



July 14, 2021

The San Gabriel Valley Greenway Network Strategic Implementation Plan



Welcome



- Presentation
 - Opportunities and Constraints
 - Technical Update on Approaches and Solutions
 - Tributary Narratives
 - Engagement Update and Materials
 - Website
 - Web-based survey
 - Flyers and Announcements - Update



Plan Development – Efforts & Studies

Aug 2019 - June 2020

- Existing Studies & Plan Compilation

Plan Development - Existing Conditions

Jan 2020 - Feb 2021

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

Database & GIS Map

March 2020 - Feb 2021

- GIS Database
- Regulatory Roadmap
- GIS Mapping

Develop Greenway Network Plan

April 2020 - Fall 2021

- 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

Aug 2020 - April 2022

- Environmental Strategy
- EIR/EIS



San Gabriel Valley Greenway Network Strategic Implementation Plan



Public Engagement & Community Meetings

April 2020 - Fall 2021

- Graphic Standards
- Community Engagement Plan
- Community Workshops
- Audience Messaging
- Website



Steering and Technical Advisory Meeting

Today - Project Completion



Discussion Questions



- Discuss Right-of-way field conditions update
- Discuss Planning work to date and graphic materials
- Review web-based survey/community outreach

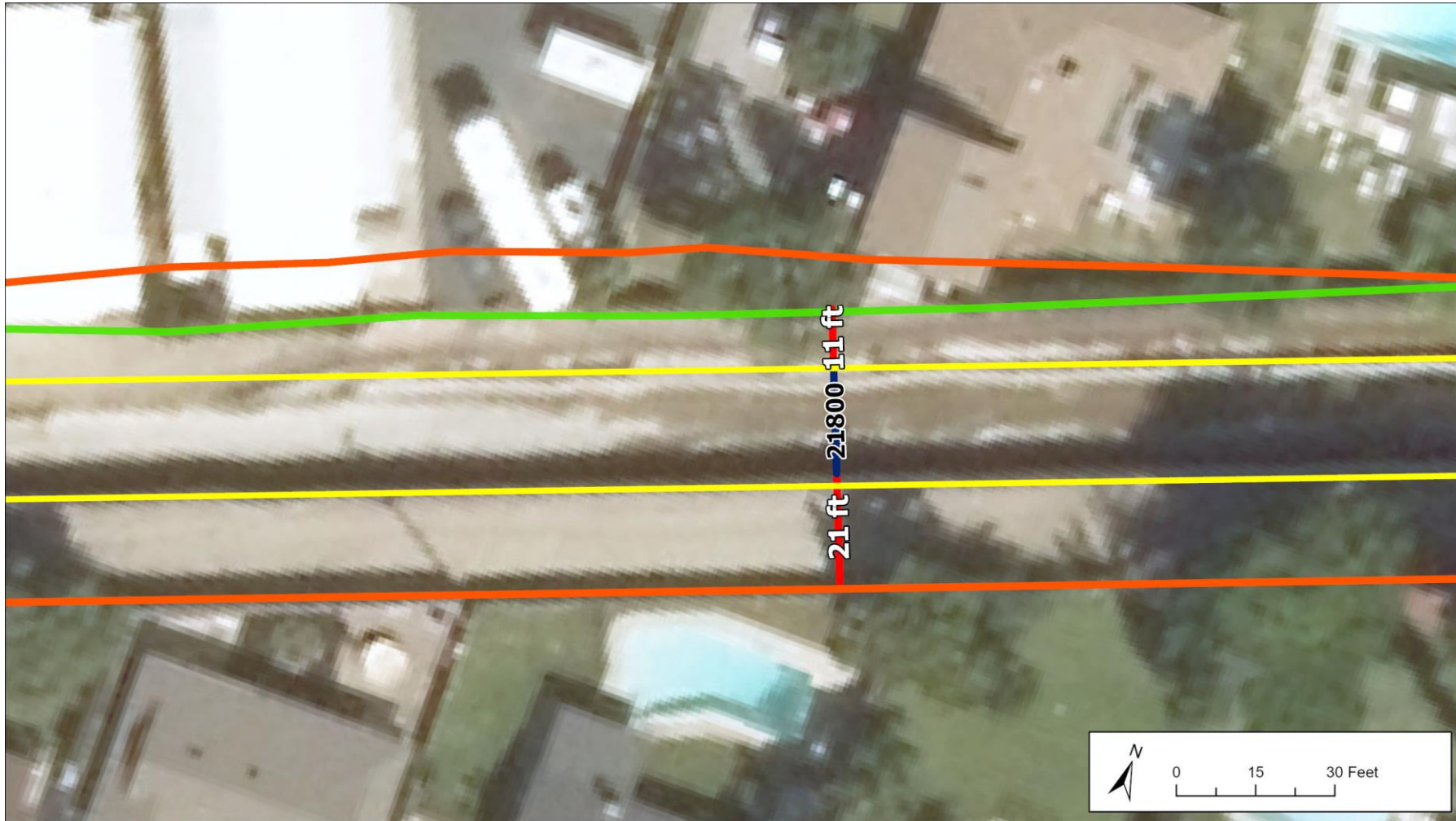
Questions to Consider During Presentation:

- How can each SC members organization help distribute community engagement materials?
- Is there any updates that we can make to increase the ease of use of community engagement efforts?

Technical Data Update



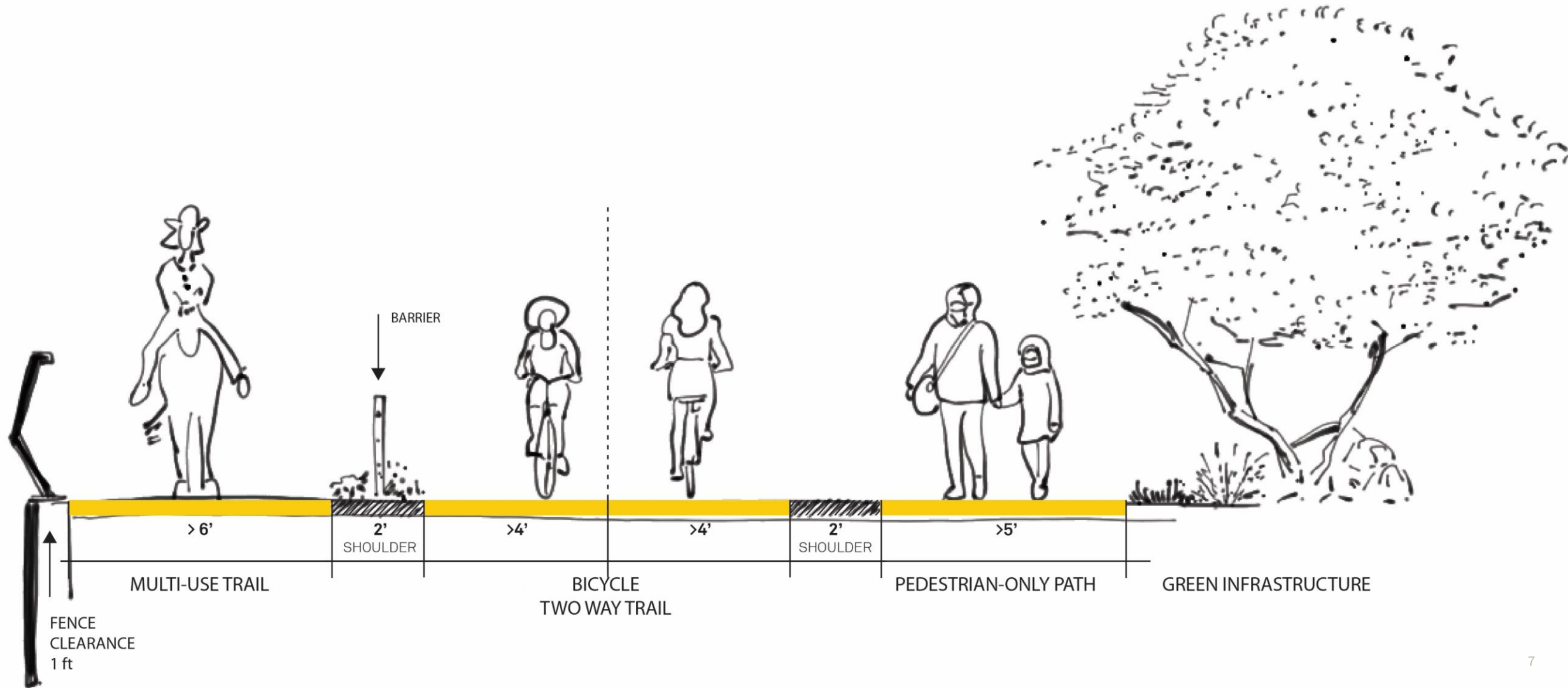
Right-of-way versus Fence Line



HOW COULD THESE BENEFITS BE IMPLEMENTED?

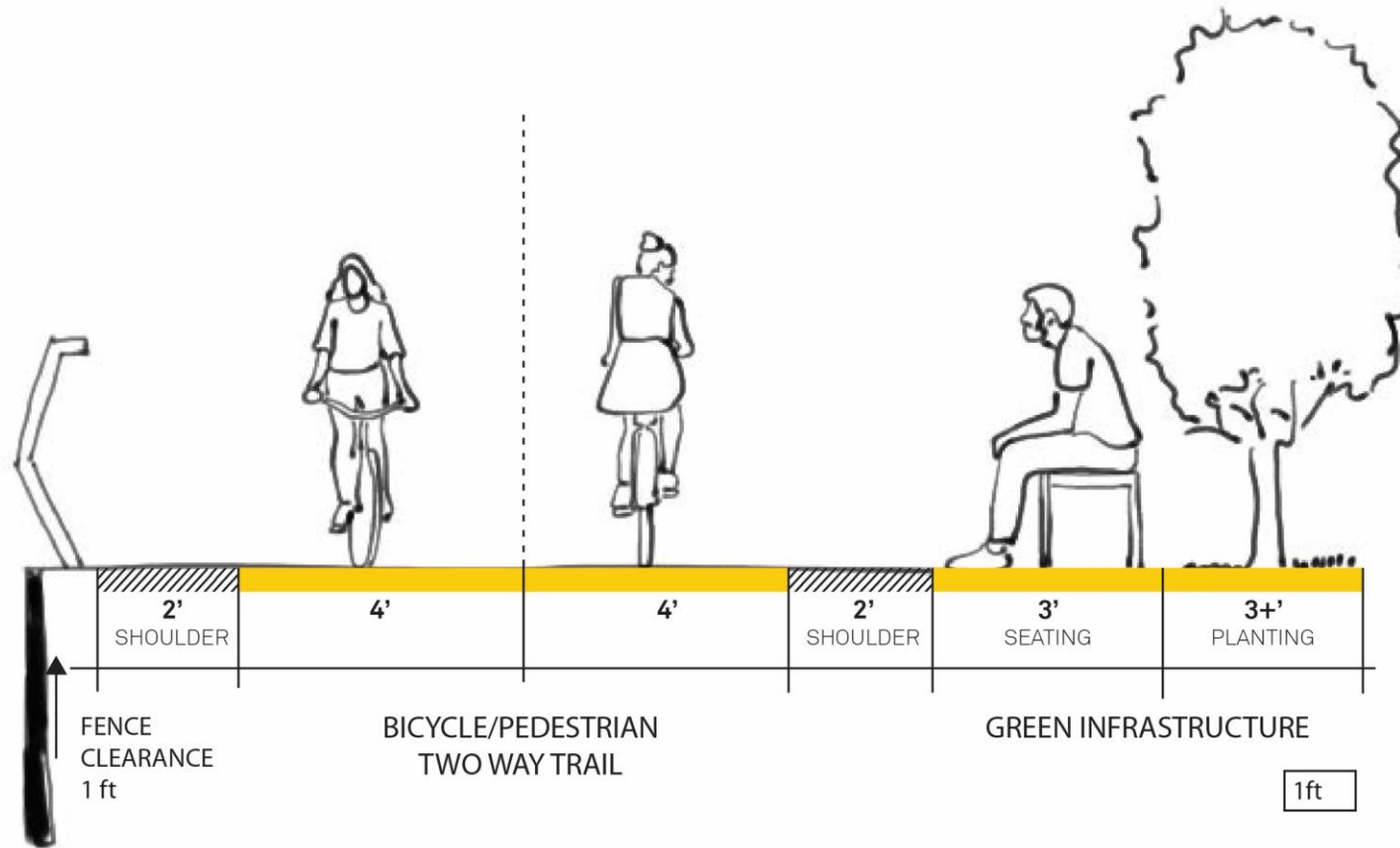
24' + Option

Comfortable width for separated use paths and possible Green Infrastructure/Landscape



HOW COULD THESE BENEFITS BE IMPLEMENTED?

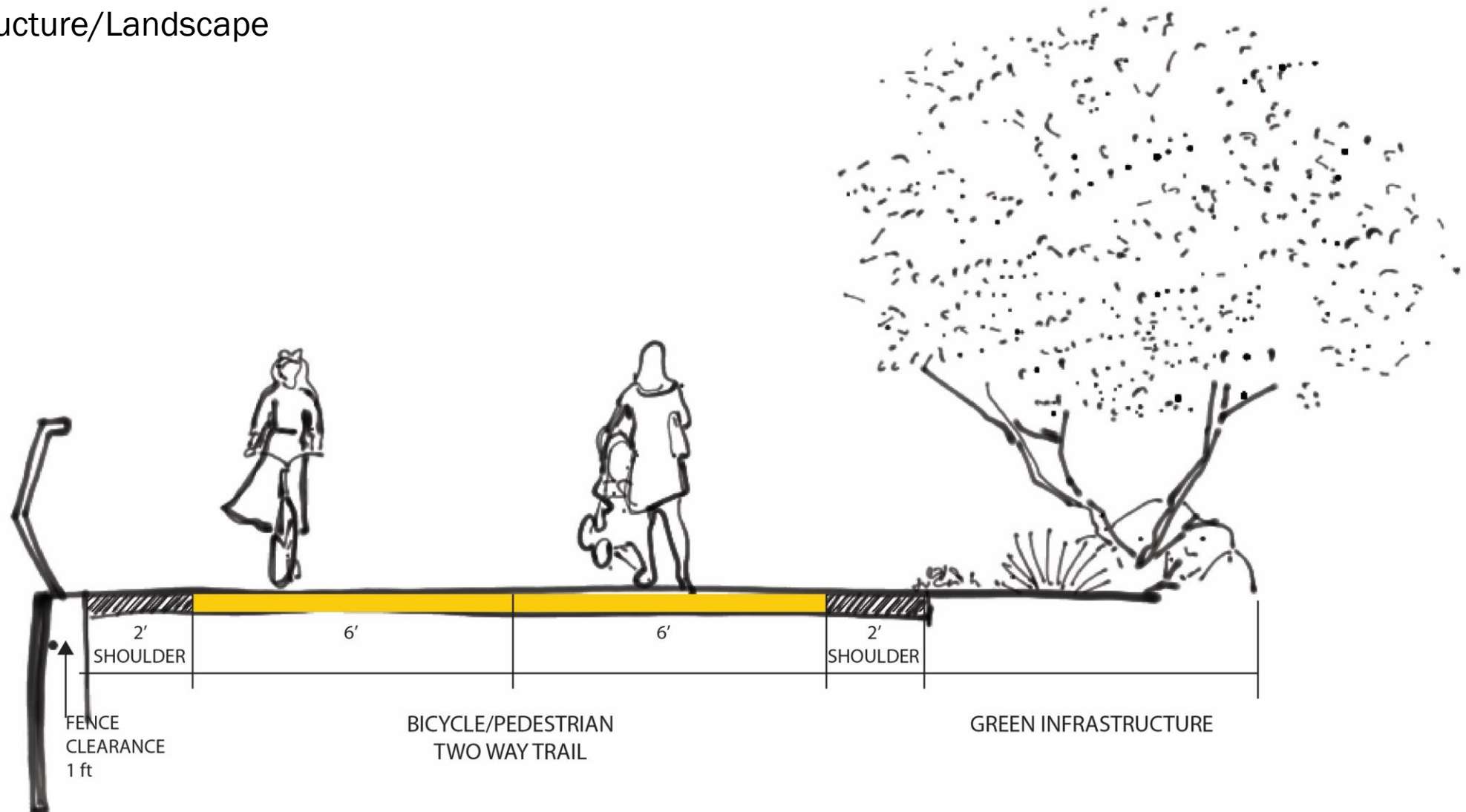
19+' option



HOW COULD THESE BENEFITS BE IMPLEMENTED?

17'-19' Option

Wide shared use path with the option of
Green Infrastructure/Landscape

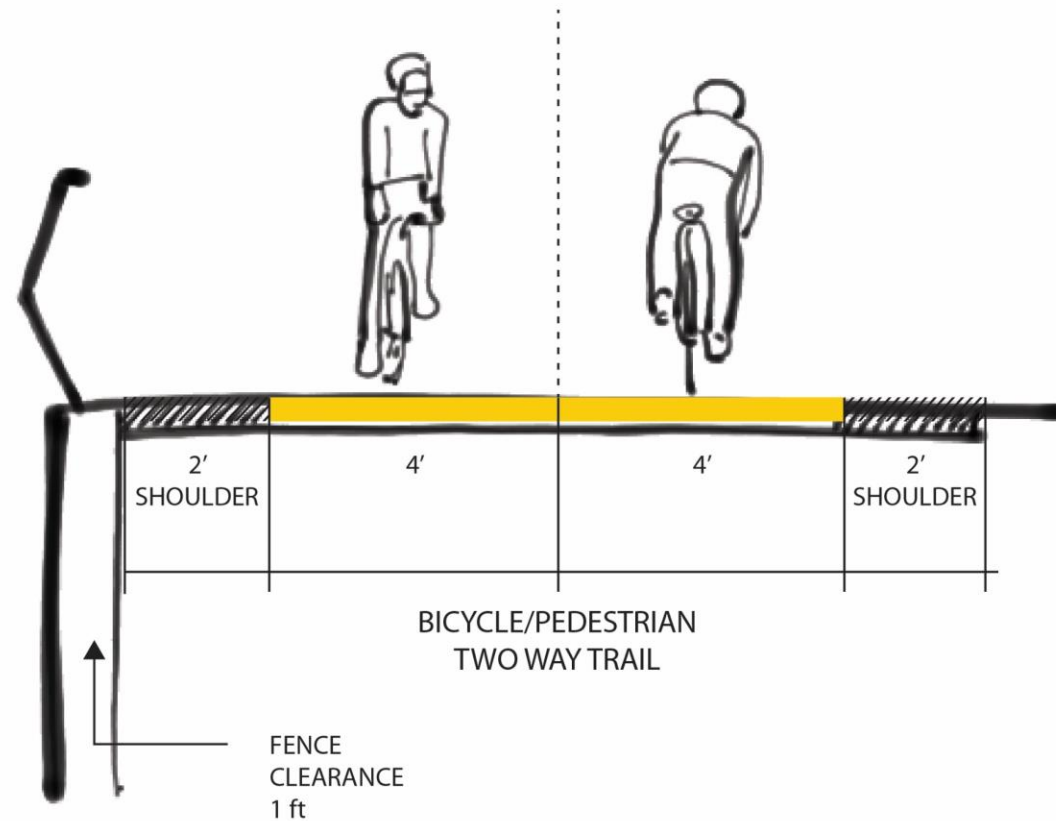


HOW COULD THESE BENEFITS BE IMPLEMENTED?

13+' option

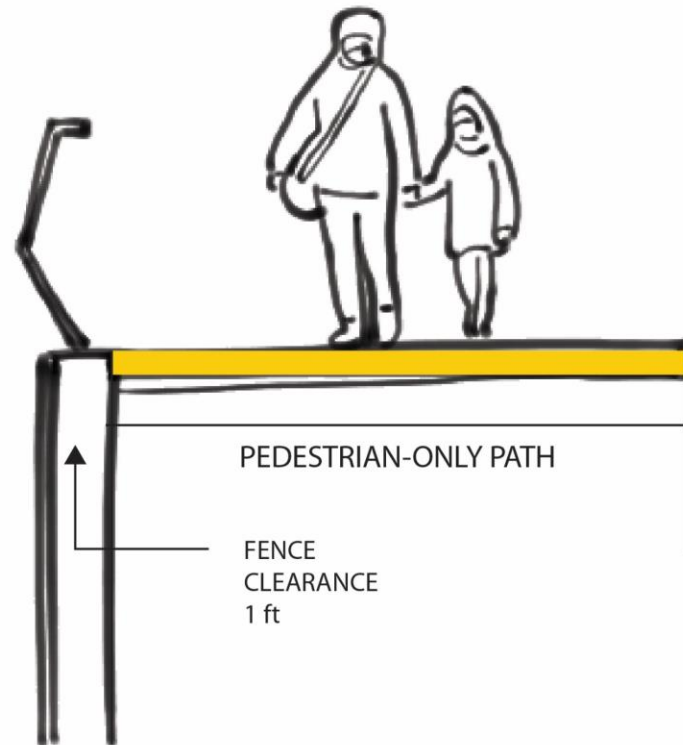
minimum width allowable for a shared-use path

*Only to be used in low traffic conditions

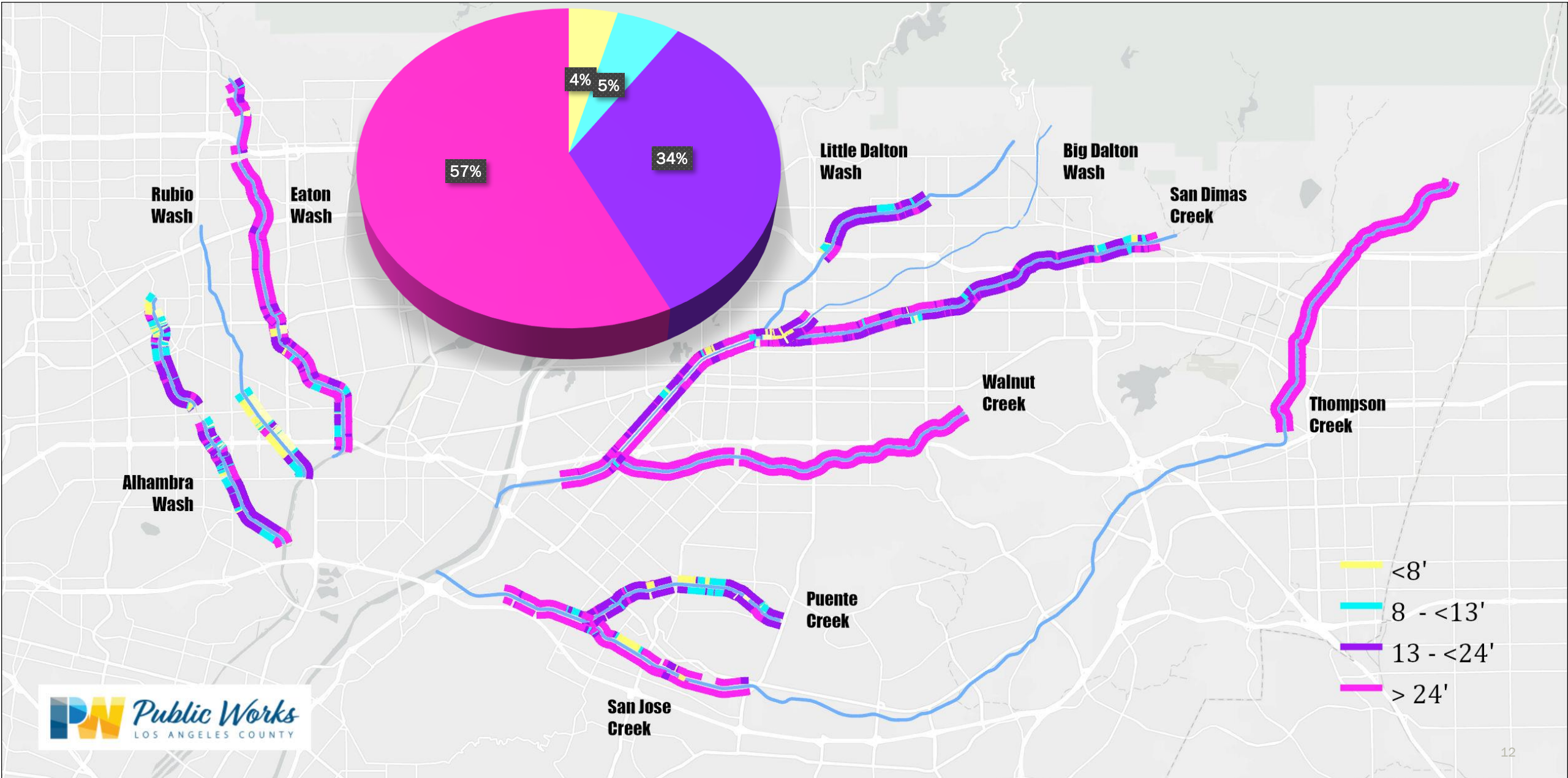


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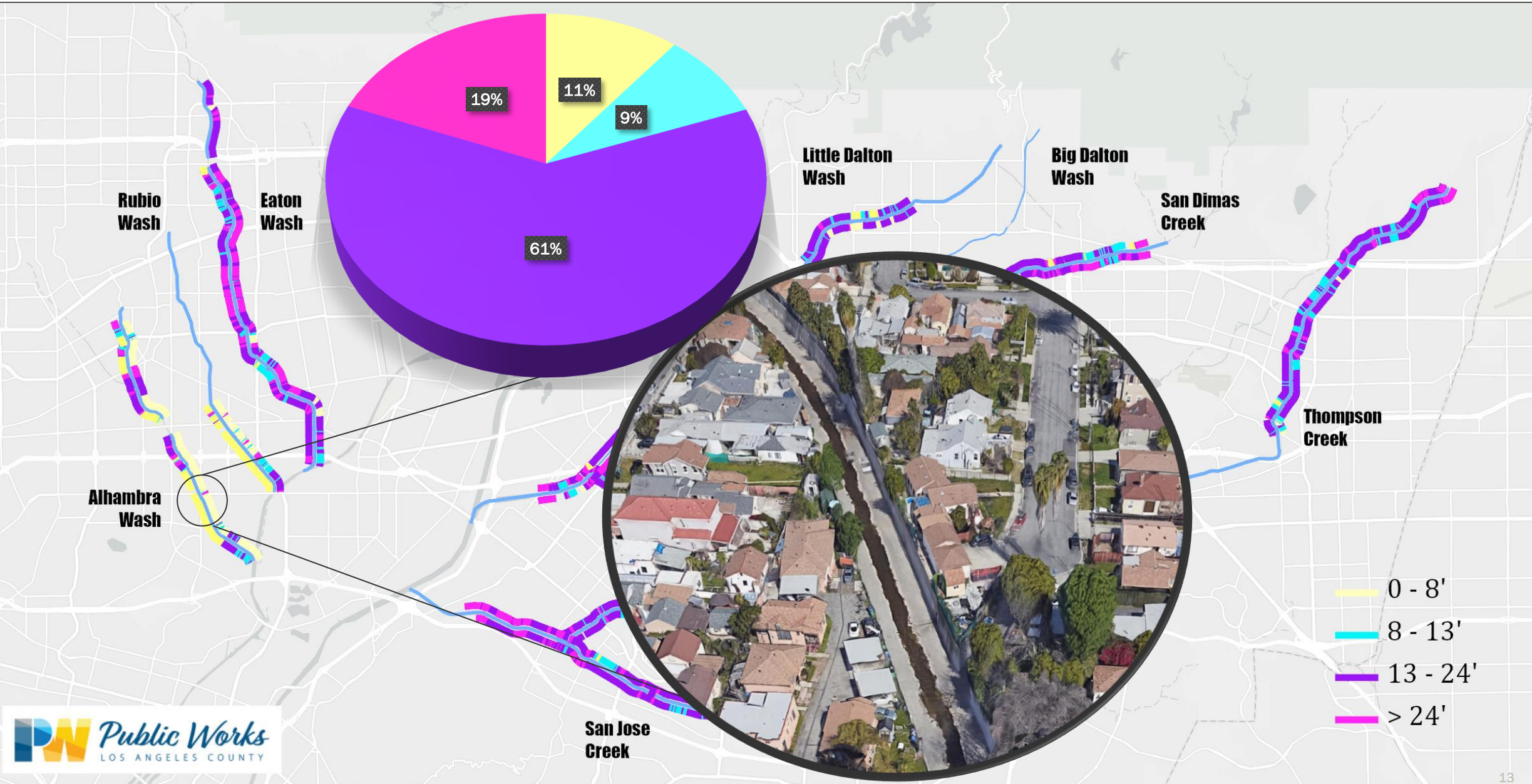
Less than 13'



Tier 1 – Legal ROW Distribution

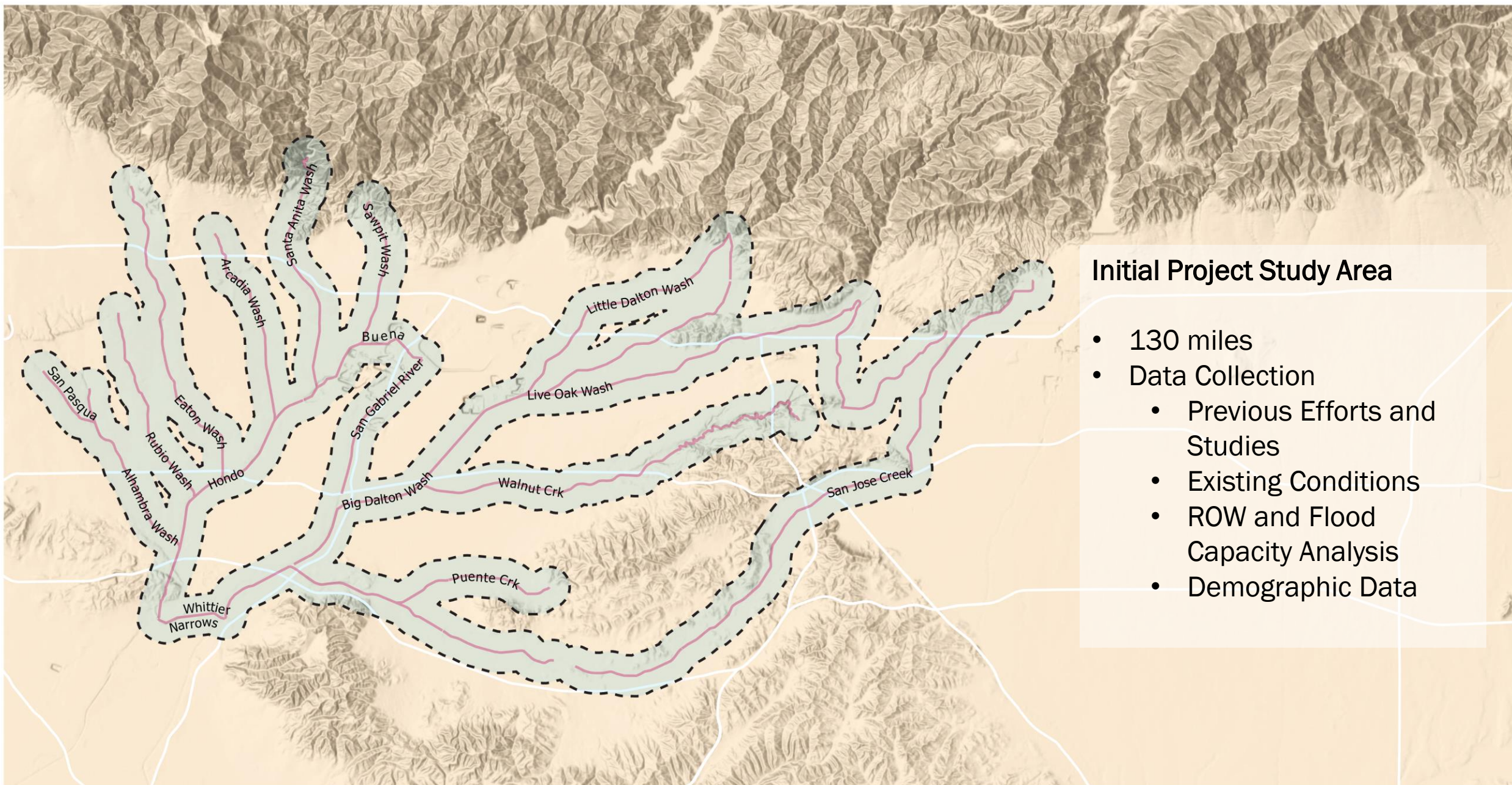


Tier 1 – Field Condition ROW Distribution



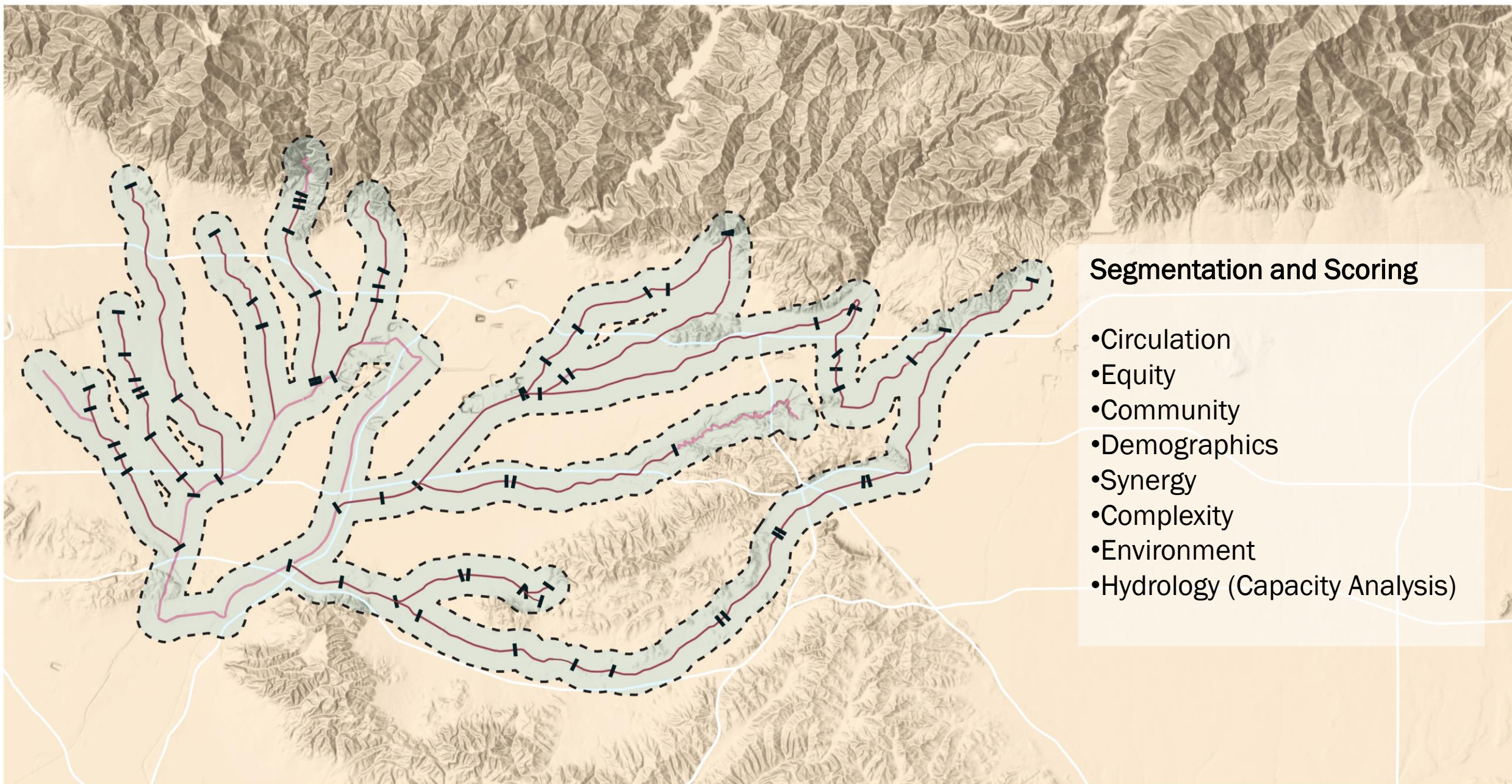
Graphics and Planning Update





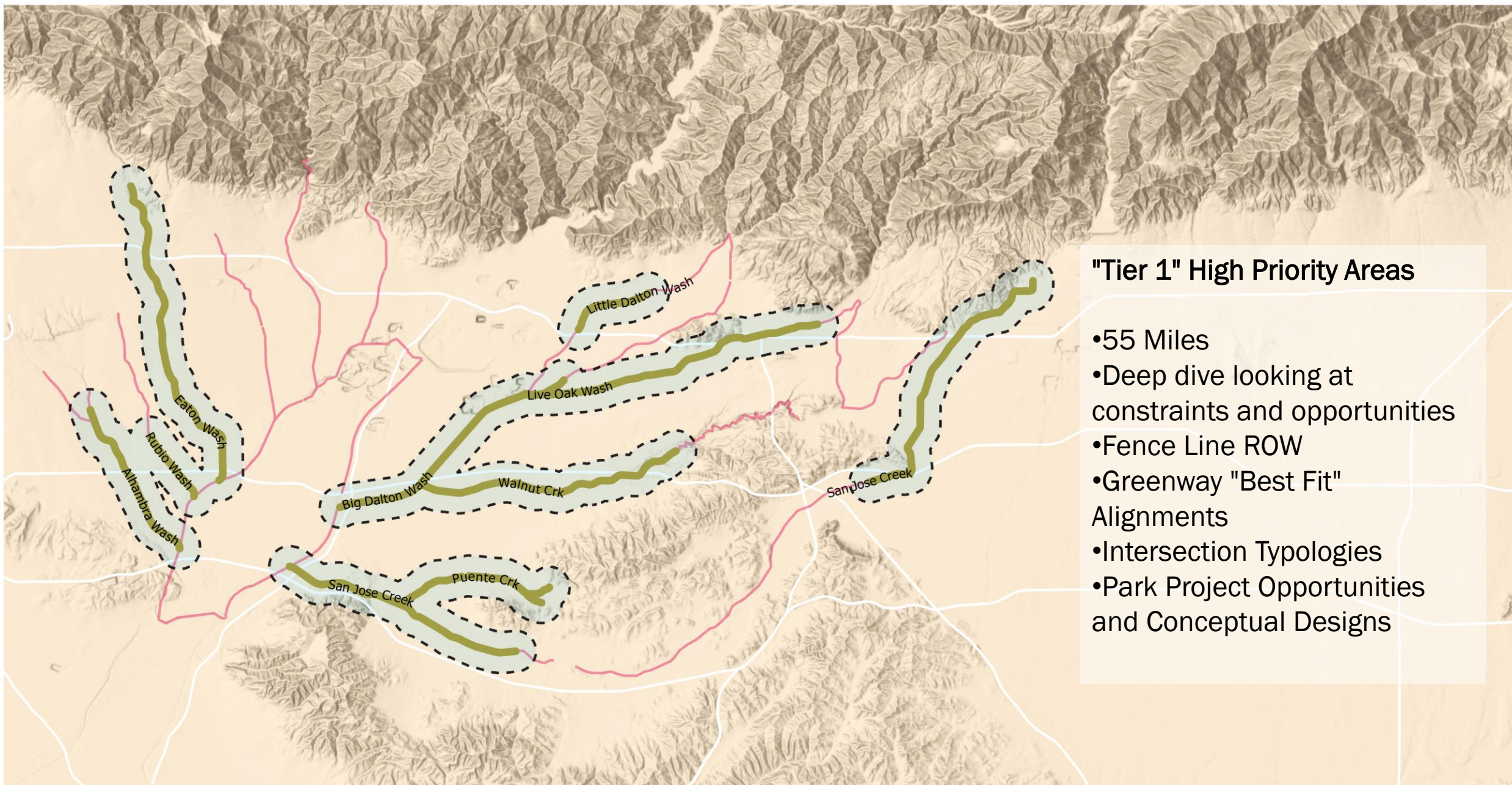
Initial Project Study Area

- 130 miles
- Data Collection
 - Previous Efforts and Studies
 - Existing Conditions
 - ROW and Flood Capacity Analysis
 - Demographic Data



Segmentation and Scoring

- Circulation
- Equity
- Community
- Demographics
- Synergy
- Complexity
- Environment
- Hydrology (Capacity Analysis)

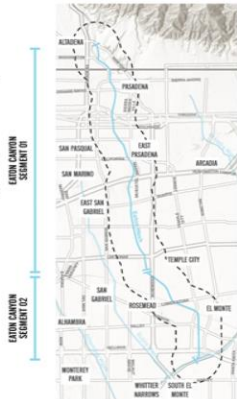


TRIBUTARY NARRATIVES

TRIBUTARY NARRATIVE

- Eaton Canyon Segment 01 (North of Broadway)**
- Retail, office and industrial spaces along Colorado, Huntington and Las Tunas that may drive traffic.
 - Very High to High park need south of Huntington Drive.
 - Sensitivity and socio-economic burden is Low to Very Low.
 - Exposure to pollution is High to Very High, particularly in the Pasadena and East Pasadena Area.
 - Low to Very Low access to reliable public transit.
 - High rates of access to a vehicle.
 - FEMA has designated a possible but undetermined flood risk at the mouth of Eaton Canyon.
 - Percentage of impervious surfaces is around the LA County average.
 - High to Very High heat vulnerability. Hopefully some of the risk is mitigated by the tree canopy coverage.

- Eaton Canyon Segment 02 (South of Broadway)**
- More dense and have lower income than Eaton Canyon Segment 01.
 - Retail, office and industrial spaces along Valley that may drive traffic.
 - Very High to High park need throughout most of this area.
 - Generally suffers from high environmental burden.
 - Over representation of population and health characters (such as asthma, housing burden, linguistic isolation) that would make them sensitive to pollution.
 - Lower access to a vehicle, but higher access to reliable transit.
 - No instances of FEMA-noted flood risks.
 - Percentage of impervious surfaces is at or above LA County average.
 - High to Very High heat vulnerability.
 - High need for tree canopy, especially south of the Pacific Railway Tracks.

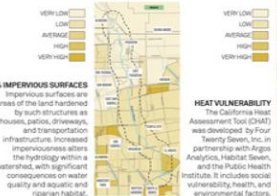


ENVIRONMENT STORY

- EATON WASH**
- Shade study, impervious surfaces, and heat vulnerability will help us see where trees can be the most beneficial.
- EATON CANYON SEGMENT 01**
- North of Broadway, there is High to Very High heat vulnerability. Hopefully some of the risk is mitigated by the tree canopy coverage.
- EATON CANYON SEGMENT 02**
- South of Broadway, there is High to Very High heat vulnerability. There is a need for tree canopy, especially in the area south of the Pacific Railway Tracks.

% NO TREE CANOPY

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

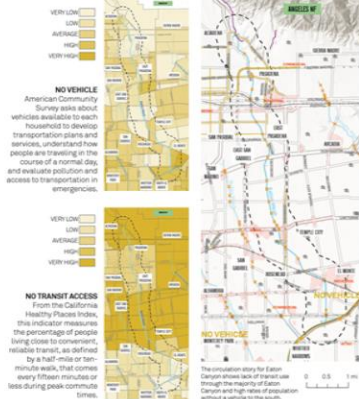


HEAT VULNERABILITY

The California Heat Assessment Tool (CHAT) was developed by Four Twenty Seven, Inc. in partnership with Agri-Analysis, Habitat Seven, and the Public Health Institute. It includes social vulnerability, health, and environmental factors.

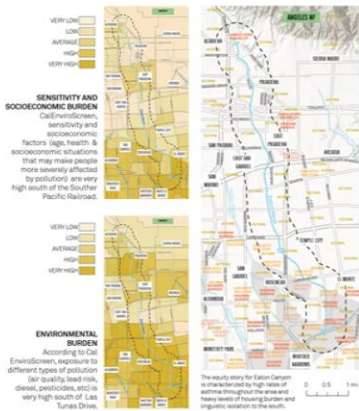
CIRCULATION STORY

- EATON WASH**
- Knowing existing circulation will inform where we prioritize connection, potential partnerships, and modality.
- EATON CANYON SEGMENT 01**
- North of Broadway, lack of access to reliable transit is High to Very High. The rates of having a vehicle are also high. Therefore, we assume that most of the community is driving.
- EATON CANYON SEGMENT 02**
- South of Broadway, access to a vehicle is lower, but access to reliable transit is significantly higher.



EQUITY STORY

- EATON WASH**
- Unfair burden of air, water, and ground pollution will inform the value of nature-based solutions in our design concepts. While socioeconomic burden (poverty levels, linguistic isolation, etc) will help inform programming.
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- South of Broadway, the community generally suffers from Very High environmental burden. There is also over-representation of population and health characters (such as asthma, housing burden, linguistic isolation) that would make them sensitive to pollution.



SYNERGY STORY

- EATON WASH**
- PART 1 - OPPORTUNITIES**
- Synergy story - early implementation projects, non-greenway projects, vacancy, public land will help us understand where there are potential opportunities to build on the greenway.



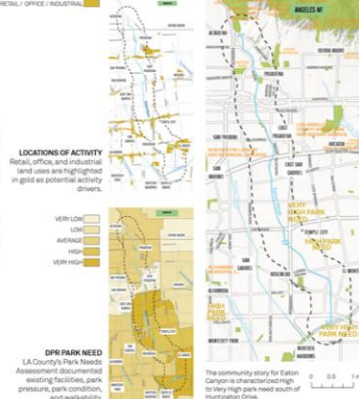
SYNERGY STORY

- EATON WASH**
- PART 2 - COMPLEXITY**
- RWA analysis will show existing issues that the design has to take into account.



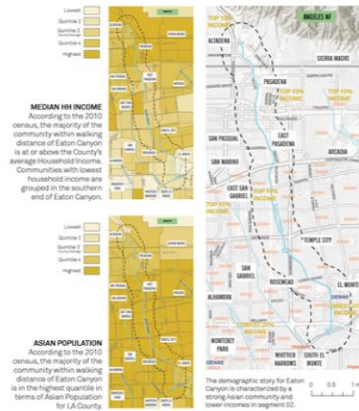
COMMUNITY STORY

- EATON WASH**
- PART 1 - GATHERING SPACES**
- Understanding existing community gathering spaces will inform how our project could add to open space access.
- EATON CANYON SEGMENT 01**
- North of Broadway, there are retail, office and industrial spaces along Colorado, Huntington and Las Tunas that may drive traffic. The Department of Parks and Recreation Park Need Assessment shows Very High to High park need south of Huntington.
- EATON CANYON SEGMENT 02**
- South of Broadway, there are retail, office and industrial spaces along the Valley that may drive traffic. The Department of Parks and Recreation Park Need Assessment shows Very High to High park need through most of this area.



COMMUNITY STORY

- EATON WASH**
- PART 2 - DEMOGRAPHICS**
- Understanding key demographic factors will inform the style and programming of the area.
- EATON CANYON SEGMENT 01**
- North of Broadway, the community has a strong Asian population and income that is higher than the County's average. Communities with lower household income are grouped in the southern end of Eaton Canyon.
- EATON CANYON SEGMENT 02**
- South of Broadway, there is a strong Asian community. The community tends to be more dense and have lower average income.



TRIBUTARY NARRATIVE

EATON WASH

Eaton Canyon Segment 01 (North of Broadway)

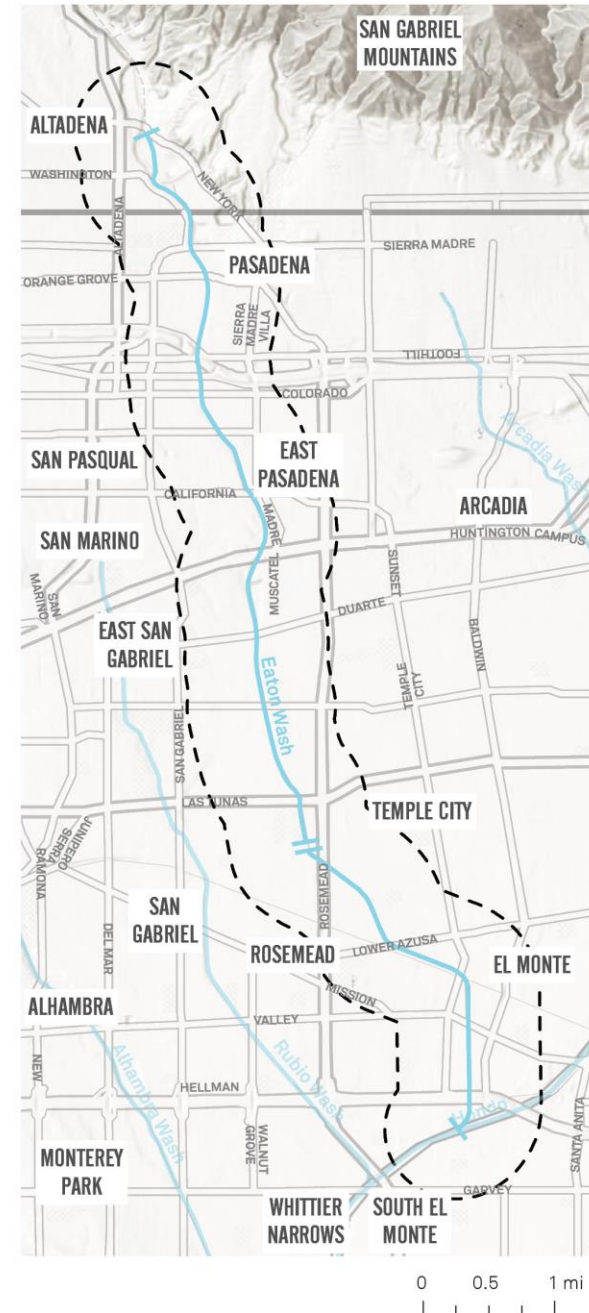
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- High rates of access to a vehicle.
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- Percentage of impervious surfaces is around the LA County average.
- High to Very High heat vulnerability. Hopefully some of the risk is mitigated by the tree canopy coverage.

Eaton Canyon Segment 02 (South of Broadway)

- More dense and have lower income than Eaton Canyon Segment 01.
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- Very High to High park need throughout most of this area.
- Generally suffers from high environmental burden.
- Over-representation of population and health characters (such as asthma, housing burden, linguistic isolation) that would make them sensitive to pollution.
- Lower access to a vehicle, but higher access to reliable transit.
- No instances of FEMA-noted flood risks.
- Percentage of impervious surfaces is at or above LA County' average.
- High to Very High heat vulnerability.
- High need for tree canopy, especially south of the Pacific Railway Tracks.

EATON CANYON
SEGMENT 01

EATON CANYON
SEGMENT 02



CIRCULATION STORY

EATON WASH

Knowing existing circulation will inform where we prioritize connection, potential partnership, and modality.

EATON CANYON SEGMENT 01

North of Broadway, lack of access to reliable transit is High to Very High. The rates of having a vehicle are also high. Therefore, we assume that most of the community is driving.

EATON CANYON SEGMENT 02

South of Broadway, access to a vehicle is lower; but access to reliable transit is significantly higher.

- RAILWAY
- TRAILS
- GREENWAY NETWORK
- EXISTING BIKEWAYS
- SCHOOLS
- RAIL STATIONS
- INTERSECTIONS
- RAIL WAY CROSSINGS
- BUS STOPS

- VERY LOW
- LOW
- AVERAGE
- HIGH
- VERY HIGH

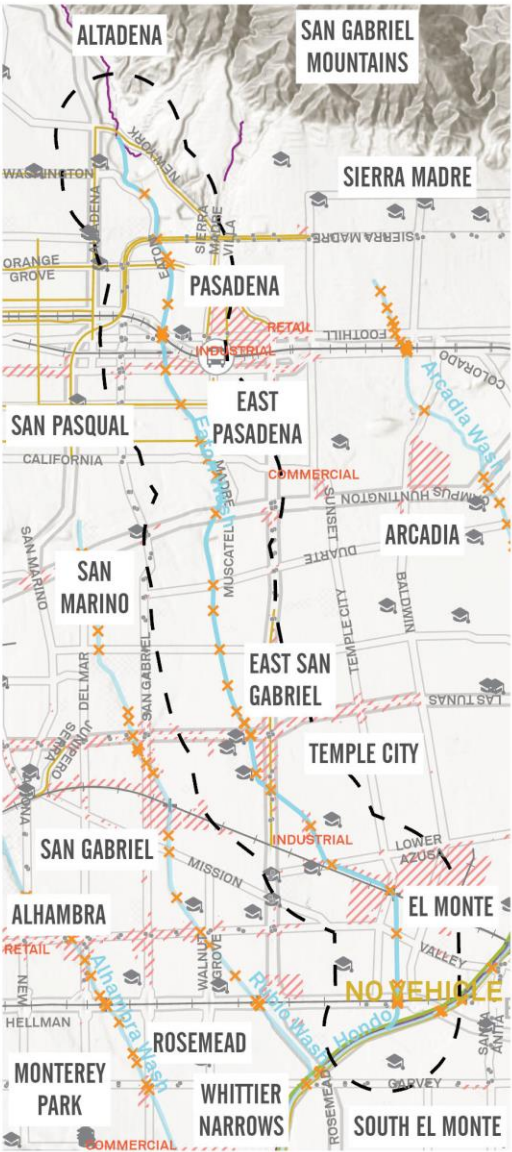
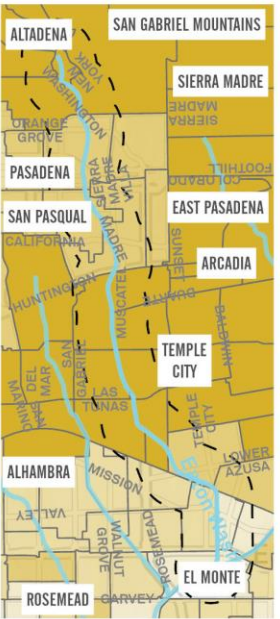
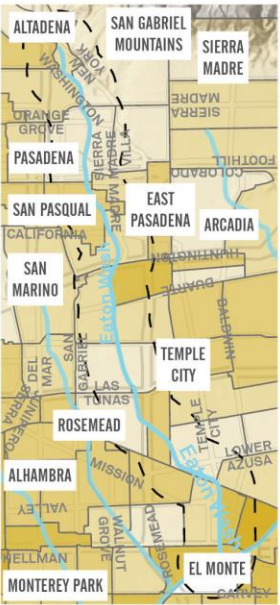
NO VEHICLE

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.

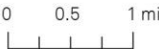
- VERY LOW
- LOW
- AVERAGE
- HIGH
- VERY HIGH

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.



The circulation story for Eaton Canyon shows lack of transit use through the majority of Eaton Canyon and high rates of population without a vehicle to the south.



EQUITY STORY

EATON WASH

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

EATON CANYON SEGMENT 01

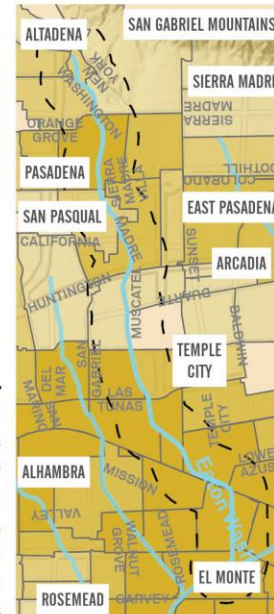
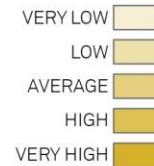
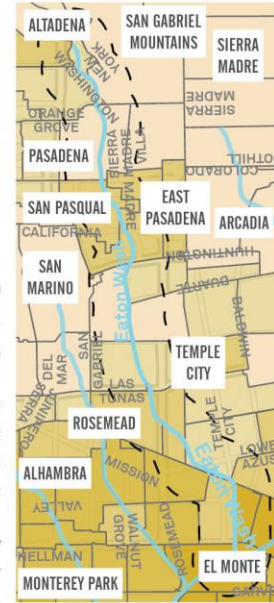
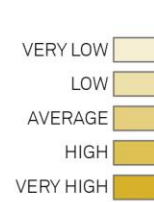
North of Broadway, sensitivity and socioeconomic burden is Low to Very Low. But pollution exposure is High to Very High, particularly in the Pasadena and East Pasadena Area .

EATON CANYON SEGMENT 02

South of Broadway, the community generally suffers from Very High environmental burden. There is also over-representation of population and health characters (such as asthma, housing burden, linguistic isolation) that would make them sensitive to pollution.

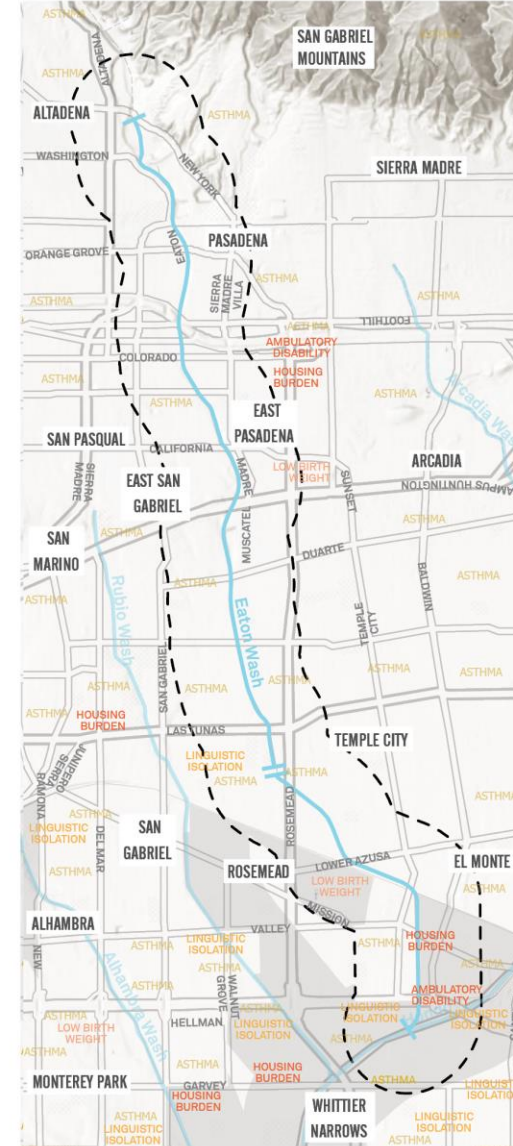
SENSITIVITY AND SOCIOECONOMIC BURDEN

CalEnviroScreen, sensitivity and socioeconomic factors (age, health & socioeconomic situations that may make people more severely affected by pollution) are very high south of the Southern Pacific Railroad.



ENVIRONMENTAL BURDEN

According to Cal EnviroScreen, exposure to different types of pollution (air quality, lead risk, diesel, pesticides, etc) is very high south of Las Tunas Drive.



The equity story for Eaton Canyon is characterized by high rates of asthma throughout the area and heavy levels of housing burden and linguistic isolation to the south.



COMMUNITY STORY

EATON WASH

PART 1 - GATHERING SPACES

Understanding existing community gathering spaces will inform how our project could add to open space access.

EATON CANYON SEGMENT 01

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EATON CANYON SEGMENT 02

South of Broadway, there are retail, office and industrial spaces along the Valley that may drive traffic. The Department of Parks and Recreation Park Need Assessment shows Very High to High park need through most of this area.

RETAIL / OFFICE / INDUSTRIAL

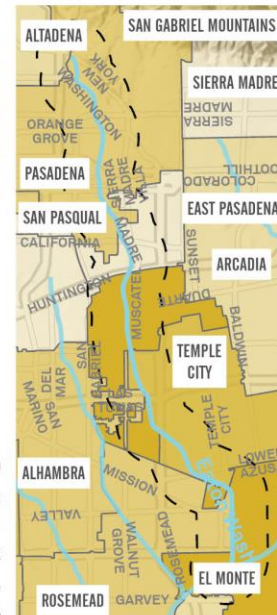
LOCATIONS OF ACTIVITY

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

VERY LOW
LOW
AVERAGE
HIGH
VERY HIGH

DPR PARK NEED

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



The community story for Eaton Canyon is characterized High to Very High park need south of Huntington Drive.

0 0.5 1 mi

COMMUNITY STORY

EATON WASH

PART 2 - DEMOGRAPHICS

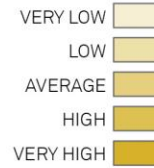
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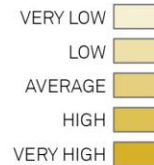
EATON CANYON SEGMENT 02

South of Broadway, there is a strong Asian community. The community tends to be more dense and have lower average income.



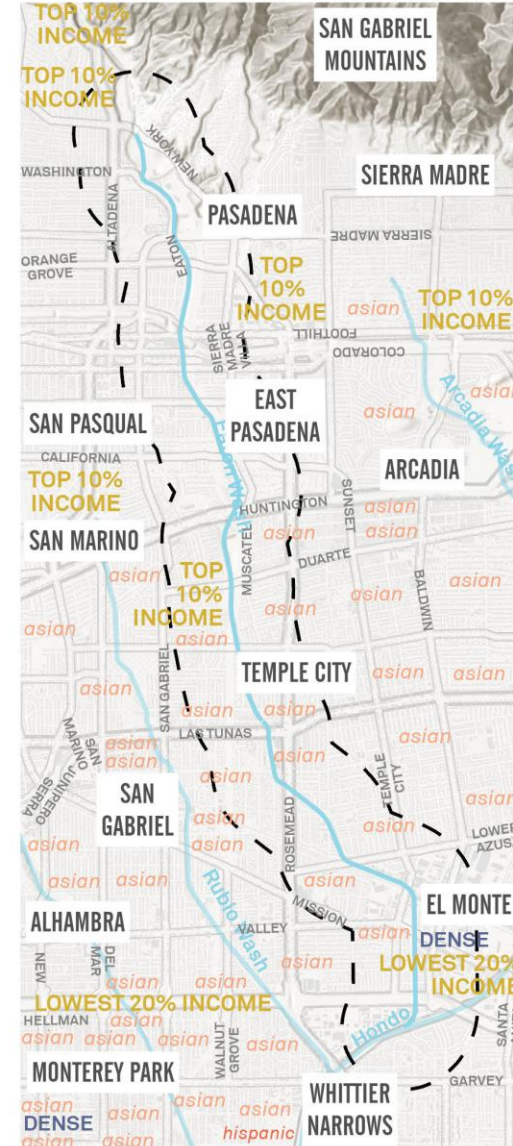
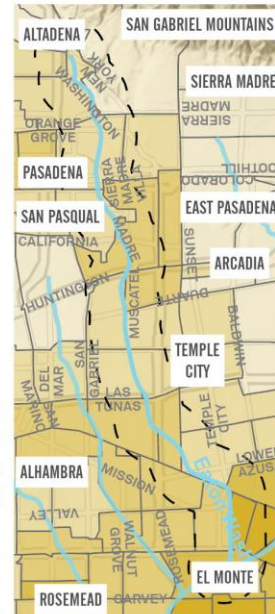
MEDIAN HH INCOME

According to the 2010 census, the majority of the community within walking distance of Eaton Canyon is at or above the County's average Household Income. Communities with lowest household income are grouped in the southern end of Eaton Canyon.



ASIAN POPULATION

According to the 2010 census, the majority of the community within walking distance of Eaton Canyon is in the highest quantile in terms of Asian Population for LA County.



The demographic story for Eaton Canyon is characterized by a strong Asian community and lower incomes in segment 02.

SYNERGY STORY

EATON WASH

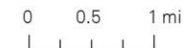
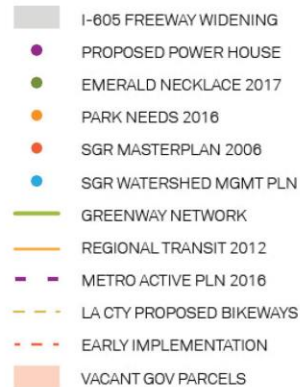
PART 1 - OPPORTUNITIES

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

EATON CANYON SYNERGY OPPORTUNITIES:

Eaton Wash is a popular tributary and has been identified by many studies and planning efforts in the past:

- The LA County Bicycle Master Plan 2012 identified a greenway alignment along this reach
- The SGVCOG Greenways Study 2019 ranked Eaton Wash among its “top 50 miles”
- A Greenway along the southern portion of Eaton Wash is currently in design between Rosemead Ave and Longden Ave.
- Phase 2 will continue North from Longden Ave to Huntington Drive (Currently in Planning).
- A third section from Rosemead Ave to the Rio Hondo was identified as “funded” within the SGVCOG Study
- Additionally, “constructing a park in the vicinity of Eaton Wash” was identified by the community as a high priority project during the 2016 Parks Needs Assessment



SYNERGY STORY

EATON WASH

PART 2 - COMPLEXITY

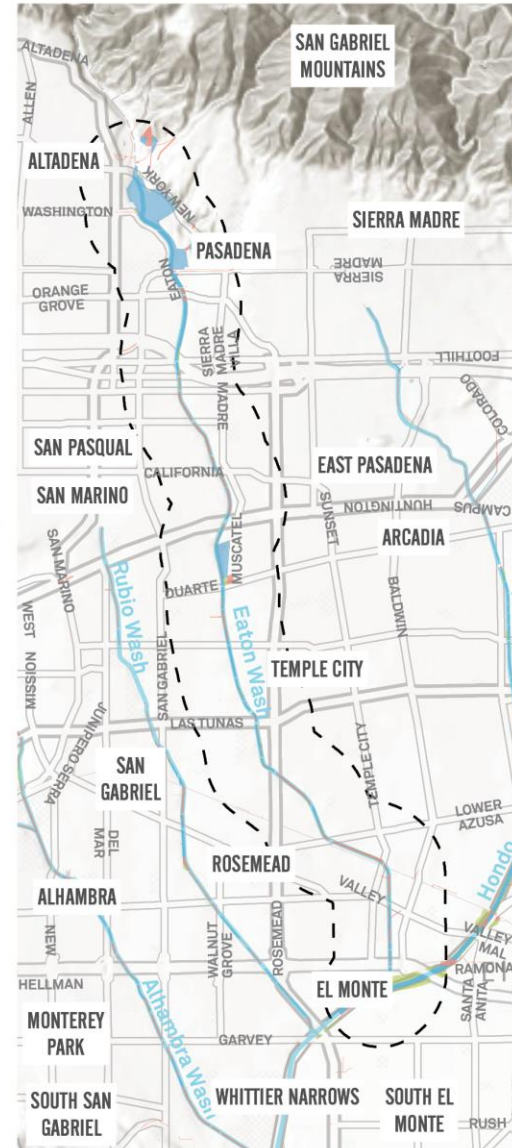
Understanding the legal as well as physical constraints along each wash will show existing issues that the design has to take into account.

EATON CANYON LEGAL COMPLEXITY

- Eaton Canyon parcels are mostly fee property, with a few marginal quitclaims and easements along the channel
- “Fee” parcels would require the least amount of regulatory approvals

EATON CANYON PHYSICAL COMPLEXITY

- Available As-built data was used along with County ROW parcel data
- Generally, Eaton Wash has over 10 feet of ROW available outside of the flood control channel
- Areas with 10 feet of available ROW are mostly concentrated between Acacia St and Encinita Ave



■ EASEMENT
■ FEE
■ OTHER



■ < 13 FT
■ 13-26 FT
■ > 26 FT
● PROJECT INTERSECTIONS

ENVIRONMENT STORY

EATON WASH

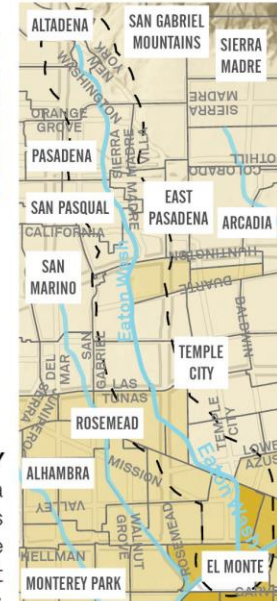
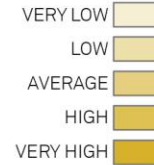
Shade study, impervious surfaces, and heat vulnerability will help us see where trees can be the most beneficial.

EATON CANYON SEGMENT 01

North of Broadway, there is High to Very High heat vulnerability. Hopefully some of the risk is mitigated by the tree canopy coverage.

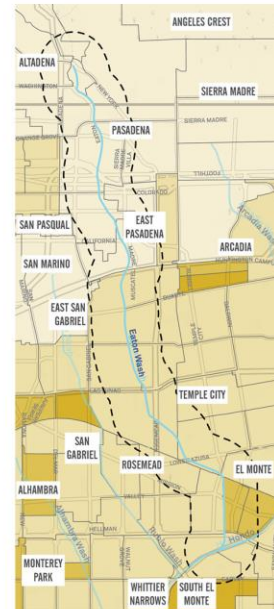
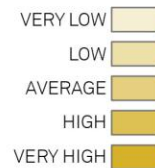
EATON CANYON SEGMENT 02

South of Broadway, there is High to Very High heat vulnerability. There is a need for tree canopy, especially in the area south of the Pacific Railway Tracks.



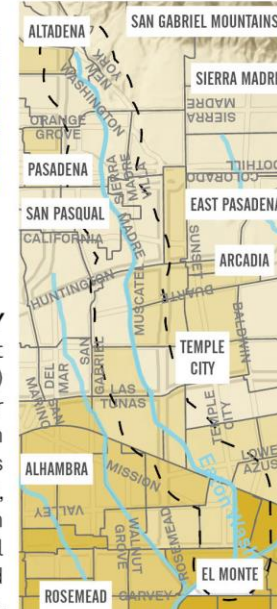
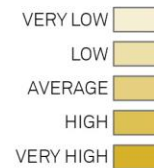
% NO TREE CANOPY

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



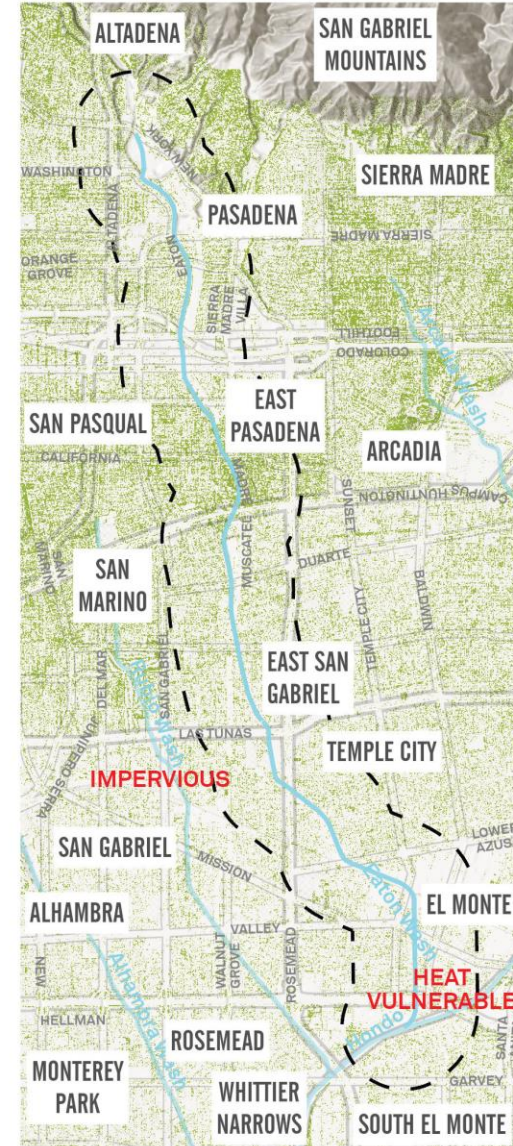
% IMPERVIOUS SURFACES

Impervious surfaces are areas of the land hardened by such structures as houses, patios, driveways, and transportation infrastructure. Increased imperviousness alters the hydrology within a watershed, with significant consequences on water quality and aquatic and riparian habitat.



HEAT VULNERABILITY

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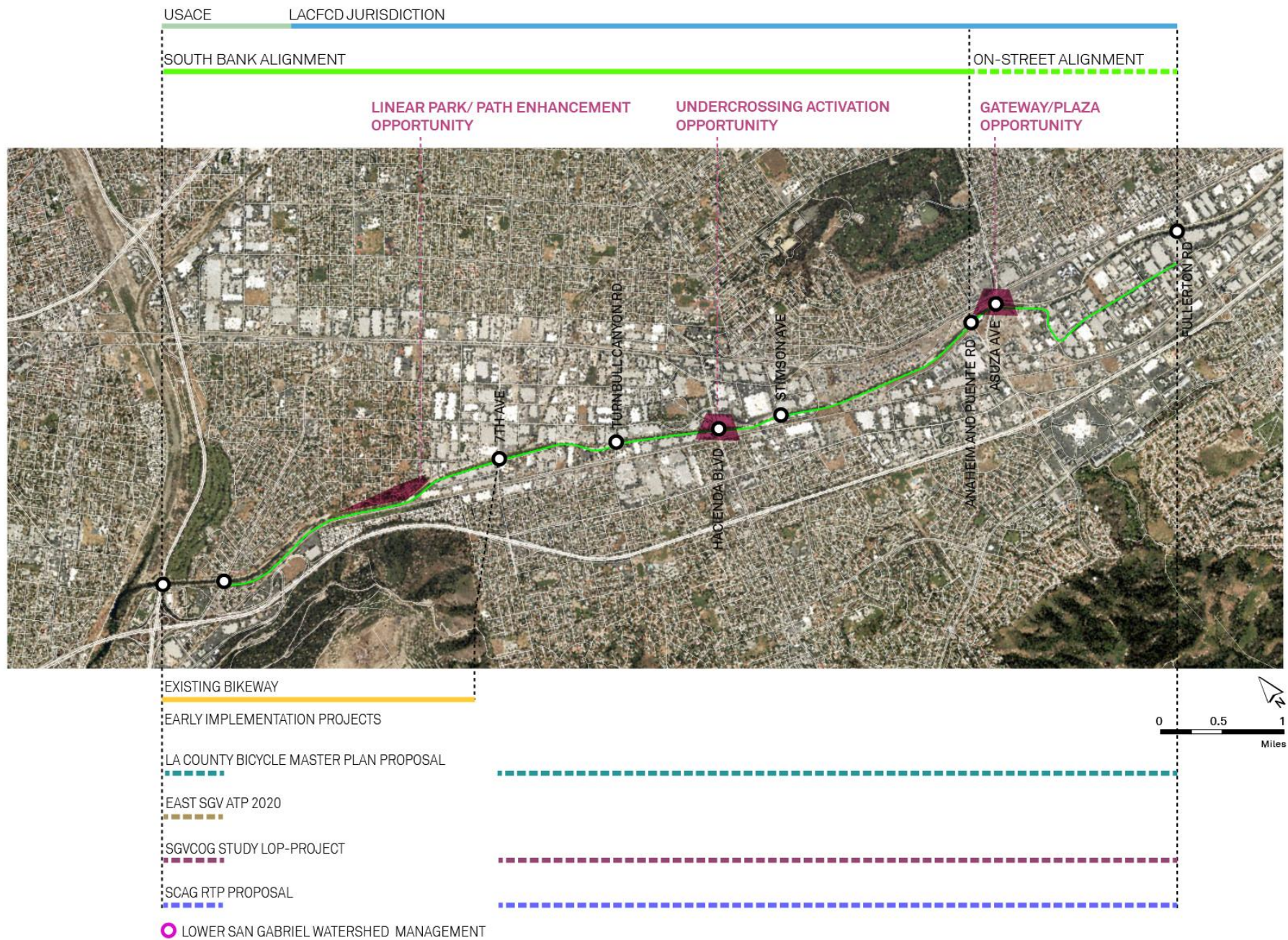
The environment story for Eaton Canyon shows high heat vulnerability across the community, particularly at the southern end where there is less tree canopy.



SAN JOSE CREEK - CONSTRAINTS



SAN JOSE CREEK - OPPORTUNITIES



BOS SD 1
BOS SD 4
BOS SD 5
Nature For All
Trust for Public Land

SGVCOG
RMC
Active SGV
SCAG
SGVCC

Discussion – Round Table



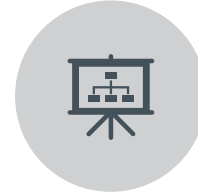
Engagement Activities and Tools Development



Informational
Flyer



Website



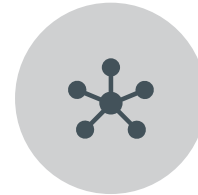
PPT Presentation



Social Media Post
Template



Map-Based
Survey



Promotional Flyer



Presentation/Pop
up Boards

Engagement Activities and Tools Development



Survey promotion



Kickoff Workshop
(TBD)



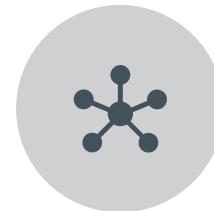
Social Media Post to
promote workshop,
survey, and events



Briefings to Groups



“Walkshops”/
“Bikeshops”



Pop-ups

San Gabriel Valley Greenway Network Strategic Implementation Plan

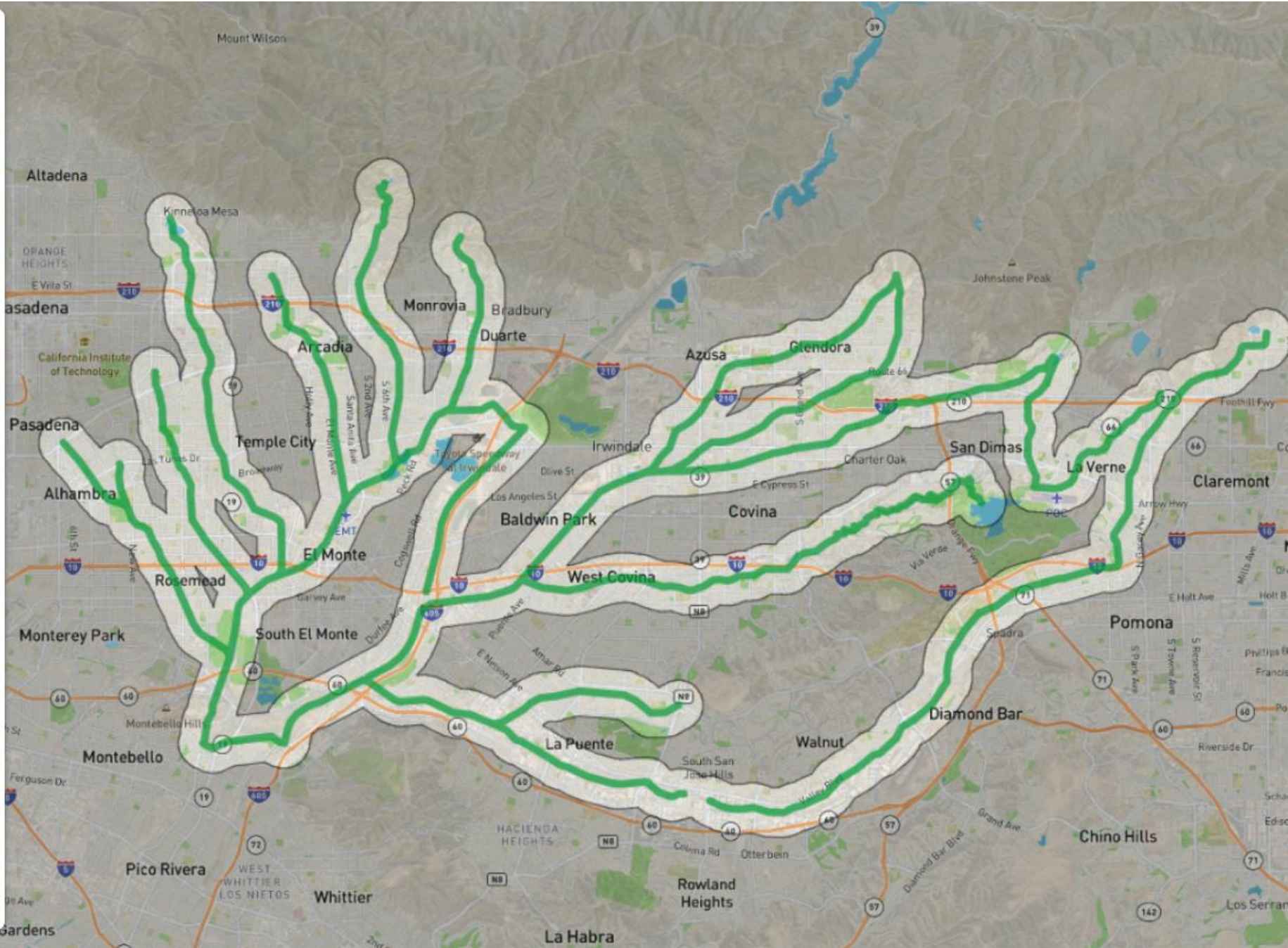


Select a language below:
Selecione un idioma abajo:
请选择下面一种语言:



English

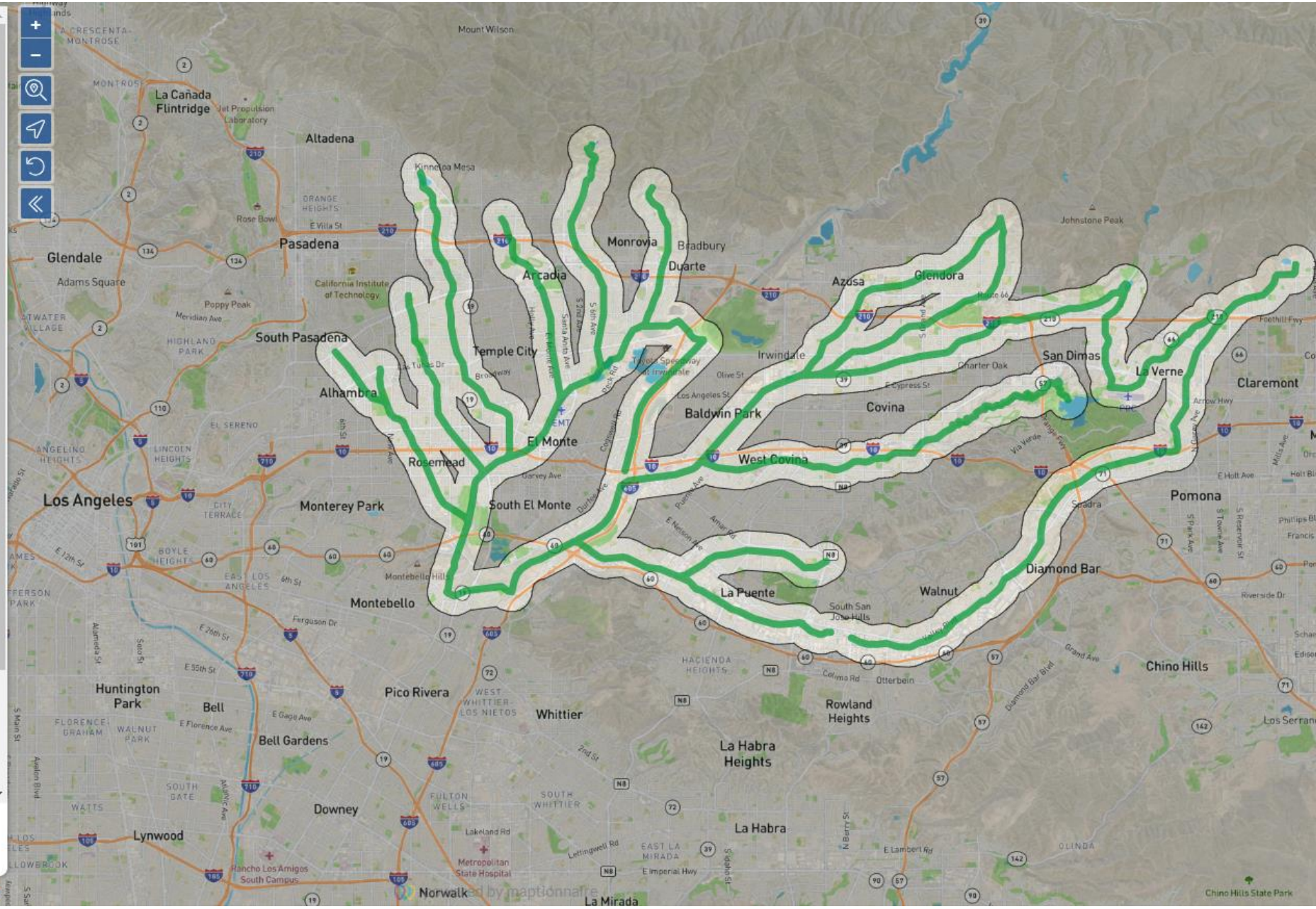
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San Gabriel Valley Greenway Network Strategic Implementation Plan



The San Gabriel Valley Greenway Network (SGV Greenway) covers the entirety of the San Gabriel Valley as mapped. Together, the cities of the region comprise approximately 55 square miles of land area and have a combined population of nearly 200,000 people. The region varies in population, socioeconomic factors, climate, and the use of existing bike paths and trails.



Exploring the SGV Greenway

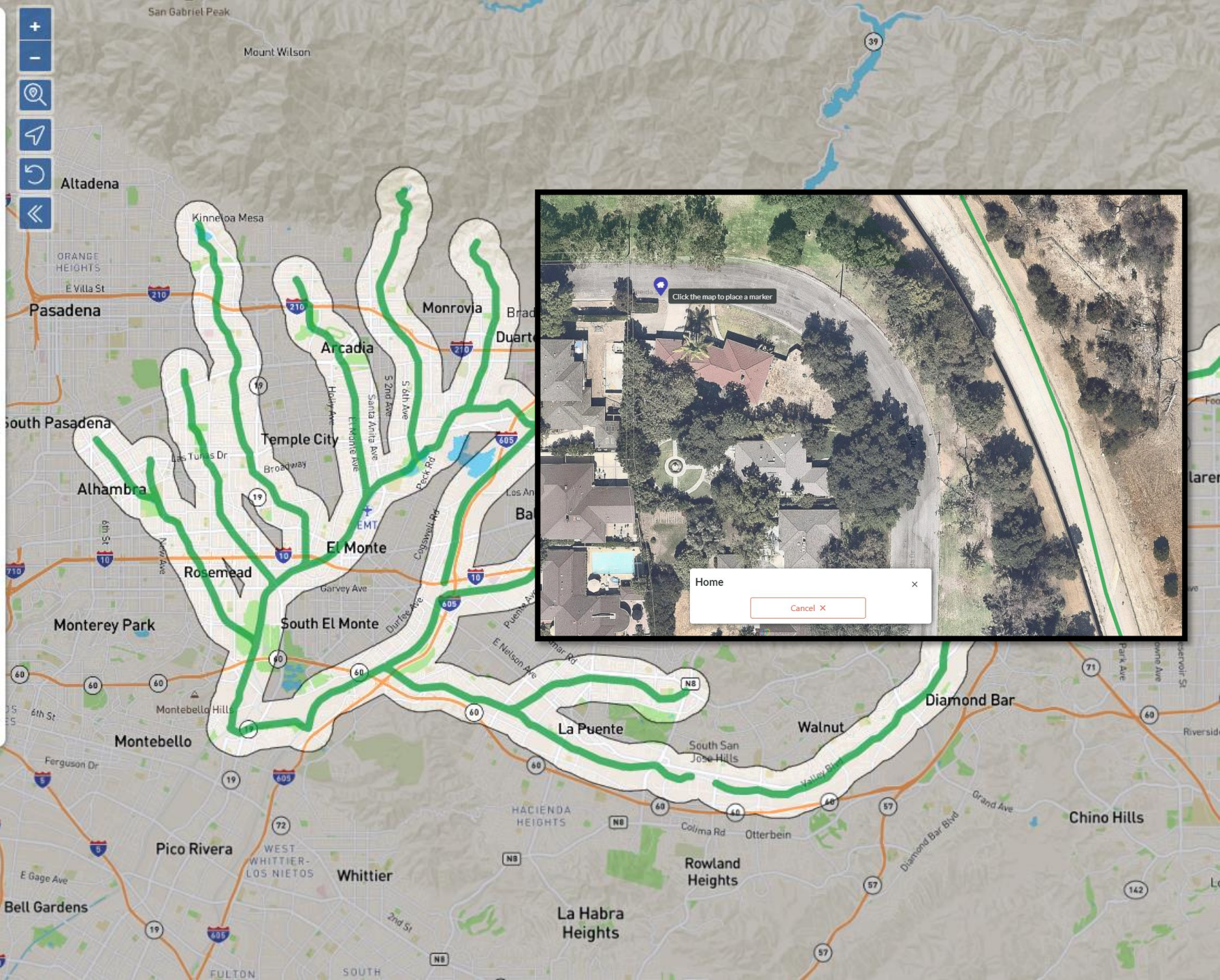
We are going to ask you some questions that you can answer on the map using the colored buttons to identify areas you want to highlight.

1. Click on the button below, a map will appear, you can move it by dragging and zooming in and out using the + and - buttons on the left.
2. Once you find the spot you are looking for, click to drop a pin and add your ideas.
3. Answer the follow-up questions and click save to come back.
4. If you wish to remove your pin, click on the pin you already placed, and then a "delete" button will appear left of "save."
5. If you wish to place multiple pins, you can click on the colored button and repeat the process.

Note: If you are on a mobile device you may need to select the map between the navigation arrows to find your pin.

Approximately, where is your home?

Home



Exploring the SGV Greenway

What areas of the SGV Greenway would you likely use and how?

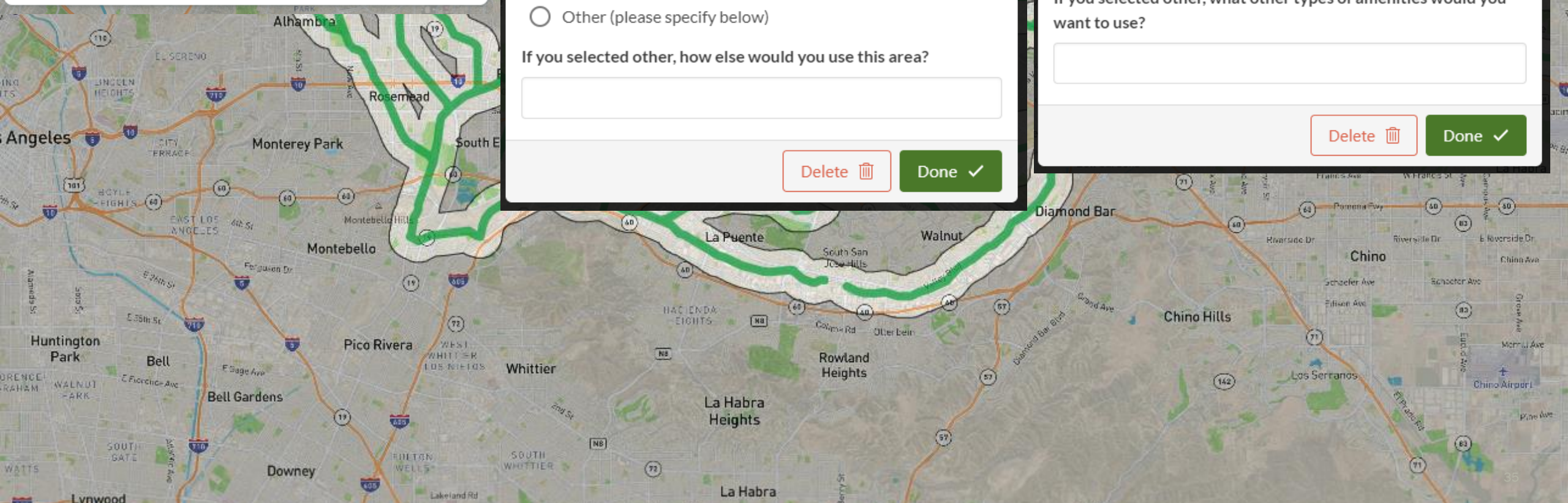
Uses

Where would you suggest adding recreational amenities on the SGV Greenway?

Amenities

<

>



Uses

What would you use this area for?

☐ Being active: walking, hiking, or biking

☐ Enjoying the outdoors and nature

☐ Playing

☐ Relaxing

☐ Travelling from one area to another

☐ Picnicking/dining

☐ Equestrian activities

☐ Other (please specify below)

If you selected other, how else would you use this area?

Delete

Done

Amenities

What types of amenities would you want to use? Choose all that apply.

☐ Add shade here

☐ Create gathering spaces

☐ Create playing spaces

☐ Create exercising spaces

☐ Create areas to connect with nature

☐ Other ideas (please specify below)

If you selected other, what other types of amenities would you want to use?

Delete

Done

Exploring the SGV Greenway

Click on the buttons below to tell us more about how you would use the future greenway, use as many pins as you need.

Where would you access the SGV Greenway?

Access ⓘ

Please help us locate the types of destinations you would likely travel to using the SGV Greenway?

Destination 🏔️

Where do you think equestrian activities would be most suitable on the SGV Greenway?

- Click on the yellow button below to go back to the map.
- Draw the edges of the areas you think equestrian activities take place by clicking on each corner.
- Finish the shape by clicking the first point again.
- If you wish to remove your neighborhood boundary, click on the shape you already placed, and then a "delete" button will appear left of "save."

Note: If you are on a mobile device you may need to select the map between the navigation arrows to find your pin.

Equine 🐾



Access



How would you get there? Check all that apply.

- ☐ Bicycle
- ☐ Walk
- ☐ Jog or run
- ☐ Ride a horse
- ☐ Skateboard or roller blade
- ☐ Use a mobility device (wheelchair or scooter)
- ☐ Other (please specify below)

If you selected other, how would you get there?

Delete 🗑️

Done ✓

Destination



What types of destinations you would likely travel to using the SGV Greenway?

- ☐ Parks or other recreational spaces
- ☐ School
- ☐ Shopping, restaurants or services
- ☐ Work
- ☐ Other (please specify below)

If you selected other, what type of destination is this?

Delete 🗑️

Done ✓

Exploring the SGV Greenway

Click on the buttons below to tell us more about how you would use the future greenway, use as many pins as you need.

Where would you access the SGV Greenway?

Access ⓘ

Please help us locate the types of destinations you would likely travel to using the SGV Greenway?

Destination 🏔️

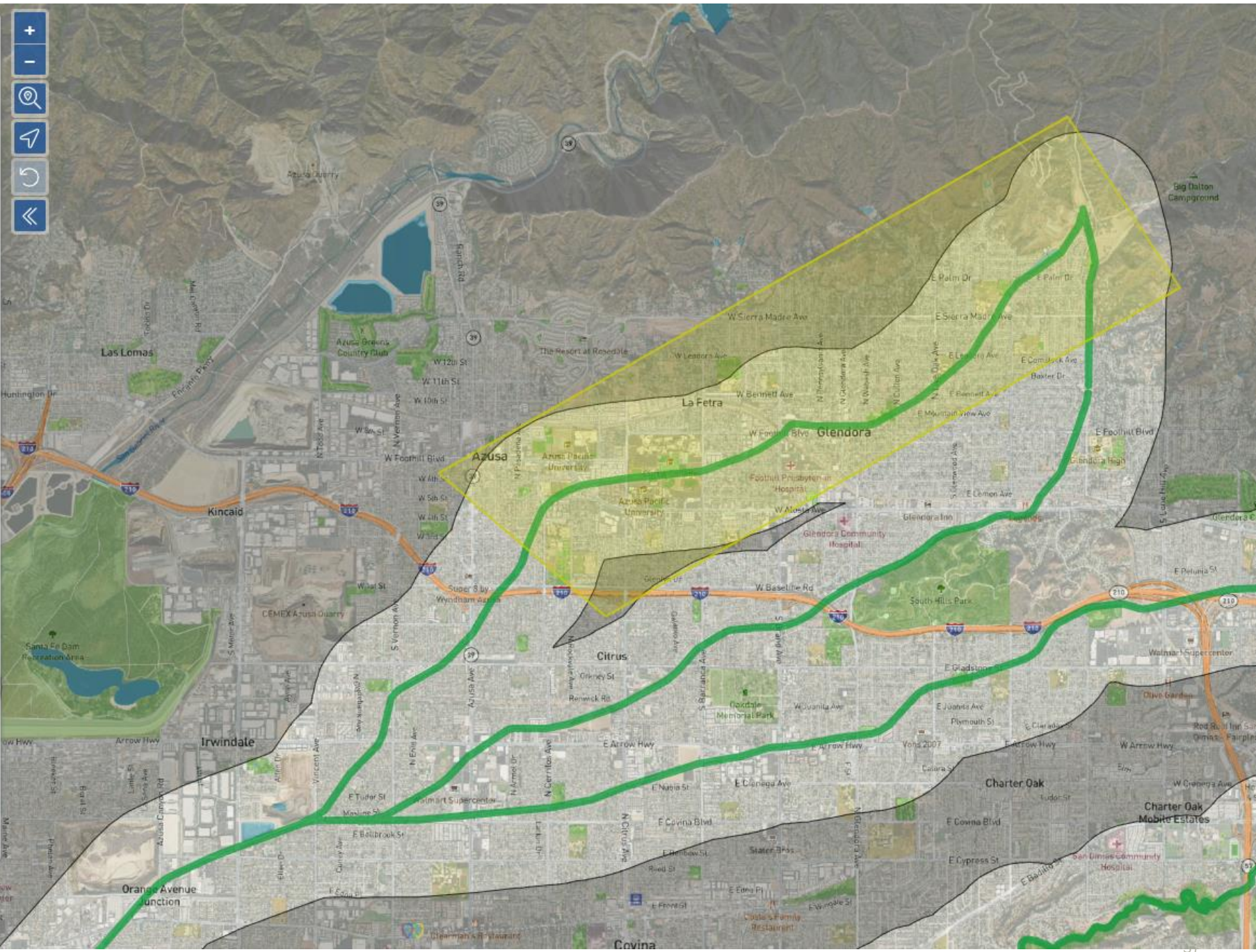
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Note: If you are on a mobile device you may need to select the map between the navigation arrows to find your pin.

Equine 🐾

< >



Exploring the SGV Greenway

What places, if any, along the SGV Greenway concern you?

Concerns



Now that you are more familiar with the SGV Greenway, how likely are you to use it?

3

Very Unlikely

Very Likely



Concerns



What are your specific concerns? Check all that apply.

- ☐ Encampments
- ☐ Flooding
- ☐ Maintenance
- ☐ Privacy
- ☐ Safety
- ☐ Trash
- ☐ Other (please specify below)

If you selected other, what are your concerns?

Delete



Done





Demographics

The following questions are optional, and help us understand who we have reached with these questions.

What is your age group?

- ☐ 17 and younger
- ☐ 18 to 24
- ☐ 25 to 34
- ☐ 35 to 49
- ☐ 50 to 64
- ☐ 65 to 74
- ☐ 75 and over

Please indicate your gender.

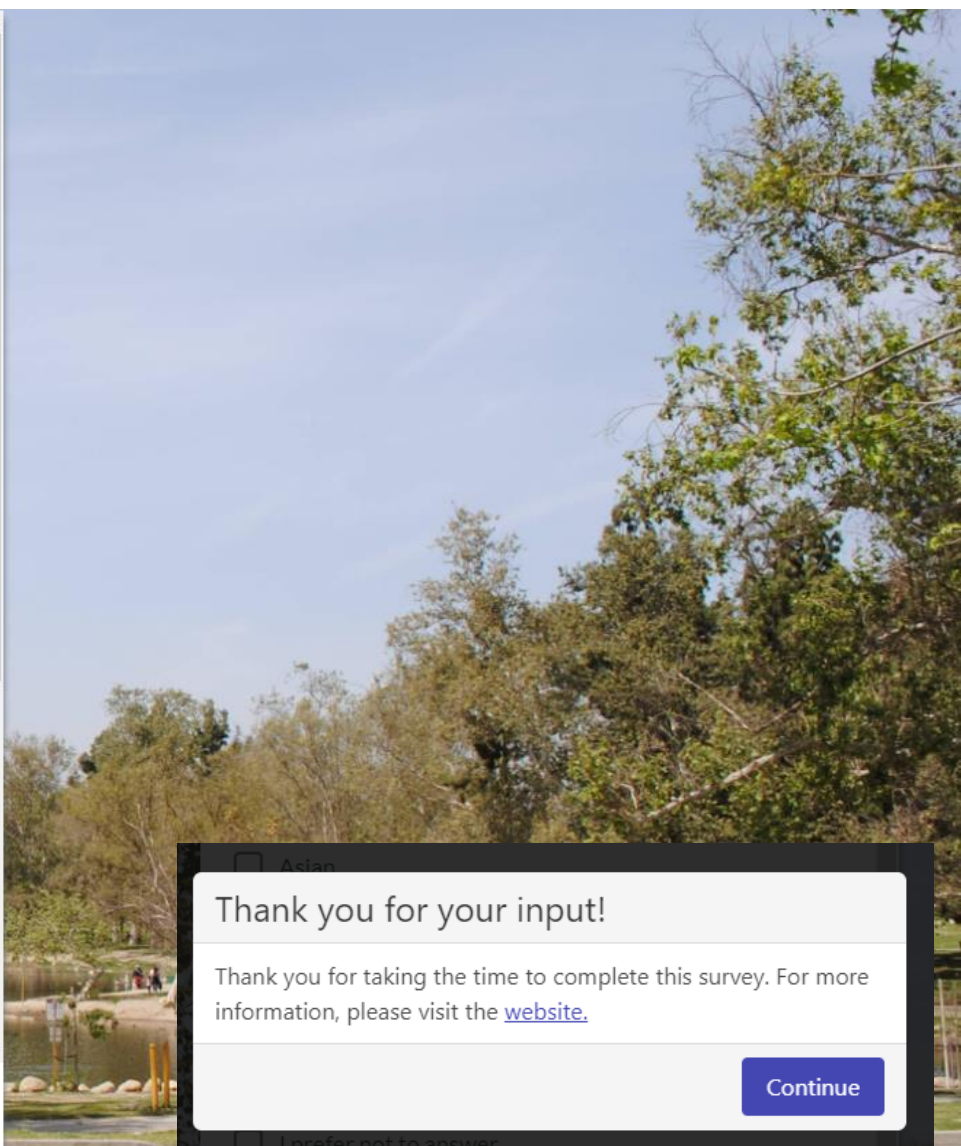
- ☐ Female
- ☐ Male
- ☐ Non-binary
- ☐ I prefer not to answer

If you prefer to self-identify your gender, do so here:

Please indicate your race or ethnicity. (Select all that apply)

- ☐ African American / Black
- ☐ Asian

powered by maptionnaire



Thank you for your input!

Thank you for taking the time to complete this survey. For more information, please visit the [website](#).

Continue

BOS SD 1
BOS SD 4
BOS SD 5
Nature For All
Trust for Public Land

SGVCOG
RMC
Active SGV
SCAG
SGVCC

Discussion – Round Table



Next Steps



Meeting summary to be sent out after the meeting

- Comments due on August 3th

Tentative Next Meeting

- September 8, 2021 2 PM – 5 PM
 - Community Engagement Update
 - Workshop Update
 - Survey Results
 - Opportunity and Alignment Update

