

An aerial photograph of a city area, likely Austin, Texas, showing a dense urban grid. A winding creek flows through the city, and a yellow line highlights a specific project area along its banks. The text "Waterloo Greenway Creek Delta Project Update" is overlaid on the bottom left of the image.

# Waterloo Greenway Creek Delta Project Update

City of Austin Environmental Commission Meeting  
September 1, 2021

# Agenda

1. Waterloo Greenway Program Overview
2. Creek Delta Project Update
3. Gain feedback and request recommendation of support for the Creek Delta Project



# Program Overview

# waterloo greenway

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



Private Non-Profit Partner:  
Waterloo Greenway Conservancy



Texas Capitol

Mark C. Britcher, Jr.  
Council Forth- Easton

SAN JACINTO BLVD

TRINITY ST

NECHES ST

RED RIVER ST

SABINE ST

IH-35

15TH ST

Moody Amphitheater

Waterloo Park

Dell Seton  
Medical Center

Dell Medical School  
at the University of Texas

Central Health Breckinridge  
Redevelopment Site

Frank C. Irwin, Jr.  
Special Events Center

Symphony Square

The Refuge

Palm School

Palm Park

Austin Convention Center

Emma S. Barrientos  
Mexican American  
Cultural Center

RAINEY ST

DAVIS ST

DRANKEL ST

CSAK CHAVEZ ST

2ND ST

3RD ST

4TH ST

5TH ST

7TH ST

8TH ST

9TH ST

10TH ST

11TH ST

12TH ST

Pontoon Bridge

Creek Delta

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# Waterloo Greenway

Phase 1 Phase 2 Phase 3

Local Government  
Corporation formed  
2011



Bond approved  
for \$14M for WC  
redevelopment  
2012

Waterloo Park  
groundbreaking  
2017



Waller Creek  
Conservancy renamed  
Waterloo Greenway  
2019



Waterloo Park  
Grand Opening  
2021



Design competition  
launched  
2011

Winning design team  
chosen (MVVA, et al)  
2012



Joint Development  
Agreement signed  
2014



Waller Creek Tunnel  
completed  
2018

**waterloo  
greenway**

Creek Delta  
90% Construction  
Documents  
2021





# Waterloo Park

Opened  
August 14, 2021



Texas Capitol

Mark C. Britton, Jr.  
Council Forth- Easton

SAN JACINTO BLVD

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Emma S. Barrientos  
Mexican American  
Cultural Center

Creek Delta

Pontoon Bridge

Lady Bird Lake

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g

# Waterloo Greenway

Phase 1 Phase 2 Phase 3



# 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







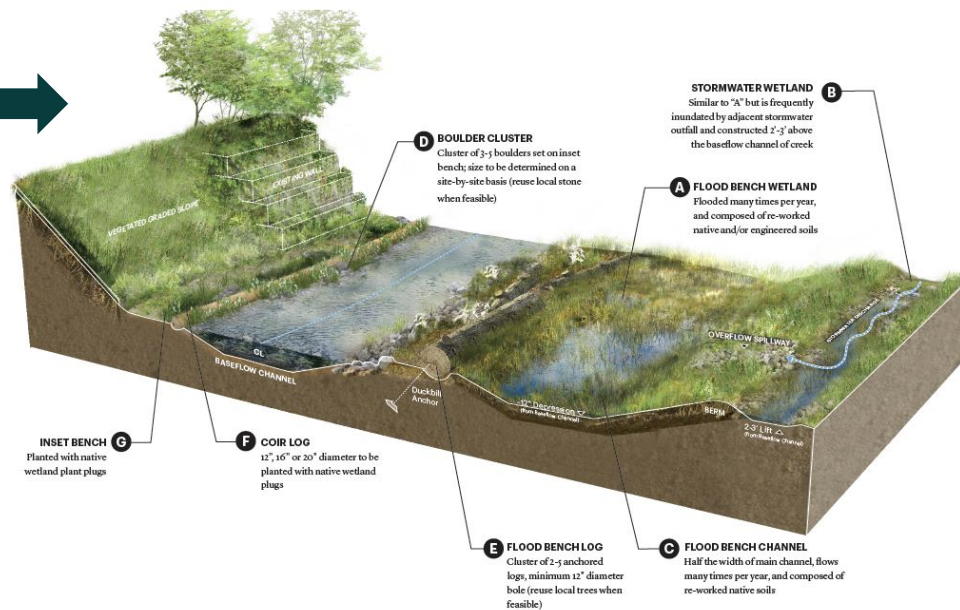




# Functional Assessment of Ecosystems

GEOMORPHOLOGY				AQUATIC			
Ensure Stream Health Vegetation & Stable Banks				Provide Epifaunal Substrate & Cover			
Prevent Marine Wasting				Prevent Embolus/obstruction at Stream Bottom			
Prevent Entrenchment of Channel				Ensure Diversity & Velocity (Depth) Regimes			
Provide Obstructions, Diffusers & Beneficial Sorting & Deposition				Ensure Frequent Baffles for Habitat Diversity			
Ensure Storm Flow & Baseflow Flows				Ensure Inlets/Outlets for Habitat Exchange & prevent Isolation			

**CROSS SECTION: RIPARIAN AREA, FLOOD BENCHES & AQUATIC HABITAT**



# Environmental Goals

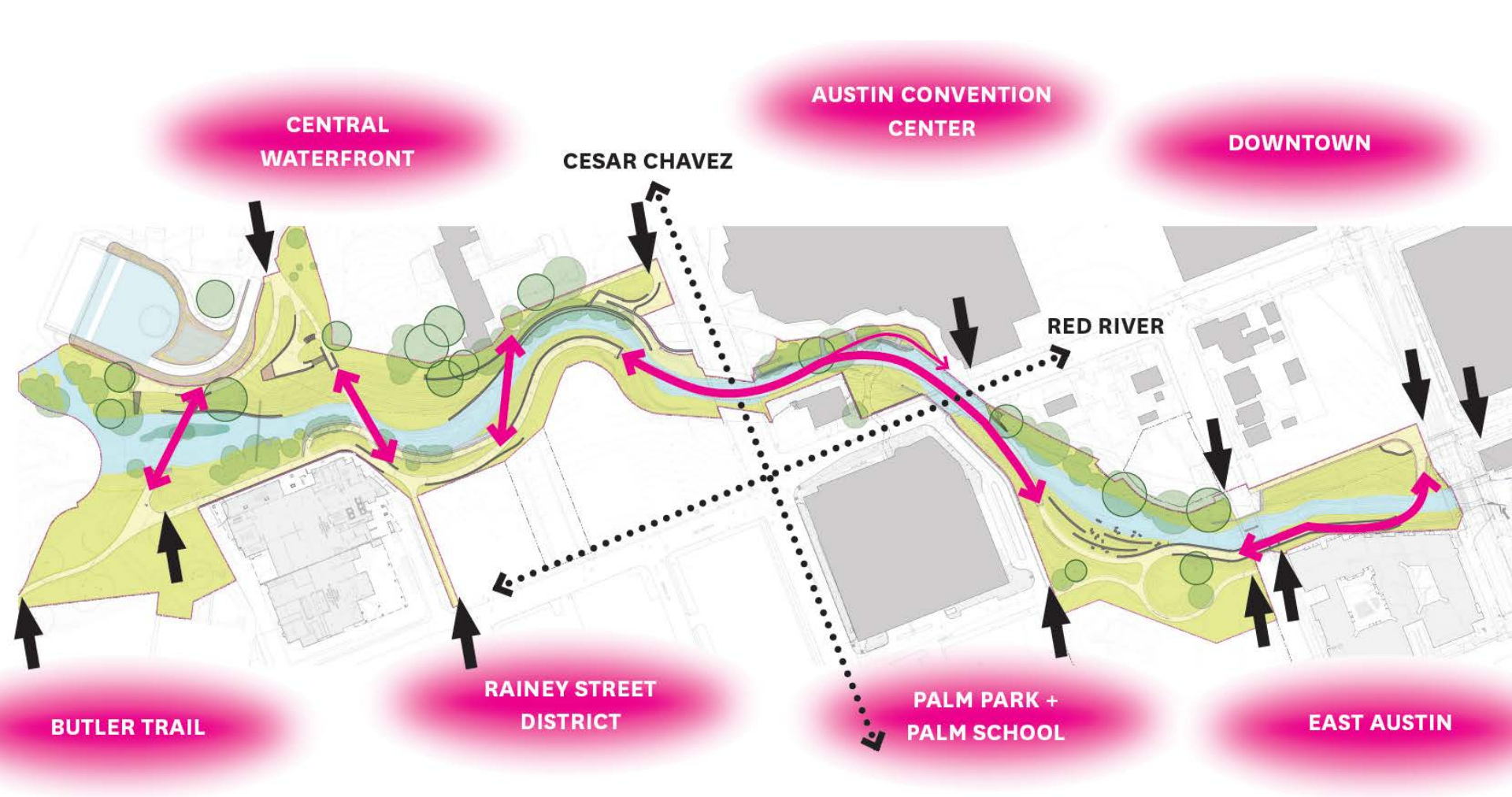
- Functional Assessment (Environmental Criteria Manual)
- Sustainable SITES Certification
- Water Quality - Biofiltration Pond and Inline Stormwater Treatment
- Trees
  - Vegetation and Soil Protection Zones
  - Enhanced tree mitigation and planting

## THE Sustainable SITES Initiative®

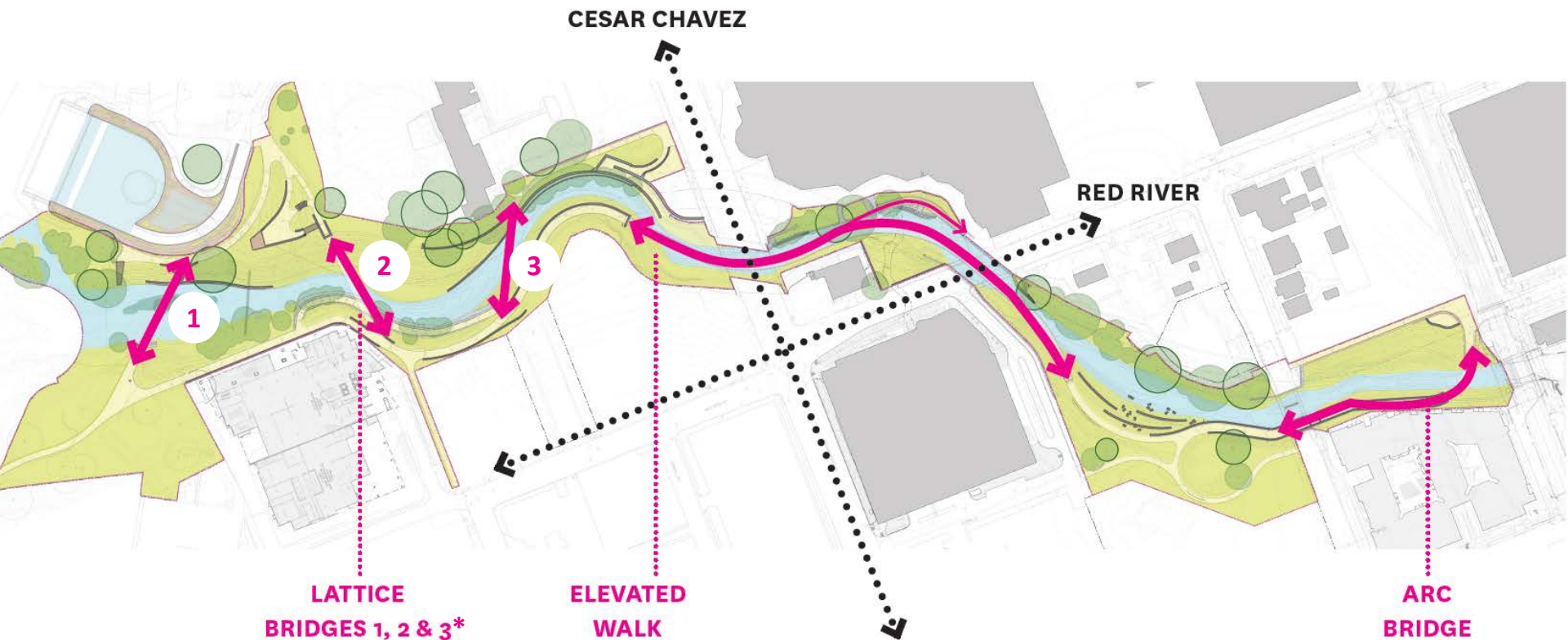
SITES is the most comprehensive rating system used to certify design and construction projects focused on sustainable landscapes that want to measure performance and elevate their value. It was developed here in Central Texas, and is now administered Internationally by Green Business Certification Inc.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







# Elevated Walkway + Bridges



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

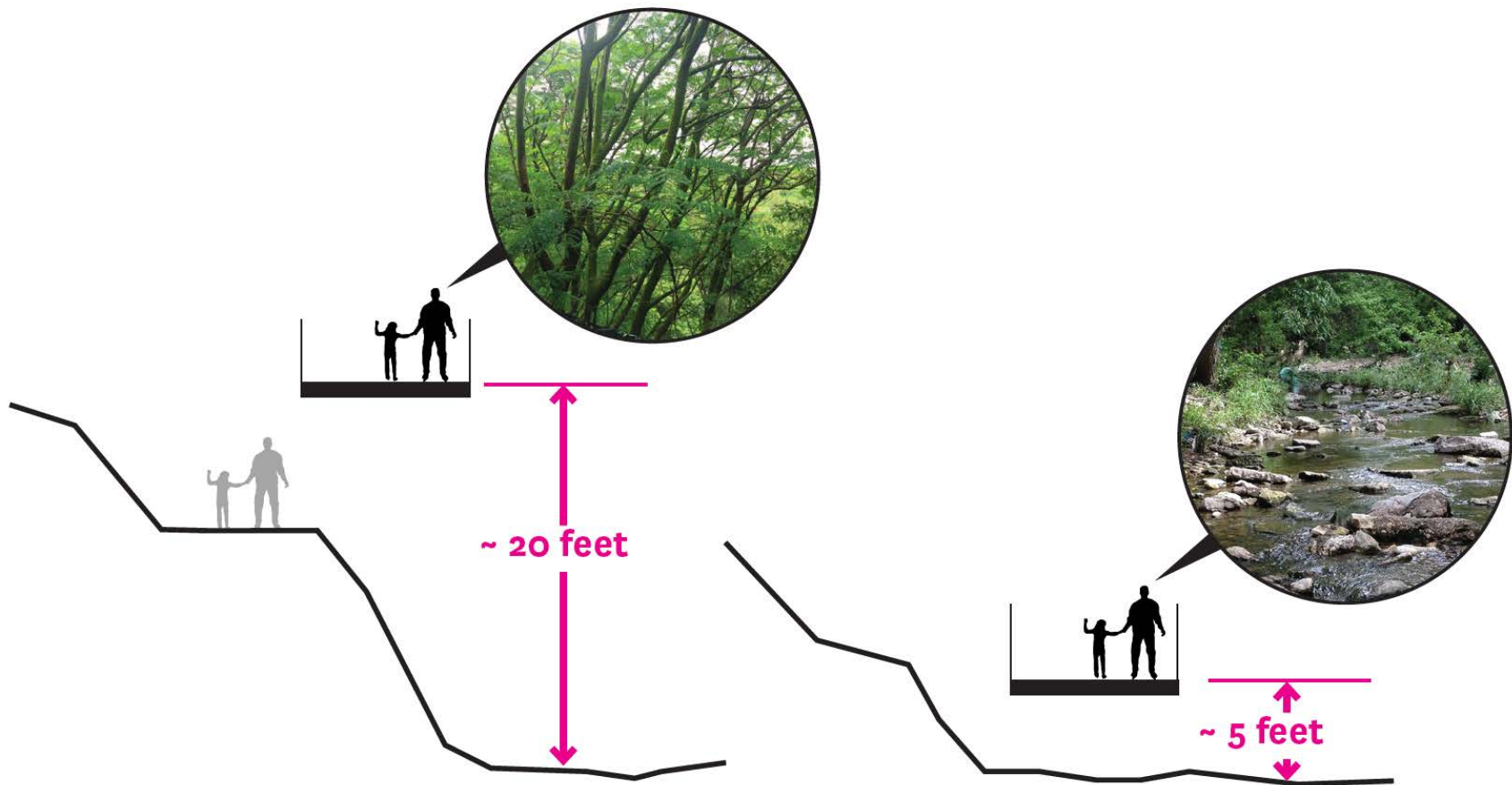


# Elevated Walkway + Bridges





# Elevated Walkway + Bridges

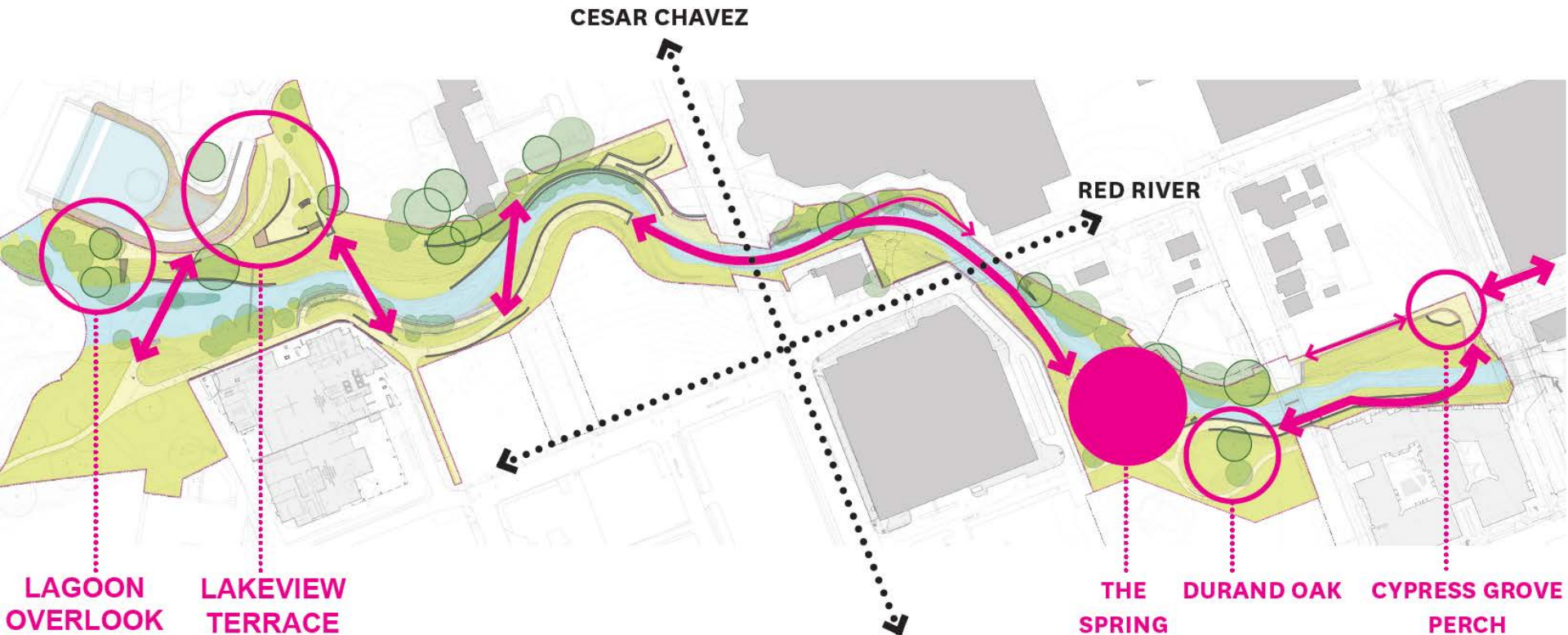




# Elevated Walkway + Bridges



# The Spring

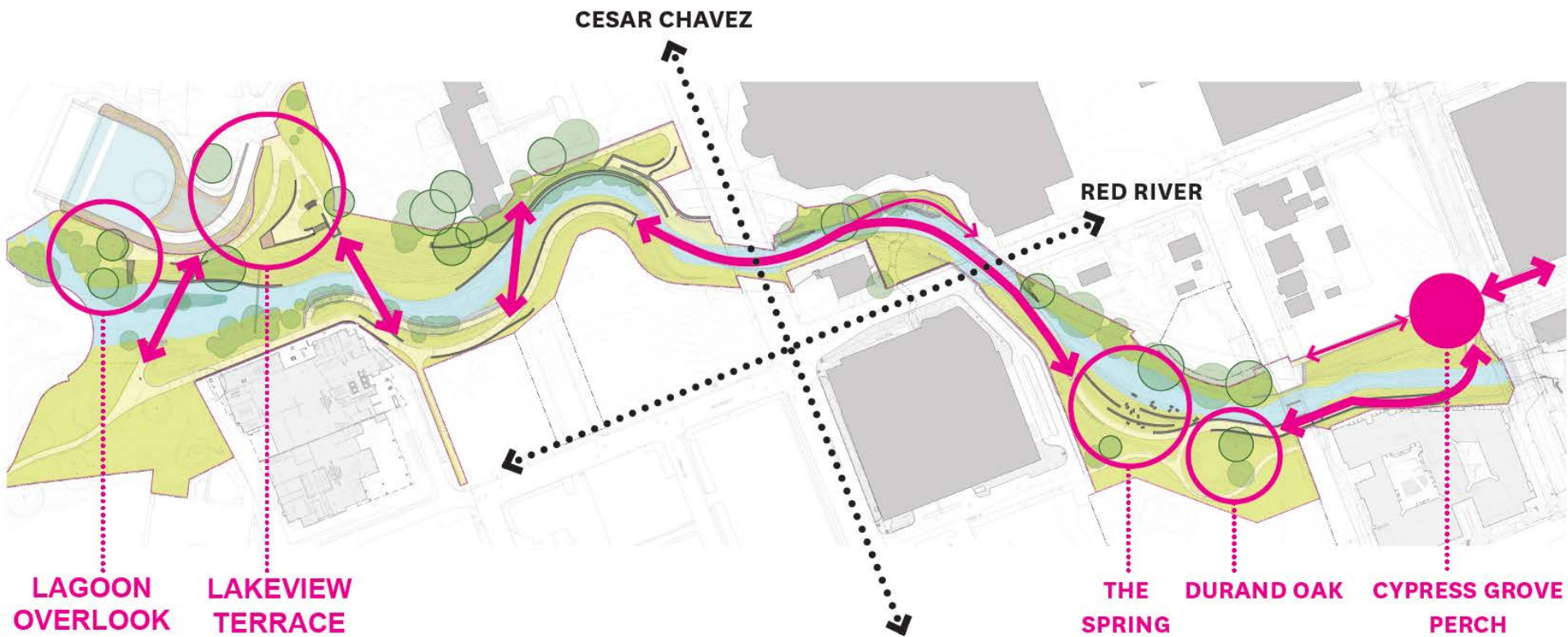




# The Spring



# Cypress Grove + Trailhead Plaza





# Cypress Grove + Trailhead Plaza



# Creek Delta Schedule





# Funding Sources

- Waller Creek Tax Increment Reinvestment Zone (TIRZ) #17
- Watershed Protection
  - Drainage Utility Fund
  - Riparian Mitigation Zone Fund
  - Urban Structural Control Fund
- Parks & Recreation
  - 2012 General Obligation Bond
  - Parkland Dedication and Mitigation Fees
- Waterloo Greenway Conservancy Private Donations
- Developer Agreements
- Other COA Department Contributions:
  - Austin Energy
  - Austin Water
  - Austin Convention Center

# THANK YOU!

## Parks & Recreation

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## Watershed Protection

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(512) 974-7168

## Waterloo Greenway

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