



# Waterloo Greenway Creek Delta Project Update

Design Commission Meeting  
December 13, 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

# 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

## OUTREACH OVERVIEW



- Feb 2018 – Waller Creek public meetings at MACC
- June 2018 – School field trip collaboration: Waller Creek/MACC
- Aug 2018 – Tabling at trail: Waller Creek/MACC
- Feb 2019 – Tabling at Austin Energy meeting at MACC
- May 2019 – Environment Commission presentation
- Summer 2019 – Presentation at Rainey neighborhood meeting at MACC
- Sept 2019 – Tabling at MACC “¡Viva México!” event
- Sept 2019 – Presentation at HQOL Commission
- Oct 2019 – Presentation at District 9 Rainey Street Historic District Visioning Meeting
- Nov 2019 – Tabling at MACC “Día de Los Muertos” event
- Feb 2020 – Palm District: R/UDAT Community/Project Area Tour
- March 2020 – MACC Advisory Board meeting presentation
- March 2020 – MACC Advisory Board meeting presentation
- Jan 2021 – MACC Advisory Board meeting
- March 2021 – MACC Working Group meeting
- Jan 2021 – Rainey Street Neighborhood presentation
- Sept 2021 – Environment Commission presentation
- Oct 2021 – Parks and Recreation Board presentation
- Nov 2021 – Creek Show at Waterloo Park



Texas Capitol

Mark C. Eccles, Jr.  
Social Equity Center

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# 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**

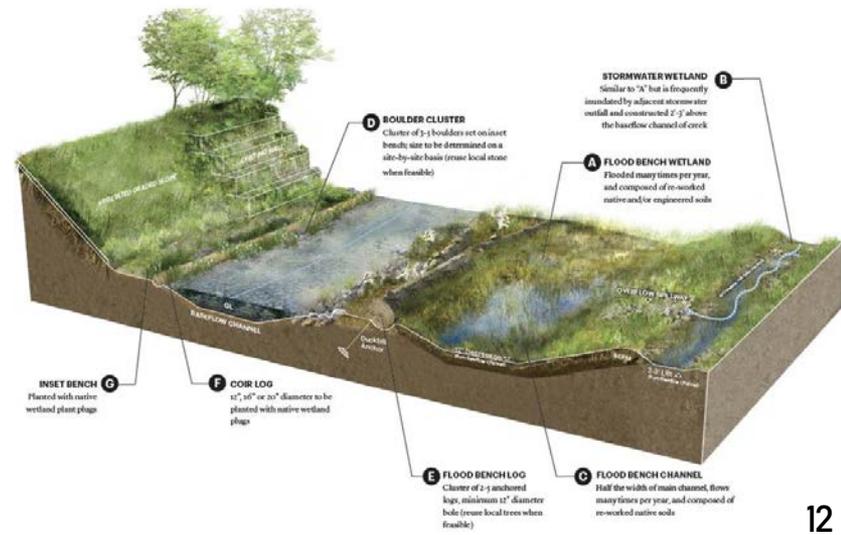
# Environmental Goals

- 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

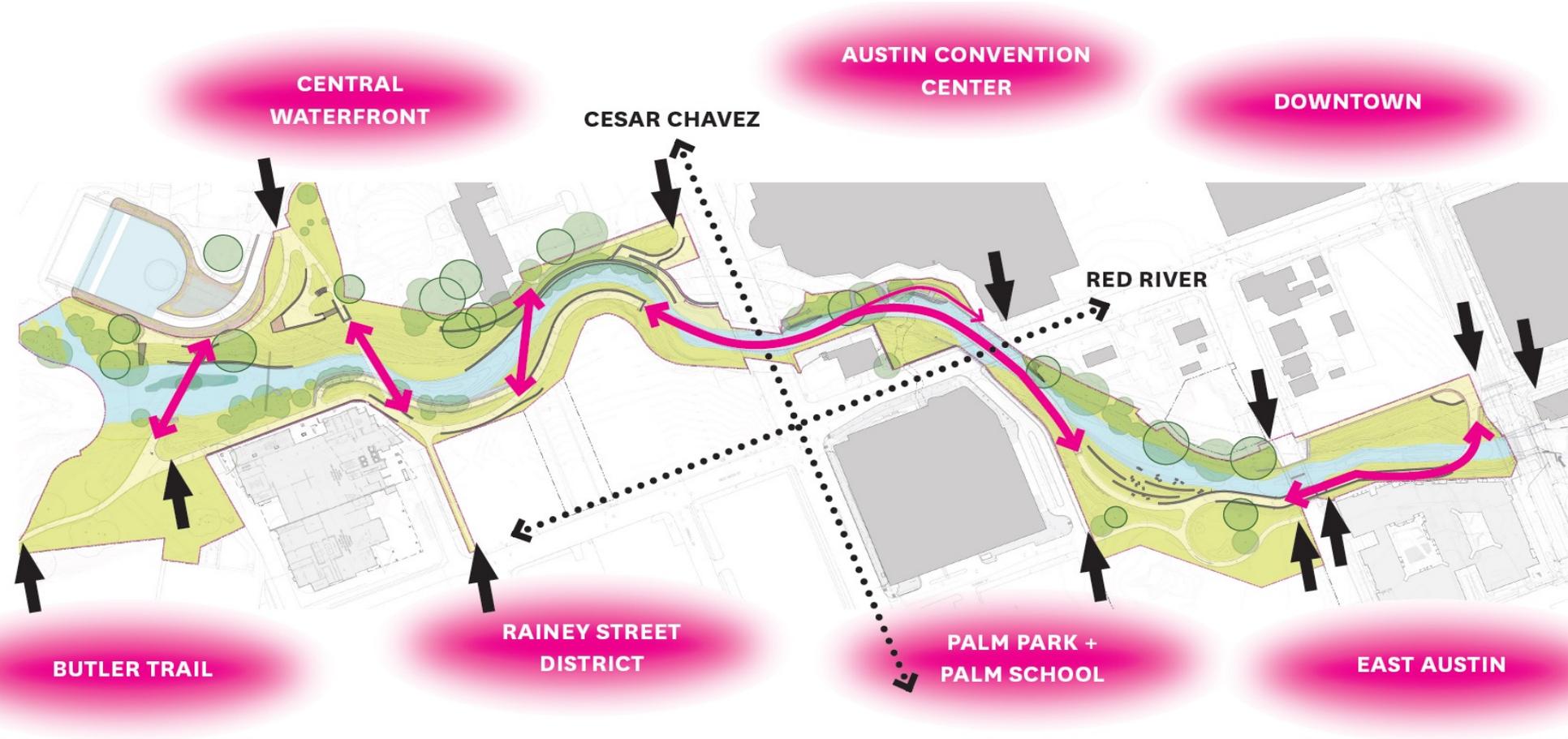
## THE Sustainable SITES Initiative®

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.

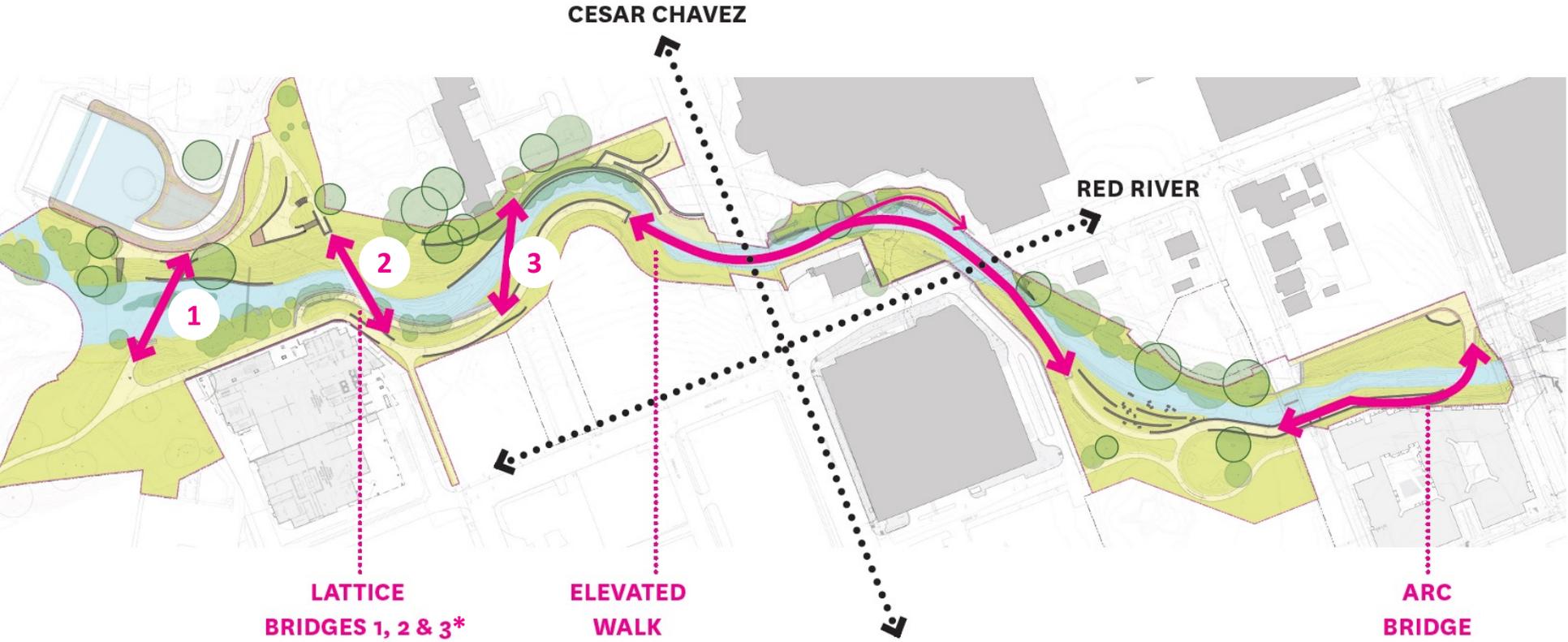
GEOMORPHOLOGY				AQUATIC					
Ensure Down Healthy Vegetation & Stable Soils	Prevents Mass Wearing	Prevent Entrenchment of Channel	Provide Obstructions, Deflections & Beneficial Scouring & Deposition	Ensure Storm Flowa Nurture Floodplain	Provide Optimal Substrate & Cover Bottom	Prevent Entrenchment of Stream	Ensure Diversity of Velocity /Depth /Regime	Ensure Frequent Trills for Habitat Diversity	Ensure Inland Proximity for Engaging & Prevent Stabilization
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# Connectivity & Mobility



# Elevated Walkway + Bridges



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

# Lattice Bridges



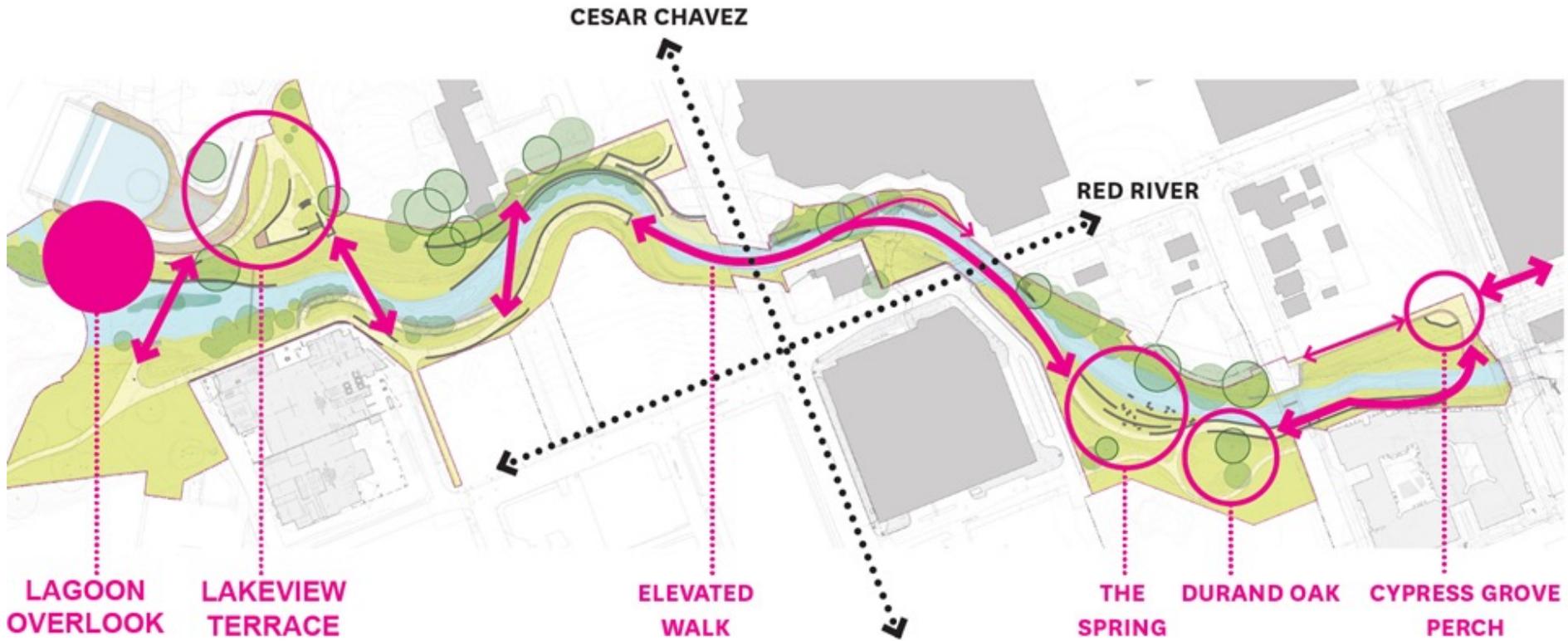
# Elevated Walkway



# Cypress Grove + Trailhead Plaza



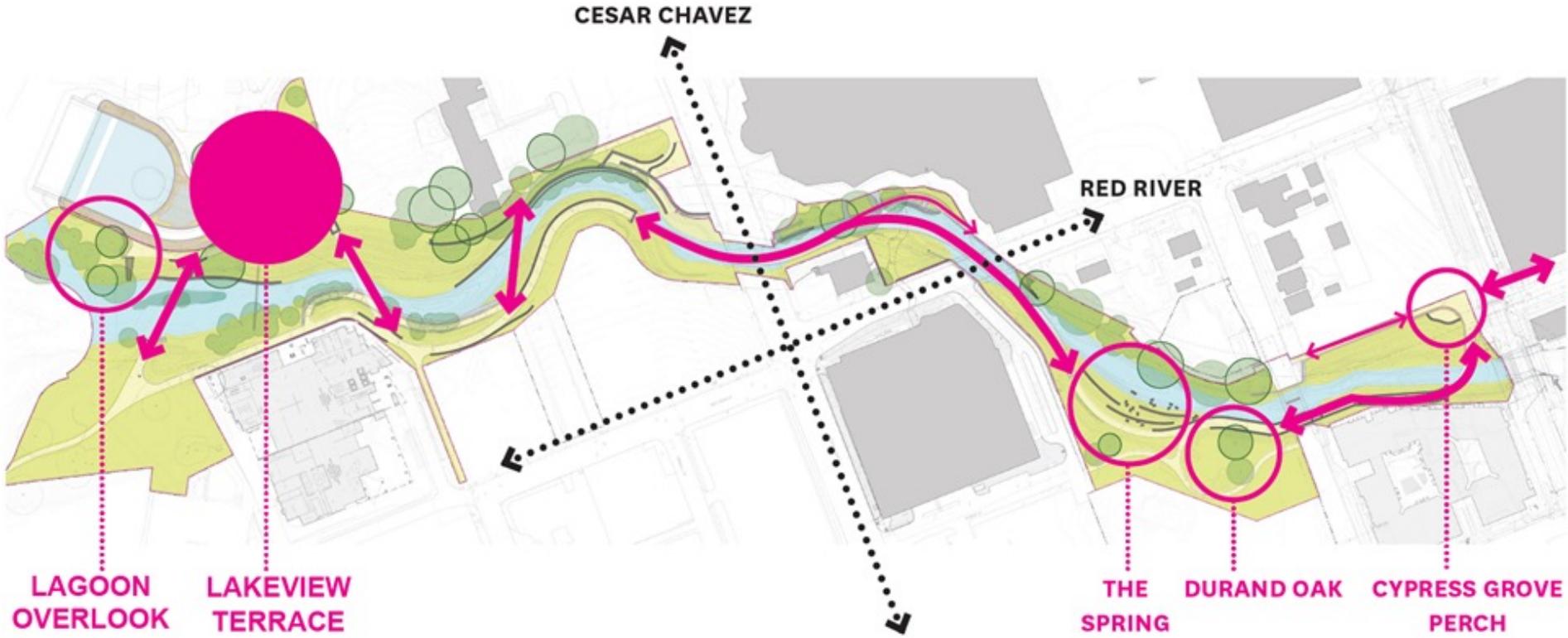
# Lagoon Overlook + Leaf Deck



# Lagoon Overlook + Leaf Deck



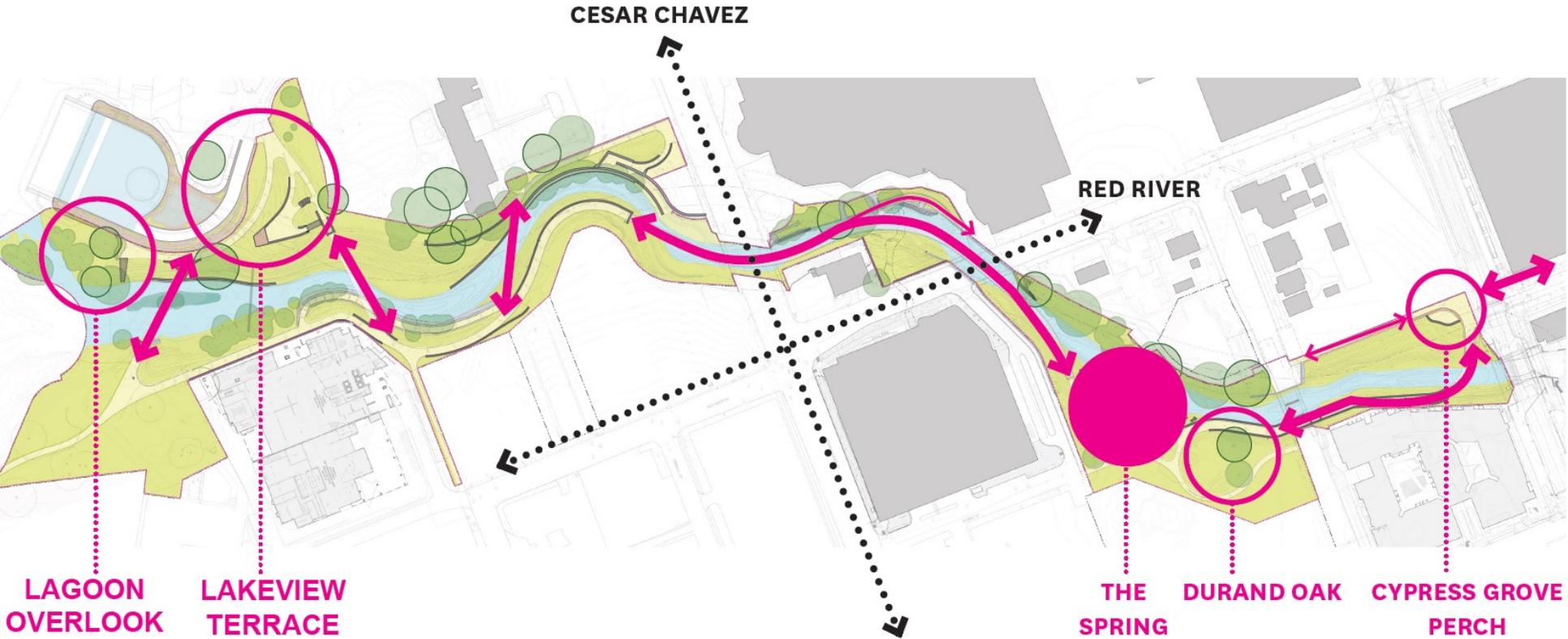
# Lakeview Terrace + Explorer's Garden



# 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!

## Parks & Recreation

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## Watershed Protection

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## Waterloo Greenway

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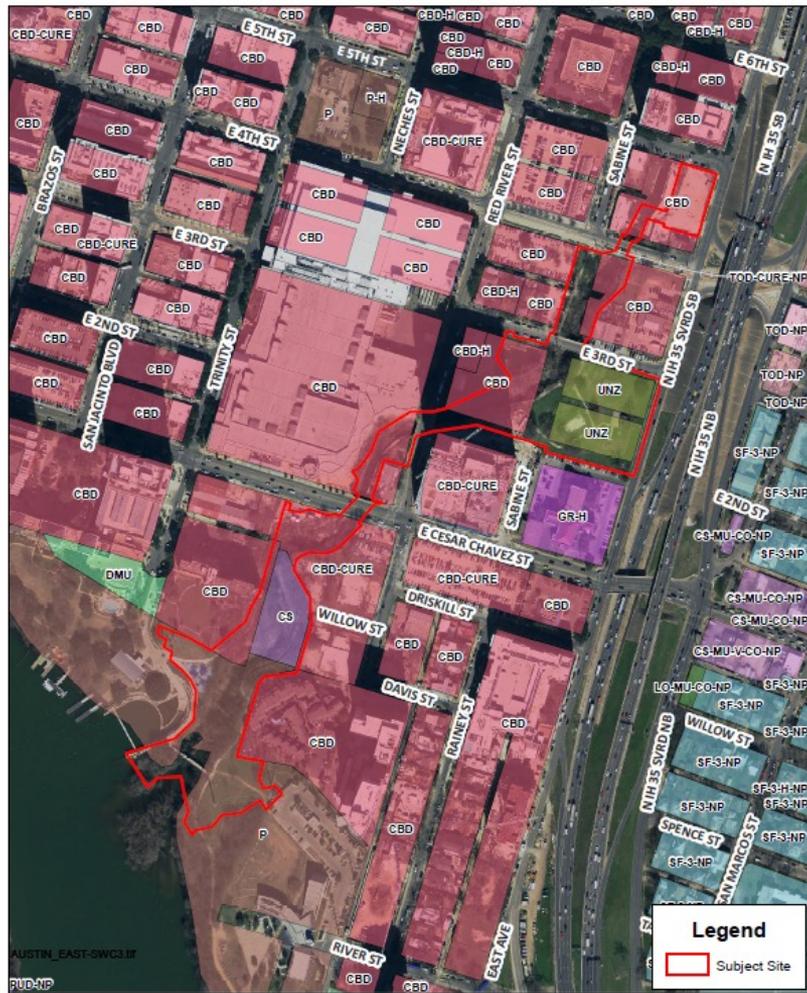
### SITE LOCATION MAP

Water Lines from 4th St to the Colorado River  
Austin, Travis County, Texas

0 150 300 450 600

30174201 05 | 08.04.2018 | WGI.com





AUSTIN\_EAST-SWC3.B7  
 PUD-NP



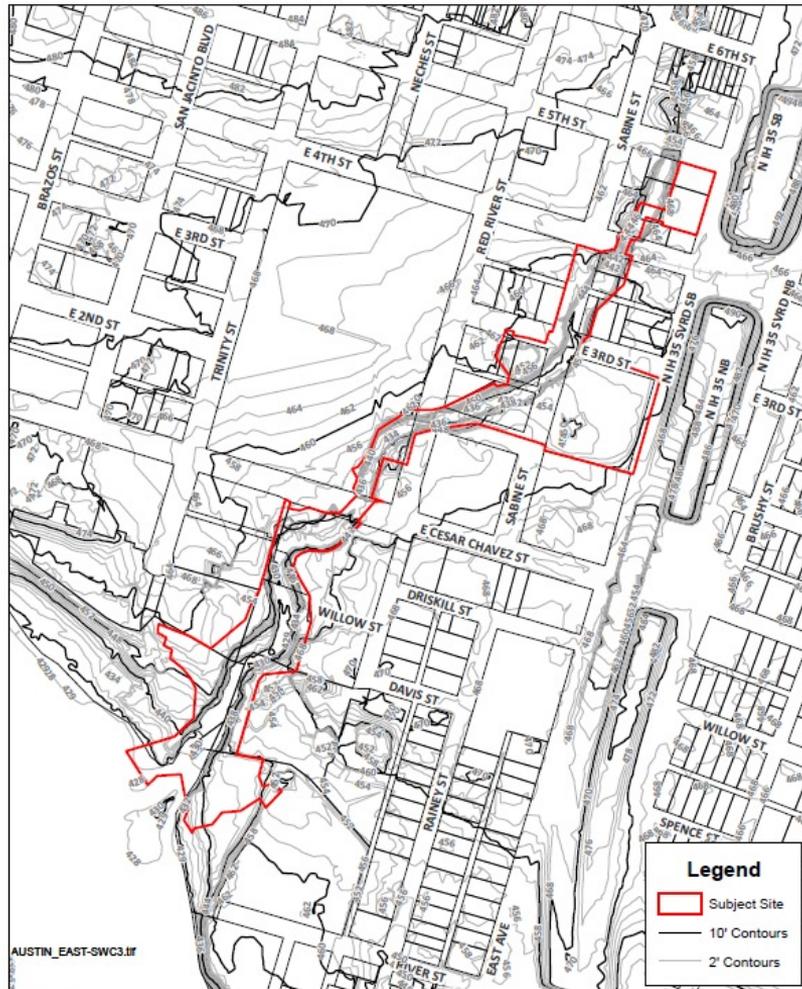
**CITY OF AUSTIN ZONING MAP**

Waller Creek from 4th St to the Colorado River  
 Austin, Travis County, Texas



3017-4001-05 | 08-04-2019 | WMA.com





AUSTIN\_EAST-SWC3.IIF

