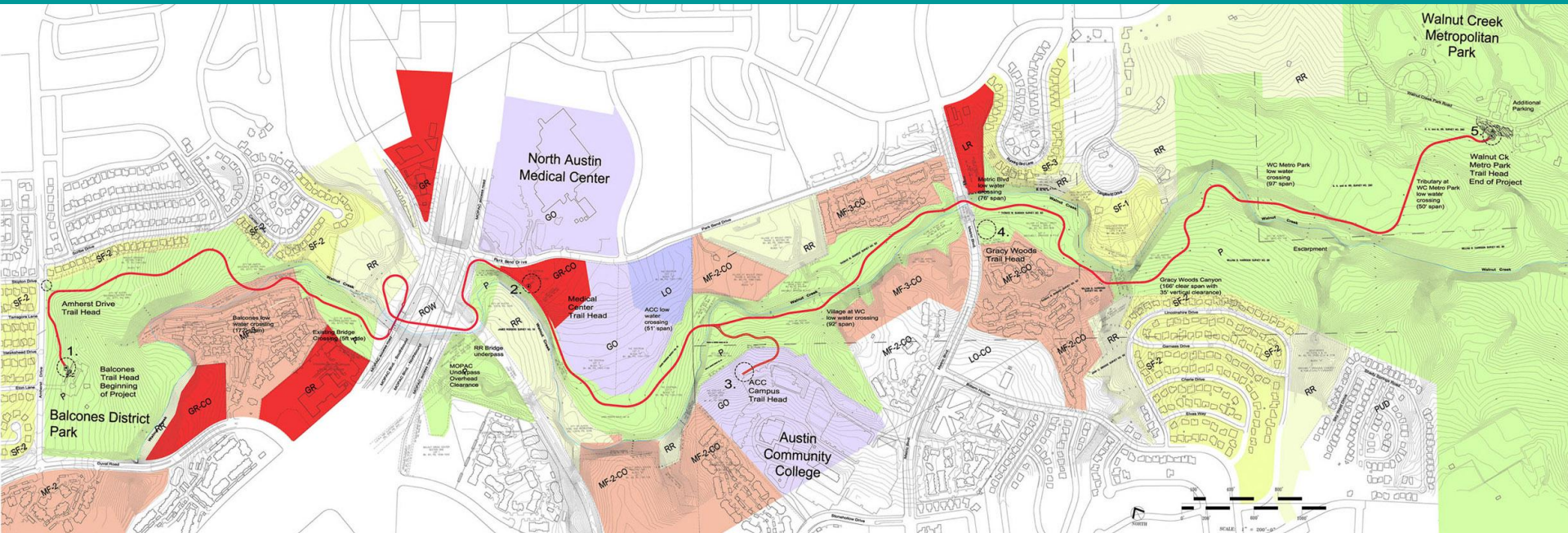


Walnut Creek Trail System

- **Trail projects:**
 - N. Walnut Phase I (3.2 miles) – \$5,000,000
 - Construction March 2013
 - N. Walnut Phase II (1.7 miles) - \$3,000,000
 - Grant for construction approved
 - Preliminary Design underway.
 - Southern Walnut (7.3 miles) - \$8,100,000
 - Construction March 2012
 - Total (12.25 miles) – \$16,100,000

Phase I Trail Alignment



Length 3.2 Miles

Major Trail Head Plan Layout

TRAILHEAD DESIGN CHECKLIST

Trailheads should serve as:

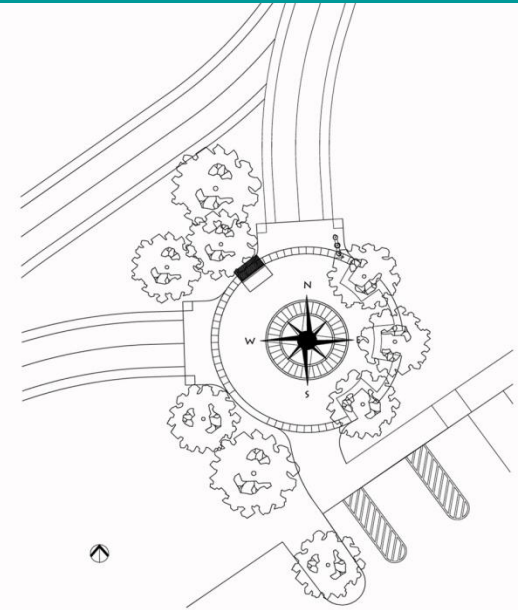
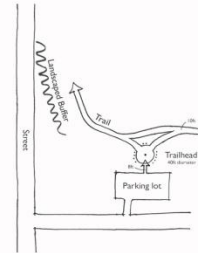
1. Connection Node
 - be in proximity to other areas with good public access;
 - be easily visible at a distance;
 - be a gateway into a specific use system;
 - allow for future expansion in alternate directions;
 - be not in conflict with other public areas and established uses;
2. Information Source
 - trail map;
 - cautions about levels of difficulty for users;
 - warnings about flash flood waters and low water crossings;
 - locations and distances to other access points and water fountains;
 - points of interest;
 - hints about responsible trail use;
3. Preparation and Recovery Station
 - provide enough space to safely mount/dismount out of traffic flow;
 - provide shade from sun;
 - provide drinking water;
 - provide railings to lean bikes against;
 - provide seating and place to wait for others;
 - have good lighting and safety



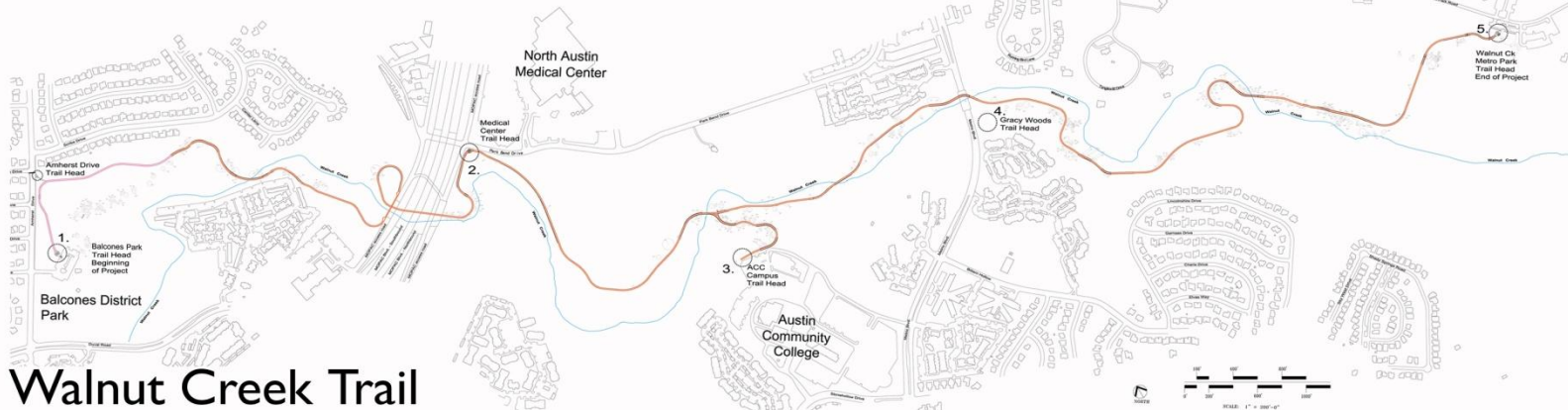
TRAILHEAD DESIGN CONCEPT

Design elements supporting the checklist are as follows:

1. Connection Node
 - circular paved area of 30-40 ft diameter allows for gathering from any direction;
 - collection of vertical elements including seating walls, shade structures, information kiosk, and plantings create good visibility from a distance;
 - gate posts/pillars demarcate and signify entrance into a specific use system;
 - circular paved area allows for future expansion in alternate directions;
 - trailheads are located near parking lots or street intersections for easy public access, good visibility, and avoid infringing on other public uses or activities.
2. Information Source
 - kiosk housing maps, diagrams, and text information;
 - compass design in pavement to aid orientation;
 - built from materials and plants reflecting or complementing the landscape and habitat of Walnut Creek.
3. Preparation and Recovery Station
 - circular paved area of 30-40 ft diameter provides adequate space to safely mount/dismount out of traffic flow;
 - shade provided by trees and canopy structure;
 - multi-head drinking fountain provides water;
 - trees and railings offer places to lean bikes against;
 - seating walls/benches offer places to rest and wait for others;
 - human-scale street lamps provide lighting and enhance safety.



TRAILHEAD



Walnut Creek Trail

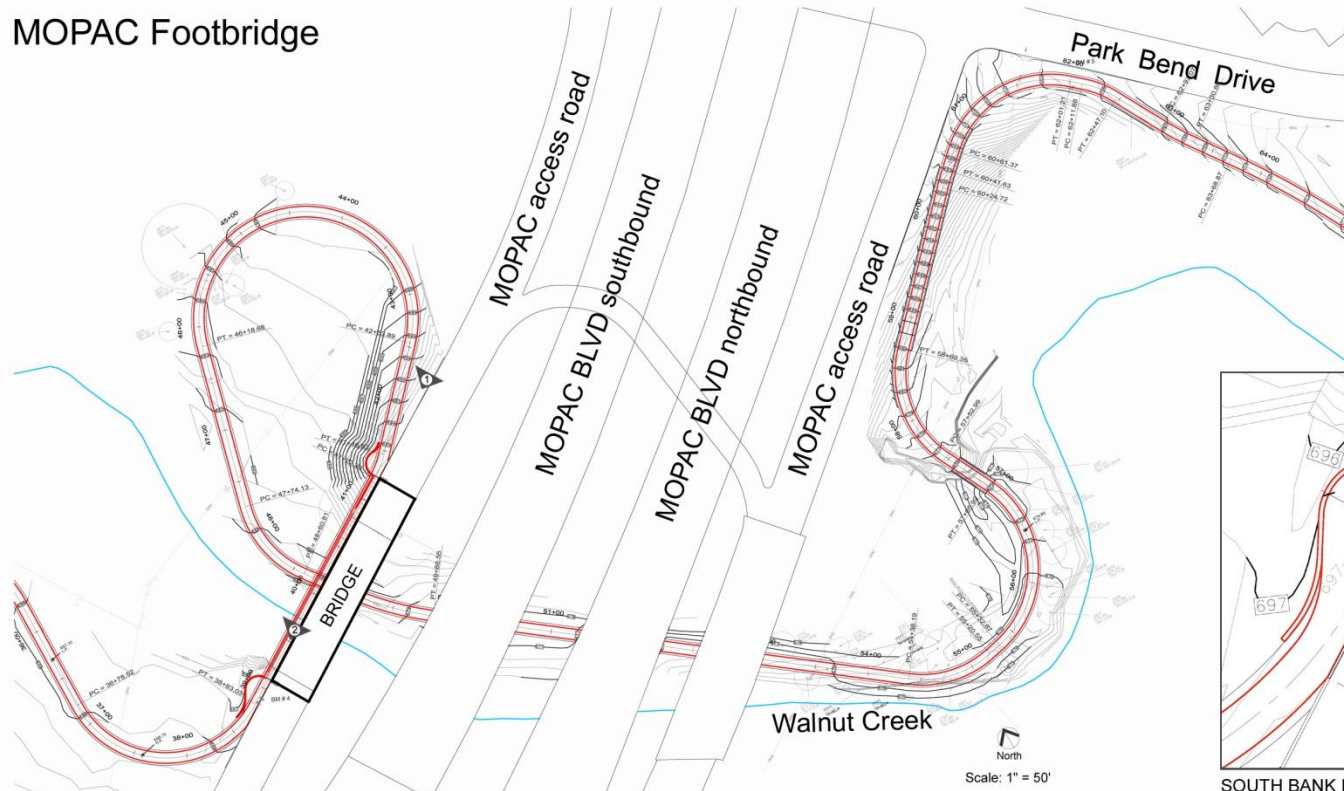
Trailhead Design Concept



Walnut Creek Trail

August 20, 2004

MOPAC Footbridge



PROPOSED TRAIL ALIGNMENT

① North Bank Before



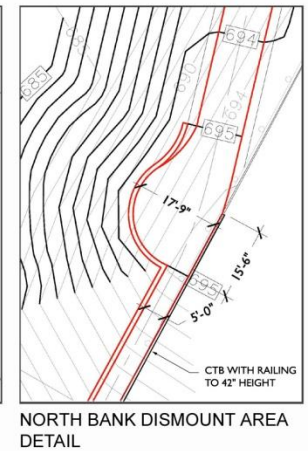
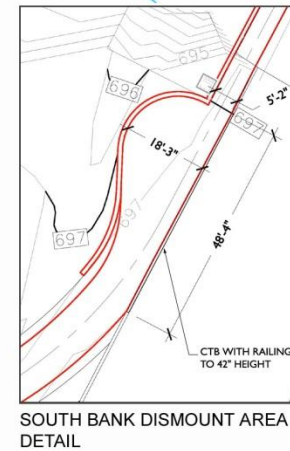
① North Bank After



② South Bank Before



② South Bank After



Pedestrian use of the existing footbridge currently is extremely light due to lack of sidewalk connections to desirable destinations. The new bike trail will provide the linkages that are missing and help convert what is now a relatively isolated and underutilized asset into an important component of the 3.3-mile trail.

Dismount areas at either end of the 5-ft wide footbridge allow for safe and easy reduction to pedestrian traffic.

The trail widens to 18 ft. at the dismount areas, which are approximately 25-30 ft. in length. The foot bridge is 216 ft long.

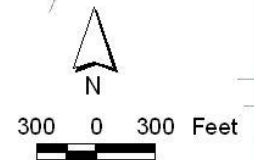
The banks of Walnut Creek in this location are quite steep. Installing a conventional low water crossing here is not a viable strategy because the banks would need extensive cutting back within the 100-year flood plain in order to achieve a safe vertical profile. In this area it would be extremely difficult to balance cut and fill in the flood plain as is required by Army Corps of Engineer regulations.

Cantilevering a new 14 ft wide bridge on the side of the existing bridge is not considered practical or economical, and likely could not safely achieve full design width.

Walnut Creek Trail

January 10, 2005

Walnut Creek Trail Phase II



Phase I Trail

Big Walnut Creek
Metro Park

Phase II Trail

MF

MF

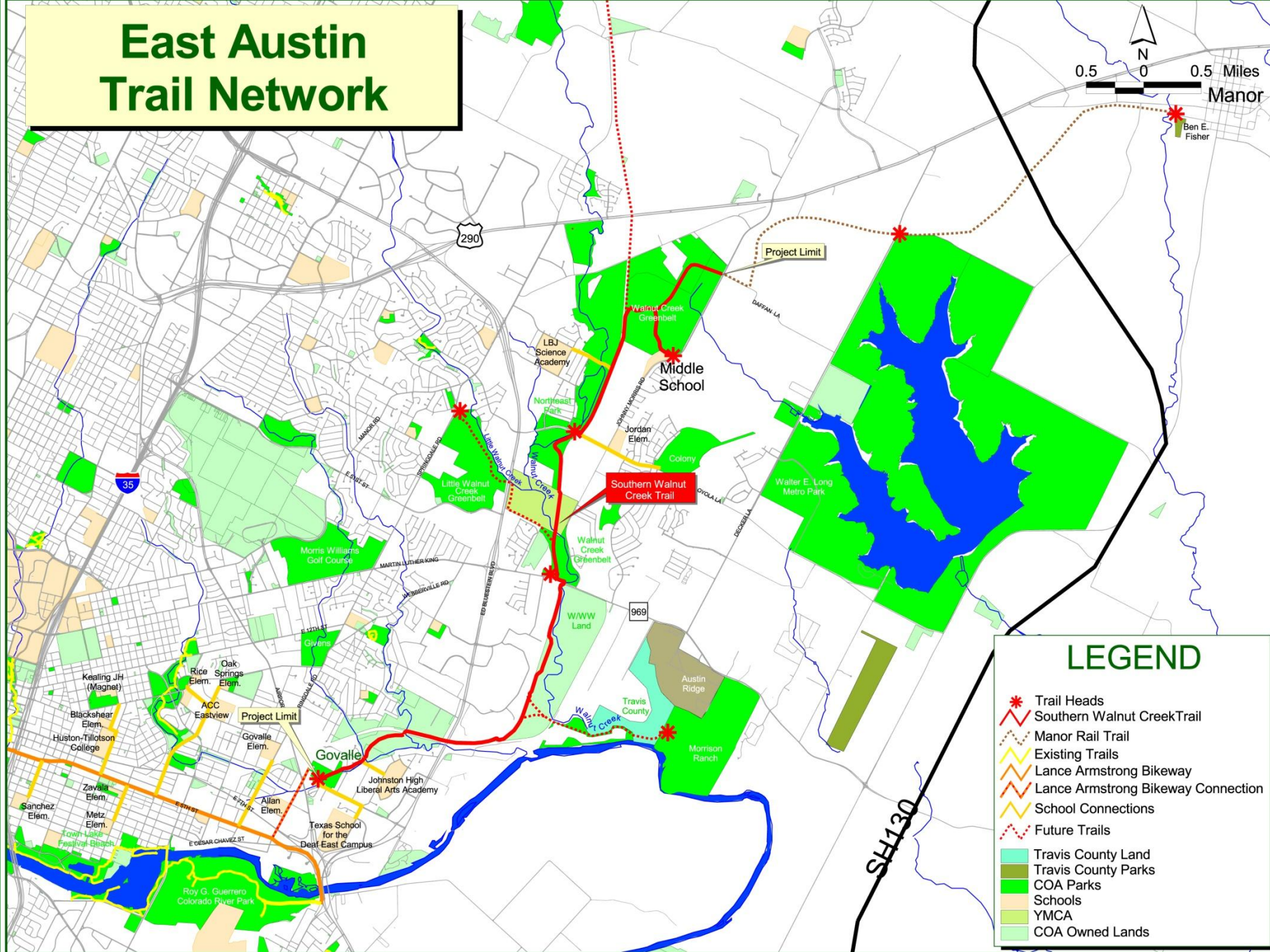
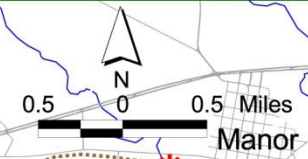
TCEQ
Headquarters

Girl Scout
Headquarters

LEGEND

- Trail Heads
- Creeks
- City Parkland
- Legal Lots
- Trail Easement
- Walnut Creek Trail Phase II
- Bridges
- MF - Multi-Family

East Austin Trail Network



LEGEND

- Trail Heads
- Southern Walnut Creek Trail
- Manor Rail Trail
- Existing Trails
- Lance Armstrong Bikeway
- Lance Armstrong Bikeway Connection
- School Connections
- Future Trails
- Travis County Land
- Travis County Parks
- COA Parks
- Schools
- YMCA
- COA Owned Lands

Summary

N. Walnut Phase I (3.2 miles)

\$5,000,000

- N. Walnut Phase II (1.7 miles)

\$3,000,000

- Southern Walnut (7.3 miles)

\$8,100,000

- **Total (12.25 miles) – \$13,100,000**