LOS ANGELES RIVER

Master Plan Update

Steering Committee Meeting #1

11 April 2018

KICK OFF

WELCOME

MEETING PURPOSE AND AGENDA

PURPOSE OF TODAY'S MEETING

1

INTRODUCTIONS

2

STEERING COMMITTEE ROLES + PROTOCOLS

3

PROJECT ORIENTATION

4

INITIAL VISION QUESTION

MEETING AGENDA

KICK OFF	INTROS	PROTOCOLS	PROJECT FRAMEWORK	WORK SESSION	PUBLIC COMMENT	WRAP UP
• Welcome • Meeting Purpose and Agenda	• Introduction to Public Works Team and Consultant Team • Roundtable Introductions	• Steering Committee Protocols and Operating Procedures • Q&A/Discussion	• Hydrology and History of the Los Angeles River • Overview of Los Angeles River Master Plan Update Project • Plan Priorities • Q&A/Discussion	• Subcommittee Sign-Ups • Initial Vision Question	• Verbal Comments • Comment Cards • Email Comments to LARiver@dpw.lacounty.gov	• Upcoming Steering Committee Dates • Project Outlook • Upcoming Community Outreach Activities • Input, Questions, Ideas?

INTRODUCTIONS

INITIAL VISION QUESTION

What about the Master Plan Update interests you?

PROTOCOLS

PROTOCOLS AND OPERATING PRINCIPLES

- **Introduction**

PROTOCOLS AND OPERATING PRINCIPLES

- Introduction
- **Steering Committee role and charge in Master Plan Update**

PROTOCOLS AND OPERATING PRINCIPLES

Role of the Steering Committee

- The Steering Committee's charge is to play an essential role in helping to guide the Master Plan Update by providing input, ideas, comments, and feedback throughout the planning process, incorporating members' expertise, knowledge, and resources.
- The consultant team and Department of Public Works will consider the Steering Committee input when preparing the updated Master Plan, along with input from the broader community and stakeholder involvement process, technical and regulatory requirements, and other County needs and goals.
- Adoption authority for the updated Master Plan is held by the County of Los Angeles Board of Supervisors, based on the recommendation of the Department of Public Works.

PROTOCOLS AND OPERATING PRINCIPLES

As part of accomplishing the charge, the Steering Committee members commit to:

- Contribute input based on knowledge and expertise in policy, technical, and community matters, while also considering planning considerations from a holistic River-wide perspective, seeking opportunities for a unified vision, continuity, balanced with recognition of the diversity in goals and needs in River communities.
- Partner with the project team in publicizing community engagement activities and generating involvement that represents the range and diversity of communities in the 51-mile Los Angeles River corridor, and attend community engagement activities on a regular basis.
- Consider community input and input from other stakeholders in Steering Committee meeting discussions.
- Participate in-person in all meetings, or send an alternate, for the entire two-year planning process.
- Review reference materials in advance of Steering Committee meetings.

PROTOCOLS AND OPERATING PRINCIPLES

- Introduction
- Steering Committee role and charge in Master Plan Update
- **Participation and collaboration principles**

PROTOCOLS AND OPERATING PRINCIPLES

- Introduction
- Steering Committee role and charge in Master Plan Update
- Participation and collaboration principles
- **Steering Committee composition**

PROTOCOLS AND OPERATING PRINCIPLES

- Introduction
- Steering Committee role and charge in Master Plan Update
- Participation and collaboration principles
- Steering Committee composition
- **Primary members and alternates**

PROTOCOLS AND OPERATING PRINCIPLES

- Introduction
- Steering Committee role and charge in Master Plan Update
- Participation and collaboration principles
- Steering Committee composition
- Primary members and alternates
- **Meeting logistics and communications**

PROTOCOLS AND OPERATING PRINCIPLES

- Introduction
- Steering Committee role and charge in Master Plan Update
- Participation and collaboration principles
- Steering Committee composition
- Primary members and alternates
- Meeting logistics and communications
- **Member-to-member communications**

PROTOCOLS AND OPERATING PRINCIPLES

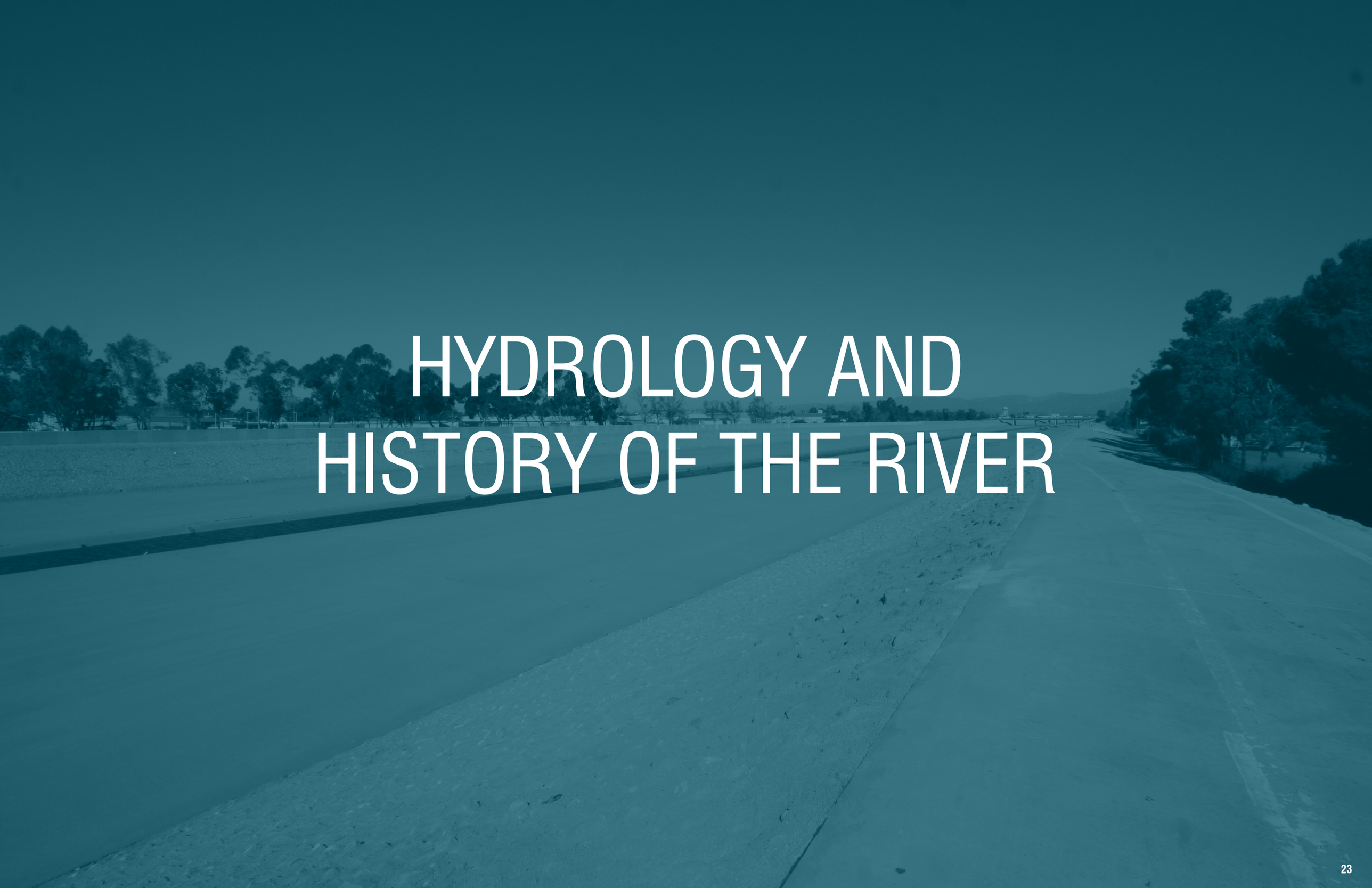
- Introduction
- Steering Committee role and charge in Master Plan Update
- Participation and collaboration principles
- Steering Committee composition
- Primary members and alternates
- Meeting logistics and communications
- Member-to-member communications
- **Media interaction**

PROTOCOLS AND OPERATING PRINCIPLES

- Introduction
- Steering Committee role and charge in Master Plan Update
- Participation and collaboration principles
- Steering Committee composition
- Primary members and alternates
- Meeting logistics and communications
- Member-to-member communications
- Media interaction
- **Point of contact for Steering Committee members**

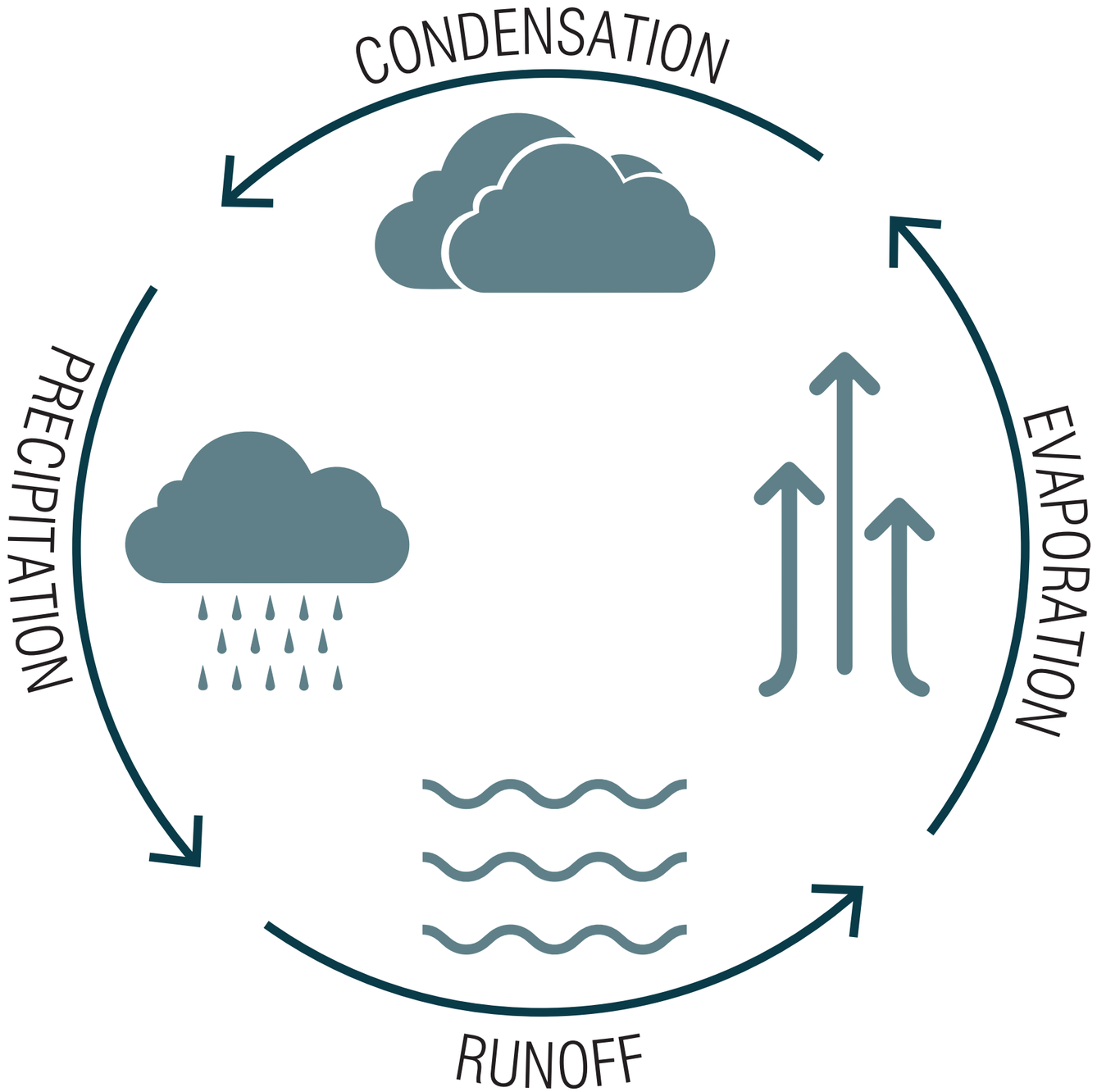
Q & A and DISCUSSION

PROJECT FRAMEWORK

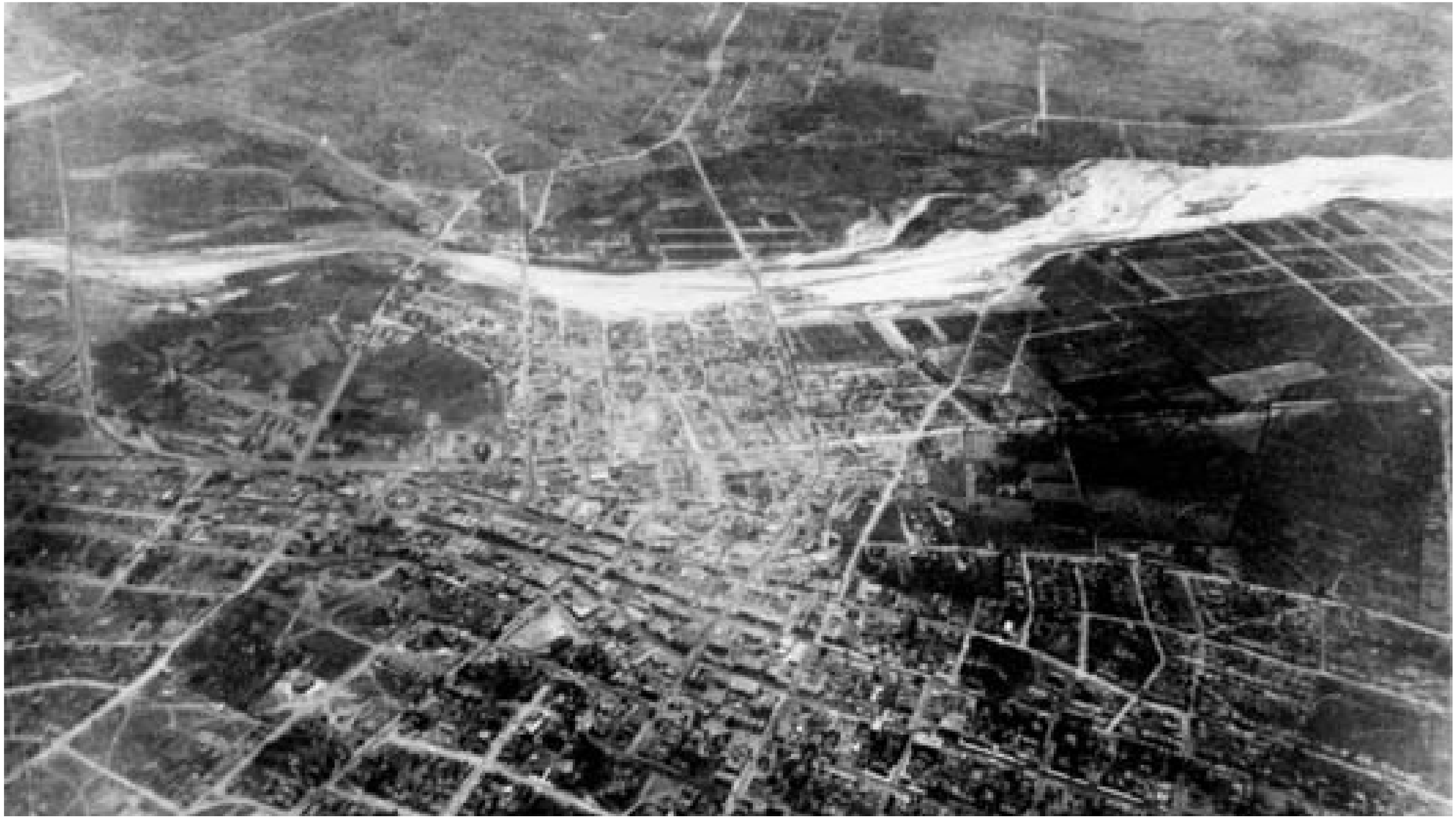


HYDROLOGY AND HISTORY OF THE RIVER

THE WATER CYCLE



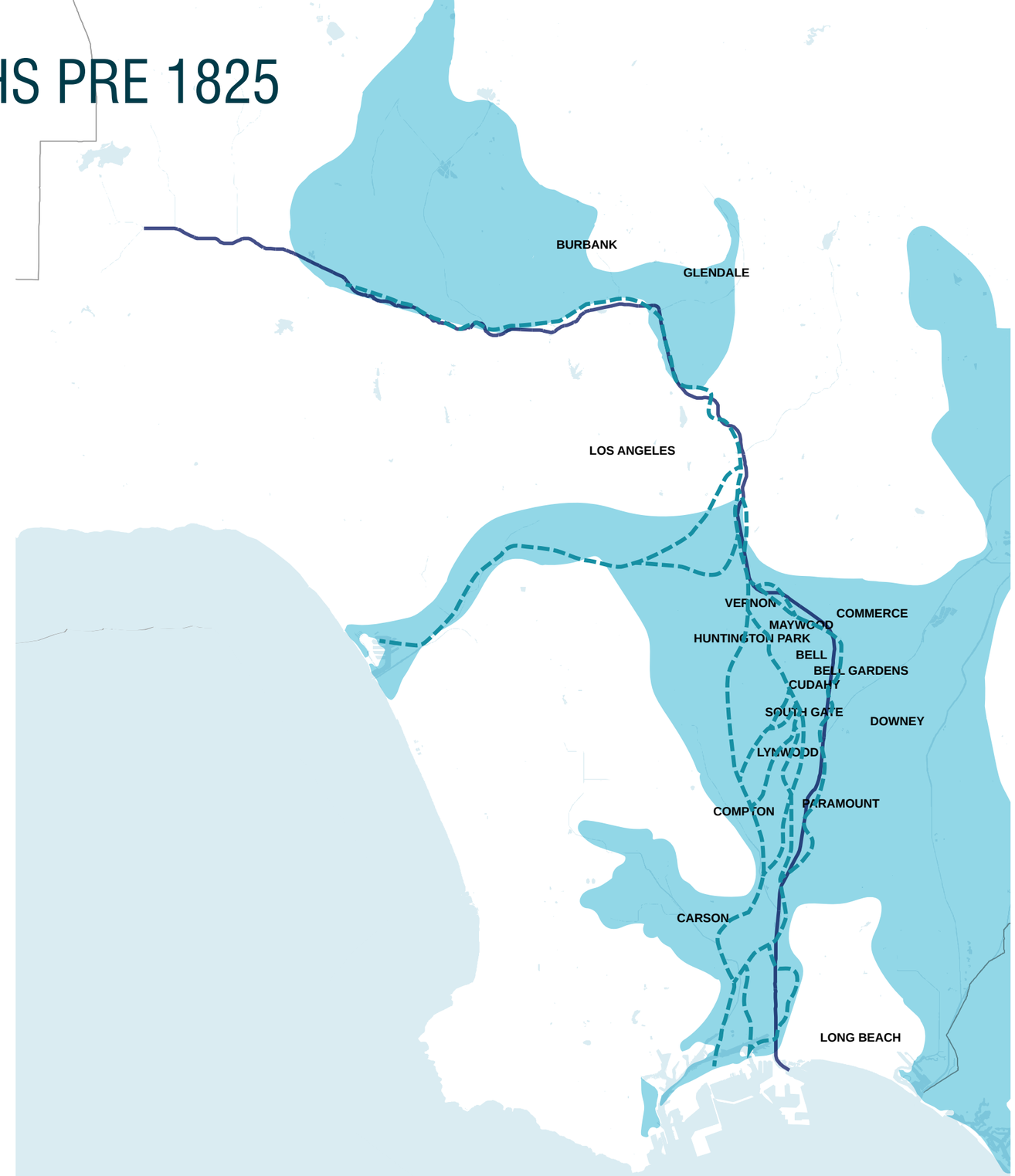
LA RIVER 1887



c1887 Image taken from Balloon. Image Source: Los Angeles Public Library

HISTORIC FLOODING AND RIVER PATHS PRE 1825

The Migration of the LA River and Area Subject to Inundation Before Flood Control



Historic flooding areas sourced from The Los Angeles River: Its Life, Death, and Possible Rebirth, by Blake Gumprecht

LA RIVER HISTORY

c1880 from Boyle Heights, Image Source: Los Angeles Public Library

LA RIVER HISTORY: NORTH FIGUEROA BRIDGE AT ARROYO SECO 1938

1938 from Boyle Heights, Image Source: Los Angeles Public Library

LA RIVER HISTORY: GRIFFITH PARK 1938

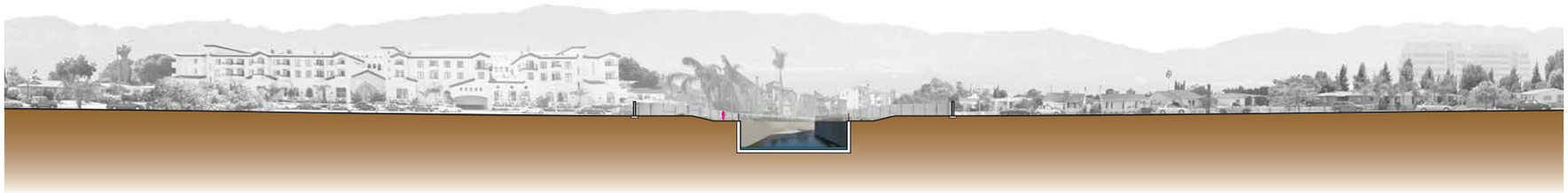
1938, Griffith Park. Image Source: Army Corps of Engineers

LA RIVER HISTORY

c1948-1951, Images Source: Los Angeles Public Library

RIVER CHANNELIZATION: CROSS SECTIONS

Confluence - Mile 51



Valley - Mile 46

Soft Bottom - Mile 34.5

Downtown - Mile 22

Southeastern Cities - Mile 17

RIVER CHANNELIZATION: RIO HONDO CONFLUENCE

1932

2017

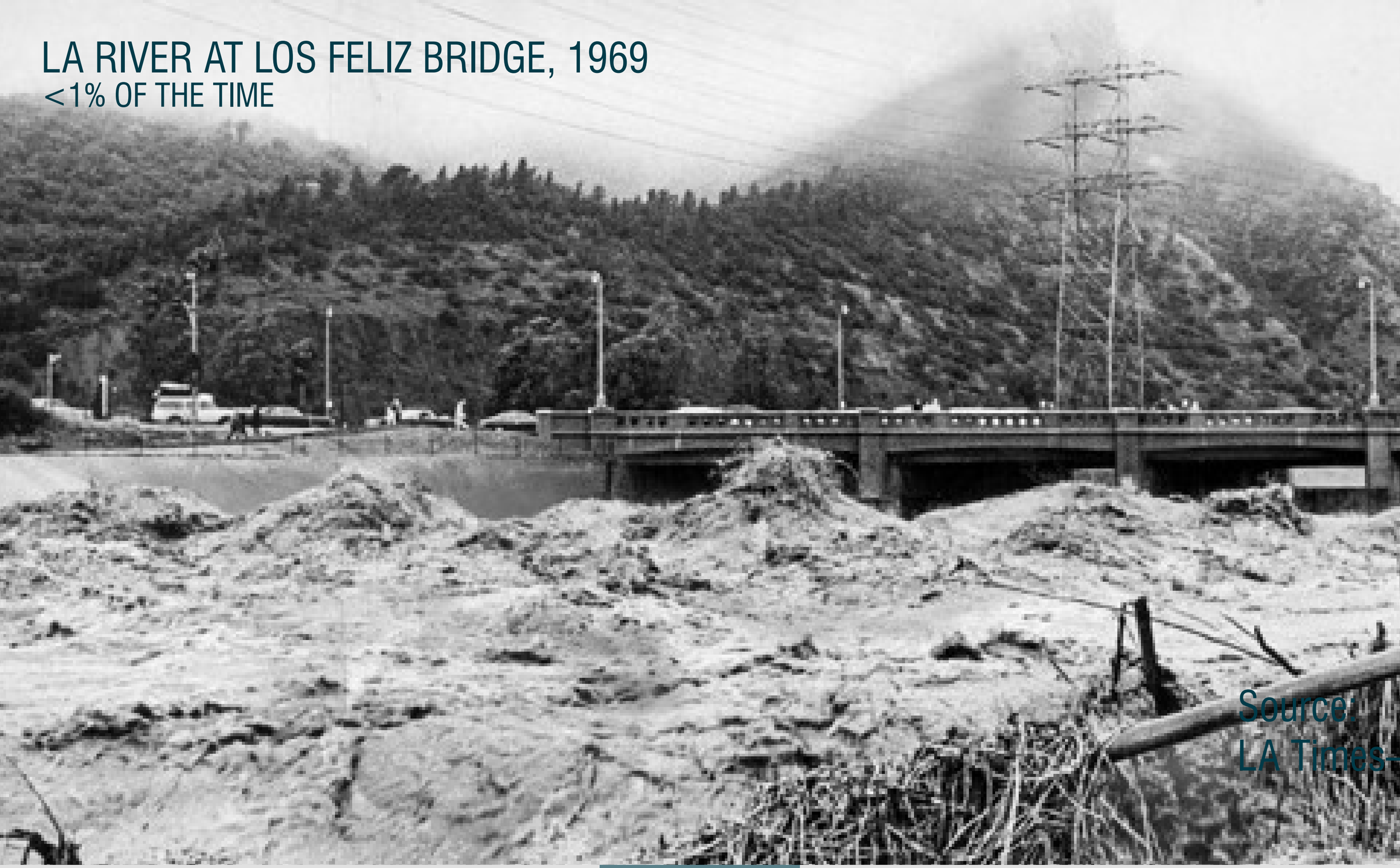
LA RIVER AVERAGE FLOW
90-95% OF THE TIME

LA RIVER AT SPRING STREET BRIDGE

4-9% OF THE TIME

LA RIVER AT LOS FELIZ BRIDGE, 1969

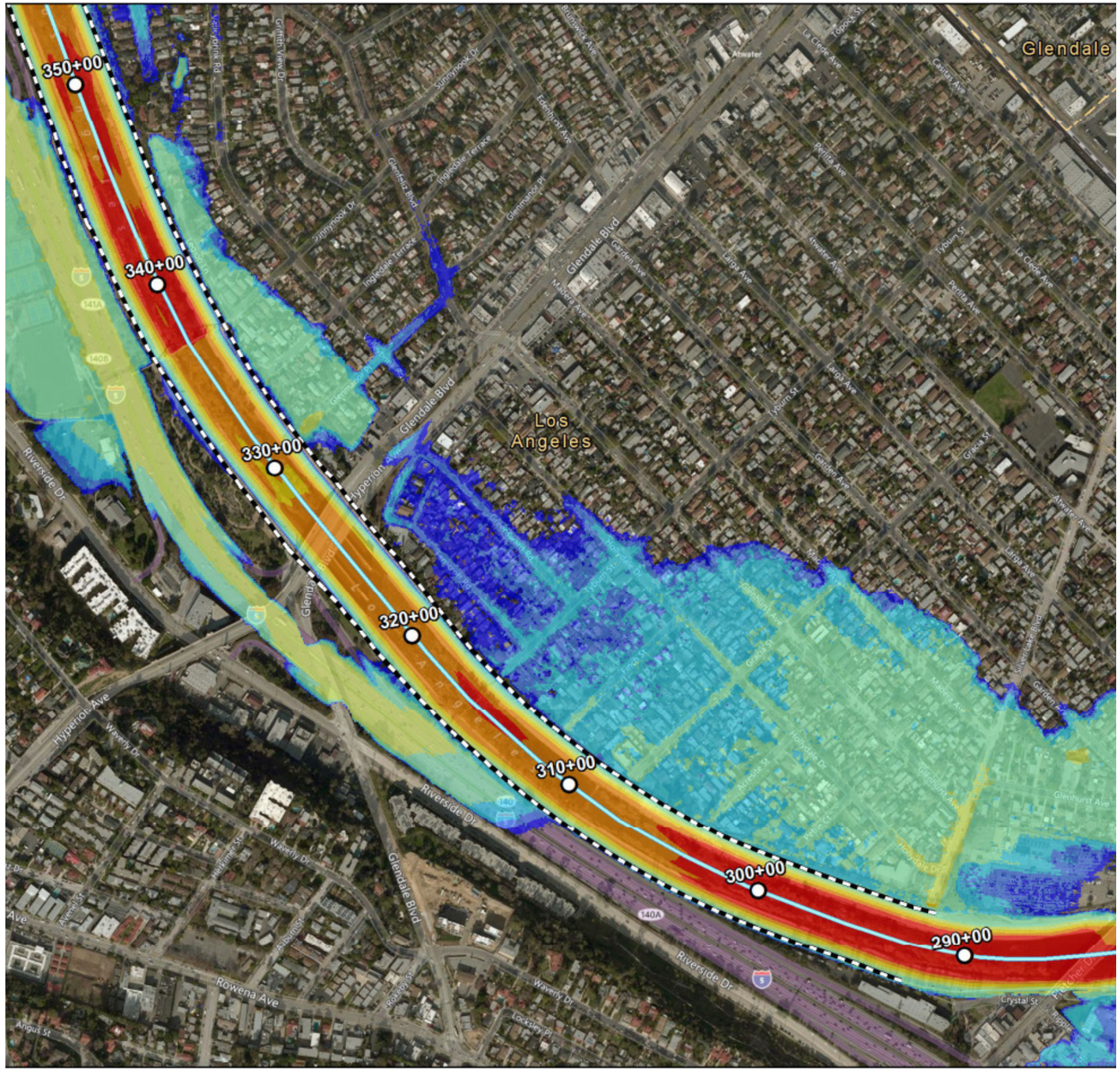
<1% OF THE TIME



Source: LA Times

HYDRAULICS

FLOOD RISK



Source: Army Corps of Engineers (2016)

Photo: GP Employee 01/22/2017 | View from Glendale Blvd Bridge | Approx. 12,000 Cubic Feet/Second

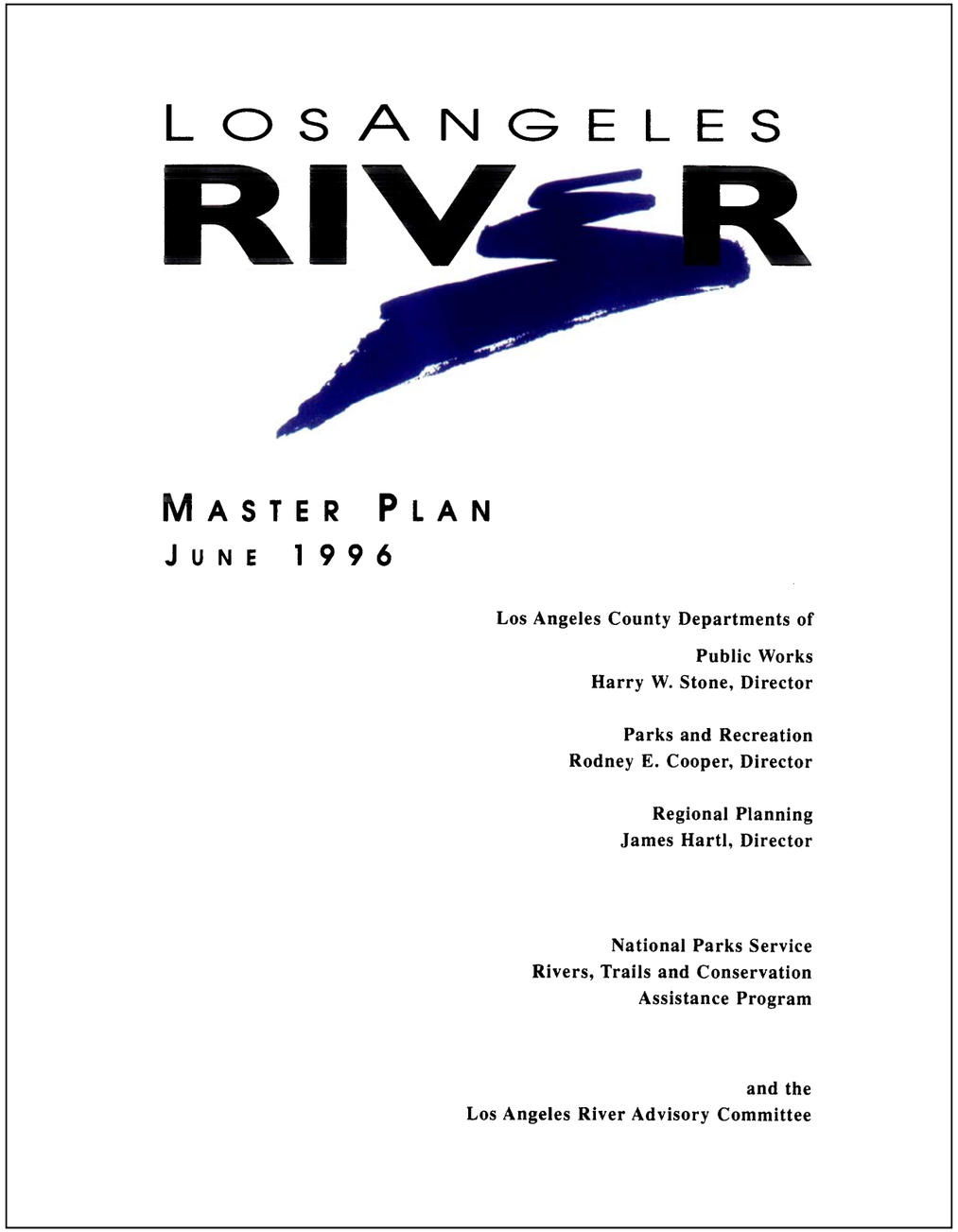
Over 3,300 PARCELS across Los Angeles County will be submerged by an average of **5 to 10 feet of water** when a 100 year flood event occurs.

OVERVIEW OF LOS ANGELES RIVER MASTER PLAN UPDATE PROJECT

PREVIOUS PLANNING
1996 LOS ANGELES COUNTY LA RIVER MASTER PLAN

"The Los Angeles River Master Plan provides for the optimization and enhancement of aesthetic, recreational, flood control and environmental values by creating a community resource, enriching the quality of life for residents, and recognizing the River's primary purpose for flood control."

-Mission Statement from the 1996 Master Plan


LOS ANGELES RIVER

MASTER PLAN
JUNE 1996

Los Angeles County Departments of

Public Works
Harry W. Stone, Director

Parks and Recreation
Rodney E. Cooper, Director

Regional Planning
James Hartl, Director

National Parks Service
Rivers, Trails and Conservation
Assistance Program

and the
Los Angeles River Advisory Committee

http://ladpw.org/wmd/watershed/la/larmp/

VISION OF THE 1996 MASTER PLAN

Role of Advisory Committee:

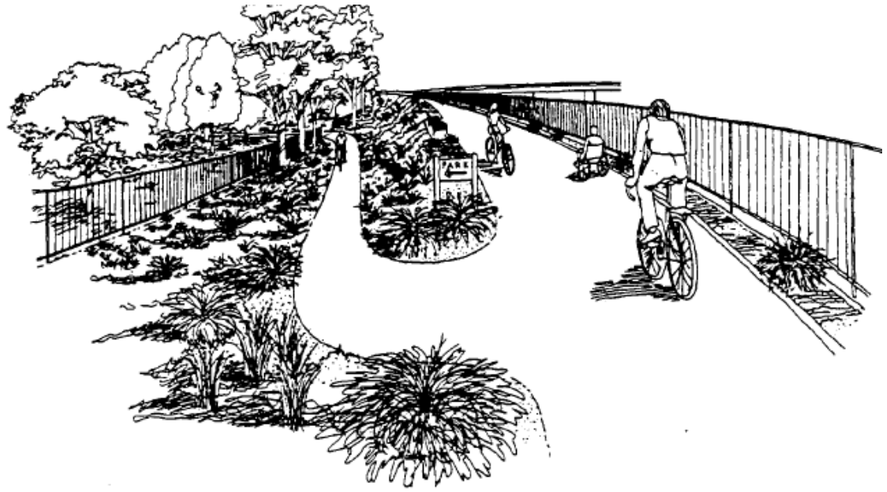
- Identify issues critical to the enhancement of the river
- Develop a community involvement program, including public meetings
- Make project recommendations based on Master Plan findings
- Develop an implementation plan for the projects identified in the Master Plan

Planning Team created a list of key issues discussed by the Advisory Committee:

- Aesthetics
- Economic development
- Environmental quality
- Flood management and water conservation
- Jurisdiction and public involvement
- Recreation

Each of the key issues addressed:

- Existing conditions
- Recommendations
- Suggested policy changes
- Adoption of new policies



Los Angeles River Master Plan Goals:

- Ensure flood control and public safety needs are met.
- Improve the appearance of the river and the pride of local communities in it.
- Promote the river as an economic asset to the surrounding communities
- Preserve, enhance and restore environmental resources in and along the river.
- Consider stormwater management alternatives .
- Ensure public involvement and coordinate Master Plan development and implementation among jurisdictions.
- Provide a safe environment and a variety of recreational opportunities along the river.
- Ensure safe access to an compatibility between the river and other activity centers.

SIX STUDY AREAS

Reach 1 – Southern Cities

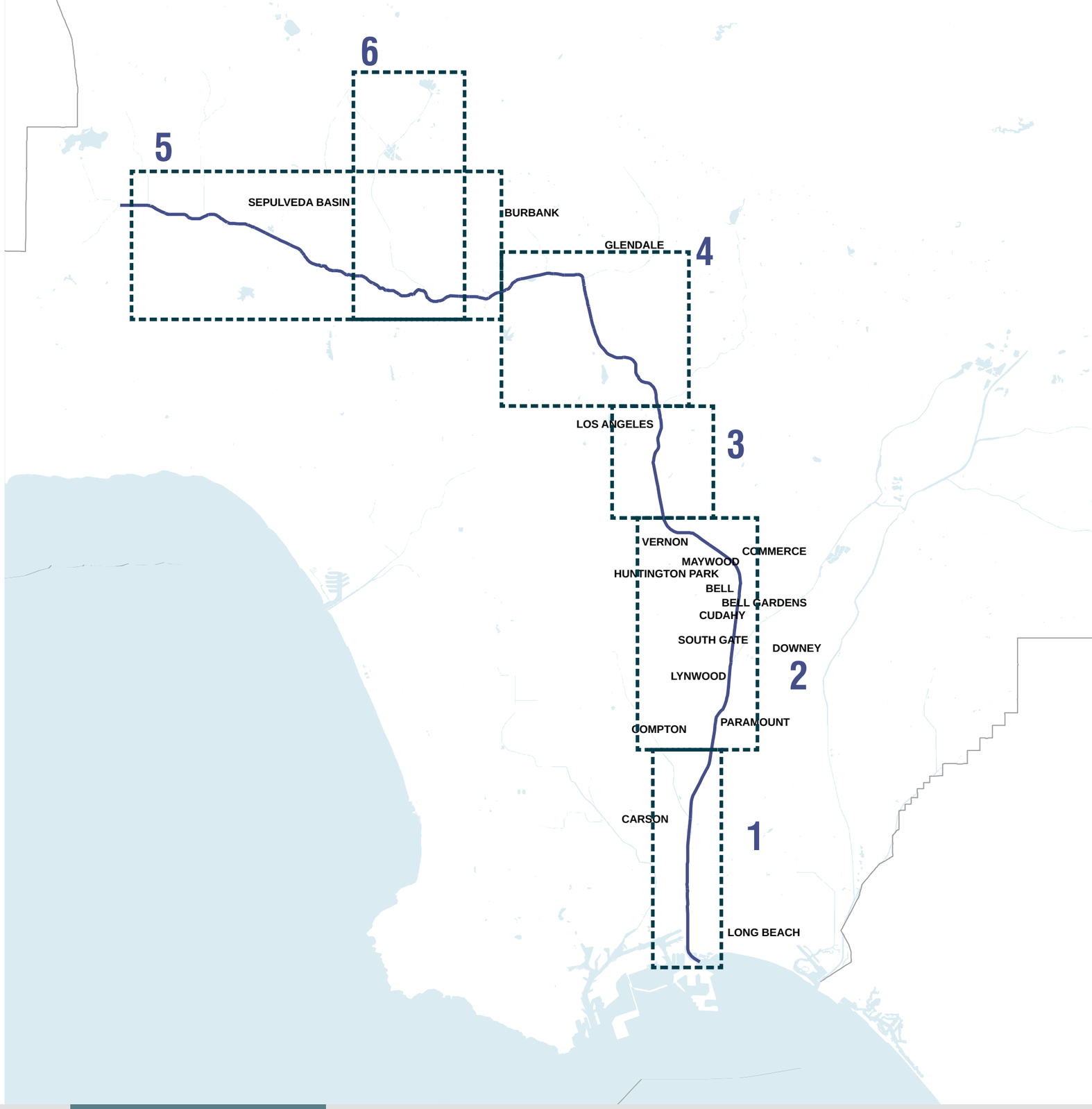
Reach 2 – Mid-Cities

Reach 3 – Downtown Los Angeles

Reach 4 – Glendale Narrows

Reach 5 – San Fernando Valley

Reach 6 – Tujunga Wash



RELEVANT PLANNING EFFORTS

114

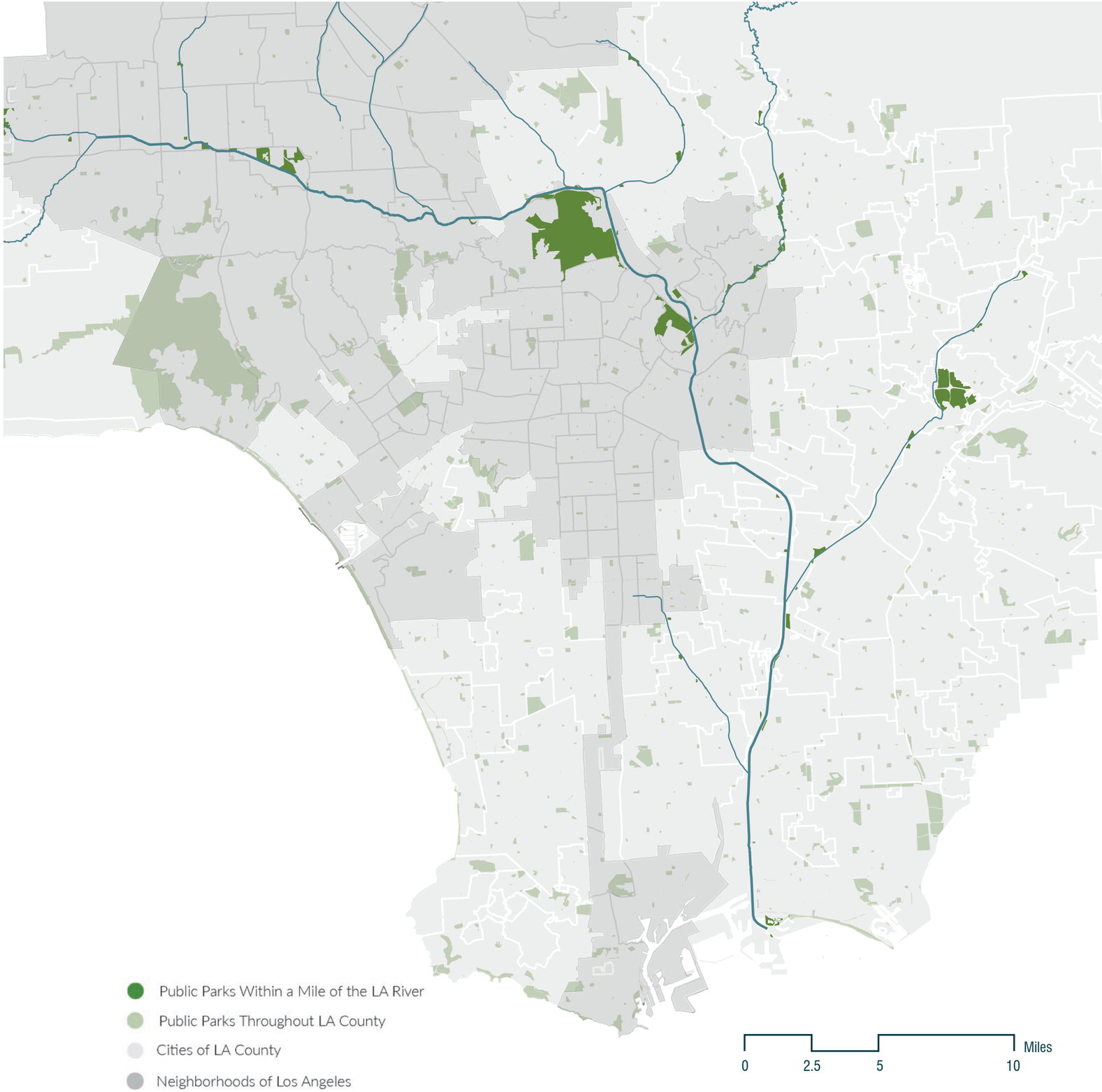
and counting!

- Community Plans
- Regional Plans
- River Related Plans
- General Plans
- Bike and Pedestrian Plans
- Design Guidelines and Standards

MASTER PLAN
PURPOSE AND COMPONENTS

INVENTORY + ANALYSIS

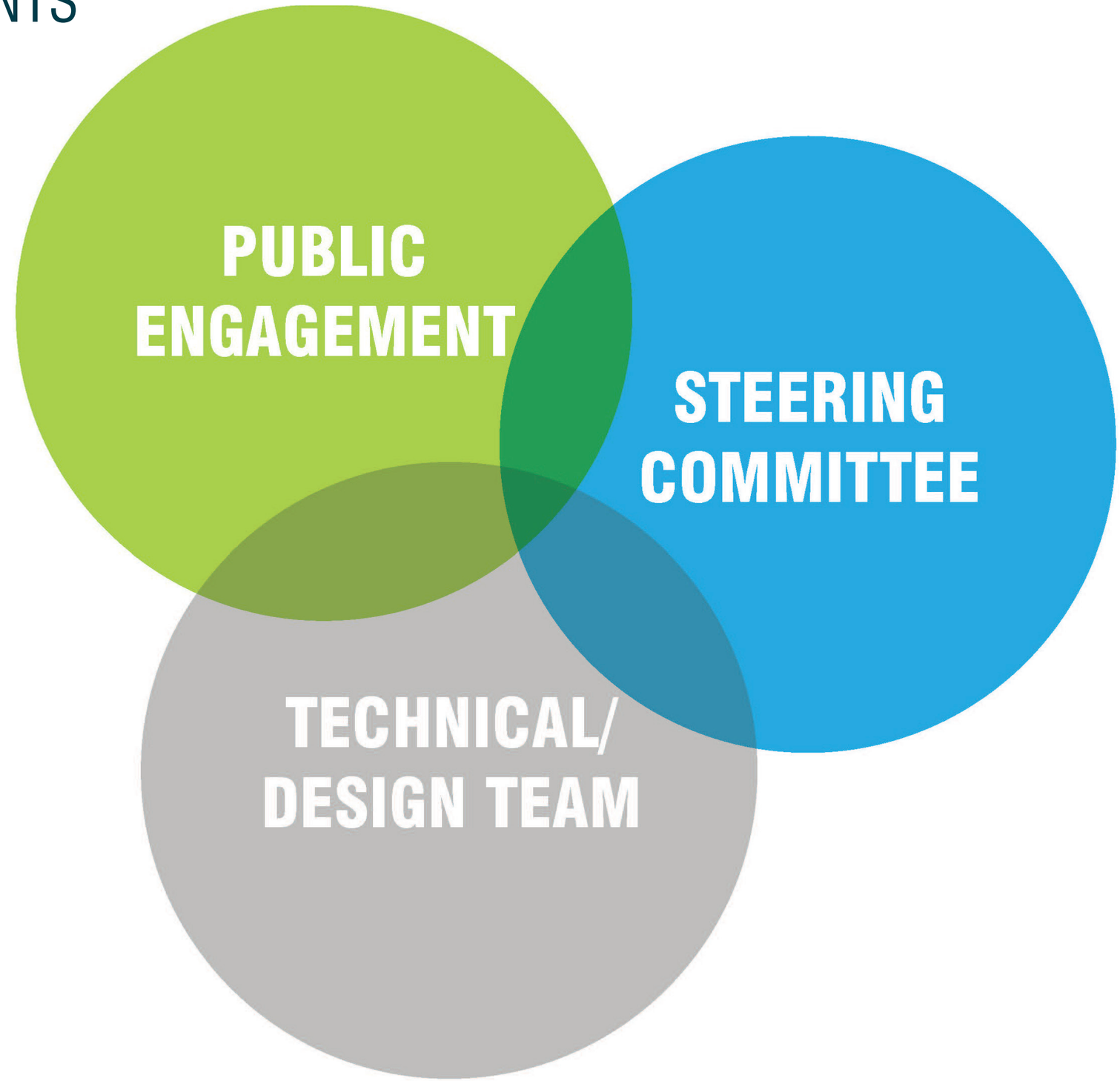
- Flood Risk
- Ecosystem and Habitat Conditions
- Open Space, Recreation, and Trails
- Significant Community Programming and Institutions
- Operations and Maintenance Conditions
- Access, Security, and Safety Conditions
- Demographics, Public Health, and Social Equity
- Sustainability and Resiliency



CORRIDOR PROPOSALS

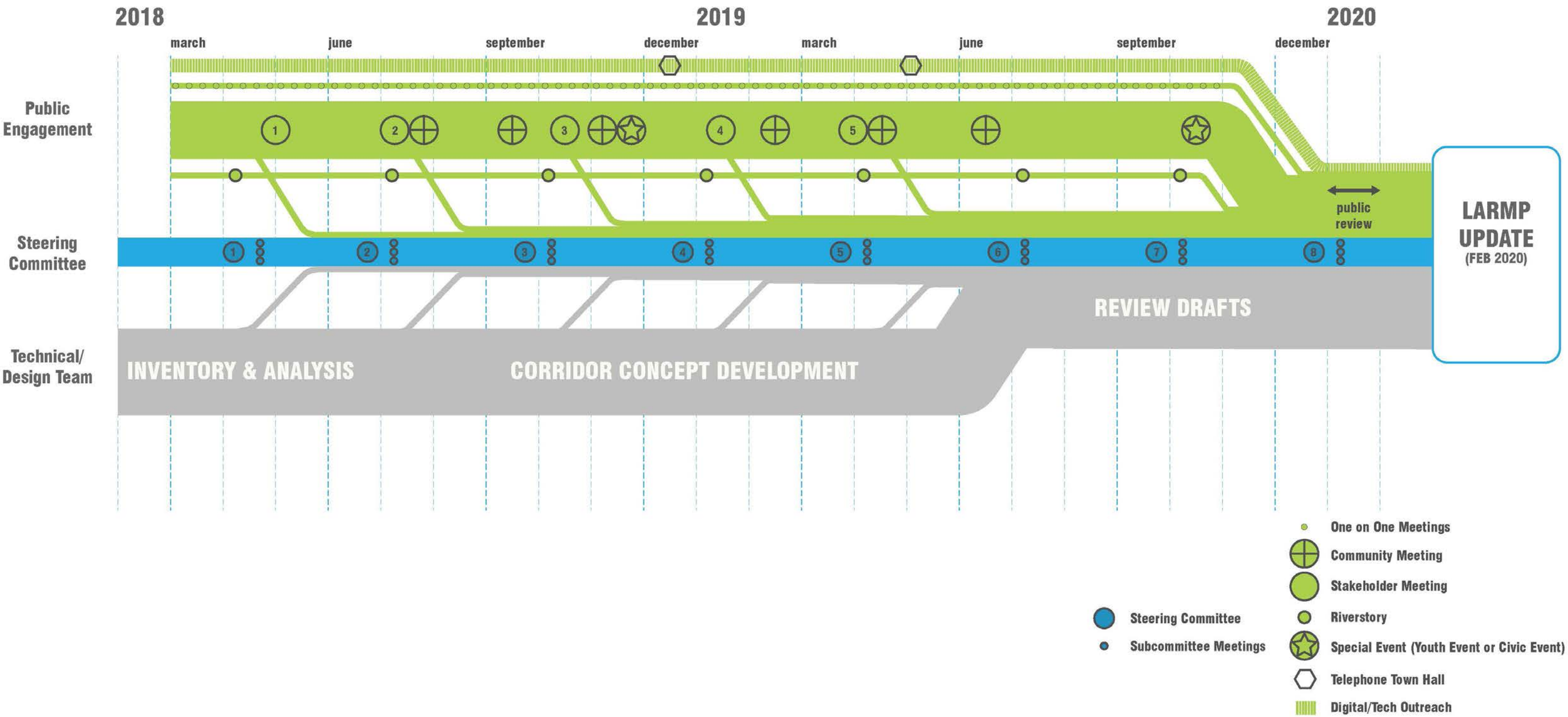
- Flood Risk Management Strategies
- Access Points, Gateways
- New Park Recommendations
- Water Quality Strategies
- Water Recharge Strategies
- Affordable Housing Strategies
- Strategies for Unsheltered Populations
- Update of Planting Design Standards
- Consolidate Signage Standards
- Consolidate Trail Standards
- Consolidate Proposed Improvements
- Implementation Plan
- Funding Strategies

PLAN COMPONENTS



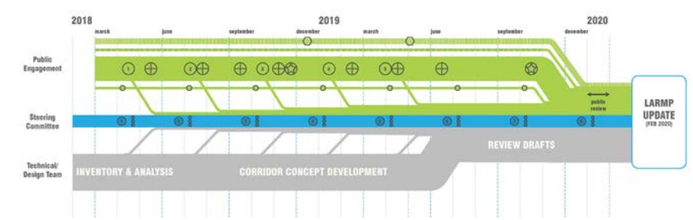
MASTER PLAN
METHODS AND SCHEDULE

PROJECT SCHEDULE

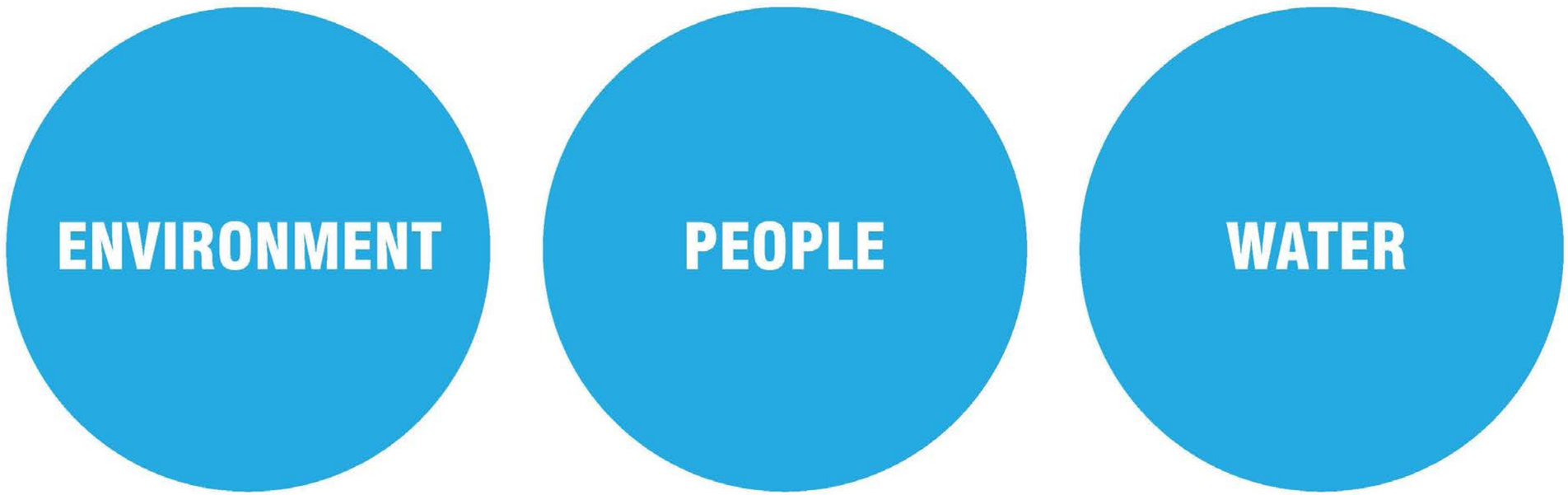


STEERING COMMITTEE FRAMEWORK

	2018				2019				
	1	2	3	4	5	6	7	8	LARMP UPDATE (FEB 2020)
Key Theme & Tentative Date	LAUNCH 11 APRIL 2018	INVENTORY & VISION PRINCIPLES 27 JUNE 2018	GOALS & GAPS 26 SEPTEMBER 2018	PRELIMINARY PLANNING 12 DECEMBER 2018	DESIGN DRAFTS 27 MARCH 2019	DESIGNS & PLANS 26 JUNE 2019	DRAFT REVIEW 25 SEPTEMBER 2019	PUBLIC REVIEW 11 DECEMBER 2019	
Dialogue Focus	Vision Brainstorming Project Schedule and Scope Committee Organization Draft Community Outreach Plan, Branding Strategy, and Website Flood Control History, Plan Priorities, Channel Strategies	Draft Vision Principles Existing Conditions Literature Review Community Outreach Plan Demonstration Project Introduction	Draft Goals Demographics, Affordable Housing, Displacement O&M, Access, Security, and Safety Gaps in Existing Plans and Standards Youth Summit Demonstration Project Feasibility Study Draft Table of Contents for Masterplan	Planning Reaches Draft Flood Control Alternatives Table of Contents for Masterplan Demonstration Project Feasibility Study	Draft Planning Concepts Draft Design Concepts and Standards Draft Flood Mitigation Concepts Demonstration Project Concept Civic and Cultural Festival Draft Plan Web Mapping Tool	Planning Concepts and Policies Design Concepts and Design Standards Flood Mitigation Concepts Demonstration Project Concept	Draft of Los Angeles River Masterplan Update	Draft of Los Angeles River Masterplan Update	



STEERING COMMITTEE SUBCOMMITTEES



PUBLIC ENGAGEMENT PLAN AND UPCOMING ACTIVITIES

OUR GOAL

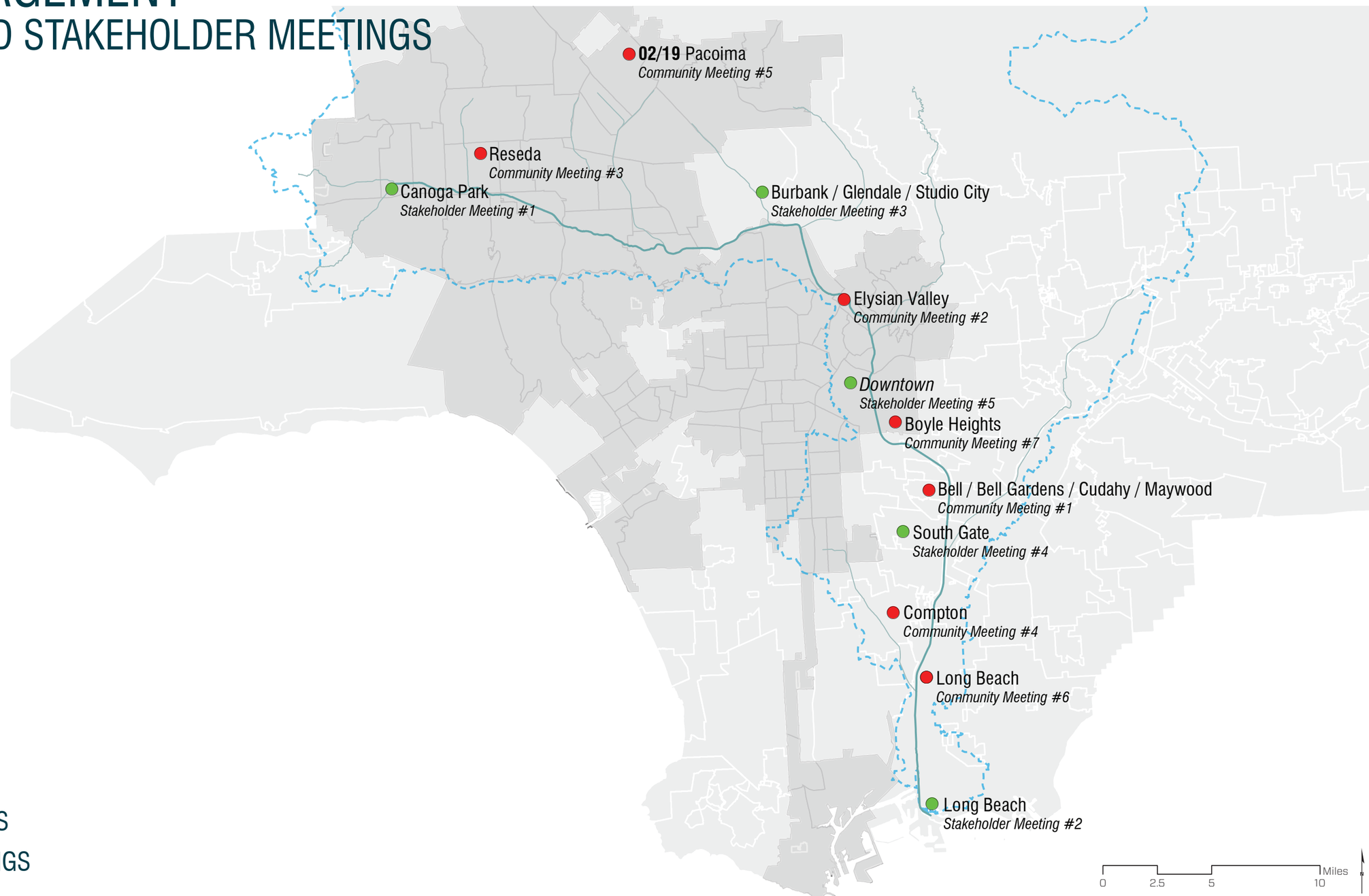
- Objectively inform and engage the public
- Create a two-way communication process

PUBLIC ENGAGEMENT

STAKEHOLDER MEETINGS	Five Total - One per Quarter
COMMUNITY MEETINGS	Seven Total - One every other Month
RIVER STORIES	Voice of the People Captured in Video
DIGITAL ENGAGEMENT	Extends the Public Engagement Reach
YOUTH SUMMIT	November 2018
COMMUNITY PARTNERS	Localized Outreach Throughout the Region
CIVIC + CULTURAL FESTIVAL	Summer 2019

PUBLIC ENGAGEMENT
COMMUNITY AND STAKEHOLDER MEETINGS

*potential



COMMUNITY MEETINGS

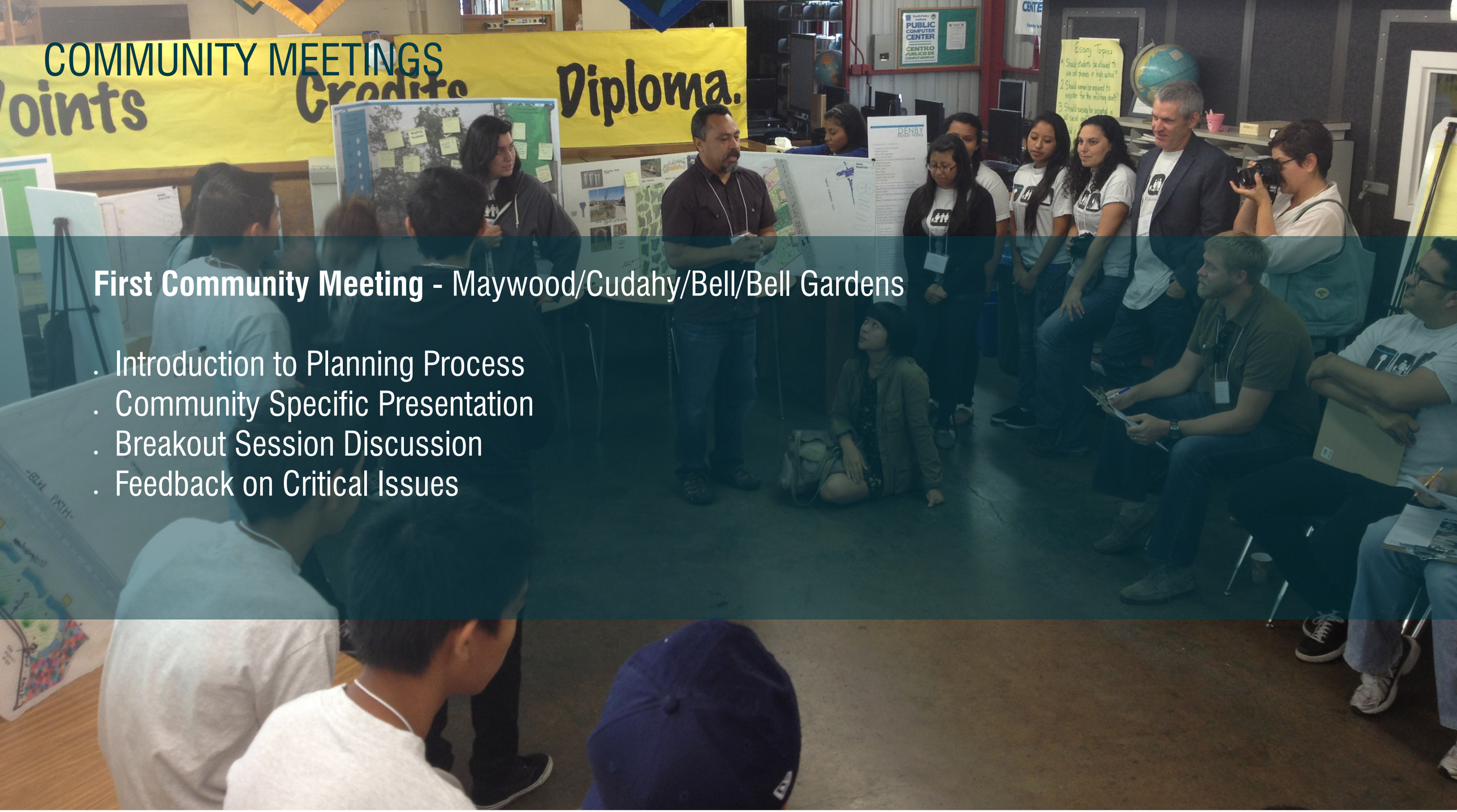
STAKEHOLDER MEETINGS

STAKEHOLDER MEETINGS

First Stakeholder Meeting - Canoga Park

- Master Plan Scope, Process and Goals
- Design and Technical Approach
- Community Engagement Tactics and Timeline

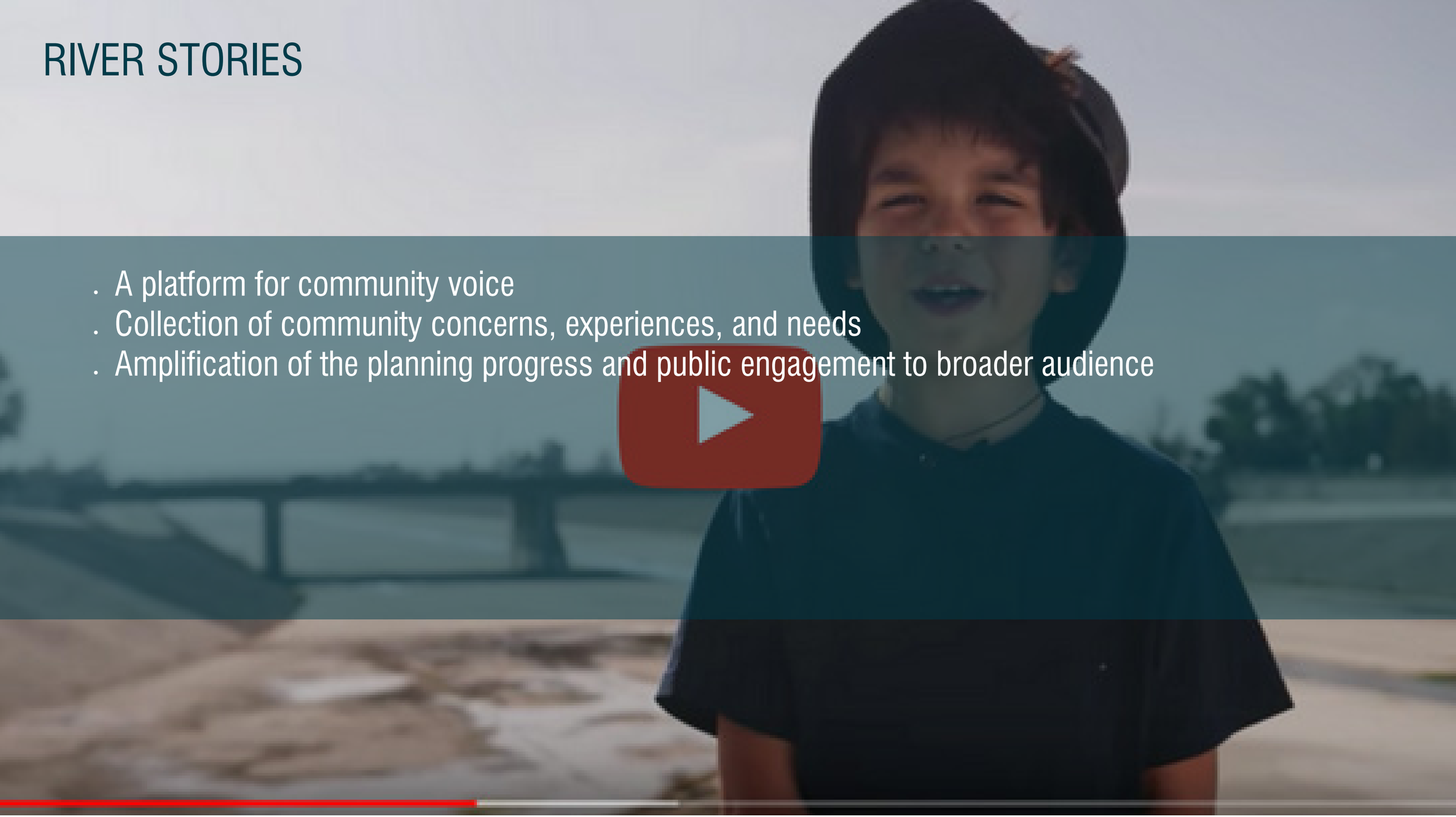
COMMUNITY MEETINGS



First Community Meeting - Maywood/Cudahy/Bell/Bell Gardens

- Introduction to Planning Process
- Community Specific Presentation
- Breakout Session Discussion
- Feedback on Critical Issues

RIVER STORIES



- A platform for community voice
- Collection of community concerns, experiences, and needs
- Amplification of the planning progress and public engagement to broader audience

DIGITAL ENGAGEMENT

- Consistent Social Posts
- Monthly River Stories
- Social Media Ads for Extended Reach
- Monthly Email Series

WEBSITE

- Viewability on computer, iPhone, Android, etc.
- Project and meeting information distribution
- Focused user experience for community members
- A member portal for steering committee members

Current Landing Page Master Plan Website Under Construction

WEBSITE

LOGO

About Resources Member Portal Events Contact Us

About The LARMP

The Los Angeles River Master Plan (LARMP) is a multi-objective guide for the Los Angeles River (River) recognizing its primary purpose of flood protection while advocating for environmental enhancement, recreational opportunities, and economic development throughout the 51-mile river corridor.

More Information

Interested in giving us your input regarding future changes for the LA River?

Take Survey

Sign up for email notifications to stay up to date with new information.

Subscribe

WEBSITE

LOGO

About Resources Member Portal Events Contact Us

Event Name Ipsum

Intro Text. Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit.

When

Wednesday, March 7, 2018
1pm–3pm

Where

Venue Name Here
123 Address Avenue
Bloomfield, New Jersey 07003
United States
Google map and directions

March 7, 2018 • By Author Namehere

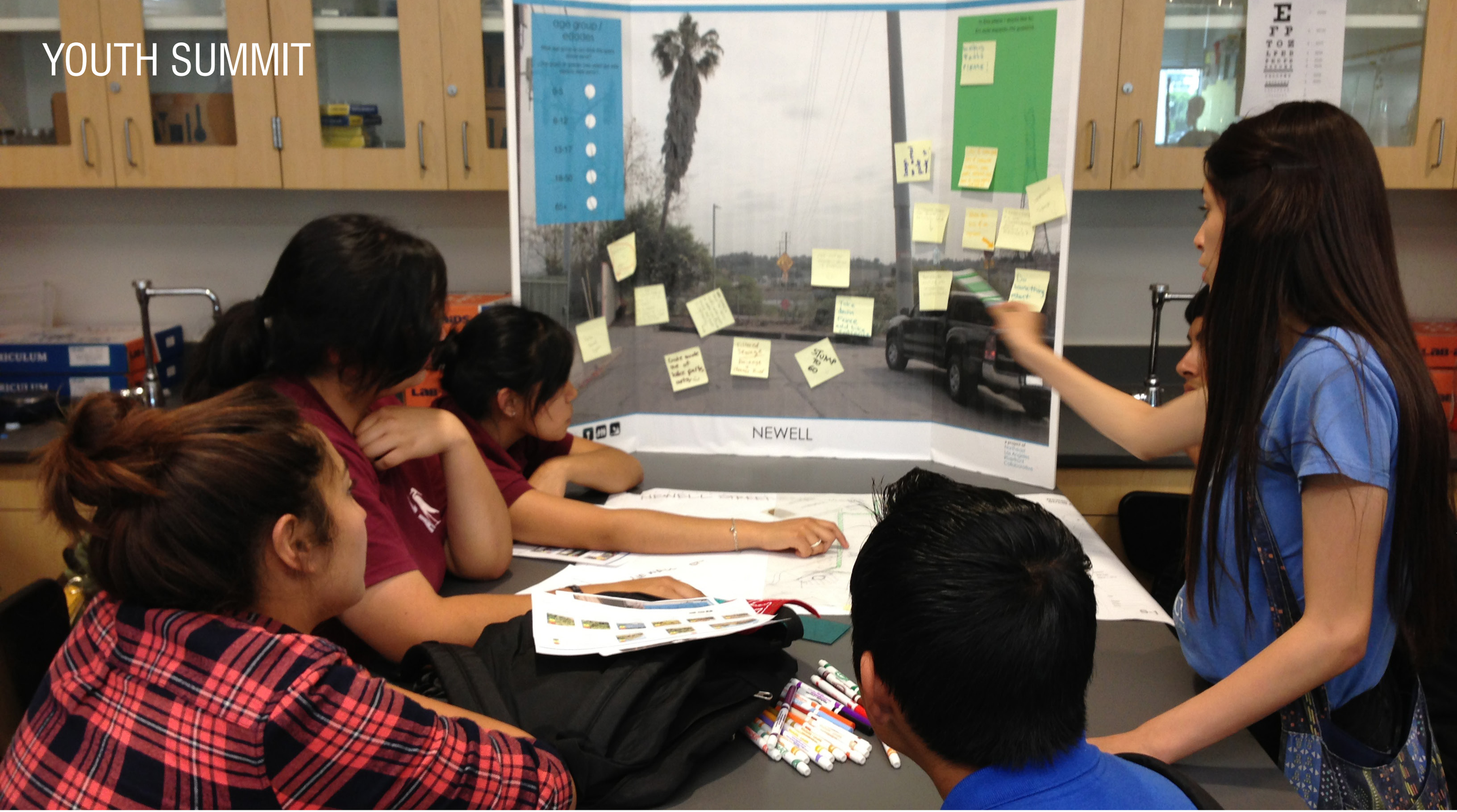
Sign up for email notifications to stay up to date with new information.

Subscribe

Interested in giving us your input regarding future changes for the LA River?

Take Survey

YOUTH SUMMIT



COMMUNITY PARTNERS

- Pop-up sidewalk and park activations
- Educational activities
- Data gathering
- Neighborhood events

CULTURAL AND CIVIC FESTIVAL

PLAN PRIORITIES

LA RIVER INDEX

ABOUT TEAM SCOPE TOOLSET OUTREACH GIVE SUPPORT FAQ

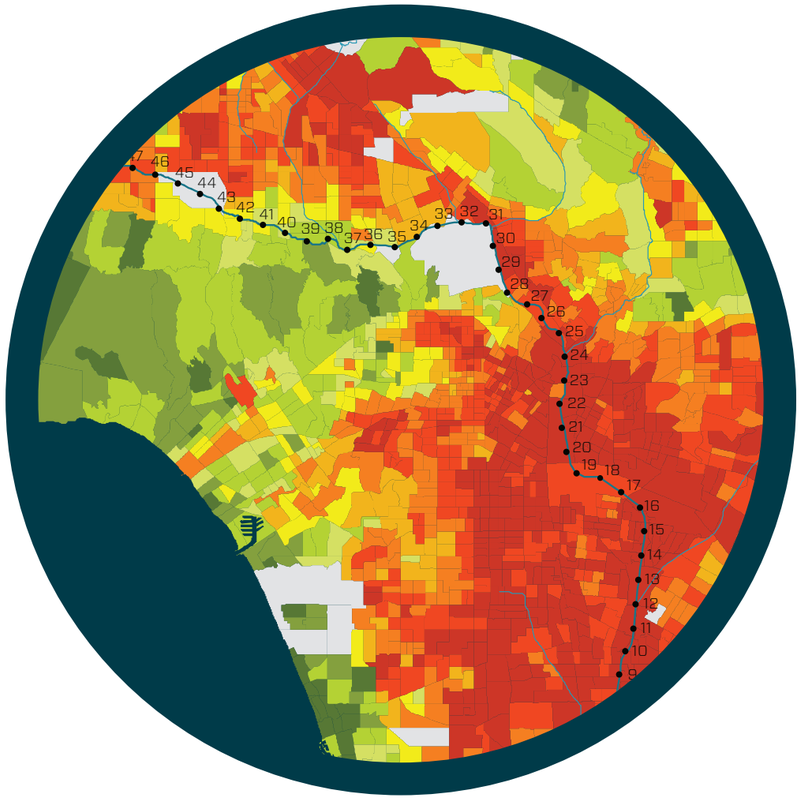
A HEALTHY RIVER FOR ALL

Has a strong ecological structure
Safely manages the flood risk
Helps recharge aquifers
Cleans our water
Provides open space and recreation
Improves public health
Promotes social equity
Enhances mobility
Reduces carbon footprint
Becomes a place for everyone to meet

http://riverlareports.riverla.org/

FLOOD RISK, WATER QUALITY, AND WATER SUPPLY

ENVIRONMENT AND OPEN SPACE



PUBLIC HEALTH AND EQUITY

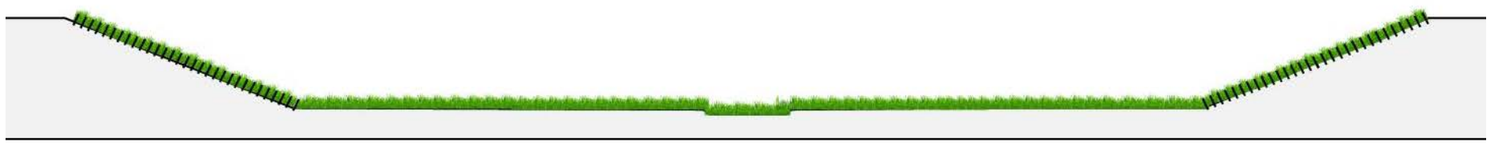
FLOOD RISK, WATER QUALITY, AND WATER SUPPLY

VEGETATION AND WATER CONVEYANCE

Vegetation and Flood Control Capacity Have an Inverse Relationship

PLANTED BANKS + CONCRETE CHANNEL

40%-50% CAPACITY

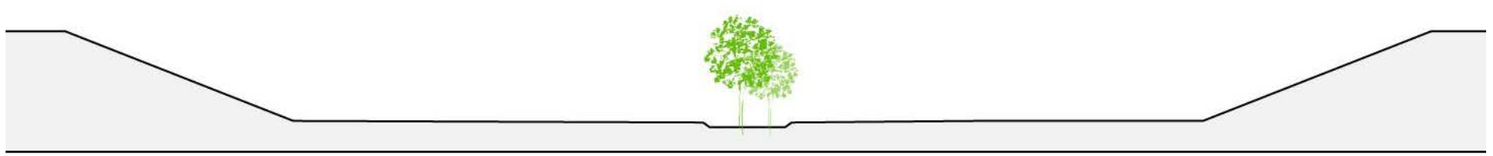


GRASSED BANKS + GRASSED CHANNEL

55% CAPACITY

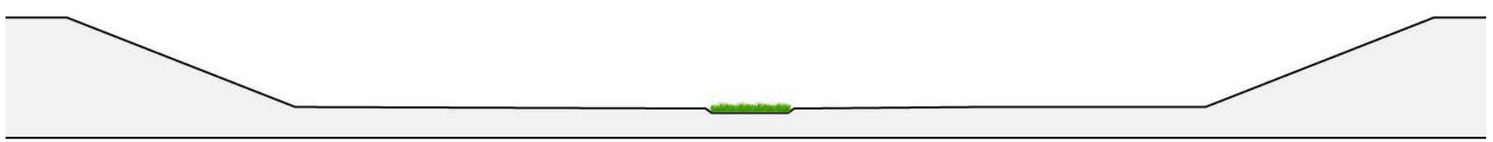
GRASSED BANKS + CONCRETE CHANNEL

75% CAPACITY



LOW FLOW CHANNEL PLANTED WITH SHRUBS/TREES + CONCRETE CHANNEL

80% CAPACITY



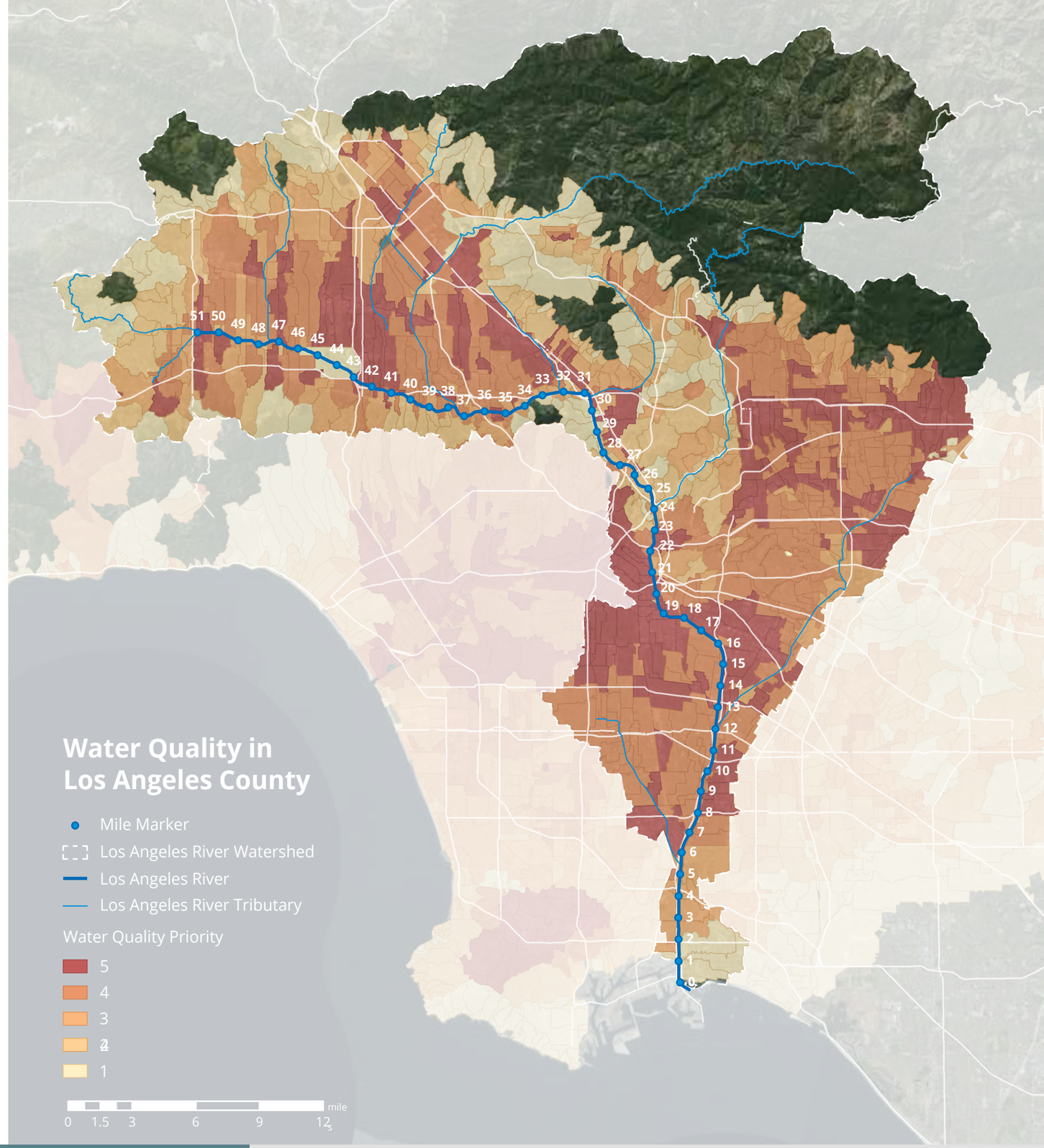
LOW FLOW CHANNEL PLANTED WITH GRASSES + CONCRETE CHANNEL

95% CAPACITY

Tested Channel Capacity Scenarios At Mile 11.8 (Rio Hondo Confluence)

50 FEET

WATER QUALITY



Region-Wide Water Quality Priorities:

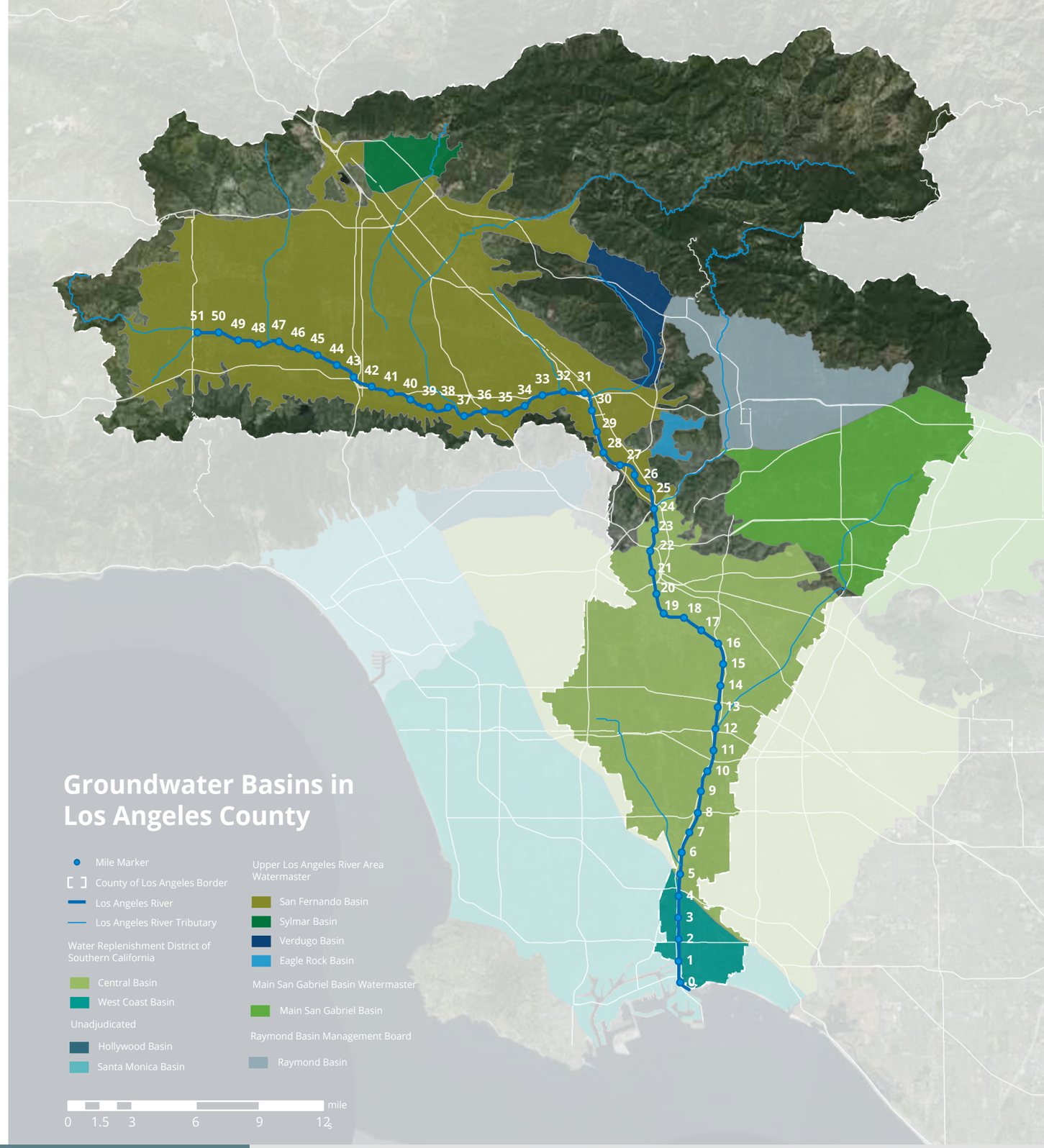
5 Represents the Highest Priority
1 Represents the Lowest Priority

WATER SUPPLY

Average Wet Weather Flow of the LA River:
275,000 Acre Feet Per Year

Wettest Year - 2005 (in the past 20 years):
950,000 Acre Feet Per Year

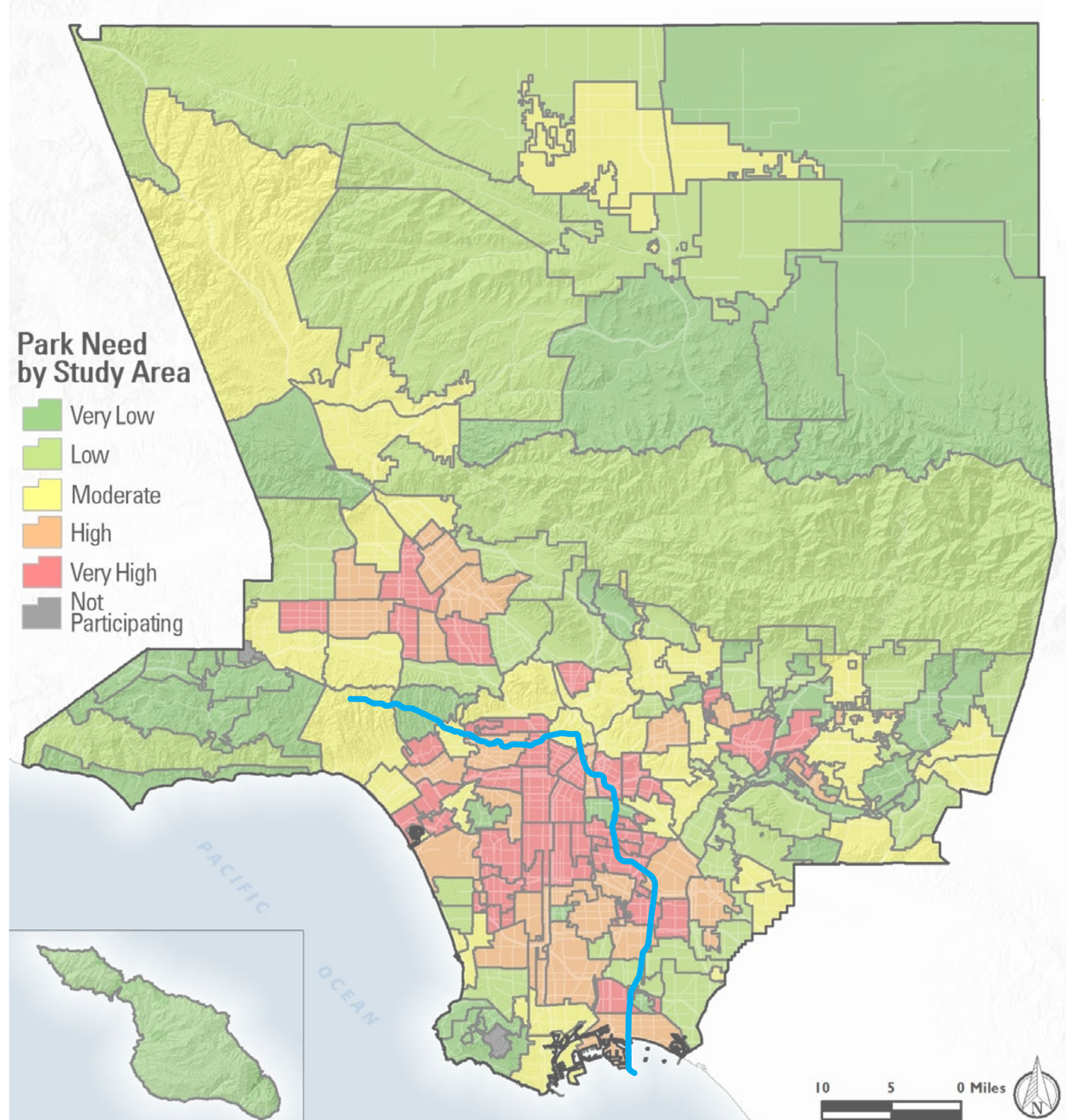
Driest Year - 2007 (in the past 20 years):
50,000 Acre Feet Per Year



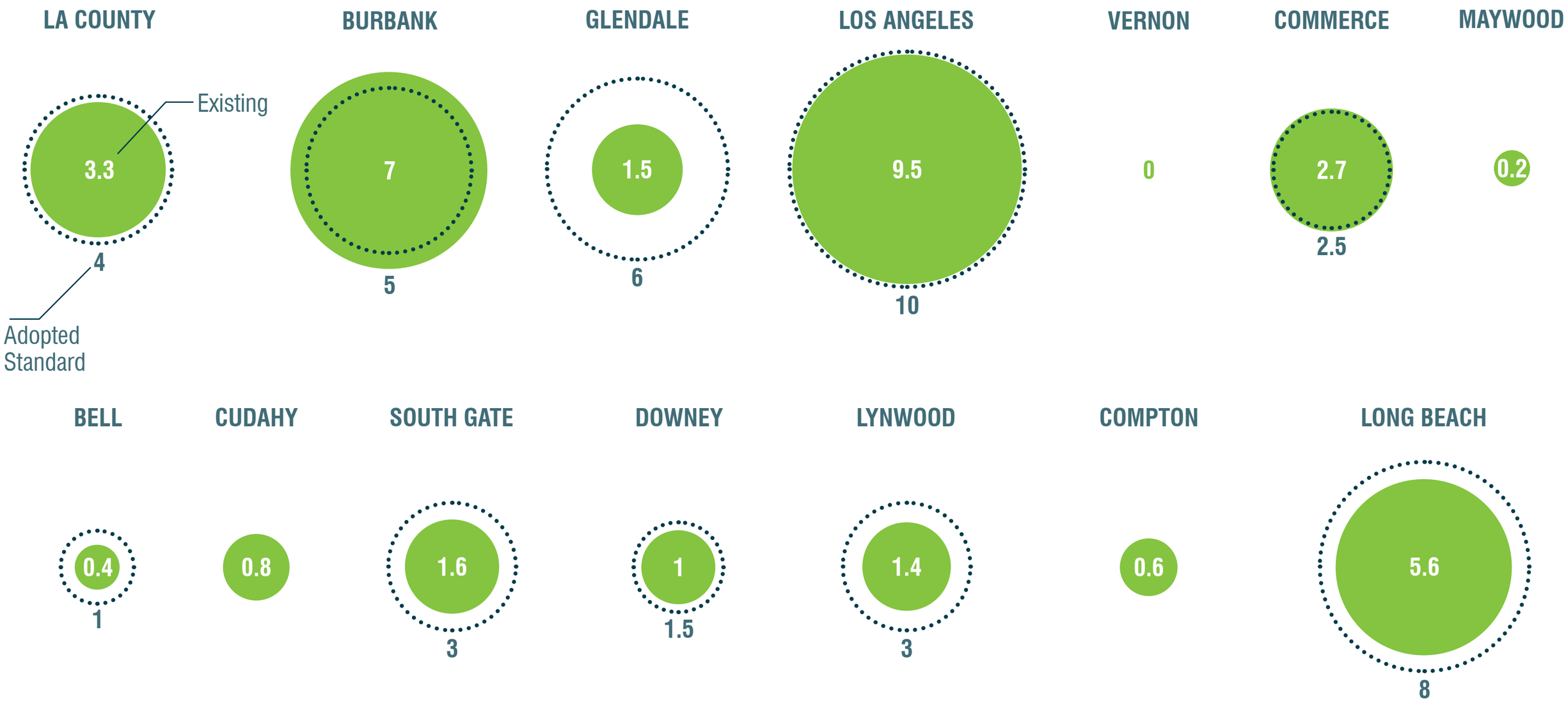
ENVIRONMENT AND OPEN SPACE

EXISTING PARK SPACE

Los Angeles 2016 Countywide Comprehensive Parks & Recreation Needs Assessment



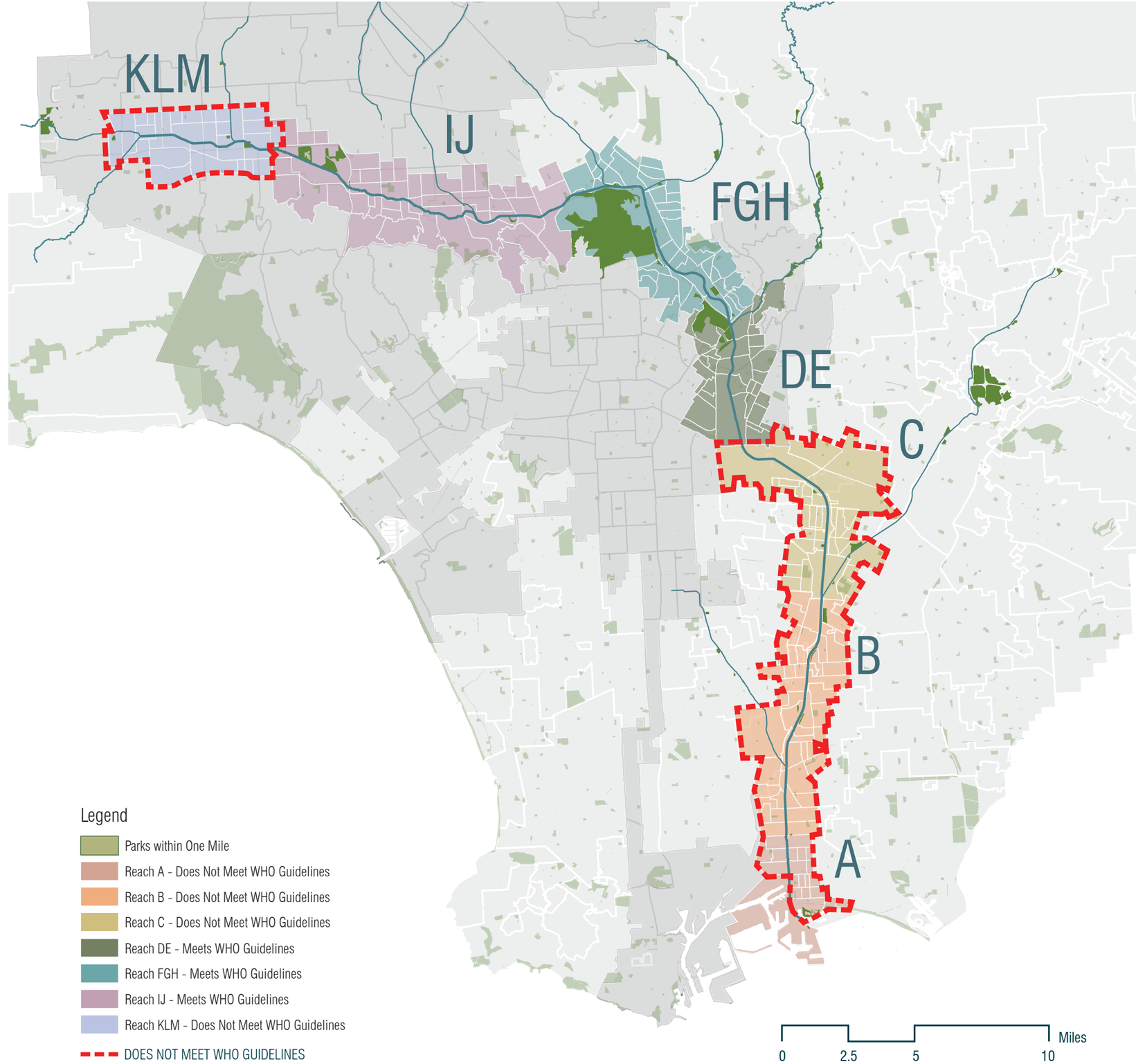
PARK ACRES PER 1,000 RESIDENTS



*Sources: Most recent adopted general plans

PARK SPACE PER CAPITA

Reaches K-M and A-C **do not** meet WHO Park Space Guidelines



HABITAT AND SPECIES

Foothills
-Mixed coniferous forest
-Coastal sage scrub
-Chaparral
-California walnut woodlands

Gray Fox
(Urocyon cinereoargenteus)

Bell's Vireo
(Vireo bellii)

Desert Cottontail
(Sylvilagus audubonii)

Bobcat
(Lynx rufus)

Canyons
-Coast live oak woodlands
-Mixed coniferous forest
-Coastal sage scrub
-Chaparral
-California walnut woodlands

Harvest mouse
(Pelecanus occidentalis)

Botta's pocket gopher
(Thomomys bottae)

Western Toad
(Anaxyrus boreas)

California Slender Salamander
(Batrachoseps attenuatus)

Urban Matrix
-Alluvial fan sage scrub
-Coast live oak woodlands
-Riparian woodlands
-Riparian wetlands

Coopers Hawk
(Accipiter cooperii)

Monarch Butterfly
(Danaus plexippus)

Black-crowned Night Heron
(Nycticorax nycticorax hoactli)

Western Fence Lizard
(Sceloporus occidentalis)

River Mouth
-Coastal wetlands
-Riparian woodlands
-Riparian wetlands

California Brown Pelican
(Pelecanus occidentalis)

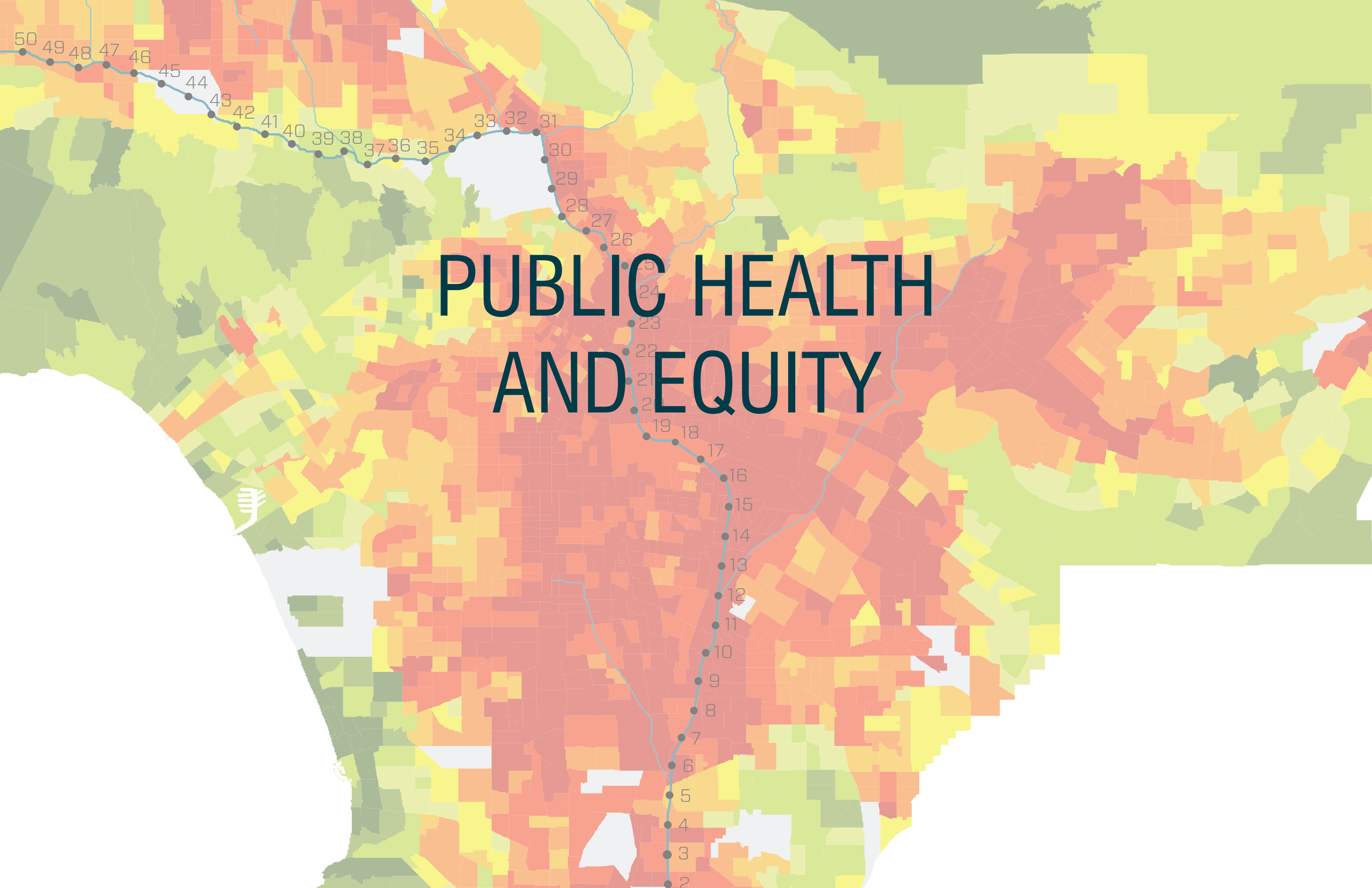
Western Sandpiper
(Calidris mauri)

Herman's Gull
(Larus heermanni)

California Least Tern
(Sterna antillarum browni)

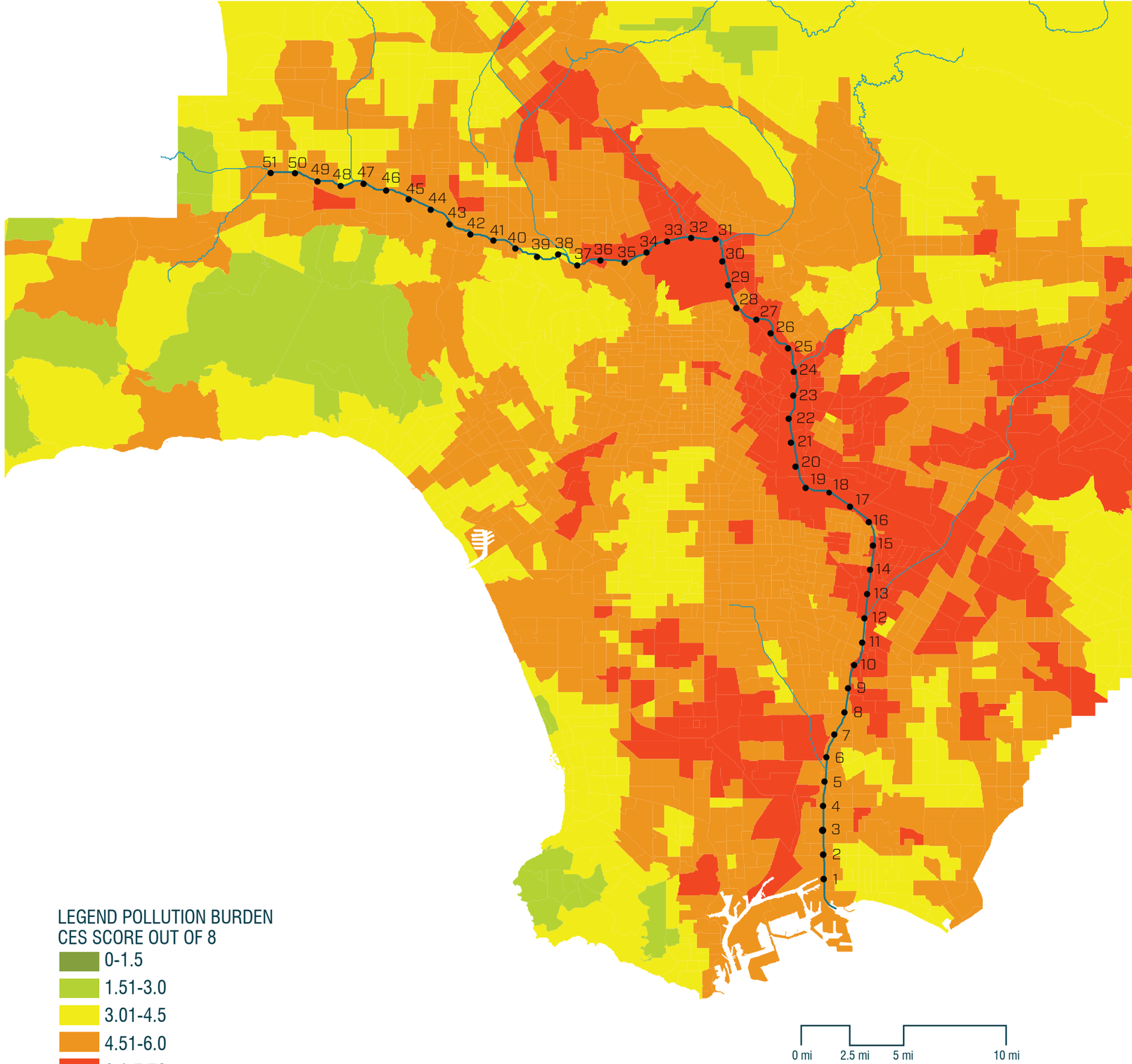
Species Source: 1) The Greater Los Angeles County Open Space for Habitat and Recreation Plan, Pg. 38 (2012); 2) www.inaturalist.org, accessed 04/04/17

PUBLIC HEALTH AND EQUITY



POLLUTION BURDEN

- Ozone Concentrations
- PM2.5 Concentrations
- Diesel PM Emissions
- Drinking Water Contaminants
- Pesticide Use
- Toxic Release Facilities
- Traffic Densities
- Cleanup Sites
- Groundwater Threats
- Hazardous Waste
- Impaired Water Bodies
- Solid Waste Sites and Facilities



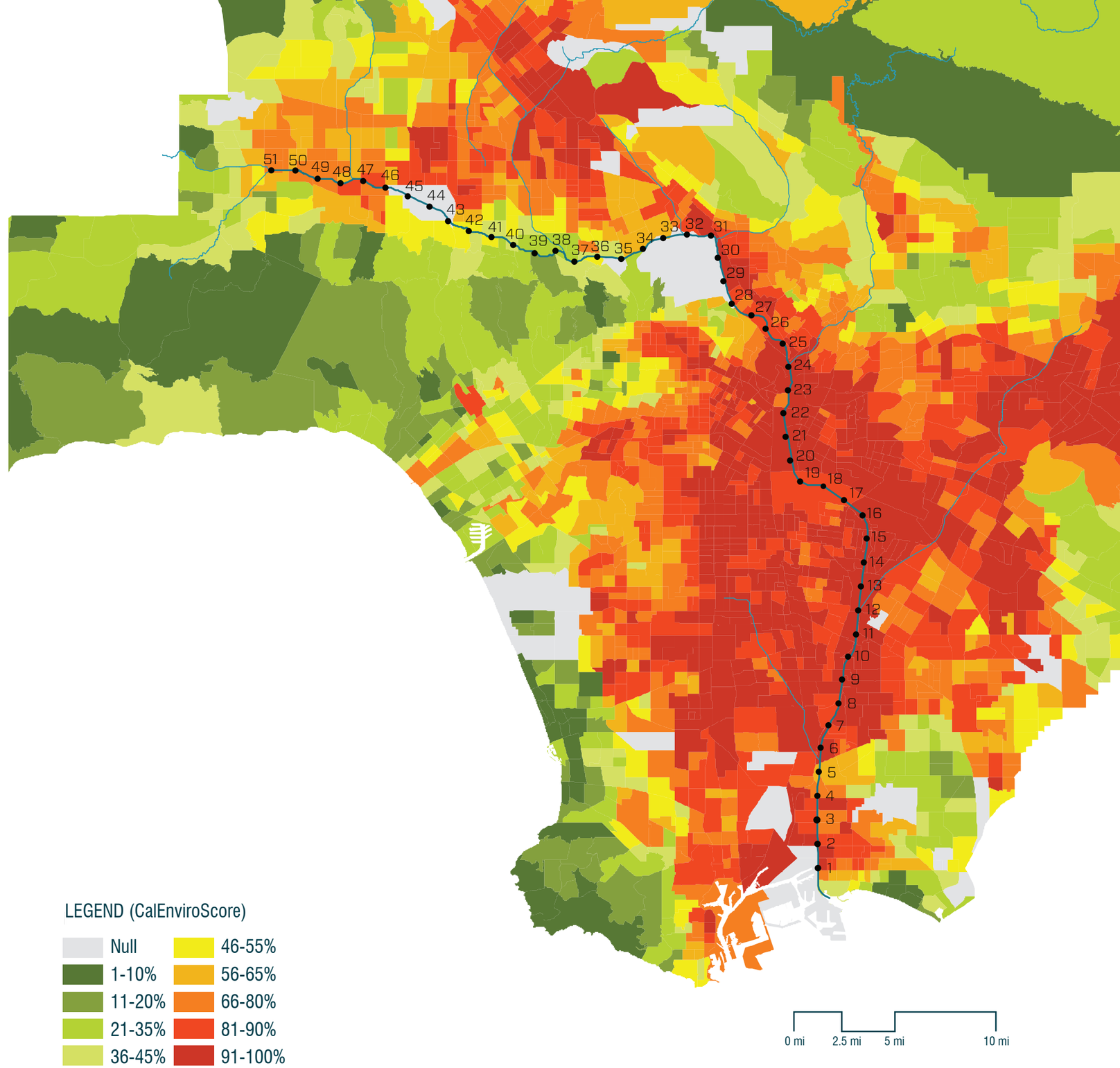
LEGEND POLLUTION BURDEN
CES SCORE OUT OF 8

- 0-1.5
- 1.51-3.0
- 3.01-4.5
- 4.51-6.0
- 6.1-7.72

Source: The Office of Environmental Health Hazard Assessment, 2017

CalEnviroScreen 3.0 SCORE

- Exposure to Pollutants
- Environmental Factors
- Sensitive Populations
- Socioeconomic Factors



Source: The Office of Environmental Health Hazard Assessment, 2017

THE URBAN ENVIRONMENT AND PUBLIC HEALTH CONNECTIONS

$25.4 billion
spent **annually** to treat
6 Chronic Health Conditions
in LA County

1 in 4 children
ages 5-19 are **OBESE**
in **LA County**

$1.3 billion was spent on **ASTHMA**
hospitalizations in **California** in 2010

Source: Cost of Chronic Disease in California: Estimates at the County Level, Brown, Paul M. PhD; Gonzalez, Mariaelena PhD; Dhaul, Ritem Sandhu MPH

OVER 2,100 ACRES OF LAND FILLED WITH POSSIBILITIES

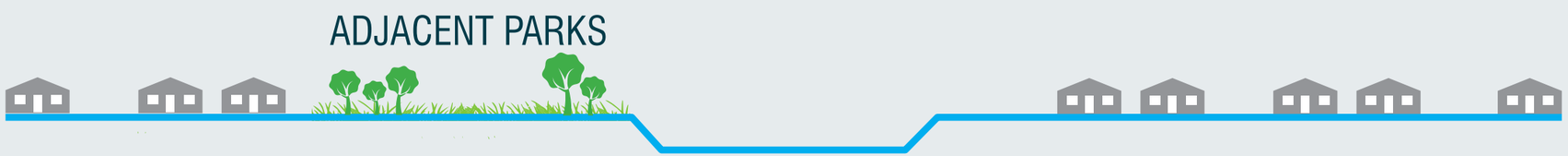
EXISTING DESIGN APPROACHES

EXISTING

WIDEN

1) Los Angeles River Revitalization Master Plan (2007)

DEVELOP ADJACENT



2) Lower Los Angeles River Revitalization Plan (2017)

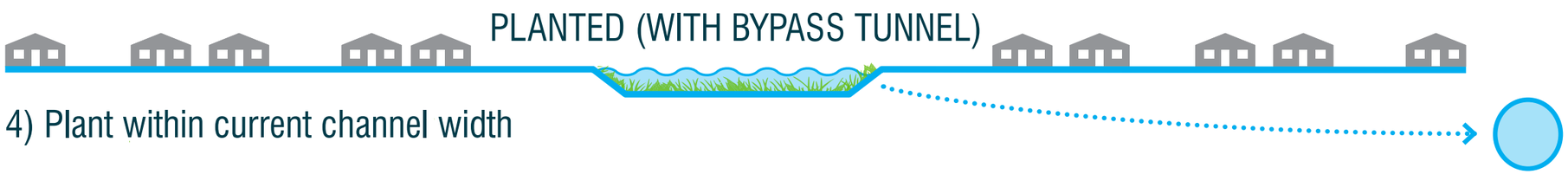
INCREASE WALL HEIGHT

3) Plant within current channel width

EXISTING DESIGN APPROACHES

MODIFIED

DIVERT



4) Plant within current channel width

REGIONAL UPSTREAM DETENTION

5) Plant within current channel width

PLATFORM

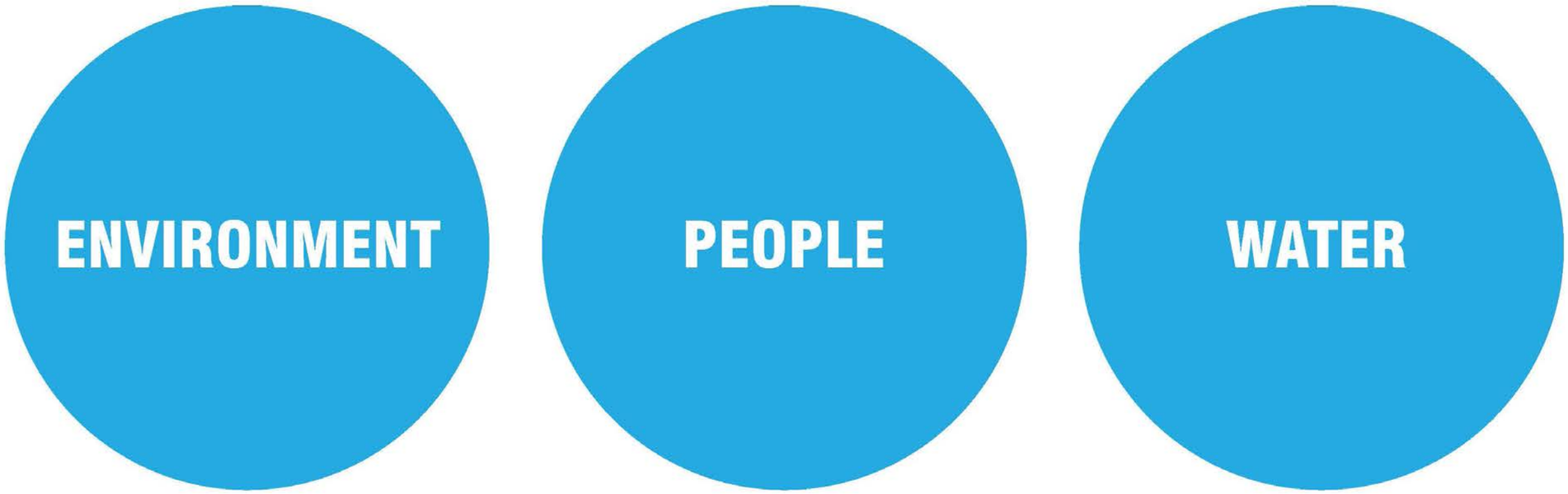
6) Platform over existing channel

MULTI-BENEFIT INFRASTRUCTURE CORRIDORS

Q & A and DISCUSSION

WORK SESSION

SUBCOMMITTEE SIGN-UPS



INITIAL VISION QUESTION

What do you want the new Master Plan to accomplish?

PUBLIC COMMENT

PUBLIC COMMENT

- Verbal comments
  - Speakers to be called in order of speaker cards submitted
  - Up to 15 minutes total for the Public Comment item
  - Total time per person will depend on number of speaker cards received
- Comment cards
- Email comments to LARiver@dpw.lacounty.gov

WRAP UP

KEY DATES AND INFORMATION

Subcommittee Meeting #1: April 25, 2018
Steering Committee Meeting #2: June 27, 2018
Subcommittee Meeting #2: July 11, 2018

Project Outlook

Upcoming Community Outreach Activities

Questions, Input and Comment:
Carolina Hernandez
(626) 458-4322
LARiver@dpw.lacounty.gov

COUNTY OF LOS ANGELES
CALIFORNIA

Geosyntec consultants

OLIN

Gehry Partners, LLP

RIVER LA

KEARNS & WEST

72 and Sunny

MOSAIC
STRATEGIES GROUP