

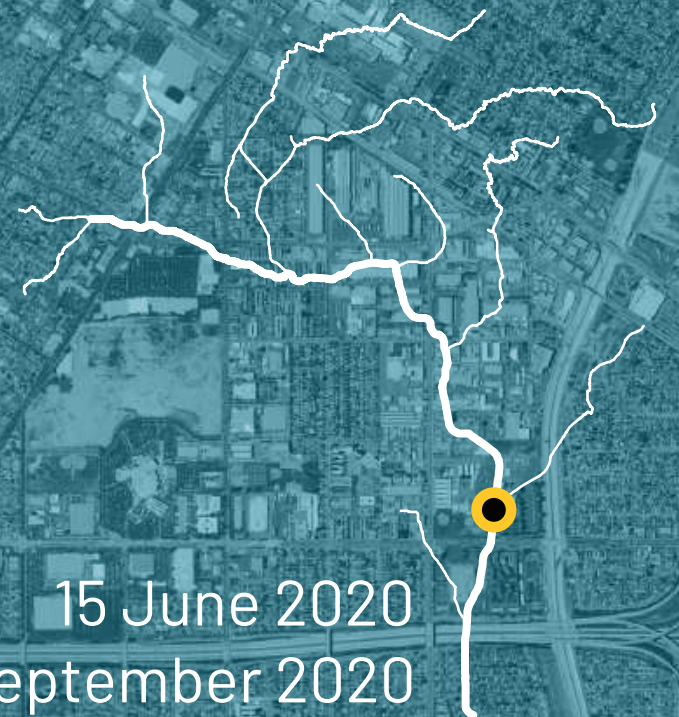
# RIO HONDO CONFLUENCE AREA PROJECT CONCEPT REPORT SUMMARY



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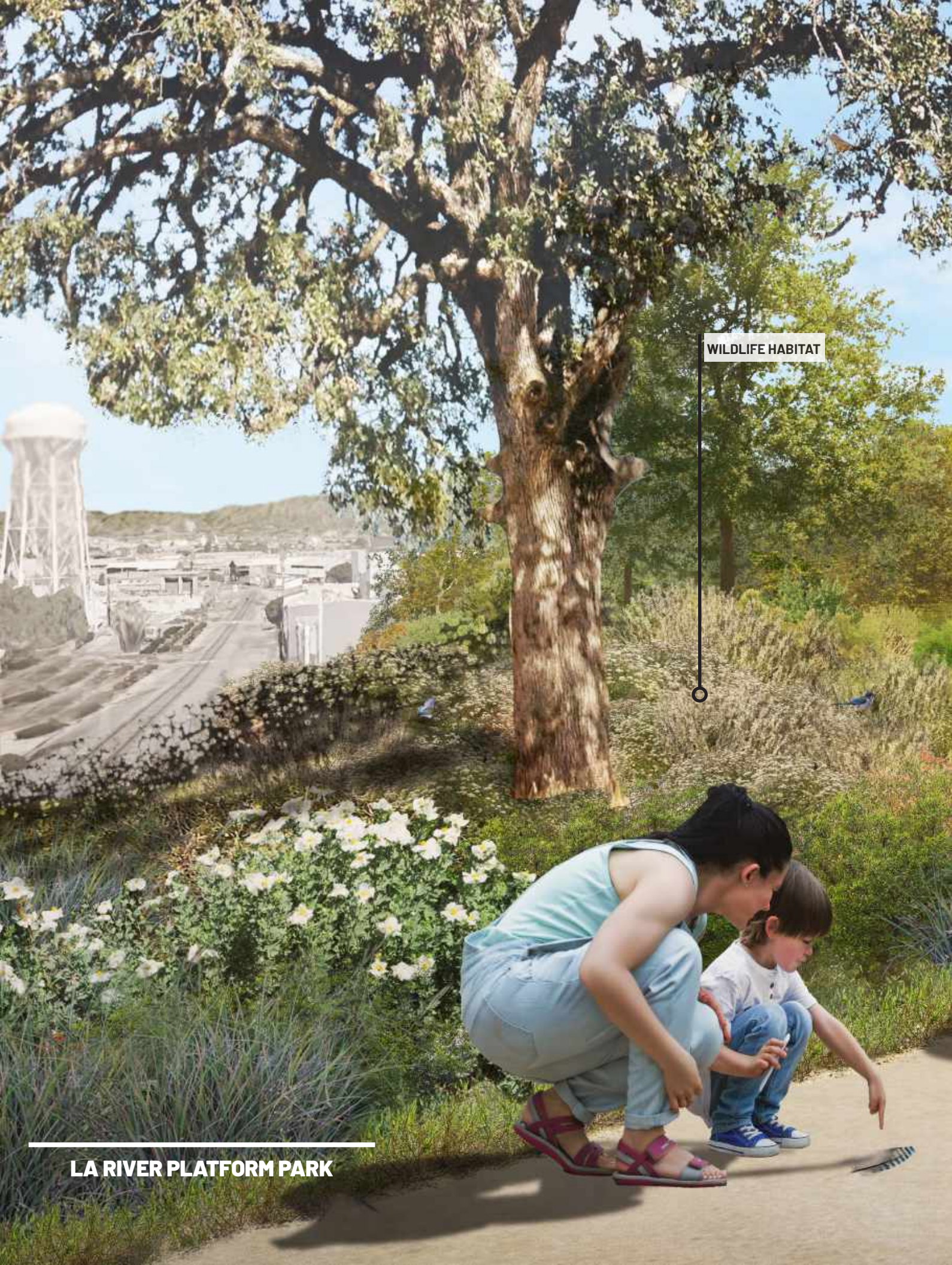


# RIO HONDO CONFLUENCE AREA PROJECT

## COMMUNITY OVERVIEW

The Rio Hondo Confluence Area Project (RHCAP) is located in Southeast Los Angeles (SELA), at the confluence of the LA River and Rio Hondo in the cities of South Gate, Lynwood, and Downey, and is comprised of twelve potential project opportunities that can be phased in accordance with community needs and other planning efforts. The project area was identified as an area of high need in the LA River Index (2016) and the Lower LA River Revitalization Plan (LLARRP, 2018) and is further defined as part of a “Major Project Zone” in the LA River Master Plan Update (expected completion 2020). The RHCAP was chosen based on the LLARRP’s two years of studying and prioritizing opportunities for revitalization along the lower section of the LA River. The LA River and Rio Hondo Confluence site was one of the highest scoring opportunity projects in the LLARRP.

This Concept Report Summary is intended to be used as a synopsis only. Please refer to the complete Rio Hondo Confluence Area Concept Report (June 5, 2020) for more information and an in-depth compilation of the process, projects, and analyses.









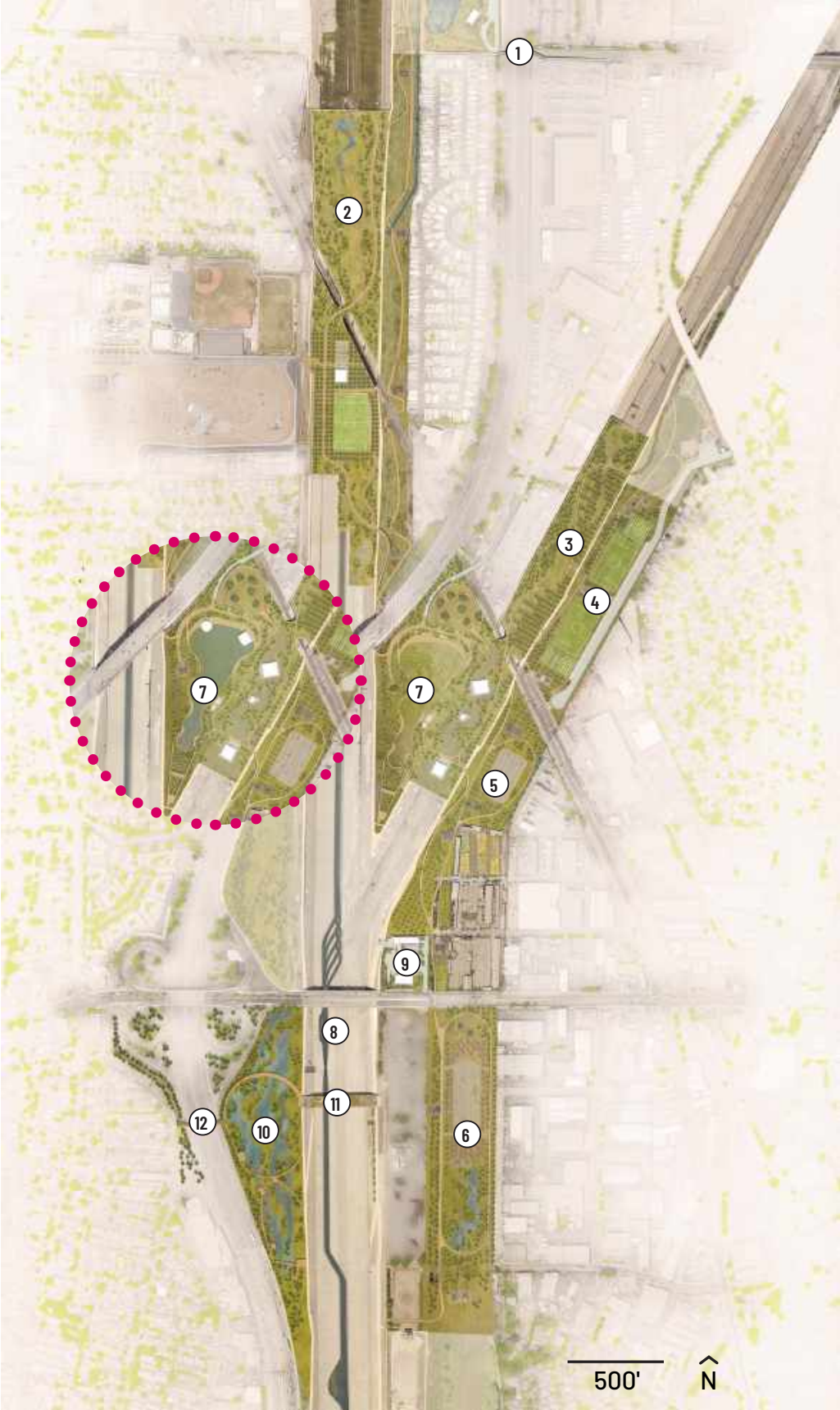
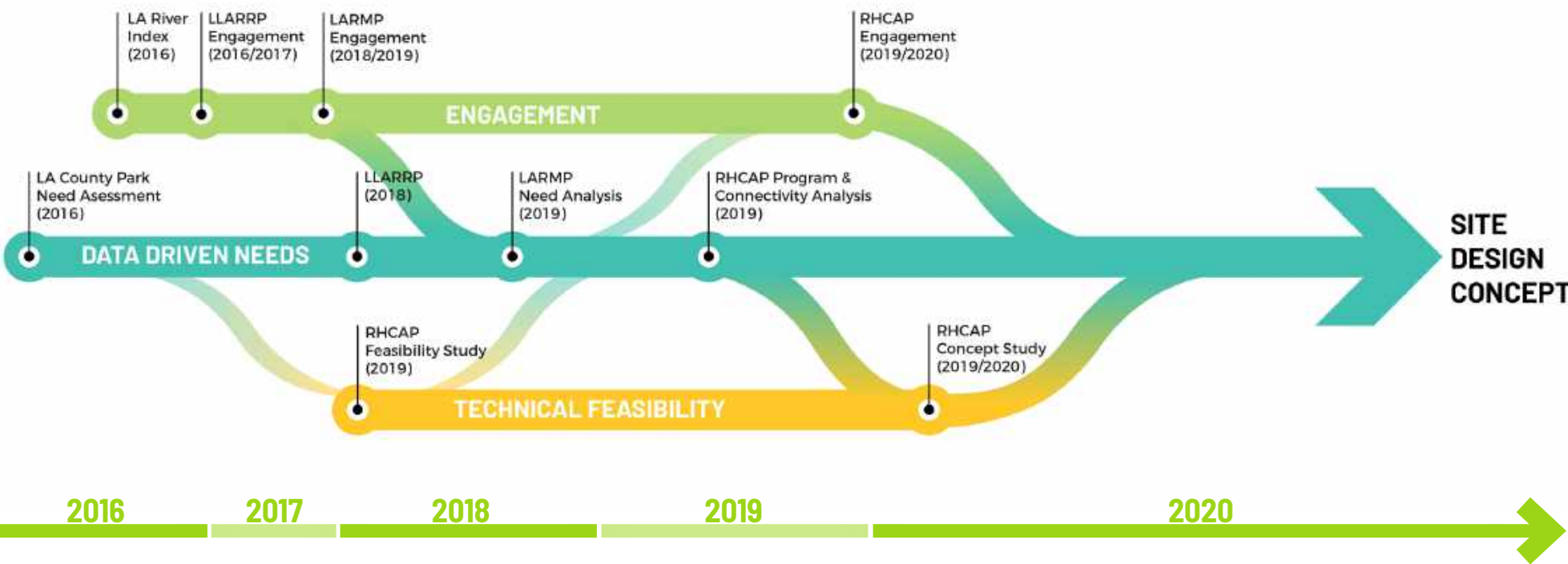
# RIO HONDO CONFLUENCE AREA PROJECT

## CONCEPT REPORT SUMMARY

Because the confluence area was prone to flooding, early development was limited to ranchland, agriculture, and orchards. Throughout the first half of the twentieth century, the introduction of railroad lines, land subdivision, highway construction, and, ultimately, levees and channelization of the LA River allowed the area to develop into a dense built-out matrix for residential, industrial, and commercial uses. With a general lack of open space and limited tree canopy, the study area is now densely populated (10,000 to 30,000 people per square mile), fragmented by infrastructure, and includes neighborhoods that are identified as some of the most vulnerable to pollution and poor health outcomes in LA County.

The communities within the Rio Hondo Confluence Area are in critical need of park space, access to cultural amenities, and improved environmental living conditions. Additionally, as the climate changes and precipitation events become more intense, community resilience should be integrated into all projects within the RHCAP.

This concept phase of work is comprised of three parallel threads: Engagement, Data Driven Needs, and Technical Feasibility. The RHCAP team is working to braid these threads together to combine what is desired, what is needed, and what is possible into projects at the Rio Hondo Confluence. Those threads are illustrated below and shown with examples on the following pages.



### OPPORTUNITY AREA KEY

- |   |  |
|---|--|
| 1 Southern Avenue Connector                     | 7 Confluence Point Park:<br>Baseline + Alternate Options |
| 2 LA River Platform Park                        | 8 Blue Park  |
| 3 Rio Hondo Platform Park                       | 9 Water Education Center                                 |
| 4 South Garfield Transmission Right-of-Way Park | 10 Imperial Wetlands                                     |
| 5 North Imperial Transmission Right-Of-Way Park | 11 SELA Bridge Park                                      |
| 6 South Imperial Transmission Right-Of-Way Park | 12 Lynwood Connector                                     |



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## ENGAGEMENT

Spanning approximately six months from Fall 2019 through Spring 2020, the comprehensive community engagement process consisted of multiple phases of digital and in-person community outreach. Engaging community members through these various types of discussions and interactive means allowed Public Works to collect data and feedback and helped to refine an understanding of program needs, concerns, and desires throughout the Rio Hondo Confluence Area.



Source: OLIN

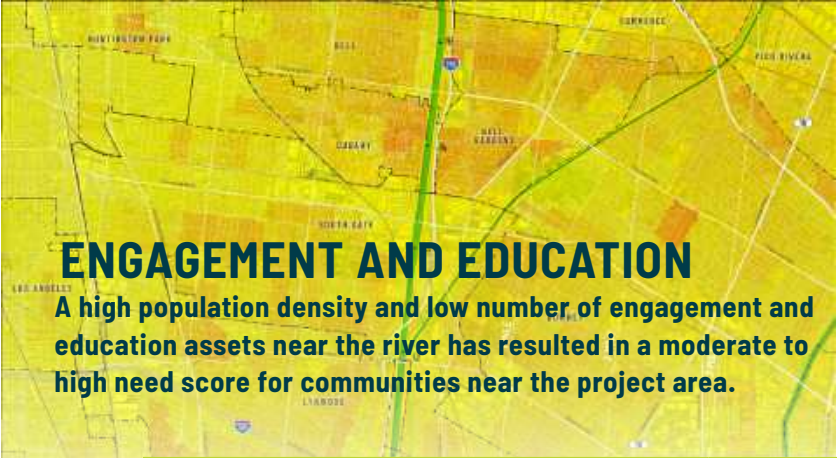
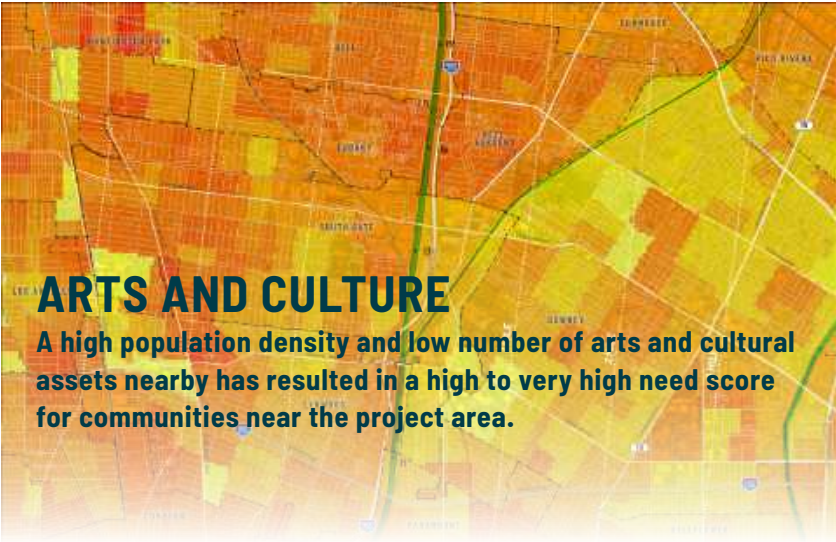
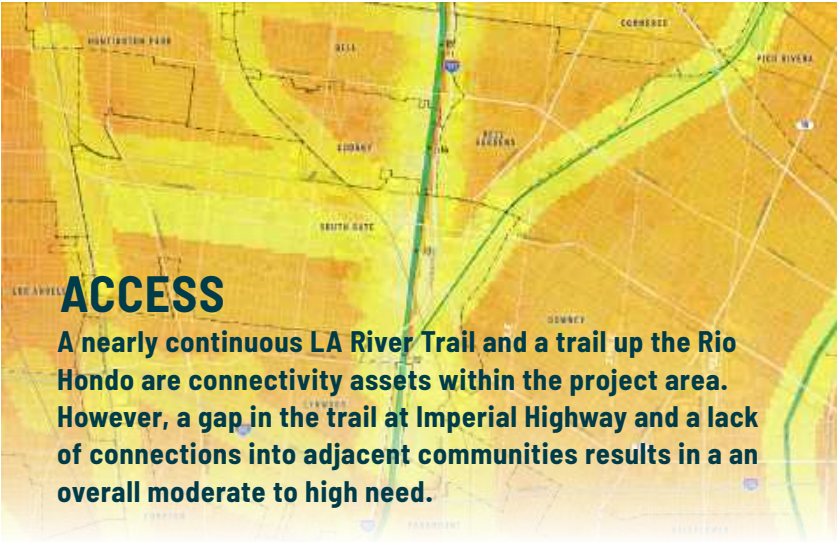
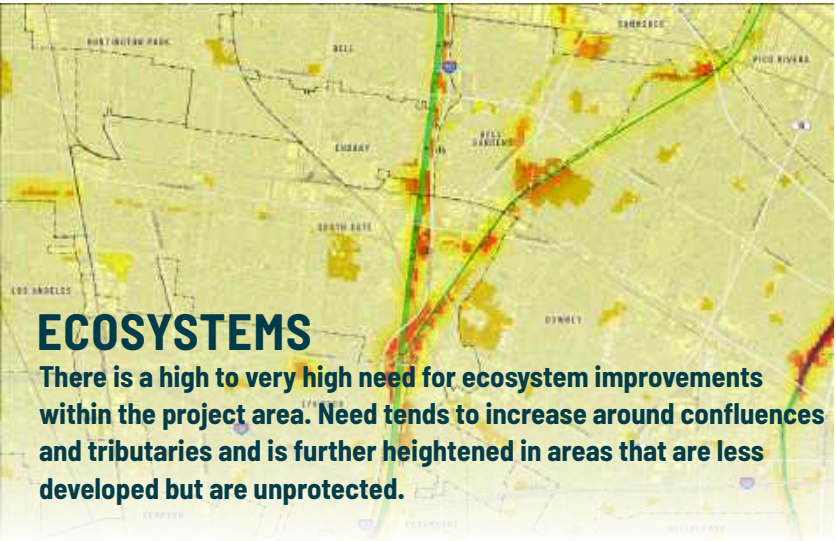
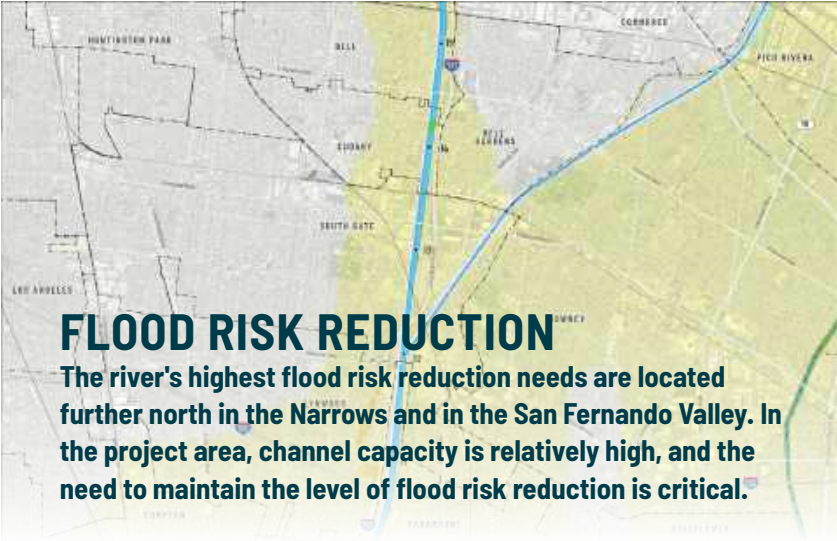




# RIO HONDO CONFLUENCE AREA PROJECT

## DATA DRIVEN NEEDS






The data driven needs assessment builds upon the work in the LLARRP Signature Projects, the needs analysis of the LA River Master Plan, and the RHCAP Feasibility Study to further define specific projects that Public Works or partner agencies can undertake to reimagine this stretch of the LA River and meet community needs.

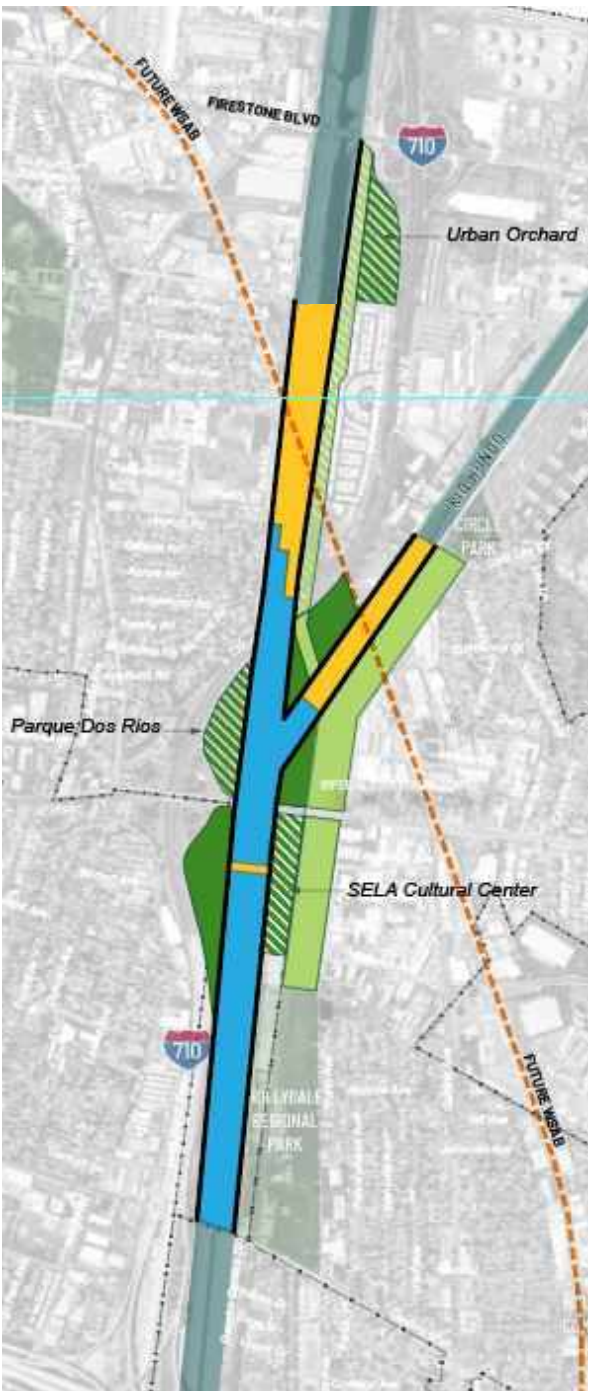




TECHNICAL FEASIBILITY

The technical feasibility process analyzed land use types overlaid with opportunities and constraints tested through extensive 3D modelling for hydraulic analyses as well as connectivity and access studies. The strategies within this Concept Report seek to create connective park space and water resources benefits while realistically addressing channel hydraulics and site needs without reducing the channel’s flood capacity.

LAND TYPES	<div><div></div> PLATFORM</div> 	<div><div></div> ADJACENT</div> 	<div><div></div> ADJACENT (TRANSMISSION RIGHT-OF-WAY)</div> 	<div><div></div> IN-CHANNEL</div> 	<div><div></div> TOP OF LEVEE</div> 
OPPORTUNITIES	<ul style="list-style-type: none"><li>• Land owned by LA County Public Works</li><li>• Year-round use</li><li>• Improves access across the river</li></ul>	<ul style="list-style-type: none"><li>• Construction may be cost effective if land is already owned by LA County or a municipality and not contaminated</li><li>• Year-round use</li><li>• Improves river access</li></ul>	<ul style="list-style-type: none"><li>• Construction may be cost effective if land is not contaminated</li><li>• Improves river access</li></ul>	<ul style="list-style-type: none"><li>• Land owned by LA County Public Works</li><li>• Improves river access</li></ul>	<ul style="list-style-type: none"><li>• Land owned by LA County Public Works</li><li>• Improves river access</li></ul>
CONSTRAINTS	<ul style="list-style-type: none"><li>• Weight must be considered</li><li>• Hydraulic constraints on number of walls / piers in channel</li><li>• Extensive permitting needed to modify existing channel</li></ul>	<ul style="list-style-type: none"><li>• Potential ownership issues</li><li>• Potential contamination issues and high remediation costs</li></ul>	<ul style="list-style-type: none"><li>• Potential ownership issues</li><li>• No permanent uses</li><li>• Height restrictions</li><li>• Limited permanent structures</li></ul>	<ul style="list-style-type: none"><li>• No year-round use</li><li>• Need to ensure water quality protection</li><li>• Hydraulic restrictions</li><li>• Extensive permitting needed to modify existing channel</li></ul>	<ul style="list-style-type: none"><li>• Narrow space for programming</li><li>• Hydraulic restrictions</li><li>• Extensive permitting needed to modify existing levee</li><li>• Maintenance access must not be restricted</li></ul>



# RIO HONDO CONFLUENCE AREA PROJECT

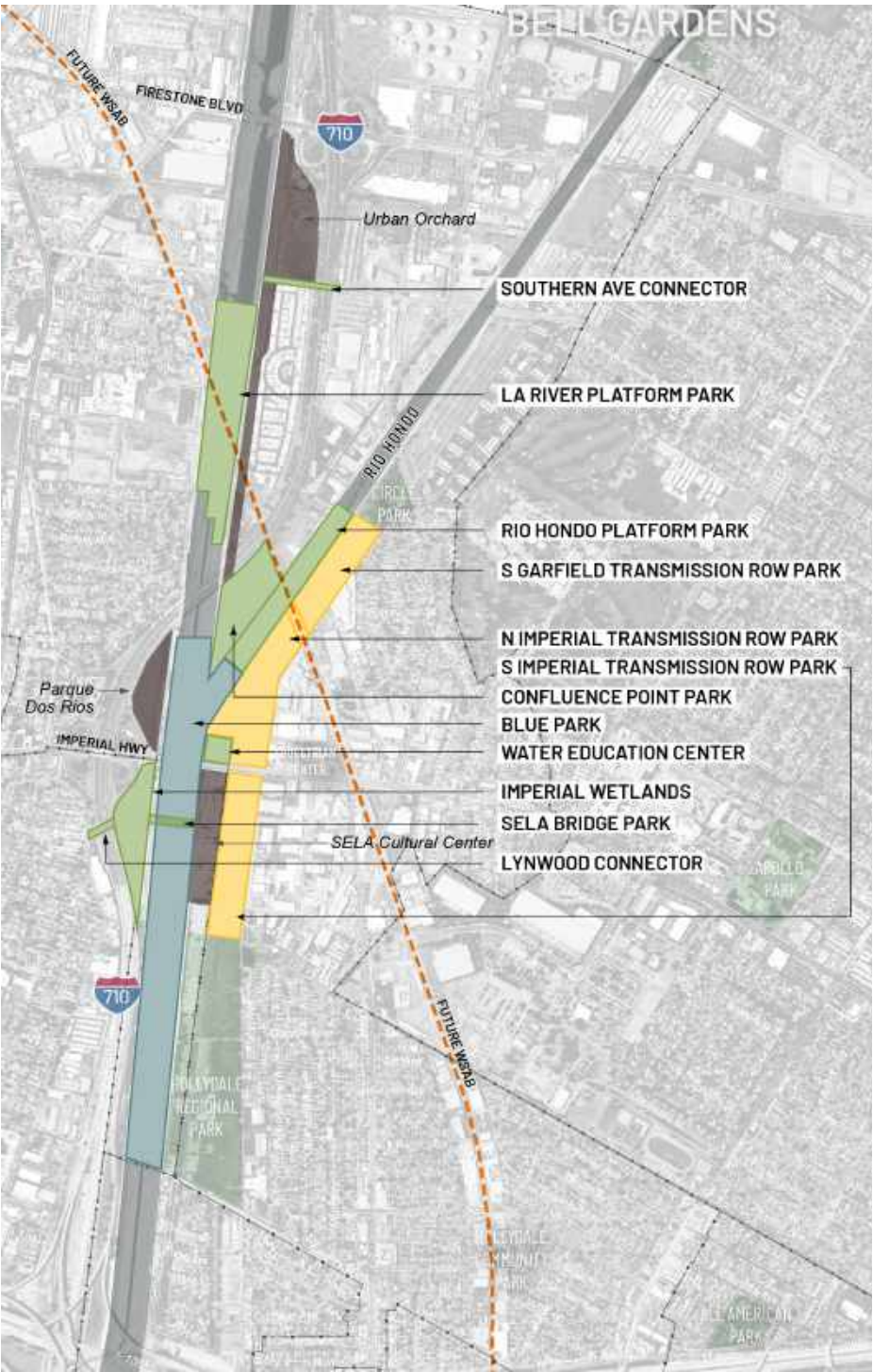
## SITE DESIGN CONCEPT

### Opportunity Areas

Overall, twelve distinct opportunity areas are contained within this report. Multiple projects may be undertaken at once or projects can be phased. Projects include low-flow modifications for habitat improvement and educational opportunities, wetlands for habitat and water quality improvement, bridges for improved connectivity, multi-benefit parks and trails, and platform parks (large-scale bridge parks) to create new open space and foster connectivity, ecosystem function, and cultural resources while respecting the very critical need for flood risk management.

- 1 SOUTHERN AVENUE CONNECTOR (0.5 acres)
- 2 LA RIVER PLATFORM PARK (20.5 acres)
- 3 RIO HONDO PLATFORM PARK (12.0 acres)
- 4 SOUTH GARFIELD TRANSMISSION RIGHT-OF-WAY PARK (13.5 acres)
- 5 NORTH IMPERIAL TRANSMISSION RIGHT-OF-WAY PARK (13.0 acres)
- 6 SOUTH IMPERIAL TRANSMISSION RIGHT-OF-WAY PARK (15.8 acres)
- 7 CONFLUENCE POINT PARK (12.0 acres)
- 8 BLUE PARK (13.5 acres)
- 9 WATER EDUCATION CENTER (2.5 acres)
- 10 IMPERIAL WETLANDS (12.5 acres)
- 11 SELA BRIDGE PARK (1.0 acre)
- 12 LYNWOOD CONNECTOR (0.75 acres)

The SELA Cultural Center, a project of the Rivers and Mountains Conservancy, is adjacent to the RHCAP and is currently at a similar stage of project development. Other projects, such as Parque Dos Rios near the confluence and the Urban Orchard just north of the site are underway. Lastly, the Metro West Santa Ana Branch (WSAB) line, which runs through the site near the confluence, is expected to be complete by 2028 and will significantly transform local and regional transit accessibility. All of these projects together along with other sites north of the Rio Hondo confluence comprise the “Major Project Zone” identified in the LA River Master Plan and therefore must be assessed for social and cultural effects as outlined in the LARMP. Finally, phasing and coordination approaches are recommended that allow the timing of the 12 RHCAP projects to be orchestrated in parallel with other design efforts.

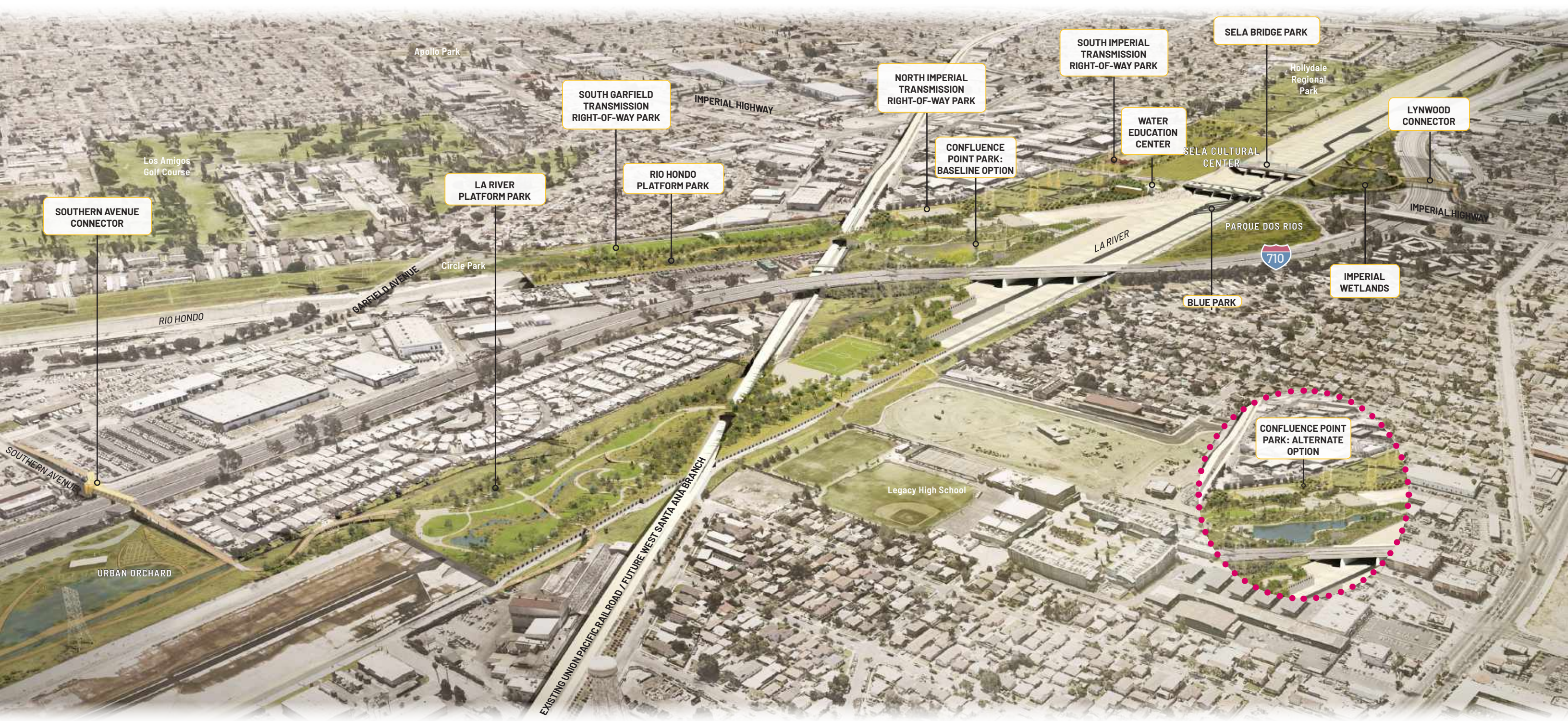


1/2 mile N



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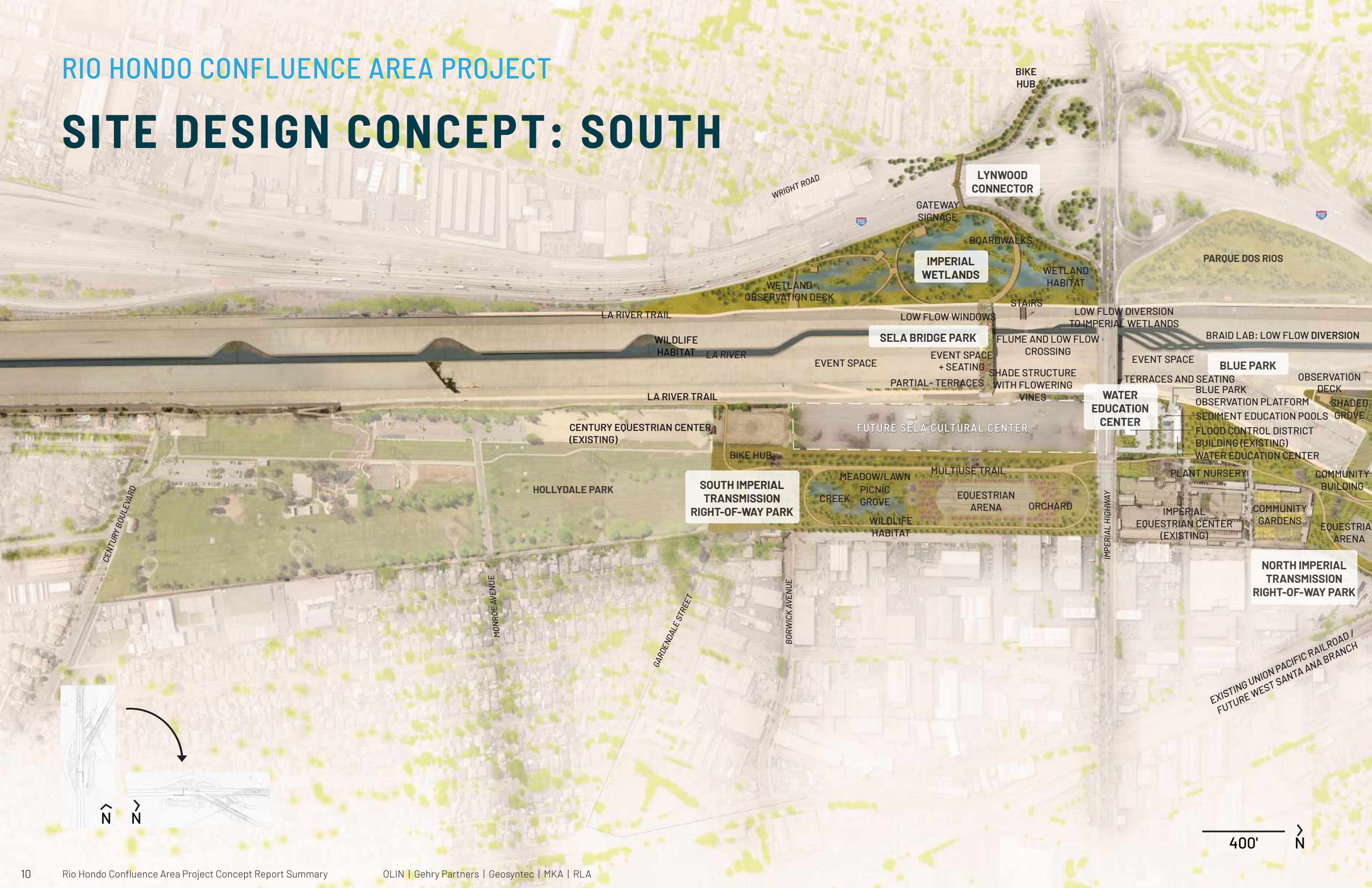
## SITE DESIGN CONCEPT





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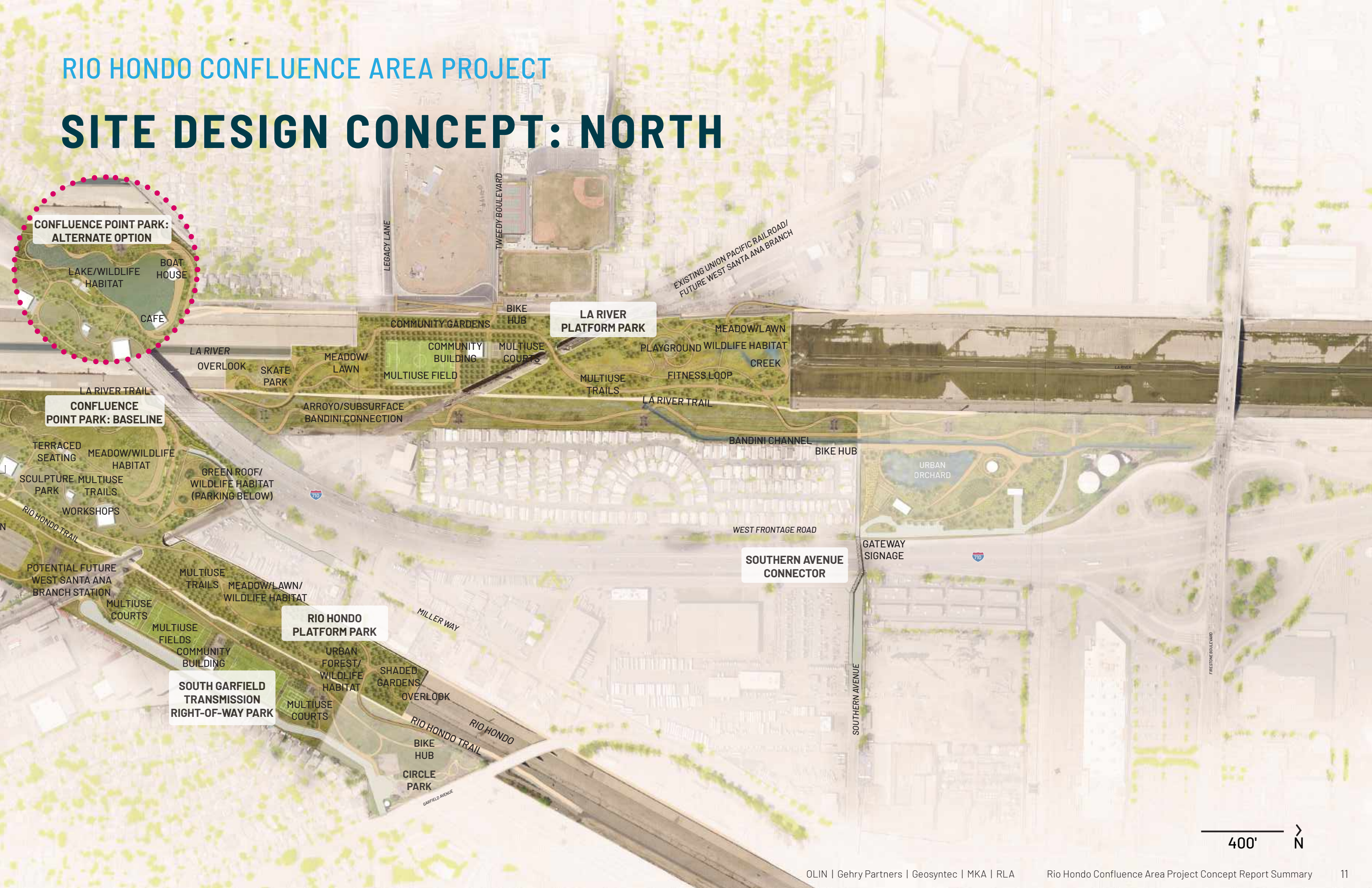
## SITE DESIGN CONCEPT: SOUTH





RIO HONDO CONFLUENCE AREA PROJECT

SITE DESIGN CONCEPT: NORTH

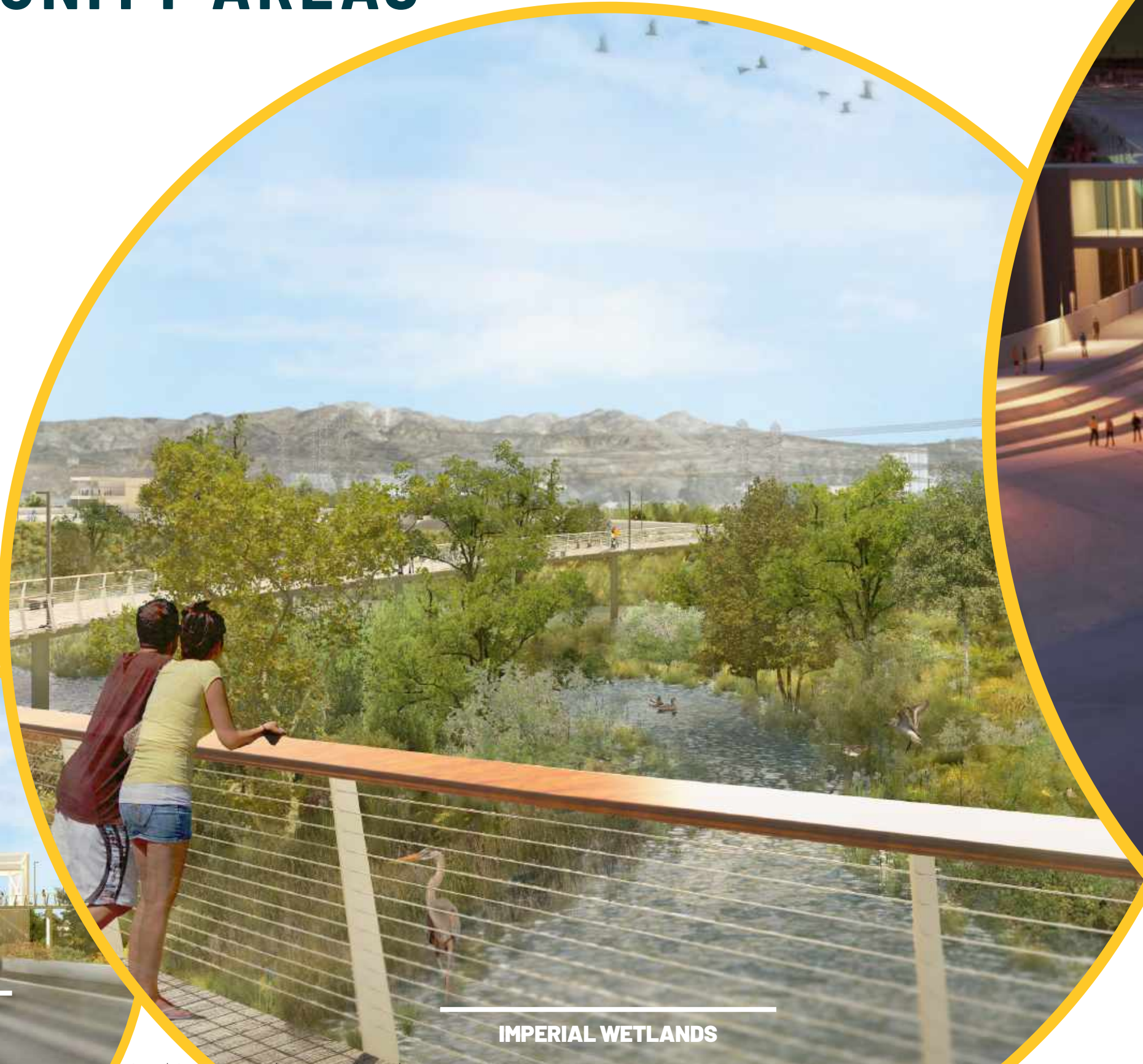




12 OPPORTUNITY AREAS



LYNWOOD CONNECTOR



IMPERIAL WETLANDS







**BLUE PARK**



**CONFLUENCE POINT PARK:  
BASELINE OPTION**



**CONFLUENCE POINT PARK:  
ALTERNATE OPTION**





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