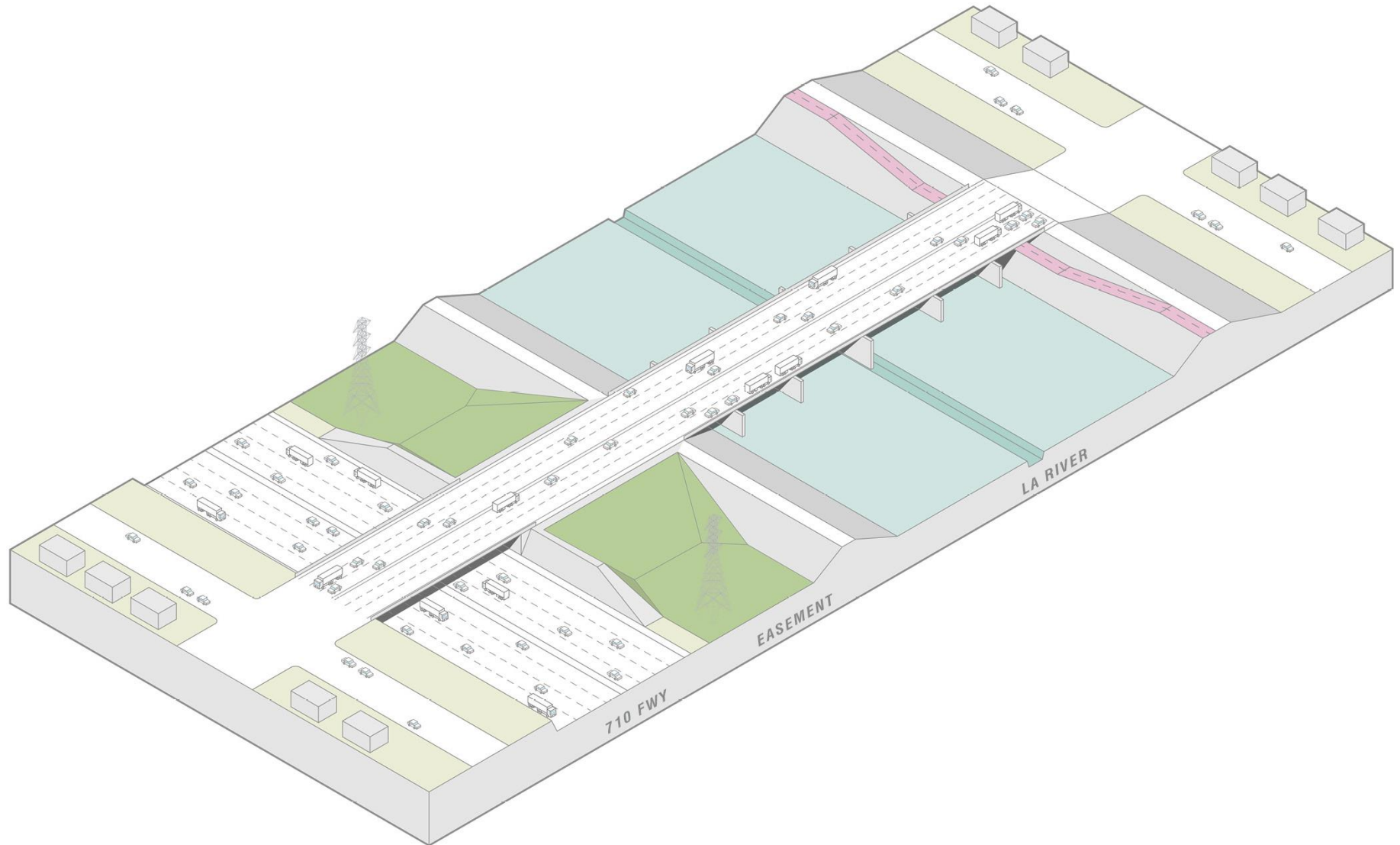


### 3.11.5 Template – Improved Crossings and New Bridges

Although many specific projects were recommended by the Plan, the Working Group wanted to also provide design templates which could be used for rapid revitalization distributed even more widely throughout the watershed. The improved crossings template – as well as the multi-use path enhancements; community connectivity, welcoming, and wayfinding; and concrete channel enhancements templates presented in Volume 1, Chapter 3 – will help ensure that improvements will be executed consistently and in the spirit of the Plan’s goals and objectives. The templates will help stakeholders implement improvements at any scale – either a little at a time or widespread – based on available funding and community needs.

## STRATEGIES FOR EXISTING BRIDGES



**Atlantic Ave**

River Channel Width: 460'  
Bridge Width: 65' (6 lanes)

**Slauson Ave**

River Channel Width: 430'  
Bridge Width: 50' (4 lanes)

**Gage Ave.**

River Channel Width: 460'  
Bridge Width: 50' (4 lanes)

**Florence Ave.**

River Channel Width: 460'  
Bridge Width: (55' 4 lanes)

**Clara St.**

River Channel Width: 460'  
Bridge Width: 50' (4 lanes)

**Firestone Blvd.**

River Channel Width: 460'  
Bridge Width: 70' (6 lanes)

**Imperial Hwy.**

River Channel Width: 420'  
Bridge Width: 90' (6 lanes, center median)

**Rosecrans Ave.**

River Channel Width: 400'  
Bridge Width: 100' (6 lanes, open divide)

Existing bridge priority sites.

**Somerset Blvd.**

River Channel Width: 400'  
Bridge Width: 50' (4 lanes)

**Alondra Blvd.**

River Channel Width: 400'  
Bridge Width: 85' (6 lanes, median)

**Atlantic Ave (Long Beach)**

River Channel Width: 410'  
Bridge Width: 50' (4 lanes)

**Artesia Blvd**

River Channel Width: 400'  
Bridge Width: 80' (4 lanes, bike lanes)

**Long Beach Blvd.**

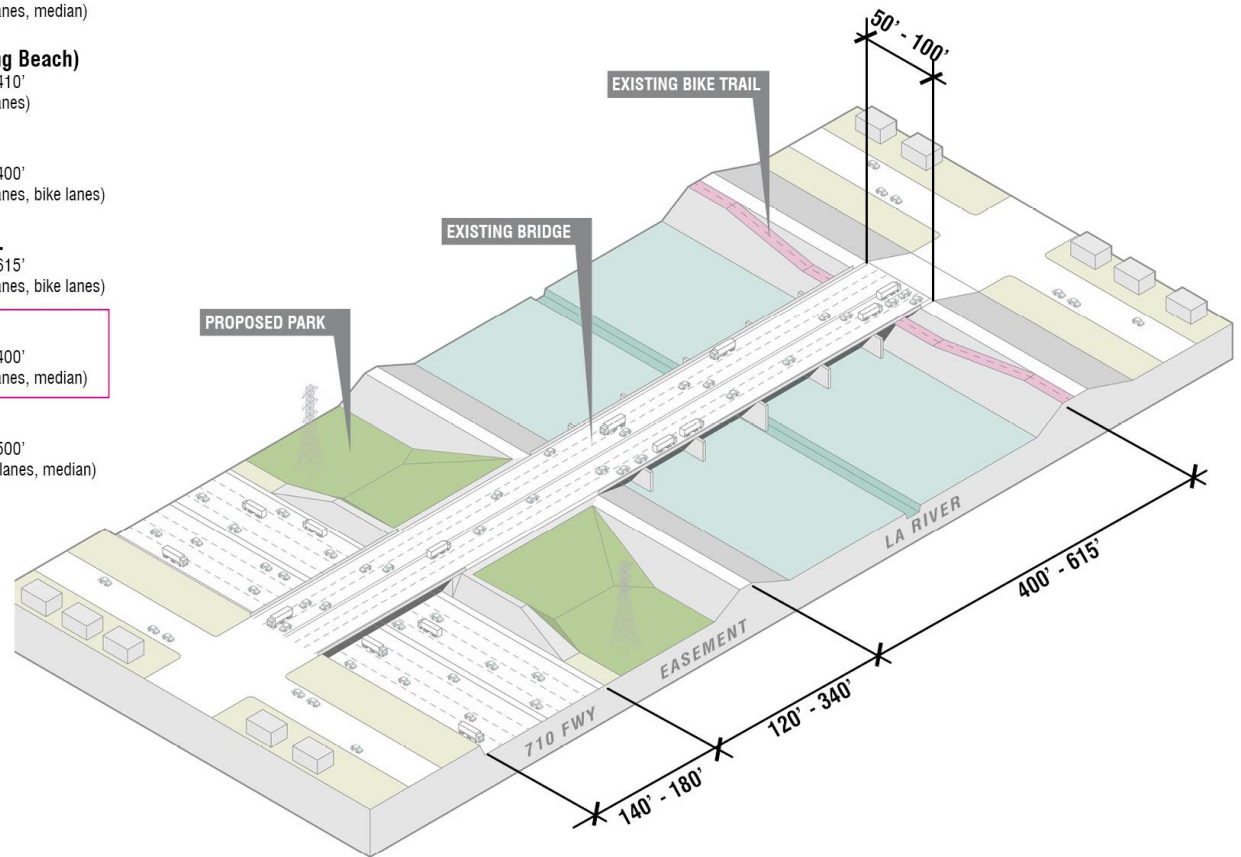
River Channel Width: 615'  
Bridge Width: 85' (4 lanes, bike lanes)

**Del Amo Blvd**

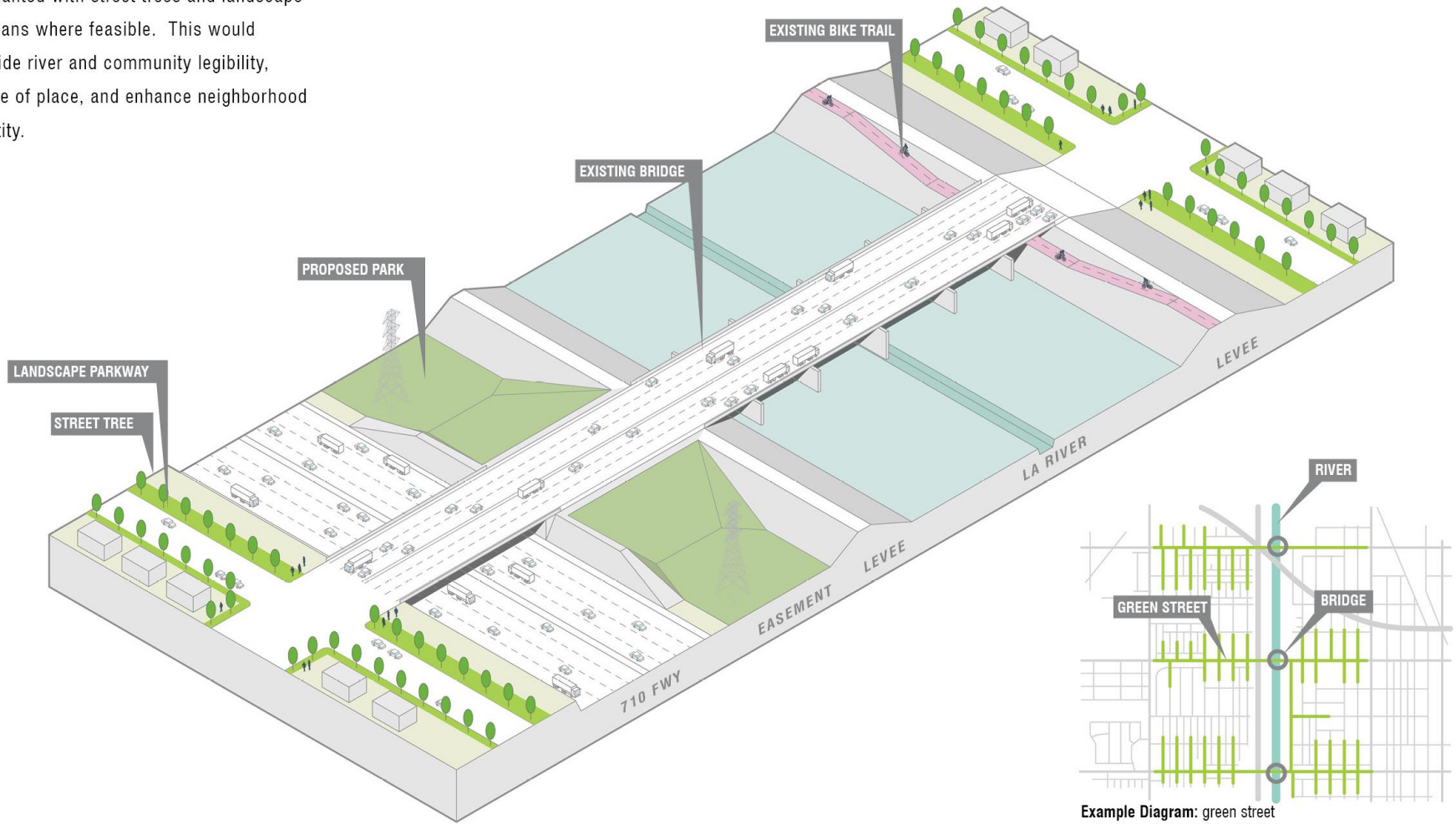
River Channel Width: 400'  
Bridge Width: 90' (6 lanes, median)

**Wardlow Blvd.**

River Channel Width: 500'  
Bridge Width: 100' (6 lanes, median)



Streets that lead to existing bridges could be planted with street trees and landscape medians where feasible. This would provide river and community legibility, sense of place, and enhance neighborhood identity.

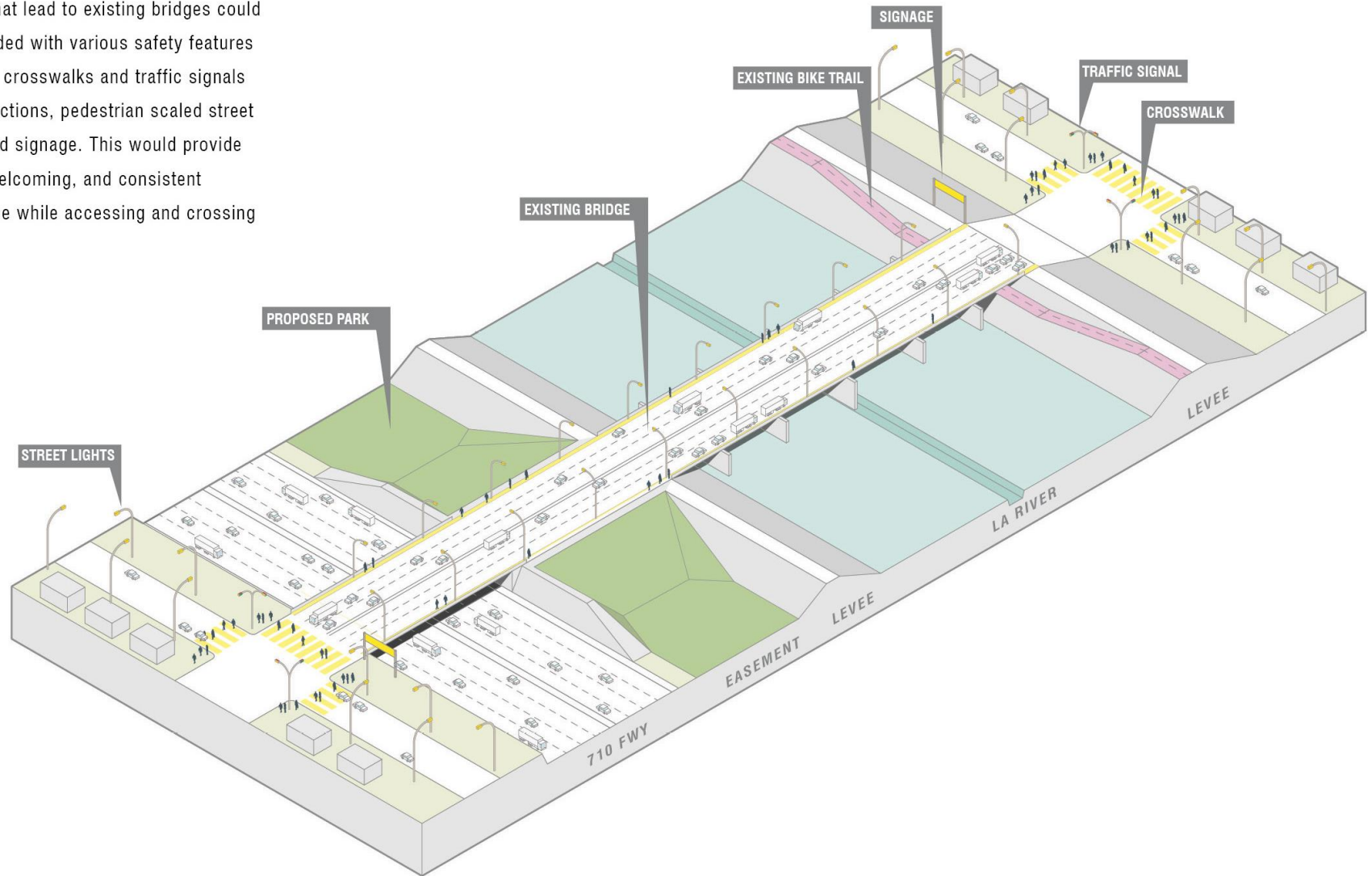


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### AUGMENT EXISTING BRIDGES WITH GREEN STREETS



Streets that lead to existing bridges could be upgraded with various safety features including crosswalks and traffic signals at intersections, pedestrian scaled street lights, and signage. This would provide a safe, welcoming, and consistent experience while accessing and crossing the river.

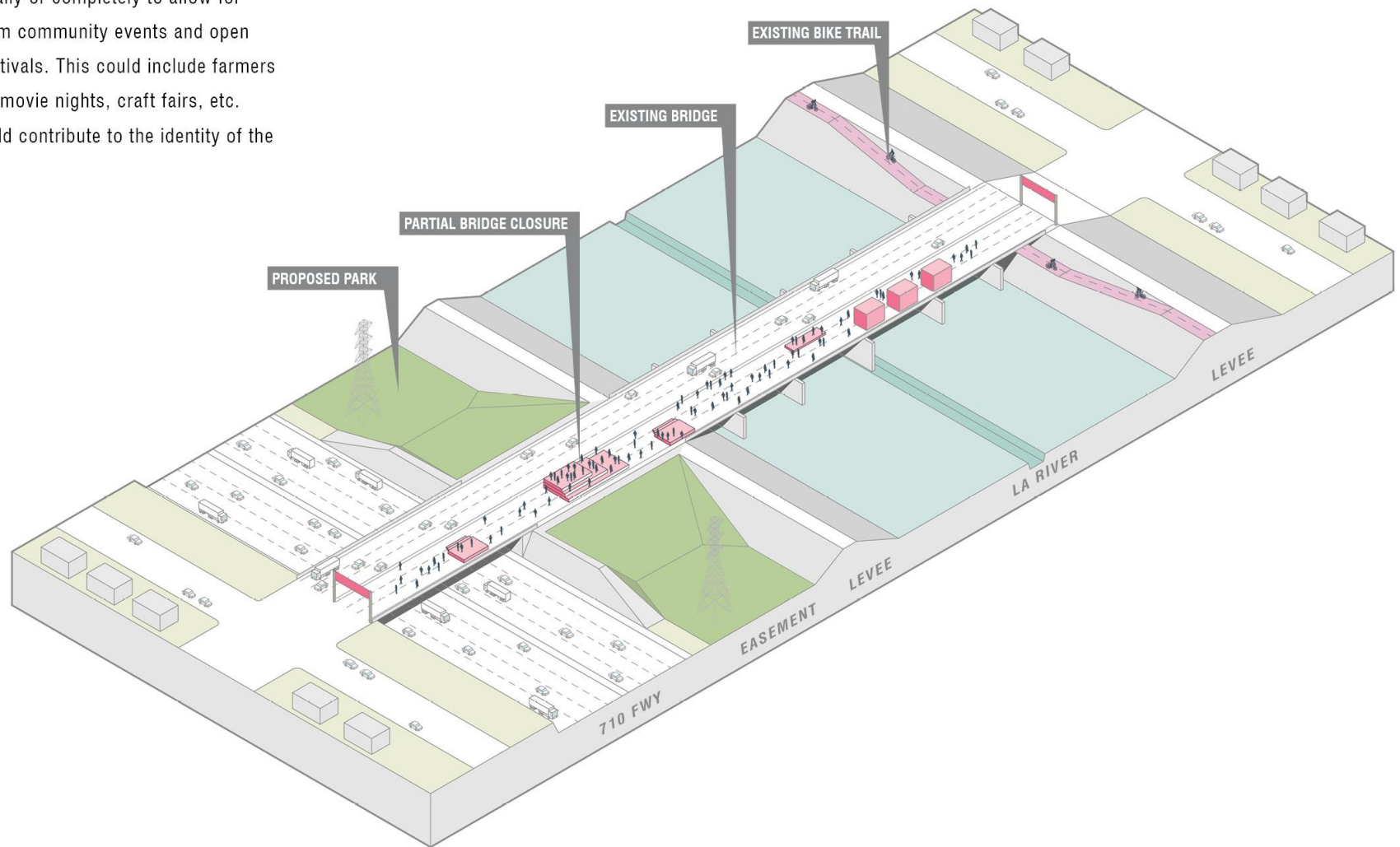


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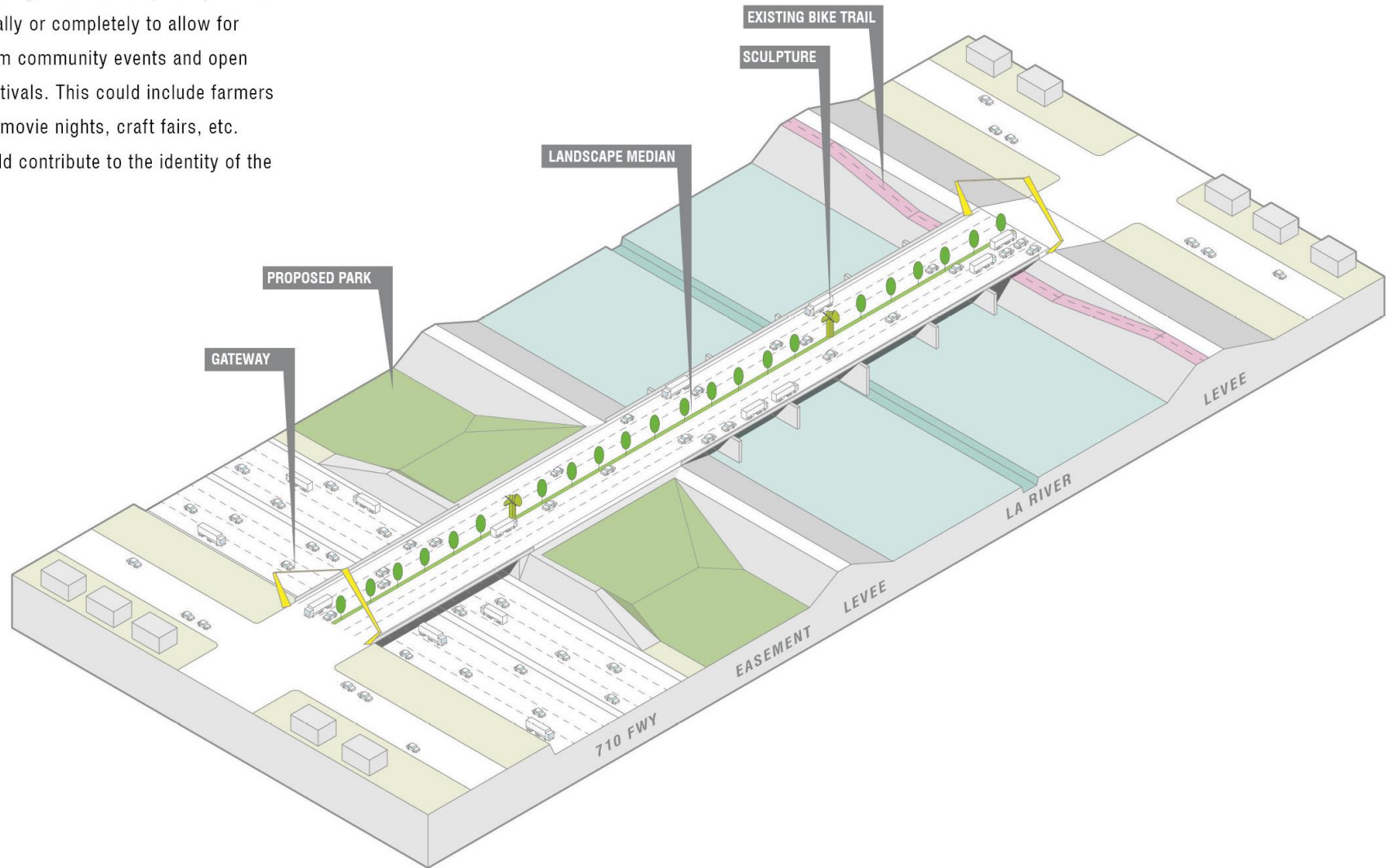
**AUGMENT EXISTING BRIDGES WITH SAFETY FEATURES**



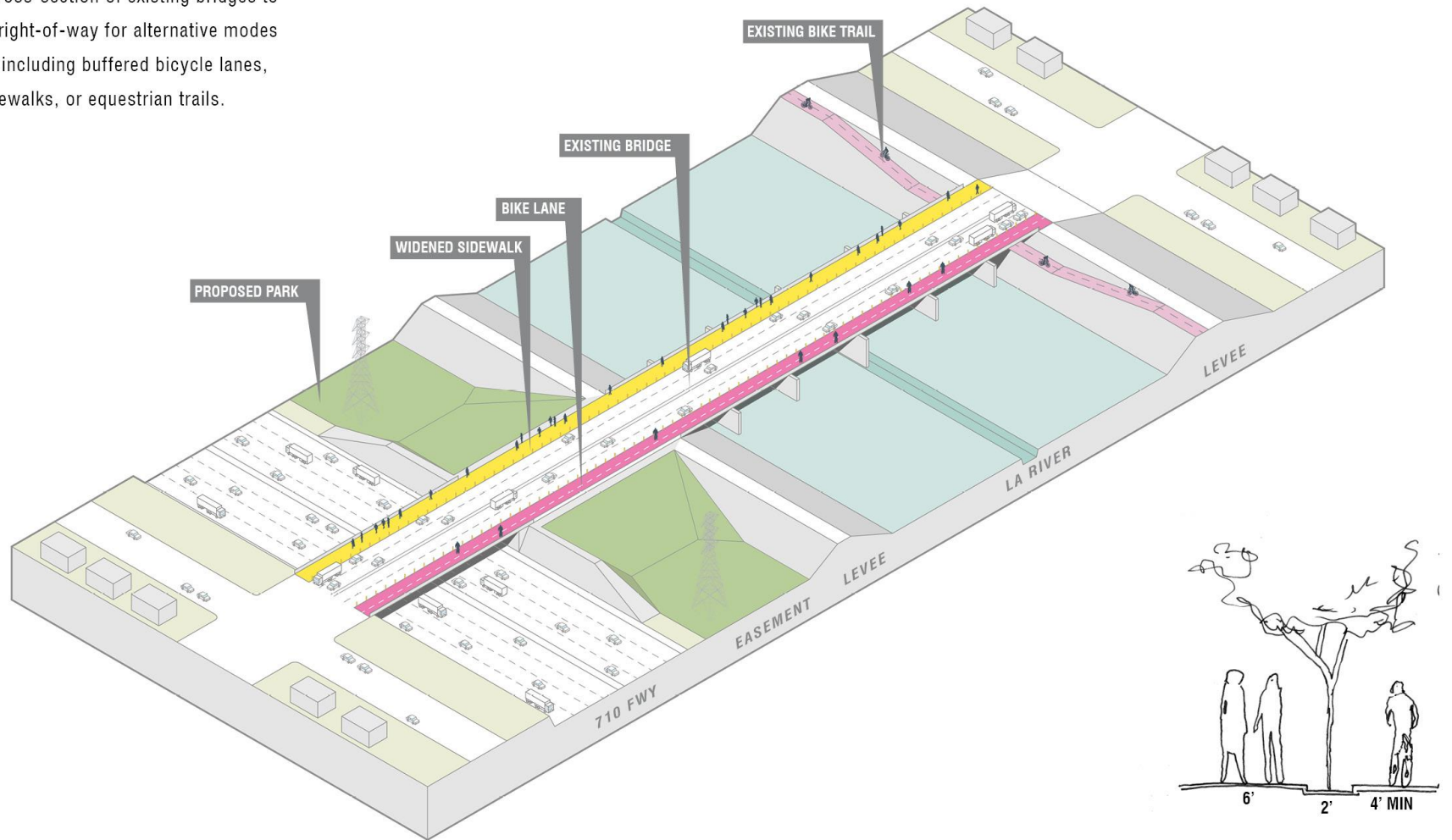
Existing bridges can be temporarily closed off, partially or completely to allow for short-term community events and open street festivals. This could include farmers markets, movie nights, craft fairs, etc. This would contribute to the identity of the river.



Existing bridges can be temporarily closed off, partially or completely to allow for short-term community events and open street festivals. This could include farmers markets, movie nights, craft fairs, etc. This would contribute to the identity of the river.



Rebalance transportation modes within the current cross-section of existing bridges to increase right-of-way for alternative modes of travel, including buffered bicycle lanes, wider sidewalks, or equestrian trails.



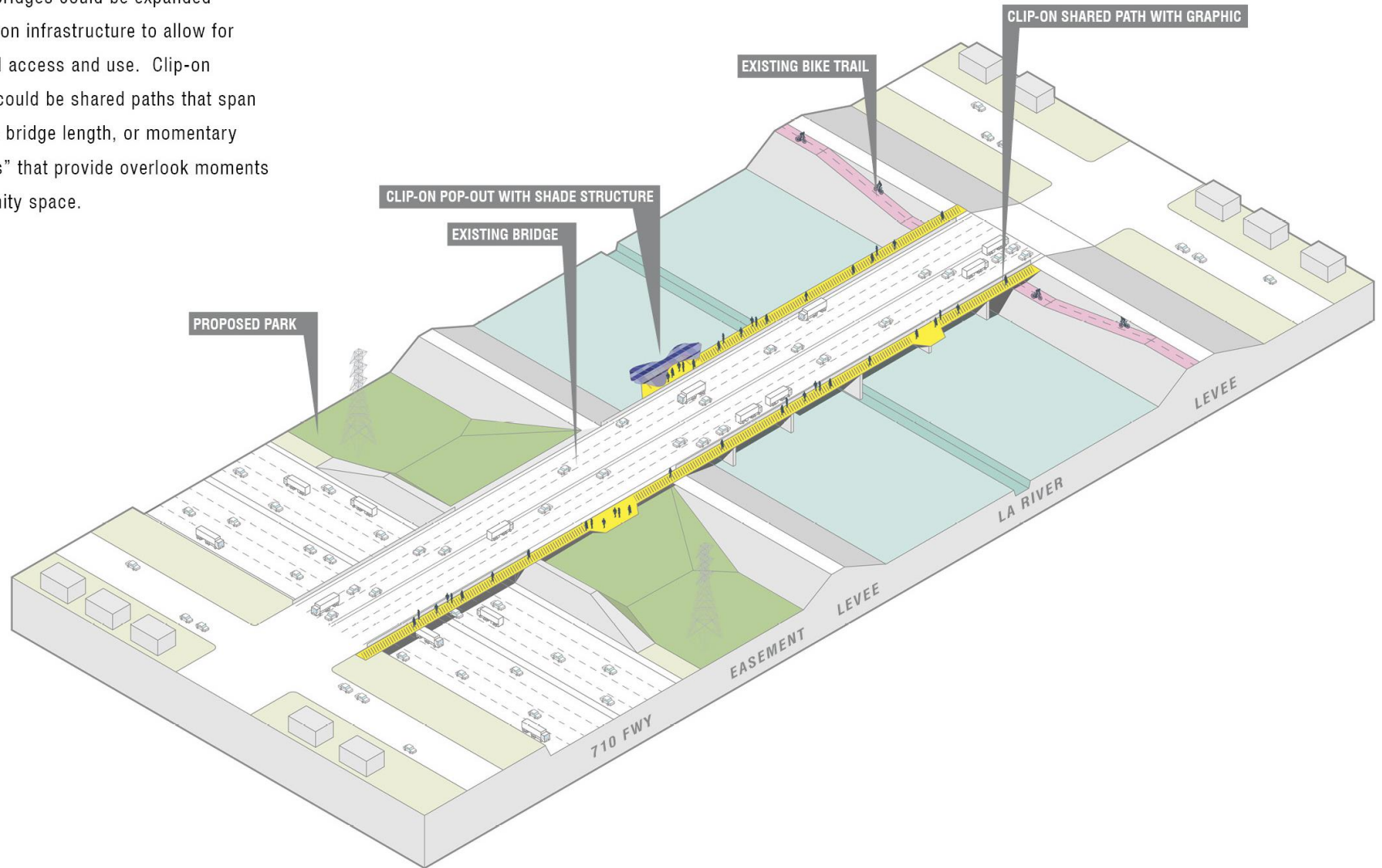
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### REBALANCE TRANSPORTATION ROUTES ON EXISTING BRIDGES





Existing bridges could be expanded with clip-on infrastructure to allow for increased access and use. Clip-on features could be shared paths that span the entire bridge length, or momentary “pop outs” that provide overlook moments and amenity space.



### 3.11.5.1 The Conceptual Rendering – Existing Bridge

The conceptual rendering view for the existing bridge (**Figure 3.11-14** and **Figure 3.11-15**) was selected to capture the potential look and feel of the proposed habitat bridge. It depicts a primary pedestrian travel route with a variety of garden and landscape features that could support wildlife movement and behavior.

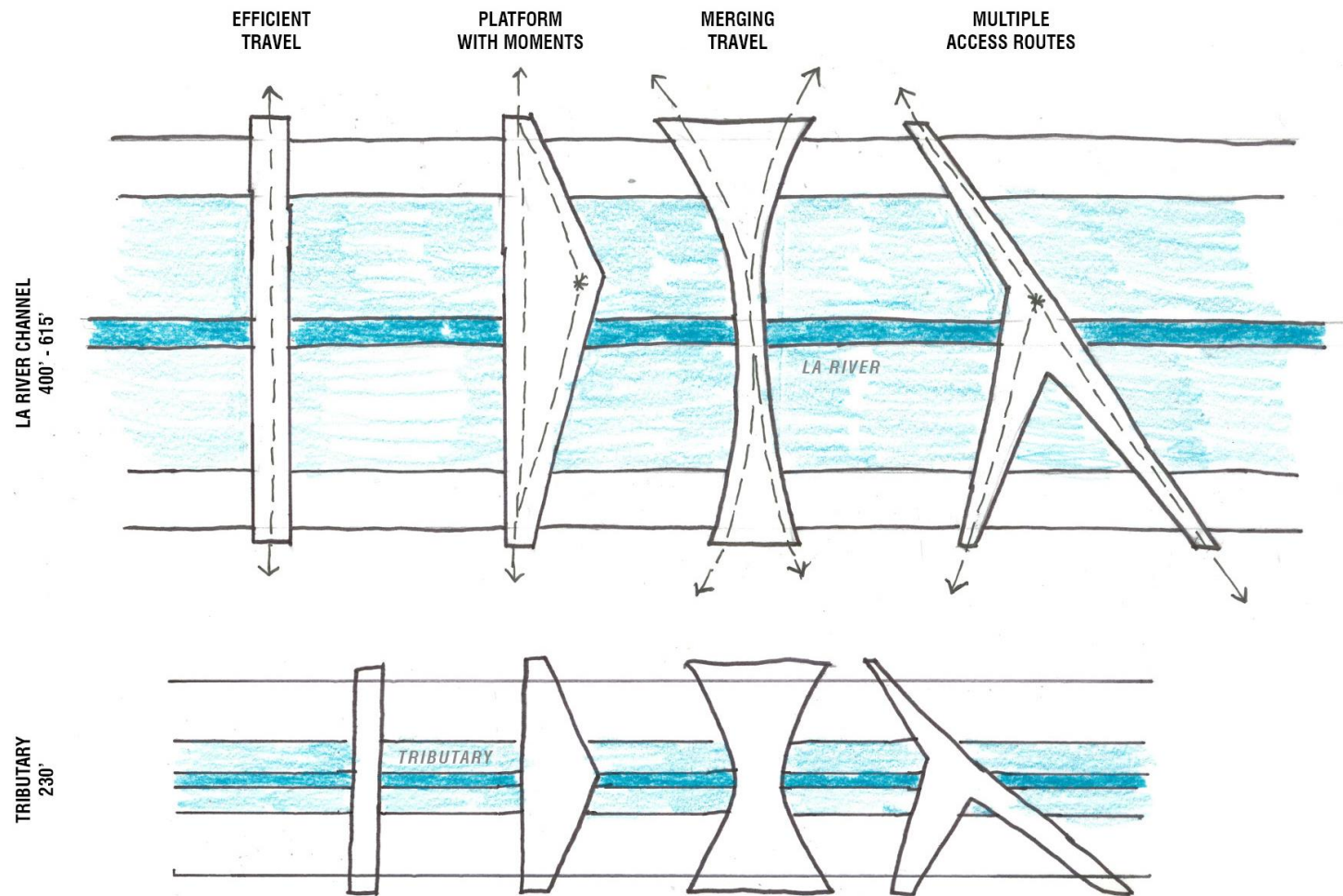


**Figure 3.11-14. Existing Bridge Location**



Figure 3.11-15. Existing Bridge Perspective

### STRATEGIES FOR NEW BRIDGES



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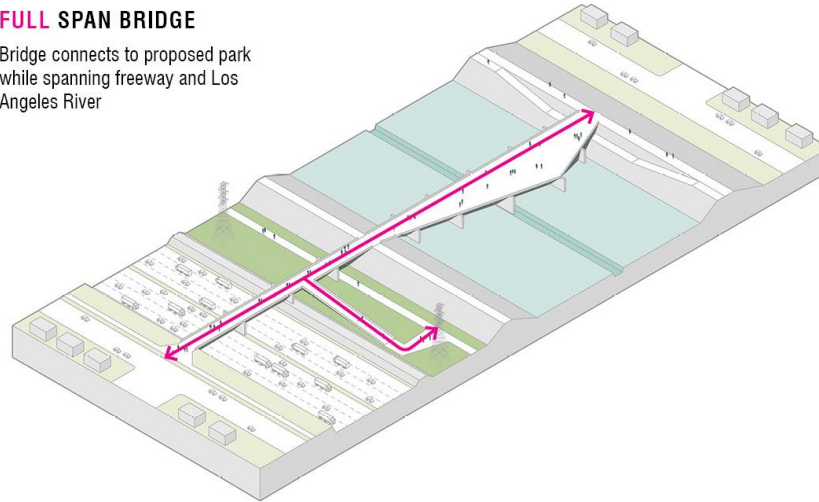
BRIDGES TYPOLOGIES



New bridges can be employed to make several connections. They can connect a community across the freeway and into the park, they can connect a community across the river and into the park, or they can connect communities to one another, spanning both the freeway and the river.

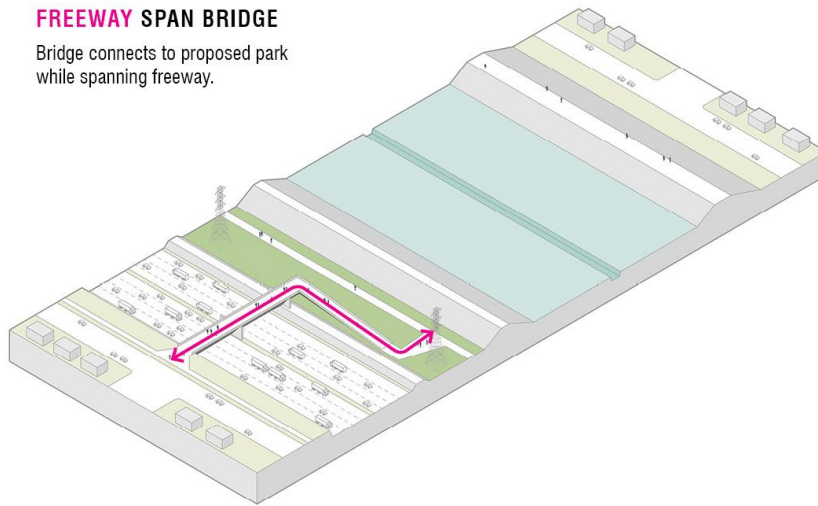
**FULL SPAN BRIDGE**

Bridge connects to proposed park while spanning freeway and Los Angeles River



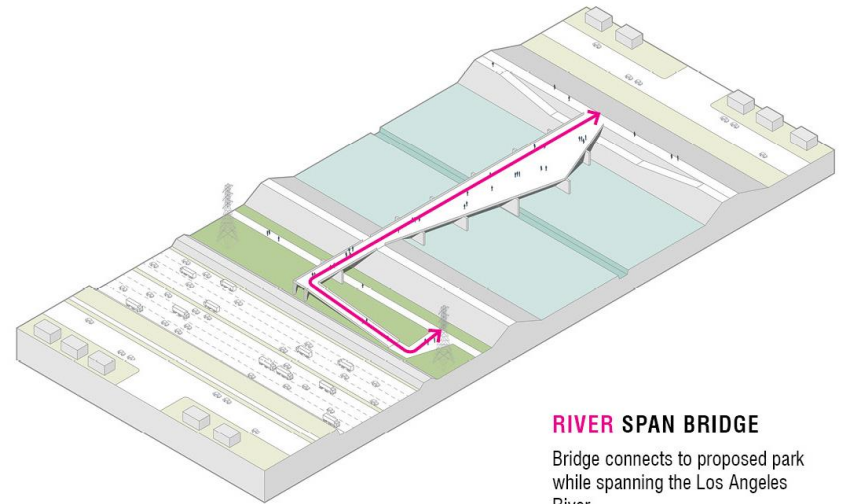
**FREEWAY SPAN BRIDGE**

Bridge connects to proposed park while spanning freeway.

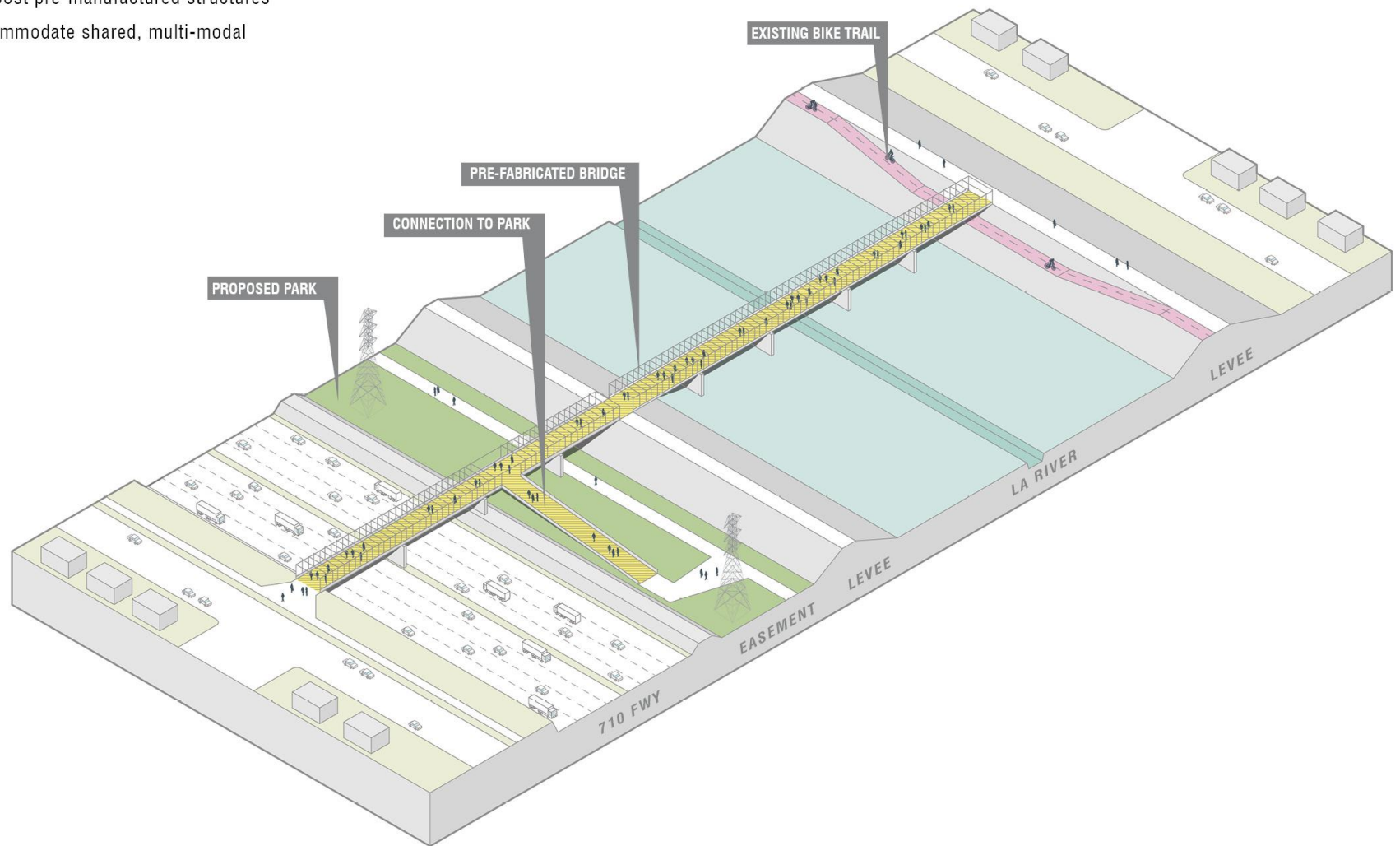


**RIVER SPAN BRIDGE**

Bridge connects to proposed park while spanning the Los Angeles River.



New bridges could be simple, efficient, and low cost pre-manufactured structures that accommodate shared, multi-modal access.

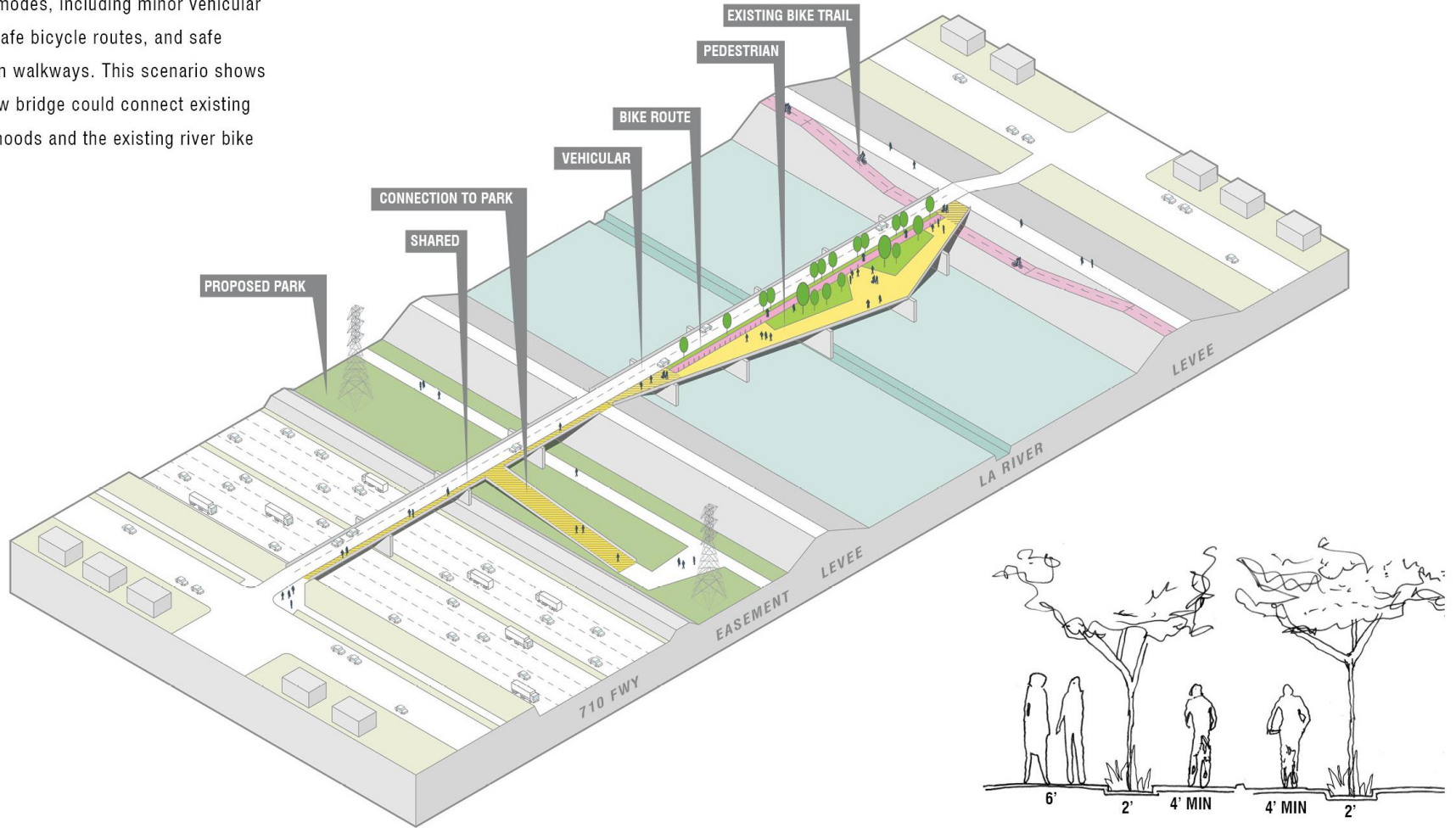


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**NEW BRIDGE: MULTI-MODAL PRE-MANUFACTURED**



New bridges could accommodate a variety of travel modes, including minor vehicular access, safe bicycle routes, and safe pedestrian walkways. This scenario shows how a new bridge could connect existing neighborhoods and the existing river bike path.

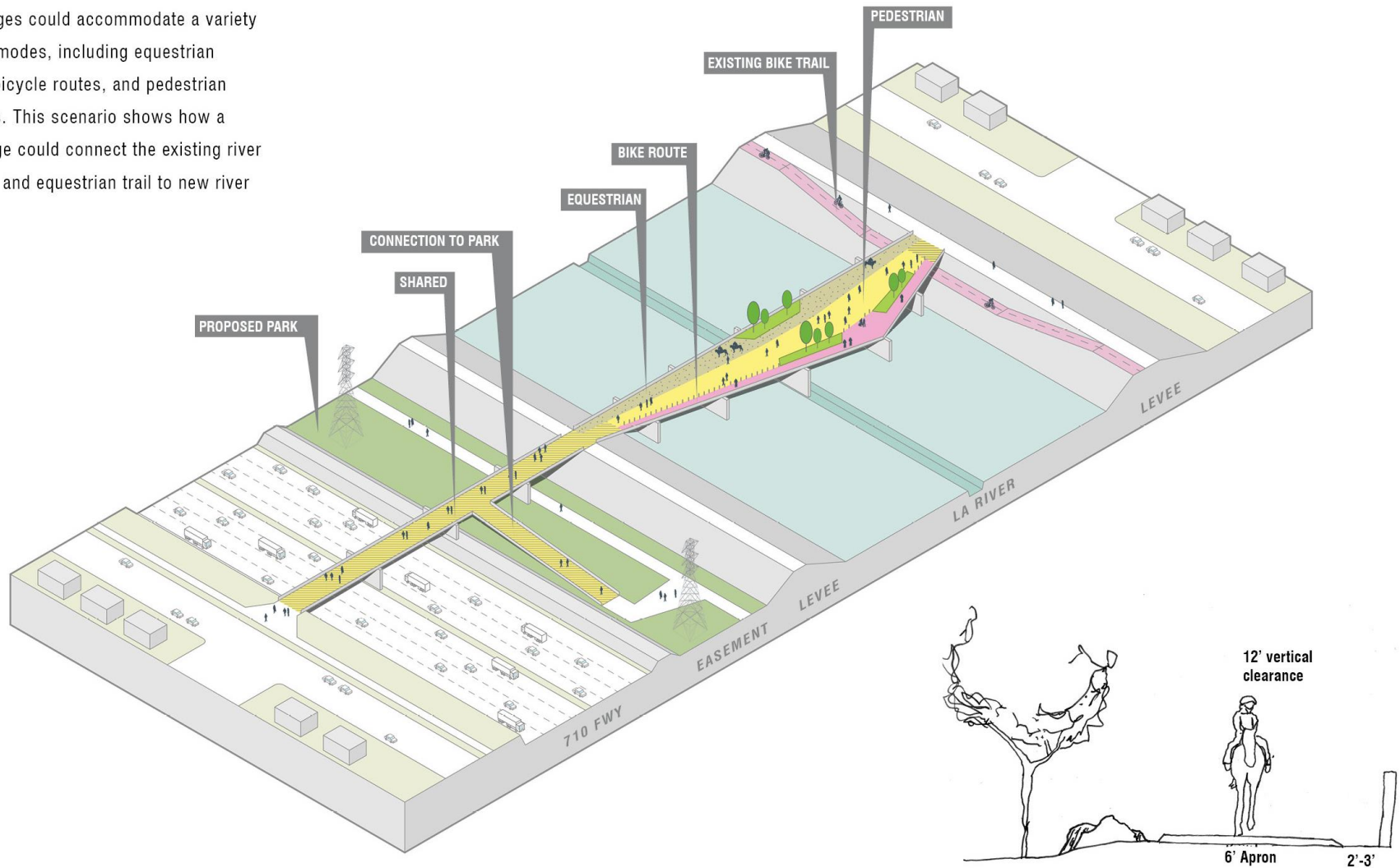


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**NEW BRIDGE: MULTI-MODAL WITH VEHICLE LANE**



New bridges could accommodate a variety of travel modes, including equestrian access, bicycle routes, and pedestrian walkways. This scenario shows how a new bridge could connect the existing river bike path and equestrian trail to new river parks.



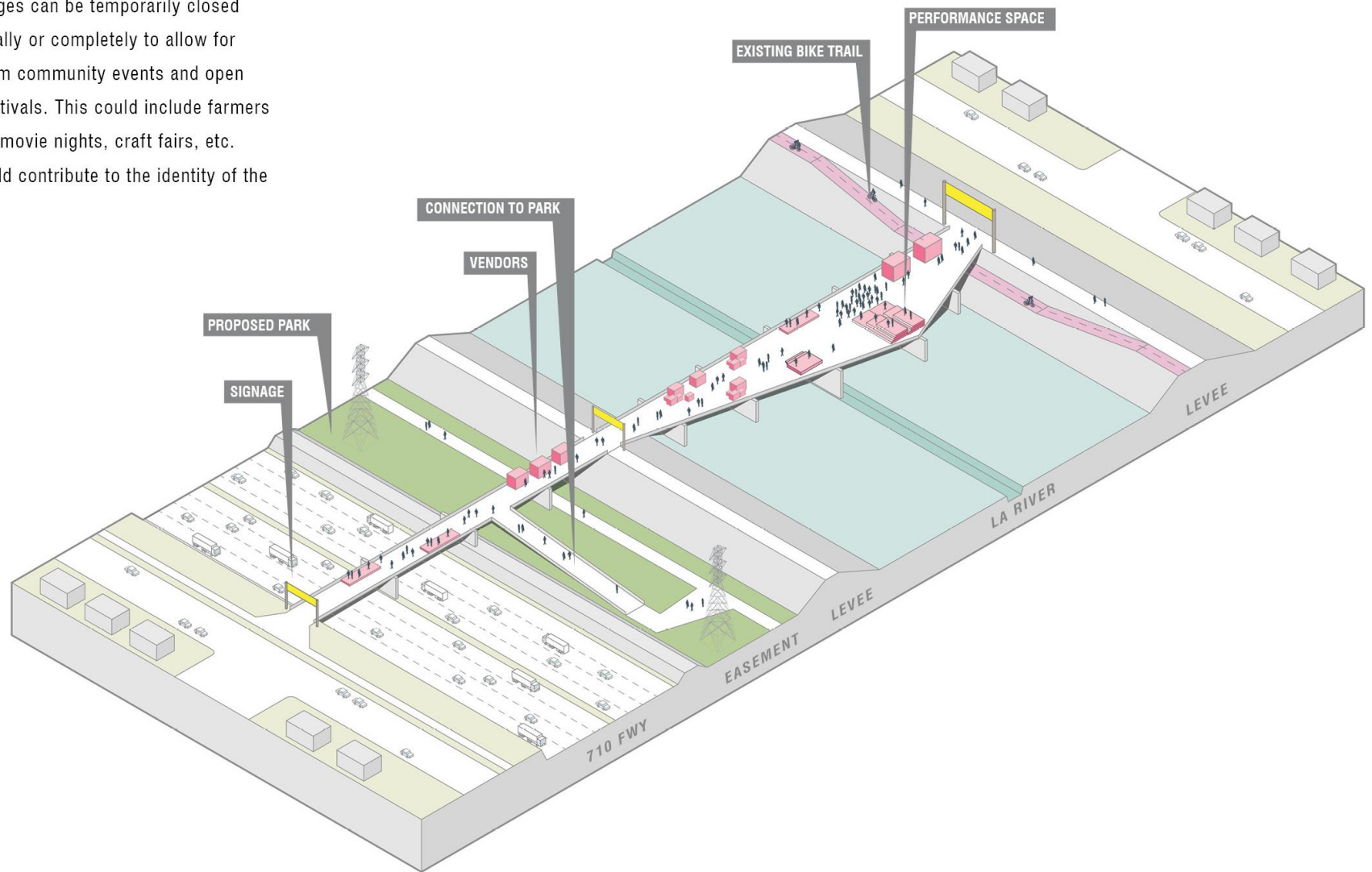
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**NEW BRIDGE: MULTI-MODAL EQUESTRIAN ACCESS**





New bridges can be temporarily closed off, partially or completely to allow for short-term community events and open street festivals. This could include farmers markets, movie nights, craft fairs, etc. This would contribute to the identity of the river.

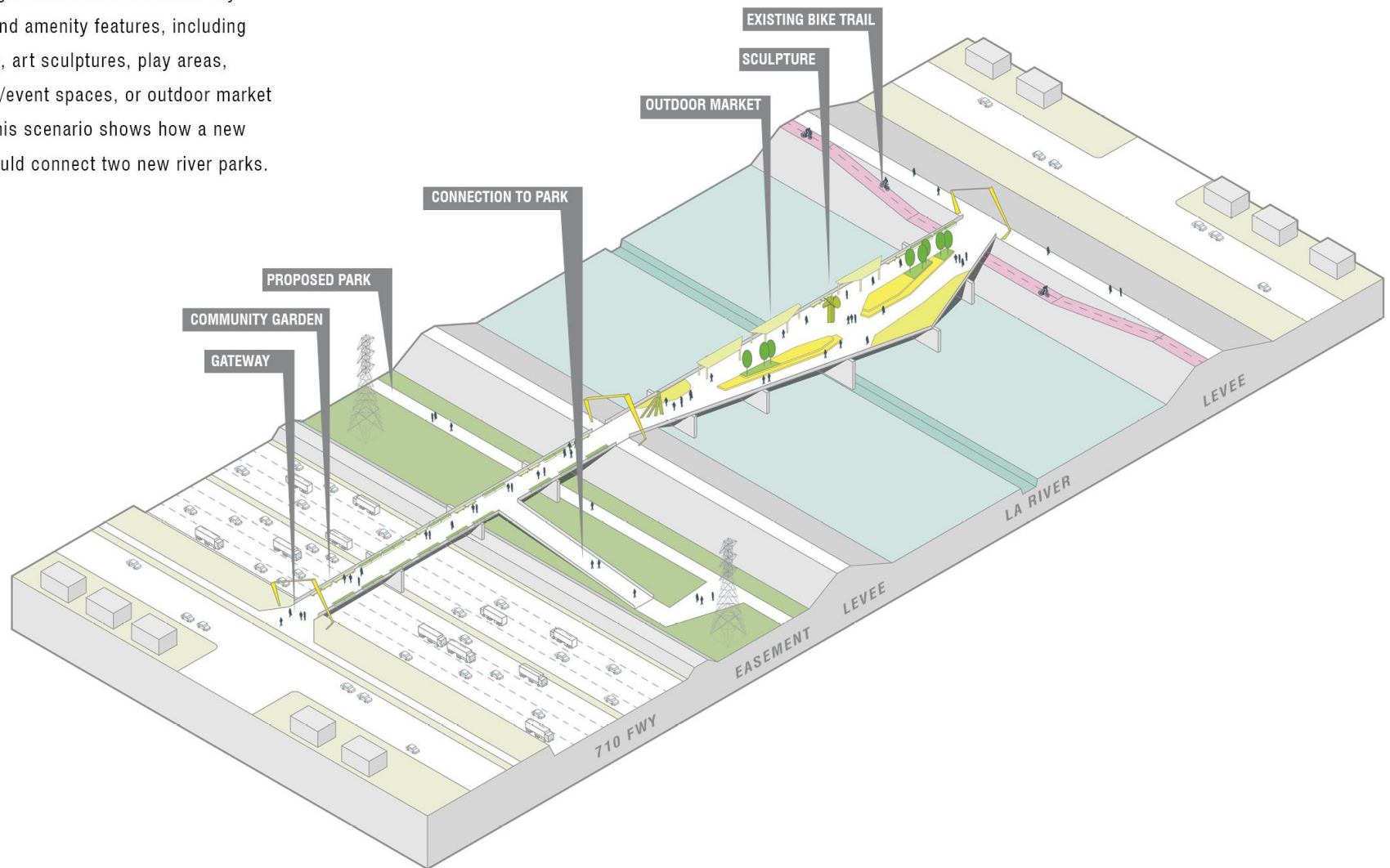


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NEW BRIDGE: **TEMPORARY EVENT**



New bridges could include community identity and amenity features, including gateways, art sculptures, play areas, gathering/event spaces, or outdoor market space. This scenario shows how a new bridge could connect two new river parks.

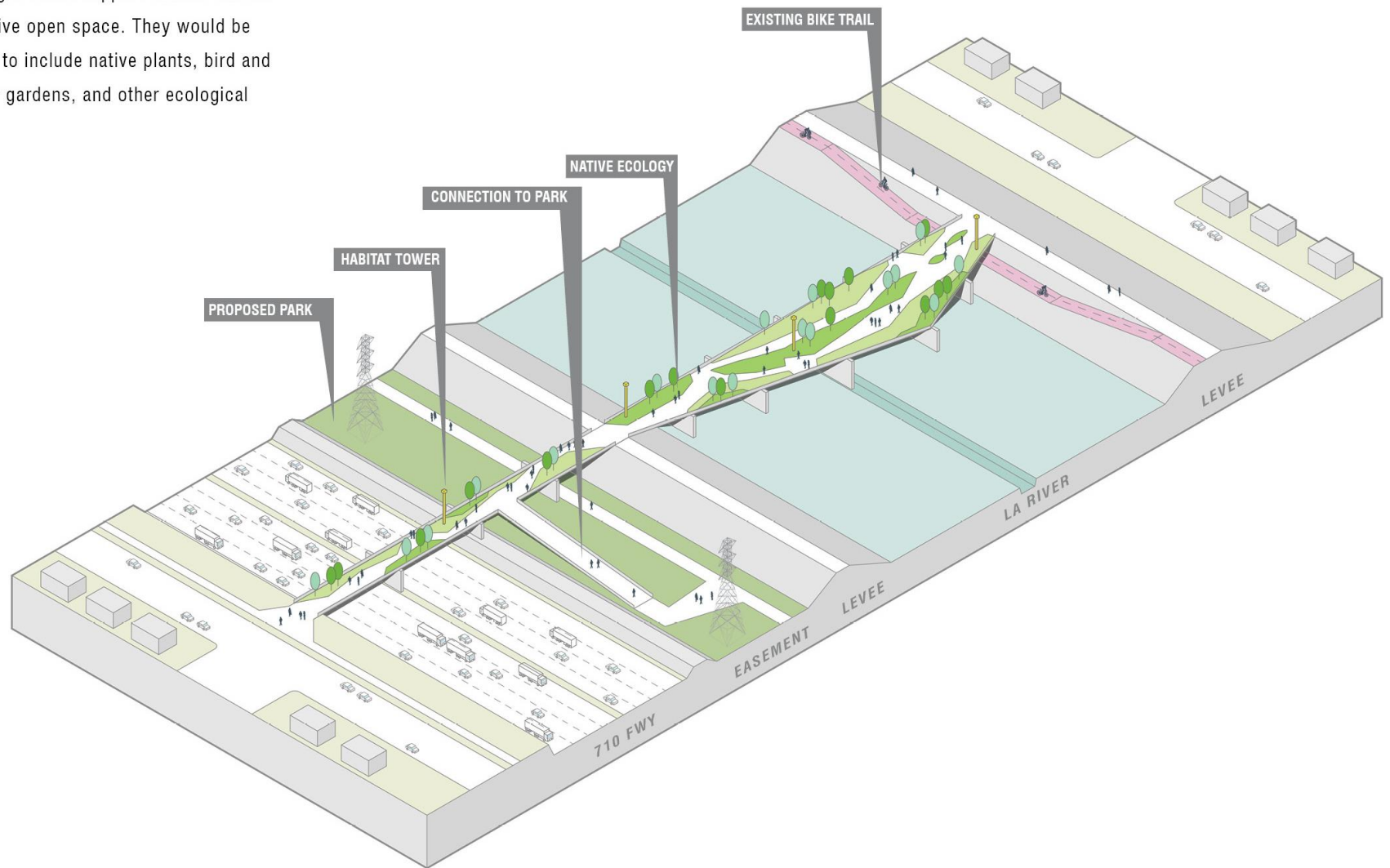


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### NEW BRIDGE: **COMMUNITY IDENTITY**



New bridges could support wildlife habitat and passive open space. They would be designed to include native plants, bird and pollinator gardens, and other ecological features.

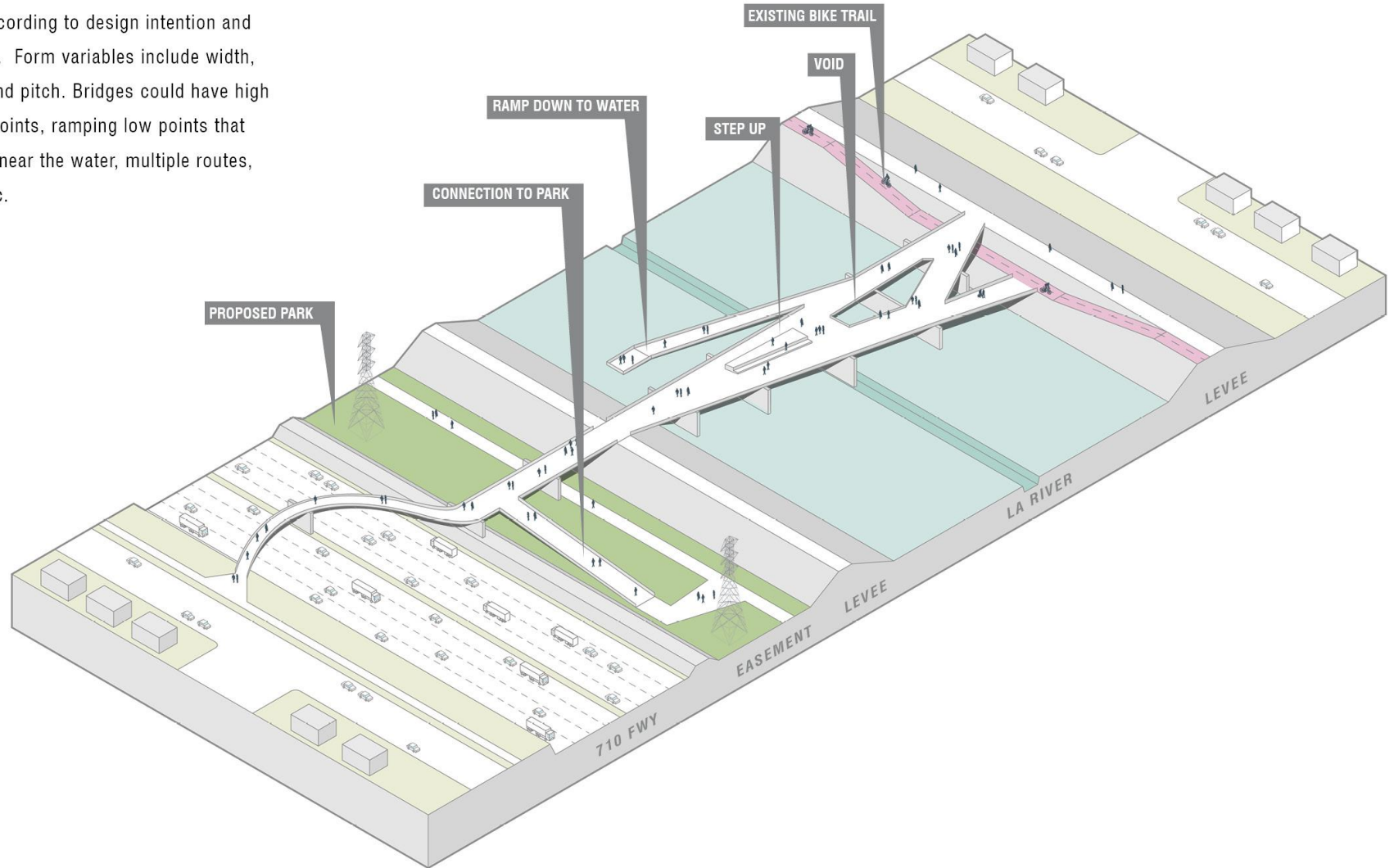


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NEW BRIDGE: **HABITAT**



New bridges could take on a variety of forms according to design intention and objective. Form variables include width, height, and pitch. Bridges could have high lookout points, ramping low points that take you near the water, multiple routes, voids, etc.



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NEW BRIDGE: **FORM**



### 3.11.5.2 The Conceptual Rendering – Habitat Bridge

The conceptual rendering view for the habitat bridge (**Figure 3.11-16** and **Figure 3.11-17**) was selected to capture the potential look and feel of the proposed habitat bridge. It depicts a primary pedestrian travel route with a variety of garden and landscape features that could support wildlife movement and behavior.

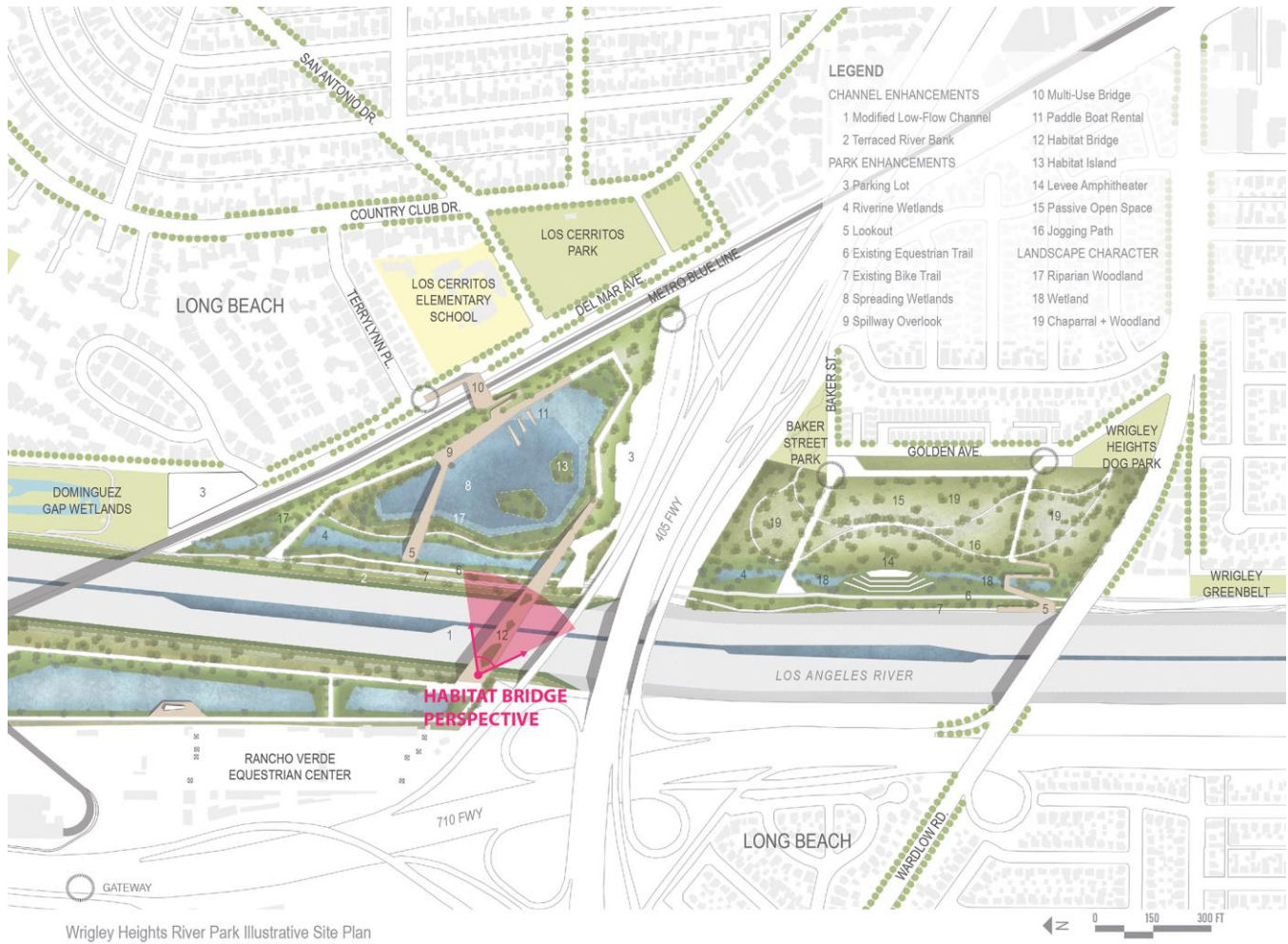


Figure 3.11-16. Habitat Bridge Location



Figure 3.11-17. Habitat Bridge Perspective