



January 12, 2022

The San Gabriel Valley Greenway Network Strategic Implementation Plan



Welcome



- Agenda
 - Introduction
 - Schedule Update
 - SGVGN Plan Update
 - Tributary Narratives Overview
 - Opportunities and Constraints Diagrams
 - Community Engagement Update
 - Asks of the Steering Committee
 - Next Steps



Schedule Update





Plan Development – Efforts & Studies

Aug 2019 – Jul 2020

- Existing Studies & Plan Compilation

Plan Development - Existing Conditions

Jan 2020 – Jun 2022

- Database of Projects, As-Builts, and Potential Gaps
- Channel Geometric Characteristics and Design Flows
- County Channels GIS mapping

Database & GIS Maps

Apr 2020 – Nov 2021

- GIS Database
- Regulatory Roadmap
- GIS Mapping

Develop Greenway Network Plan

Apr 2020 – Summer 2022

- Tributary Maps
- Project Priority Matrix
- Bike Path Alternatives
- Potential Project List
- Conceptual Designs for Each Watershed
- Guidelines & Standards
- Greenway Network Plan

Plan Development – Environmental Documents

Nov 2021 – Fall 2022

- Environmental Strategy
- EIR/EIS



Public Engagement & Community Meetings

Nov 2019 – Summer 2022

- Graphic Standards
- Community Engagement Plan
- Community Workshops
- Pop-Up Events
- Audience Messaging
- Website
- Web-Based Survey



Steering Committee Meeting

Today – Project Completion

San Gabriel Valley Greenway Network Strategic Implementation Plan

SGVGN Plan Update





February 2022

- Tributary Narratives
- Bike Path Alternatives
- List of Potential Projects

April 2022

- Opportunities and Constraints Diagrams

August 2022

- SGV Greenway Network Plan

November 2022

- EIR/EIS

Tributary Narratives Overview



TRIBUTARY NARRATIVE

ALHAMBRA WASH

OVERVIEW

- Alhambra Wash is a 4.7 miles tributary which weaves through a complex urban and suburban fabric and diverse communities.
- Alhambra Wash runs through San Gabriel, Alhambra, Rosemead, as well as unincorporated Los Angeles County.
- Alhambra Wash is rich with potential activity generators, connecting to many potential destinations including commercial/retail areas along Las Tunas Dr and Valley Blvd.
- Garvey Park, Whittier Narrows Recreation Area, and Vincent Lugo Park also serve as potential opportunities in the form of connections and activity generators.
- Schools adjacent to the tributary include: San Gabriel Mission Elementary, Richard Garvey Intermediate, Eldridge Rice Elementary, and Saint Therese Catholic.
- Few existing bikeway connections exist in the area aside from the Rio Hondo bike path to the south.
- A multi-use path along the utility easement between Graves Avenue and the Union Pacific Right-of-way was proposed by the Southern California Association of Governments' Regional Transportation Plan in 2012.
- Alhambra Wash was identified as a top project by the San Gabriel Valley Council of Governments' Greenway Study in 2018. Short sections of Alhambra Wash between Ramona Street and Hovey Avenue as well as between Del Mar Blvd and the I-10 were also identified for greenway development in multiple previous plans.
- Alhambra Wash presents complex physical challenges to implementation with constrained right-of-way, complex intersections, and jurisdictional challenges to implementation.
- Environmentally, the area surrounding Alhambra Wash is lacking tree canopy, has high concentrations of impervious surfaces, and a highly vulnerable heat index.



TRIBUTARY SEGMENTS



0 0.5 1 mi

CIRCULATION STORY

ALHAMBRA WASH

Knowing existing circulation can inform where we prioritize connections, partnerships, and modality.

VEHICLE/TRANSIT ACCESS

Focused to the west of Alhambra Wash, the communities of Monterey Park, Rosemead, and Alhambra show the highest concentrations of households without vehicle access. However, these communities also show greater access to transit than their neighbors to the north and south.

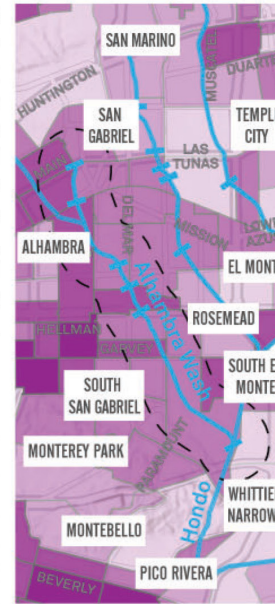
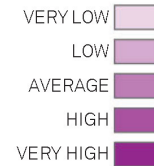
ACTIVITY GENERATORS

Potential activity generators along the Wash include pockets of retail and commercial areas throughout the corridor, along with a few schools.

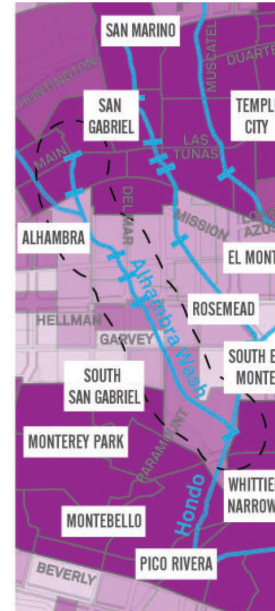
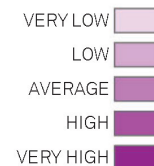
EXISTING BIKEWAYS

Few existing bikeways exist in the area, aside from the Rio Hondo bike path and a short segment along Junipero Serra.

NO VEHICLE ACCESS
American Community Survey asks about vehicles available to each household to develop transportation plans and services, understand how people are traveling in the course of a normal day, and evaluate pollution and access to transportation in emergencies.



NO TRANSIT ACCESS
From the California Healthy Places Index, this indicator measures the percentage of people living close to convenient, reliable transit, as defined by a half-mile or ten-minute walk, that comes every fifteen minutes or less during peak commute times.



EQUITY STORY

ALHAMBRA WASH

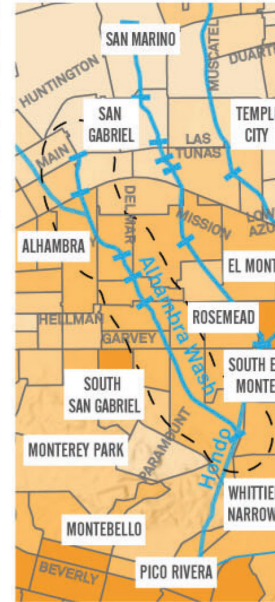
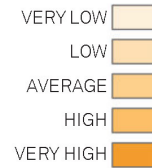
Unfair burden of air, water, and soil pollution can inform the value of nature-based solutions in our design concepts. While socioeconomic factors (e.g., poverty levels, linguistic isolation, etc) can help inform programming.

OVERVIEW

The most environmentally burdened communities are towards the middle of this tributary through Monterey Park and El Monte. The most impacted tract in this area has a CalEnviroScreen percentile score of 86%.

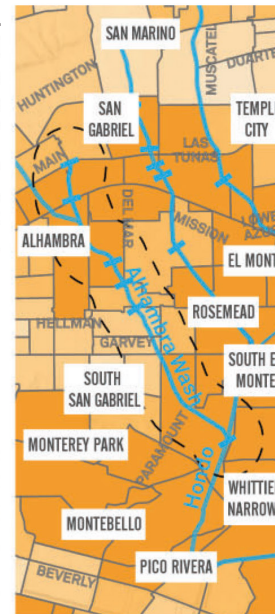
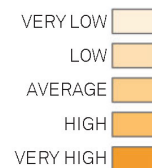
SENSITIVITY AND SOCIOECONOMIC FACTORS

CalEnviroScreen rates each census tract's sensitivity to environmental pollution from Very Low to Very High based on socioeconomic and health factors.

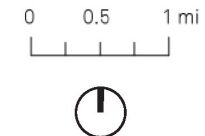


ENVIRONMENTAL BURDEN

According to CalEnviroScreen, exposure to different types of pollution (e.g., air quality, lead risk, diesel, pesticides, etc) is very high throughout most of this area.



The equity story for Alhambra Wash is characterized by high rates of environmental and socioeconomic burden throughout the area.



COMMUNITY STORY

ALHAMBRA WASH

PART 1 - GATHERING SPACES

Understanding existing community gathering spaces can inform how our project could add to open space access in the area by revealing where to route trails and optimize connectivity.

GATHERING SPACES

Activity Generators are concentrated along Las Tunas Blvd., and Valley Blvd.

PARK NEED

The southern end of the tributary is near existing parks along the Rio Hondo and Whittier Narrows. The northern segment has fewer parks and is showing “High” to “Very High” park need.

LOCATIONS OF ACTIVITY

Retail, office, and industrial land uses are highlighted in gold as potential activity drivers.

RETAIL / OFFICE / INDUSTRIAL

PARK NEED

LA County's Parks and Recreation Needs Assessment documented existing facilities, park pressure, park condition, and walkability.

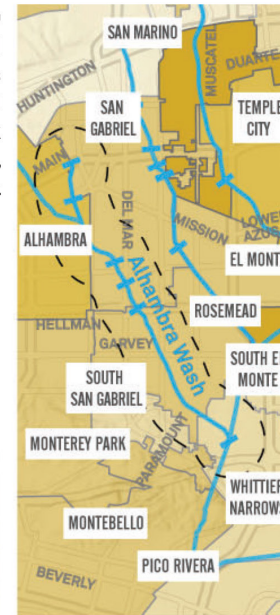
VERY LOW

LOW

AVERAGE

HIGH

VERY HIGH



The community story for Alhambra Wash is characterized by High to Very High park need especially to the east and west.

0 0.5 1 mi



COMMUNITY STORY

ALHAMBRA WASH

PART 2 - DEMOGRAPHICS

Understanding key demographic factors can inform the style and programming of the area.

INCOME

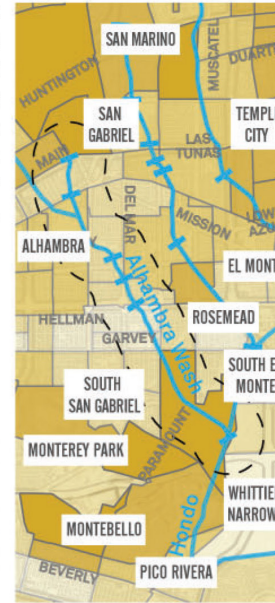
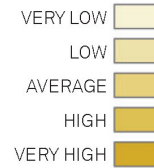
Median incomes in this area are mixed, however we see the highest incomes north near Pasadena and south near the unincorporated area. The lowest average household incomes are in South San Gabriel, Pico Rivera, and South El Monte.

POPULATION

There is a large Asian presence throughout the area. Hispanic communities are concentrated most in the southern communities of Montebello, Pico Rivera, and El Monte.

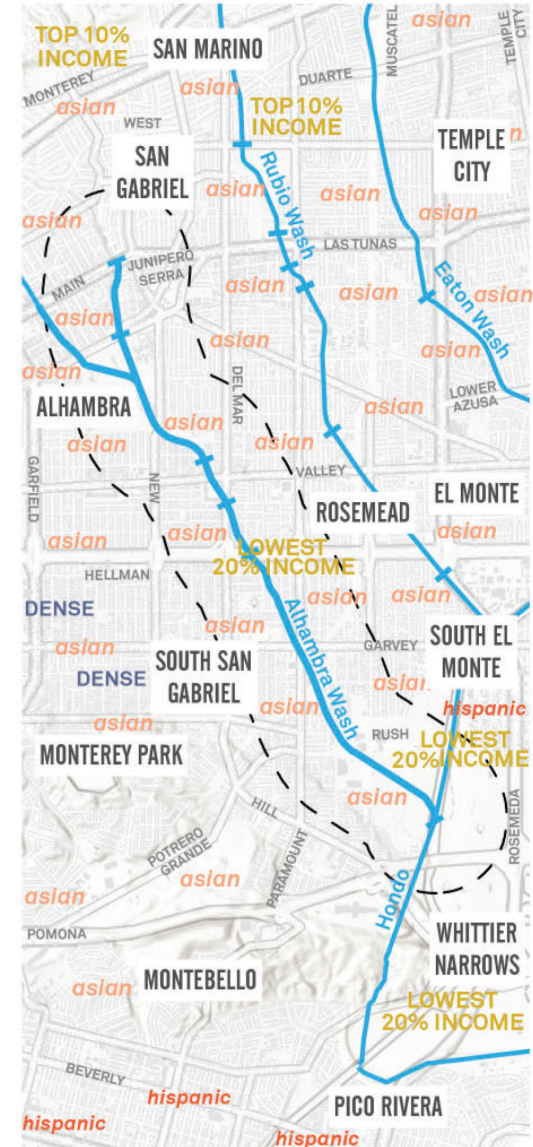
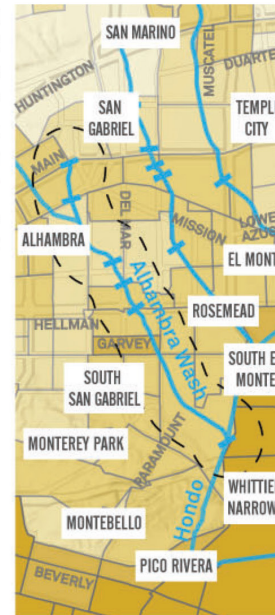
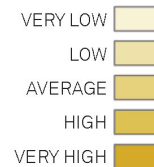
MEDIAN HOUSEHOLD INCOME

According to the 2010 census, income levels are mixed in this area with some of the highest income areas to the very north.

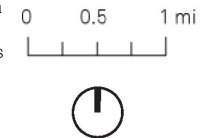


HISPANIC POPULATION

According to the 2010 census, the majority of the community near the southern segment of Alhambra Wash is in the highest quantile for Hispanic Population for LA County.



The demographic story for Alhambra Wash is characterized by a strong Asian community and lower incomes toward the south.



SYNERGY STORY

ALHAMBRA WASH

PART 1 - OPPORTUNITIES

Synergy story – early implementation projects, non-greenway projects, vacant parcels, and public land can help us understand where there are potential opportunities to build on the greenway.

ALHAMBRA WASH SYNERGY OPPORTUNITIES:

- Few existing bikeway connections exist in the area aside from the Rio Hondo bike path to the south.
- A multi-use path along the utility easement between Graves Avenue and the Union Pacific Right-of-way was proposed by the Southern California Association of Governments' (SCAG) Regional Transportation Plan in 2012.
- Alhambra Wash was identified as a top project by the San Gabriel Valley Council of Governments' (SGVCOG) Greenway Study in 2018. Short sections of Alhambra Wash between Ramona Street and Hovey Avenue as well as between Del Mar Blvd and the I-10 were also identified for greenway development in multiple previous plans.
- Alhambra Wash presents complex physical challenges to implementation with constrained right-of-way, complex intersections, and jurisdictional challenges to implementation, given that the Wash is partially controlled by the United States Army Corps of Engineers.

- EMERALD NECKLACE 2017
- PARK NEEDS 2016
- LA CTY BIKE MASTERPLAN 2012
- GREENWAY NETWORK
- REGIONAL TRANSIT 2012
- METRO ACTIVE PLN 2016
- LA CTY PROPOSED BIKEWAYS
- EARLY IMPLEMENTATION
- VACANT GOV PARCELS



SYNERGY STORY

ALHAMBRA WASH

PART 2 - LEGAL COMPLEXITY

Understanding the legal constraints along each wash can help identify issues that should be accounted for in design.

ALHAMBRA WASH LEGAL COMPLEXITY

The parcels along Alhambra Wash are mostly owned through Easement and Fee agreements. However, north of Valley Blvd., a large segment of the wash is owned by the US Army Corp of Engineers; this may add significant legal complexity/time to implementing a greenway or other amenities in this area.



SYNERGY STORY

ALHAMBRA WASH

PART 3 - PHYSICAL COMPLEXITY

Understanding the physical constraints along each wash can help identify issues that should be accounted for in design.

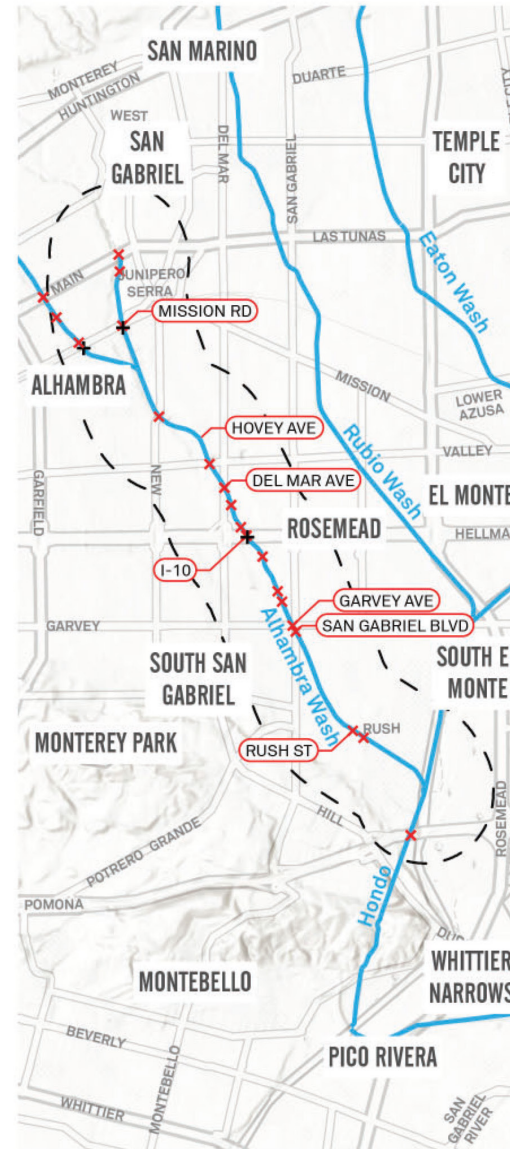
ALHAMBRA WASH PHYSICAL COMPLEXITY

Alhambra Wash has a highly constrained Right-of-way on either side of the channel. Most of the tributary does not have an adjacent access road, with less than 8 feet of available space. There is a short segment of available space along the Alhambra Municipal Golf Course, a short section near the I-10, and another to the south, near the Rio Hondo.

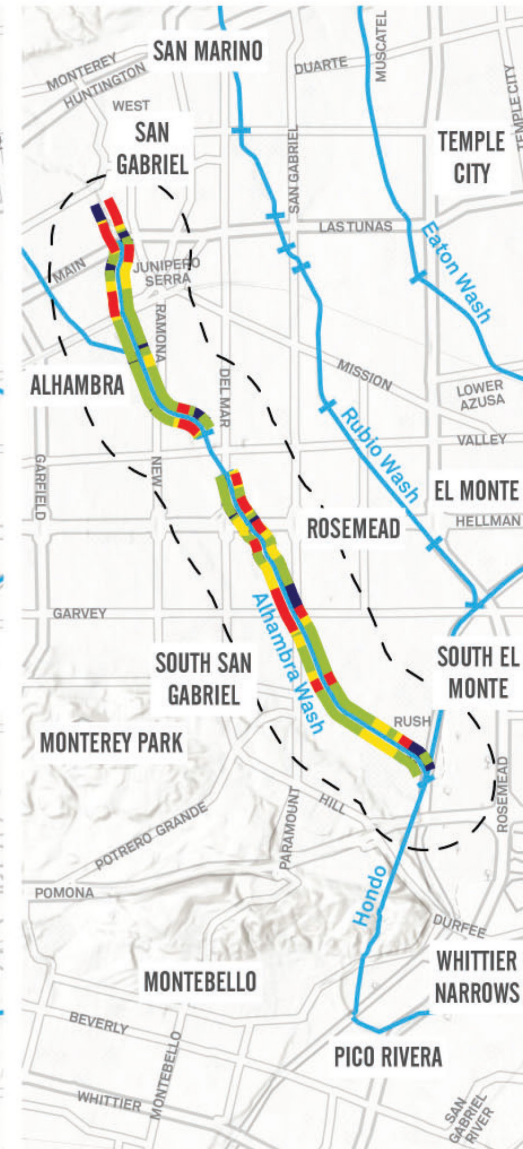
Exploring a greenway along Alhambra Wash would likely include more complex solutions such as cantilever decks, or an incised channel.

Potentially challenging crossings along Alhambra Wash may include:

- Mission Rd: a 5-lane arterial adjacent to a freight rail line.
- Between Hovey Ave and Del Mar Ave: the Wash is underground.
- I-10 Freeway: an undercrossing may be possible or at nearby Del Mar Ave.
- Garvey Ave/San Gabriel Blvd: the Wash crosses these major arterials at an angle.
- Rush St: a 5-lane arterial.



INTERSECTIONS & CROSSINGS
x STREET INTERSECTIONS
+ RAILROAD CROSSINGS



ROW WIDTH
- < 8 FT
- 8-13 FT
- 13-26 FT
- > 26 FT

0 0.5 1 mi

ENVIRONMENT STORY

ALHAMBRA WASH

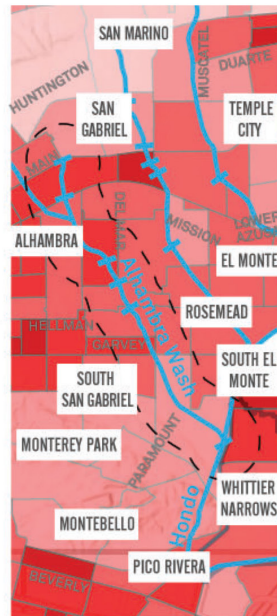
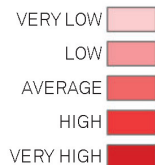
Shade study, impervious surfaces, and heat vulnerability can help us see where trees can be the most beneficial.

Tree canopy along Alhambra Wash is mostly average.

Impervious surfaces are most concentrated in South San Gabriel, El Monte, and Montebello, with more opportunities for water infiltration to the north and south. The heat vulnerability index mimics this pattern with the most vulnerable areas near the center of the tributary.

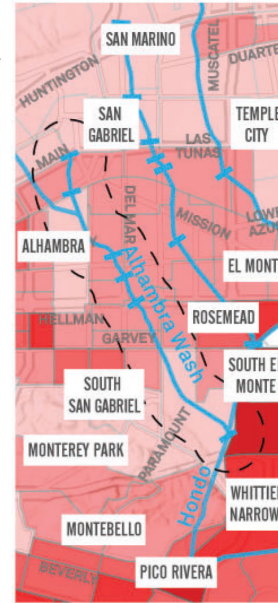
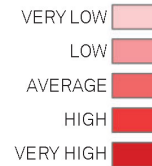
PERCENT IMPERVIOUS SURFACES

Impervious surfaces are areas of the land hardened by such structures as houses, patios, driveways, and transportation infrastructure. An increase in impervious surfaces can alter the hydrology within a watershed with significant impact on water quality and aquatic and riparian habitat (CHAT).



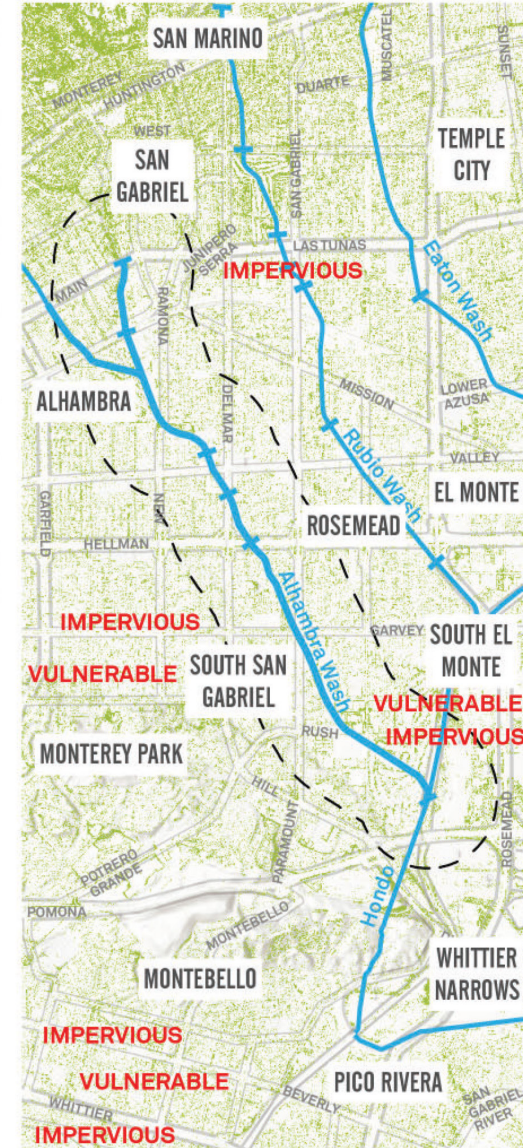
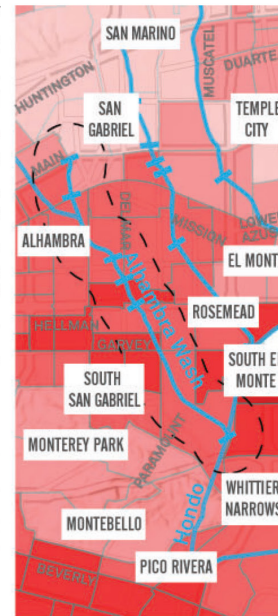
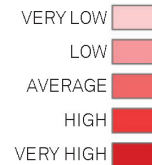
PERCENT WITHOUT TREE CANOPY

Developed by the California Healthy Place Index, this indicator measures the percentage of land without tree canopy.

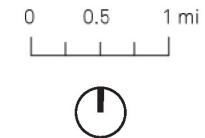


HEAT VULNERABILITY

The California Heat Assessment Tool (CHAT) was developed by Four Twenty Seven, Inc. in partnership with Argos Analytics, Habitat Seven, and the Public Health Institute. This layer represents the vulnerability of communities to heat-related health impacts.



The environment story for Alhambra Wash shows high heat vulnerability across the community, particularly at the southern end where there is less tree canopy.



Opportunities and Constraints Diagrams Overview



CONSTRAINTS

ALHAMBRA WASH

Understanding the physical constraints along each wash can help identify issues that should be accounted for in design.

ROW WIDTH

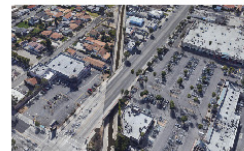


INTERSECTION LANES

- ① 1 LANE
- ② 2 LANES
- ④ 4 LANES
- ⑤ 5 LANES
- ⑫ 12 LANES
- ★ NON-VEHICULAR



RUSH ST
- 5 LANES
- VEGETATED MEDIAN



N SAN GABRIEL BLVD
- 5 LANES
- NO ROW UNDER OVERPASS
- CENTER LANE FOR TURNING ONLY



GARVEY AVE
- 5 LANES
- NO ROW UNDER OVERPASS
- CENTER LANE FOR TURNING ONLY



I-10
- 12 LANES
- NO ROW UNDER FREEWAY



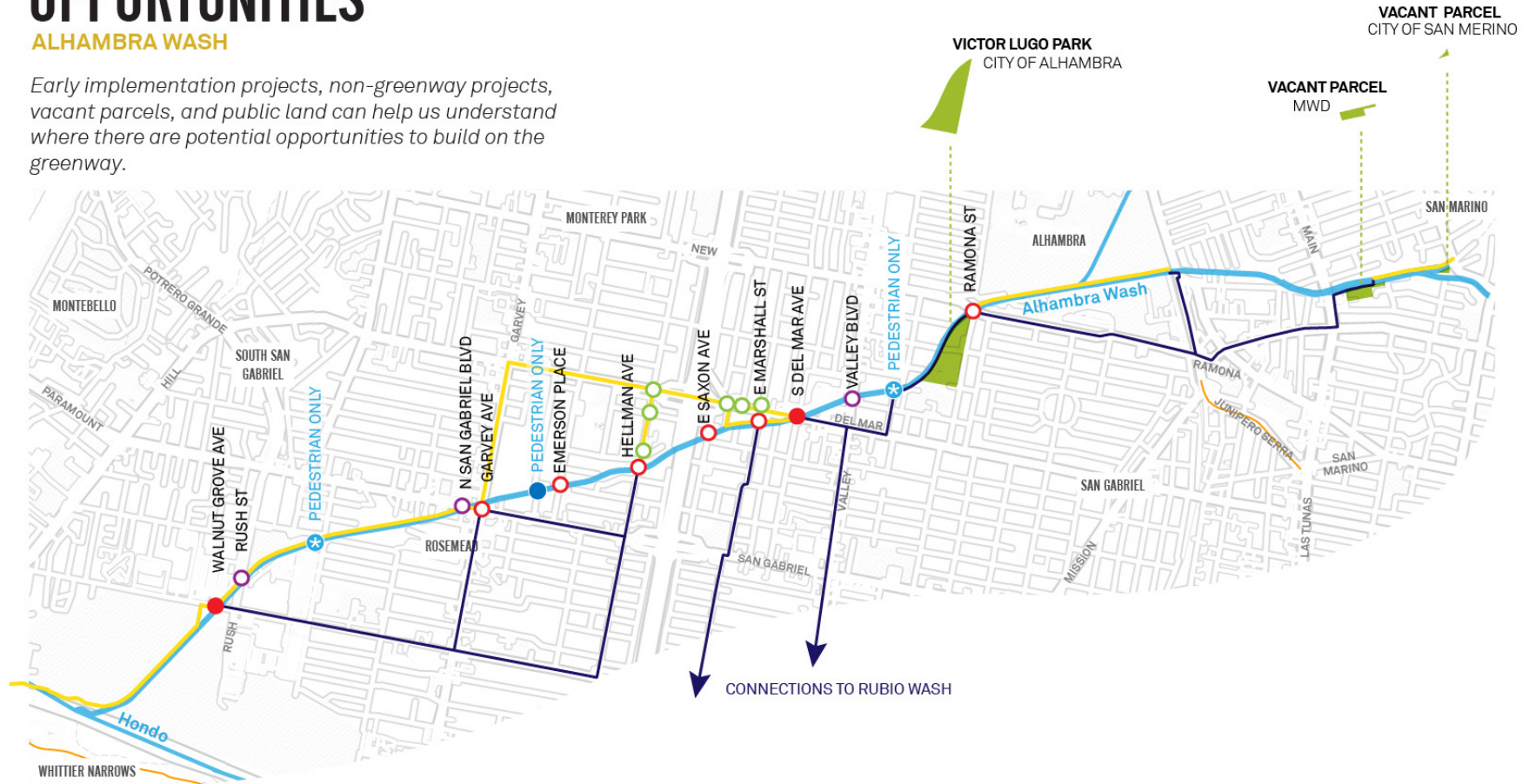
DEL MAR AVE - PARKING STRUCTURE
- 5 LANES
- NO ROW UNDER ROAD
- PARKING STRUCTURE OVER CHANNEL EXTENDS TO HOVEY AVE



OPPORTUNITIES

ALHAMBRA WASH

Early implementation projects, non-greenway projects, vacant parcels, and public land can help us understand where there are potential opportunities to build on the greenway.



RECOMMENDED ALIGNMENT

- NORTH SIDE OF WASH
- SOUTH SIDE OF WASH

TRIBUTARY CROSSINGS

- NON VEHICULAR

EXISTING NETWORK

- BIKE LANES

PROPOSED CROSSINGS

- CROSSWALK
- HVC
- HVC, LPI
- HAWK
- UPGRADED CROSSWALKS



Community Engagement Update





Community Engagement Activities

- 01 Community Workshops: Round 1 – Visioning and Opportunities
- 02 Map-Based Survey
- 03 Pop-Up Events
- 04 WCA Engagement
- 05 Community Workshops: Rounds 2 & 3

Community Workshops: Round 1

Schedule and Attendance

Workshop 1	November 3, 2021, 6:00 PM	31 Participants
Workshop 2	November 6, 2021, 10:00 AM	11 Participants
Workshop 3	November 17, 2021, 3:30 PM	36 Participants *
Workshop 4	November 18, 2021, 6:00 PM	9 Participants
Total	—	87 participants

* Targeted invitations to community groups

Community Workshops: Round 1

Poll Findings

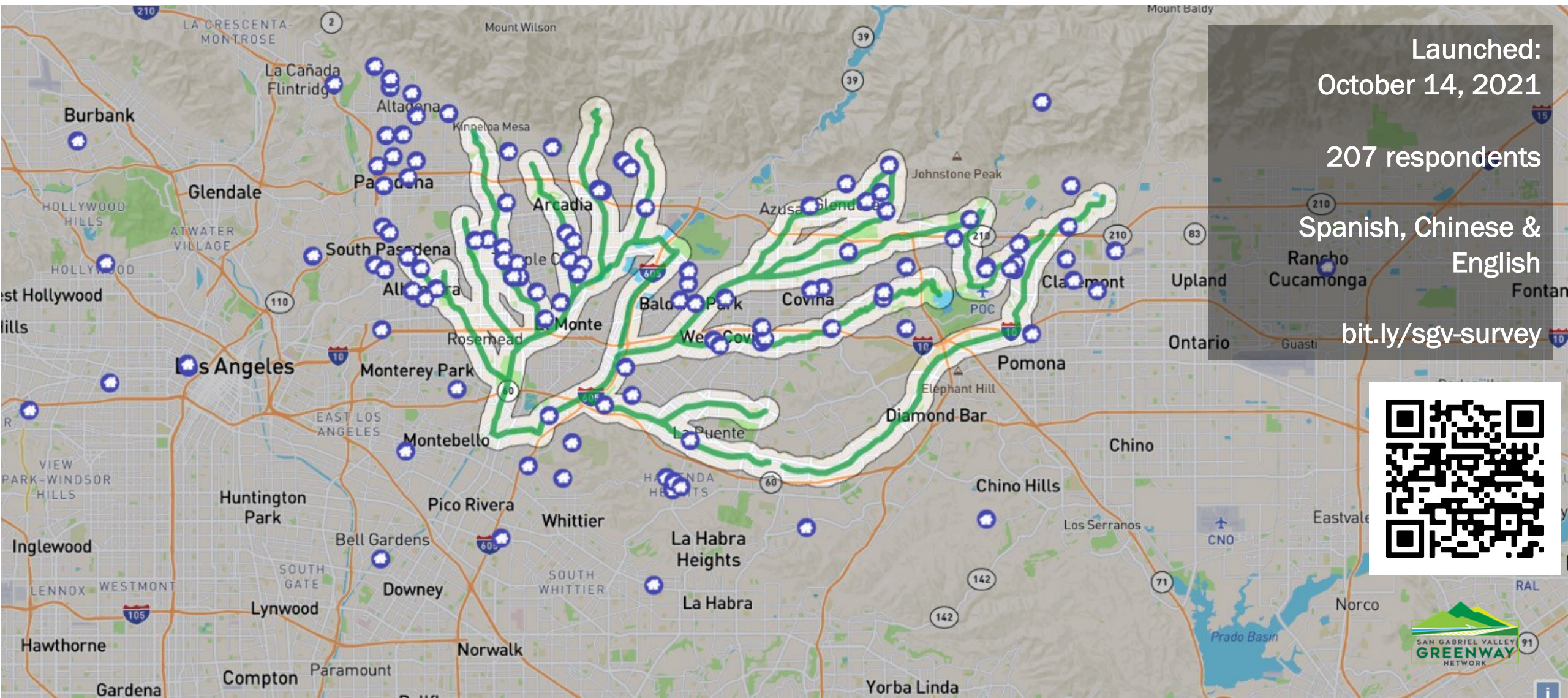
- 91% of respondents were interested in using the Greenway Network for recreational purposes.
- Most concerned about safety and the network's connectivity to existing bikeways.
- 49% of respondents were very likely to use the Greenway Network.

Community Workshops: Round 1

Key Discussion Themes

- Lighting
- Accessible to all ages
- Privacy
- People experiencing homelessness
- Sustainability
- Environmental justice
- Amenities and Upkeep
- Multimodal use
- Connectivity
- Wayfinding and signage

Map-Based Survey

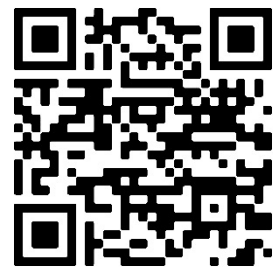


Launched:
October 14, 2021

207 respondents

Spanish, Chinese &
English

bit.ly/sgv-survey



Pop-Up Events

- **Purpose:** To engage the community directly in the field through intercept discussions at key locations adjacent to the SGV Greenway Network.
- **Proposed Schedule:**
December 2021 through July 2022
- **Pop-Up Events:** 25 events total,
18 – 20 events prior to Plan completion
- **Locations:** Local and regional parks, farmers markets, informal gathering areas, etc.



Pop-Up Events

Location	Date	Day	Time	Status
Whittier Narrows Recreation Area	12/18/2021	Saturday	9:00 AM – 2:00 PM	Completed
Peter Schabarum Regional Park	1/8/2022	Saturday	9:00 AM – 2:00 PM	Completed
Santa Fe Dam Recreation Area	1/15/2022	Saturday	9:00 AM – 2:00 PM	Pending
Bonelli Regional Park	1/29/2022	Saturday	8:00 AM – 6:00 PM	Pending

Pop-Up Events

Location	Date	Day	Time	Status
South Hills Park	2/5/2022	Saturday	8:00 AM	Confirmed
Antonovich Trail	2/12/2022	Saturday	8:00 AM	Pending
Walnut Creek Park	2/19/2022	Saturday	8:00 AM	Pending
City of Industry Expo Center Trail	3/12/2022	Saturday	8:00 AM	Confirmed

Pop-Up Events

Location	Date	Location	Date
Claremont Hills/ Thompson Trail	TBD	Monrovia Farmers Market	TBD
Rose Bowl Walking Loop	TBD	Pasadena Farmers Market	TBD
Arcadia County Park	TBD	Alhambra Farmers Market	TBD
Peck Road Water Conservation Park	TBD	San Dimas Farmers Market	TBD

WCA Engagement

- Conduct 16 workshops
 - Between February – July 2022
- Maximizing meaningful contacts with SGV entities to reach historically underserved communities
 - Partnering with:
 - Active SGV
 - Amigos de los Rios
 - Nature for All
 - Women's Clubs

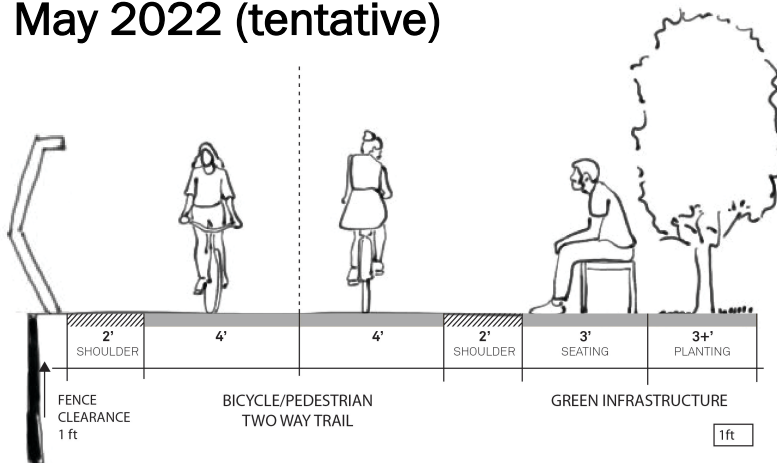
Community Workshops: Rounds 2 & 3

Round 2

- February 16, 2022, 3:30 PM – 5:00 PM
- February 22, 2022, 6:00 PM – 7:30 PM
- Potential Topics:
 - Design Alternatives
 - Survey Findings
 - Outreach Findings

Round 3

- May 2022 (tentative)



Prioritization

- Tier 1
- Tier 2
- Tier 3

Asks of the Steering Committee



Provide feedback for the Community Workshops: Round 1.



Send of list of potential groups (names and emails) that would benefit and would have interest in joining the Community Workshops.



The Project Team's goal is to promote the workshops one month prior to the event.

Next Steps



- Meeting minutes summary to be sent after the meeting.
- SGVGN Plan Update
 - Final Tributary Narratives – Feb 2022
 - Final Bike Path Alternatives – Feb 2022
 - Final List of Projects – Feb 2022
- Community Engagement Update
 - Continue with planned Pop-Up Events
 - Continue efforts to plan future Pop-Up Events
 - Preparation for Phase 2 Community Workshops

Next Meeting:

- **March 9, 2022, 2:00 PM – 4:00 PM**
 - Community Engagement Update
 - SGVGN Plan Update

