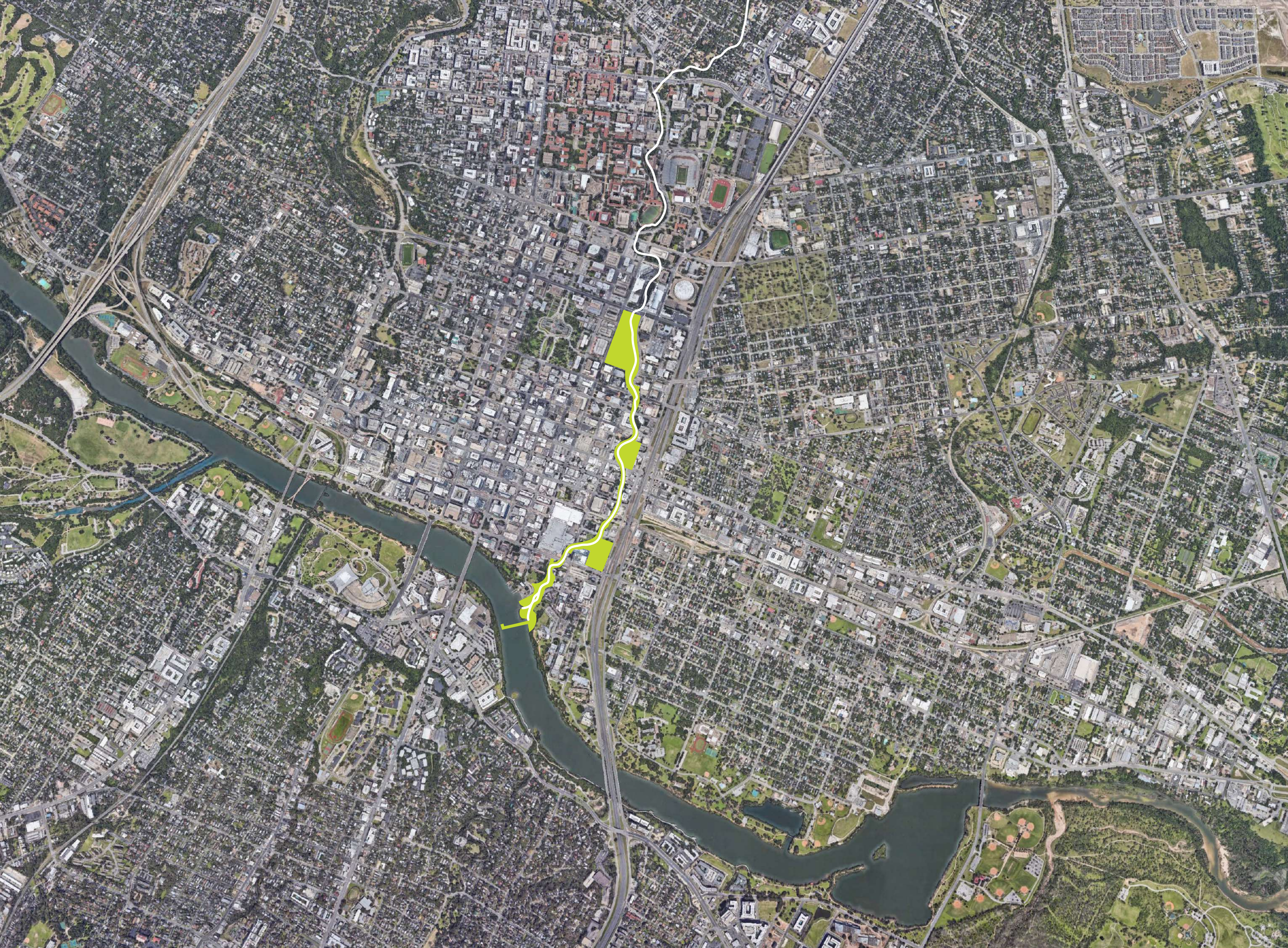
Waller Creek Conservancy

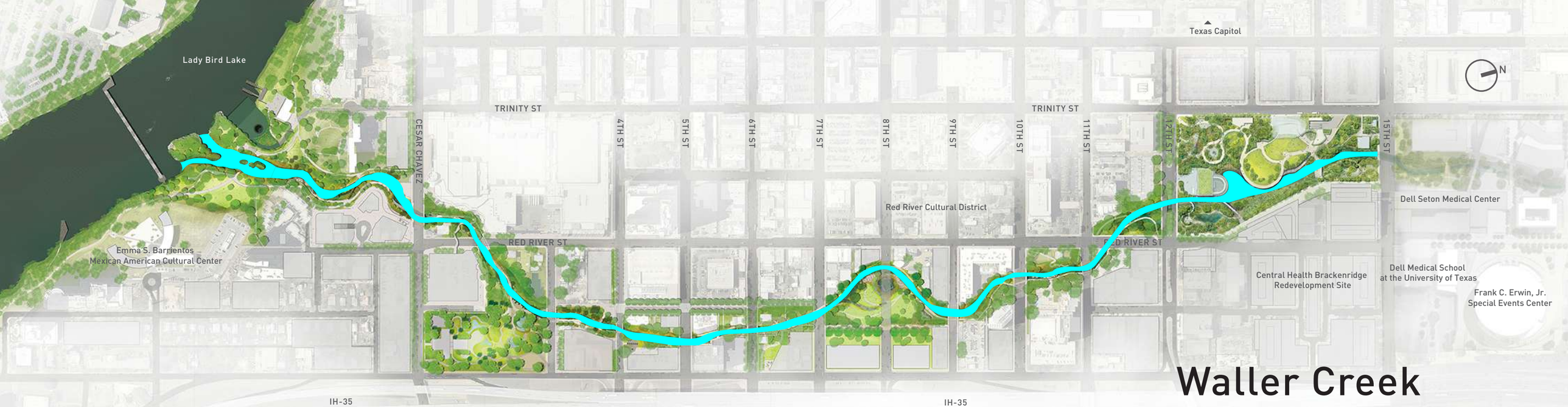
Waller Creek Park Project



Waller Creek

35 Acres of Restored and Improved Public Open Space

Waller Creek Conservancy

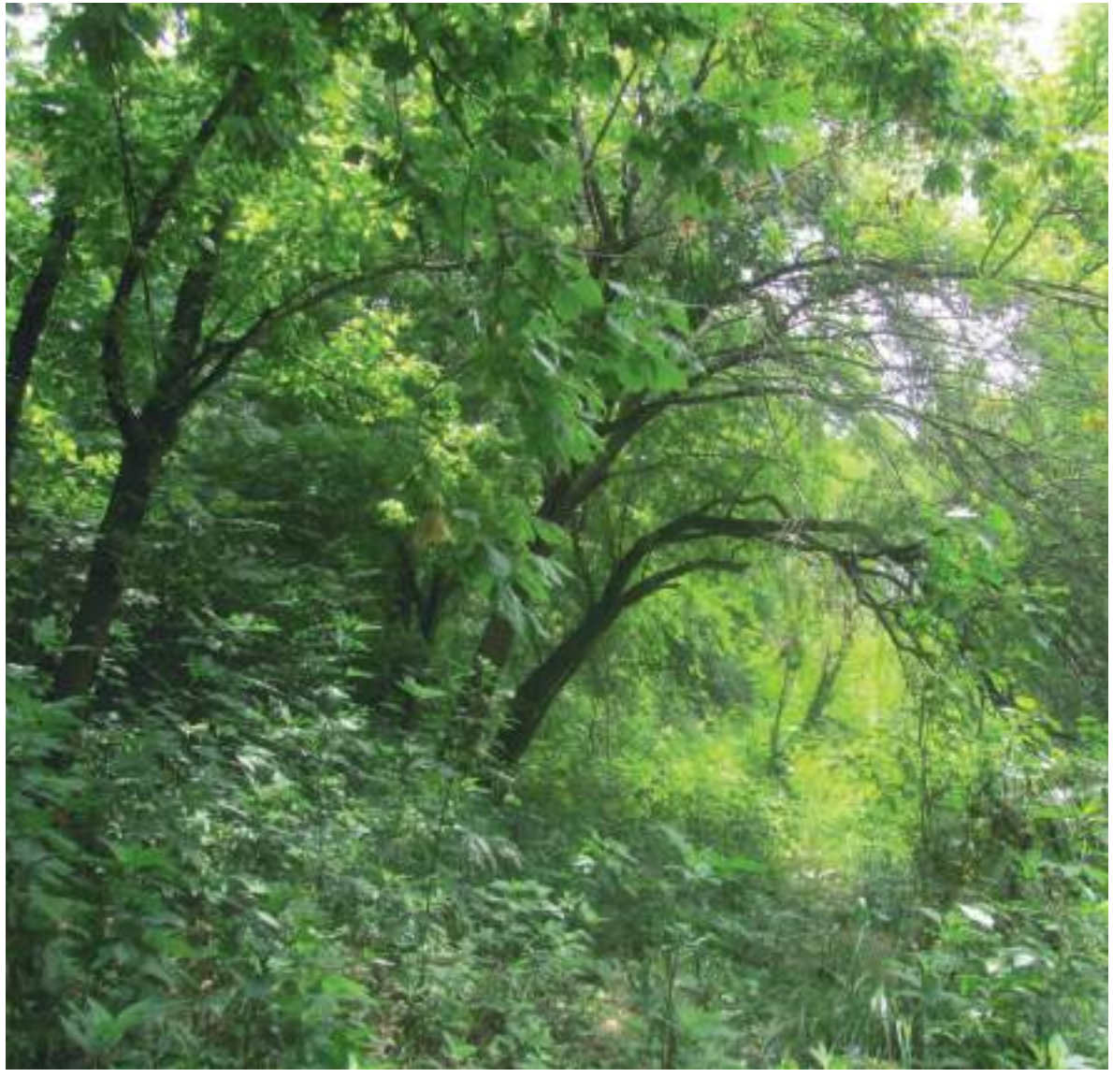


Waller Creek

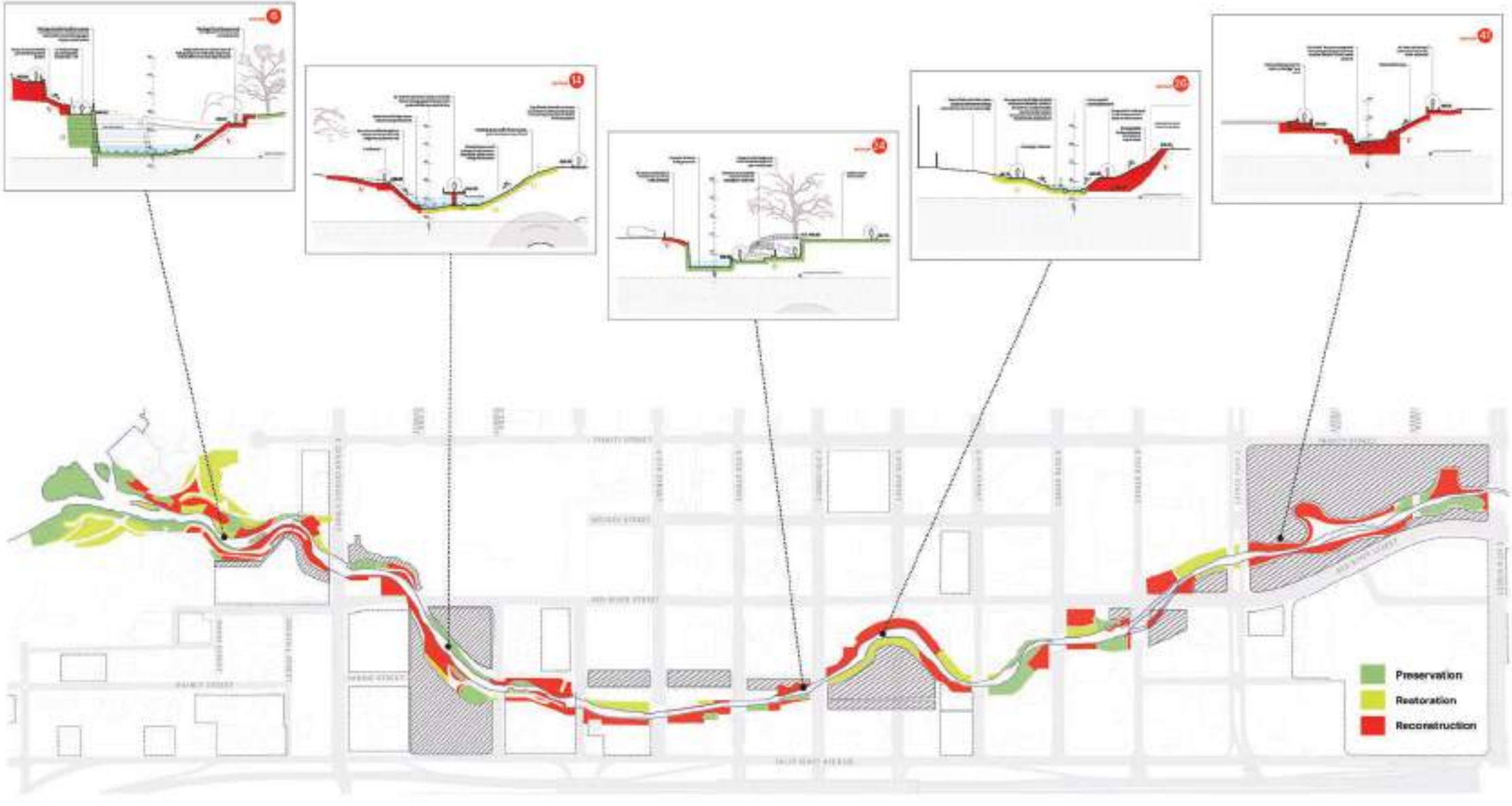
A Restored Creek

Waller Creek Conservancy

Waller Creek – Space of Neglect



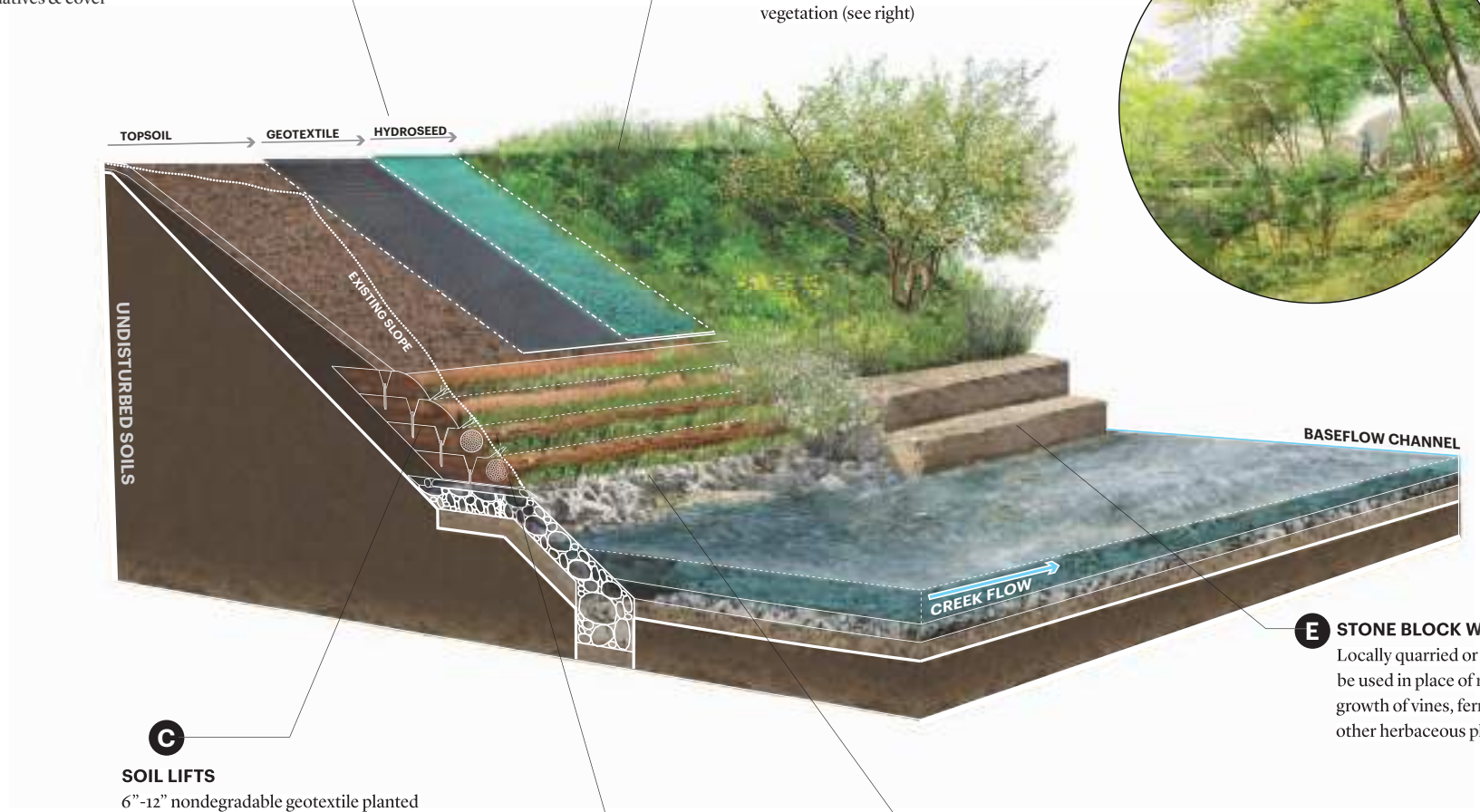
2015: Framework Plan Slope Reconstruction



Reconstructing Failed Slopes

HYDROMULCHING/SEEDING F
Applied above baseflow with fast-growing, deep-rooted perennial natives & cover

A VEGETATED GRADED SLOPE
Re-worked native soils graded to 2.5:1 or flatter (where feasible) and planted with groundcover, understory and upper story vegetation (see right)

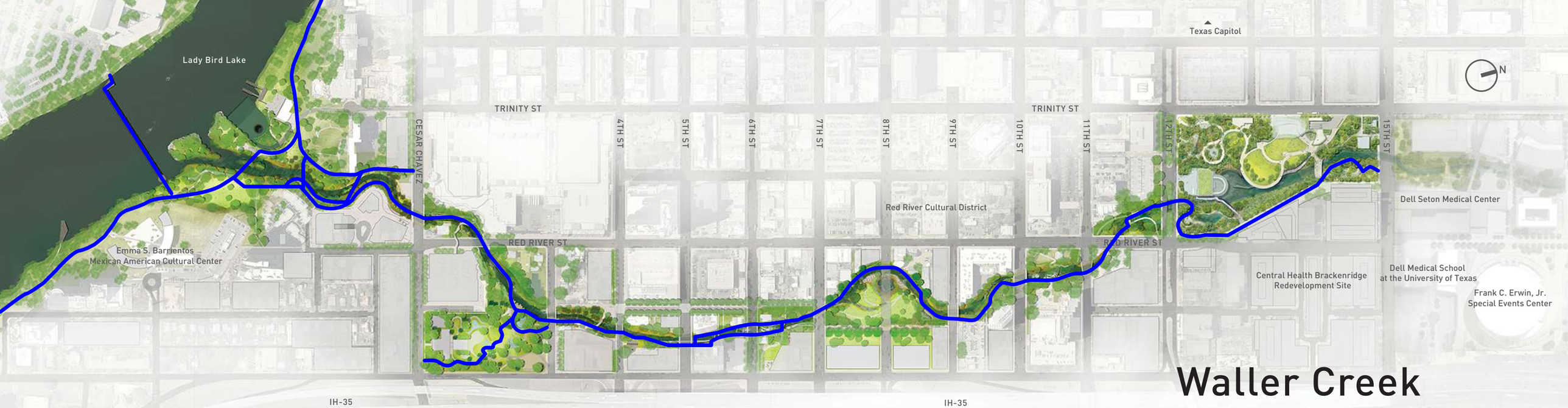


E STONE BLOCK WALL
Locally quarried or salvaged, can be used in place of rip rap and for growth of vines, ferns, moss, and other herbaceous plants

C SOIL LIFTS
6”-12” nondegradable geotextile planted with aggressive native mix. Composed of re-worked native and/or engineered soils

D LIVE STAKES
0.5”-3” diameter, 1.5’-5’ long, locally harvested, 2-5 yr old branches installed so tip reaches very moist or wet soil . Recommended downstream of Cesar Chavez only.

B RIP RAP TOE
Natural or salvaged, angular boulders 18” - 24” with a specific gravity of ≥2.4



Waller Creek

New Connectivity

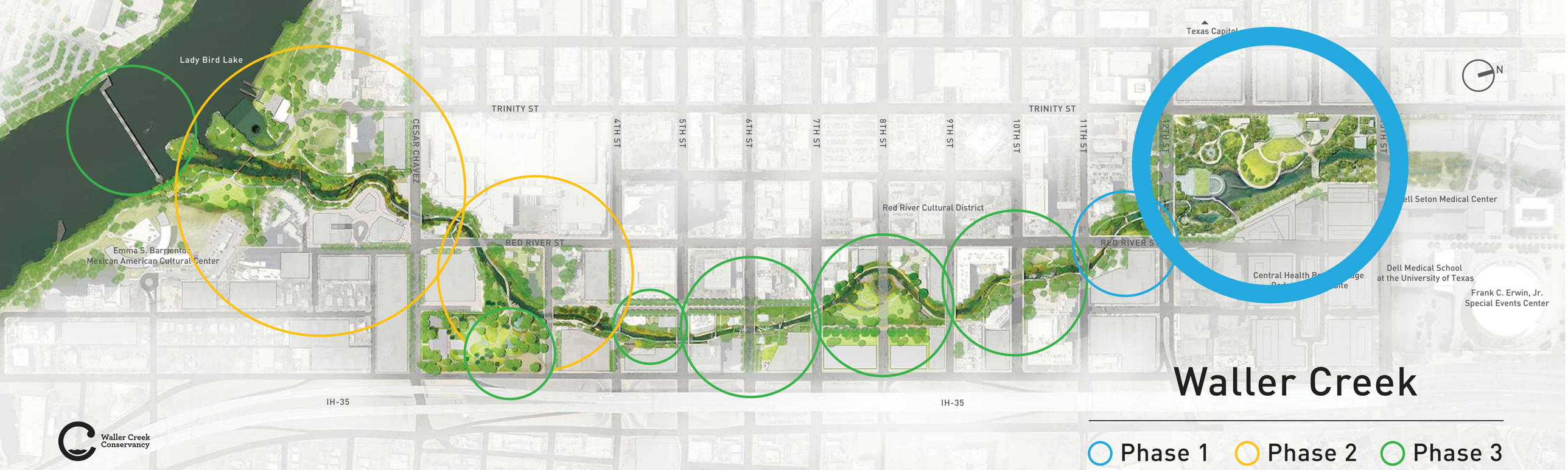
Waller Creek Conservancy

WEST AUSTIN
DOWNTOWN
WALLER CREEK
EAST AUSTIN
SOUTH AUSTIN

Waller Creek

A Chain of Parks

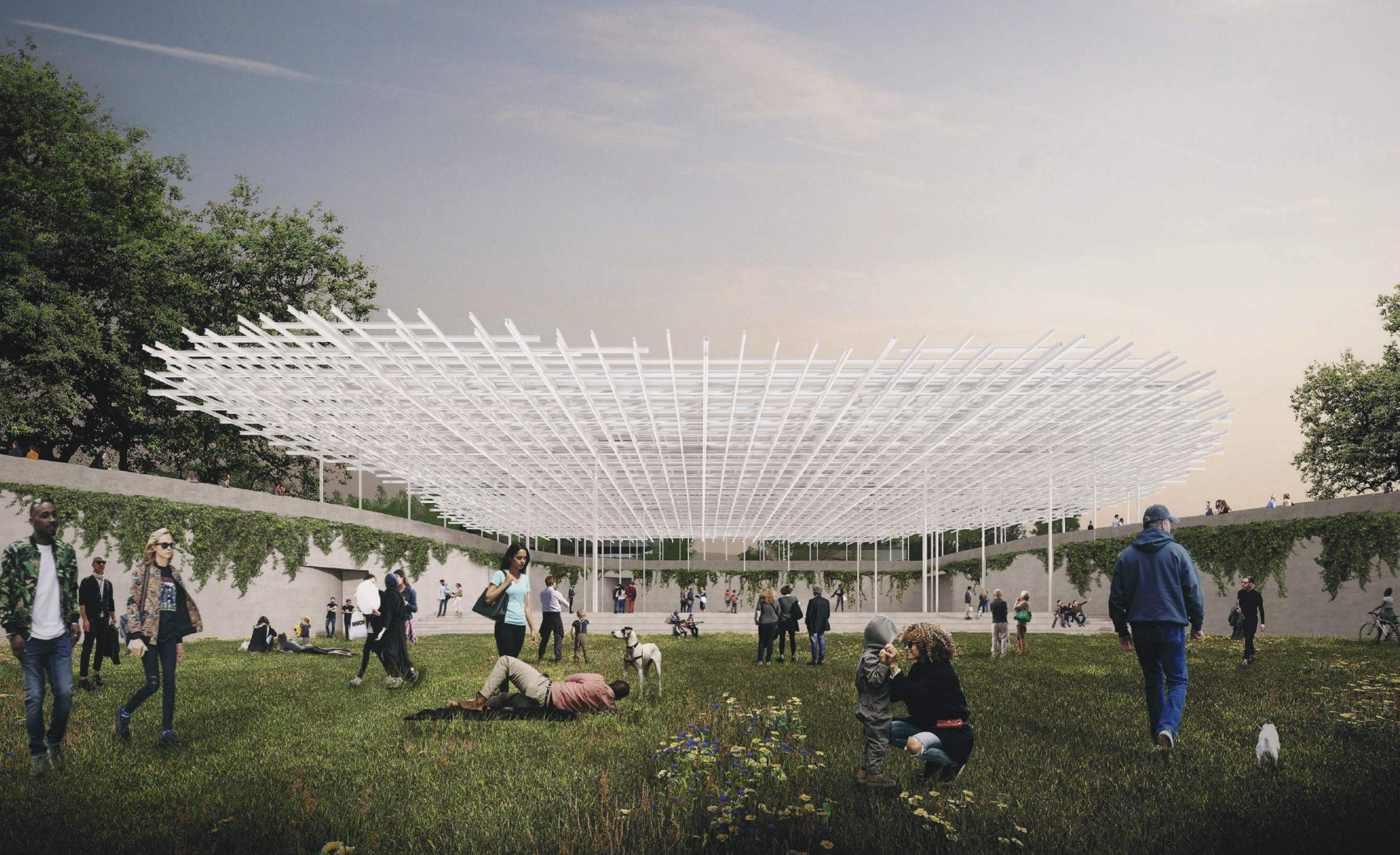
Waller Creek Conservancy

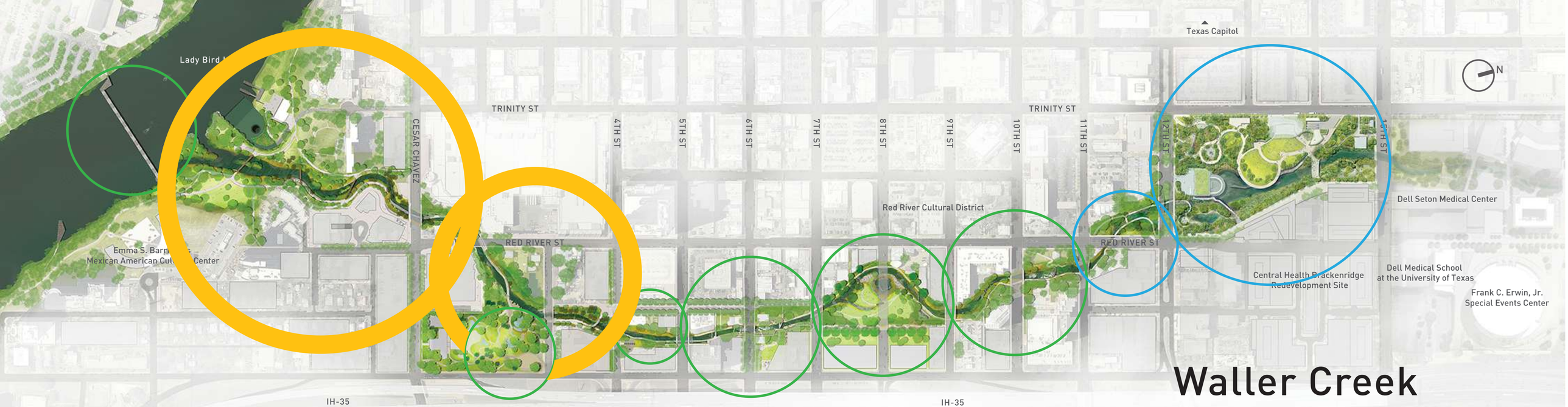


Waller Creek Conservancy

TRINITY STREET
PARK ENTRY
ELEVATED PROMENADE
HILL COUNTRY GARDEN
PERFORMANCE PAVILION
GREAT LAWN
WATERFALL
WATER BRIDGE
WETLAND TERRACE
RED RIVER PROMENADE
0
40
80

TREEMOVER.COM





Waller Creek

Phase 1 Phase 2 Phase 3

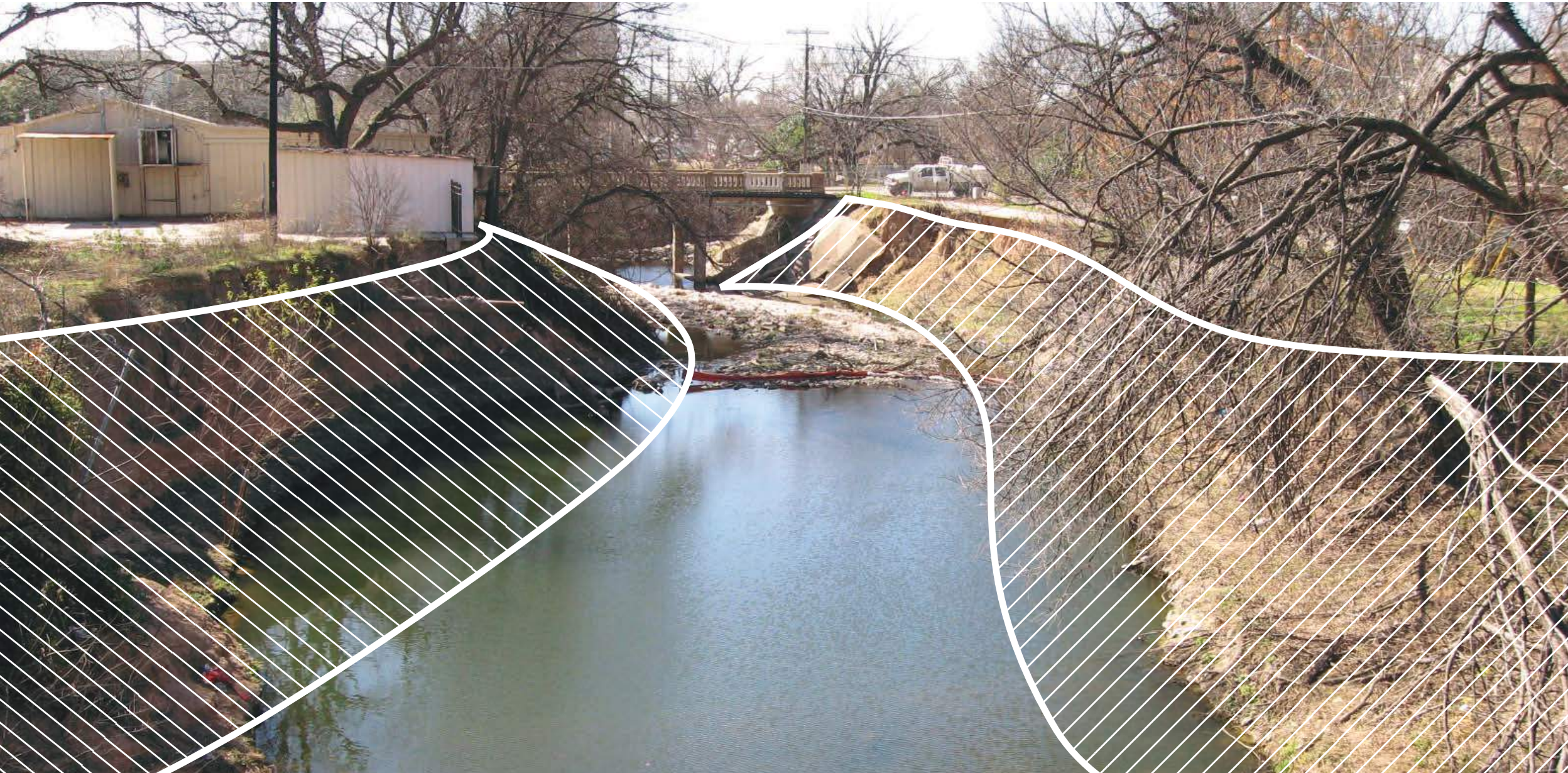
Waller Creek Conservancy

Creek Delta — 10 Acres

DD Phase Site Plan

2019: Existing Slopes

Reconstruction of Riparian Slopes



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

...towards soft engineering solutions

In-channel Stability

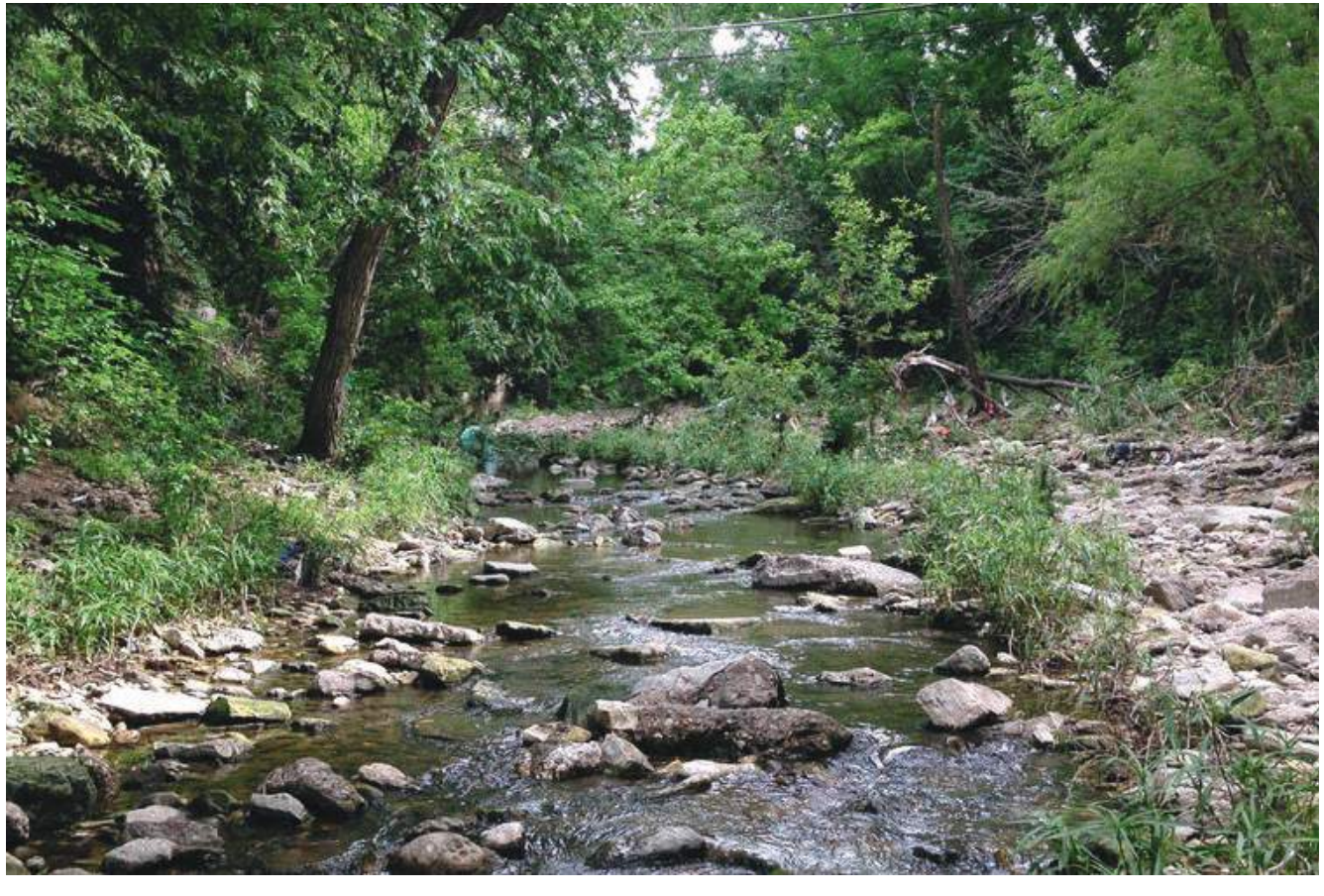
Aquatic Planting

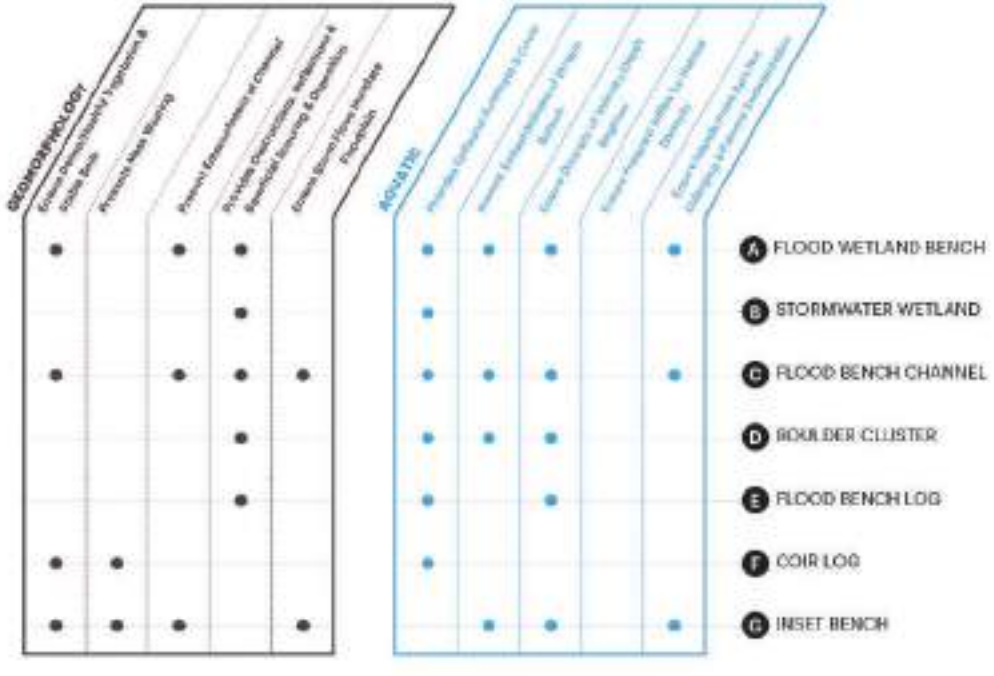
Stumpery

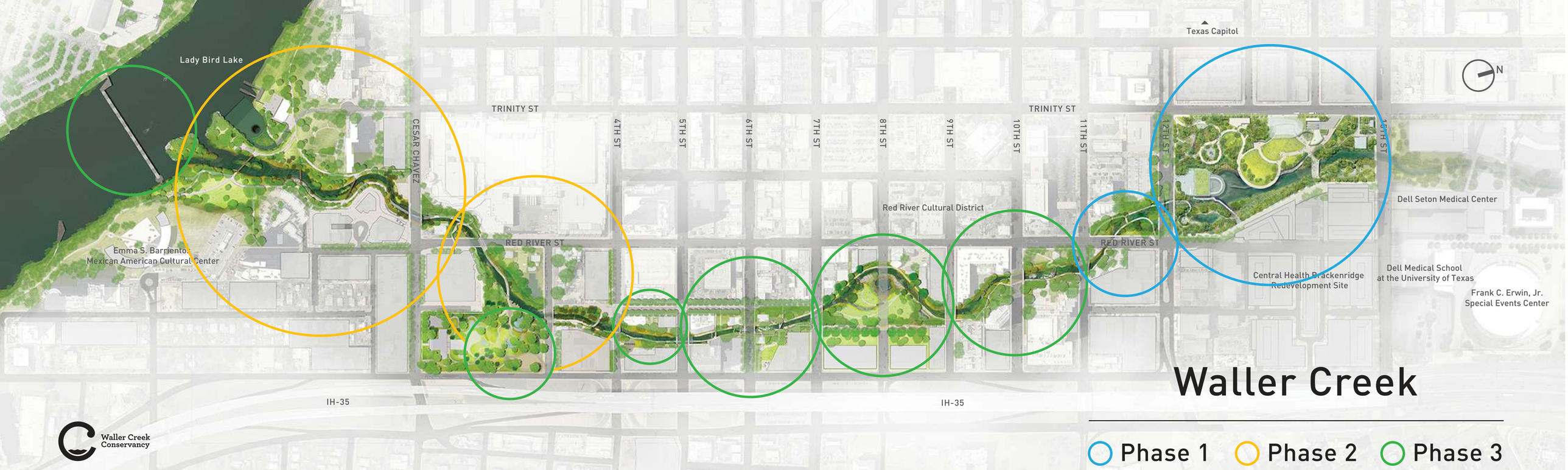
Live Fascines

Bank Stability

Waller Creek – Functional Assessment of Ecosystems







Waller Creek Conservancy

NEW YORK
MONUMENTS

VAN ZANDT

Please join us for the

Waller Creek Symposium

Location: The University of Texas at Austin
The Perry-Castañeda Library (PCL), Learning Lab 1A
Time: 9:^{30}am – 1:^{30}pm
with a Data Management Workshop from 1:^{30}-3pm
Date: Monday, May 13, 2019

Schedule:

9:^{30} – 11am Poster Session

11am – 12pm Presentations

Shoal Creek 15th-28th St. Project, Darcy Nuffer, City of Austin

Urban Ecosystems as a Living Lab, Shear, Reichler, Poteet, UT Austin

12 - 1pm Lunch (provided by Winkler Family Foundation)

1 - 1:^{25} Presentation

Blue Index Project, Kevin Jeffrey, UT Austin

1:^{30} - 3pm Data Management Workshop

Porcia Vaughn, Jessica Trelogan, and Colleen Lyon, UT Libraries

To register, please go to:
https://forms.gle/xC8ccaAqwgHosSjX6

Waller Creek

35 Acres of Restored and Improved Public Open Space

Waller Creek Conservancy