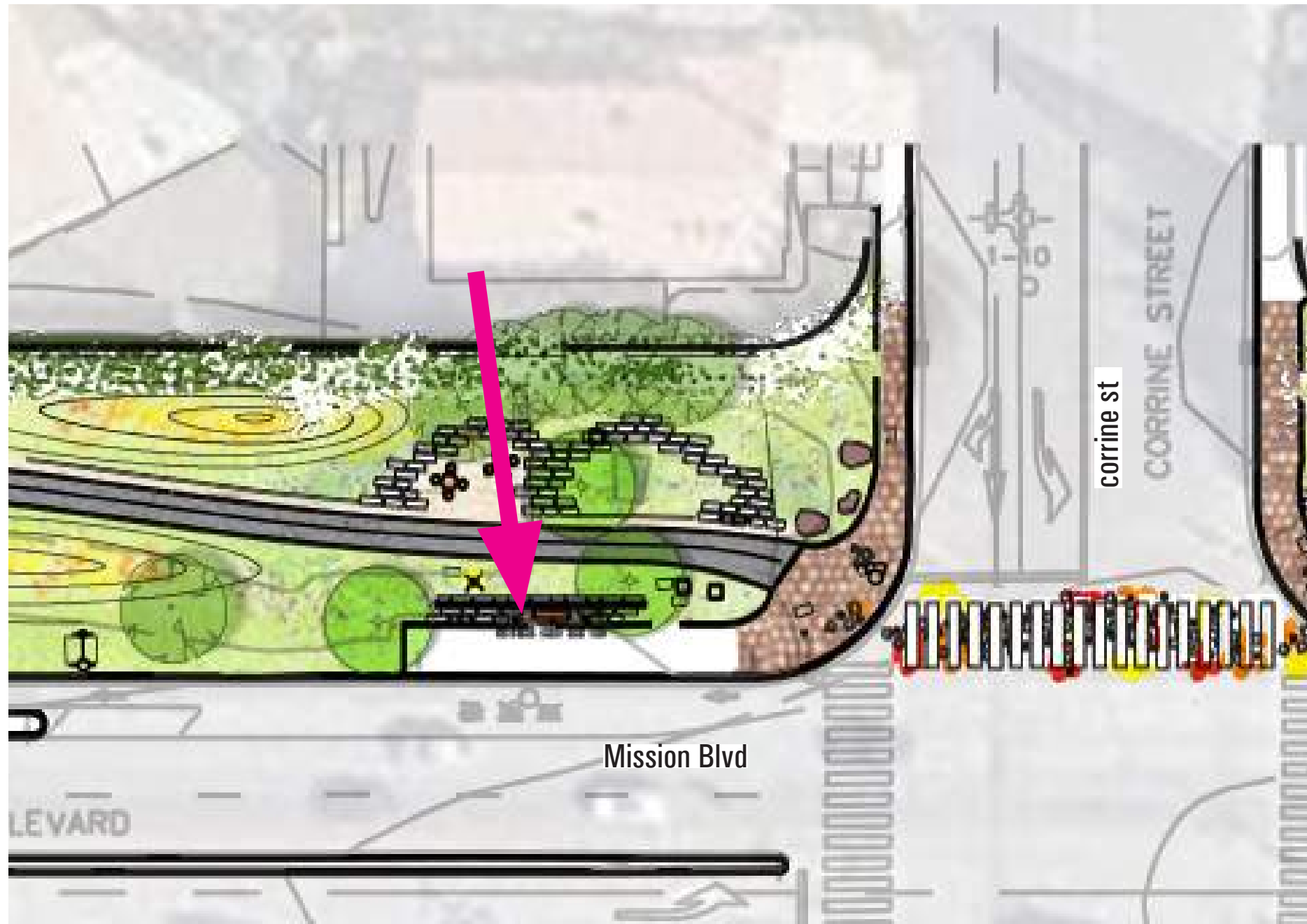


SHADE TRELLIS at BUS STOP

Shade Element Fabricated for La Vista Park Currently in City Storage to be Repurposed



SHADE TRELLIS at BUS STOP



SHADE TRELLIS at BUS STOP



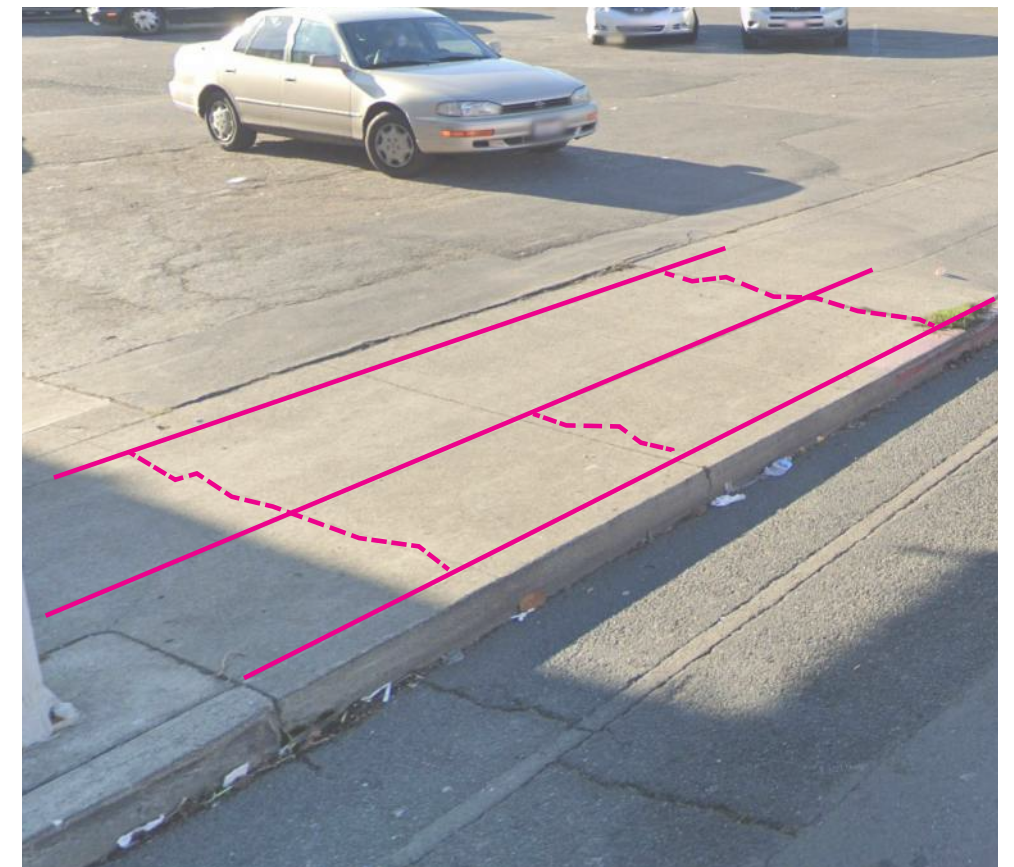
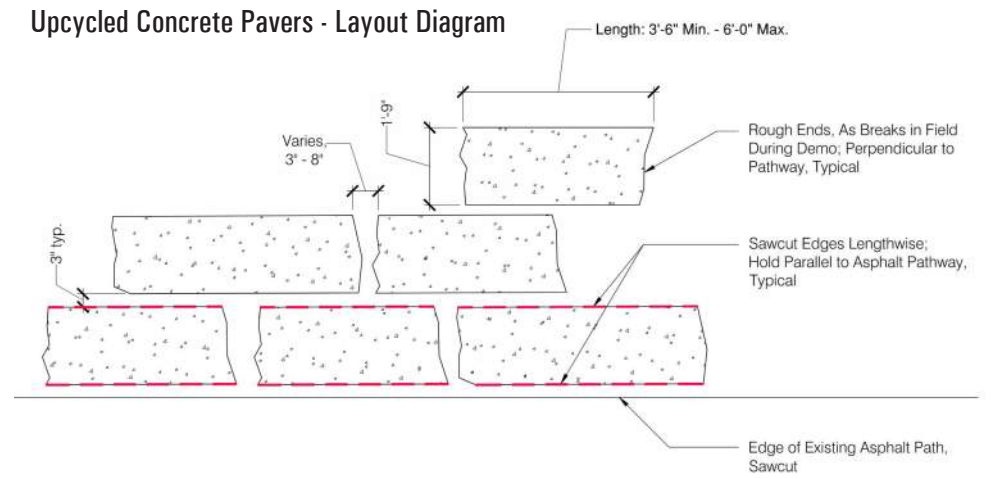
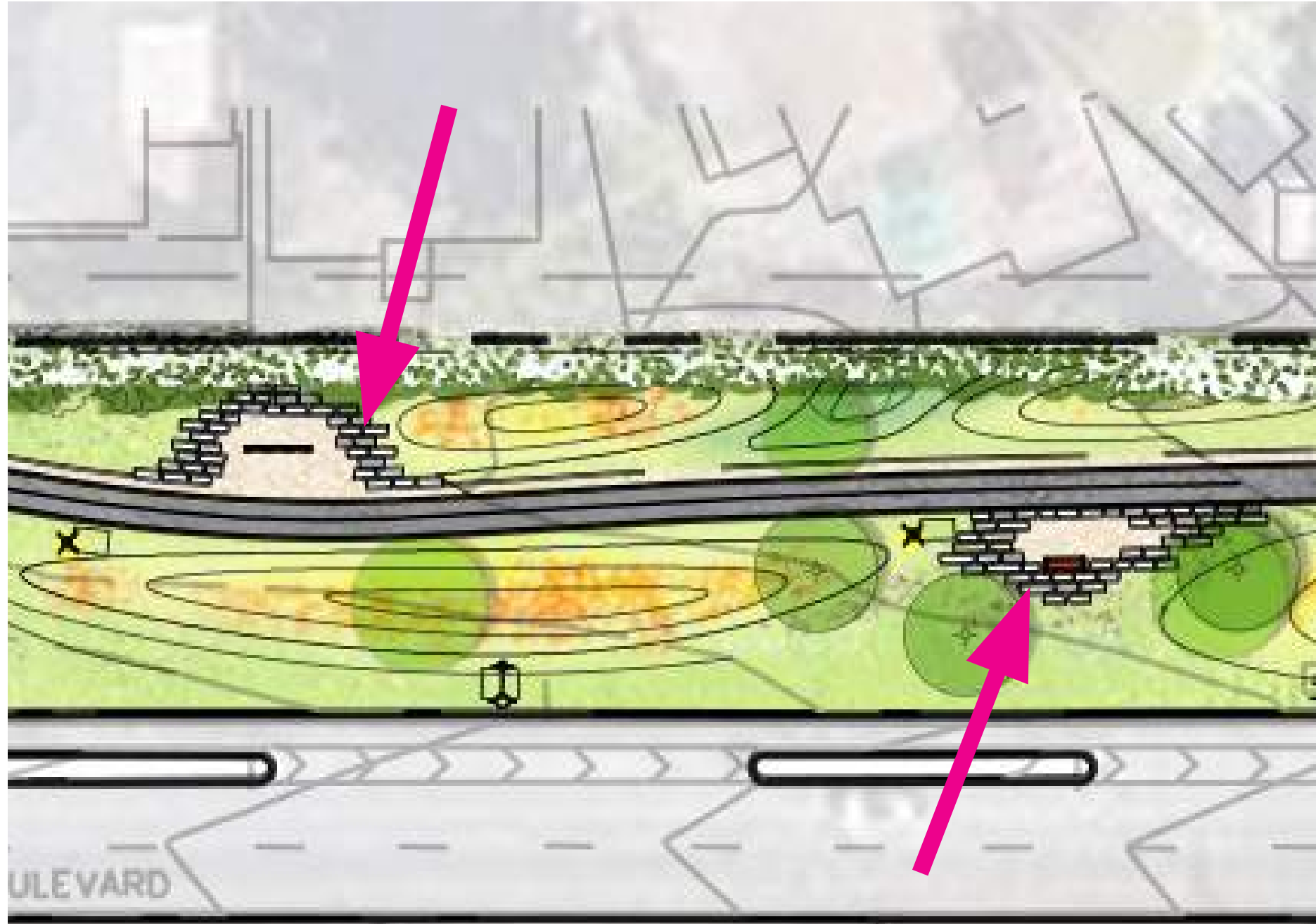
UPCYCLED PICNIC TABLES and SHADE TRELLIS



MATERIAL UPCYCLING + PARK ELEMENTS

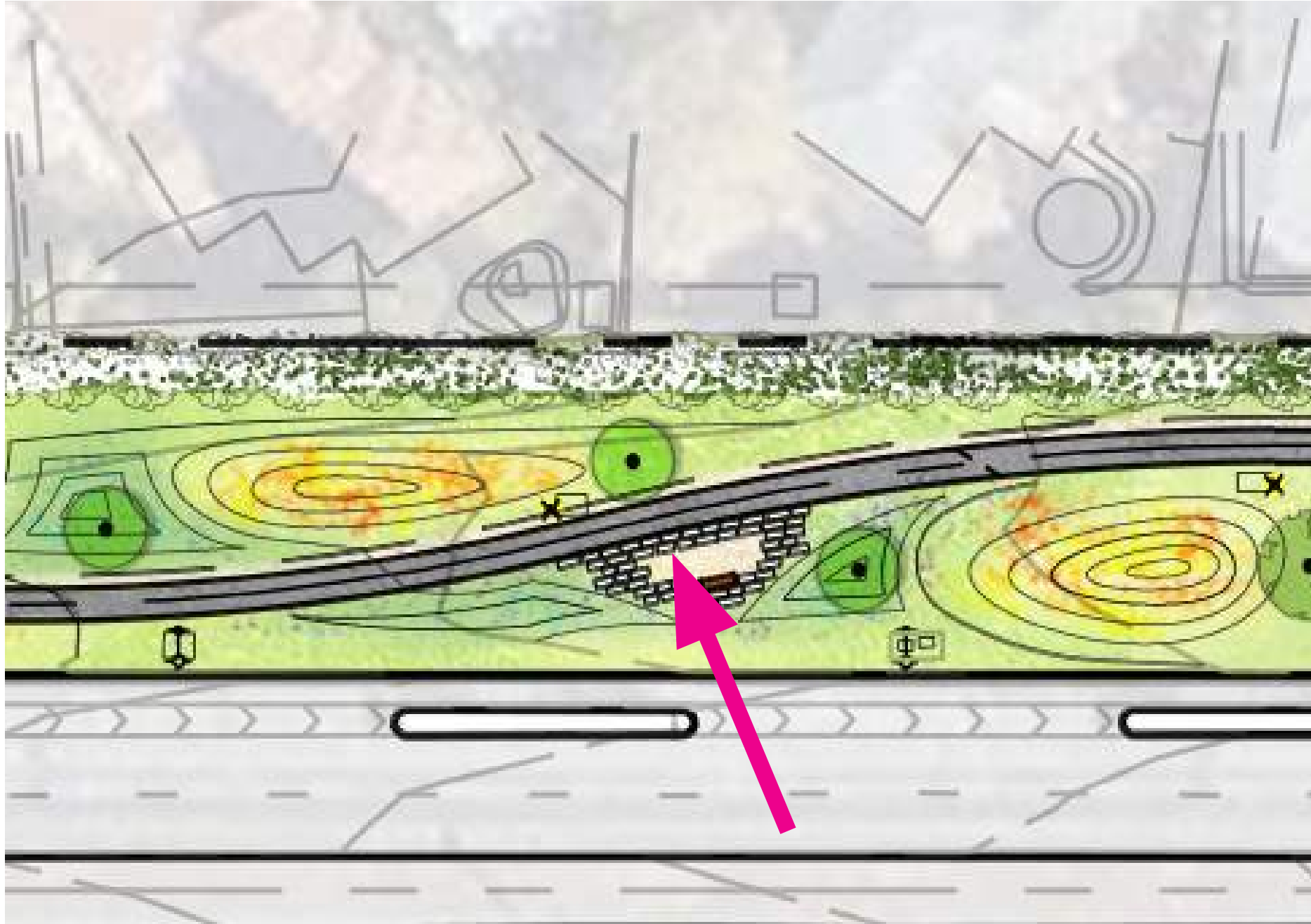
UPCYCLED CONCRETE PAVERS

11,000 Sq Ft Total of Salvaged Concrete from Mission Blvd Phase 3 Improvements



UPCYCLED METAL PARK BENCHES

10 Benches Total



Benches in City Storage



Paint Benches a Metallic Color

UPCYCLED PICNIC TABLES

2 Picnic Tables Total to be Refinished and Installed

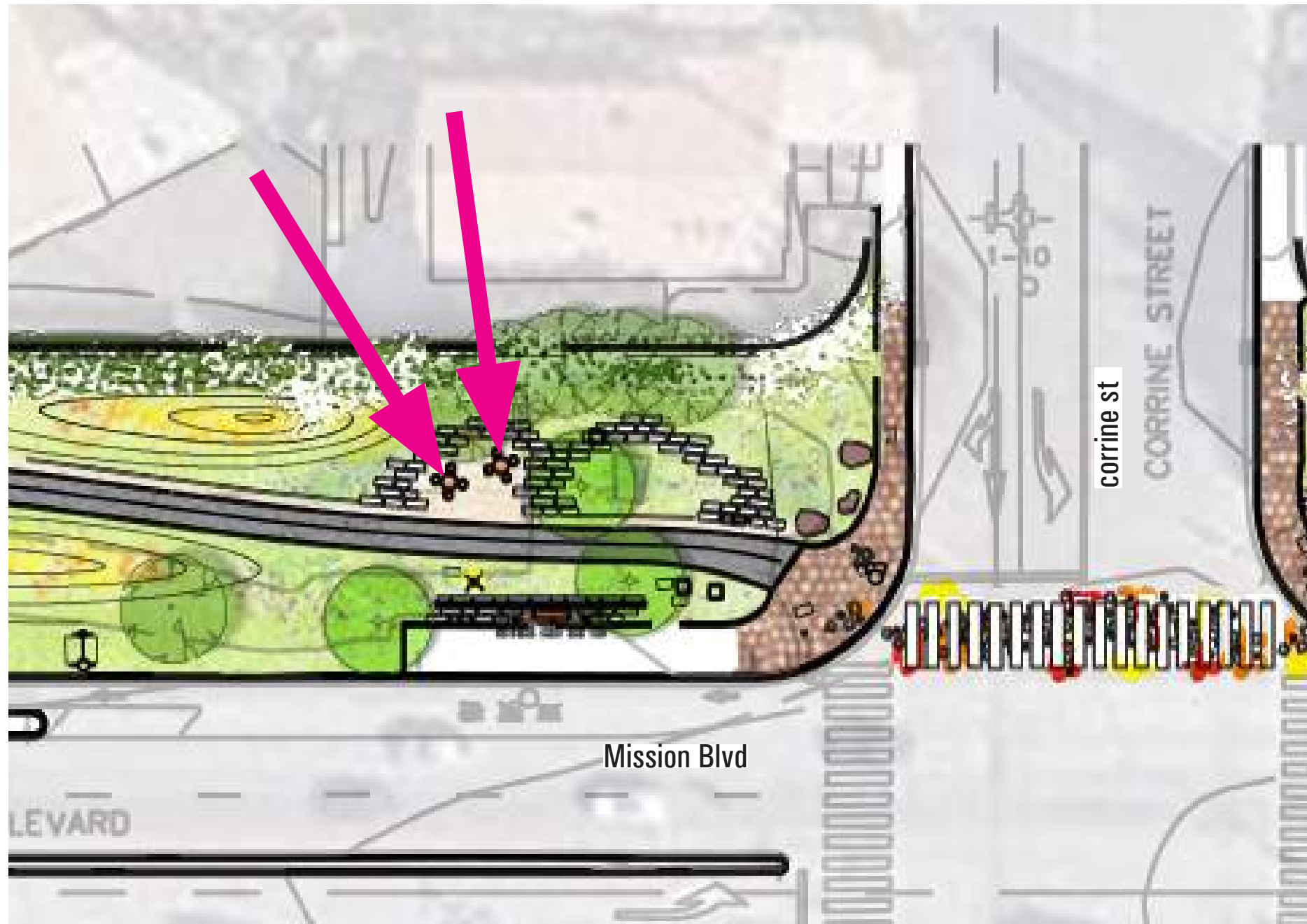


Available Tables
in City of Hayward Storage Yard



Paint/Stain Tables a Vibrant Color

UPCYCLED PICNIC TABLES



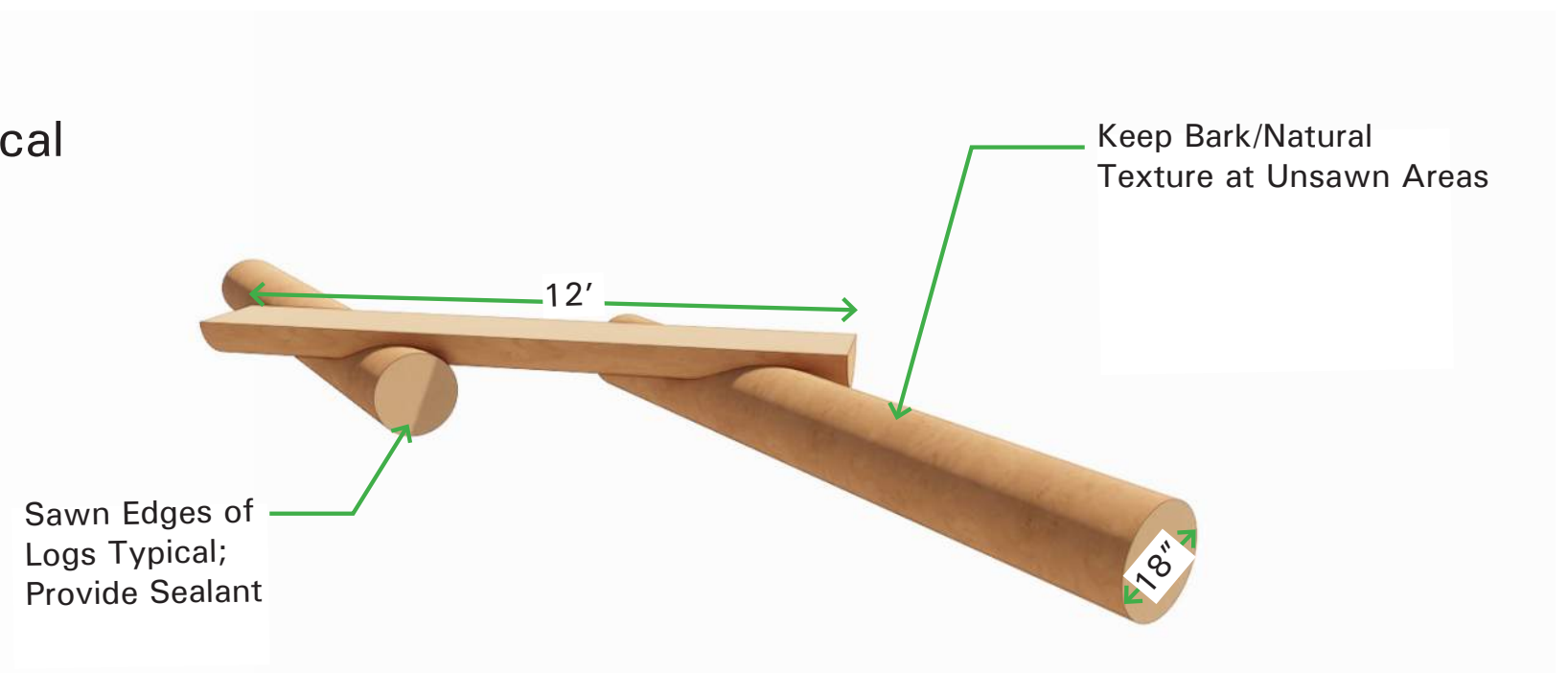
UPCYCLED TIMBER



UPCYCLED TIMBER BENCH - 3 Logs



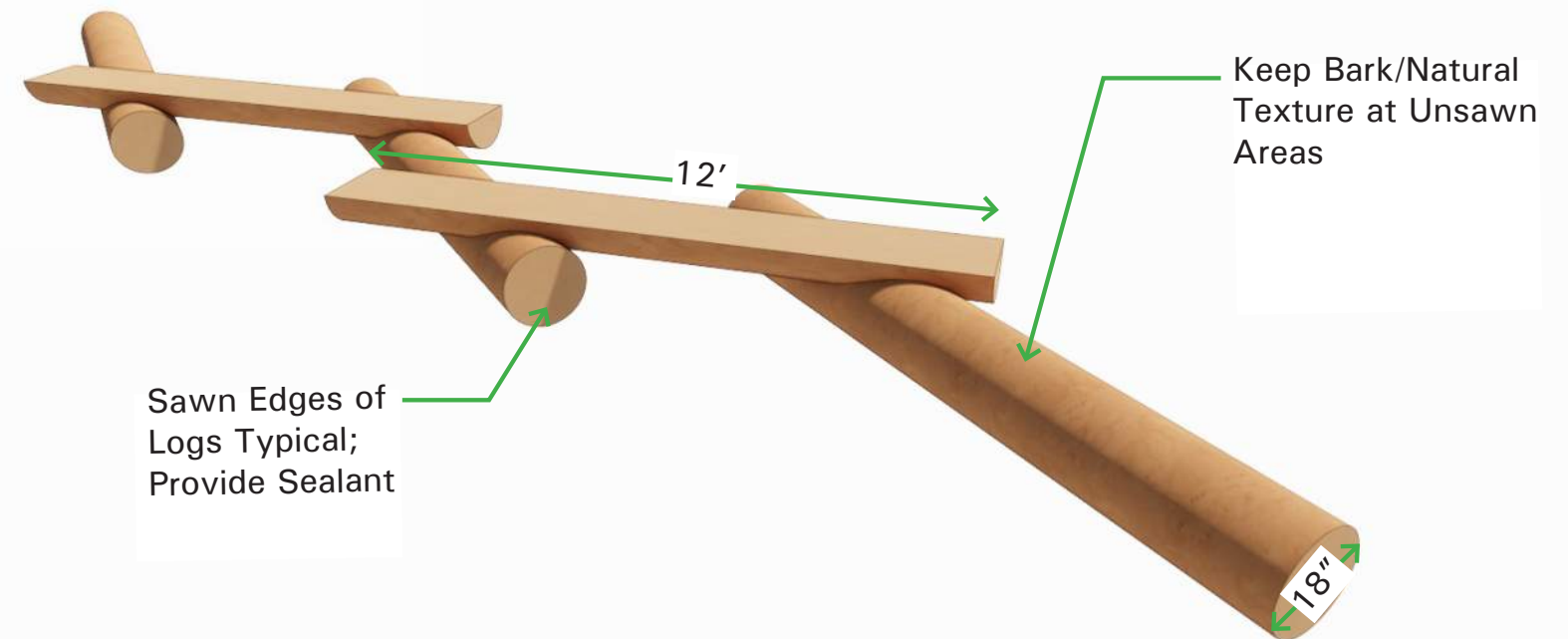
- Composed of 2 Base Log Modules & 1 Bench Modules
- 12' Lengths of Wood Lumber Typical; 18" Diameter Typical
- Final Bench to be Installed at 17"-19" Height



UPCYCLED TIMBER BENCH - 5 Logs

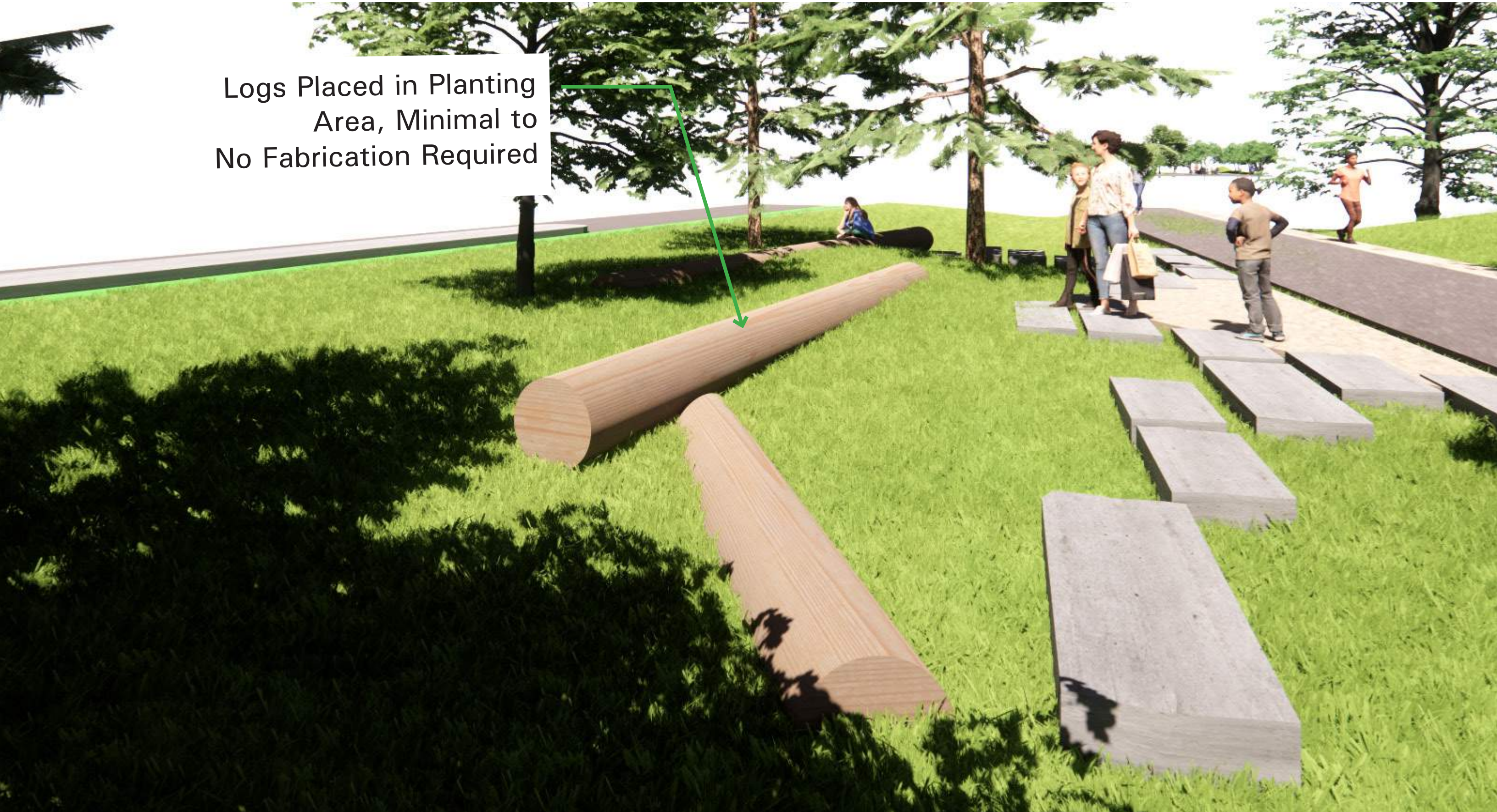


- Composed of 3 Base Log Modules & 2 Bench Modules
- 12' Lengths of Wood Lumber Typical; 18" Diameter Typical
- Final Bench to be Installed at 17"-19" Height



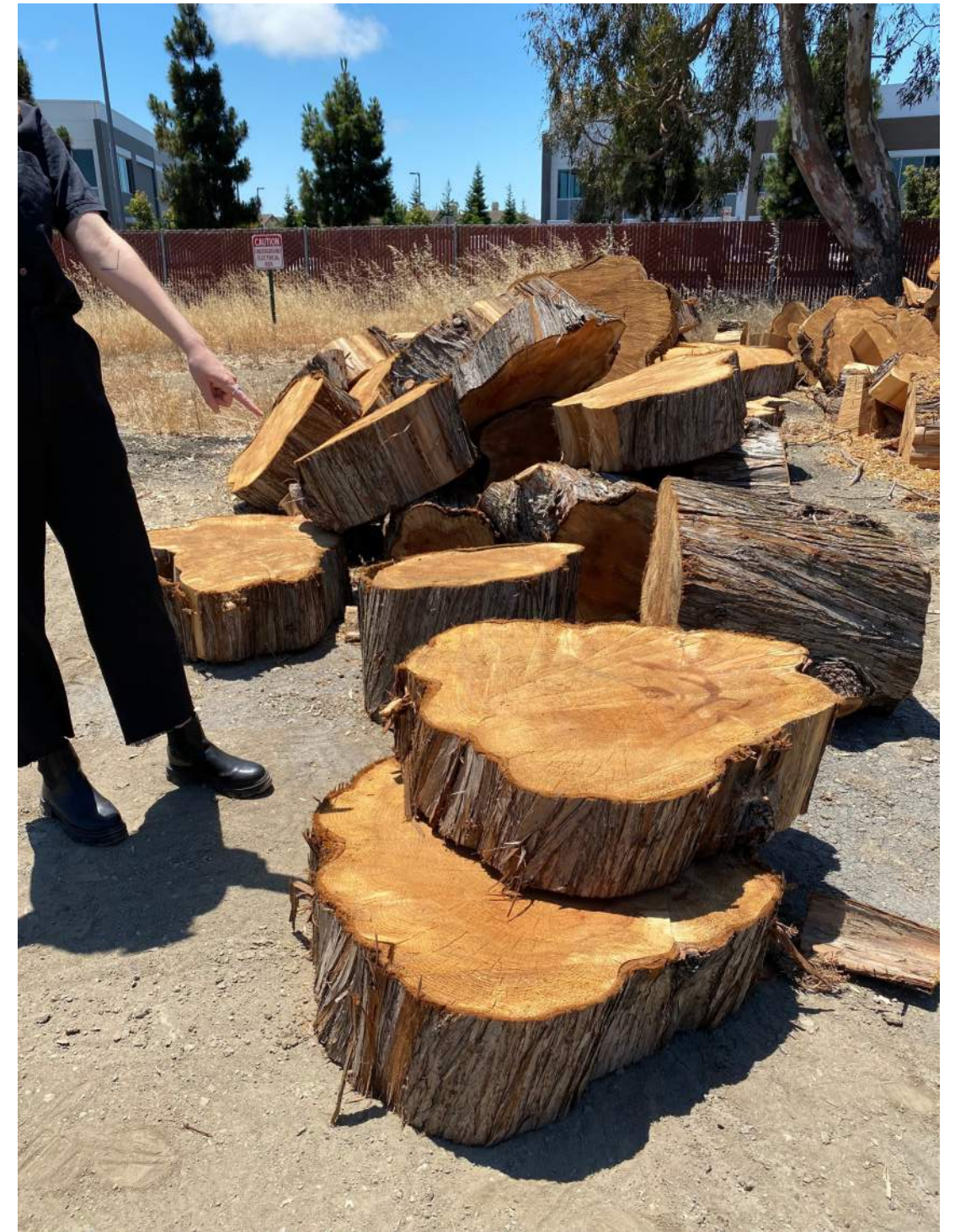
UPCYCLED TIMBER - Logs in Planting Areas

Logs Placed in Planting Area, Minimal to No Fabrication Required



UPCYCLED TIMBER - Tree Cookie Seating Elements

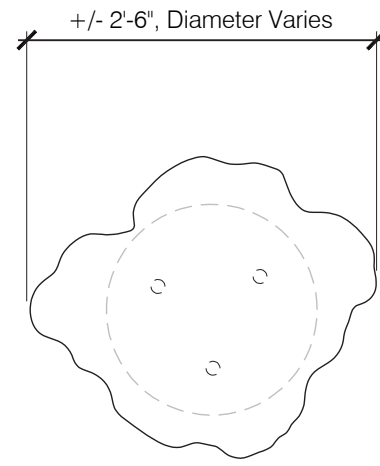
Available Segments of Redwood Tree Removed from Heritage Park, in City Storage



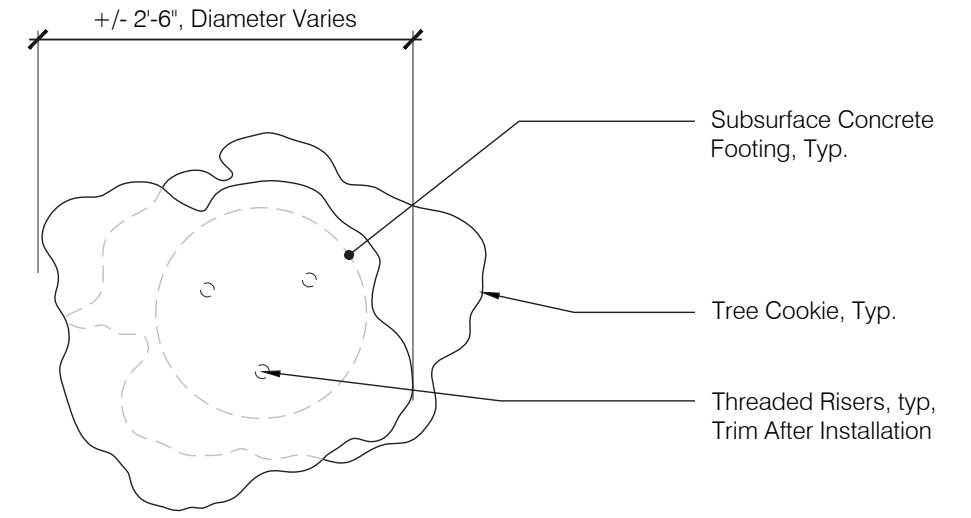
TREE COOKIE SEATING ELEMENTS



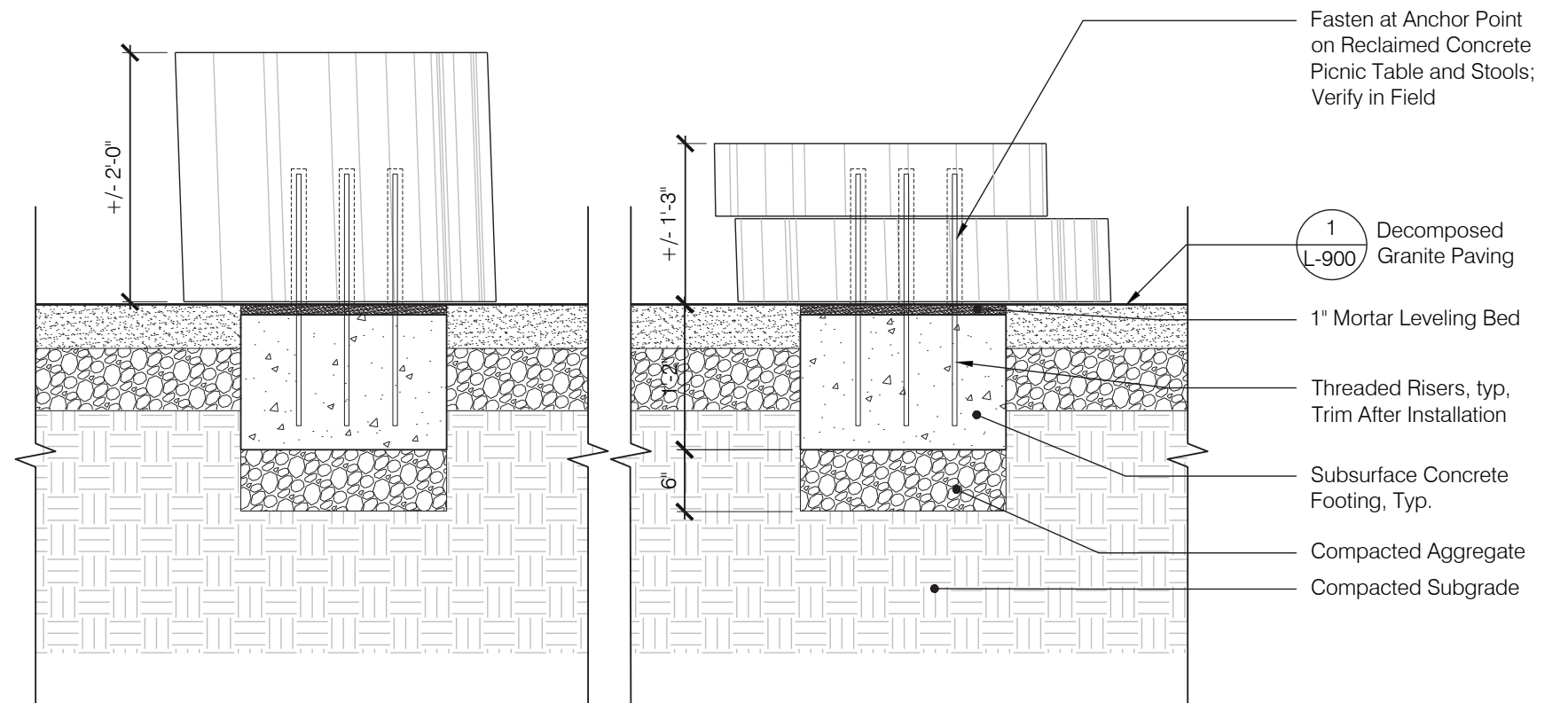
TREE COOKIE SEATING ELEMENTS



SINGLE LOG SEAT -
PLAN DIAGRAM



STACKED COOKIE SEAT -
PLAN DIAGRAM



*Tree Cookie Seating Element Detail -
25 Available Segments: 24-36" Diameter, 6-24" Lengths*

ART CROSSWALKS



LITTER BINS and PET WASTE STATIONS



Litter Bins - 'Big Belly Solar'
7 Locations Total at Street Corners



Pet Waste Stations - 'Dogi Pot Bag Dispenser'
3 Locations Total, at one Corner of Each Block



PLANTING STRATEGY

NEW SOD & ORNAMENTAL GRASSES

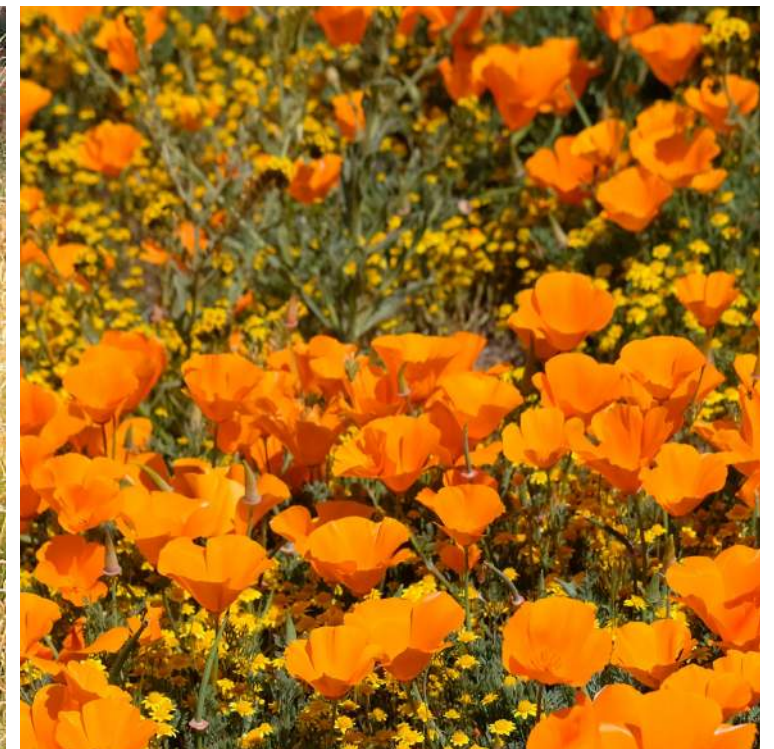
Low Points:

- 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



CLOUD HEDGE at EXISTING FENCELINE



Prune + Clean Up Existing White Oleander



Gaps in Hedge



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



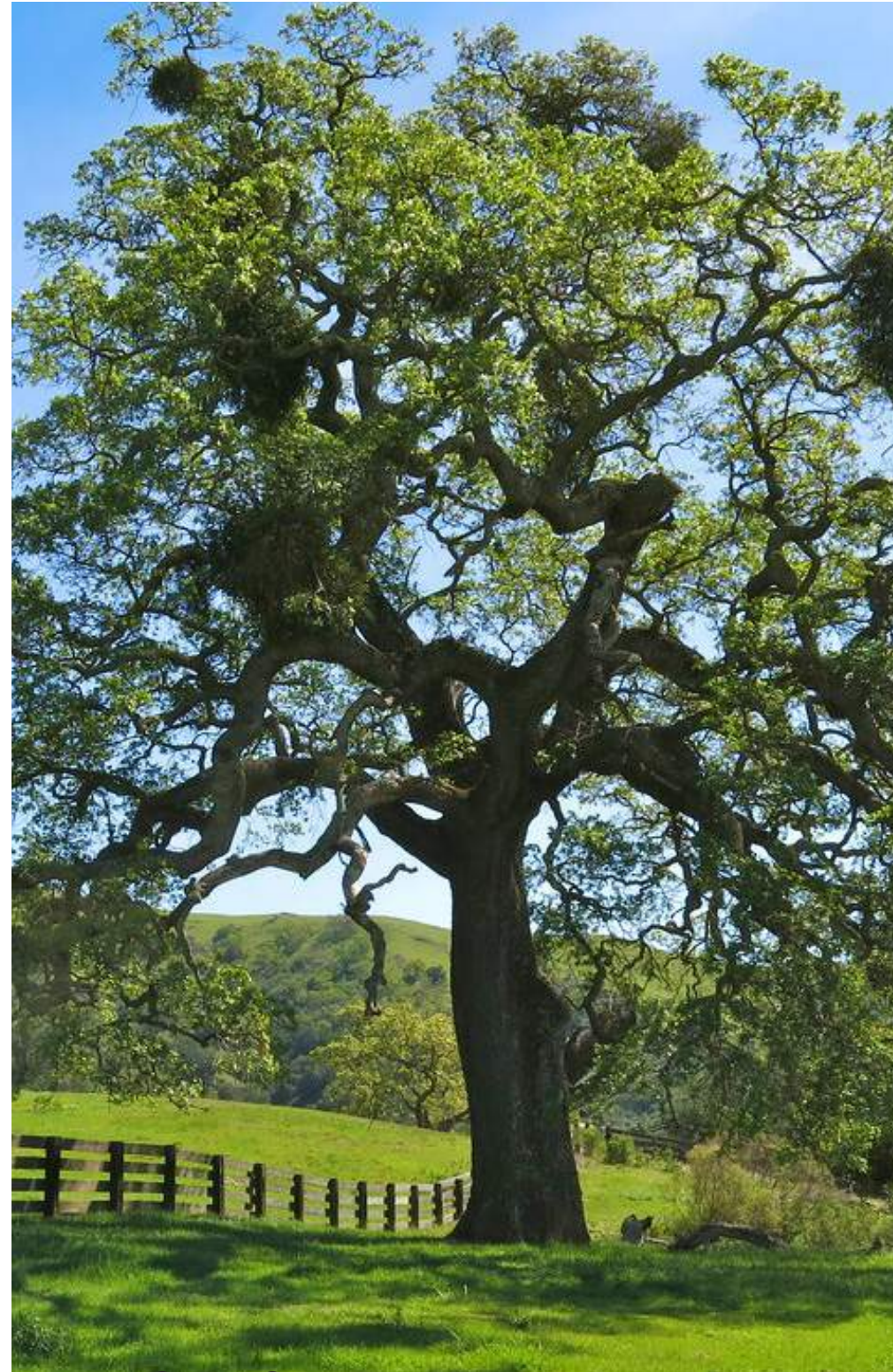
Foreground/Accent Flowering Shrubs:
Matilija Poppy, Bush Anemone, Ribes White Icicle, Garraya

LARGE TREES

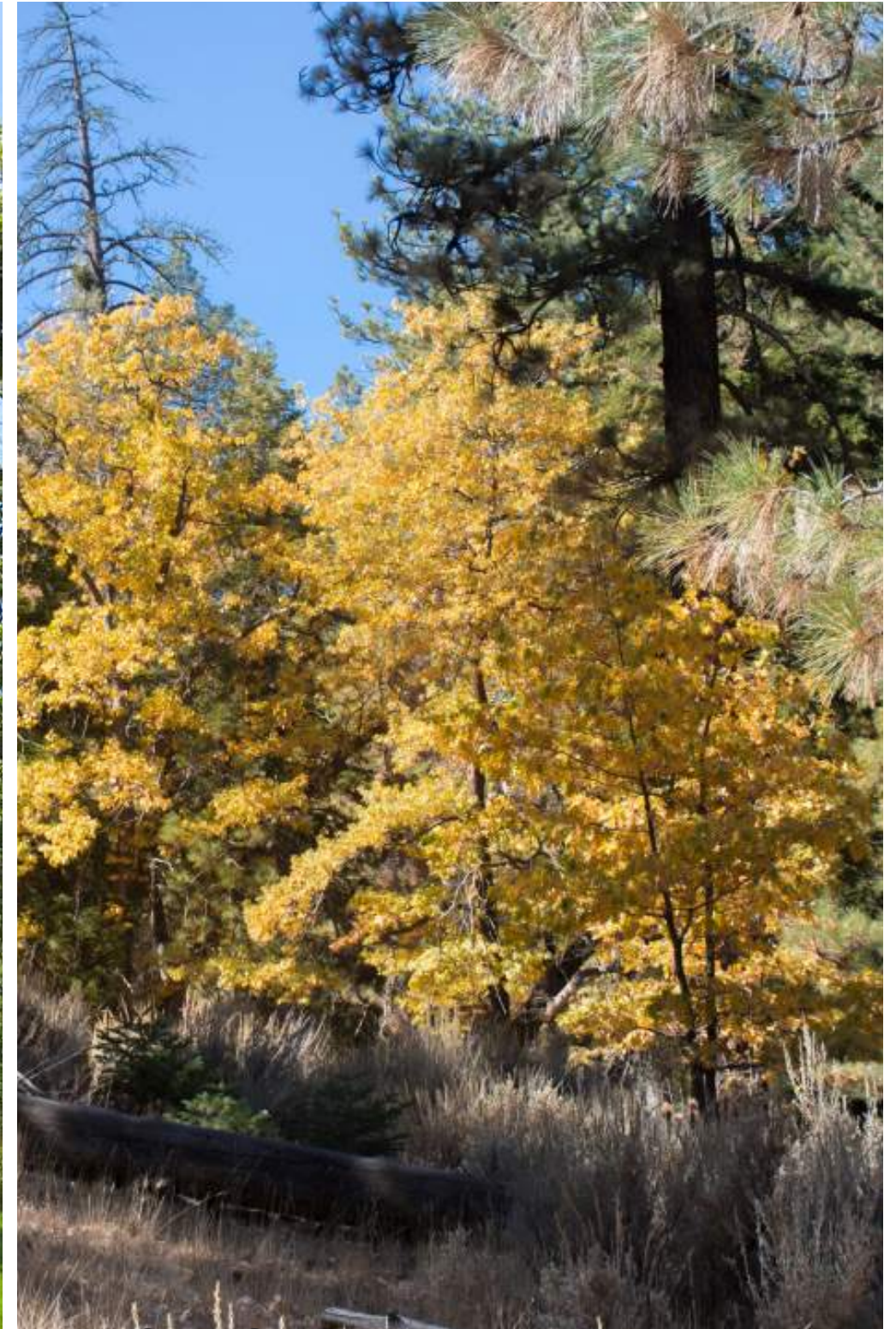
(36" Box to 48" Box upon Installation - 20 Trees Total)



Live Oak (*Quercus agrifolia*)



Valley Oak (*Quercus lobata*)



Black Oak (*Quercus kelloggii*)

ACCENT TREES

(24" Box upon Installation - 19 Total)



Strawberry Tree (*Arbutus 'Marina'*)



Western Redbud (*Cercis canadensis*)

FAST-GROWING TREES

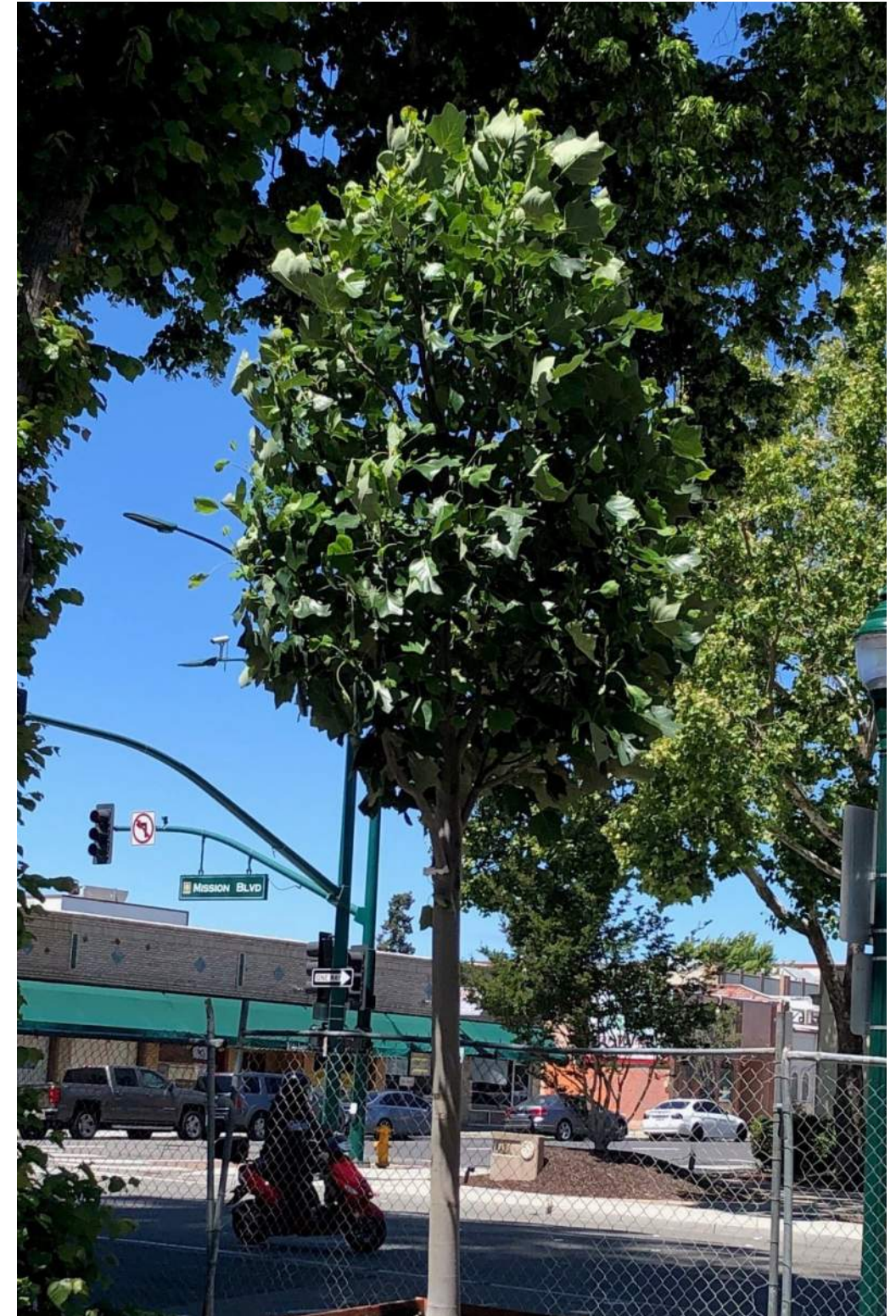
(15gallon, Fast Growing Trees that are Cost Effective and will Provide Shade in 3-5 Years - 30 Total)



CA Sycamore (*Platanus racemosa*)



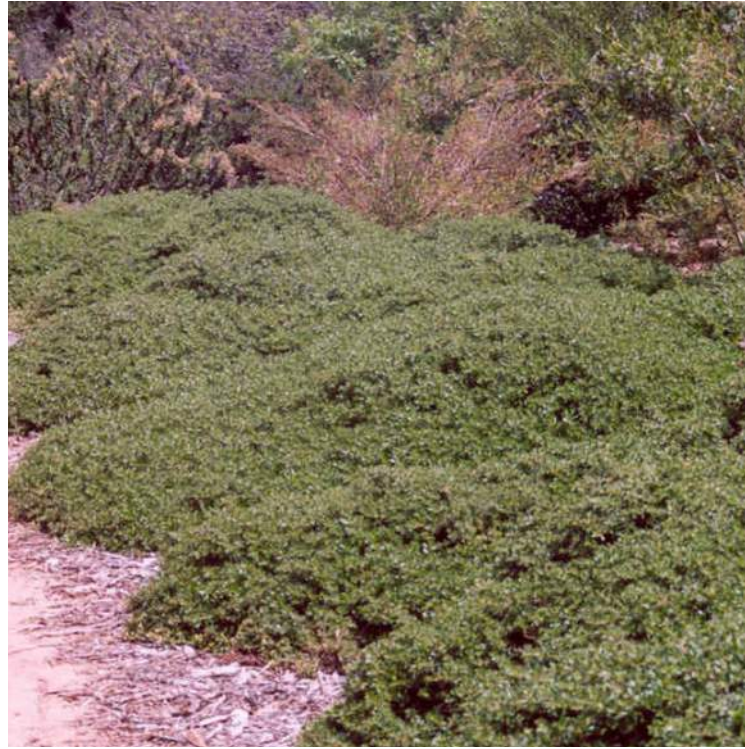
Redwood (*Sequoia sempervirens*)



Tulip Tree (*Liriodendron tulipifera*)

PERENNIAL PLANTING at CORNERS

(Drought Tolerant and Flowering Perennials at Corners to Signify Entrances of Linear Park)



Baccharis 'Pigeon Point'



Cistus 'Santa Cruz'



Mulenbergia rigens



Salvia clevelandii



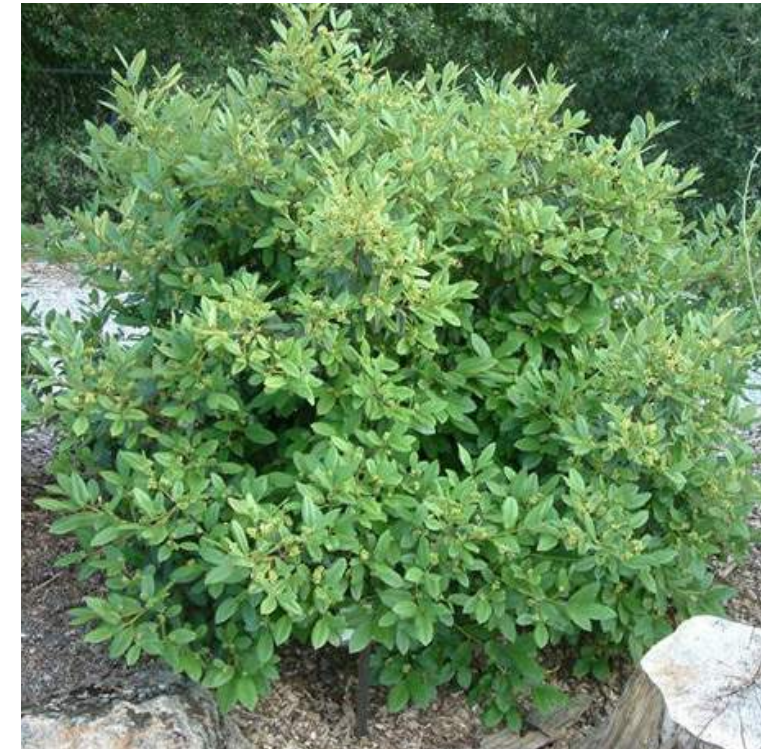
Eriogonum fasciculatum



Salvia mellifera



Ceanothus 'Yankee Point'



Rhamnus 'Eve Case'

REDWOOD UNDERSTORY

(Redwood Duff is Allowed to Collect below Redwoods as Natural Mulch)



Redwood Duff



Woodwardia fimbriata



Polystichum munitum



Heuchera maxima

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

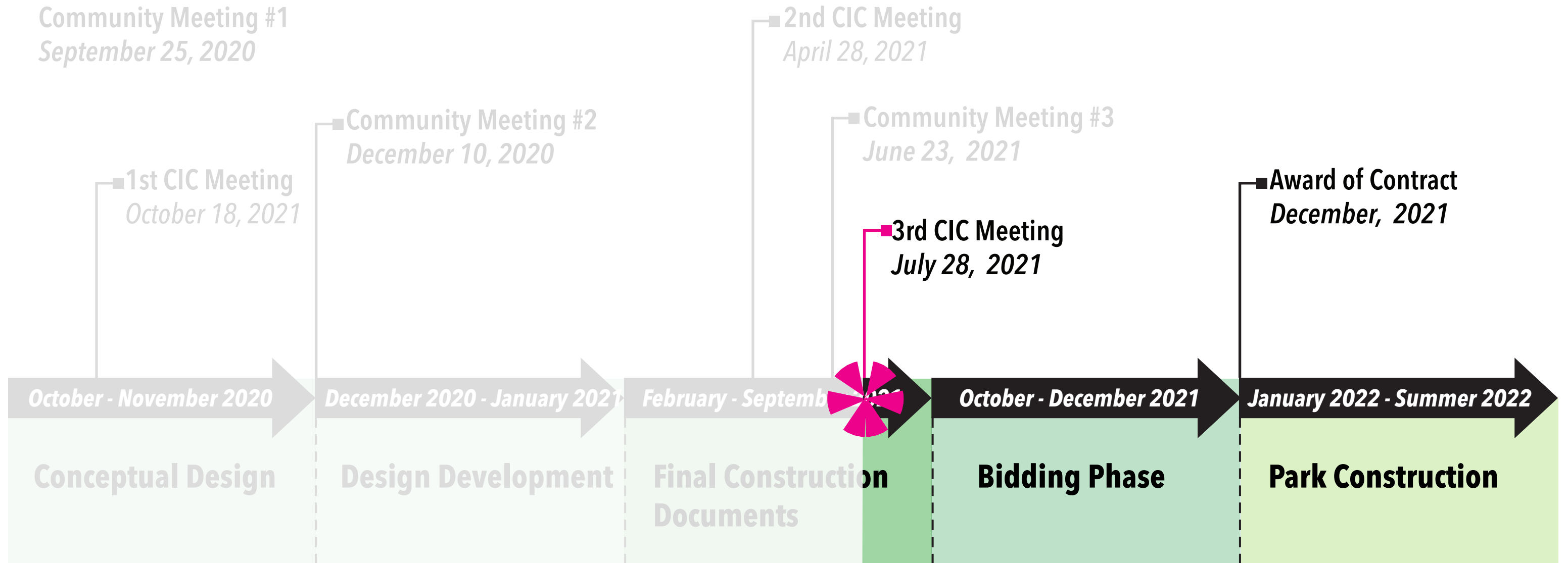
- Create Earthforms Resembling East Bay Hills
- Clean-up Existing Asphalt Path Edge
- Realign Existing Asphalt Path in Two Locations
- Add Decomposed Granite Shoulder on One Side of Existing Path
- Create Expanded Paving Areas + Exploratory Pathways using Upcycled Concrete
- Clean-up Existing Fence: Remove Invasive Species, Prune Existing Oleander, and Complete Hedge Planting along Property Line Fence
- Plant No-Mow Sod, Wildflowers, and Perennial Plantings
- Plant 70-75 Deciduous and Evergreen Trees
- Upcycled City Benches and Tables
- Upcycled Timber Benches
- Litter Bins + Pet Waste Stations
- Art Crosswalks



Next Steps



PROJECT TIMELINE



Thank you!

