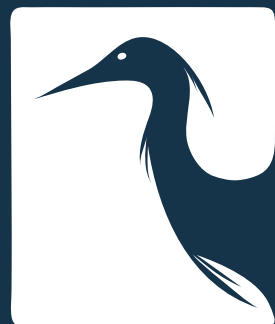


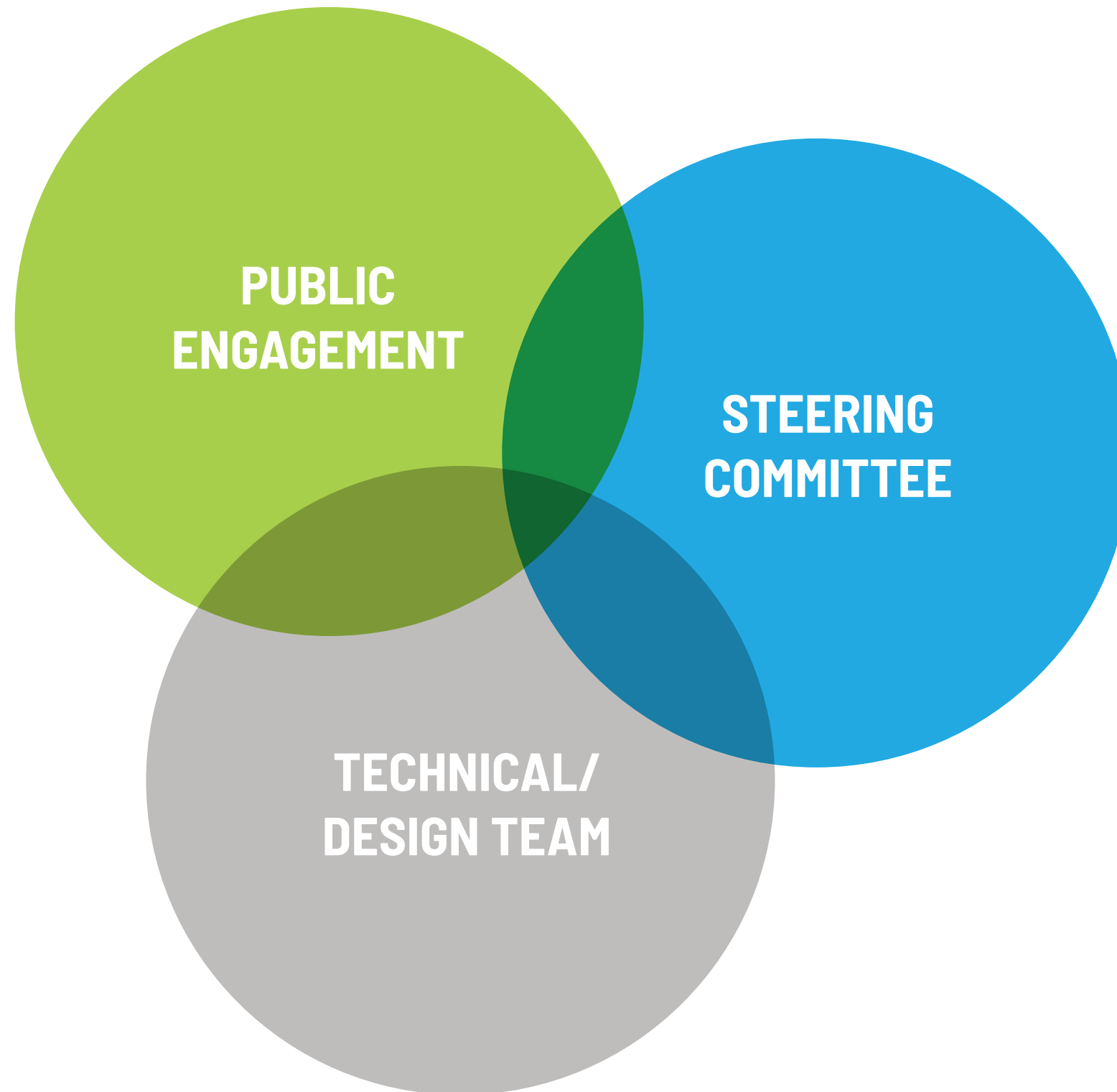
LA RIVER MASTER PLAN

PUBLIC DRAFT BRIEFING

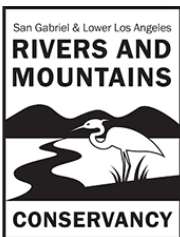


Winter 2021

PLAN INPUT



PLAN DEVELOPMENT



PUBLIC ENGAGEMENT

ENGAGEMENT BY THE NUMBERS

1306 Community Members Attended Meetings in Rounds 1-3

800 Youth Summit Participants

1650 Completed Surveys

5,592 Telephone Town Hall Participants

981,898 Digital Ad Impressions

Source: Community Meetings, Survey



LA RIVER YOUTH SUMMIT
NOVEMBER 2018



LA RIVER NATIVE COMMUNITY DISCUSSION
JUNE 2019

WHERE DO YOU LIVE?

MEETING ATTENDEES & SURVEY RESPONDENTS

- Canoga Park
- Cudahy
- Friendship Auditorium
- Long Beach
- Studio City / North Hollywood
- West Valley
- South Gate
- Compton / E Rancho Dominguez
- Pacoima
- Glendale
- Youth Survey
- Digital Survey Round 1
- Digital Survey Round 2

Source: Community Meetings, Survey, and Youth Summit

VISION

The Reimagined River

The iconic LA River flows through a 51-mile connected public open space that is seamlessly woven together with neighboring communities. It is an integral part of daily life in LA County—a place to enjoy the outdoors and to get across town, a place to appreciate the serene and to bring all people together, a place to celebrate a thriving urban habitat and understand infrastructure, a place to learn from the past and to shape the future.



GOALS

Reduce flood risk and improve resiliency.

Source: Flickr <https://bit.ly/2mmAIGS>, 2016.



Provide equitable, inclusive, and safe parks, open space, and trails.

Source: L.A. County Public Works, 2018.



Support healthy, connected ecosystems.

Source: KCET Departures South L.A. Willow Street, <https://bit.ly/2BmsPT>, 2010.



Enhance opportunities for equitable access to the river corridor.

Source: OLIN, 2018.



Embrace and enhance opportunities for arts and culture.

Source: L.A. County Public Works, 2018.



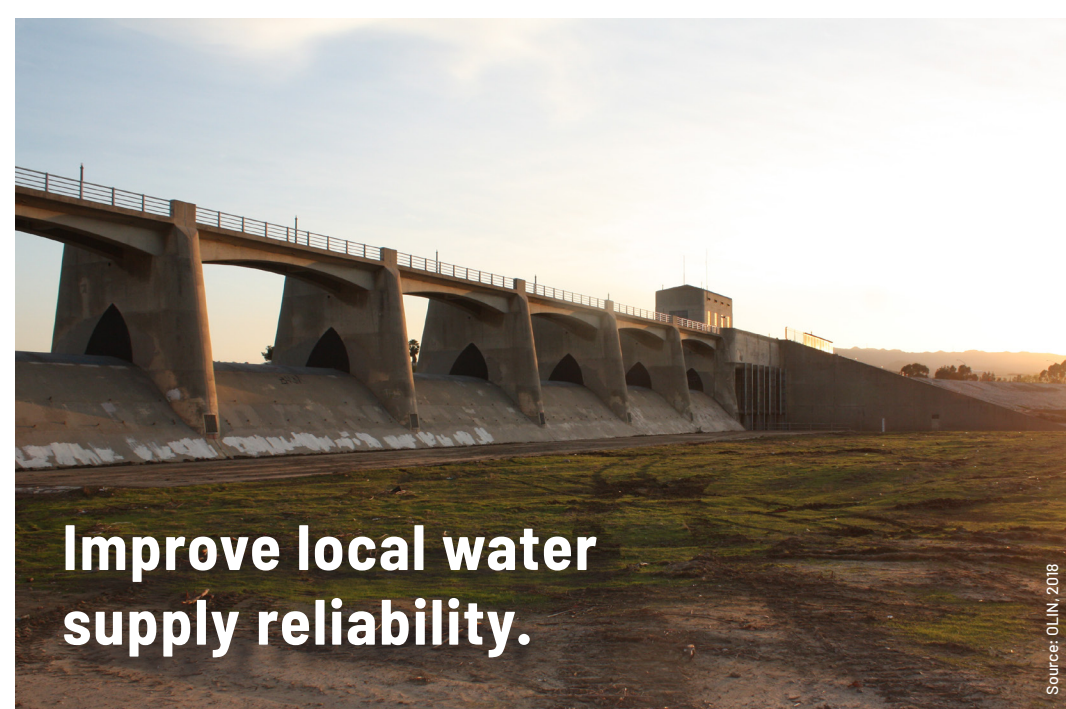
Address potential adverse impacts to housing affordability and people experiencing homelessness.

Source: Flickr <https://bit.ly/2DFtBg>.



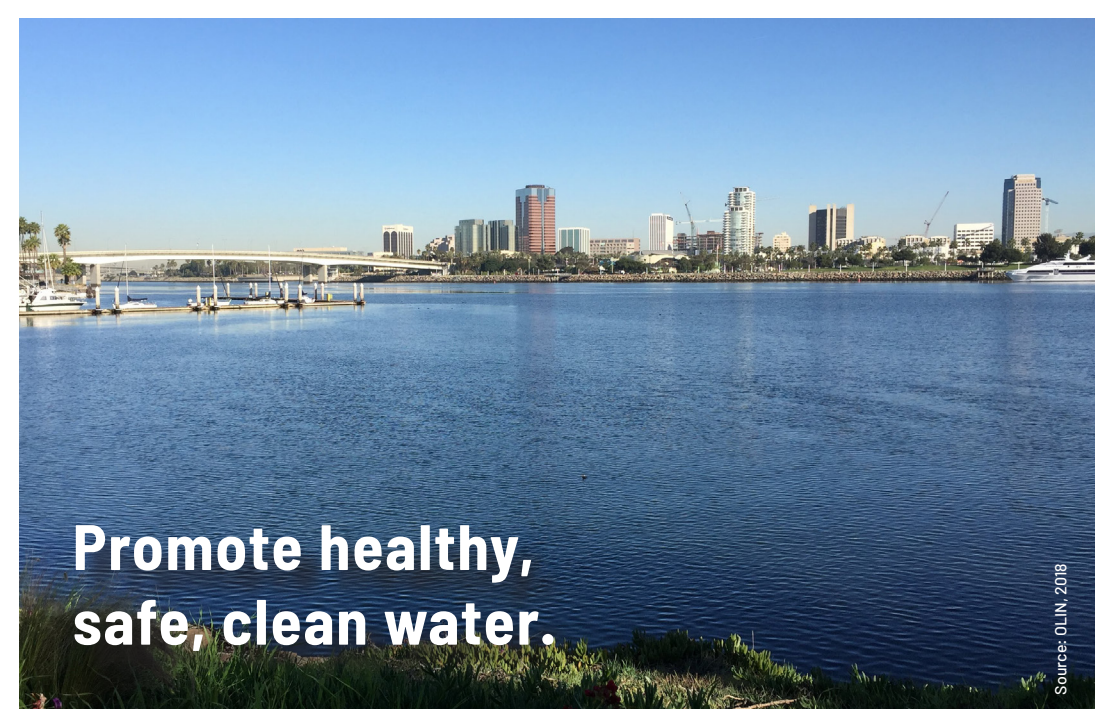
Foster opportunities for continued community engagement, development, and education.

Source: L.A. County Public Works, 2018.



Improve local water supply reliability.

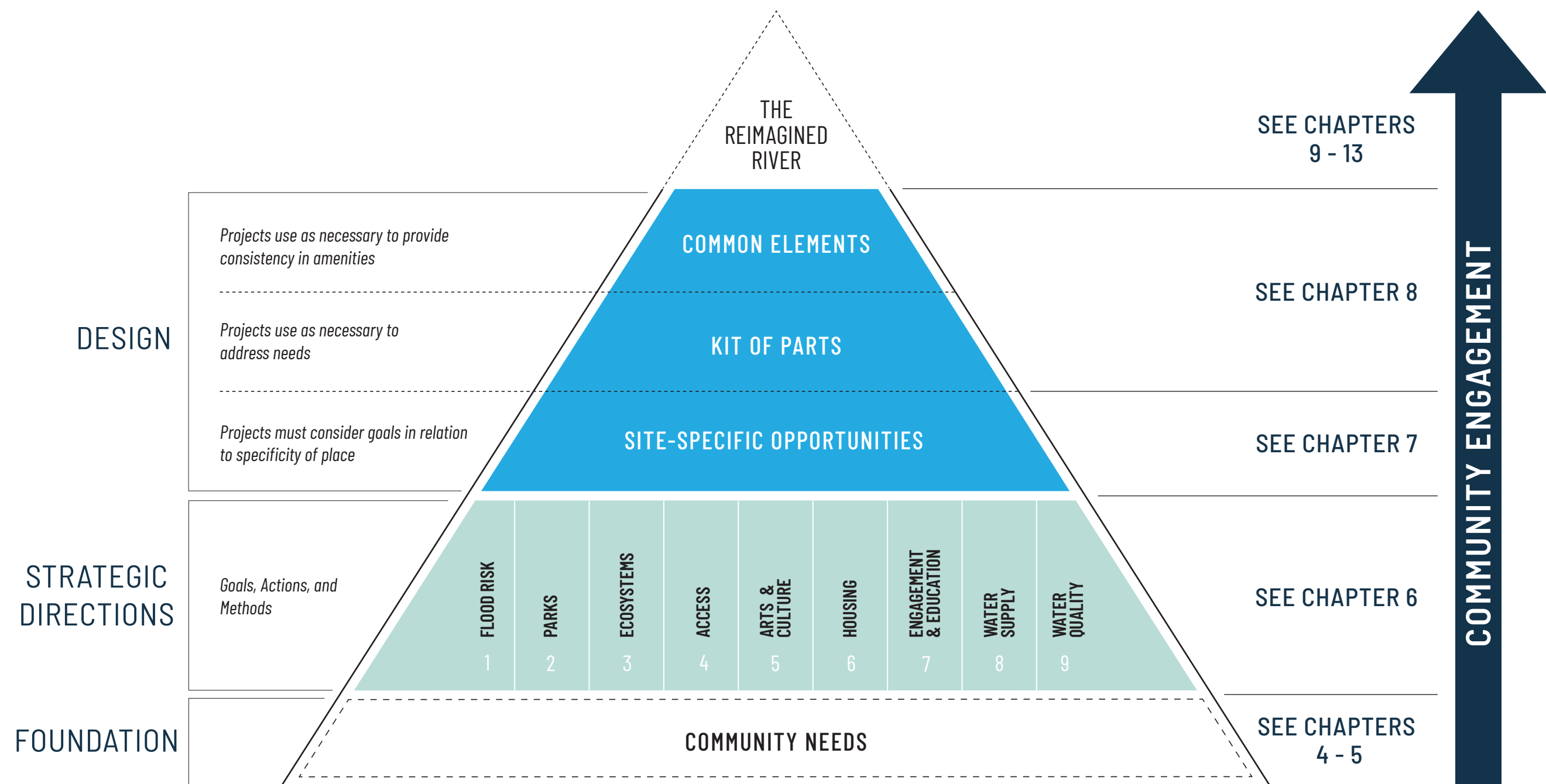
Source: OLIN, 2018.



Promote healthy, safe, clean water.

Source: OLIN, 2018.

PROJECTS SHOULD BUILD UPON THE GOALS USING THE KIT OF PARTS AND COMMON ELEMENTS

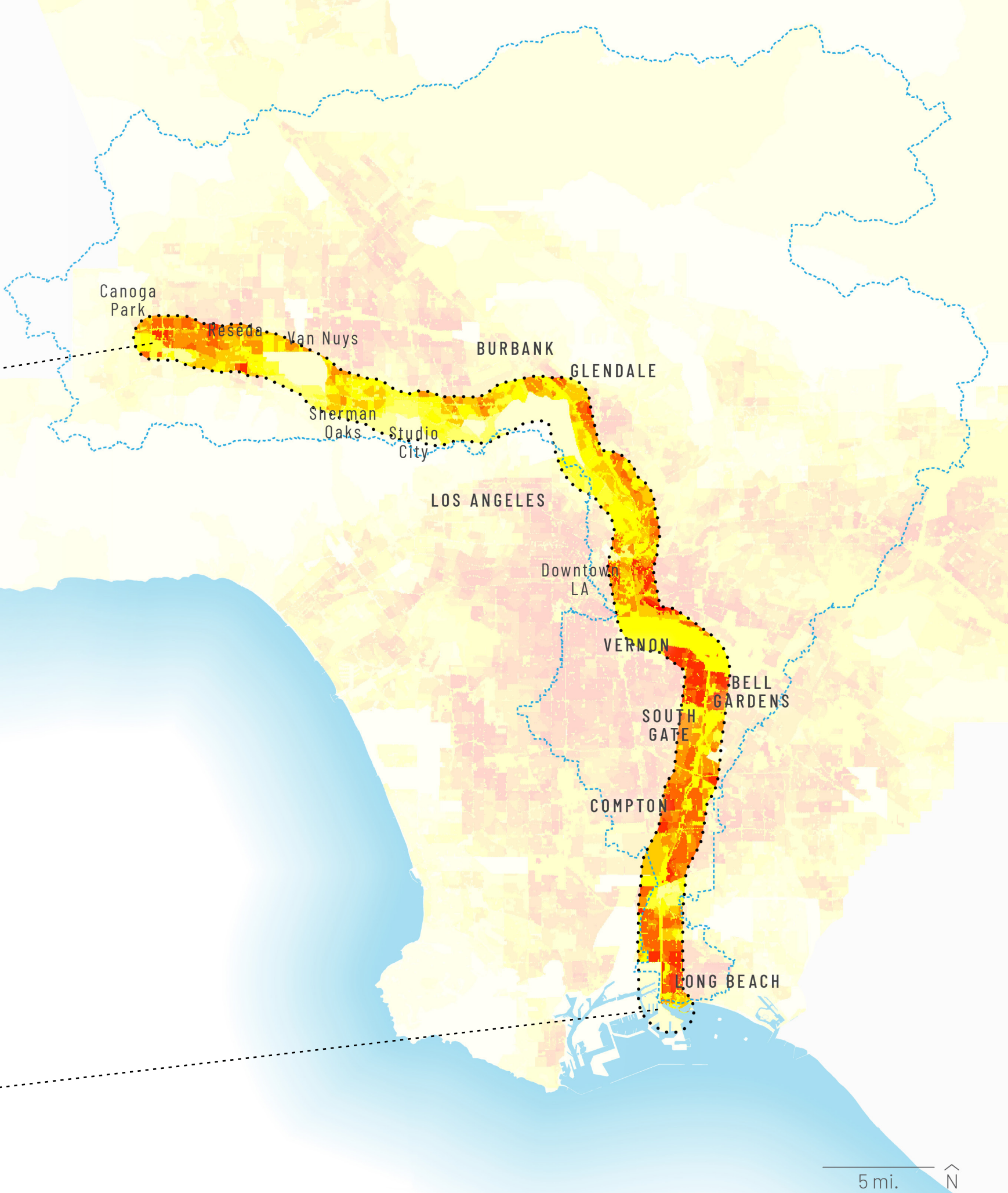


NEEDS ANALYSIS

PARKS

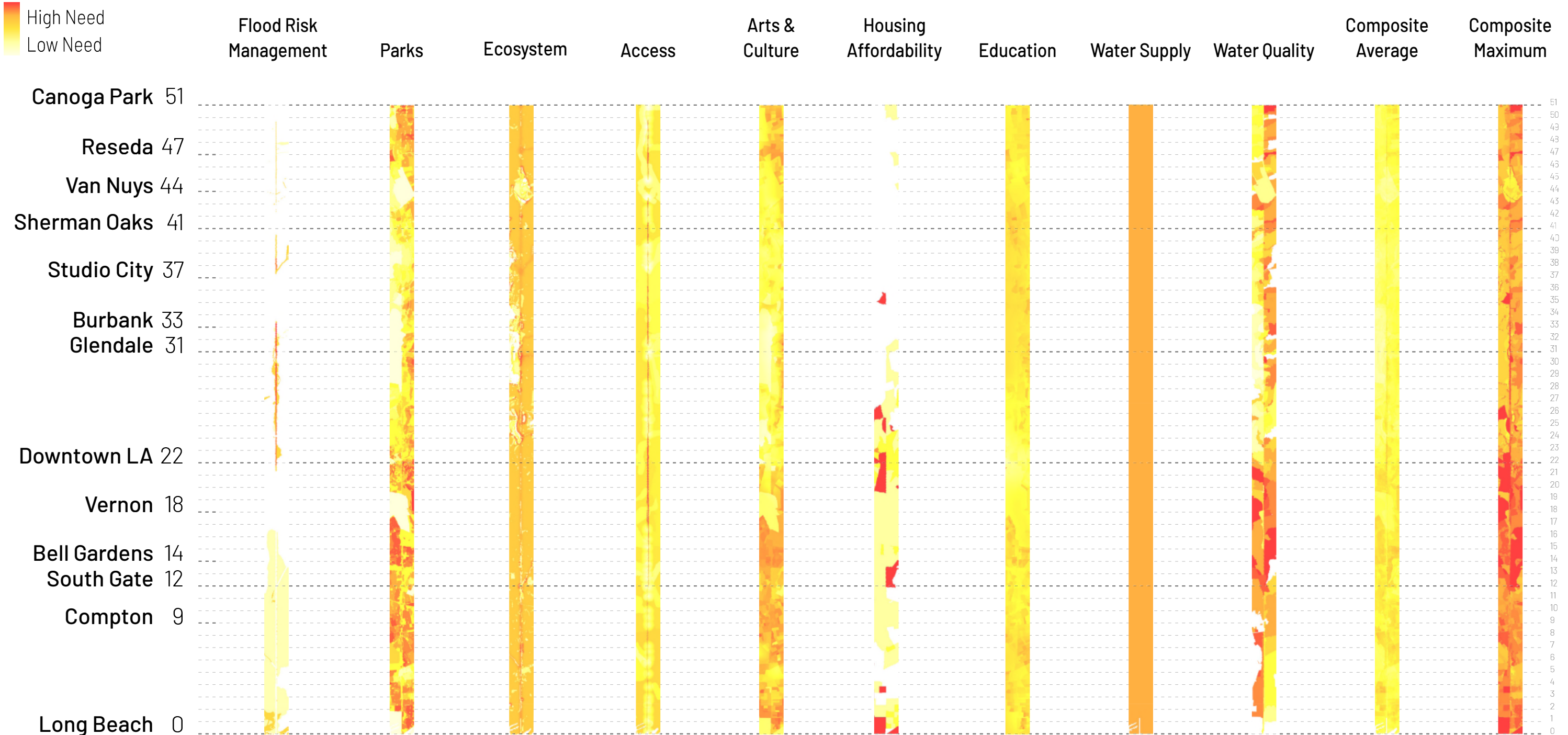
Parks Needs Assessment¹ (50%)
CalEnviroScreen² (50%)

High Need
Low Need



NEEDS ANALYSIS

NEEDS COMPARISON BY GOAL



Source: Geosyntec, OLIN

XS, S, M, L, XL SITE-BASED PROJECTS

43 XS, S NEWLY PROPOSED PROJECTS

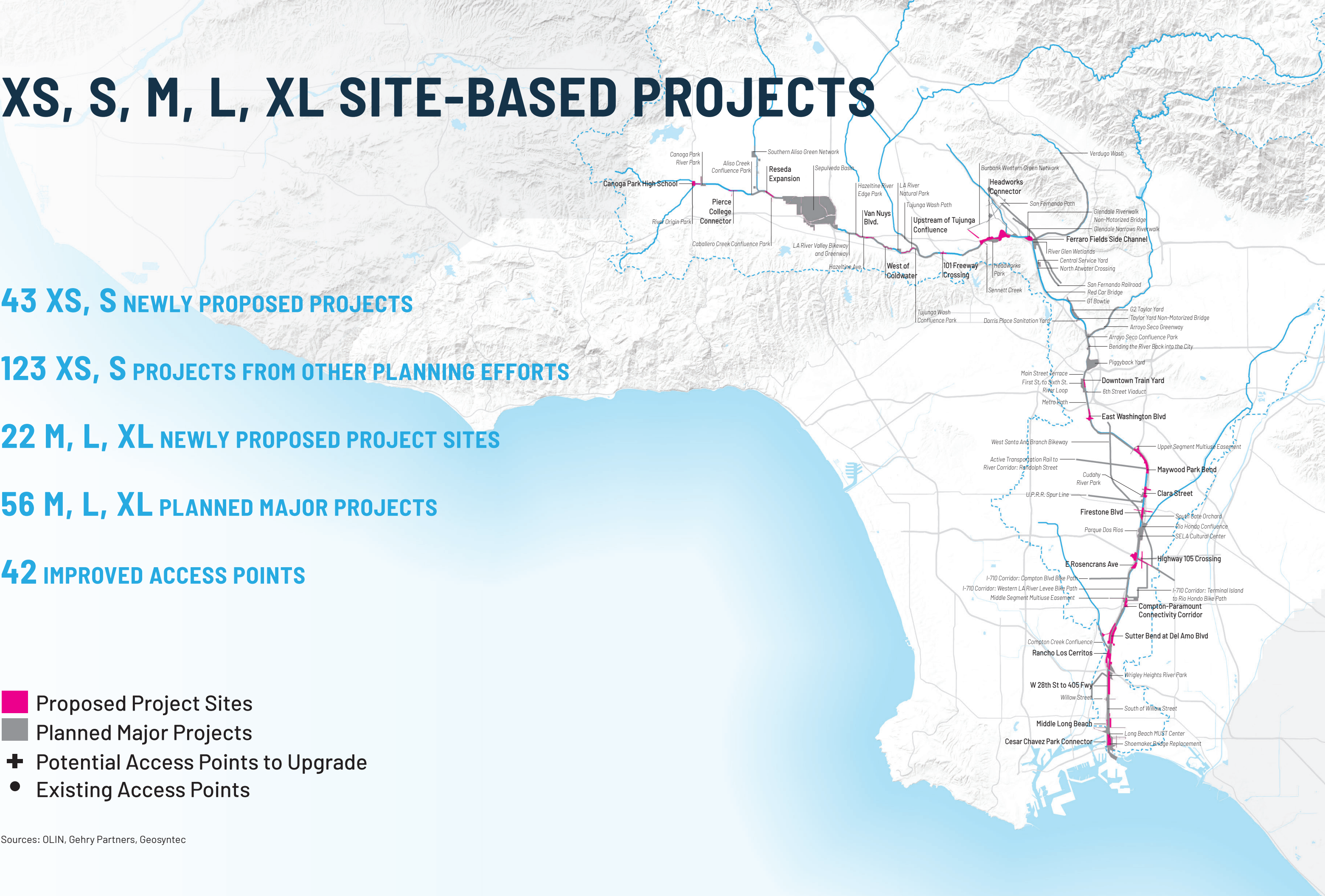
123 XS, S PROJECTS FROM OTHER PLANNING EFFORTS

22 M, L, XL NEWLY PROPOSED PROJECT SITES






56 M, L, XL PLANNED MAJOR PROJECTS

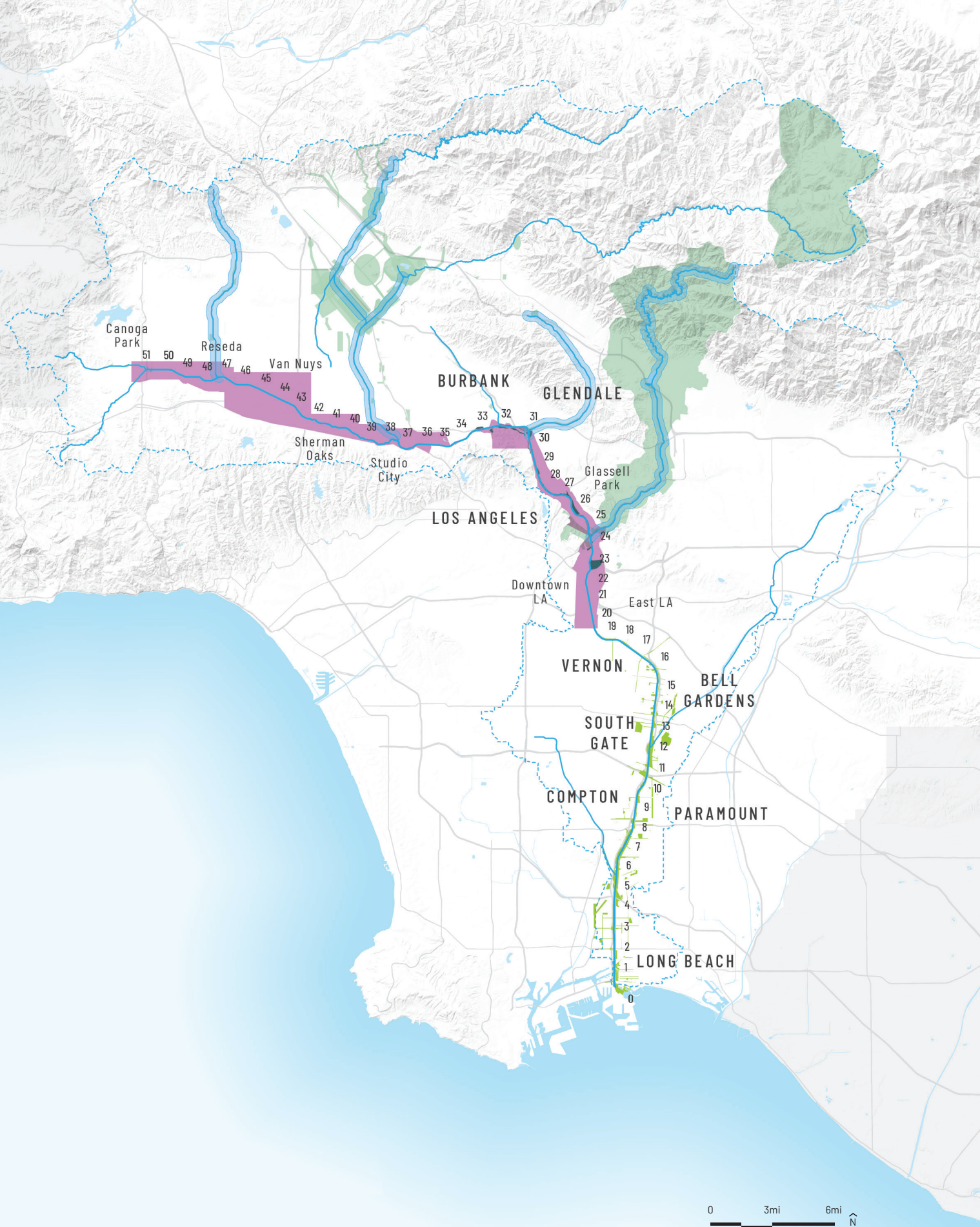
42 IMPROVED ACCESS POINTS

- Proposed Project Sites
- Planned Major Projects
- Potential Access Points to Upgrade
- Existing Access Points

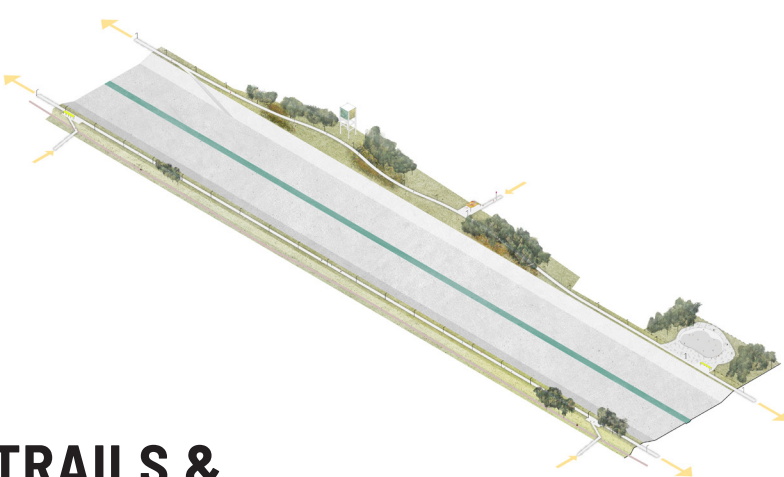


PROJECTS AND OVERLAYS FROM PREVIOUS PLANS

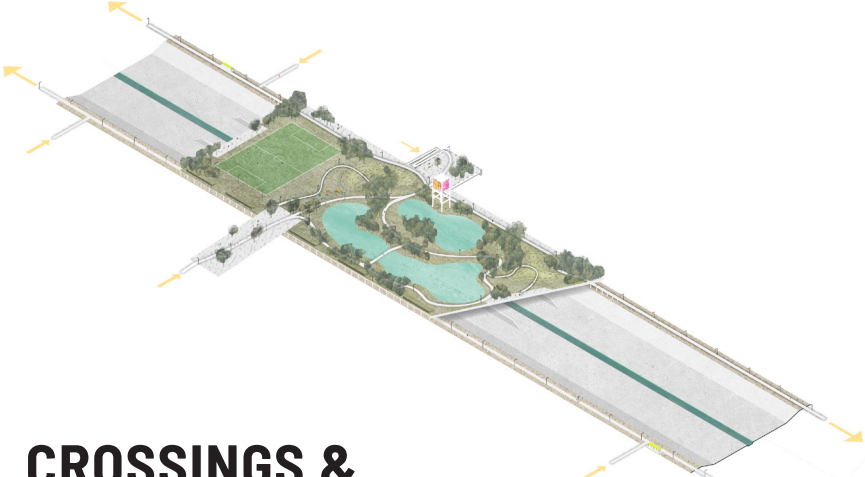
-  RIO Zone (LARRMP)
-  Habitat Restoration Zones (ARBOR Study)
-  Opportunity Zones (LLARRP)
-  Opportunity Areas (ULART)
-  Tributaries Studied (ULART)



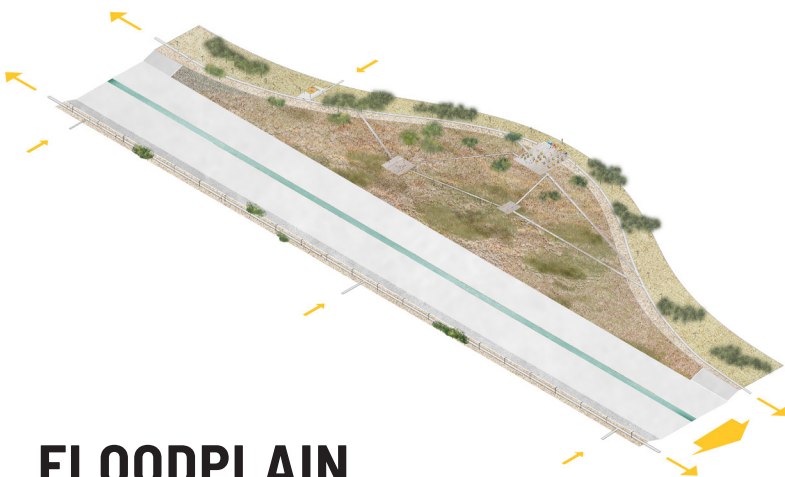
KIT OF PARTS: CATEGORIES



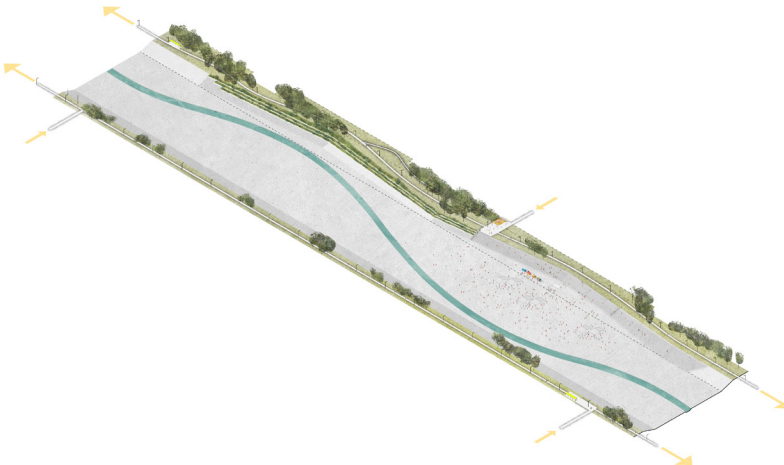
**TRAILS &
ACCESS GATEWAYS**



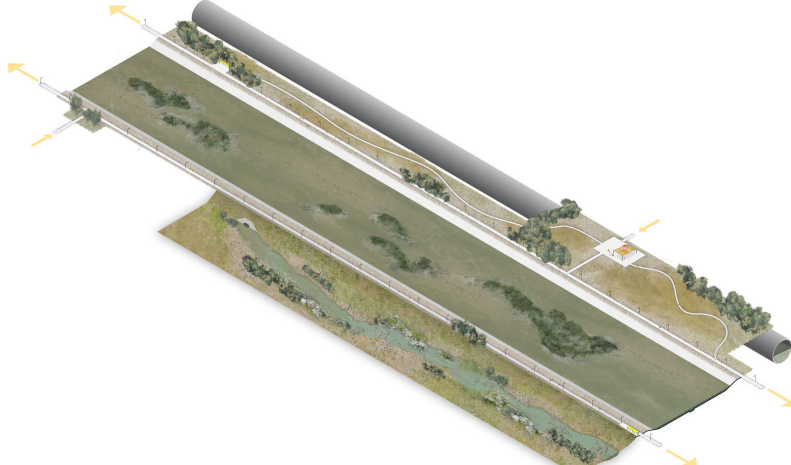
**CROSSINGS &
PLATFORMS**



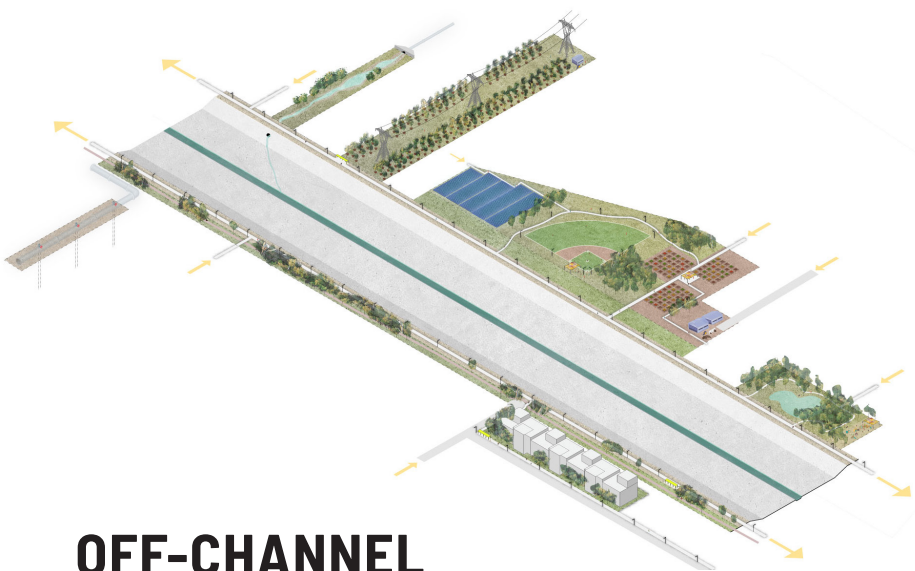
**FLOODPLAIN
RECLAMATION**



**CHANNEL
MODIFICATIONS**



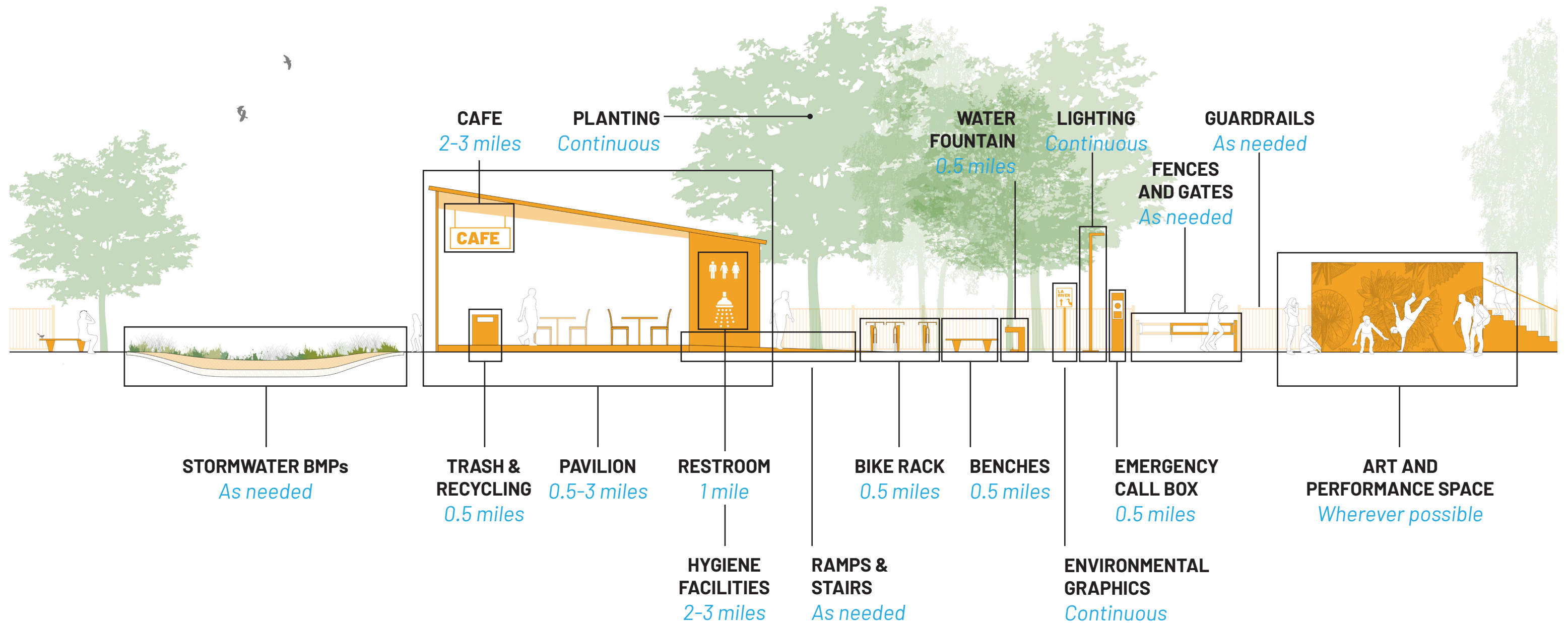
DIVERSIONS



**OFF-CHANNEL
LAND ASSETS**

INVENTORY OF REPEATED COMMON ELEMENTS

Developed Under Design Guidelines



PROJECT EXAMPLES

SHADE PAVILION (TIER I): RM 14.7



PROJECT EXAMPLES

RM 8.1: CONNECTIVITY CORRIDOR



IMPLEMENTATION
ACTIONS

LEAD
COUNTY
DEPARTMENT

PARTNERS

FUNDING

1. REDUCE FLOOD RISK AND IMPROVE RESILIENCY.

Action/Methods				Related Actions/Methods
1.1. Maintain existing flood carrying capacity of all reaches of the LA River channel.				
Implementation Lead	Potential Partners	Geographic Boundaries	Potential Funding Sources	
PW/FCD	USACE, FEMA	LA River Corridor + Surroundings	FCD	
1.1.1. Review new projects within and along the LA River to ensure that flood risk is not increased.				
1.1.2. Review new projects with in-channel components to ensure the flood carrying capacity of the river is not reduced.				
1.2. Increase capacity of the river in high risk areas to provide flood risk reduction to at least the 1% (100-year) annual chance flood event or to a level recommended by a risk assessment.				
Implementation Lead	Potential Partners	Geographic Boundaries	Potential Funding Sources	
PW/FCD	USACE, FEMA	LA River Corridor + Surroundings	Potential Funding Sources: Proposed State Climate Resilience Bond 2020, Congressionally authorized studies and projects through USACE Civil Works Authority, USACE Continuing Authorities Program (Up to \$10M)	
1.2.1. Implement capacity increasing measures as appropriate, such as modifying the channel, deepening the channel, raising levees, building bypass channels or tunnels, removing invasive plants, or removing sediment from the channel.				8.1., 9.3.5.
1.2.2. Manage sediment and invasive plants using best practices before they accumulate in the river channel.				
1.2.3. Manage dry-weather flows to discourage the growth of invasive and non-native vegetation within the flood channel.				
1.2.4. Retrofit infrastructure and other obstructions, such as bridges, to remove hydraulic constrictions.				1.2.6., 1.2.7., 1.3.2., 1.7.2., 3.2.5.
1.2.5. Prioritize natural features and processes for flood risk reduction.				1.2.5., 1.2.7., 1.3.2., 1.7.2., 3.2.5.
1.3. Reduce peak flood flows into the river.				
Implementation Lead	Potential Partners	Geographic Boundaries	Potential Funding Sources	
PW/FCD	Municipalities, Entities with Stormwater Responsibilities (e.g., Caltrans, Metro, industrial facilities)	LA River Watershed	Congressionally authorized studies and projects through USACE Civil Works Authority, FEMA Pre-Disaster Mitigation Grants	
1.3.1. Evaluate regional scale upstream dams and detention basins for opportunities to reduce flood risk downstream.				
1.3.2. Increase capacity of existing dams and detention basins through measures such as clearing debris, deepening basins, increasing dam and levee heights, and improving real-time controls.				1.2.5., 1.2.6., 1.2.7., 1.7.2., 3.2.5.
1.4. Include climate change research in the planning process for new projects along the river.				
Implementation Lead	Potential Partners	Geographic Boundaries	Potential Funding Sources	
PW/FCD	CSO, Academia	LA River Watershed	Proposed State Climate Resilience Bond 2020	
1.4.1. Conduct an inter-institutional study on climate change impacts in the LA Basin and how they impact hydrology and sea level rise.				8.3.1.
1.4.2. Apply the latest accepted climate change prediction models in flood risk reduction planning.				8.3.2.
1.5. Update and improve emergency preparedness.				
Implementation Lead	Potential Partners	Geographic Boundaries	Potential Funding Sources	
PW/FCD	USACE, LADWP, CSO, OEM, Sheriff, Fire Department, Health Agency, Municipal Emergency Services	LA River Corridor + Surroundings	Proposed State Climate Resilience Bond 2020, USACE Emergency Preparedness, Response, and Recovery Program (Public Law 84-99), FEMA Pre-Disaster Mitigation Grants, NOAA Advanced Hydrologic Prediction Services, NOAA Coastal Resilience Grants	
1.5.1. Evaluate, update, or develop appropriate Emergency Action Plans that cover specific areas of the river where needed, including the dams and levees along the mainstem and the tributaries.				
1.5.2. Conduct emergency preparedness exercises that test Emergency Action Plans.				
1.5.3. Improve flood forecasting capabilities and monitoring for the river corridor.				
1.5.4. Update and improve flood inundation maps.				

Action/Methods				Related Actions/Methods
1.5.5.	Develop appropriate warning systems such as sirens, lights, or geo-targeted text message alerts to inform users of impending rain or rising water.			
1.5.6.	Evaluate critical infrastructure and facilities located in the floodplain, and encourage the use of best practices to reduce vulnerability to flood hazards.			
1.5.7.	Review and revise policies regarding closing the river trail during storms.			
1.5.8.	Assist emergency managers, local law enforcement, and emergency responders in developing emergency response and evacuation plans for river adjacent communities, river users, and special needs populations.			1.6., 2.7.1.
1.6. Increase public awareness of flood hazards and river safety.				9.3.6.
Implementation Lead	Potential Partners	Geographic Boundaries	Potential Funding Sources	
PW/FCD	USACE	LA County	USACE Floodplain Management Services Program, FEMA Pre-Disaster Mitigation Grants	
1.6.1.	Develop a website to assist in educating other agencies, cities, and the general public on river issues, including flood risk management and dangers posed by the river during heavy rainfall events.			2.4.1., 2.5.1., 2.5.2., 3.4., 4.2.4., 6.6.2., 8.1.3.
1.6.2.	Post consistent signage and communication about flood risk and river safety on bridges and access points.			2.7.1.
1.6.3.	Develop and implement an educational program on flood and river safety.			2.2.4., 7.2.
1.6.4.	Encourage river adjacent residents and businesses to develop tailored emergency and evacuation plans.			
1.6.5.	Encourage residents and businesses in the 1% (100-year) floodplain to consider purchasing flood insurance, and provide them with information on flood risk, available resources, and flood insurance.			
1.6.6.	Ensure public awareness campaigns include translation to languages spoken in local communities and are coordinated with a network of local leaders that can help lead different groups based on culture, age, and other community factors.			
1.7. Improve flood facility operations and maintenance.				
Implementation Lead	Potential Partners	Geographic Boundaries	Potential Funding Sources	
PW/FCD	USACE	LA County	USACE Continuing Authorities Program (Up to \$10M)	
1.7.1.	Expand coordination between responsible flood management agencies including the US Army Corps of Engineers and the LA County Flood Control District and consolidate responsibilities under the LA County Flood Control District through divestiture to streamline operations and maintenance, facility management, funding, and permitting.			
1.7.2.	Manage sediment and invasive vegetation in the river channel using best management practices.			1.2.5., 1.2.6., 1.2.7., 1.3.2., 3.2.5.
1.7.3.	Implement new technologies such as real-time monitoring, reporting, and controls.			
1.7.4.	Update the flood risk and pumping plant telemetry systems.			
1.7.5.	Update and improve the mapping of the watershed's storm drains, channels, access, and jurisdictional ownership.			
1.7.6.	Continue to implement, review, and improve dam and levee safety programs that ensure the flood management infrastructure delivers intended benefits while reducing risks to people, property, and the environment through continuous assessment, communication, and management.			
1.8. Implement consistent floodplain management practices across the region.				
Implementation Lead	Potential Partners	Geographic Boundaries	Potential Funding Sources	
PW/FCD	DRP, Municipalities, FEMA, CSO	LA County	USACE Floodplain Management Services Program, NOAA Coastal Resilience Grants	
1.8.1.	Update and improve hydrologic data and models for the LA River watershed.			
1.8.2.	Update and improve flood inundation mapping, and consider local assessments for flood risk.			
1.8.3.	Manage floodplain development and support community activities in coordination with the National Flood Insurance Program (NFIP).			
1.8.4.	Support communities in maintaining and improving their Community Rating System scores.			
1.8.5.	Work to ensure the levees along the LA River are certified by FEMA.			
1.8.6.	Encourage flood resilient projects in the 1% (100-year) floodplain.			
1.8.7.	Encourage and prioritize resilient retrofits of existing structures in the 1% (100-year) and 0.2% (500-year) floodplains.			

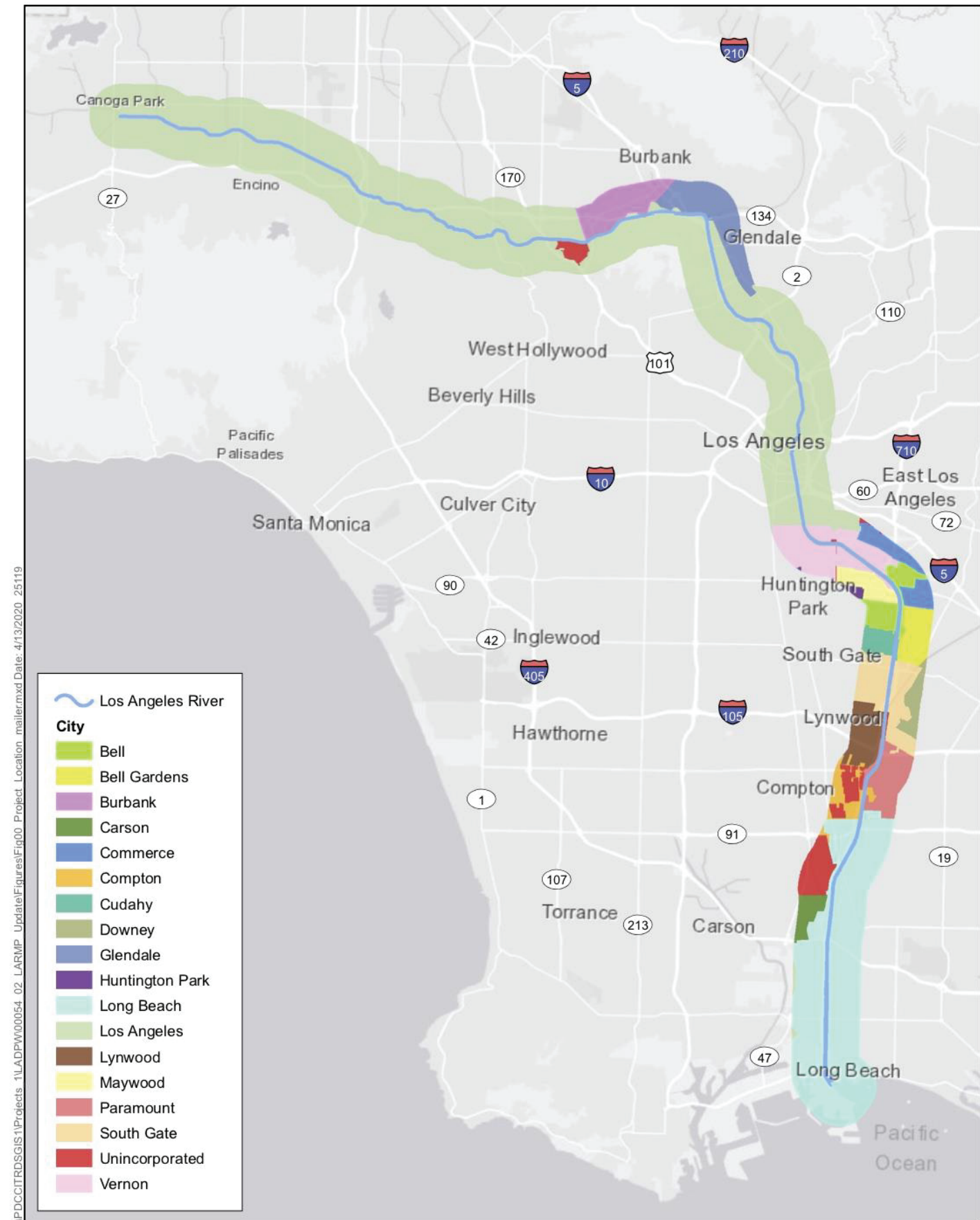
PROGRAM EIR

Program Level Analysis

- No project-specific analysis
- No site-specific analysis

PEIR Evaluates

- Two Typical Projects
 - Common Elements Typical Project
 - Multi-use Trails and Access Gateways Typical Project
- High-level evaluation of Kit of Parts
- Approximately 111 Projects over the 25-years



REVIEW PROCESS

CEQA UPDATE

- PUBLIC WORKS IS PREPARING A PROGRAMMATIC ENVIRONMENTAL IMPACT REPORT (PEIR)
 - SCOPING PERIOD – SUMMER 2020
 - DRAFT RELEASED ON FEBRUARY 1, 2021, FOR PUBLIC REVIEW
 - REVIEW PERIOD – CLOSING MAY 13, 2021
 - PUBLIC MEETING – MARCH 3, 2021 6-8PM
 - VISIT [HTTPS://PW.LACOUNTY.GOV/GO/LARMPCEQA](https://pw.lacounty.gov/go/larmpceqa) FOR MORE INFORMATION

LA RIVER MASTER PLAN
PUBLIC DRAFT

WHAT'S IN EACH LA RIVER MASTER PLAN DOCUMENT?

I'M CURIOUS ABOUT THE LA RIVER MASTER PLAN!
To learn more about the vision, goals, analysis, implementation, and community engagement for the LA River Master Plan...

CHECK OUT THE DRAFT MAIN PLANNING DOCUMENT
WWW.LARIVERMASTERPLAN.ORG/LARMP_DOCUMENT

2020 See how permits and technical requirements work along the river.
Appendix Volume I: Design Guidelines

See the background data related to the plan.
Appendix Volume II: Technical Backup Document

I WANT TO KNOW ABOUT THE ENVIRONMENTAL IMPACTS OF THE PROPOSED MASTER PLAN!
To read a program-level environmental analysis...

CHECK OUT THE DRAFT PROGRAMMATIC ENVIRONMENTAL IMPACT REPORT (PEIR)
[HTTPS://PW.LACOUNTY.GOV/GO/LARMPCEQA](https://pw.lacounty.gov/go/larmpceqa)

CEQA
THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

I ONLY HAVE A FEW MINUTES. HOW CAN I LEARN MORE?

WATCH A SHORT ANIMATION ABOUT THE LA RIVER MASTER PLAN
WWW.LARIVERMASTERPLAN.ORG/HOW_TO_LARMP

CHECK OUT THE AT A GLANCE BROCHURE
WWW.LARIVERMASTERPLAN.ORG/#REVIEW_THE_PLAN

KIDS CAN PARTICIPATE!

COMPLETE THE LA RIVER MASTER PLAN ACTIVITY BOOK
WWW.LARIVERMASTERPLAN.ORG/#REVIEW_THE_PLAN

HAVE COMMENTS FOR US? PLEASE REFER TO OUR WEBSITES FOR INSTRUCTIONS ON HOW TO SUBMIT COMMENTS.

DRAFT MAIN PLANNING DOCUMENT
(BY MARCH 15, 2021)
WWW.LARIVERMASTERPLAN.ORG

DRAFT PEIR
(BY MARCH 18, 2021)
[HTTPS://PW.LACOUNTY.GOV/GO/LARMPCEQA](https://pw.lacounty.gov/go/larmpceqa)

**HAVE COMMENTS FOR US?
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INSTRUCTIONS ON HOW TO SUBMIT COMMENTS.**

**DRAFT MAIN PLANNING DOCUMENT
(BY MAY 13, 2021)
WWW.LARIVERMASTERPLAN.ORG**

**DRAFT PEIR
(BY MAY 13, 2021)
[HTTPS://PW.LACOUNTY.GOV/GO/LARMPCQA](https://pw.lacounty.gov/go/larmpceqa)**
