

# 08 / CONNECTIVITY

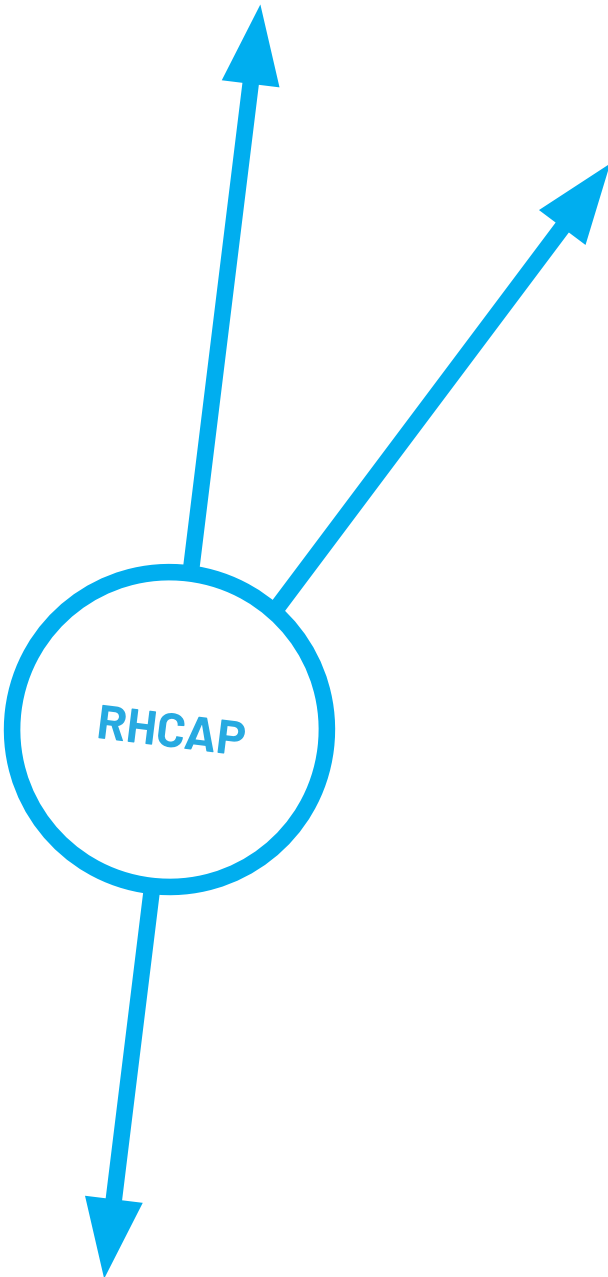
LA RIVER MASTER PLAN CONNECTIVITY STUDY  
LA RIVER MASTER PLAN ACCESS NEED ANALYSIS  
FEASIBILITY STUDY ANALYSIS  
ACCESS CHALLENGES/GAPS  
CONNECTIVITY ELEMENTS  
OVERALL CONNECTIVITY

Source: OLIN

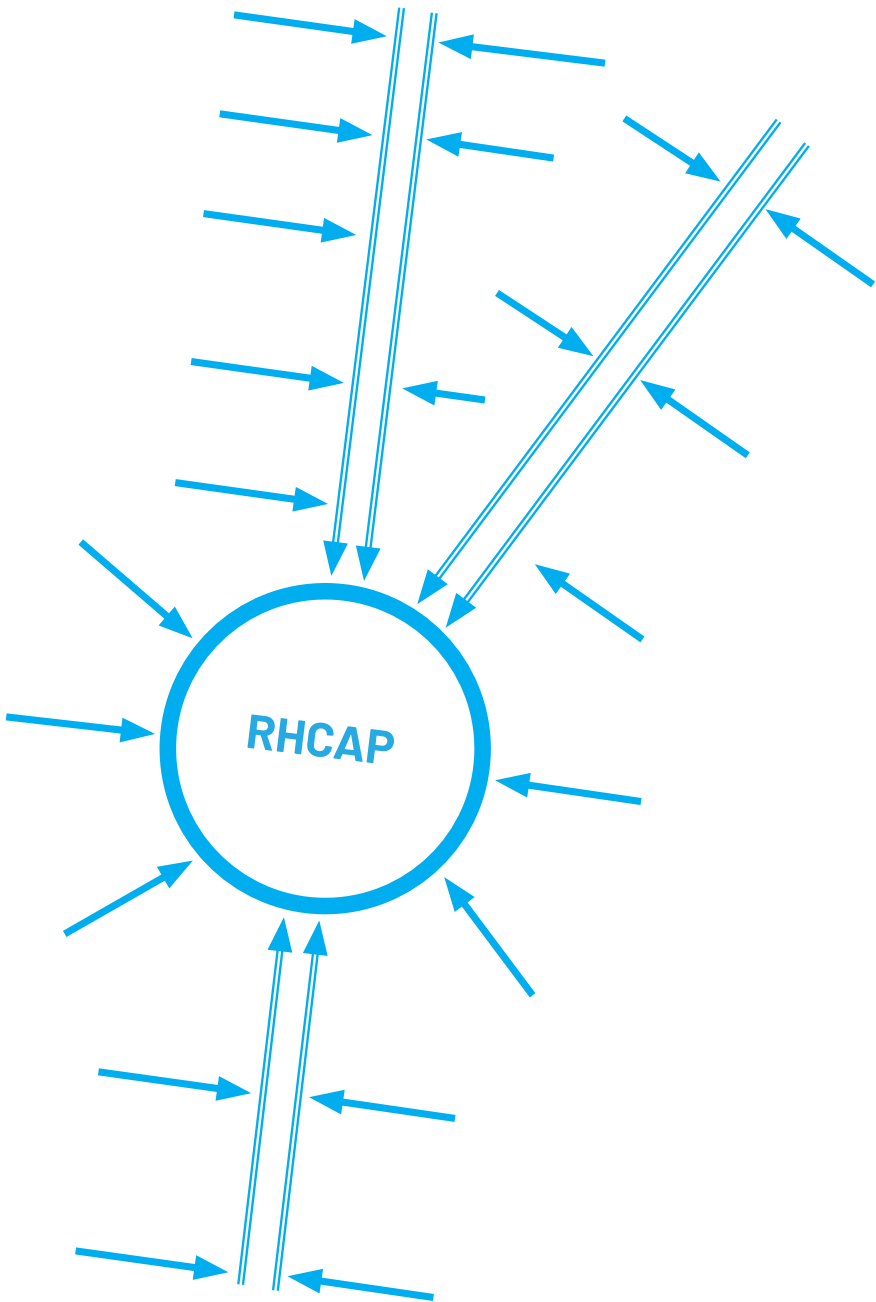
# CONNECTIVITY STUDY

PROJECT GOALS

1. Improve Connectivity through the Confluence



2. Improve Access to the Confluence

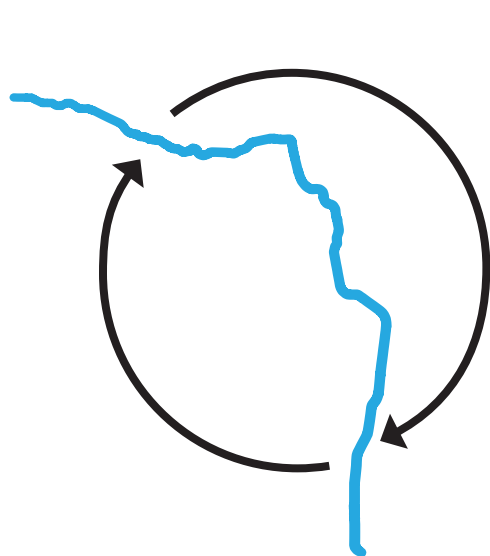




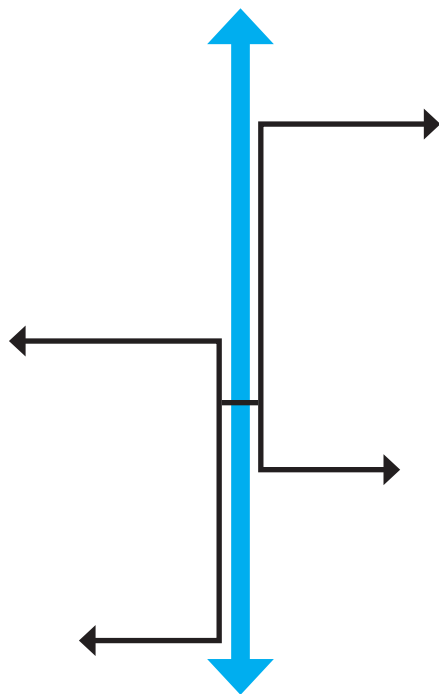
CONNECTIVITY

# CONNECTIVITY STUDY

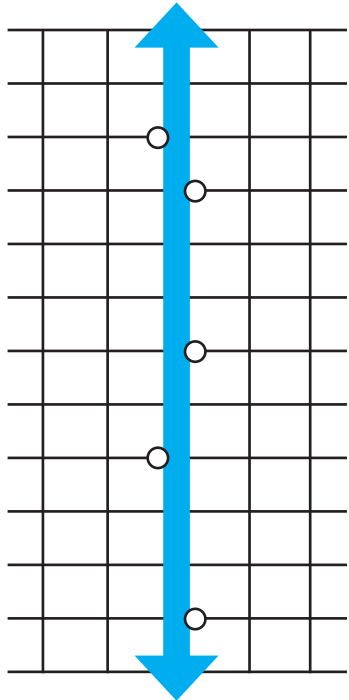
HOW THE RIO HONDO CONFLUENCE AREA PROJECT CAN HELP



REGIONAL  
CONNECTIONS



LOCAL CONNECTIONS  
BETWEEN PROJECTS AND  
EXISTING AMENITIES



CONNECTIONS TO THE  
STREET GRID



SIGNAGE

CONNECTIVITY

# LA RIVER MASTER PLAN CONNECTIVITY ANALYSIS

MAJOR REGIONAL TRAILS

Existing and Planned Class I Bike Paths\* and/or Multiuse Trails

- Existing Regional Trails
- Existing Local Trails
- Planned Trails
- Transmission Line Right-of-Way

Major Existing Regional Trails

#	Name	Uses	Length
1	LA River Trail	Bike, Horseback Riding, Wheelchair Accessible, Walking	30 miles
2	San Gabriel River Trail	Hiking, Mountain Biking, Horseback Riding, Walking	37.8 miles
3	Orange Line	Bike, Inline Skating, Wheelchair Accessible, Walking	32.9 miles
4	Schabarum-Skyline Trail	Hiking, Mountain Biking, Horseback Riding	29.9 miles
5	Rio Hondo River Trail	Hiking, Mountain Biking, Horseback Riding, Walking	15.6 miles
6	The Strand (Marvin Braude Bike Trail)	Bike, Inline Skating, Wheelchair Accessible, Walking	11.5 miles
7	Coyote Creek Bikeway	Bike, Inline Skating, Wheelchair Accessible, Walking	9.5 miles
8	Ballona Creek Bike Path	Hiking, Mountain Biking, Walking	6.7 miles
9	Santa Anita Wash Trail	Hiking, Mountain Biking, Horseback Riding	6.5 miles
10	San Fernando Road Bike Path	Bike, Inline Skating, Wheelchair Accessible, Walking	5.7 miles
11	Palos Verdes Drive N	Bike, Walking	4.8 miles
12	Whittier Greenway	Bike, Inline Skating, Wheelchair Accessible, Walking	4.7 miles
13	Shoreline Beach	Bike, Inline Skating, Wheelchair Accessible, Walking	4.1 miles

Source: OLIN, based on LA County GIS Data Portal, Countywide Multi-Use Trails, 2019; LA County GIS Data Portal, Bike Ways, 2017; LA Metro Active Transportation Strategic Plan, 2016.  
\* Some Class I bike paths may also incorporate multiuse segments.



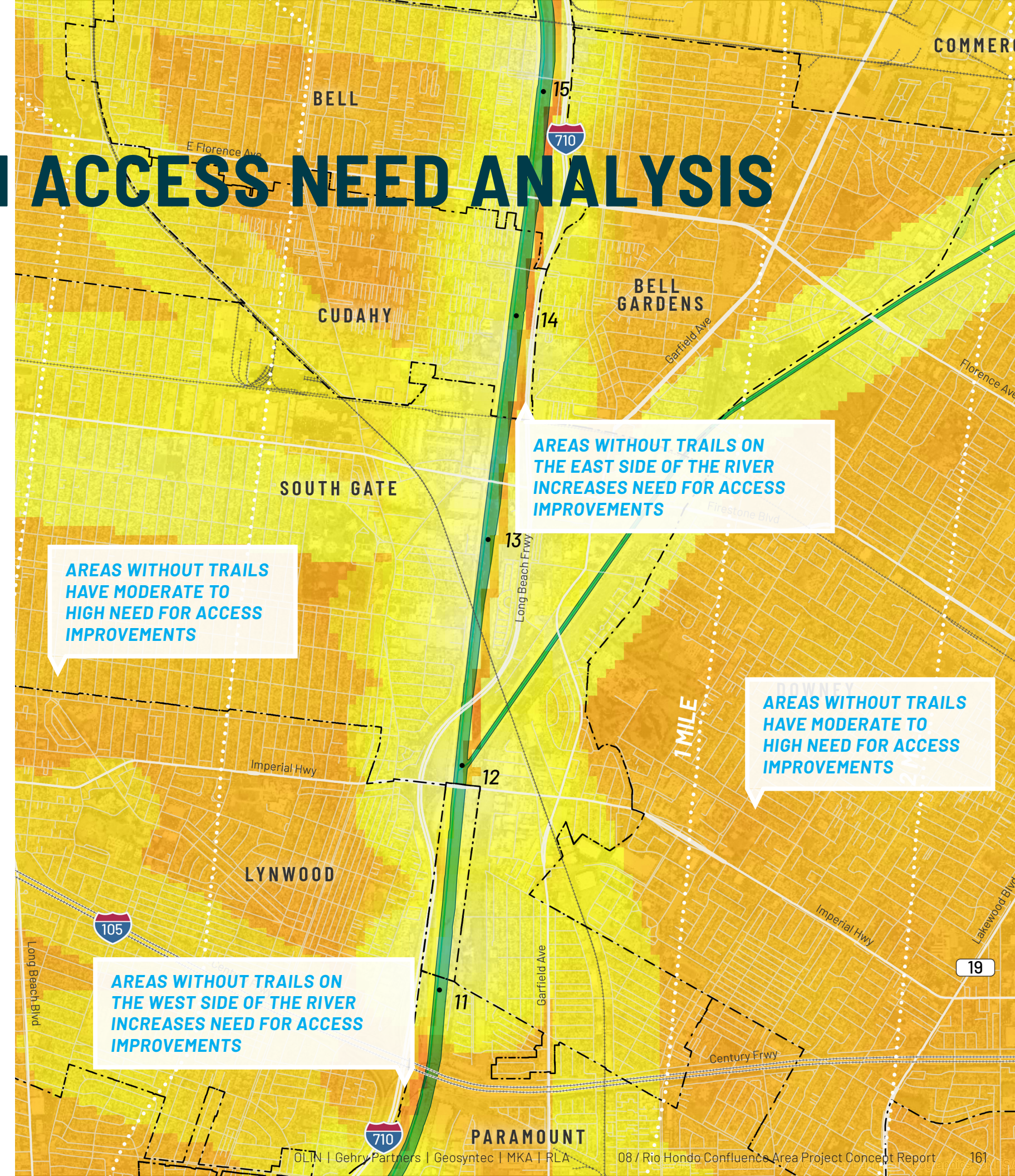
## CONNECTIVITY

# LA RIVER MASTER PLAN ACCESS NEED ANALYSIS

A nearly continuous LA River Trail and a trail up the Rio Hondo are connectivity assets within the project area. However, the trail becomes disconnected when it changes from the east to the west side of the river, as it is difficult to cross via Imperial Highway. This gap and a lack of connections into adjacent communities results in an overall moderate to high need.

Within this 4 mile stretch of the river:

- 7 of the existing LA River Trail access points in the study area are ADA accessible.
- The LA River is only accessible on the east bank south of Imperial Highway and only on the west bank north of Imperial Highway.
- There are no pedestrian-only bridges across the river; therefore, pedestrian crossings are limited to two bridges, which require pedestrians to commute adjacent to motorized traffic.

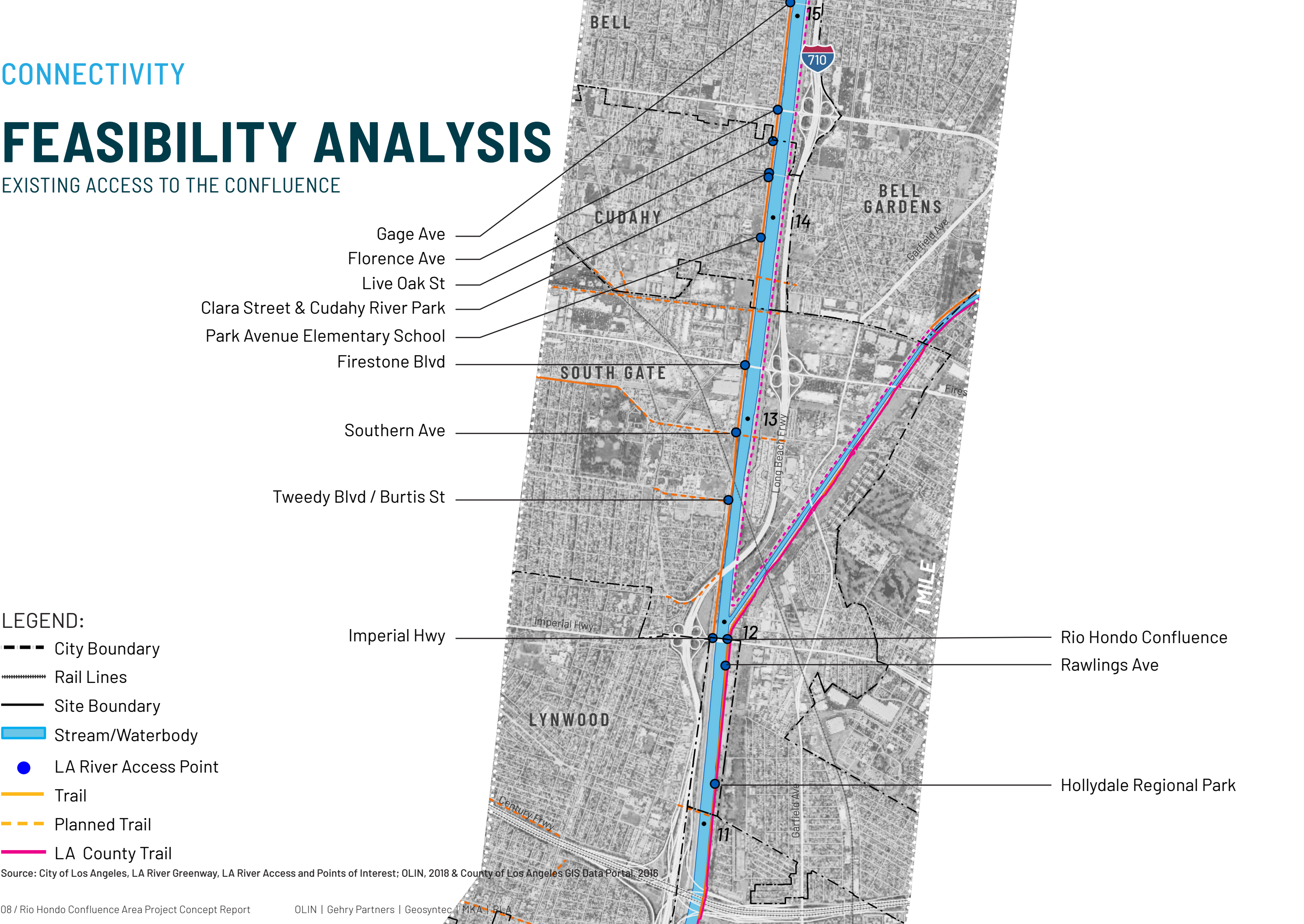




CONNECTIVITY

# FEASIBILITY ANALYSIS

EXISTING ACCESS TO THE CONFLUENCE





# FEASIBILITY ANALYSIS

## EXISTING ACCESS TO THE CONFLUENCE

NAME	SIDE OF RIVER	ADA ACCESS	GATE	CONNECTION TO SIDEWALK	CONNECTION TO PEDESTRIAN BRIDGE	EMERGENCY VEHICLE ACCESS	ADDITIONAL DESCRIPTION
Gage	River Right	Yes	Yes	Yes	Yes	No	Sloped path on two sides of E Gage Ave from sidewalk to river trail
Florence	River Right	Yes	Yes	Yes	Yes	No	Sloped path on two sides of Florence Ave from sidewalk to river trail
Live Oak	River Right	Yes	Yes	Yes	No	No	Sloped path from cul-de-sac to river trail
Clara	River Right	Yes	Yes	Yes	Yes	No	Sloped path on one sides of Clara St from sidewalk to river trail
River Rd at Cudahy River Park	River Right	Yes	Yes	Yes	No	No	Cudahy River Park
River Rd at Park Ave. Elementary	River Right	Yes	Yes	Yes	No	No	Mural wall with gate at Park Avenue Elementary School
Firestone	River Right	Yes	Yes	Yes	Yes	No	Sloped path on two sides of Firestone Blvd from sidewalk to river trail
Southern	River Right	Yes	Yes	No	No	No	Decorative butterfly fence and gate
Tweedy / Burtis	River Right	Yes	Yes	No	No	Yes	Legacy High School
Imperial	River Right	Yes	Yes	Yes	Yes	Yes	Sloped path on two sides of Imperial Hwy from sidewalk to river trail
Rio Hondo Confluence	River Left	Yes	Yes	Yes	Yes	No	Sloped path on two sides of Imperial Hwy from sidewalk to river trail
Hollydale Park	River Left	Yes	Yes	Yes	No	Yes	Stairs and ramp

CONNECTIVITY

# FEASIBILITY ANALYSIS

PUBLIC TRANSIT

**BUS LINES SERVING PROJECT AREA:**

111, 115, 117, 120, 258, 260, 611, 612, 762

LEGEND:

- City Boundary
- Rail Lines
- Site Boundary
- Stream/Waterbody
- Bus Stop/Route
- Metroline Stop/Route
- Planned Metroline Stop/Route

Source: City of Los Angeles, LA River Greenway, LA River Access and Points of Interest; OLIN, 2018 & County of Los Angeles GIS Data Portal, 2016

Planned Firestone Station

Potential LA River Station

Planned Gardendale Station

Planned I-105 Station



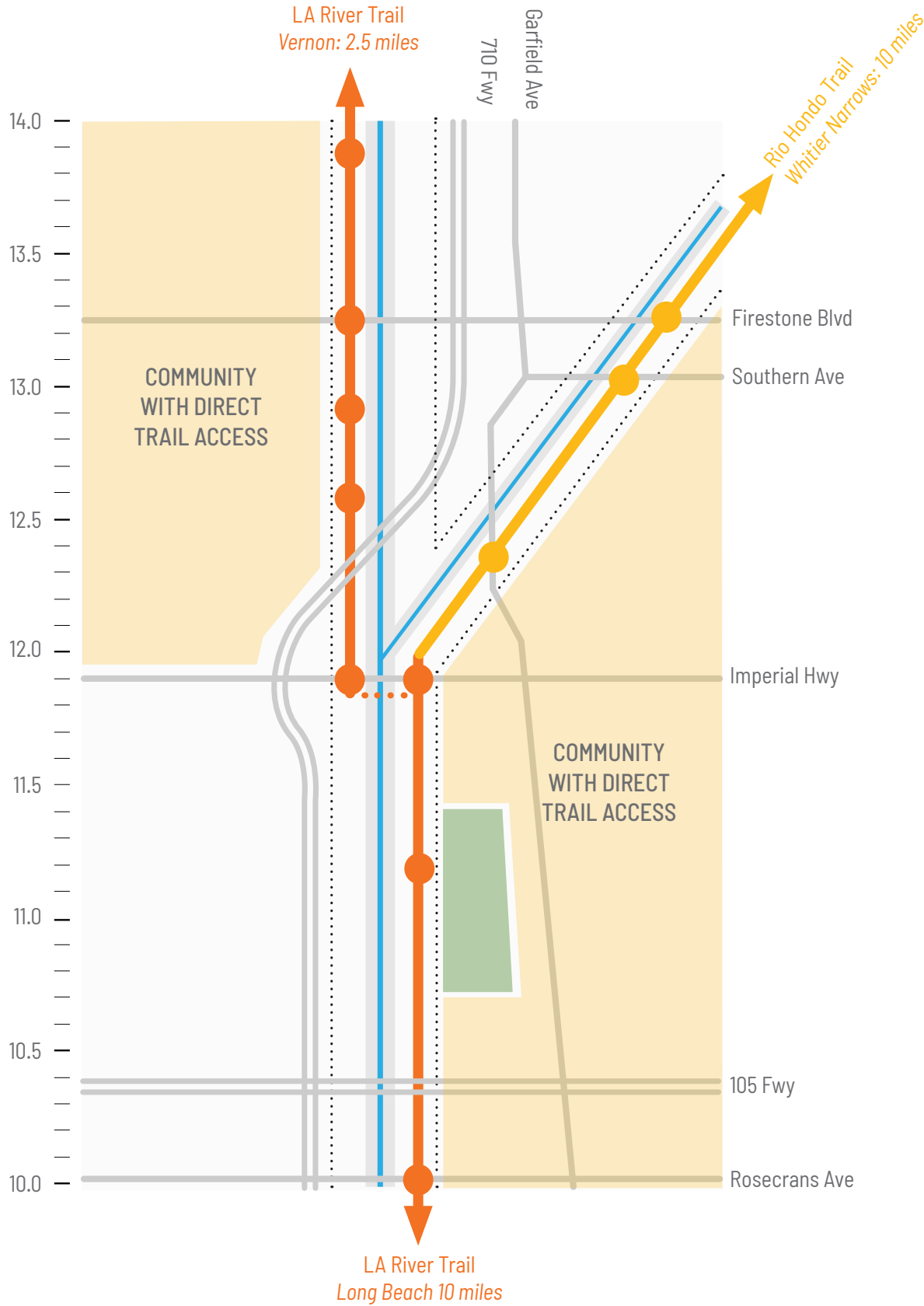
# ACCESS CHALLENGES/GAPS

EXISTING TRAIL ACCESS

LA River Multiuse Trail



Rio Hondo Multiuse Trail

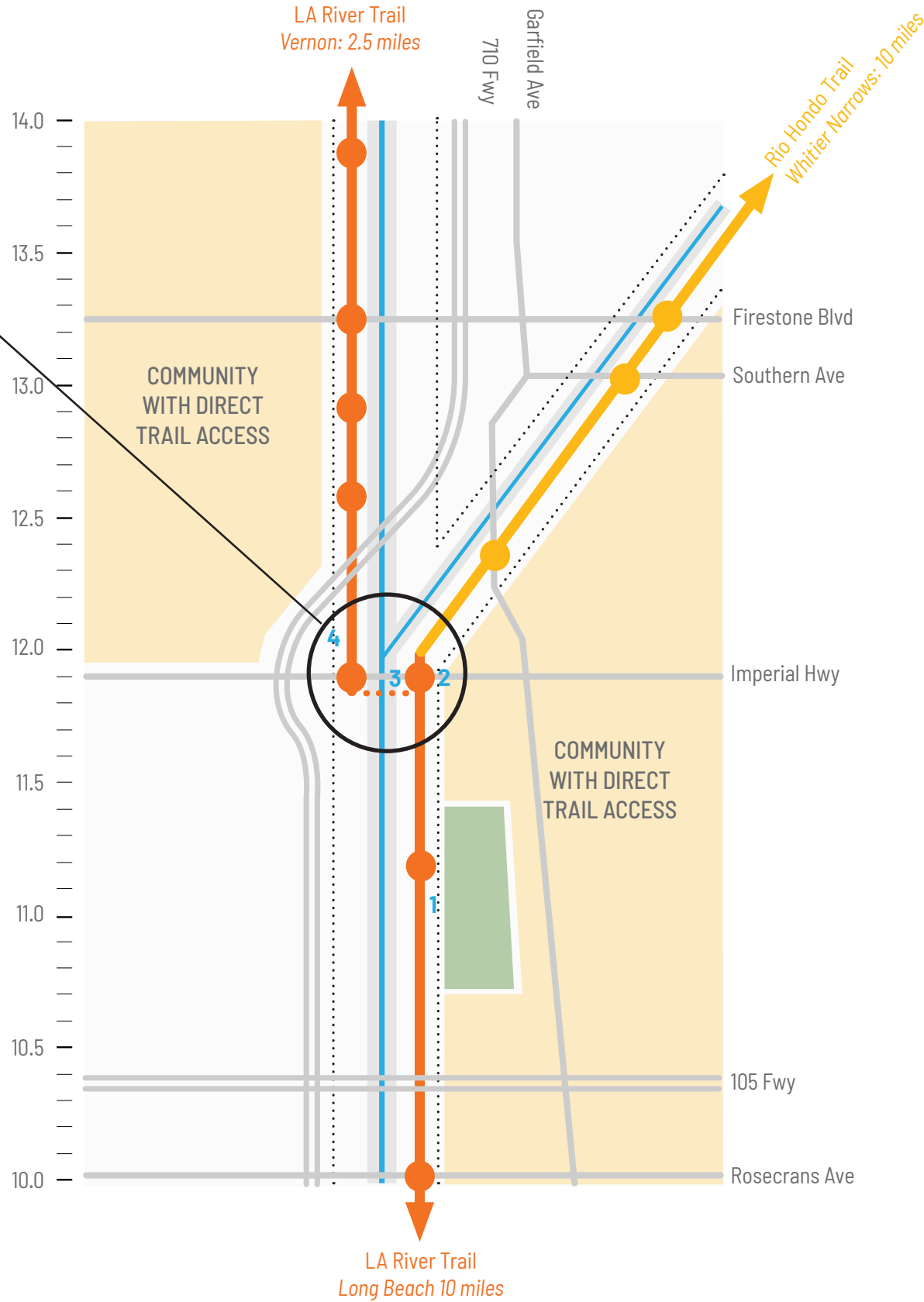
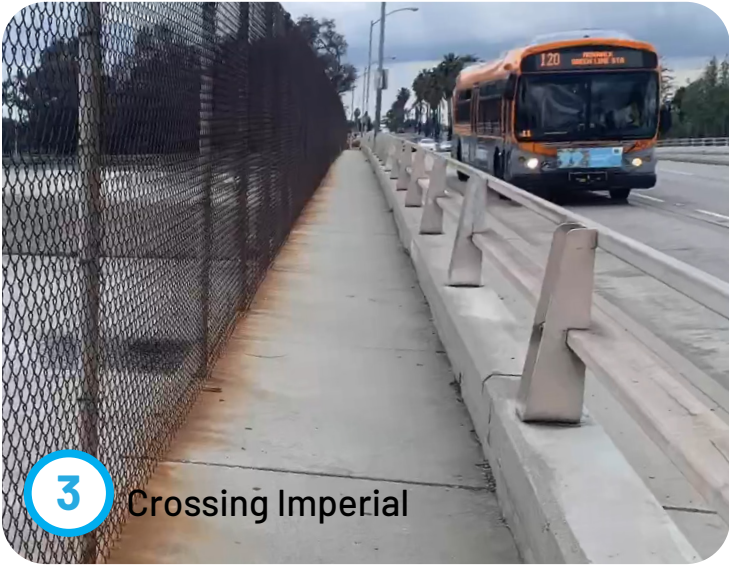
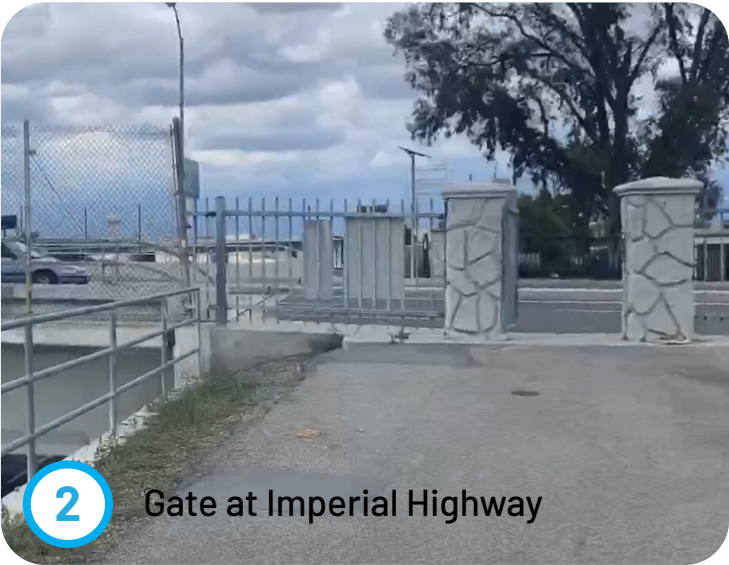




# ACCESS CHALLENGES/GAPS

TRAIL SHIFT AT IMPERIAL HWY BRIDGE

LA River Trail East/West Bank Shift at Imperial Highway Bridge





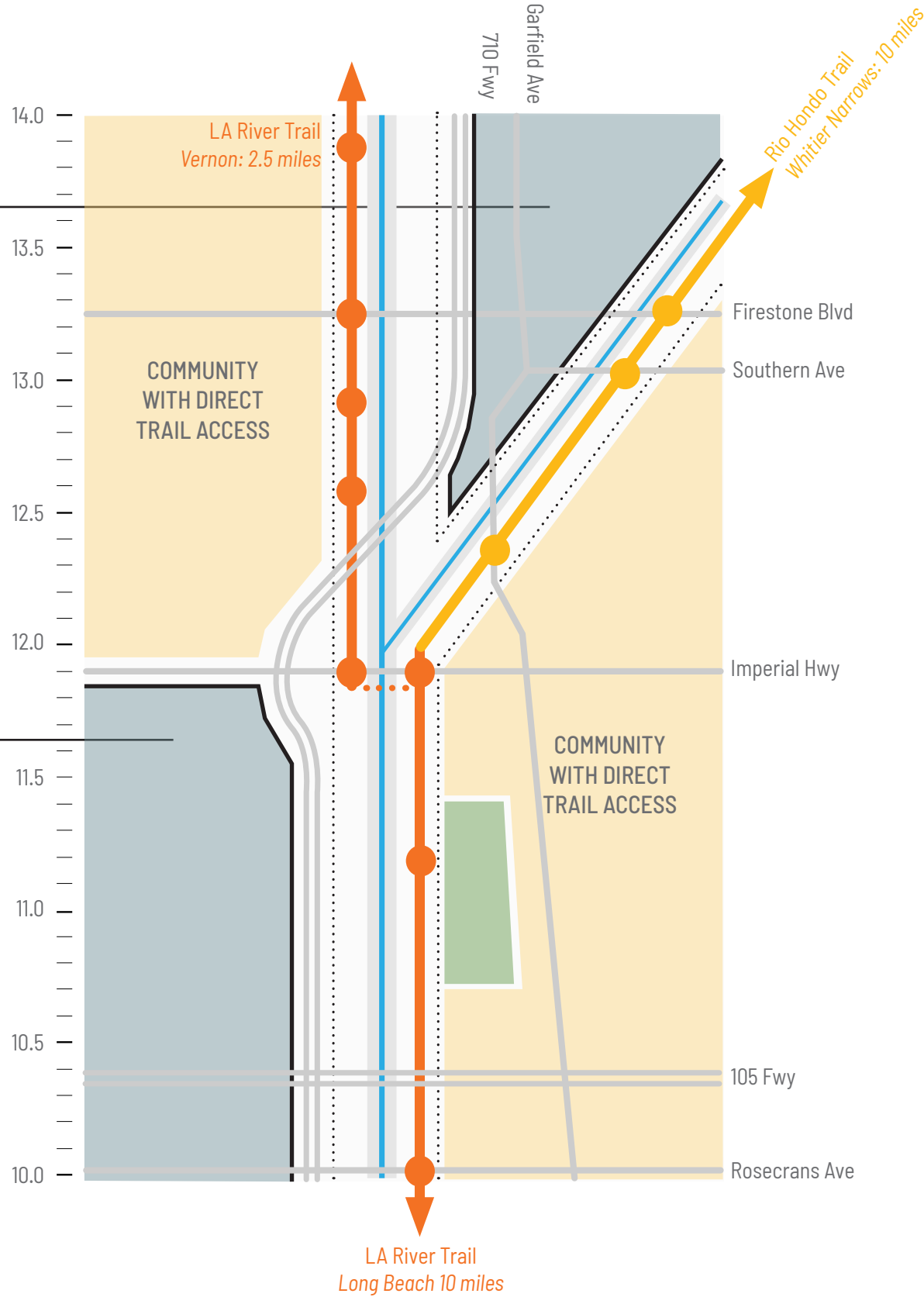
# ACCESS CHALLENGES/GAPS

NEIGHBORHOODS IN NEED OF RIVER CONNECTIVITY

No River Access Due to I-710: Bell Gardens



No River Access Due to I-710: Lynwood



# ACCESS CHALLENGES/GAPS

## PEDESTRIAN BRIDGES

### INCREASE SAFE TRANSPORTATION ROUTES TO THE RIVER.

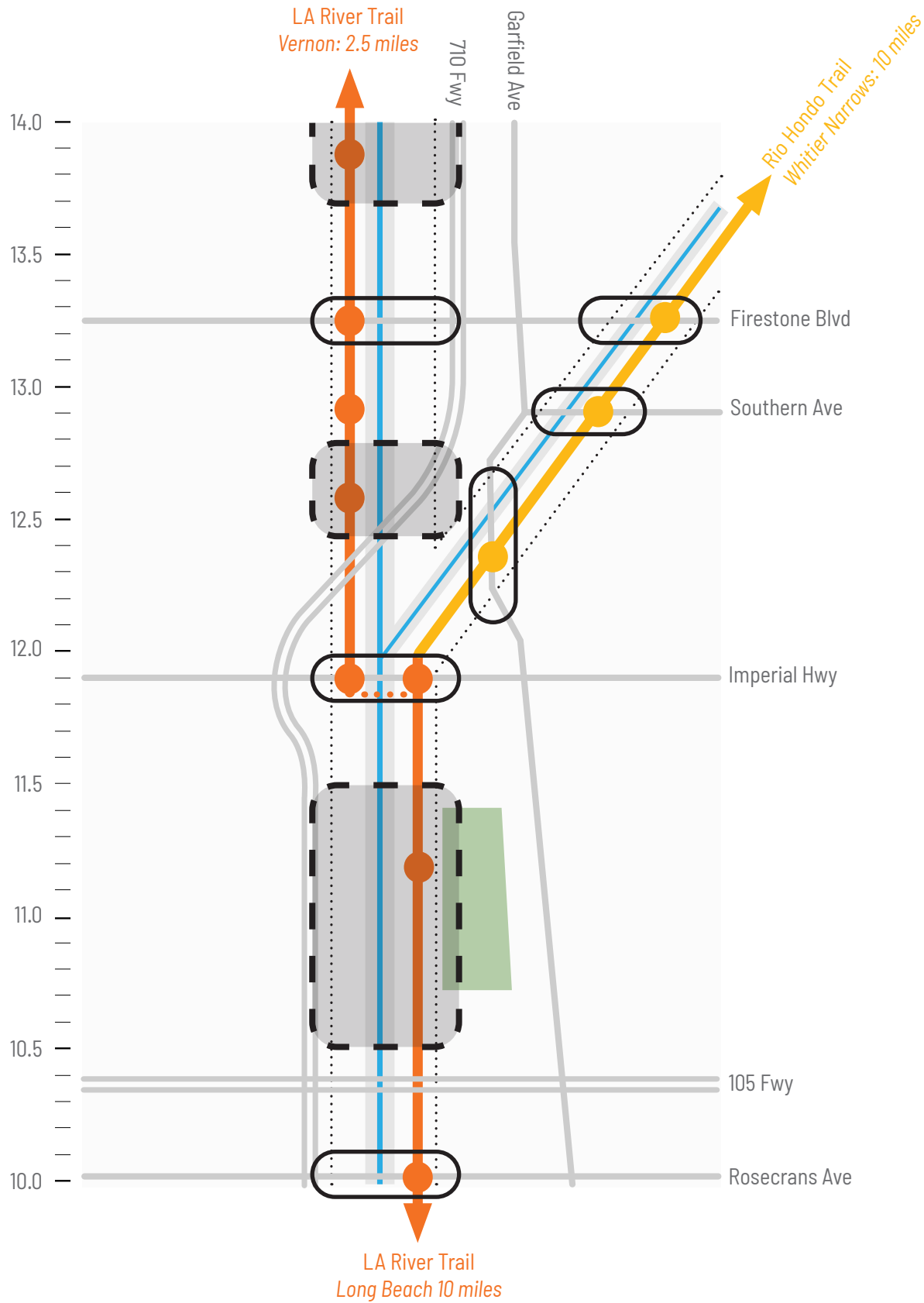
#### Goal Actions Related to Trail Crossings:

- Provide pedestrian and bicycle connections across the river every half mile.
- Encourage all new pedestrian or road bridges over the river to provide pedestrian and bicycle access to the river trail.
- Increase the extent of multiuse trails that connect to the river with separate paths for active transport, pedestrians, and equestrians.

Area greater than 1/2 mile from a pedestrian/bike accessible bridge

Existing pedestrian/bike accessible bridge\*

\*Note there are no pedestrian/bike only bridges within the project area. Pedestrian/bike accessible crossings at Firestone, Imperial, and Rosecrans are directly adjacent to motorized traffic.

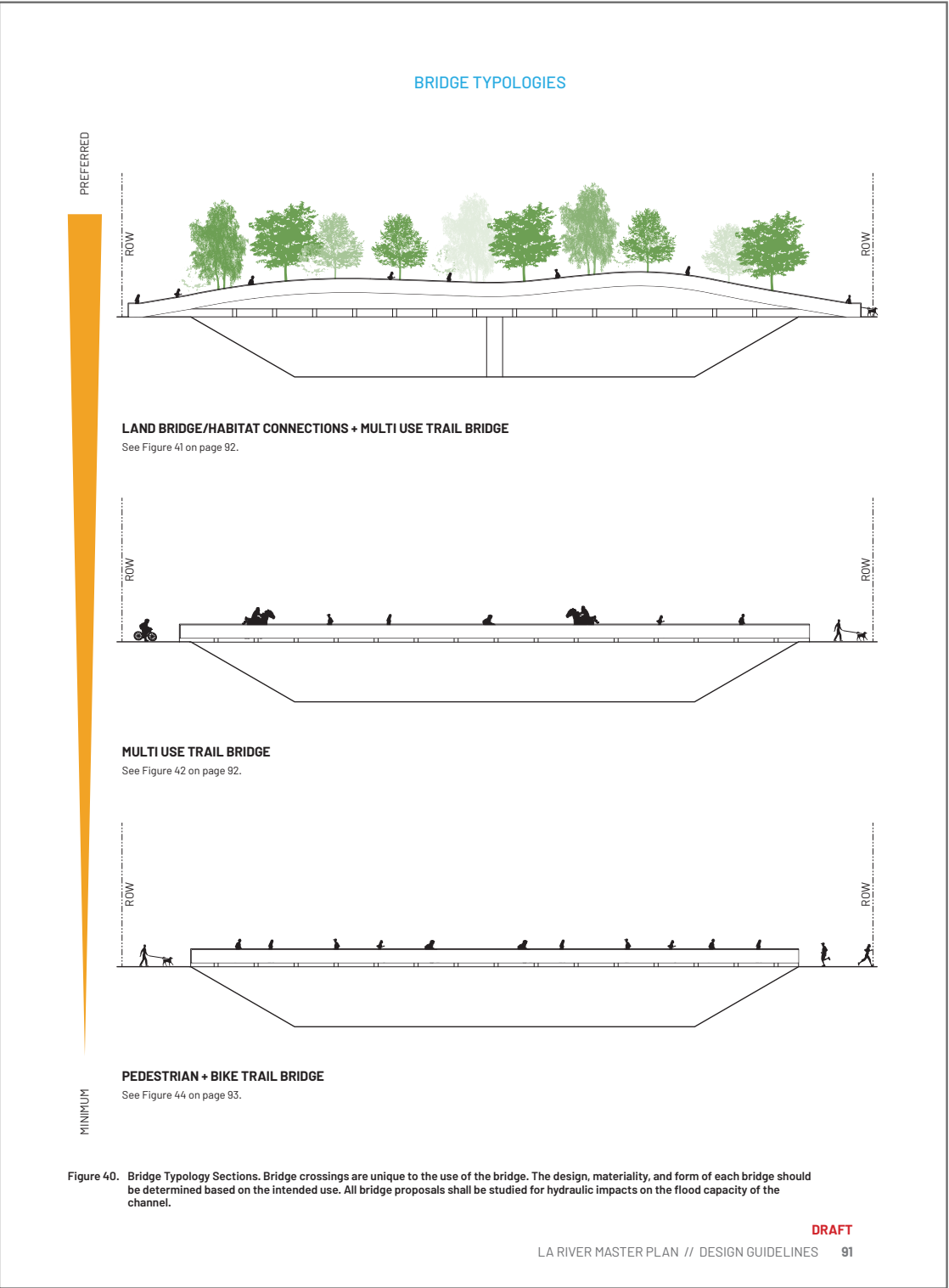




# CONNECTIVITY ELEMENTS

## LA RIVER MASTER PLAN DESIGN GUIDELINES: BRIDGE TYPES

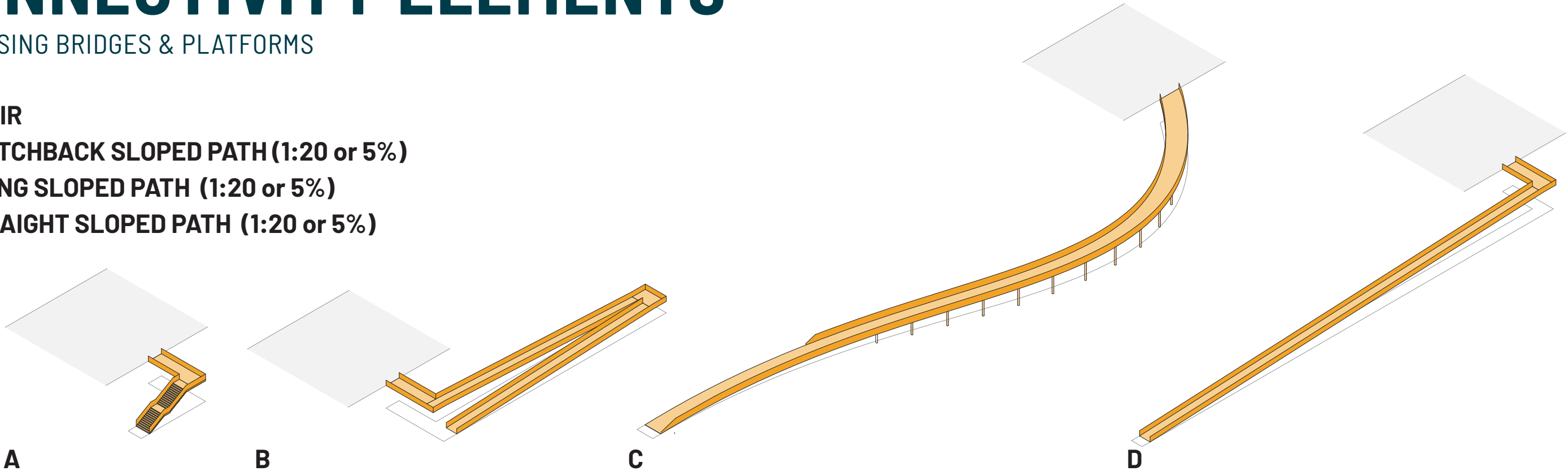
Bridge crossings are unique to the use of the bridge. The design, materiality, and appearance of each bridge should be determined by the intended use. All bridge proposals shall be studied for hydraulic impacts on the flood capacity of the channel.



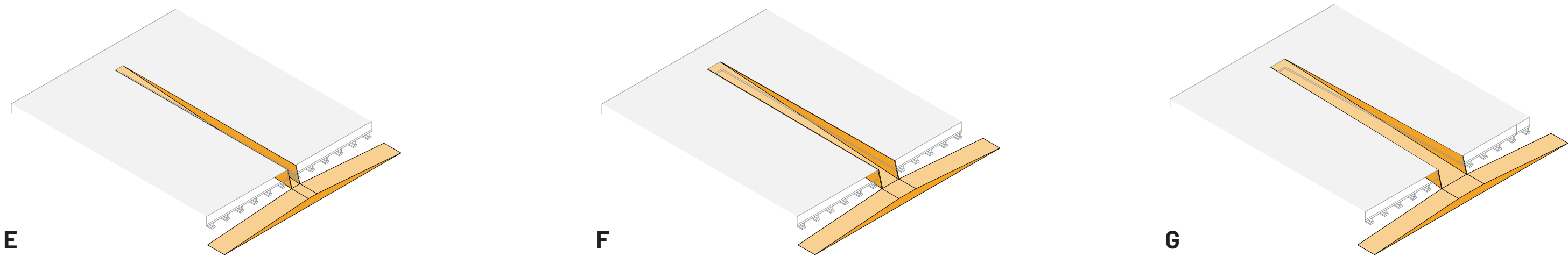
# CONNECTIVITY ELEMENTS

ACCESSING BRIDGES & PLATFORMS

- A: STAIR
- B: SWITCHBACK SLOPED PATH (1:20 or 5%)
- C: SWING SLOPED PATH (1:20 or 5%)
- D: STRAIGHT SLOPED PATH (1:20 or 5%)



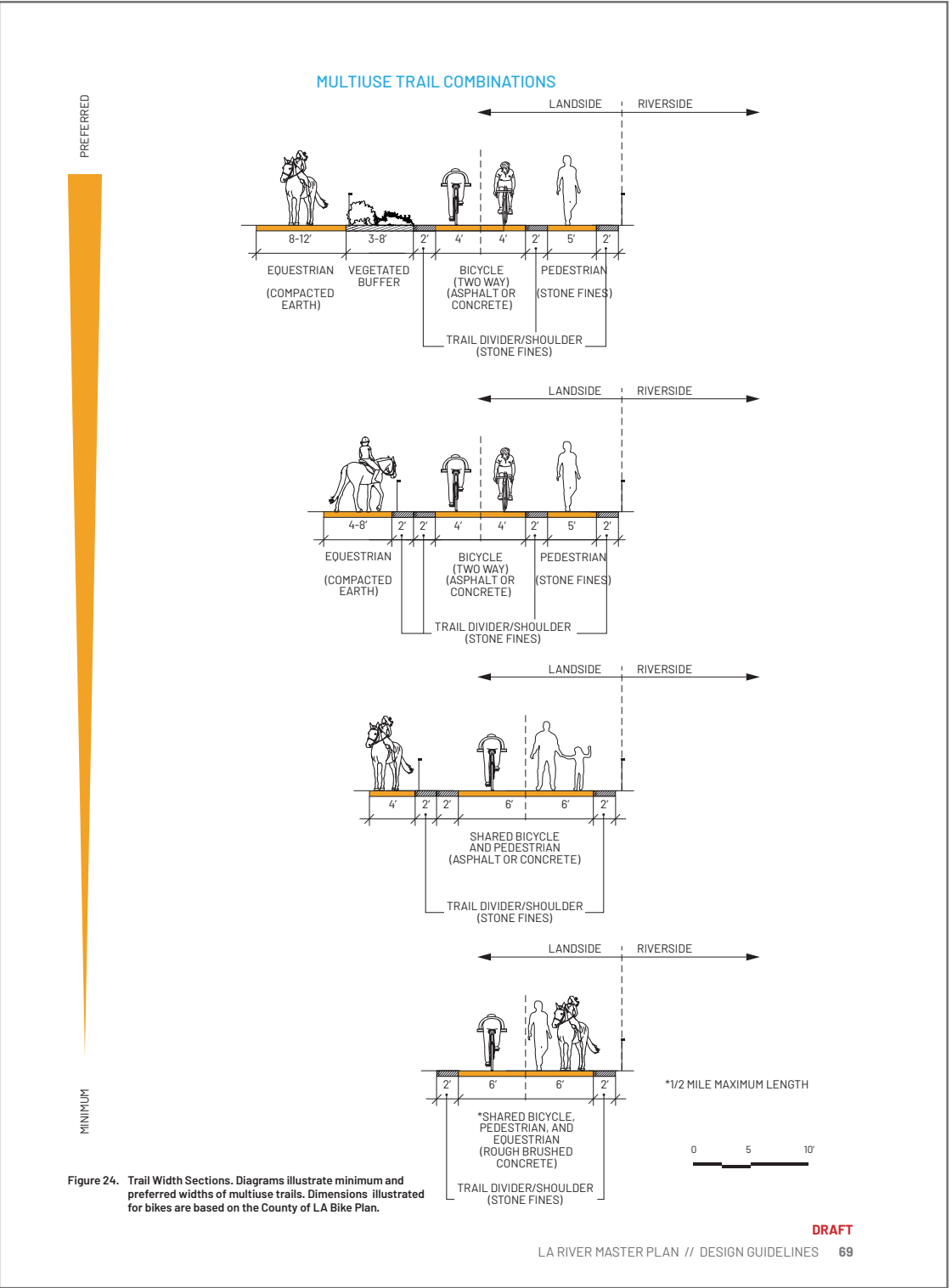
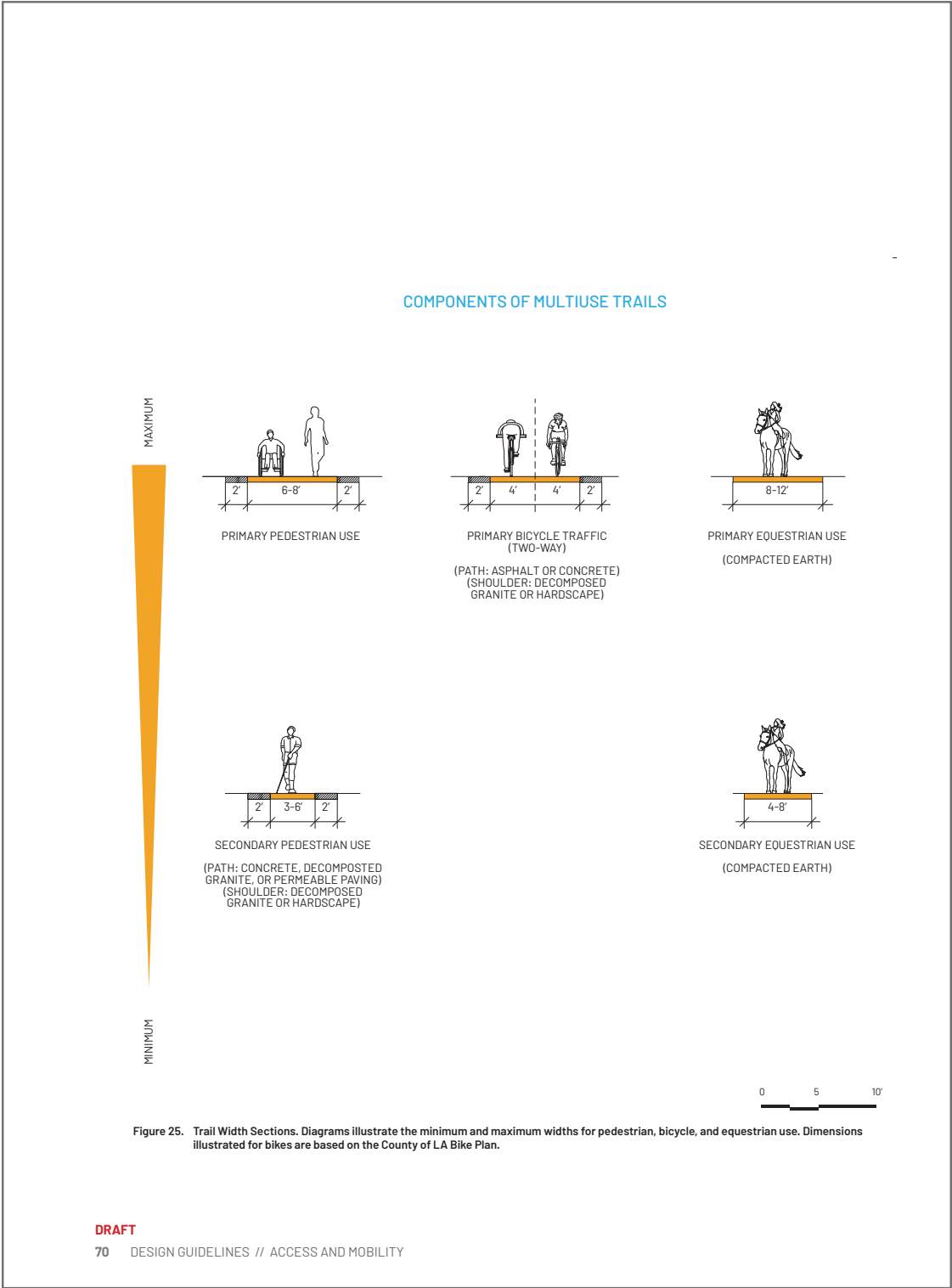
- E: SINGLE SPAN PERPENDICULAR SLOPED PATH (1:20 or 5%)
- F: DOUBLE SPAN PERPENDICULAR SLOPED PATH (1:20 or 5%)
- G: TRIPLE SPAN PERPENDICULAR SLOPED PATH (1:20 or 5%)





# CONNECTIVITY ELEMENTS

## LA RIVER MASTER PLAN DESIGN GUIDELINES: PATH TYPES



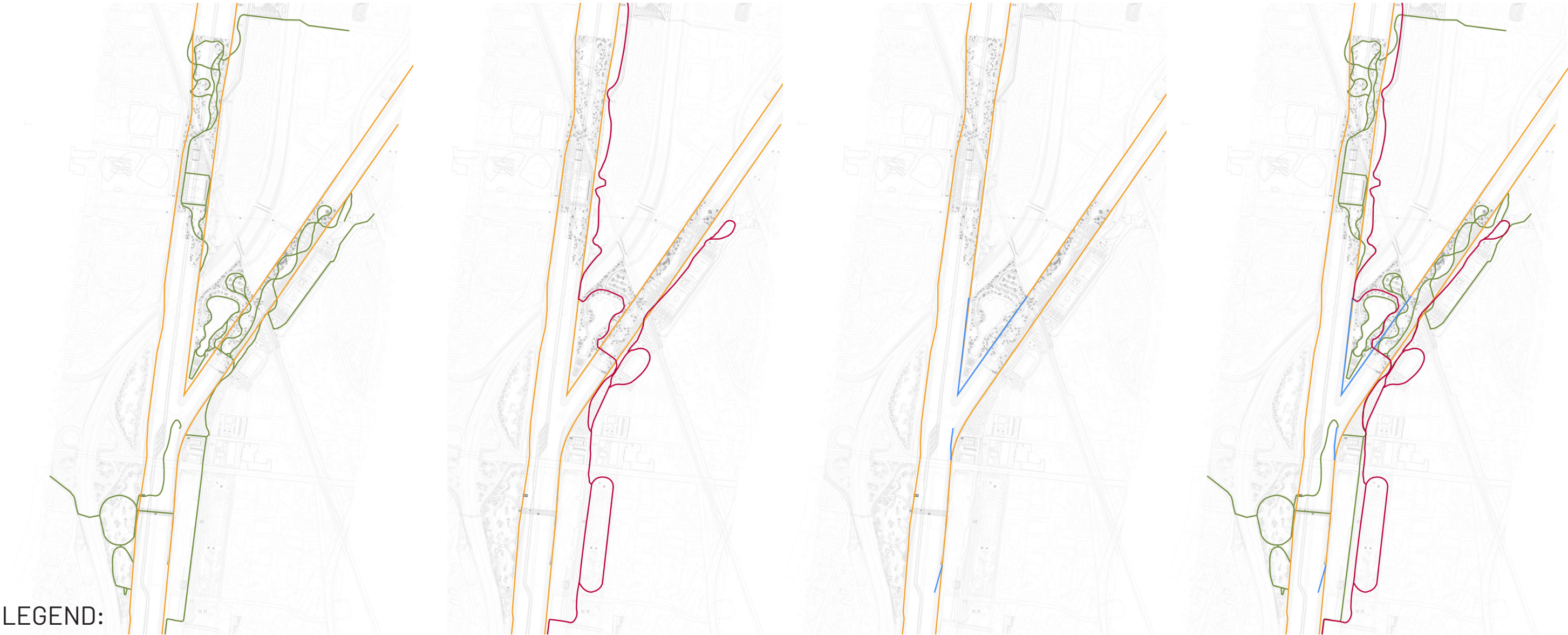
# OVERALL CONNECTIVITY

MULTIUSE: PEDESTRIAN  
& BICYCLES

MULTIUSE: PEDESTRIAN,  
BICYCLES & EQUESTRIAN

MULTIUSE: MAINTENANCE  
& PEDESTRIAN

ALL CIRCULATION



LEGEND:

- LA River & Rio Hondo Trails
- Multiuse: Pedestrian & Bicycles
- Multiuse: Pedestrian, Bicycles, & Equestrian
- Multiuse: Maintenance & Pedestrian