



# Waterloo Greenway Creek Delta Project Update

Parks and Recreation Board Meeting  
October 26, 2021

# Agenda

1. Waterloo Greenway Program Overview
2. Creek Delta Project Update
3. Possible Action: Request Support for Creek Delta Project & Recommendation to Planning Commission for Conditional Use Permit

# Program Overview


## waterloo greenway

**Sponsoring City Departments:**  
Watershed Protection Department &  
Parks and Recreation Department



**Non-Profit Partner:**  
Waterloo Greenway Conservancy



A large crowd of people is gathered on a grassy lawn at dusk. Many are sitting on blankets or the grass, looking towards the right. In the background, there are large trees and a city skyline with illuminated buildings. String lights are strung across the scene, adding a warm glow.

# Mission

Waterloo Greenway Conservancy creates and maintains an extraordinary urban park system and a restored Waller Creek, in partnership with the City of Austin, **for the benefit of all**. The Conservancy renews the natural environment, promotes play, health and wellness, economic vitality and mobility, and engages the community through outreach, education, cultural events, and the arts.



# Community Programming





# Creek Delta



- Located along Waller Creek between Lady Bird Lake and 4<sup>th</sup> Street
- Identified in Council-approved Waller Creek Design Plan
- Approximate 10-acre project area. Creek restoration, 1 mile of new trails, pedestrian bridges, water quality and utility improvements
- Preparing 100% construction documents, anticipated by December 2021







Moving away from the convention of hard engineering solutions...



...toward soft engineering solutions



In-channel Stability



Aquatic Planting



Stumpery



Live Fascines



Bank Stability



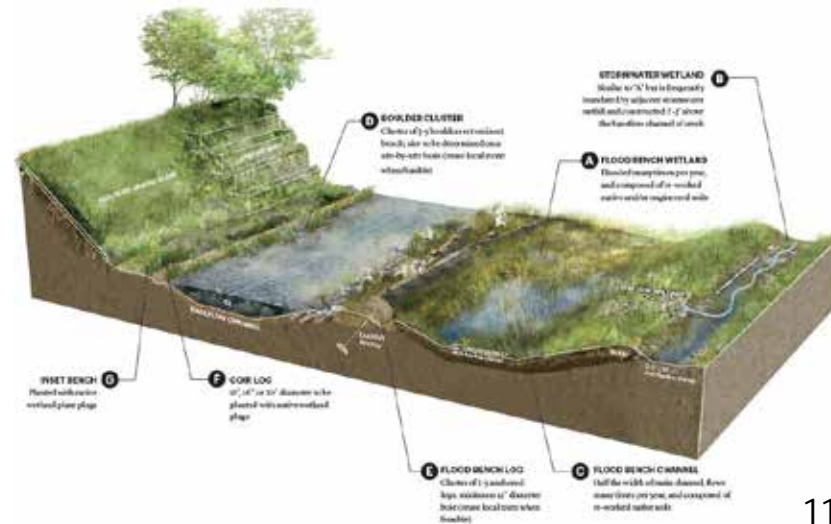
# Environmental Goals

- Functional Assessment (Environmental Criteria Manual)
- Water Quality - Biofiltration Pond and Inline Stormwater Treatment
- Trees
  - Vegetation and Soil Protection Zones
  - Enhanced tree mitigation and planting
- Sustainable SITES Certification

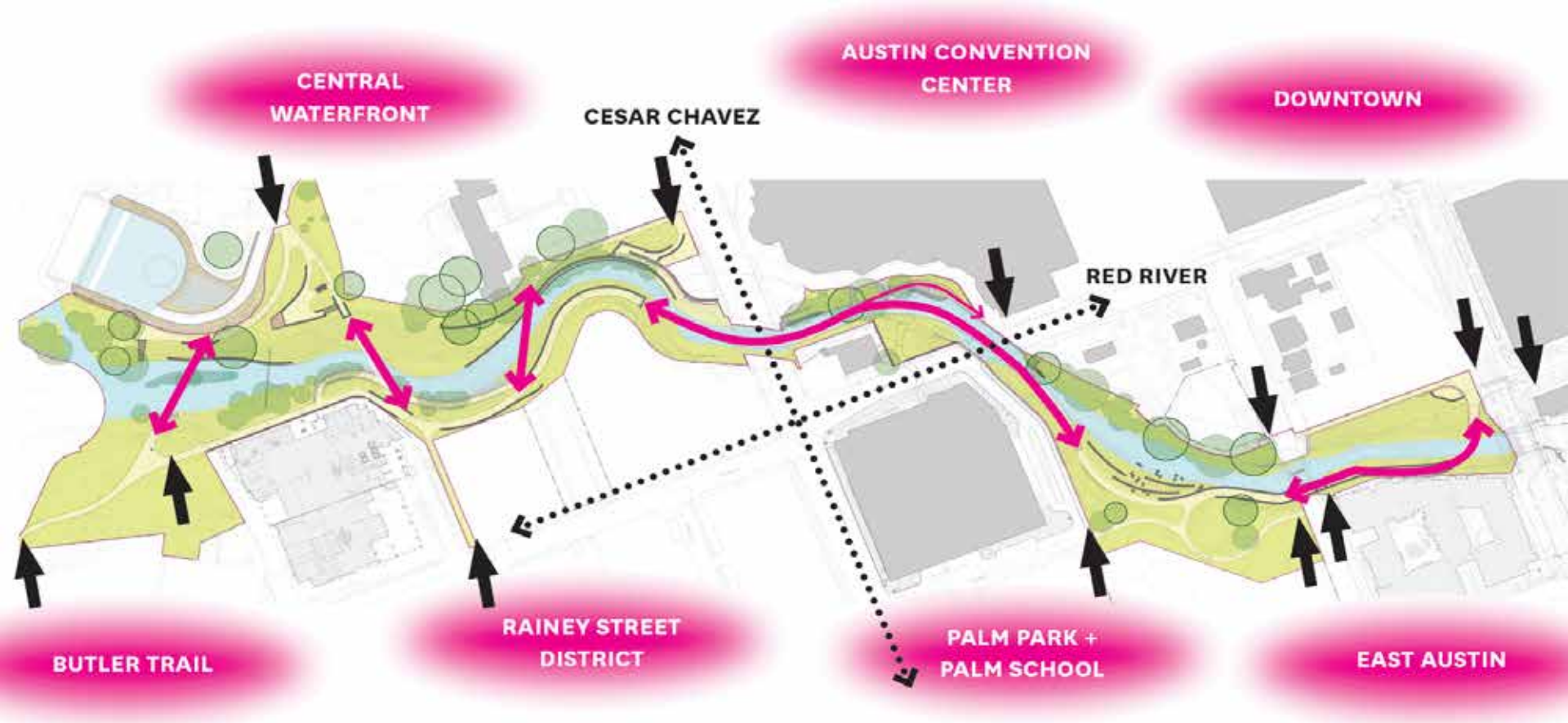
## THE Sustainable SITES Initiative®

SITES is the most comprehensive rating system used to certify design and construction projects focused on sustainable landscapes that want to measure performance and elevate their value. It was developed here in Central Texas, and is now administered internationally by Green Business Certification Inc. (GBCI) - just like LEED.

| GEOMORPHOLOGY                                      |                      |                                  |  | AQUATIC                      |                  |                        |                                  |
|--|----------------------|----------------------------------|--|------------------------------|------------------|------------------------|----------------------------------|
| Ensure Stream Health: Floodproof & Stabilize Banks | Prevent Mass Erosion | Prevent Encroachment of Channels | Prevent Obstructions, Infiltration & Bank/Channel Scouring & Degradation | Ensure Stream Bank Stability | Prevent Flooding | Prevent Eutrophication | Prevent Excess Sediment & Debris |
| •  | •                    | •                                | •  | •                            | •                | •                      | •                                |
| •  | •                    | •                                | •  | •                            | •                | •                      | •                                |
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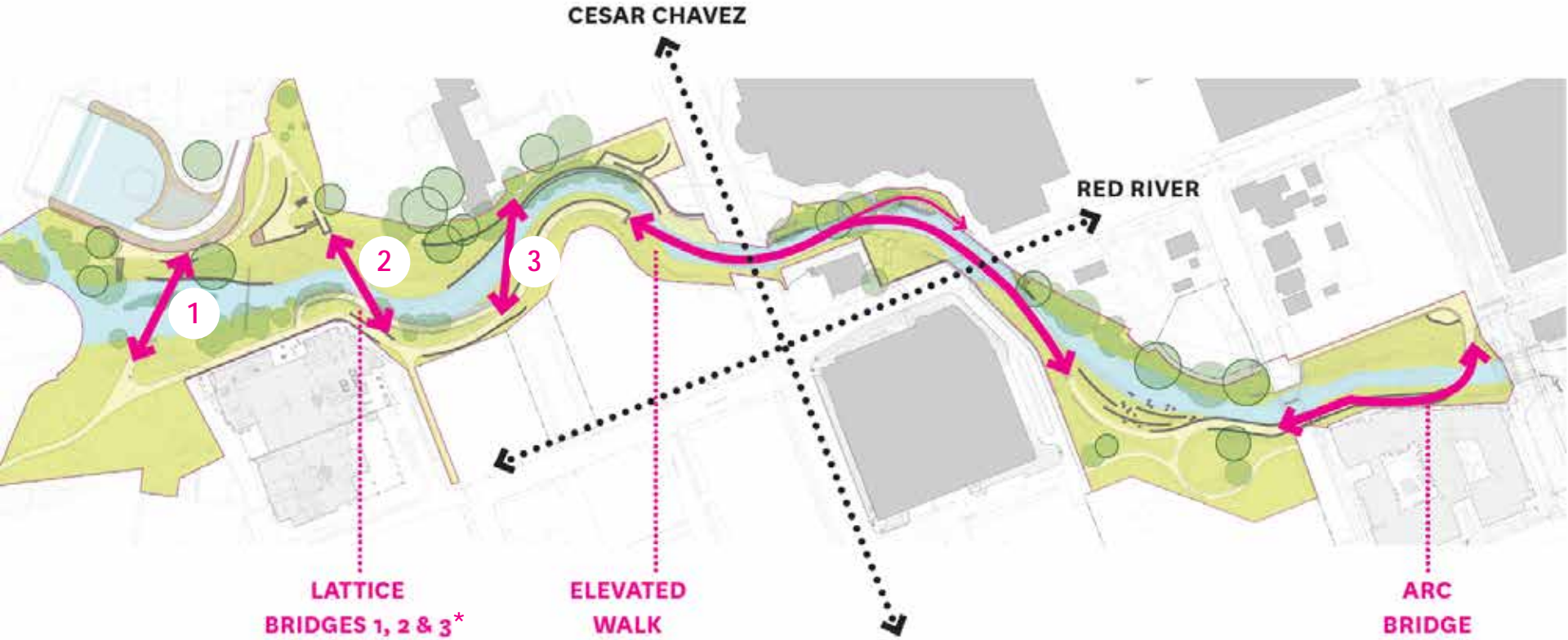


# Connectivity & Mobility





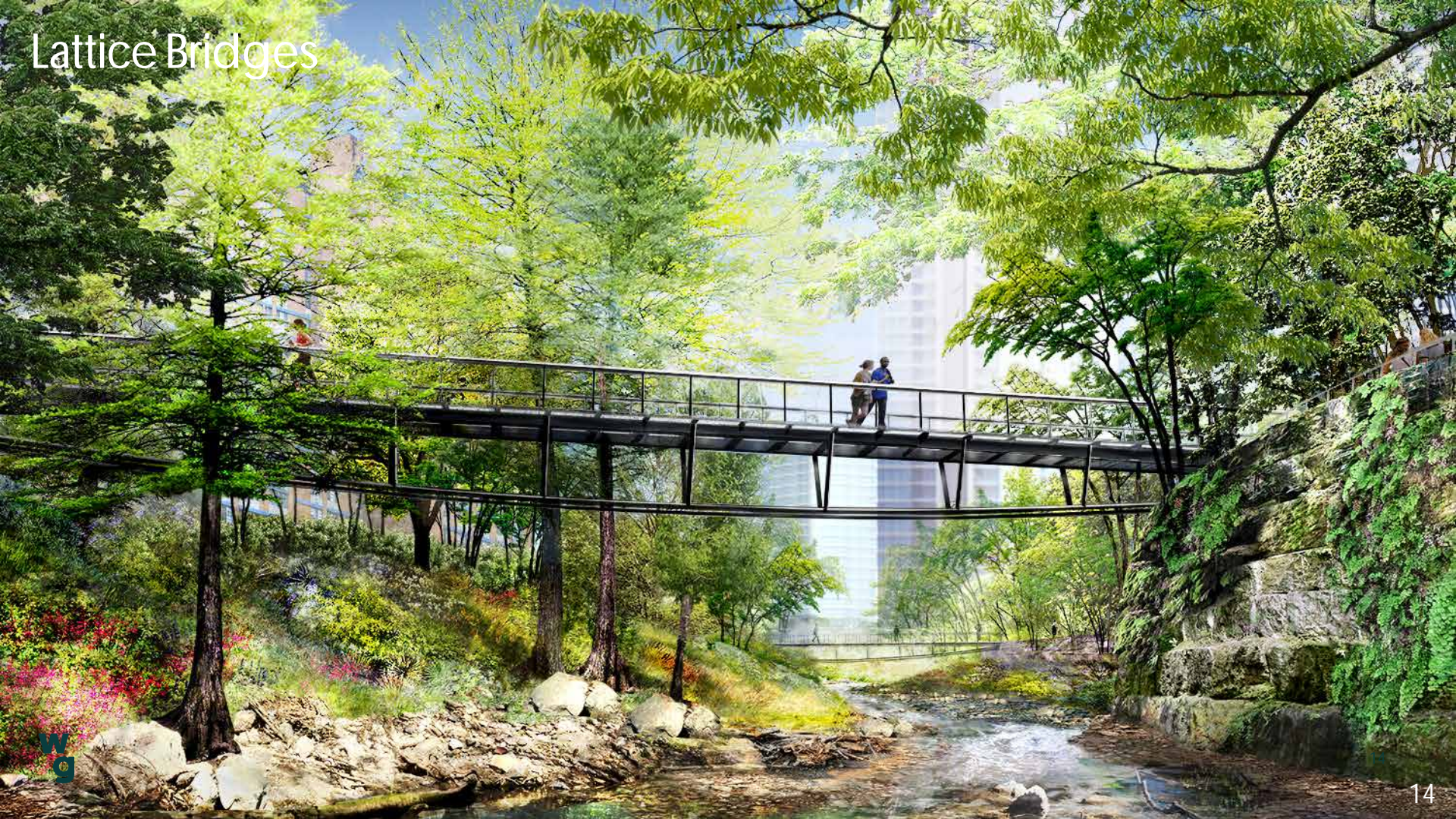
# Elevated Walkway + Bridges



\*Lattice Bridge 3 is currently an add/bid alternate.



# Lattice Bridges





# Elevated Walkway



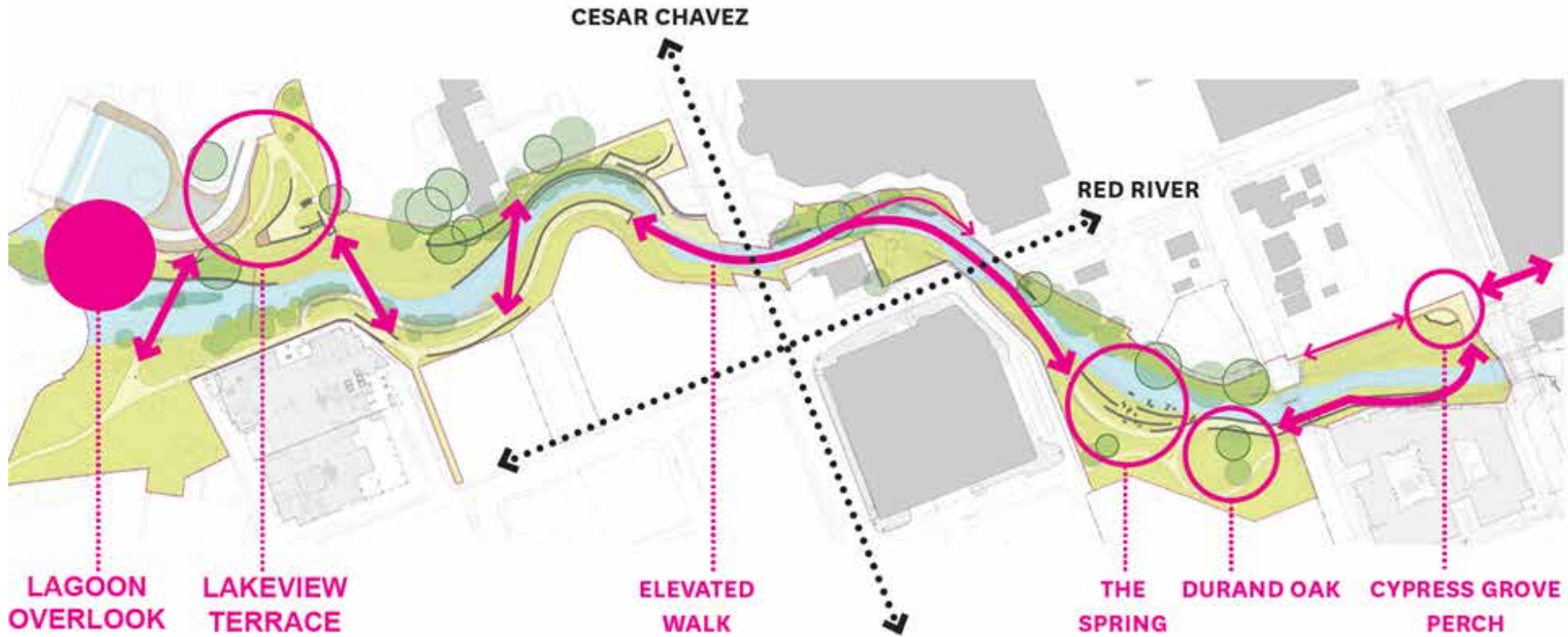


# Cypress Grove + Trailhead Plaza





# Lagoon Overlook + Leaf Deck



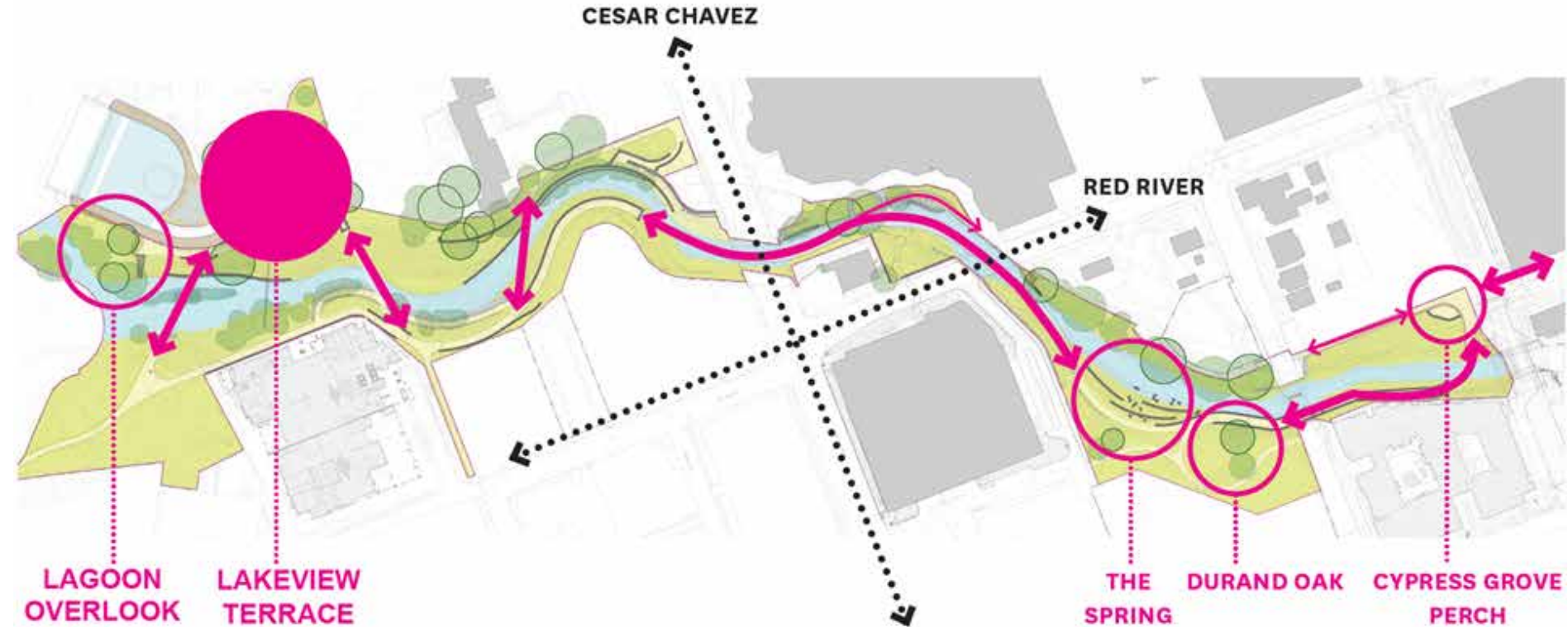


# Lagoon Overlook + Leaf Deck





# Lakeview Terrace + Explorer's Garden

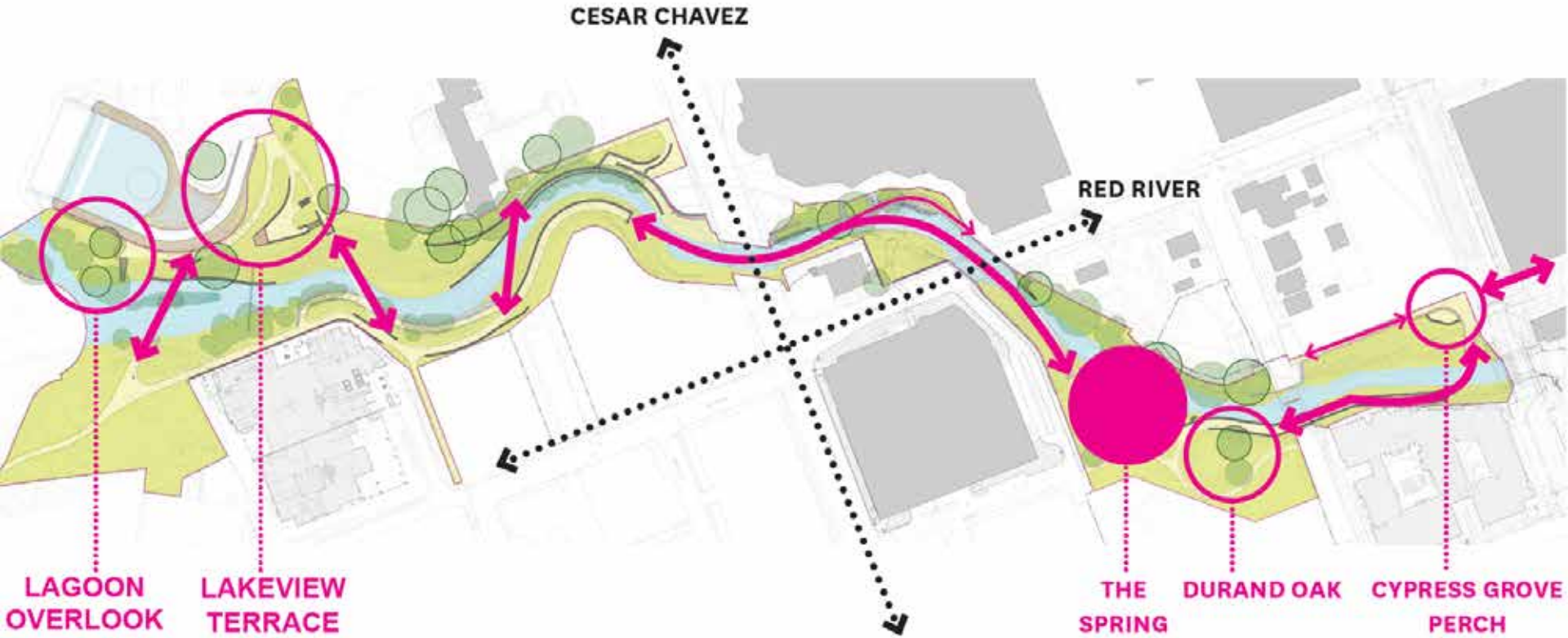


# Lakeview Terrace + Explorer's Garden





# The Spring





# The Spring





# Conditional Use for “P” Zoning

- Required for all site development permits on public land over 1 acre
- NOT related to CUP permit for alcohol sales
- Possible Action: Support of Creek Delta Project & Conditional Use Permit for “P” Zoning

# Creek Delta Schedule





# THANK YOU!

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