



September 13, 2023

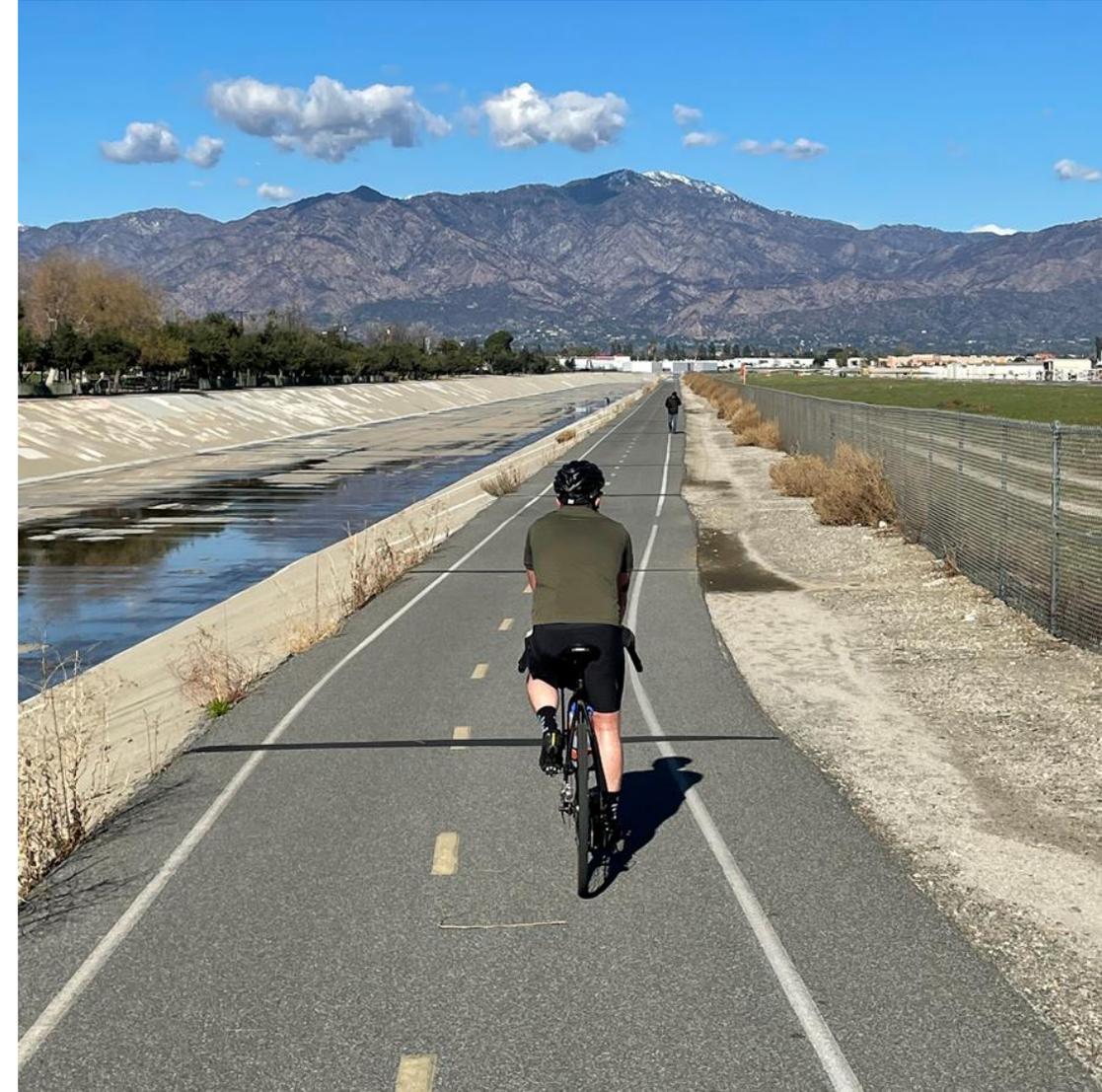
The San Gabriel Valley Greenway Network Strategic Implementation Plan



Welcome



- Agenda
 - Introduction
 - Schedule Update
 - Draft SGVGN Plan Update
 - InDesign Plan Layout
 - Plan Sections – Steering Committee Review of Word Format
 - 3D Renderings Update
 - Community Engagement Effort
 - Group Discussion
 - Asks of the Steering Committee
 - Next Steps



Schedule Update



WE ARE HERE



Efforts & Studies Aug 2019 – Jul 2020

- Existing Studies & Plan Compilation

Existing Conditions Jan 2020 – Aug 2021

- Database of Projects, As-Builts, and Potential Gaps
- Channel Geometric Characteristics and Design Flows

Database & GIS Maps Apr 2020 – Summer 2022

- GIS Database
- Regulatory Roadmap
- GIS Mapping
- County Channel ROW GIS Mapping

Develop Greenway Network Plan Apr 2020 – Spring 2024

- Tributary Maps - Complete
- Project Priority Matrix - Complete
- Potential Project List - Complete
- Final Bike Path Alternatives
- Final Conceptual Designs for Each Watershed
- Final Opportunities & Constraints
- Final Design Guidelines & Standards
- Draft Plan Development

Environmental Documentation Nov 2021 – Spring 2024

- Environmental Strategy Technical Memo - Completed
- Scoping Meeting – Oct 4, 2022
- AB 52 Tribal Letters
- Project Description and Alternatives
- Draft PEIR



Public Engagement Plan Nov 2019 – Summer 2022

- Graphic Standards
- Community Engagement Plan
- Community Workshops
- Online Survey
- Pop-Up Events

Public Engagement Plan Fall 2022 – Spring 2024

- Potential Community Events
- Pop-Up Events
- Website – Ongoing
- Community Engagement for Public Release of Plan



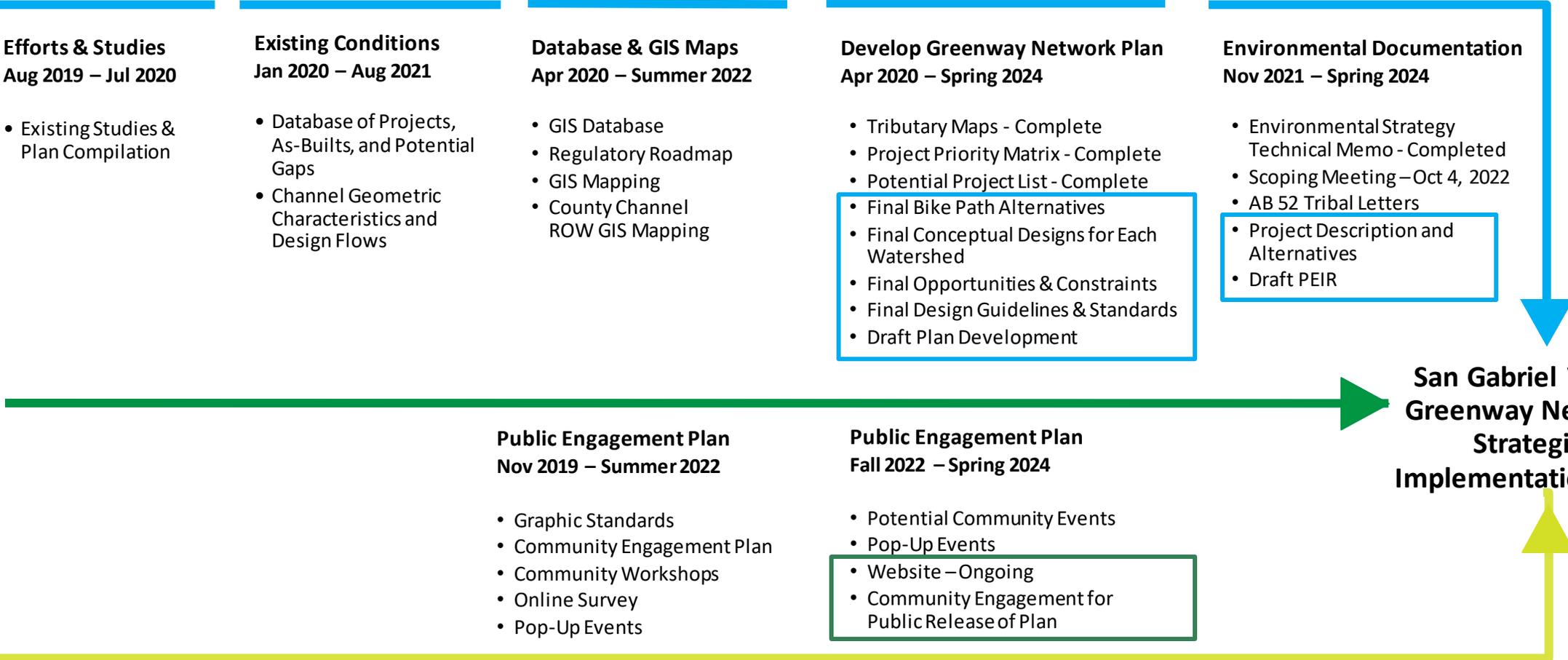
Steering Committee Meetings Apr 2020 – Mar 2023

- Conceptual Designs
- Design Guidelines and Standards
- Draft Plan Review

Steering Committee Meeting Sept 2023

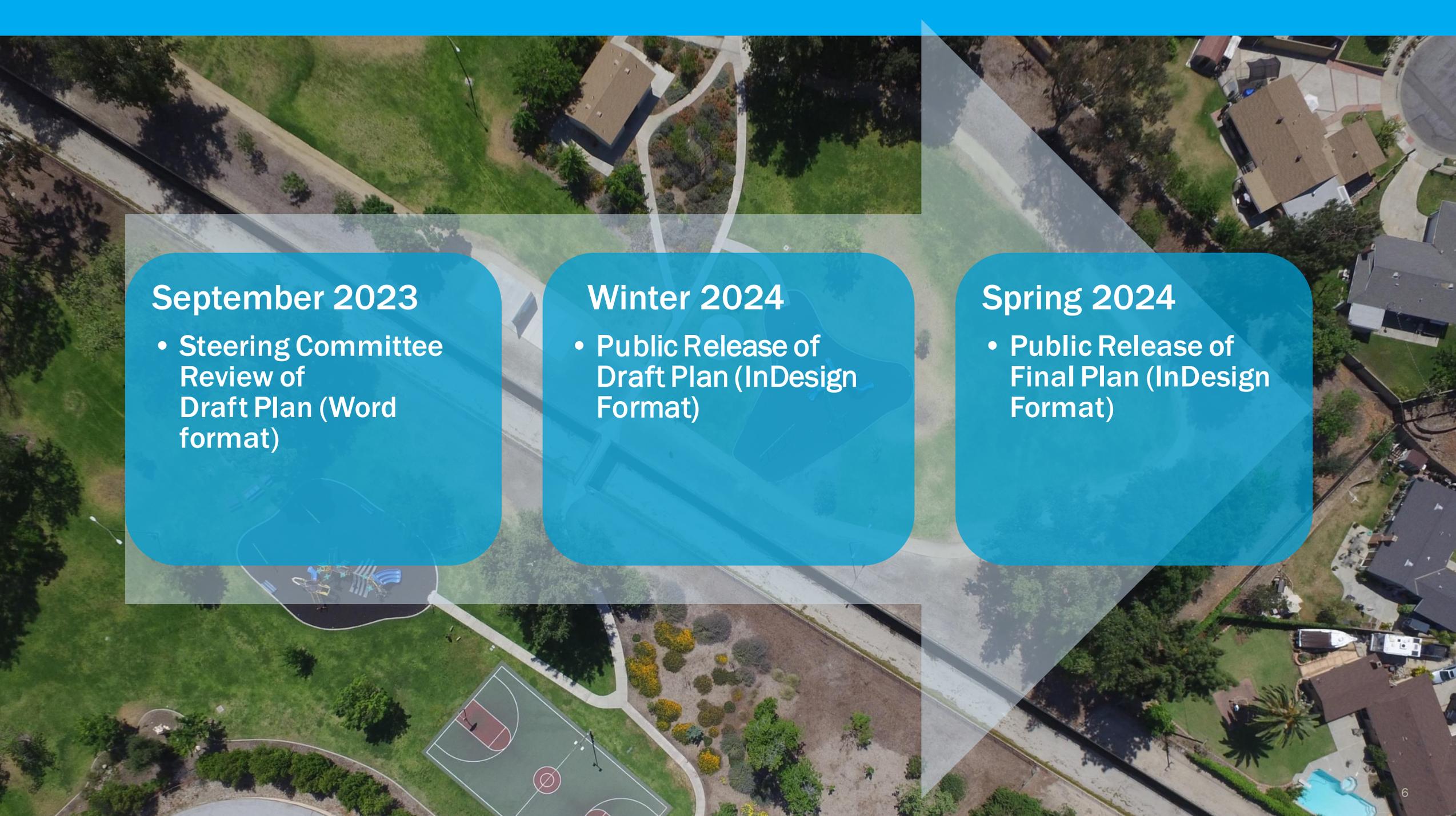
- SGV Draft Plan Update
- InDesign Plan Layout
- 3D Renderings Update
- Community Engagement Effort for Public Release of Plan

San Gabriel Valley Greenway Network Strategic Implementation Plan



Draft SGVGN Plan Update





September 2023

- Steering Committee Review of Draft Plan (Word format)

Winter 2024

- Public Release of Draft Plan (InDesign Format)

Spring 2024

- Public Release of Final Plan (InDesign Format)

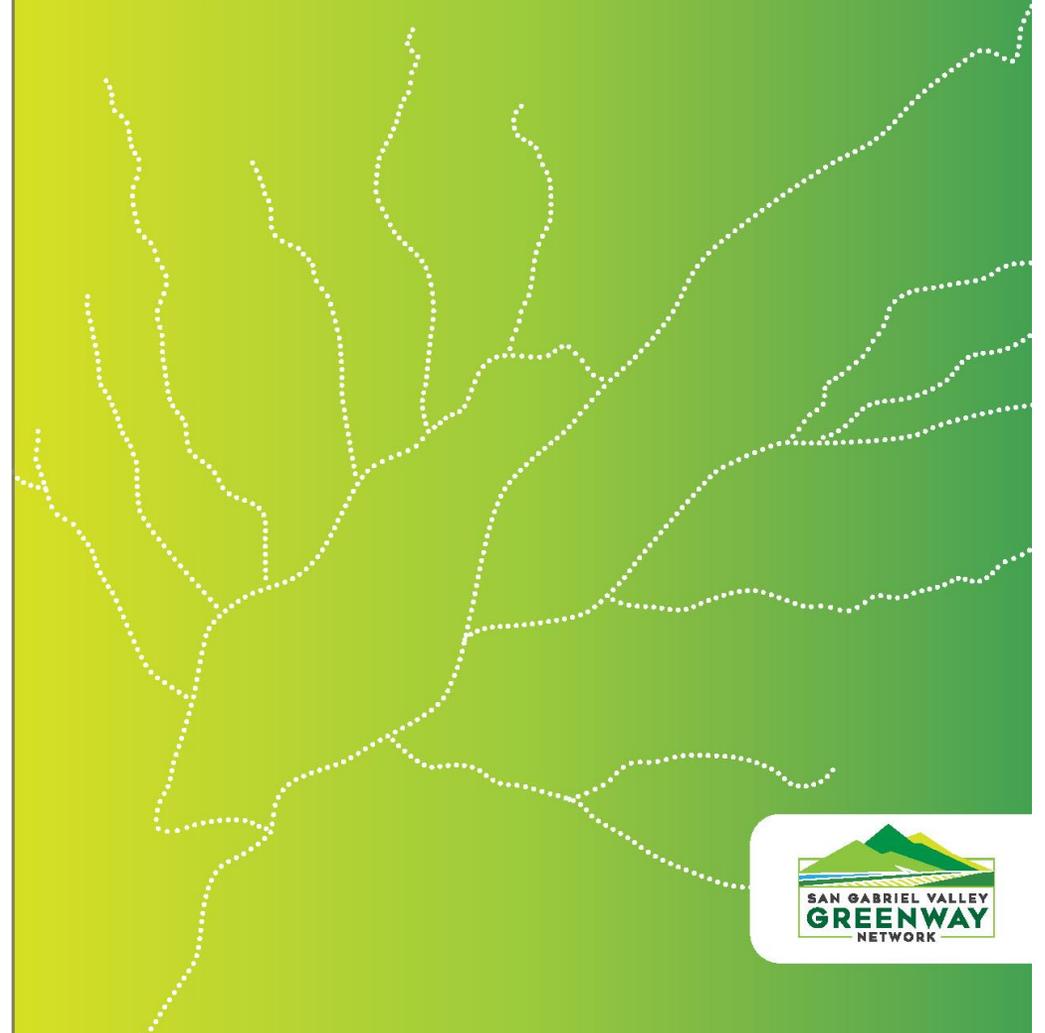
InDesign Plan Layout



InDesign Plan Layout

San Gabriel Valley Greenway Network

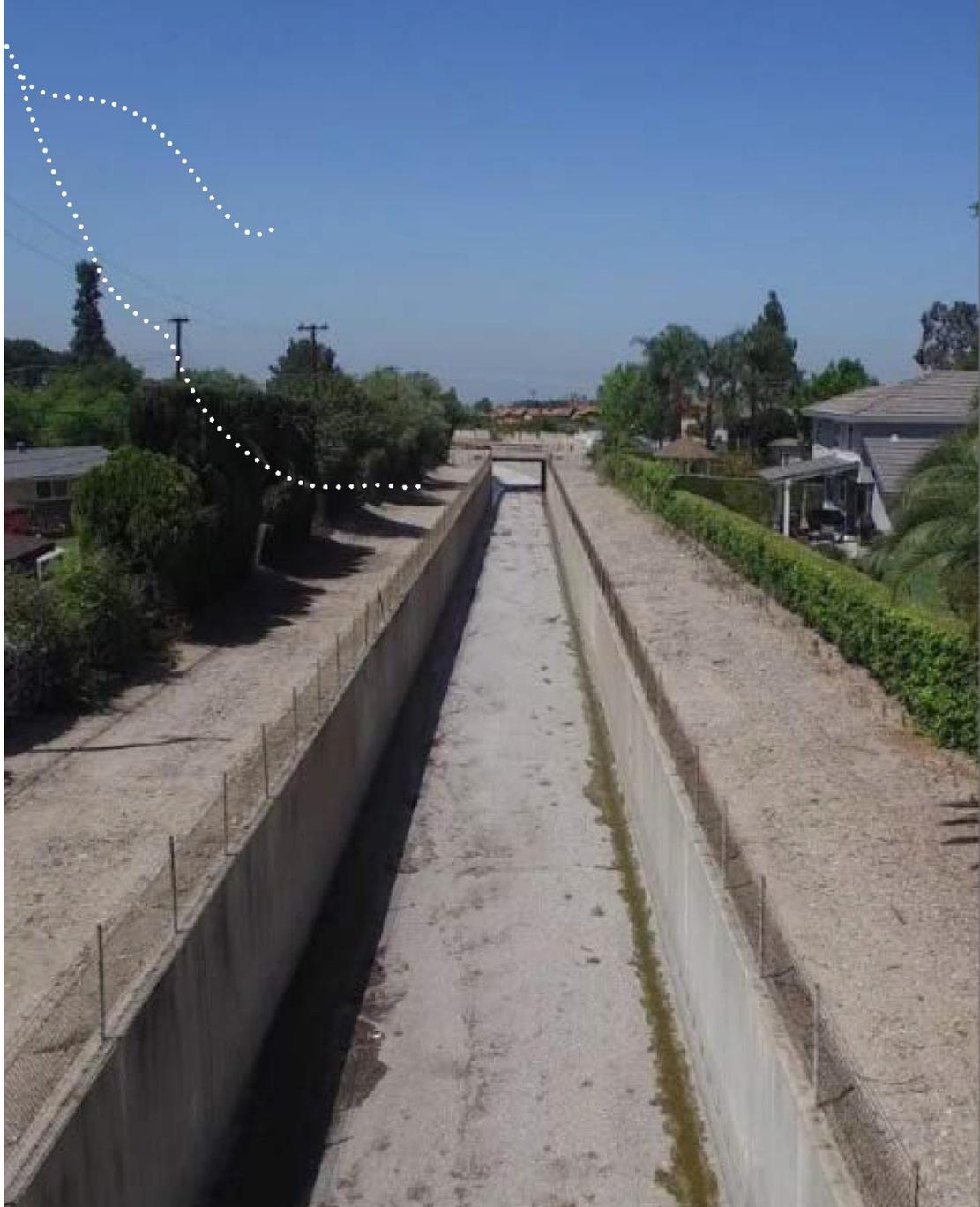
Strategic Implementation Plan



SECTION 1

INTRODUCTION





The San Gabriel Valley Greenway Network Strategic Implementation Plan (Plan) is a multi-objective effort to transform the existing Los Angeles County Flood Control District (LACFCD) right-of-way (ROW) along the washes in the San Gabriel Valley (SGV) into a world-class Greenway Network. Serving as a guide for future development along the Greenway Network corridors, the Plan prioritizes planned projects, proposes project components, provides guidance for project development, and creates an implementation framework and vision for creating multi-benefit projects that advance stakeholder and partner agency goals.



Throughout Los Angeles County (LA County), dedicated easements adjacent to channels were maintained for access and maintenance of the channels as shown in Figure 1-1. These dedicated easements are referred to as ROW throughout this Plan. For the purposes of the Plan, greenways are located adjacent to SGV tributary channels in these ROW or dedicated easements. Greenways may include various combination of paths, trails, and users including bike-only path, bike/pedestrian path, separate bike path and equestrian trail, separate bike/pedestrian path and equestrian trail, and separate bike path, pedestrian path, equestrian trail. Converting concrete tributary channels to naturalized channels was not a project goal and is not included in the Plan.

The California Greenway Development and Sustainment Act of 2015 describes a greenway as a pedestrian and bicycle, nonmotorized vehicle transportation and recreational travel corridor adjacent to an urban waterway. This description allows local jurisdictions to include greenways in their general plans and establishes a greenway easement for tax exempt, nonprofit organizations for the purpose of preservation or development.



Figure 1-1. Example channel from the SGV showing channel and ROW

1 Plan Goals

The Plan began in May 2017, as a board motion set forth by the **LA County Board of Supervisors (LACBoS)**, that stated “The flood control systems in the County rivers, creeks, and channels present a unique opportunity to create a countywide network of interconnected, multiuse community greenways for linear parks and open space for recreation, bike paths for active transportation, trails for equestrian use, and integrated stormwater management practices.” The board motion also outlines specific plan objectives and goals which include (Figure 1-2):

1. Promoting Equitable Practices
2. Creating Recreational Opportunities
3. Integrating Stormwater Management
4. Boosting Connections
5. Enhancing Natural Habitats
6. Enriching Community Well-Being



Figure 1-2. Plan Goals

1 Promoting Equitable Practices

Promoting equitable practices is at the forefront of decision-making processes throughout the entirety of the Plan. This can be seen not only in the broad and diverse community engagement efforts but also in the tributary and greenway analyses, and project selection and conceptual designs throughout the SGV. It is the LACBoS's practice and goal to "Promoting equitable funding to improve environmental justice outcomes."

2 Creating Recreational Opportunities

For this objective, the LACBoS set forth two specific Plan goals, "Improving mobility and recreational opportunities for people with disabilities, youth and the aging population, bicyclists and pedestrians and equestrians" and "Creating access to more open recreational space and promoting physical activity." Greenway projects provide extensive recreational opportunities for all types of users throughout the SGV.

3 Integrating Stormwater Management/Capture, Groundwater recharge, Water Quality

Water management throughout the region includes stormwater capture for treatment and use, groundwater recharge, and water quality improvements. LACBoS's goals for the Plan include "Integrating stormwater capture and water management opportunities." Local and off-site water management is incorporated into planned greenway projects, and can support project implementation through available Measure W funding.

4 Enhancing Connections

A Plan priority is to create more connectivity and opportunities for residents to reach to schools, parks, transit, jobs, shopping, and numerous other local points of interest. Specific LACBoS Plan goals include "Enhancing connections to transit, schools, jobs, and everyday destinations."

5 Enhancing Natural Habitats

"Enhancing natural habitats and enriching community well-being." Is another important LACBoS objective. Initiated by previous plans and projects, the Plan aims to adopt, standardize, and expand on those guiding principles. Greenway projects incorporate specific elements such as native plants and pollinator gardens to effectively achieve these objectives.

6 Enriching Community Well-Being

Finally, the LACBoS Plan objectives include "Reducing vehicle miles traveled and associated greenhouse gas emissions". Disadvantaged communities within the SGV Greenway Network experience degraded air quality. The Plan creates vast opportunities for alternative greenway transportation and extensive planting of trees and many other types of vegetation. The Plan is developed to provide communities with green solutions including reducing heat island effects to enhance community well-being.

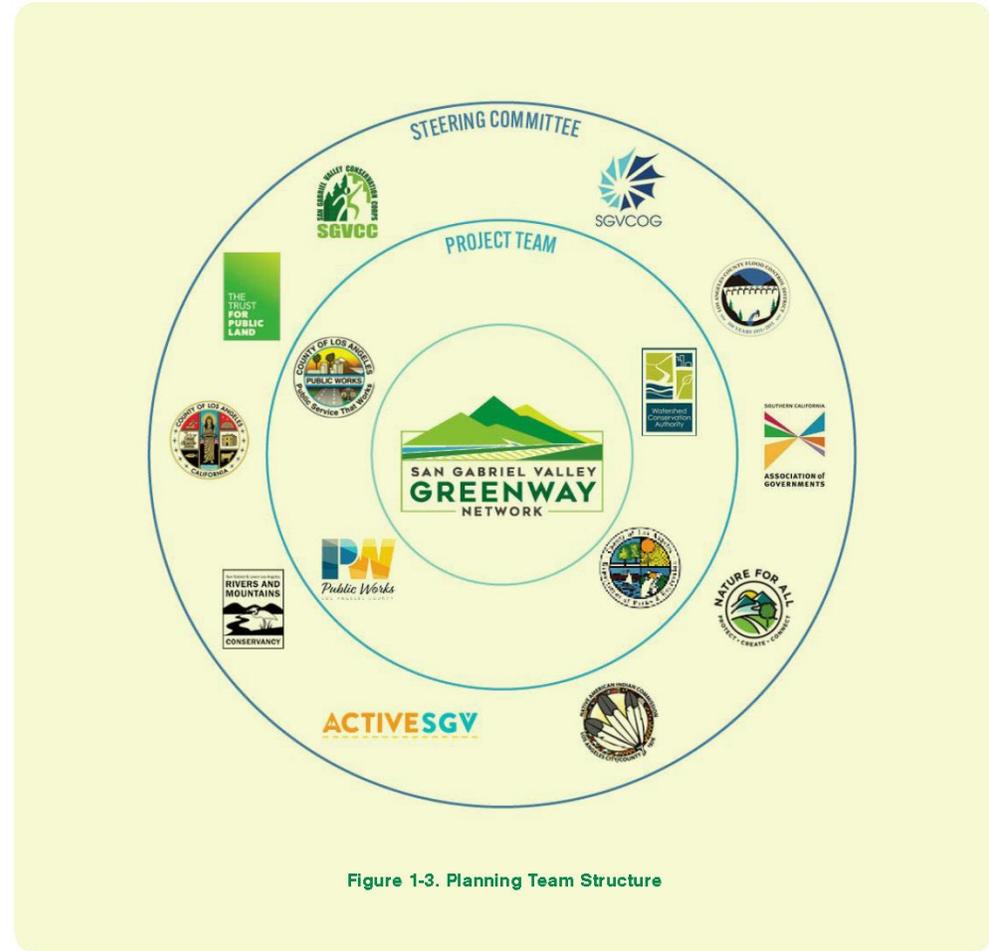


Figure 1-3. Planning Team Structure



SECTION 2

**EXISTING
CONDITIONS
SUMMARY**

Numerous relevant planning and design efforts were previously completed on greenways, parks and open space, flood control, green infrastructure and water quality, and transportation projects in the SGV. It was instrumental in creating an implementation framework for multi benefit greenway projects that advance the goals of the various communities, stakeholders, and partner agencies.

1 Compilation of Efforts and Studies

Existing reports and information including planned stormwater, active transportation, and greenway projects within the SGV were reviewed, summarized and mapped by the project team. All data and information was included in a **Compilation of Efforts and Studies Technical Memorandum (TM)** as provided in Appendix A. The TM includes a document summary with descriptions, key outcomes, proposed, planned, or completed stormwater, active transportation, and greenway projects, and potentially relevant greenway design standards. In addition, the team geo-located each plan, project, or study, identified the implementation agency, the status of the project, funding status, and created a master summary map and library of the planned projects.



Figure 2-1. Aerial view of channel

1 Summary of Existing Plans and Studies

Plans and Studies that were reviewed, cataloged and summarized include the following:

- 2006 San Gabriel River Corridor Master Plan, LACPW
- 2017 Emerald Necklace Implementation Plan, WCA
- 2016 Comprehensive Parks and Recreation Needs Assessment (PNA), LA County Department of Parks and Recreation (DPR)
- 2020 Regional Trail System, DPR
- 2012 Bicycle Master Plan, LACPW
- 2012-2035 Regional Transportation Plan, SCAG
- 2016 Active Transportation Strategic Plan, LA County Metropolitan Transportation Association
- 2020 Open Channel Condition Inspections, LACPW
- 2015 County of Los Angeles Enhanced Watershed Management Programs (EWMP) Programmatic EIR, LACFCD
- 2015 City of Los Angeles EWMP Programmatic EIR, City of Los Angeles
- 2018 City of Los Angeles Ballona Creek Greenway Bacteria EIR, City of Los Angeles
- 2016 Rio Hondo/San Gabriel River Revised Watershed Management Plan (rWMP), LACPW
- 2018 SGV Regional Active Transportation Plan and Greenway Network Study, SGVCOG

- 2015 East SGV Watershed Management Plan, East SGV Watershed Management Group
- 2016 Upper San Gabriel River Enhanced Watershed Management Plan, Los Angeles Regional Water Quality Control Board
- 2014 SGV Regional Bicycle Master Plan, Cities of Baldwin Park, El Monte, Monterey Park, San Gabriel, and South El Monte
- 2015 San Gabriel River Trail Summary Report, DPR
- 2019 OurCounty Sustainability Plan, LA County
- 2019 Transit to Parks Strategic Plan, LA County Metropolitan Transportation Association
- 2020 East SGV Active Transportation Plan, LACPW

In the review of existing plans, studies and projects, relevant design guidelines or standards referenced in the plans that would impact the SGV Greenway implementation were catalogued. These were compiled into another searchable database for use in development of guidelines for the project.

Plans and studies that mention greenway or bikeway design standards and guidelines include:

- 2006 San Gabriel River Corridor Master Plan, LACPW
- 2017 Emerald Necklace Implementation Plan, WCA
- 2012 Bicycle Master Plan, LACPW
- 2012-2035 Regional Transportation Plan, SCAG
- 2018 SGV Regional Active Transportation Plan and Greenway Network Study, SGV COG
- 2016 Active Transportation Strategic Plan, LA County Metropolitan Transportation Authority
- 2015 County of Los Angeles EWMP Programmatic EIR, LACFCD
- 2015 City of Los Angeles EWMP Programmatic EIR, City of Los Angeles
- 2013 County of Los Angeles Trails Manual, DPR
- 2022 Los Angeles River Master Plan, LA County and LACPW

Available Environmental Impact Report (EIR) were also reviewed for proposed project plans that include bikeways, pedestrian paths, and recreational areas within the SGV. Figure 2-2 illustrated the reviewed planned or constructed projects relating to the greenway and identifies gaps throughout the SGV in previous planning efforts.

2 Mapping Gap Analysis

In order to understand plan and project gaps for segments of channel throughout the region and within the planning area, a series of literature reviews were completed. During the literature review, the planned projects were catalogued, geocoded, and mapped. The geocoded data was combined into a master heat-map of projects in order to determine locations with existing planning, design, and construction efforts. Figure 2-3 illustrates the gaps in the previous planned or constructed projects relating to the greenway.

Working with the SC, the maps were used to validate the mapping effort and identified if any remaining greenway or project gaps exist. The SC also assisted by validating which projects were “real”, as well as add any additional projects that the team may have missed. Real projects were projects considered in design or construction, planned with funding, or heavily backed by the community and implementing agencies. This was vital for regions of the planning area where there were many ideas for implementation, but no actionable results.

The Emerald Necklace Area, including the Rio Hondo and San Gabriel River, has received a significant amount of attention from documents such as the San Gabriel River Master Plan and the Emerald Necklace Implementation Plan which is why those regions were not included for further analysis in this Plan.

Figure 2-2. Summary map of existing plans, studies, and projects reviewed within the SGV

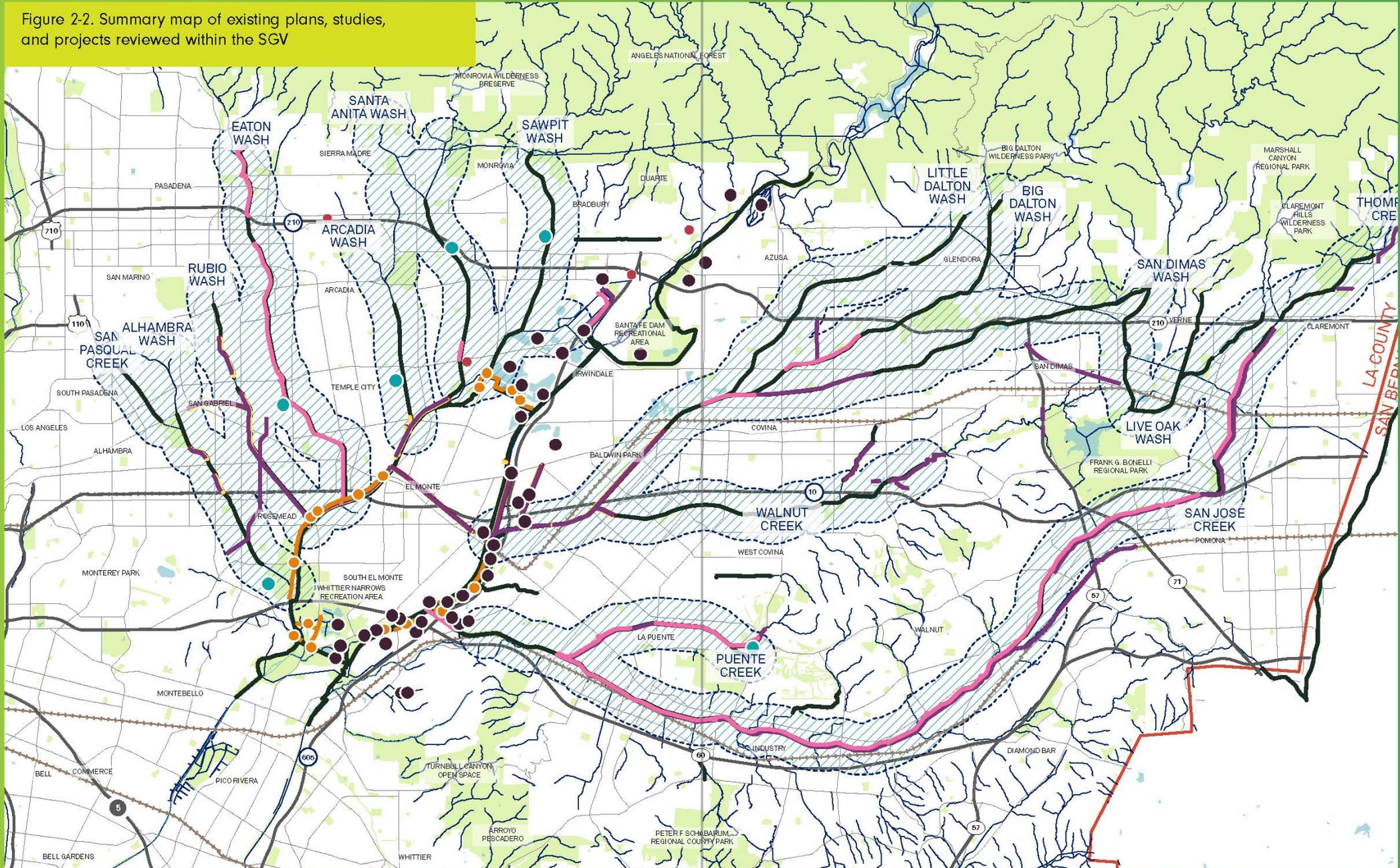
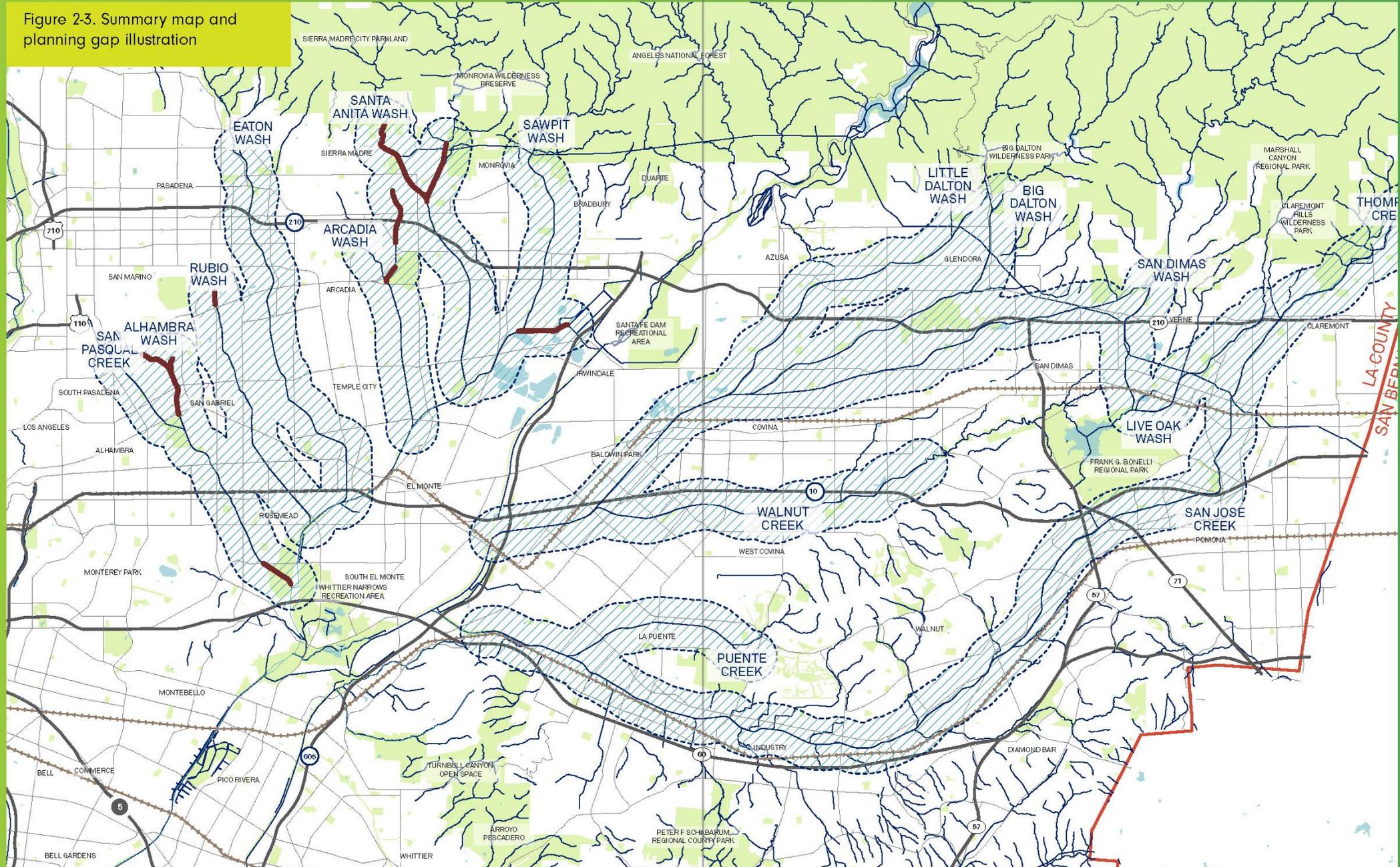


Figure 2-3. Summary map and planning gap illustration



SECTION 3

ENGAGEMENT STRATEGY AND RESULTS





From the outset of the Plan development, community engagement has been a priority to the County. The team understood that the community needed to provide preferences, give feedback, and ask questions at all stages of development to ensure a final Plan that will service the community's needs. Through a variety of communication methods in different languages across the entire SGV and greater LA County area, a two-way means of contact and connection was maintained during plan development.

1 Community Engagement

To summarize the methods of and takeaways from the engagement approach, the **Community Engagement Plan** was developed. This document details the major themes garnered from community feedback, specifying what uses were important to the community, how access to the Greenway was preferred, and what amenities should be prioritized along the alignments. In addition to general feedback on the Plan, an evaluation of the design guidelines and potential project conceptual designs was also requested of the community and results included in the engagement plan.

To provide a thorough summary of the community engagement efforts, the document also includes a detailed summary of the types of engagement materials, approaches, activities employed to involve the community and develop the best approach to implement the Plan's components. An overview of the major accomplishments of the engagement plan can be seen in Figure 3-1.



Figure 3-1. Community Engagement in Numbers

1 Engagement Objectives

Engagement activities were facilitated by the project team using diverse materials, engagement platforms, social and digital media activities, workshops, presentations, and other public-facing activities with adaptive measures to track effectiveness. The equity strategy focused on the following engagement activities to address historically underserved communities and ensure their inclusion in the SGV Greenway Network process and outcomes:

- Build awareness and capacity among residents, communities, and other stakeholders about the SGV Greenway Network planning process, opportunities, and potential projects
- Ensure key stakeholders understand and participate in the process and that all stakeholders have equitable access to the resources they need.
- Create an accessible process with a variety of engagement options and platforms (e.g., time, location, language, and non-digital options) to encourage participation in the SGV Greenway Network planning and use, including capacity building when necessary to ensure equitable participation.
- Develop vision and priorities with input from a cross-section of audiences and stakeholders throughout the SGV Greenway Network, focusing attention on historically underserved communities in the region.
- Demonstrate transparency through open and ongoing interaction with the community throughout the planning process and clear communication about how community input will be incorporated in design and outcomes.
- Ensure outcomes from the Plan reflect the needs of and prioritize benefits to historically underserved groups.

2 Materials, Activities, Timeframes

To reach the diverse stakeholders with interests in the SGV Greenway Network, the engagement plan included promotional materials, multiple types of engagement platforms, social and digital media activities, and descriptions of the workshops, Steering Committee presentations, and other community-facing activities.

All meetings and engagement activities were moved online to adhere to LA County guidelines around COVID-19. The team was able to successfully conduct the planned staff meetings, community engagement, and workshops online utilizing Zoom and Microsoft Teams. Once COVID-19 restrictions were lifted, in-person pop-up events and community workshops were held at various sites in the County. Engagement Materials included the development of a Plan brand, website, promotional materials, and social media materials.

Website

A public website for the Plan was created by the Planning Team to make information related to the Plan available to the community. Via the link, any member of the public can access the website with the most current events, documents, presentations, and meeting notes. The purpose of the website is to provide details on the goals of the Plan as well as upcoming community events, current materials related to designs, workshops, and meetings, and as a platform to provide feedback and receive updates.

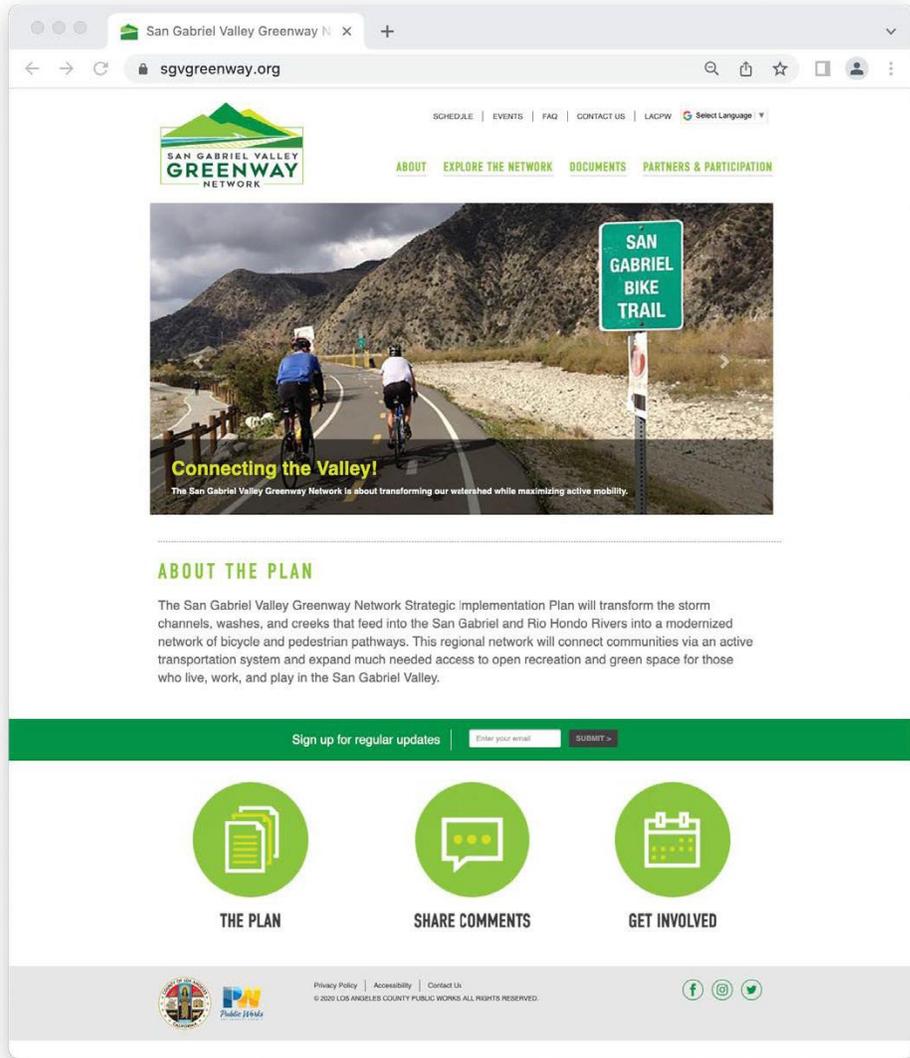


Figure 3-2. Official SGV Greenway Network website homepage

Promotional Materials

Promotional materials were developed to spread the word about the Plan, encourage community members to take the survey, and to increase attendance at workshops. Print material was shared with the hope that individuals would take materials home, research the Plan on their own, take the survey, and share the Plan with family and friends.

Promotional materials included factsheets, social media imagery, workshop flyers, and survey flyers. Factsheets had background information, key goals, community benefits, and resources for the Plan. They were printed in English, Spanish, and Chinese, as shown in Figure 3-3 and posted at regional parks and community centers as well as handed out during pop-up events and in-person workshops. Materials were posted on the website and emailed to community members who had signed up to receive updates through the website, survey, and meeting sign-ups. Digital materials, including social media posts, were also developed for each community workshop, and promoted on various social media platforms.

Website Map Based Survey

Mapping survey was developed to collect knowledge about residents/potential greenway users, and desired activities, destinations, and services. Questions were optional and some allowed participants to select two or more answers. This resulted in total answer counts greater than the number of respondents. Available in English, Spanish, and Chinese formats, a total of 1,546 community members completed the Survey, there were 507 paper survey responses and 1,039 online responses. A mapped version of the responses to one of the survey questions can be seen in Figure 3-4.

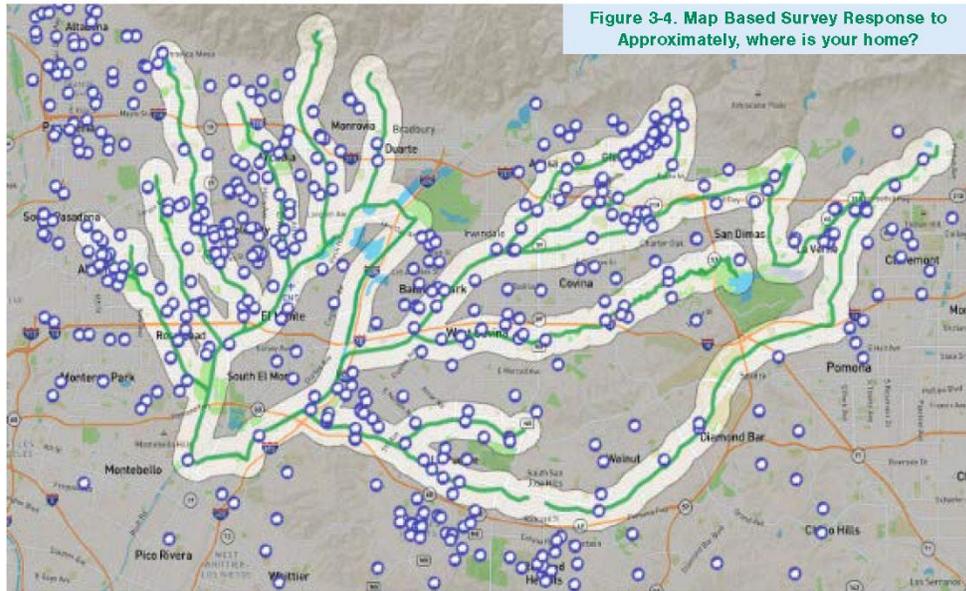


Figure 3 3. Factsheets printed in Chinese, Spanish, and English

Posters

Laminated posters were printed and posted in strategic locations in the Tier 1 tributary areas. Team members researched Google Maps to identify residential areas to post the posters, with pedestrians and bike riders, and easily visible to passersby. The 11 inch by 17 inch posters contained information about the Plan, the website address, and a link to the project survey. Posters were installed on fences along the channels owned by LACFCD. In some instances, a location identified online as a good place for posting was not accessible or appropriate for posting once accessed in-person. Alternate locations were selected in these cases.

A key goal of these postings was to motivate community members to participate in the online survey. A QR code and link specific to the laminated posters were added to the flyers to track the effectiveness of co-locating the flyers with the Plan area. There were 87 responses to the survey that originated from the laminated posters.



Community Workshops

Three rounds of virtual community workshops were hosted to collect essential community input for incorporation into the Plan. Each round covered different material to give the community a chance to respond at different stages of Plan development.

Community Workshop round one, two, and three were held in November 2021, February 2022, and June 2022, respectively. Participants were invited through social media, email blasts, and calls to various organizations and agencies based on research from the pop-up event coordination and contacts provided by the Steering Committee members. Community members were asked to register to gauge the number of workshop participants. For each round of workshops, two to four workshops were held at varying times and days of the week to be accessible to a diverse group of SGV residents.

Every workshop presentation had Spanish interpretation available and began with a welcome from the team, a land acknowledgment of the first

peoples of the ancestral land, and an overview of the workshop agenda. Open discussion periods encouraged community members to ask questions and make comments. Workshops closed with an overview of key themes and project next steps. Most workshops were held virtually on Zoom to adhere to LA County guidelines around COVID-19, however, the third series was held in-person at the San Gabriel Library and the Baldwin Park Community Center. Community workshops garnered participation from 134 community members throughout the nine workshops. LACPW staff answered questions and prompted participants to be aspirational with their ideas and open with their concerns.

Watershed Conservation Authority Engagement

WCA assisted throughout the engagement process by developing a paper survey similar to that of the digital survey to accommodate residents who may have technology barriers. They also provided assistance by engaging with various community groups throughout the SGV.

Pop-up Events

Eighteen community pop-up events were hosted at a broad range of locations in the SGV. Primary goals of the pop-up events were to build project awareness and gather feedback for the Plan. Pop-up events were planned to intercept community members while they were out and about at existing recreational facilities or community events. The pop-up events were held during a transitional period of the COVID-19 Pandemic, between December 2021 to July 2022. Attending project team members followed COVID-19 guidelines and safety precautions per the LAC Department of Public Health. Participants were able to attend pop-up events freely and attend as many as they wanted.

Pop-up events had similar layouts and materials and were conducted in the same manner to ensure participants had comparable experiences. A series of display posters were used summarizing the Plan overview, potential features, and greenway

opportunities. Materials passed out to participants included a factsheet and survey flyer, available in English, Spanish, and Chinese, and Plan branded swag including bags, reusable aluminum water bottles, reusable plastic water bottles, and pens. Discussions that took place during these events were informal and informative. Staff shared an overview of the Plan and described a vision of the potential uses, features, and configurations. Staff encouraged and incentivized community members to take the online map-based survey and collected verbal comments and feedback. Nearly 800 community members stopped by and participated across all eighteen pop-up events.

Audience and Messaging

Plan engagement included residents within LA County and the SGV but focused on those living and working near within the project area. Community members were able to provide the desired location of priority greenway projects, project elements, and broad plan implementation outcomes.



Figure 3-5. Community members discuss the Plan at Covina Farmers Market Pop-Up event

2 Engagement Leadership

Four major groups comprised the leadership team that collaborated to develop the Plan as shown on Figure 1-3. In the outer ring, the consultant team is shown. This is the team contracted by LACPW to prepare the Plan based on County, Stakeholder, and Steering Committee guidance. The consultant team includes BC as lead, with Studio-MLA, MIG, KOA, Catalyst, and PACE for landscape architecture, community engagement, traffic engineering, CEQA/NEPA environmental documentation, and civil and environmental engineering support, respectively. The next ring identifies the stakeholders which included cities throughout SGV, among other invested parties. These stakeholders represent constituents within SGV that would be most impacted by the Plan,

and whose preferences, comments, and feedback guided the plan development. Their input was invaluable in identifying what specific wants and need the Plan should address. The Steering Committee includes representatives from multiple organization.

The Steering Committee contributed to the engagement efforts, as active, vocal participants and providing a list of contacts and community groups to engage with. SC members also provided valuable feedback on all promotional and informational materials used throughout the engagement process. Meeting materials for the Steering Committee meetings can be found in Appendix D.

3 Engagement with Municipal Stakeholders

Twelve cities throughout SGV participated in stakeholder meetings over the course of the Plan development to provide input on the alignments and goals of the document. These meetings were held by LACPW team members and included at least one representative from each participating city.

Additionally, the County met with the City of Claremont on January 12 and the City of Pasadena on January 19. Meeting minutes from these two meetings will be forthcoming. The cities engaged and the dates of their meetings are summarized in Figure 3-6.

1 Round 1 Municipal Stakeholder Workshops

During the first round of meetings, the cities were asked the same series of questions to ensure community preferences were honored and included in the plan. The questions considered included:

- **Question 1:** What project opportunities have been considered? Meaning what opportunities would make the greatest impact for the City?
- **Question 2:** Who else should we be engaging with? Any specific groups within your City?

Responses varied from city to city, but each municipality provided valuable and specific feedback for the reaches that fall within their jurisdiction. In response to Question 1, each city identified locations where greenways, bike paths, and other stormwater infrastructure are already in place or in progress, as well as areas that could serve as potential opportunities. The municipalities called out organizations, nearby cities, and individuals (i.e., councilmembers, etc.) that should be contacted or included in engagement efforts in response to Question 2.

2 Round 2 Municipal Stakeholder Workshops

For some cities, specifically the Cities of Pomona, Industry, Glendora, San Gabriel, and Claremont, an additional stakeholder meeting was held in Round 2. Baldwin Park was also added to the list of municipal stakeholders, and a first workshop was held for the city in Round 2. These extra meetings were held to provide an update on the Plan development, schedule, and community engagement efforts. The conceptual designs as included in Appendix I were also reviewed during these meetings.

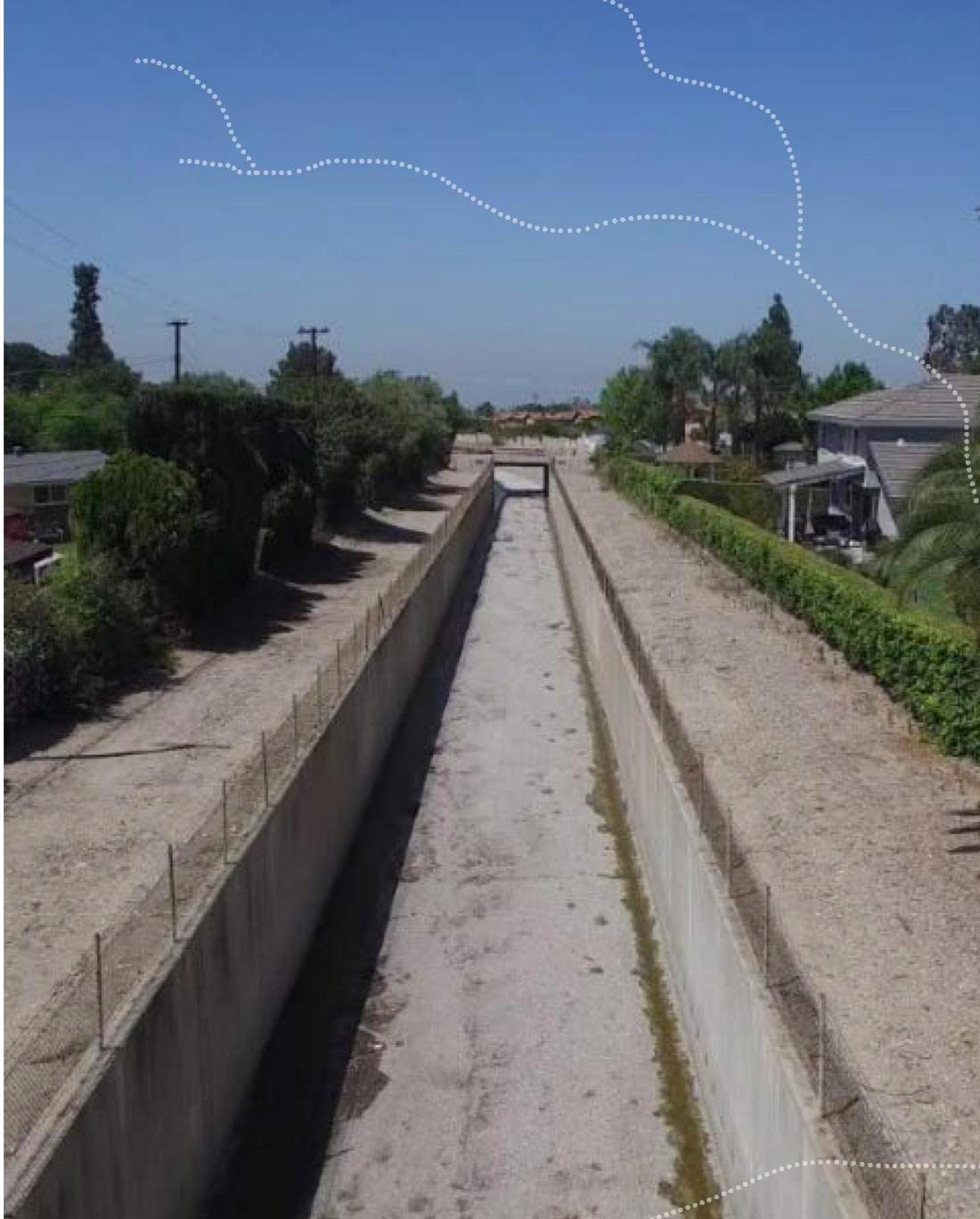


Figure 3-6. Timeline of Municipal stakeholder workshops

SECTION 5

**GREENWAY
CONCEPTUAL DESIGN
DEVELOPMENT**





This section is focused on how Tier 1 reaches were characterized, and what data were developed to support greenway project implementation. Greenway and greenway adjacent opportunities were identified along Tier 1 reaches within the SGV with special focus on bike paths that could make up the greenway network, greenway crossings of existing roads, and project components on greenway adjacent parcels. Opportunity characterizations provide a comprehensive view of project potential along Tier 1 reaches, and some were included in conceptual designs presented in this plan.

Greenway alignment opportunities were developed to identify the ROW available for paths along Tier 1 reaches. Section 5.1 discusses how alignment ROWs were classified, what those classifications mean for how greenways could develop, and what greenway alignment information is available to support future planning efforts.

Greenway street crossing treatments, including intersection navigation opportunities, were reviewed for the full extents of Tier 1 reaches. Section 5.2 discusses how crossing treatments were formulated to provide planners with a starting point for designing greenway street crossings.

Potential project components were identified along Tier 1 reaches and included opportunities such as potential surface and sub-surface stormwater best management practices (BMPs), existing park enhancements and/or connections, potential new parks or pocket parks, and open space enhancements to existing schools and/or neighborhood connections. Section 5.3 discusses how potential project components were identified, prioritized, and characterized. Future planners will be able to use the data from Section 5.3 to identify projects that may be paired with greenway paths to maximize the multiple benefit nature of greenway projects.

Draft conceptual designs were developed with consideration of the three elements identified along Tier 1 reaches to formulate what comprehensive greenway projects could be. Section 5.4 describes how data gathered in Sections 5.1, 5.2, and 5.3 were used to formulate ten conceptual design projects that were representative of SGVGN plan board motion goals. The ten conceptual design projects are also included to show what holistic greenway network projects could look like, and to provide materials that may be used to pursue funding and implement greenway projects.

1 Tier 1 Greenway Alignments

All potential on-channel ROW areas were reviewed to identify tributary segments that could support greenways. Alignments specified in this SGV greenway plan present the full opportunity to

implement greenways along flood control channels in the SGV and are shown in Figure 5-1. These alignments and associated ROW widths may be used in future planning efforts in the SGV.

San Gabriel Valley Greenway Network

Strategic Implementation Plan

Conceptual Design

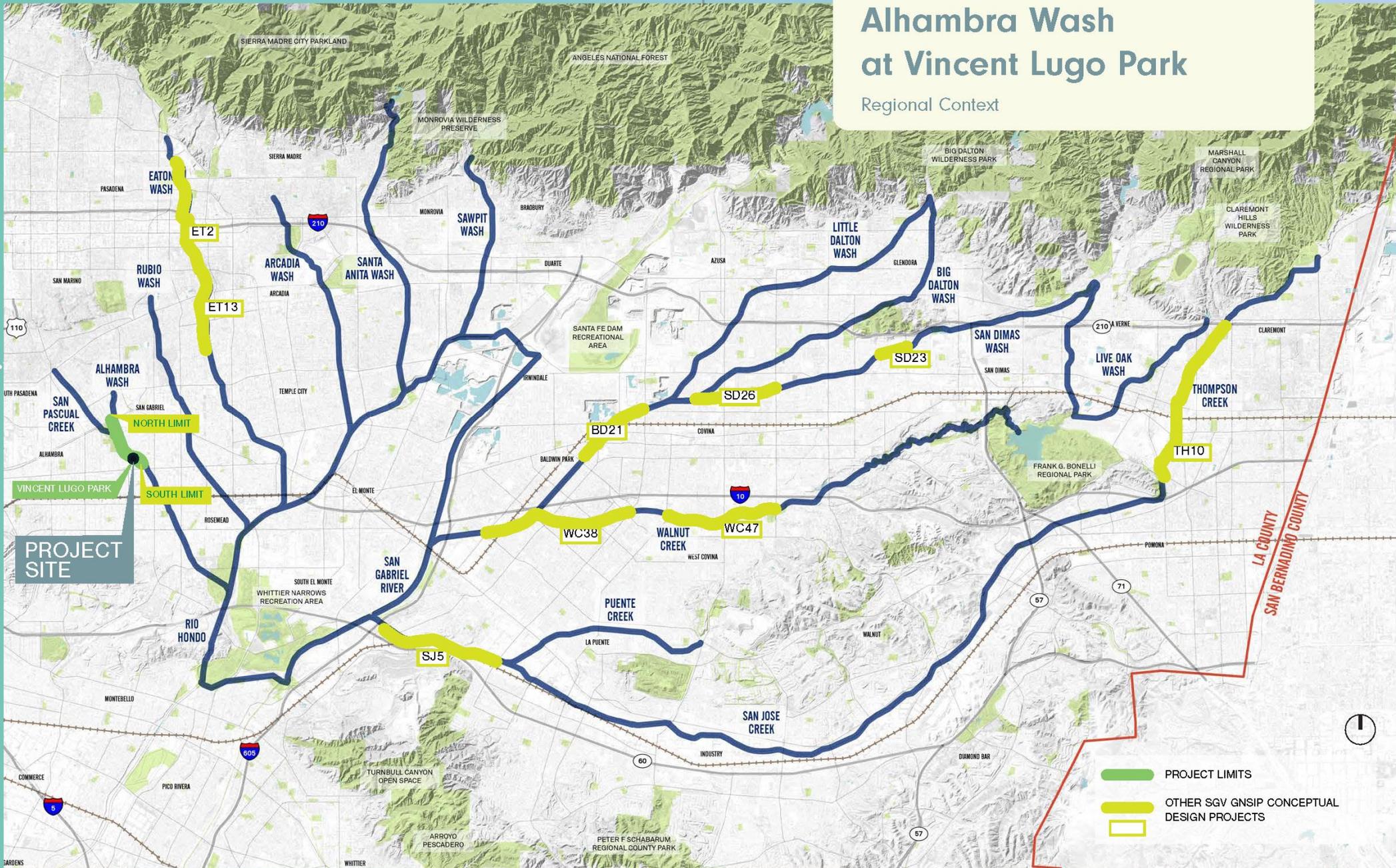
Project A15

**Alhambra Wash
at Vincent Lugo Park**



Alhambra Wash at Vincent Lugo Park

Regional Context



- PROJECT LIMITS
- OTHER SGV GNSIP CONCEPTUAL DESIGN PROJECTS



Existing Conditions Alhambra Wash at Vincent Lugo Park

[Click Here for 360 View](#)



Connection to Vincent Lugo Park.



Pedestrian connection to existing bridge at Newby/ Abbott Avenue.

Greenway Network

ALHAMBRA WASH AT VINCENT LUGO PARK - A15

Introduction

The Alhambra Wash Greenway project provides 1.3 miles of new Greenway, connecting Mission Rd. to the north, and Hovey Ave. to the south. Central to the project is connecting Vincent Lugo Park to the Greenway network as a shared community park/Greenway amenity. The available R/W is between 13-17 FT wide for the project's complete extents, providing an opportunity for planting along the edge of the 12 FT path that could double as linear stormwater BMPs. Expanding connectivity through the adjacent neighborhoods to major arterials Valley Blvd. to the south and Mission Rd. to the North is proposed. At Hovey Ave., where the wash goes undergrounds, an on-street (Class II or Class III) bike route along Abbot Ave. is proposed. It provides a low-stress connection between Valley Blvd. and the Greenway. To the north, a connection over Mission Rd. and the adjacent Union Pacific tracks would link communities across the tracks. Furthermore, an east-west bicycle and pedestrian route across a proposed cross-channel bridge via Alhambra Park and the school district roads would provide an alternative to Mission Road, and connect San Gabriel High School with its attendance zone to the west.

Agency Context

A portion of the proposed Alhambra Wash Greenway project falls within an area of the wash that is owned and operated by USACE. The project extents fall within the Cities of Alhambra and San Gabriel. Future outreach with the project's neighbors - Almansor Park, Alhambra Golf Course, Winston Smoyer Memorial Community Garden, San Gabriel High, and McKinley Elementary will provide further opportunities to enhance the Greenway project.

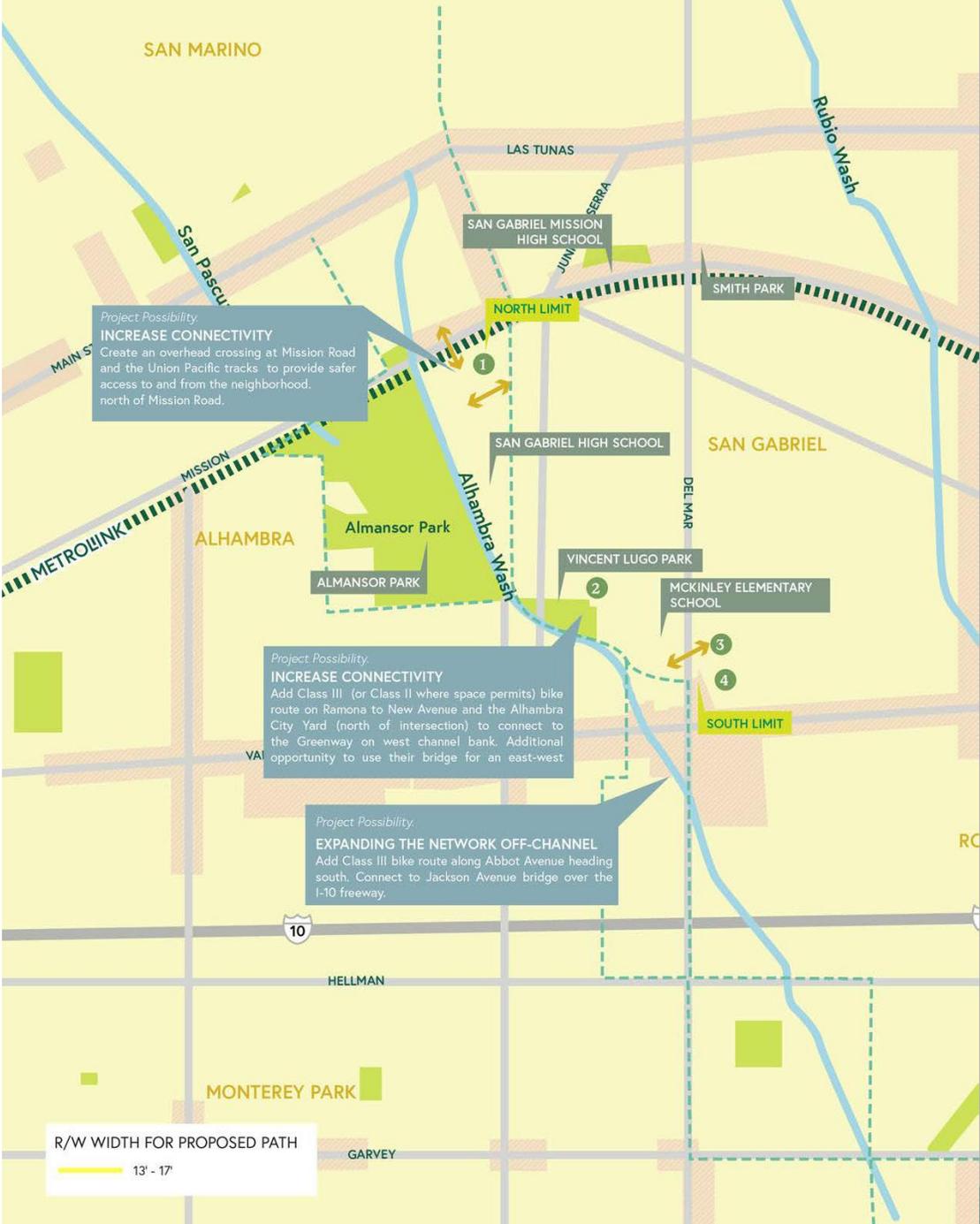
Proposed Greenway Alignment

Starting at Mission Rd., a 12 FT multi-use path would extend south along the west (right) bank adjacent to the Alhambra Golf Course and around the confluence of the Alhambra and San Pascual Washes. Coordination with Alhambra Parks and Recreation could allow the path to continue along their maintenance access road. At Ramona St., the path would shift to the east (left) bank and follow the channel through Vincent Lugo Park, and past McKinley Elementary to Hovey Ave.

Access Points And Crossings

See Task 608 (Attachment C) crossing summaries for more detail.

1. Mission Rd. + the Union Pacific Tracks - A railroad crossing and a cross-channel bridge would enable this Greenway to fill a missing active transportation link in both the north-south and east directions.
2. Ramona St. + Vincent Lugo Park - A new shared medium-sized gateway should be incorporated into the existing park entrance, with signage directing Greenway users to key park amenities.
3. Newby Ave. / Abbot Ave. - Update the existing pedestrian path as a small gateway and provide a new bridge crossing that is ADA compliant. Add Class I bike route along existing walkway.
4. Hovey Ave. - Provide a small gateway connection, with directional signage and safety bollards to assist in user navigation and connection to the proposed Class III bike route.



Project Possibility.
INCREASE CONNECTIVITY
 Create an overhead crossing at Mission Road and the Union Pacific tracks to provide safer access to and from the neighborhood, north of Mission Road.

Project Possibility.
INCREASE CONNECTIVITY
 Add Class III (or Class II where space permits) bike route on Ramona to New Avenue and the Alhambra City Yard (north of intersection) to connect to the Greenway on west channel bank. Additional opportunity to use their bridge for an east-west

Project Possibility.
EXPANDING THE NETWORK OFF-CHANNEL
 Add Class III bike route along Abbot Avenue heading south. Connect to Jackson Avenue bridge over the I-10 freeway.

R/W WIDTH FOR PROPOSED PATH
 13' - 17'

MAP LEGEND



0 1000 2000 FT

1 INTERSECTION CROSSING / ACCESS PT

RETAIL / COMMERCIAL / IND

GREENWAY COMMUNITY CONNECTIONS / DESTINATIONS

PROPOSED BRIDGE CROSSING

OFF-CHANNEL ALIGNMENT POSSIBILITIES
 See task 606 deliverable for comprehensive map of alignment possibilities.

AVAILABLE PARCEL BOUNDARY
 See task 608 deliverable for comprehensive list of parcels available.

Greenway Network

ALHAMBRA WASH AT VINCENT LUGO PARK - A15

Greenway Segments - Available R/W

The on-channel alignment neighbors community resources and amenities, creating a real opportunity for increased connectivity and recreation space. Every effort to collaborate in future design should be explored and where feasible, widening the Greenway for additional amenities or increased connectivity should be prioritized.

1. Mission Road to Ramona Street - 3675 LF of 13-17 FT R/W width available.
2. Ramona Street to Hovey Avenue - 2095 LF of 13-17 FT R/W width available. 1507 LF of this section falls within Vincent Lugo Park. These sections should be coordinated with any on-going or upcoming projects at Vincent Lugo Park.

Along the proposed on-channel extents, the SGV Greenway Network Design Guidelines and Standards shall be followed. The proposed section would include new fencing along the channel, a path, and 3 FT wide bioretention planters that provide planting, habitat, beautification, and stormwater infrastructure.

Stormwater Approach

A stormwater project has been proposed for implementation at Vincent Lugo Park as part of the Safe Clean Water Program to capture, treat, and infiltrate dry weather flows from the Alhambra Wash. This prospective project would leverage space available in the Park to enhance or add 10,000 square feet of dry creek bed, 12,000 square feet of new bioswale, 14 shade trees, 8 benches, 1400 LF of nature path, and educational signage. Stormwater that is feasibly captured nearby planted vegetation may support passive irrigation.

Nature based stormwater controls are recommended along bike paths to provide multiple benefits. Several on-channel stormwater control options include bioswales and permeable pavement, both with or without an underdrain depending on soil infiltration. All stormwater control recommendations are based on concept level estimates of rainfall, impervious area addition, and infiltration. Site specific stormwater controls should be evaluated in detail on a case by case basis. If the infiltration rate in a given location is less than 0.3 in/hr, 1.5 times the stormwater design volume must be treated and conveyed via underdrain to a channel or location where water could be infiltrated. See the SGV Greenway Network Design Guidelines and Standards for additional information.



R/W WIDTH FOR PROPOSED PATH
13' - 17'

MAP LEGEND

	STORMWATER DRAIN DIVERSION AND/OR CAPTURE OPPORTUNITY
	GREENWAY ALIGNMENT SEGMENT
	PROPOSED BRIDGE CROSSING
	OFF-CHANNEL ALIGNMENT POSSIBILITIES <small>See task 606 deliverable for comprehensive map of alignment possibilities.</small>
	AVAILABLE PARCEL BOUNDARY <small>See task 608 deliverable for comprehensive list of parcels available.</small>
	STORMWATER BMP FOR MULTI-USE PATH
	PARKS / OPEN SPACE
	RETAIL / COMMERCIAL / IND

Neighborhood

ALHAMBRA WASH AT VINCENT LUGO PARK - A15

In addition to providing a continuous path alignment, some additional enhancements can be incorporated into the project to create multi-beneficial opportunities. Connecting the path to the existing amenities that Vincent Lugo Park already has to offer is the primary objective.

Project Possibilities

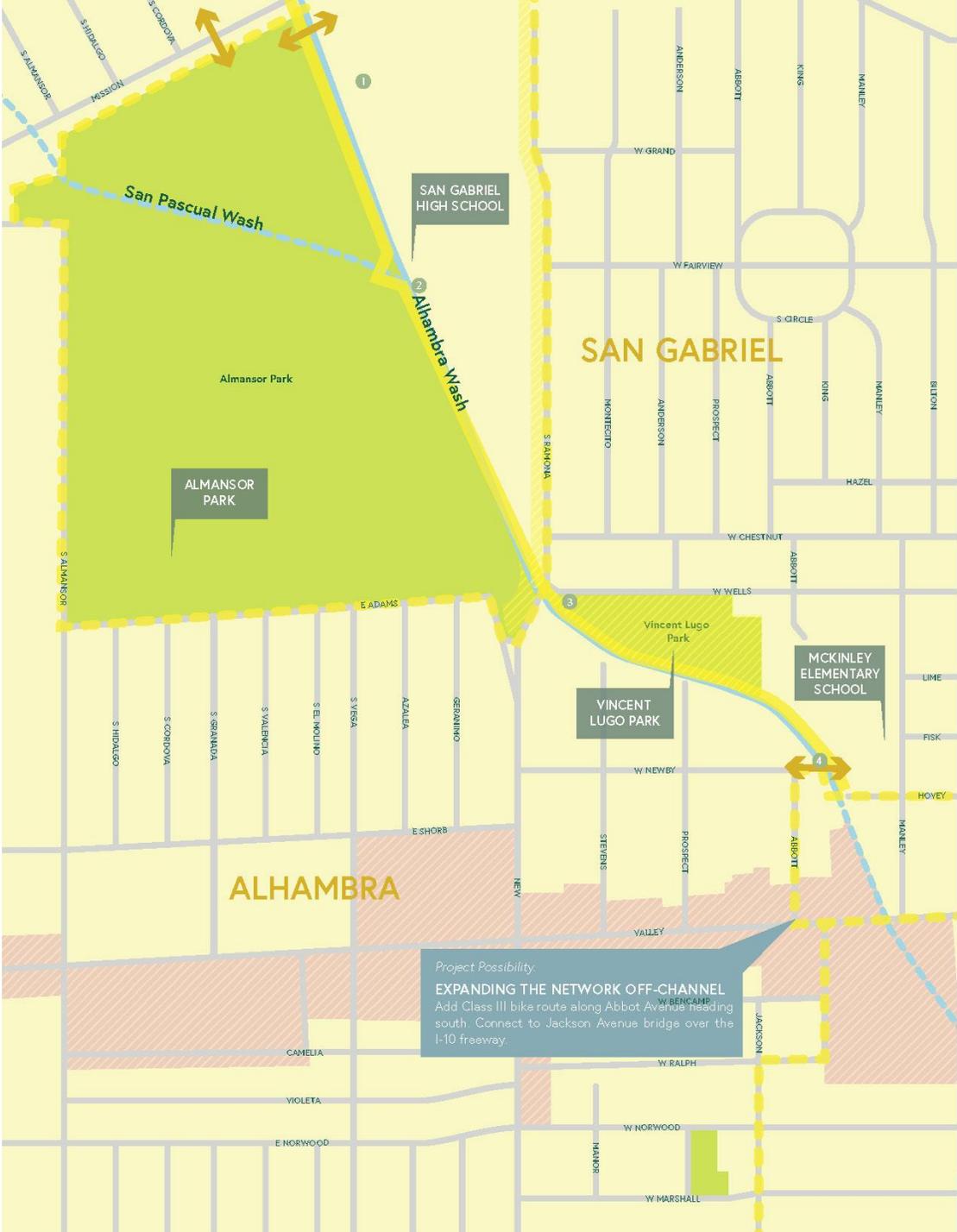
- 1 Increase Connectivity**
 Install a bridge across the channel south of the Union Pacific tracks to provide an east-west ped/bike route along the golf course service road and school district road.

Other connectivity options should be explored and highlighted through the signage program outlined per the design guidelines. Connection should include, but not be limited to: San Gabriel Mission, San Gabriel High School, and Almansor Park.
- 2 Stormwater Capture And Treatment**
 Where the Pascual and Alhambra Washes meet, there's an opportunity to provide additional stormwater capture and treatment in the form of a demonstration garden with educational signage.
- 3 Gateway Park**
 Vincent Lugo Park is one of the few public open spaces in the area. The park has many amenities including playground space, paved paths, trails, restrooms, a baseball field, extensive parking, and open lawn. Minor enhancements to improve upon the existing plan is advised to align more directly to the greenway project goals. These include converting the existing decomposed granite path along the channel to a paved multi-use path and adding signage to direct path users to the park's existing amenities.
- 4 Accessibility**
 Upgrade the existing bridge to conform to ADA standards of access. Add a Class I bike path along the Newby Avenue walkway between the bridge and Abbot Avenue.

MAP LEGEND

0 400 800 FT

- GREENWAY COMMUNITY DESTINATIONS
- PARCEL BOUNDARY
- EXPANDED OPEN SPACE OPPORTUNITY
- RETAIL / COMMERCIAL / IND
- PROPOSED BRIDGE CROSSING
- PROPOSED CONCEPTUAL DESIGN ALIGNMENT
- OFF-CHANNEL ALIGNMENT POSSIBILITIES



Parcel Scale

ALHAMBRA WASH AT VINCENT LUGO PARK - A15

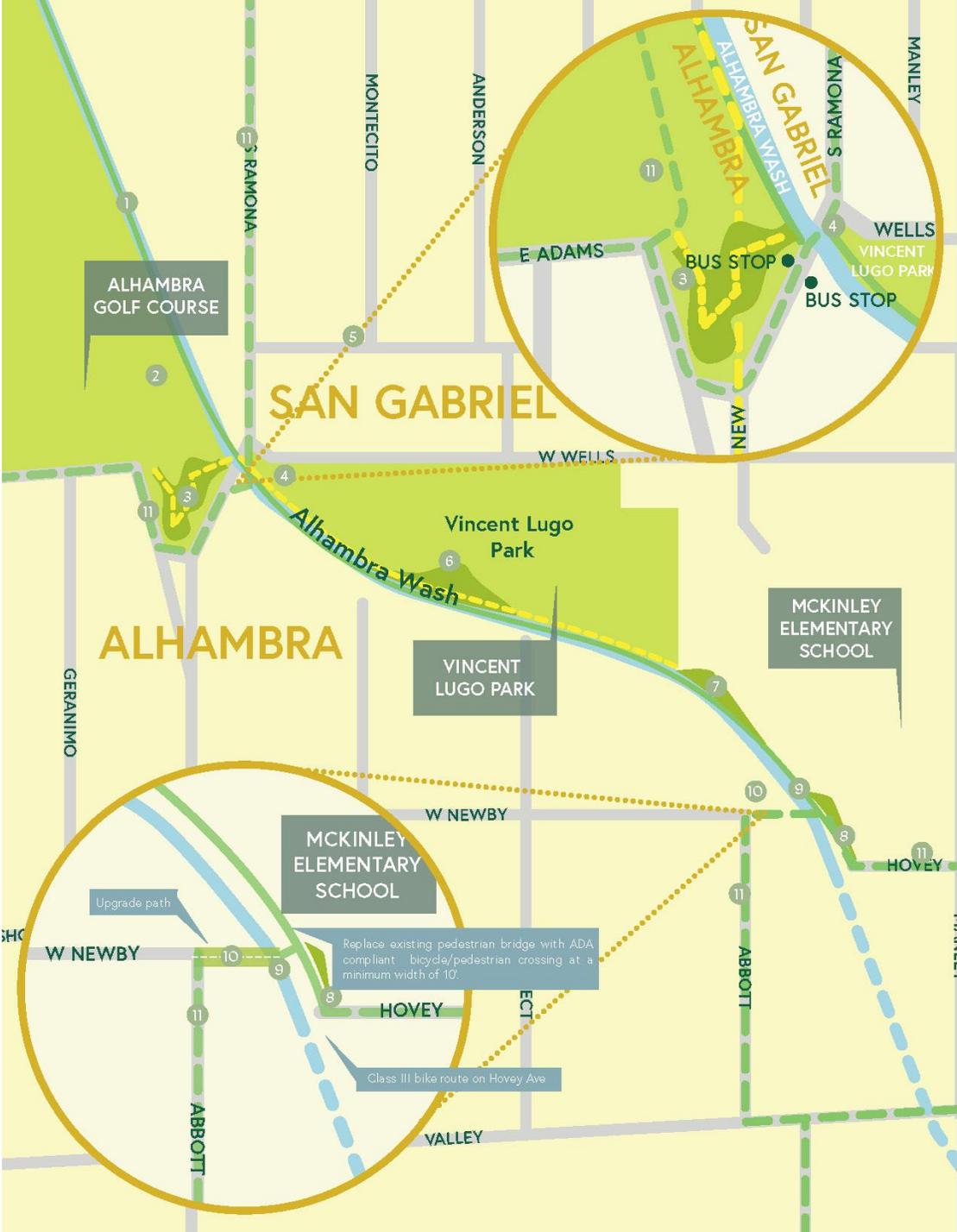
Elements to Feature

- 1 Provide a multi-use path along the channel edge, taking advantage of the existing tree canopy along the Alhambra Golf Course edge. Coordination with the golf course to ensure adequate planting and/or netting is provided to mitigate any safety concerns from flying golf balls will be required. In addition to netting, a visual non-transparent shield is recommended so that golfers teeing off would not be distracted by passing bicyclists or pedestrians.
- 2 Class II or III bike path along New Avenue to Alhambra Corporation Yard.
- 3 Open space enhancements to create connection between the neighborhood, open space area, and the proposed path. This could be a small interpretative neighborhood garden to demonstrate garden types such as low water use, habitat, or pollinator gardens.
- 4 Enhance the existing park entry to become a medium sized gateway, with signage directing users to the Greenway path, and other park amenities, and local destinations.
- 5 Where feasible, the decomposed granite walking path shall be replaced, or repaired so it aligns with the multi-use path and provides a path for slower traffic.
- 6 Connection to existing park amenities.
- 7 Privacy screening between path and school.
- 8 Demonstration garden at edge of school parking lot. This will act as a small gateway moment at the end of Hovey Avenue.
- 9 Replace existing pedestrian bridge with ADA compliant bicycle/pedestrian crossing at a minimum width of 10 FT.
- 10 Small Gateway on west side of bridge.
- 11 On-street bike route alternatives if a Greenway channel were not available to the south.

MAP LEGEND



- PROPOSED CONCEPTUAL DESIGN ALIGNMENT
- OFF-CHANNEL ALIGNMENT POSSIBILITIES
- PROPOSED PARK EDGE PATH
- GREENWAY COMMUNITY DESTINATIONS
- PARCEL BOUNDARY







Plan Sections

Steering Committee Review of Word Format



SGVGN Plan Sections

Tribal Land Acknowledgment

Director's Message

List of Abbreviations

Executive Summary

1. Introduction to SGVGN Plan
2. Existing Conditions Summary
3. Engagement Strategy and Results
4. Project Opportunities Analysis
5. Greenway Opportunities and Example Conceptual Designs
6. Implementation Strategies
7. Resources
8. Appendices

SGVGN Plan Sections

1. Introduction to SGVGN Plan

- 1.1 Plan Goals
- 1.2 Plan Area
- 1.3 Plan Description
- 1.4 Background and History of the Plan Area
- 1.5 Plan Partners and Plan Team
- 1.6 Approach to Plan Development
- 1.7 How to Use this Document



SGVGN Plan Sections

3. Engagement Strategy and Results

- 3.1 Community Engagement Plan
- 3.2 Engagement with Steering Committee
- 3.3 Engagement with Municipal Stakeholders
- 3.4 County Collaboration
- 3.5 Community Engagement Report and Incorporation
- 3.6 Engagement for the Public Release of the Plan



SGVGN Plan Sections

6. Implementation Strategies

- 6.1 Plan Implementation
- 6.2 SGV Greenway Project Description
- 6.3 Project Implementation
- 6.4 Plan Resources for Project Implementation
- 6.5 Permitting and Approvals
- 6.6 Advancing Partnerships
- 6.7 Community Engagement Mechanisms
- 6.8 Funding Sources

Summary of Project Implementation Phases

STAGE	DESCRIPTION	INVOLVED PARTIES
 PLANNING	<ul style="list-style-type: none"> Partner/roles identification Goals and objectives definition Data collection Opportunities and constraints analysis Stakeholder and agency engagement Concept development and cost estimating Permitting and approval requirements and engagement 	<ul style="list-style-type: none"> Project proponent responsible with technical consultants assisting Key regulatory liaisons engaged to understand approval requirements Early stakeholder engagement essential to project success
 DESIGN AND PERMITTING	<ul style="list-style-type: none"> Finalize greenway alignment Project element selection and configuration Conceptual design Detailed design, O&M plan/agreement, and cost estimating Permit applications and environmental documentation submitted, RAI responses until approved 	<ul style="list-style-type: none"> Project proponent responsible with technical consultants assisting Adjacent projects/communities coordination Regulatory liaisons for project review and approval Stakeholder coordination on design (public and advocacy groups)
 BIDDING	<ul style="list-style-type: none"> Bid package preparation (final construction and bid documents) Bid advertisement and pre-bid meeting Bid addenda issued Bid opening Bid assessment and award 	<ul style="list-style-type: none"> Project proponent responsible with assistance from technical consultants Adjacent projects/communities coordination Stakeholder coordination on construction expectations and support (public and advocacy groups)

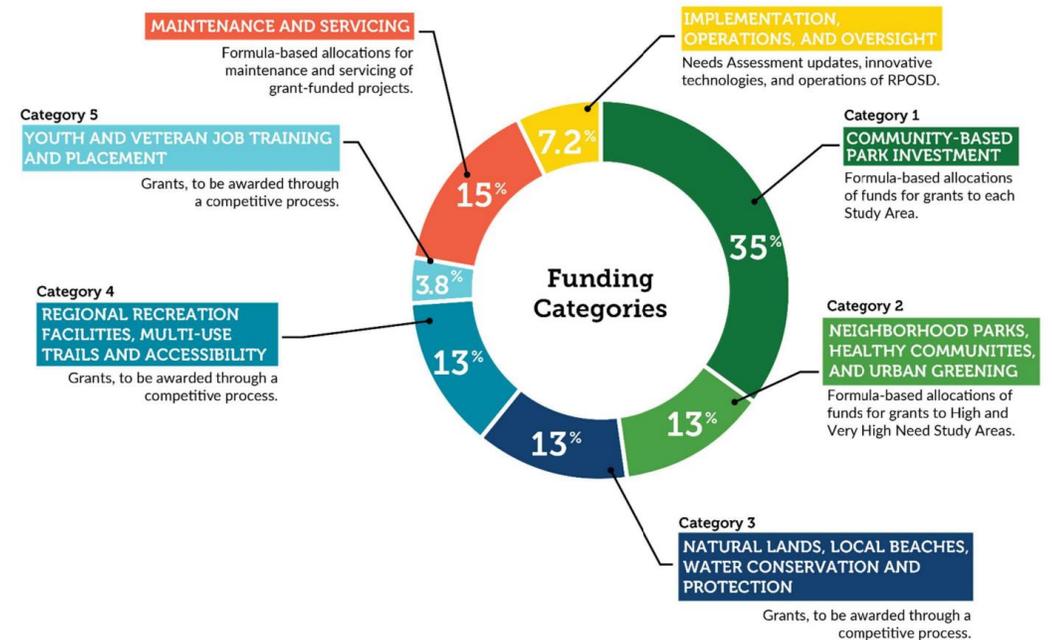
STAGE	DESCRIPTION	INVOLVED PARTIES
 CONSTRUCTION	<ul style="list-style-type: none"> Construction Administration and inspections Submittal and pay application reviews Periodic meetings Design amendments/change orders, if needed Final inspections and close-out Permit clearances 	<ul style="list-style-type: none"> Project proponent is Owner Technical consultants provides services per Owner Adjacent projects/communities coordination Regulatory liaison coordination Stakeholder coordination, progress and addressing issues
 OPERATIONS & MAINTENANCE	<ul style="list-style-type: none"> O&M Plan finalized with responsibilities Post-construction activities maintain greenway and components to level of service O&M reporting as required 	<ul style="list-style-type: none"> Project proponent responsible Project partners if performing some O&M activities Contractors, if responsible for O&M Regulatory liaisons if permitting requirements Stakeholder feedback on O&M needs or general issues



Community and stakeholder engagements should occur throughout the project life.

Funding Sources

Local	Safe Clean Water Program (Measure W): Stormwater projects that increase capture and reuse and reduce stormwater pollution.
	Measure A: Safe Clean Neighborhood Parks and Beaches Protection Measure
	Measure M: Funds mobility and transportation projects, including active transportation Agency funds from LACFCD, LA County Board of Supervisors, Congressional representatives Net Toll Revenue Grant Programs to fund active transportation projects.
State	Proposition funds: Propositions 1 and 68 to fund ecosystem and watershed protection and parks. Active Transportation Program (ATP) to encourage biking and walking. State conservancies administer additional grant programs that benefit climate resilience and waterways. Affordable Housing and Sustainable Communities Program to support walking, biking, and use of public transportation. Caltrans grants Recreational Trail Program CAL FIRE Urban and Community Forestry Program Wildlife Conservation Board
Federal	US Army Corps of Engineers
	US Fish and Wildlife Service
	National Parks Service
	US Bureau of Reclamation WaterSMART
	USDOT grants, including new grant programs from the Bipartisan Infrastructure Law



Use of Measure A funds by category

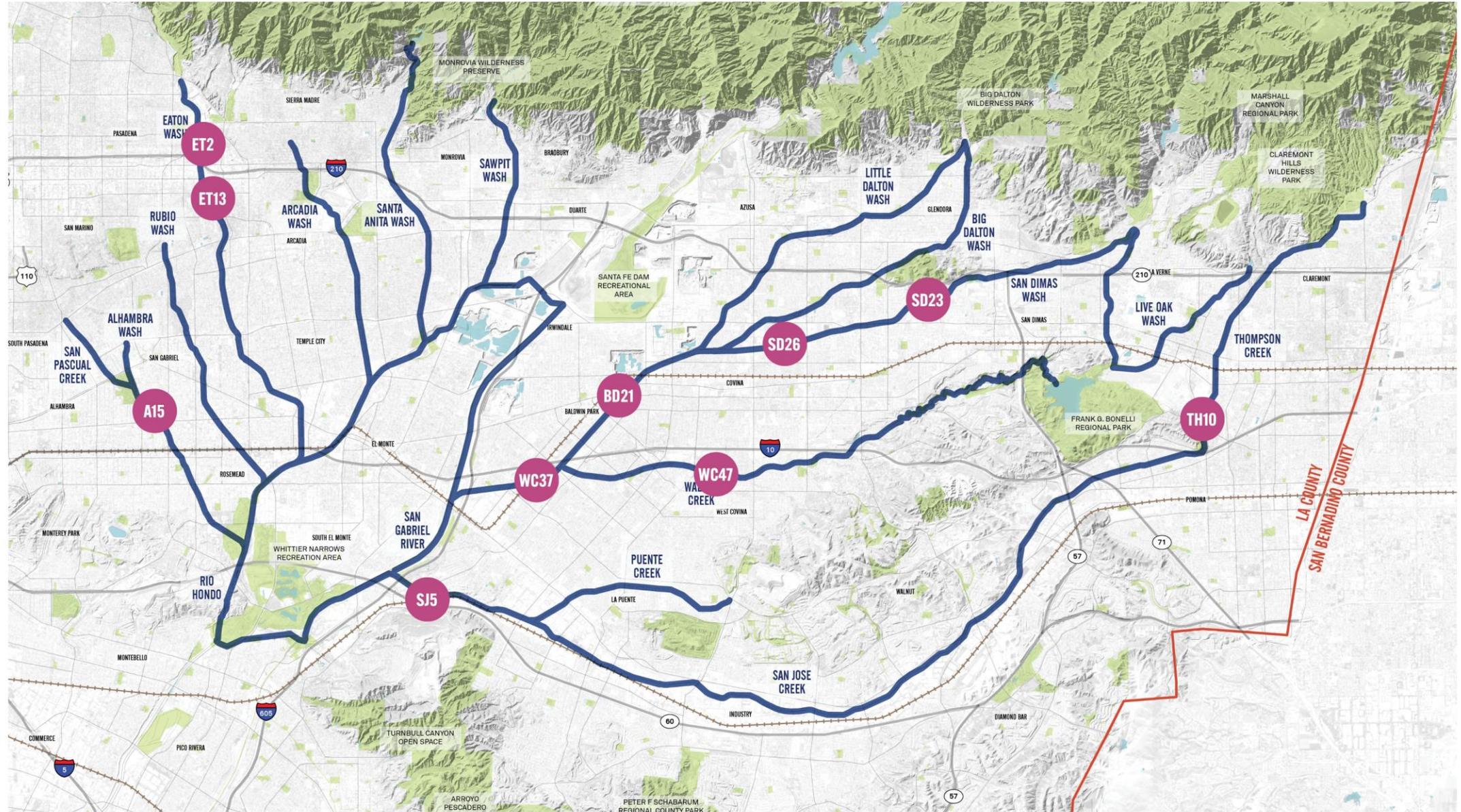
Source: LA County Regional Park and Open Space District

3D Renderings Update



EXAMPLE PROJECT SITES

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN—RENDERINGS



AERIAL RENDERINGS

A15 - ALHAMBRA WASH

ALHAMBRA WASH AT VINCENT LUGO PARK



A15 - ALHAMBRA WASH

ALHAMBRA WASH AT VINCENT LUGO PARK



BD21 - BIG DALTON WASH

BIG DALTON WASH AT HILDA L. SOLIS PARK



BD21 - BIG DALTON WASH

BIG DALTON WASH AT HILDA L. SOLIS PARK



ET2 - EATON WASH

EATON WASH SPREADING GROUND FITNESS LOOP



ET2 - EATON WASH

EATON WASH SPREADING GROUND FITNESS LOOP



SD23 - SAN DIMAS WASH

SAN DIMAS WASH AT GLADSTONE PARK



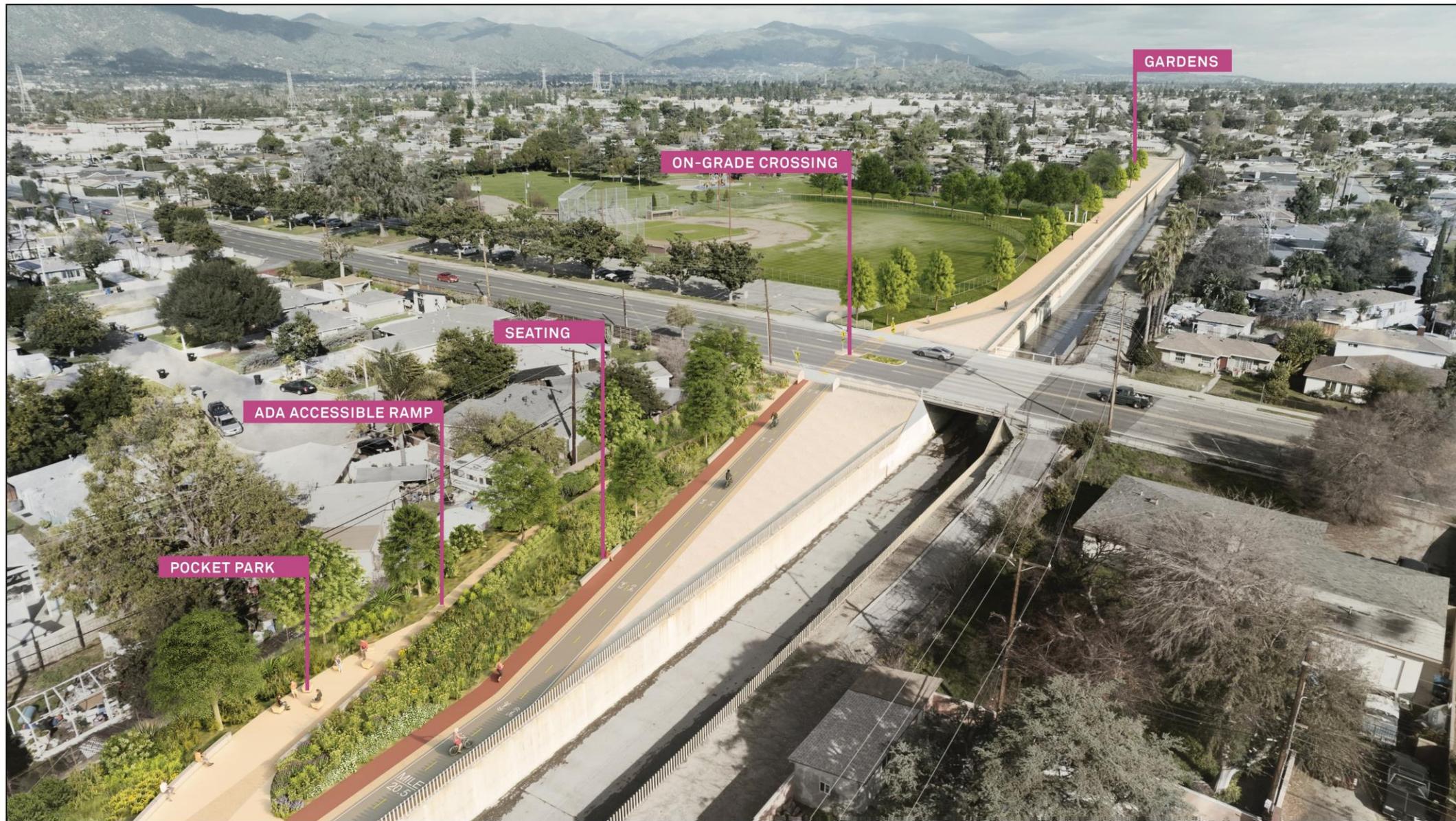
SD23 - SAN DIMAS WASH

SAN DIMAS WASH AT GLADSTONE PARK



SD26 - SAN DIMAS WASH

SAN DIMAS WASH AT HOLLENBECK PARK



SD26 - SAN DIMAS WASH

SAN DIMAS WASH AT HOLLENBECK PARK



SJ5 - SAN JOSE CREEK

SAN JOSE CREEK AT OVERLOOK PARK



SJ5 - SAN JOSE CREEK

SAN JOSE CREEK AT OVERLOOK PARK



TH10 - THOMPSON CREEK

THOMPSON CREEK AT FAIRPLEX



TH10 - THOMPSON CREEK

THOMPSON CREEK AT FAIRPLEX



WC47

WALNUT CREEK POCKET PARK



PUBLIC ART

GARDEN

POCKET PARK

LANDSCAPING

PATH TO SERVICE AVE

GATEWAY

BIKE AID STATION

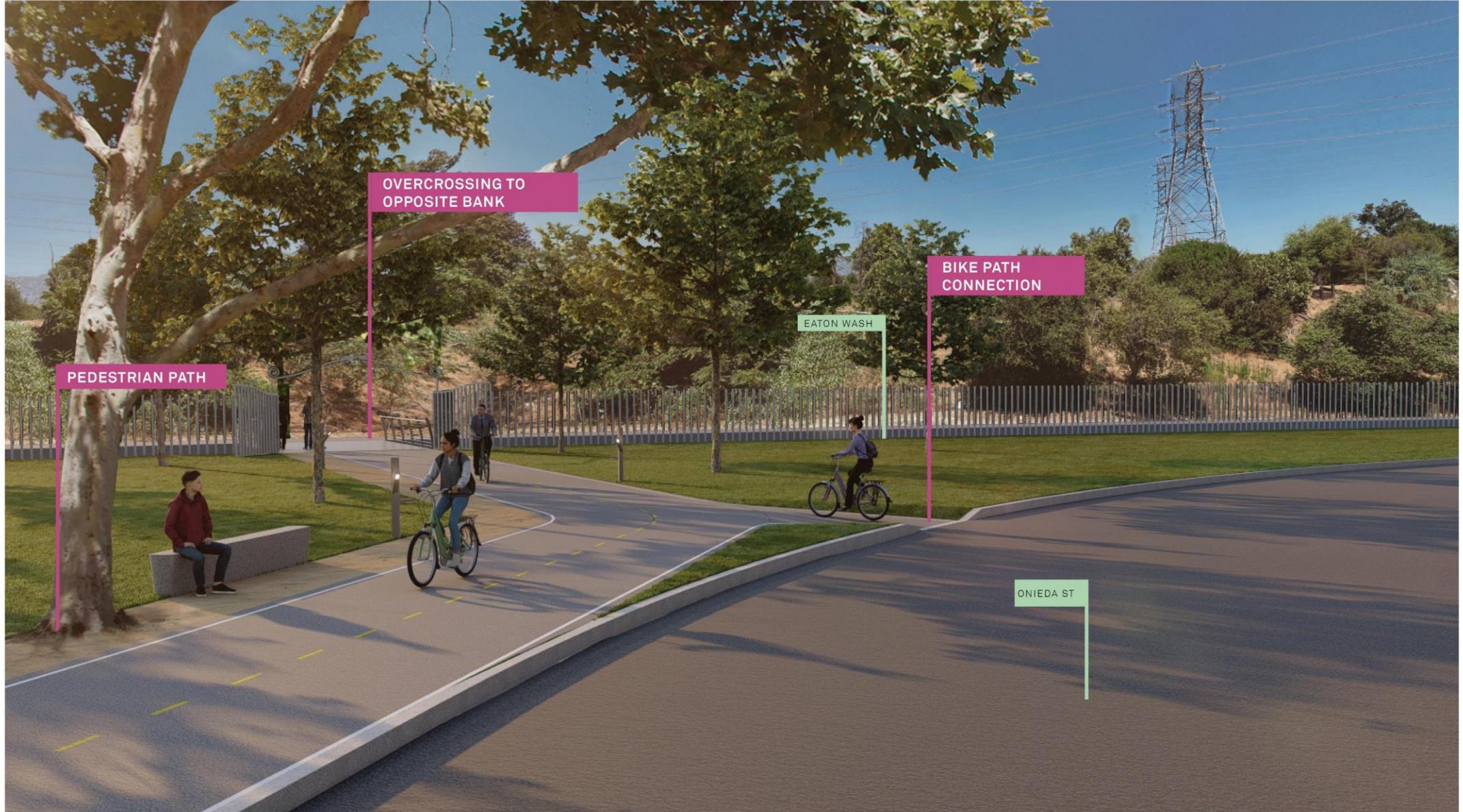
WC47 - WALNUT CREEK

WALNUT CREEK POCKET PARK



ET13 - EATON WASH

OVERCROSSING CONNECTION AT EATON BLANCHE PARK



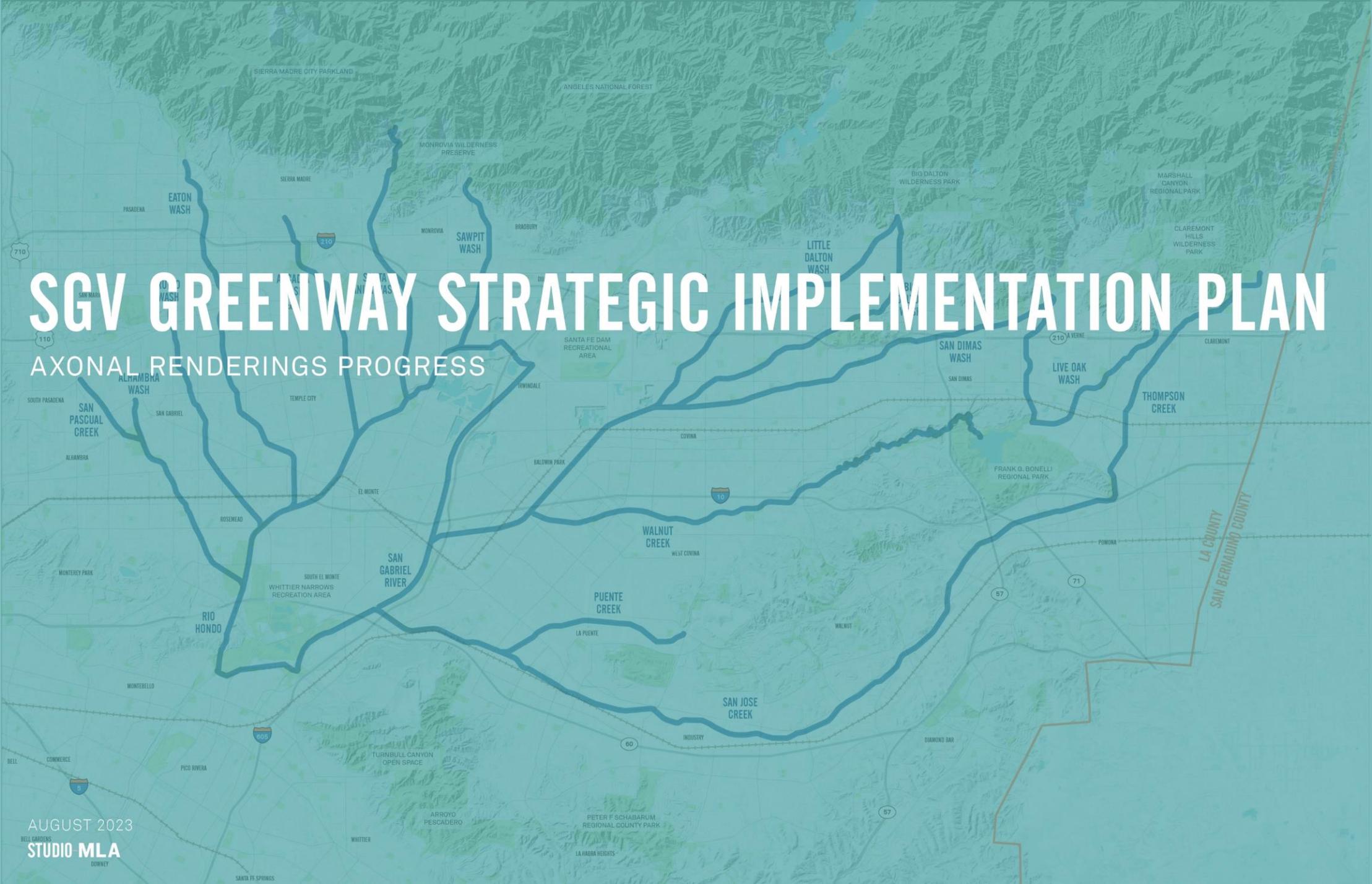
WC37 - WALNUT CREEK

GATEWAY AT SYHRE PARK



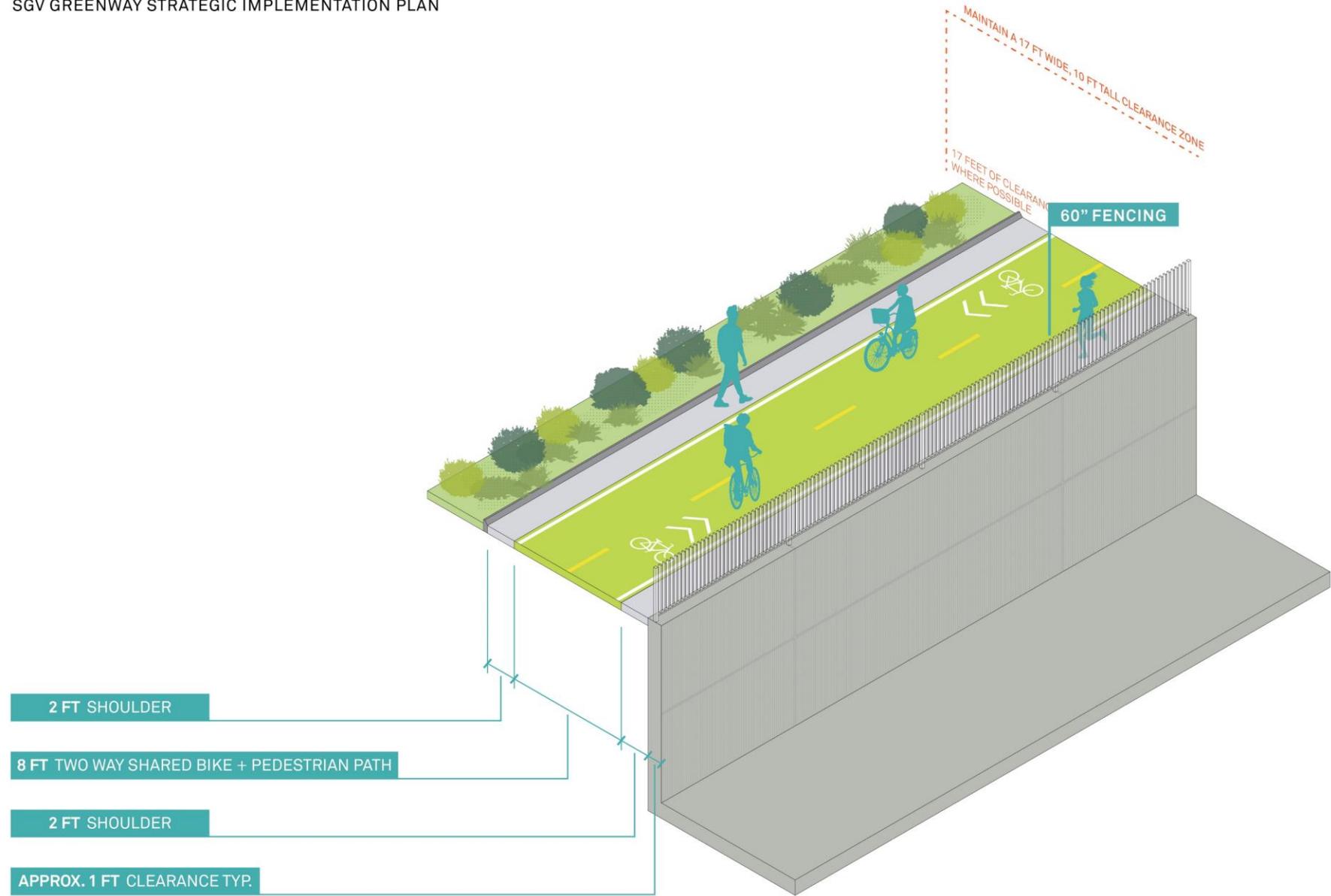
SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN

AXONAL RENDERINGS PROGRESS



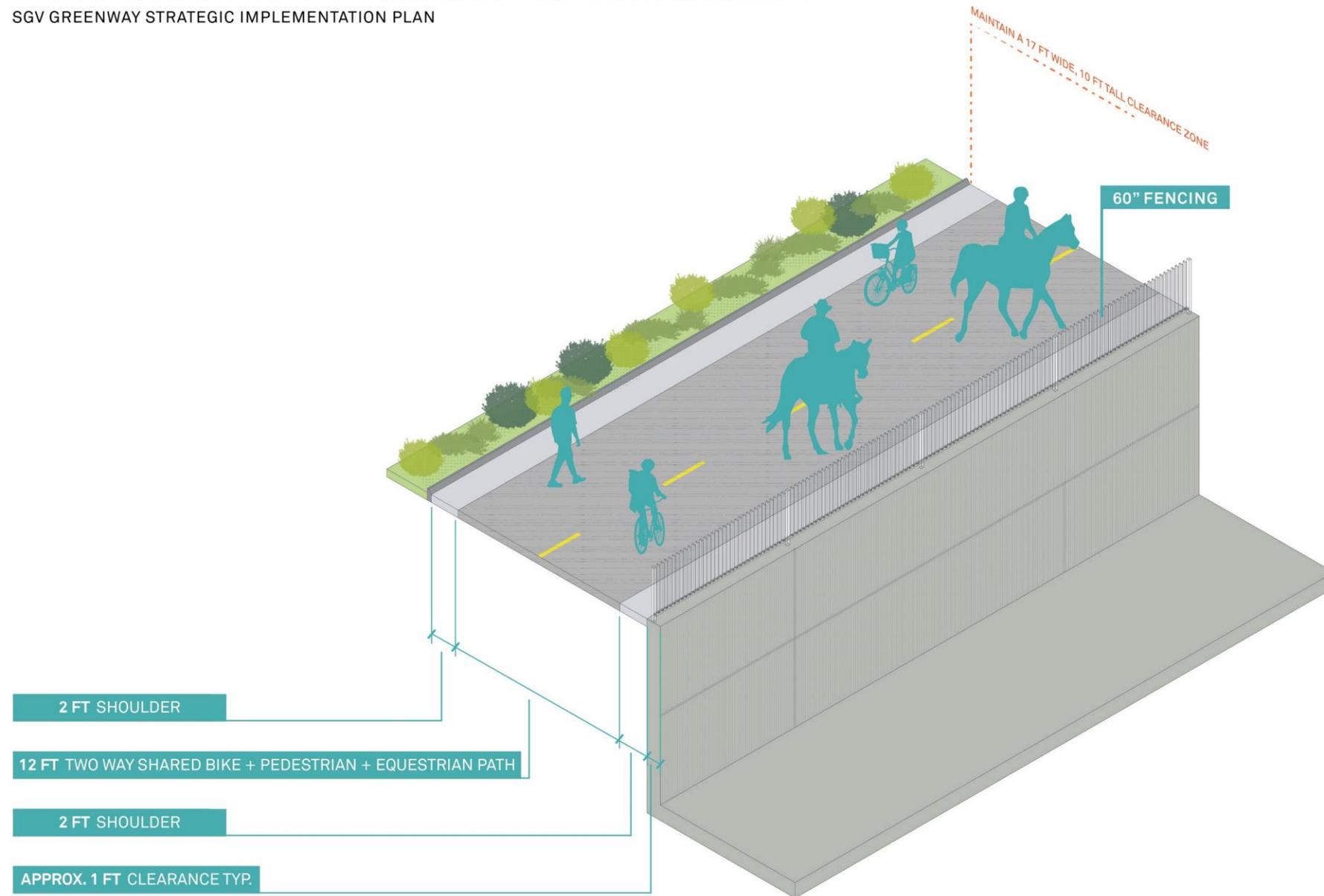
13 FEET ROW MULTI-USE PATH

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



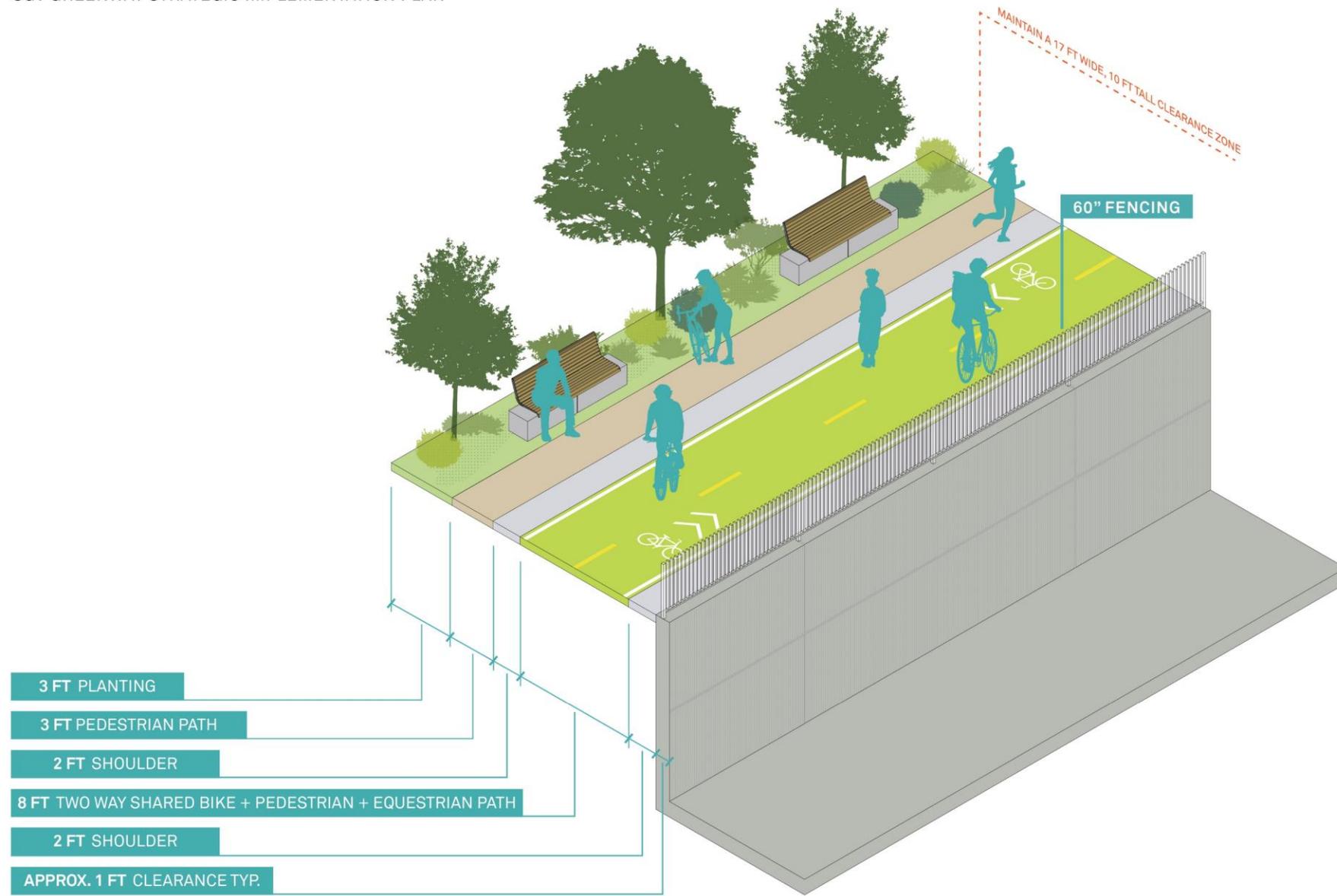
17 FEET ROW MULTI-USE PATH WITH EQUESTRIAN ACCESS

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



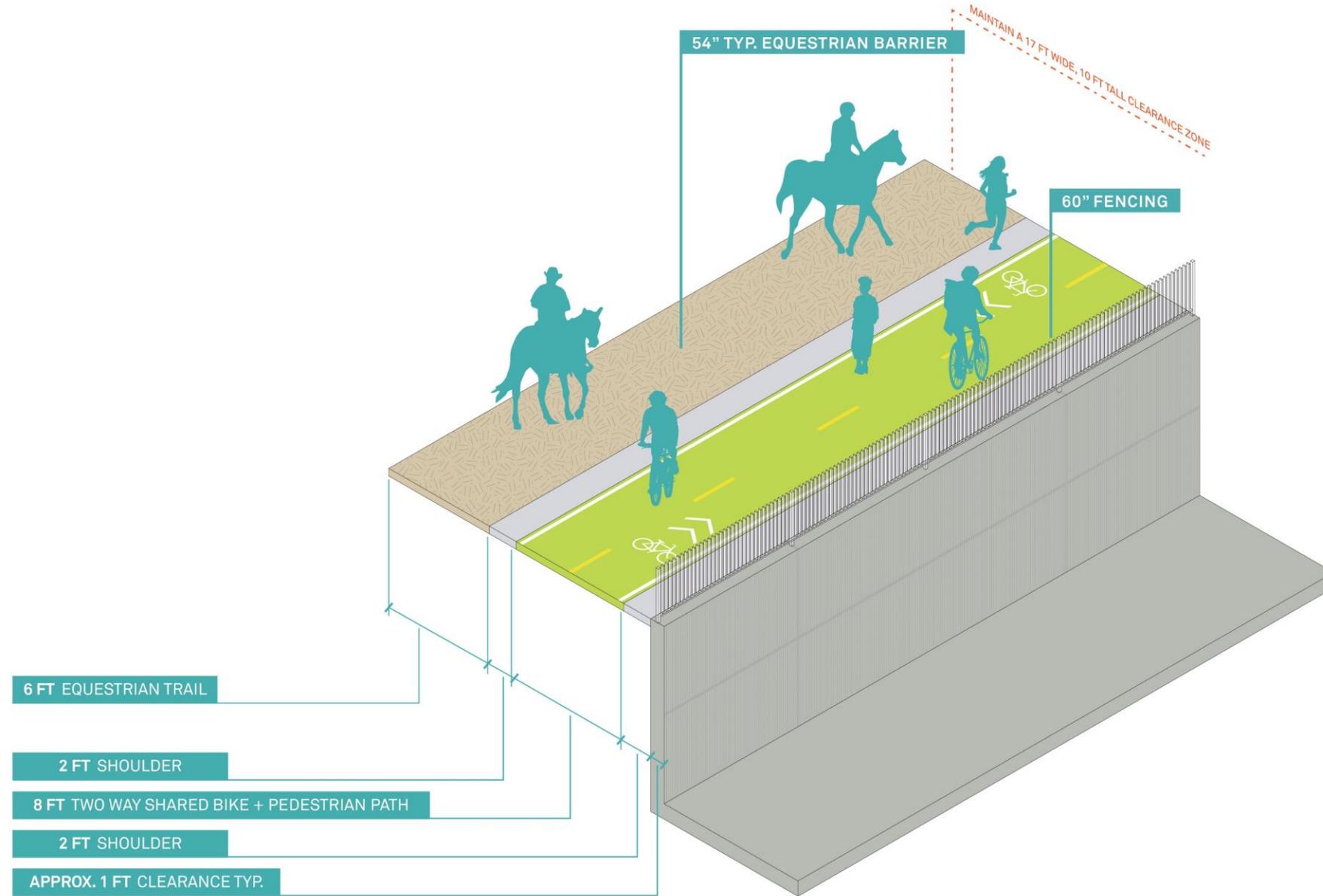
19 FEET ROW MULTI-USE PATH

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



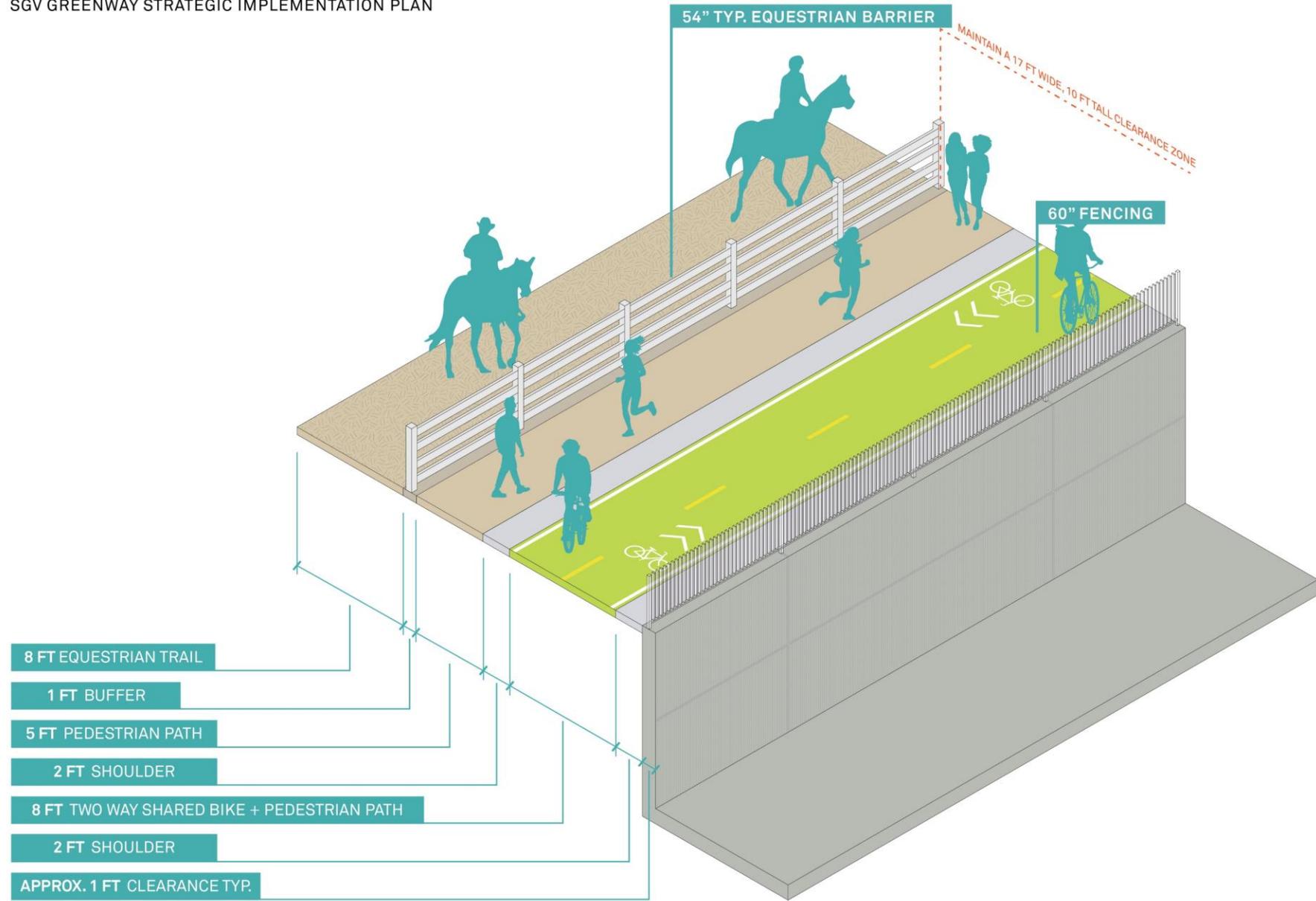
19 FEET ROW MULTI-USE PATH

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



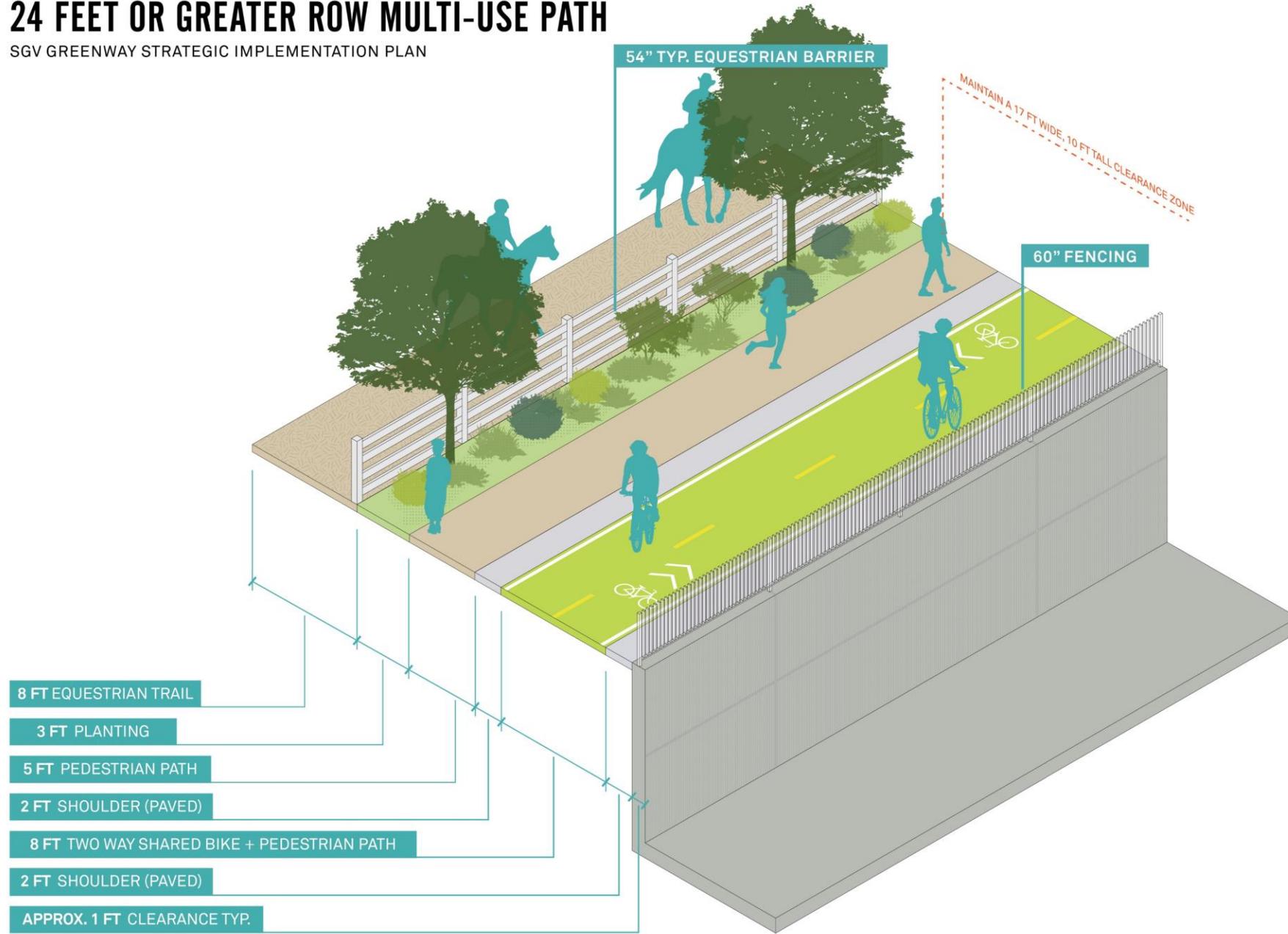
24 FEET ROW MULTI-USE PATH

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



24 FEET OR GREATER ROW MULTI-USE PATH

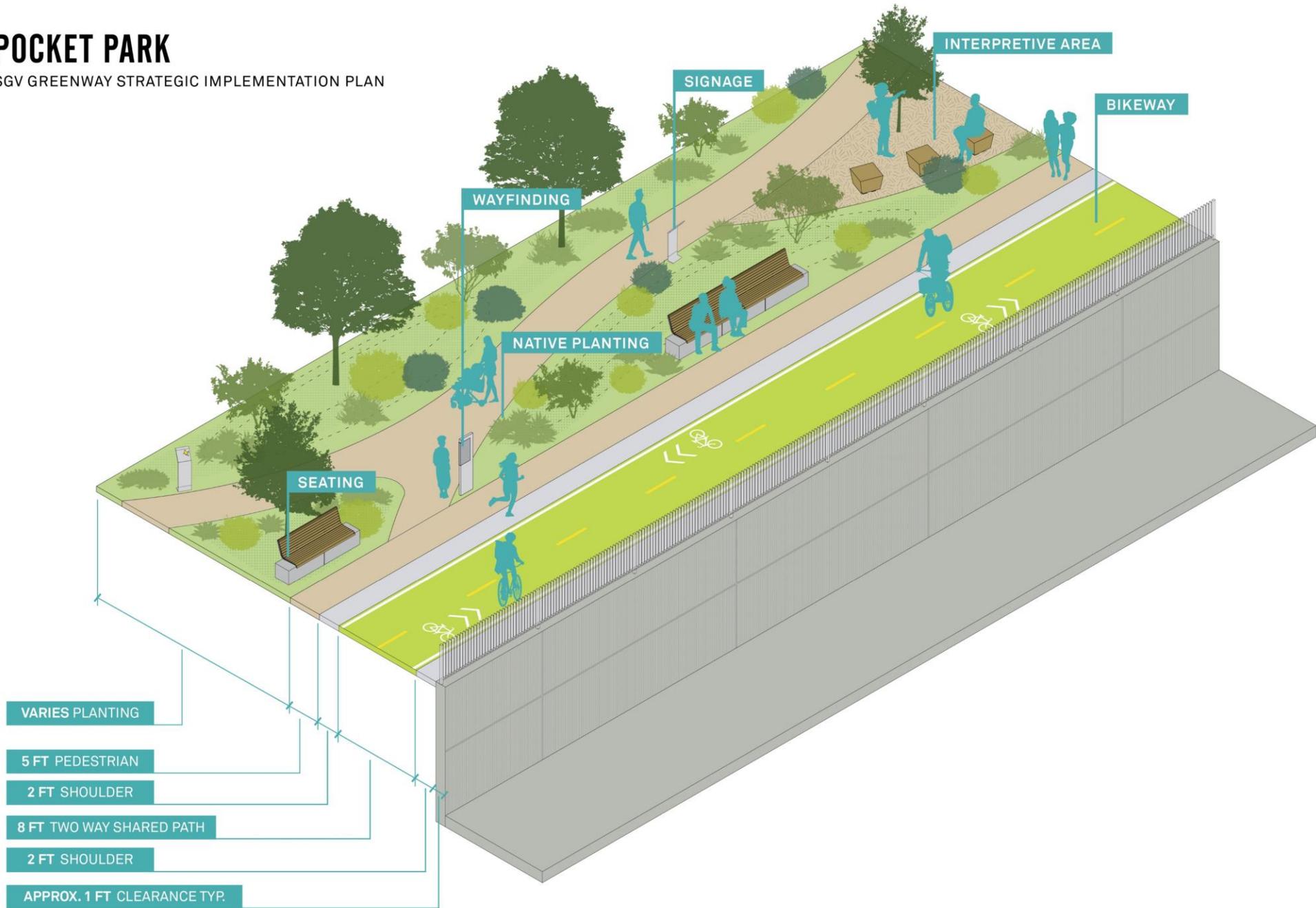
SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



CONCEPTUAL DESIGN AXONS

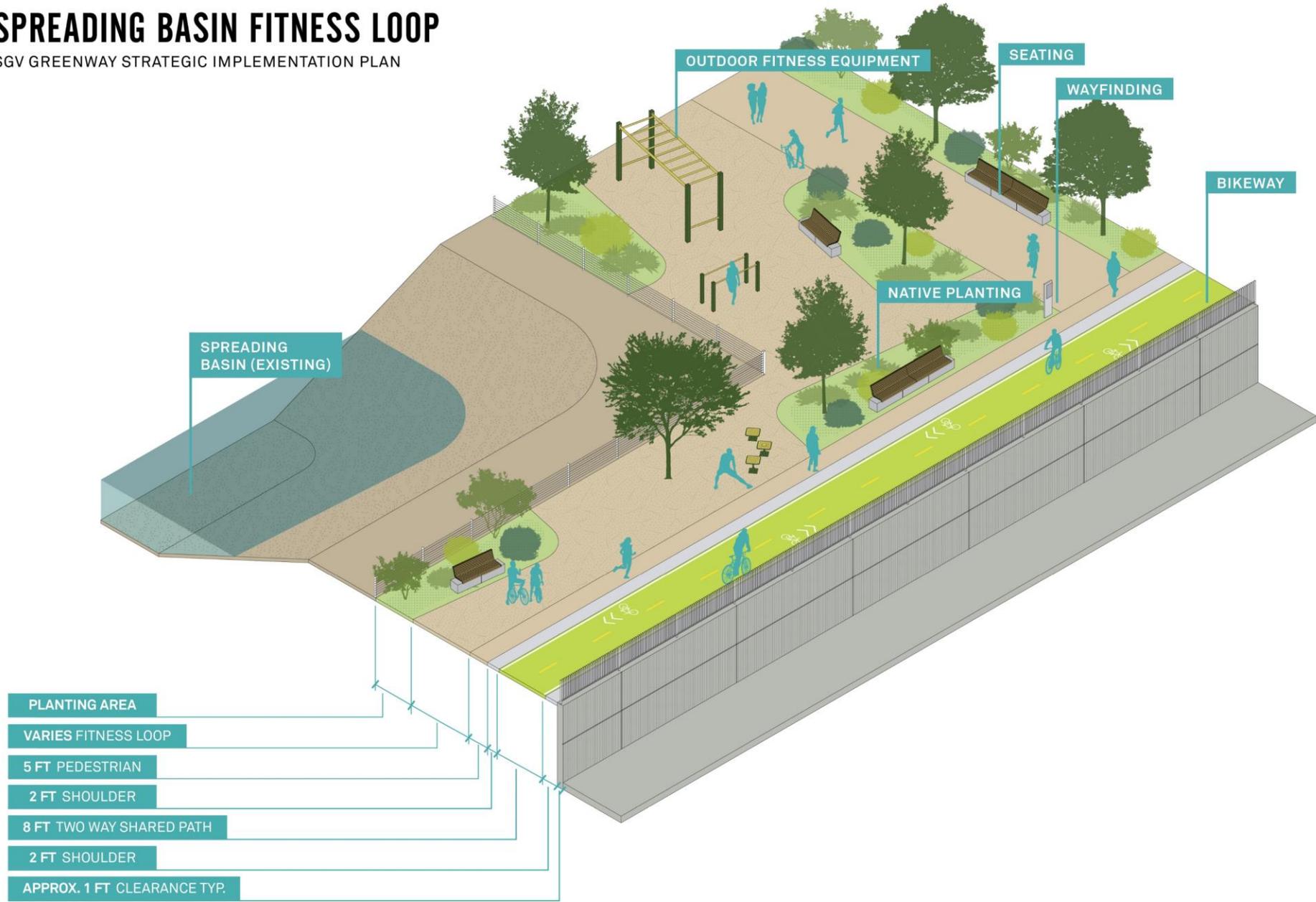
POCKET PARK

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



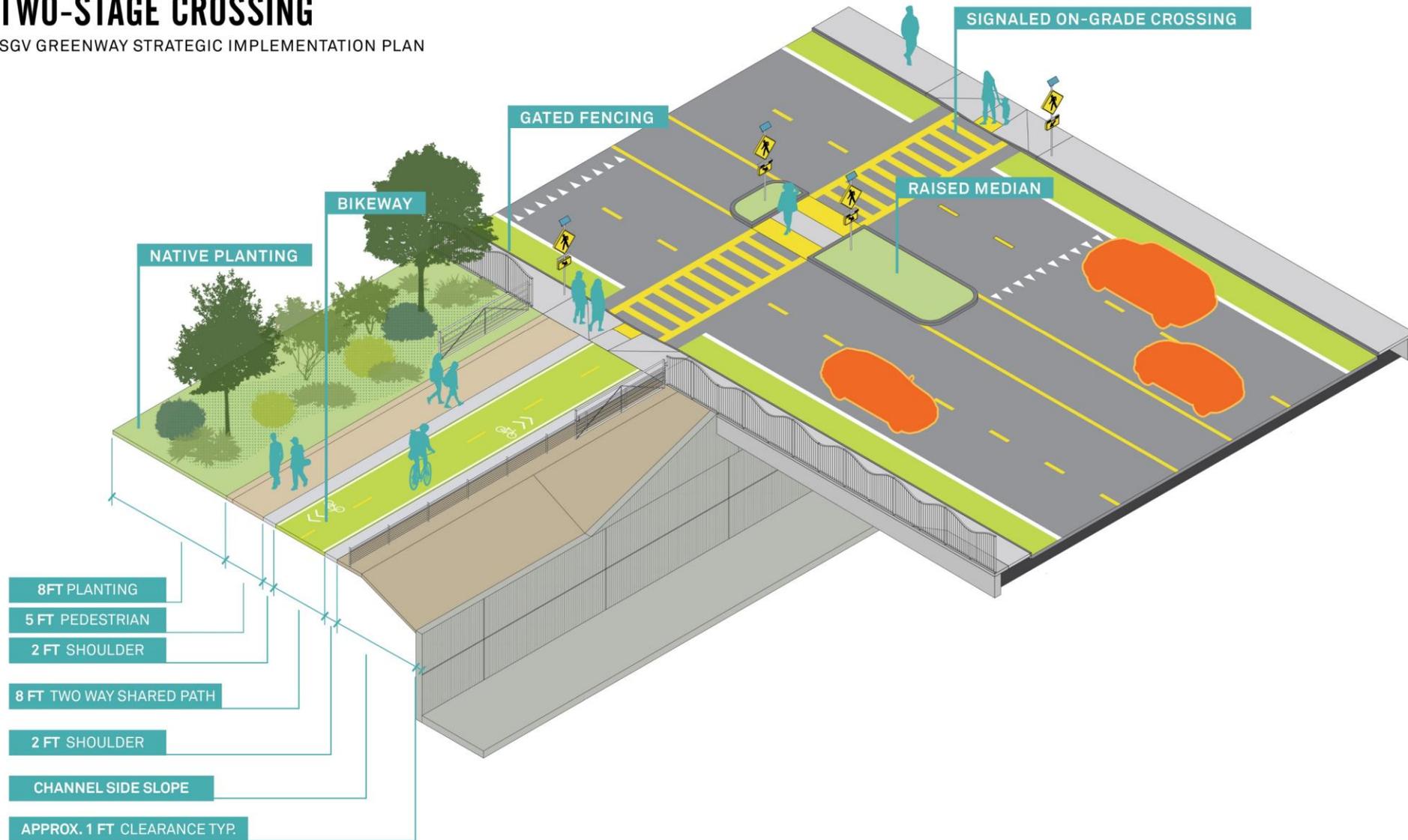
SPREADING BASIN FITNESS LOOP

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



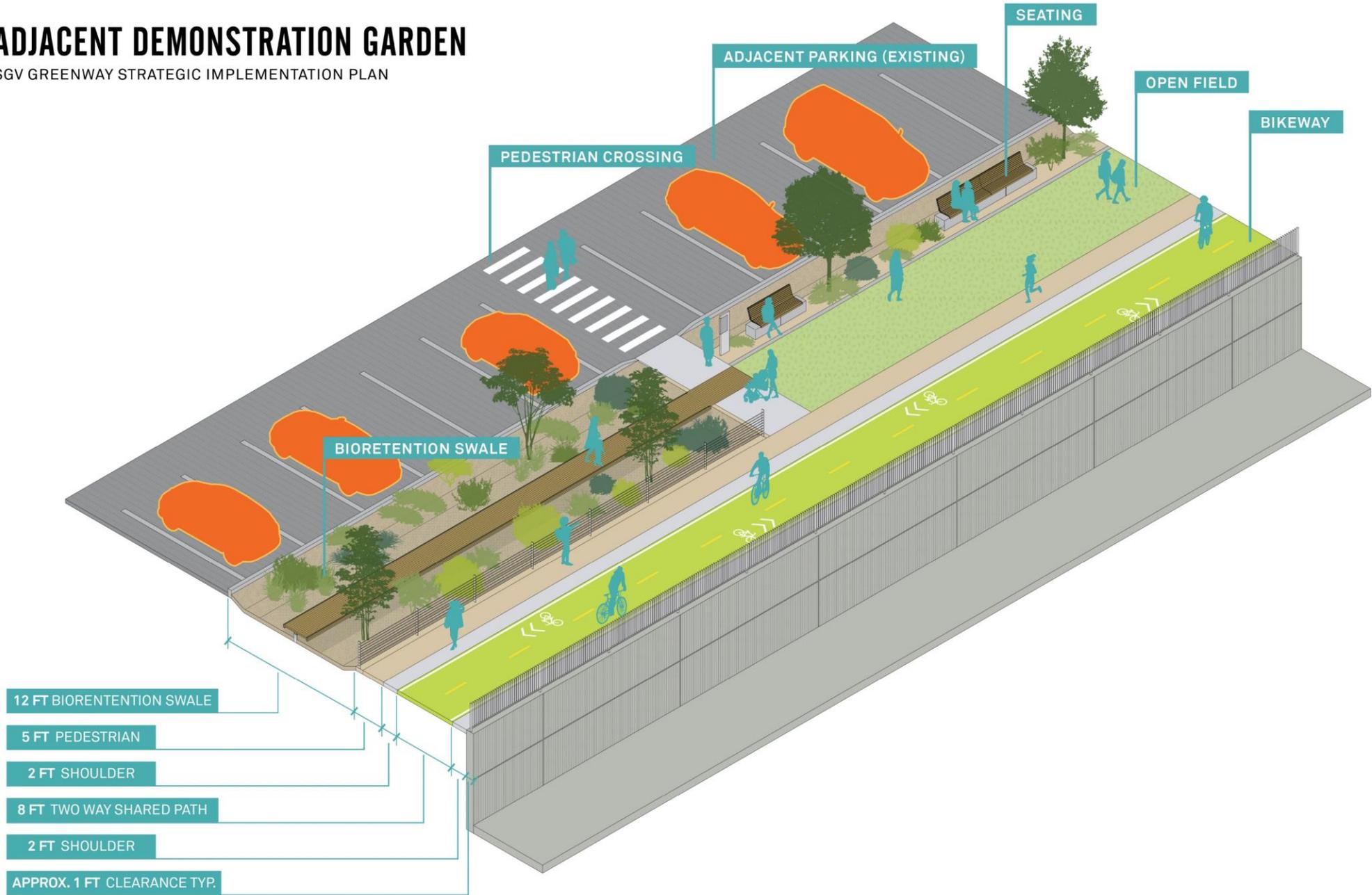
TWO-STAGE CROSSING

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



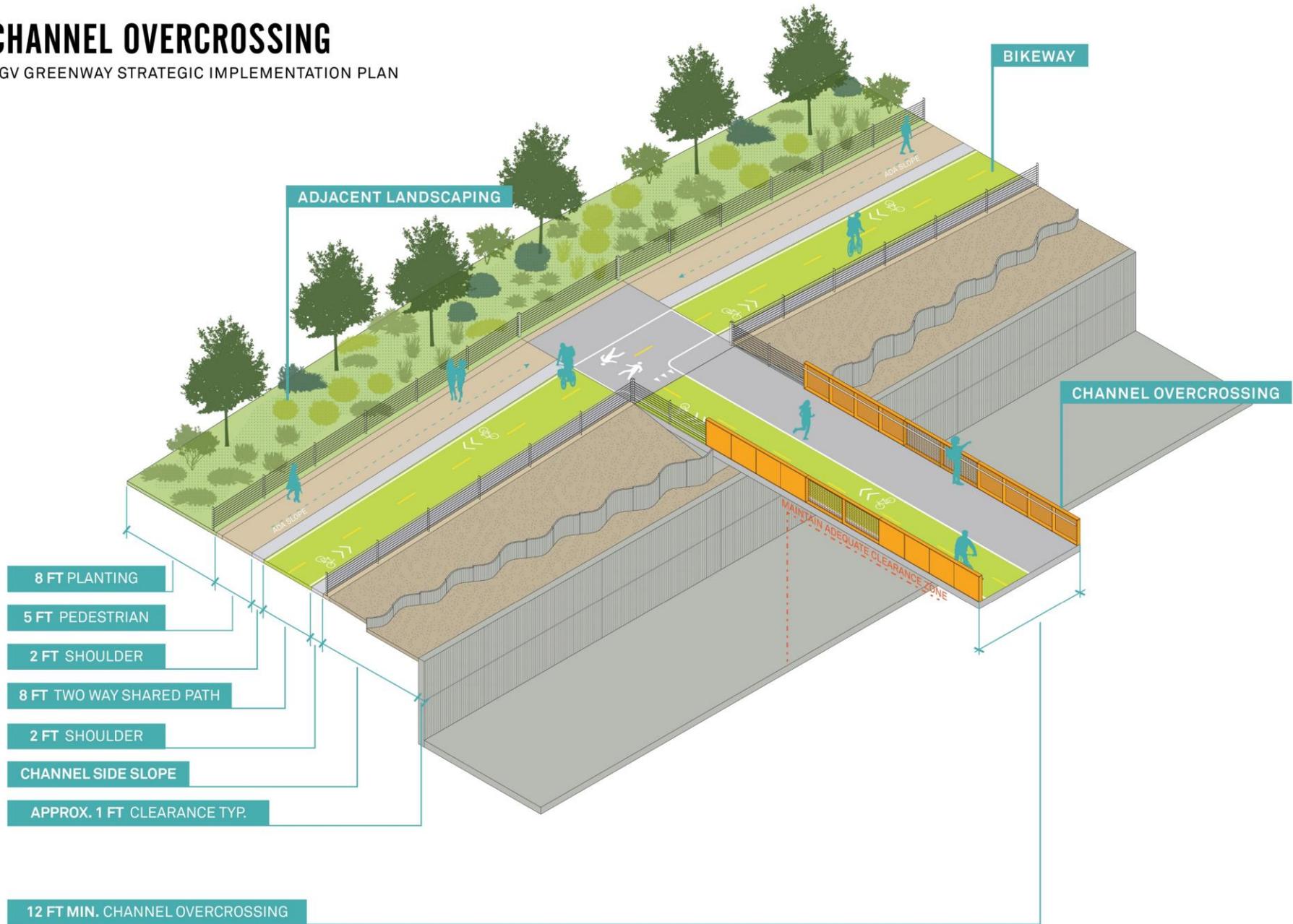
ADJACENT DEMONSTRATION GARDEN

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



CHANNEL OVERCROSSING

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



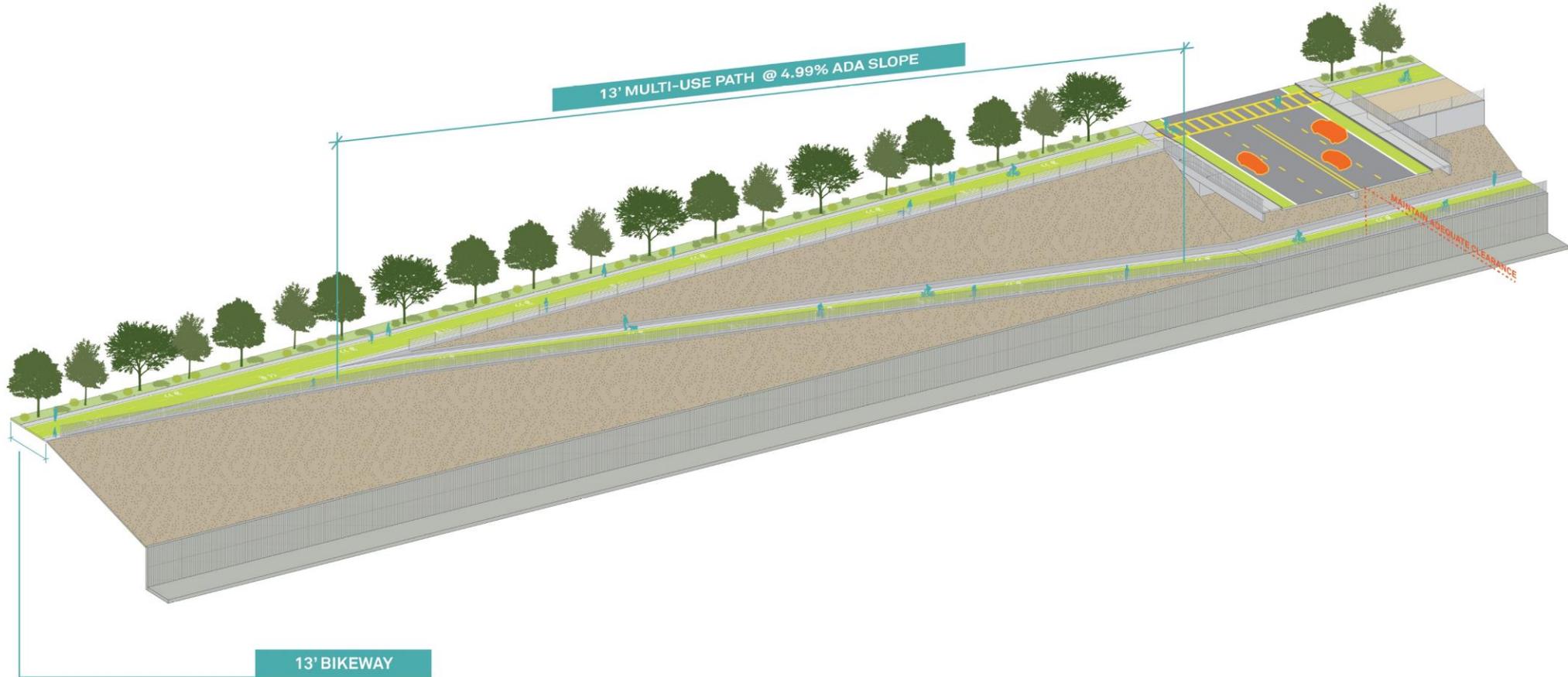
RAIL OVERCROSSING

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



CHANNEL UNDERCROSSING

SGV GREENWAY STRATEGIC IMPLEMENTATION PLAN



Community Engagement Effort

For Public Release of Plan



Community Engagement for Public Release of DRAFT Plan

Prior to Draft Plan Release

- **Social Media and Email Communications**
 - September – December 2023
 - estimated 200,000 impressions
- **Public Project Website Updates**
 - October – December 2023
- **Media Kit**
 - September – December 2023
- **Flyer Postings within SGV Plan area**
 - October – November 2023
 - minimum of 50 locations

Community Engagement for Public Release of DRAFT Plan

During Public Comment Period

- **Presentations to Local Community Groups**
 - January – March 2024
 - minimum of 15 meetings
- **Pop-up Events/Tabling Events**
 - January – March 2024
 - minimum of 30 events
- **Community Meetings for Q&A**
 - estimated 2 meetings
- **Community Bike Rides**
 - estimated 3 bike rides
- **Presentation to City Stakeholders within Plan Area (as needed)**
 - January – March 2024
 - maximum of 15 meetings
- **Optional Community Survey**

Community Engagement for Public Release of **FINAL** Plan

- **Social Media and Email Communications**
 - March – April 2024
 - estimated 200,000 impressions
- **Public Project Website Updates**
 - March – April 2024
- **Optional Community Meetings for Q&A**
 - estimated 2 meetings

Group Discussion



Group Discussion

- **What feedback do you have on the following?**
 - InDesign Plan Layout
 - Plan Sections Content
 - 3D Rendering Layouts
 - Community Engagement Effort for Public Release of Plan

Asks of the Steering Committee



Provide feedback on the Draft SGV Greenway Network Plan.



Aid in promotion of the SGV Greenway Network.

Next Steps



- Meeting minutes summary to be sent after the meeting.
- Continue to develop the Draft SGVGN Plan in InDesign format.
- Update the Draft SGVGN Plan with Steering Committee comments

