



# 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. Eccles, Jr.  
Council Floor Lobby



Lady Bird Lake

Pontoon Bridge

Emma S. Barrientos  
Mexican American  
Cultural Center

Creek Delta

RAINEY ST

DAVIS ST

DRINKELL ST

CSMA & CHANIZ ST

2ND ST

3RD ST

4TH ST

5TH ST

SAN JACINTO BLVD

6TH ST

7TH ST

8TH ST

9TH ST

10TH ST

11TH ST

12TH ST

Moody Amphitheater

Austin Convention Center

TRINITY ST

NECHES ST

Red River Cultural District

RED RIVER ST

SABINE ST

Palm School

Palm Park

1H-25

The Refuge

Symphony Square

Waterloo Park

Dell Seton  
Medical Center

Bell Medical School  
at the University of Texas

Central Health Breckinridge  
Redevelopment Site

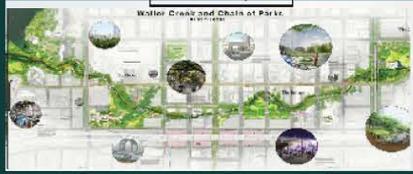
Frank C. Irwin, Jr.  
Special Events Center

WG

# 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



Joint Development Agreement signed  
2014



Waller Creek Tunnel completed  
2018

**waterloo greenway**

Creek Delta 90% Construction Documents  
2021



Winning design team chosen (MVVA, et al)  
2012



# Waterloo Park

Opened  
August 14, 2021



Texas Capitol

Mark C. Eccles, Jr.  
Council Tower East



Lady Bird Lake

Pontoon Bridge

Emma S. Barrientos  
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IH-35

Symphony Square

WG

# 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



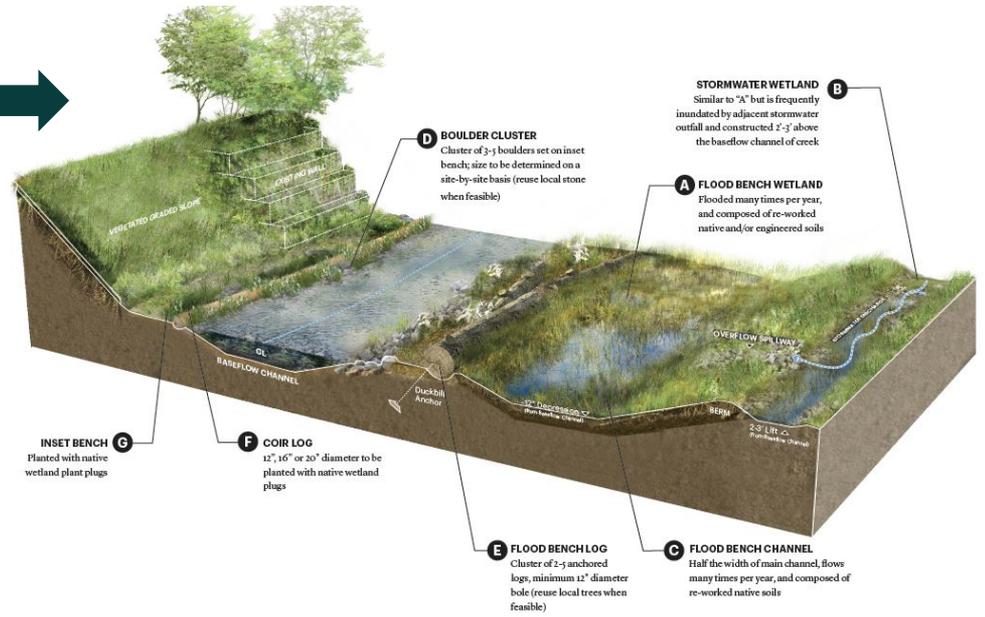


# Functional Assessment of Ecosystems

GEOMORPHOLOGY				AQUATIC			
Ensure Channel Health & Functionality	Prevent Bank Erosion	Prevent Encroachment of Channel	Provide Obstructions & Diversions	Prevent Encroachment of Channel	Ensure Diversity of Velocity/Turbulence	Ensure Frequency/Volume of Habitat Diversity	Ensure Inundation of Riparian Wetland Ecotone & Promote Sedimentation
•	•	•	•	•	•	•	•
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- A** FLOOD WETLAND BENCH
- B** STORMWATER WETLAND
- C** FLOOD BENCH CHANNEL
- D** BOULDER CLUSTER
- E** FLOOD BENCH LOG
- F** COIR LOG
- G** INSET BENCH

CROSS SECTION: RIPARIAN AREA, FLOOD BENCHES & AQUATIC HABITAT



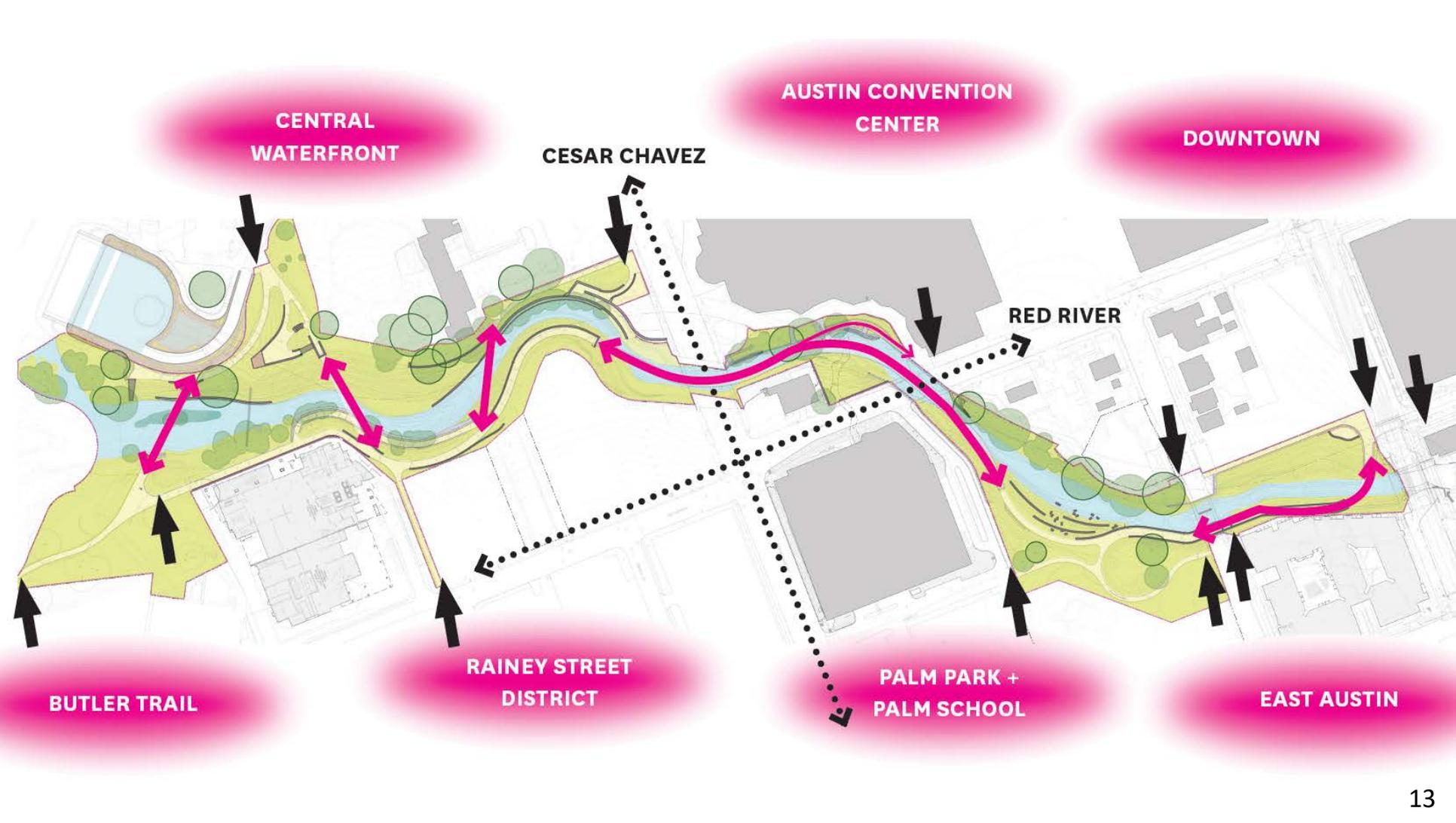
# Environmental Goals

- 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

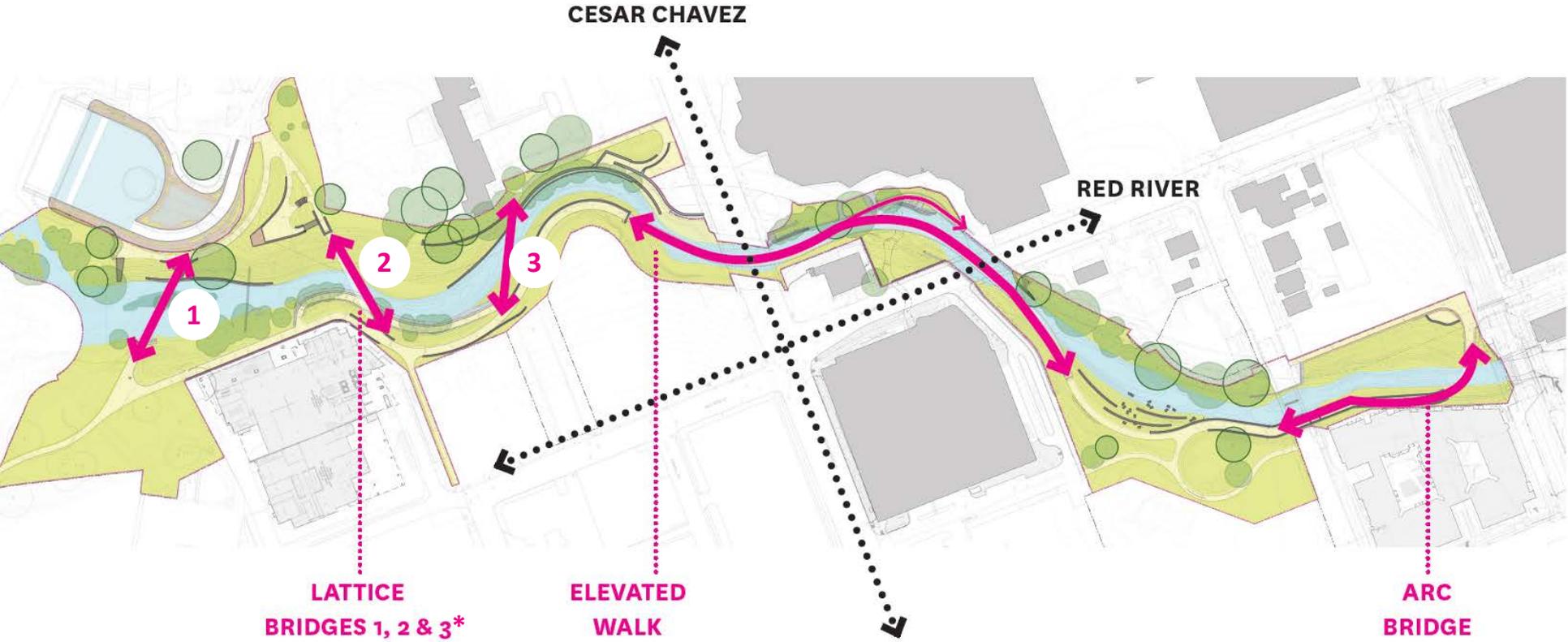
## THE Sustainable SITES Initiative®

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

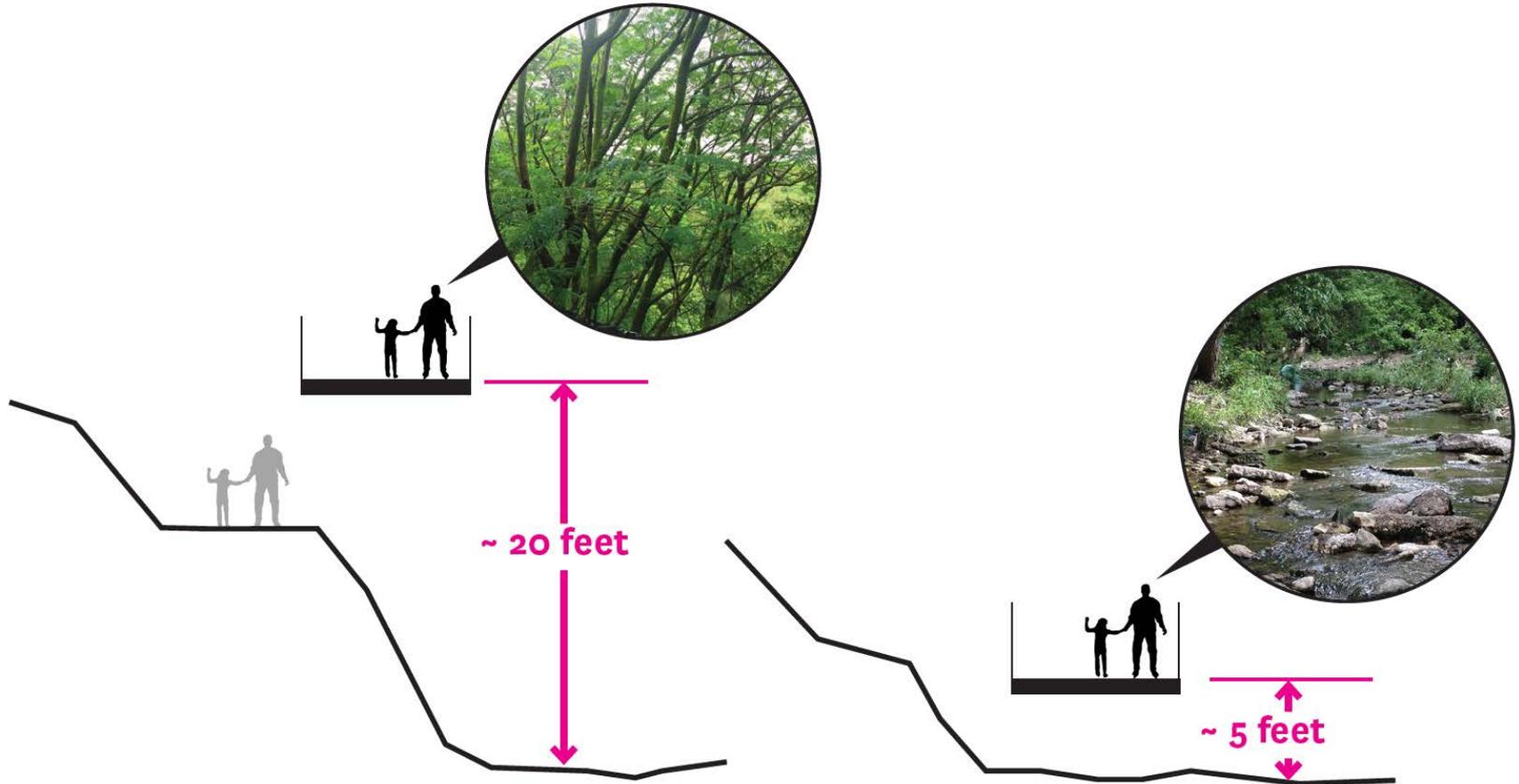


\*Lattice Bridge 3 is currently an add/bid alternate.

# Elevated Walkway + Bridges



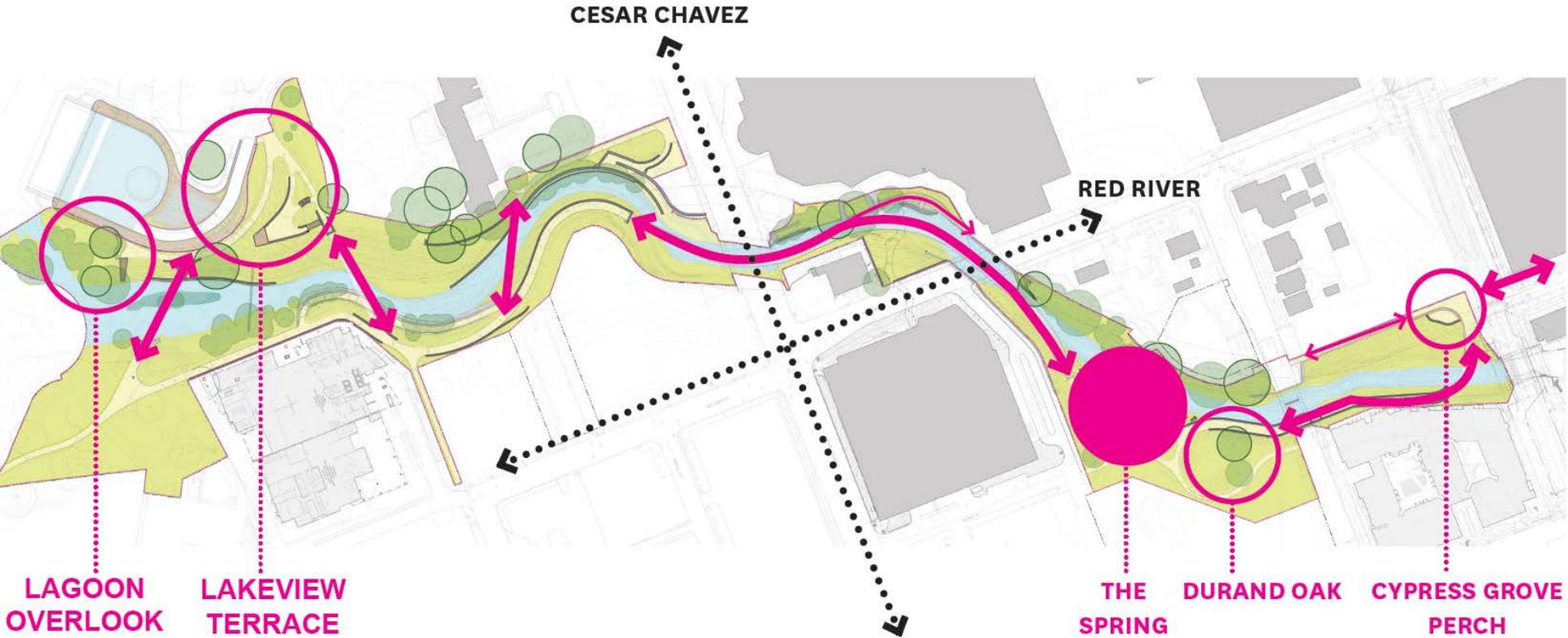
# Elevated Walkway + Bridges



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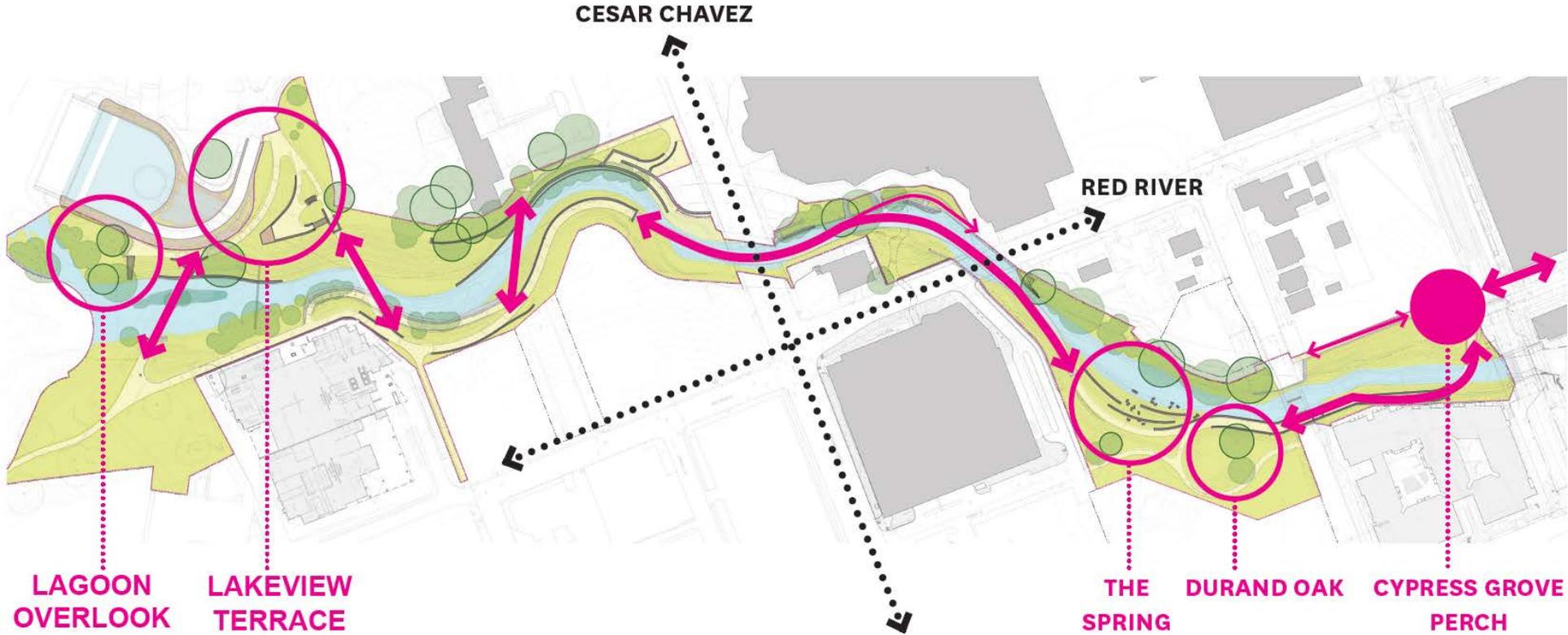
# The Spring



# 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

Lana Denkeler: [lane.denkeler@austintexas.gov](mailto:lane.denkeler@austintexas.gov)

## Watershed Protection

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(512) 974-7168

## Waterloo Greenway

Chris Perkes: [cperkes@waterloogreenway.org](mailto:cperkes@waterloogreenway.org)