

# Corridor E Old City Greenway

## Corridor Route Description

The Corridor E greenway is approximately 1.24 miles in length and links the existing Second Creek Greenway from a point at the north end of World's Fair Park to the point where it connects to the proposed Corridor I First Creek Greenway- Downtown East where East Jackson Avenue crosses First Creek.

The Corridor E trail proceeds as a 10-foot wide sidepath along World's Fair Park Drive for approximately 0.09 miles parallel to the railroad. The trail continues in an easterly direction as a 10-foot off-street greenway trail parallel to railroad for approximately 0.62 miles to the intersection with Morgan Street. This route is preferred by the City and will require abandonment of one or more sections of existing railroad spur track. The greenway trail continues approximately 0.18 miles along Morgan Street, East Jackson Avenue and Patton Street as a 10-wide sidepath. The greenway crosses Willow Avenue then proceeds eastward as a separated cycle track and greenway trail for approximately 0.29 miles to the bridge over First Creek. The trail crosses Willow and proceeds northward along First Creek to East Jackson Avenue where it connects with the proposed Corridor I First Creek Greenway extension.

Limited demolition in this corridor will include curb, curb and gutter, concrete pavements, fence and asphalt removal at selected locations along with some storm drainage demolition and replacement. The typical trail cross section shall be 2" asphalt over 6" base stone. Curb ramps and greenway trail crosswalk pavement markings are provided at all street crossings. Curb and gutter as well as storm drainage improvements will be constructed at various locations. Retaining wall construction is anticipated at various locations adjacent to the railroad along World's Fair Park Drive.

## Greenway Connectivity

When Corridor E is completed it will be connected with the Morningside, James White, Second Creek, Neyland, Knox Blount, Third Creek, Sequoyah and Bearden Village Greenways resulting in over 19 miles of interconnected greenway trails. Facilities connected along this system of greenway trails include several parks, schools, churches, a senior citizens center, a YMCA, a marina, the downtown Knoxville area, the University of Tennessee, a Marine Corps Reserve Center and multiple neighborhoods.

## Right-of-Way

### Easements

In locations where the trail follows City streets construction easements are anticipated. Estimated duration: 12 months

### Acquisition

Acquisition is planned for one parcel located in the southwest quadrant of the Willow Avenue/Patton Street intersection. The current owner is TDOT.

Estimated duration: 12 months (concurrent with securing easements)

### TDOT

Acquisition of a TDOT-owned parcel is planned in the southwest quadrant of the Willow Avenue/Patton Street intersection.

Estimated duration: 12 months (concurrent with securing easements)

### Railroad

Easements will be required for those portions of the trail located on railroad property.

Estimated duration: 24 months

## Permits

### TDEC/USACE/TVA (ARAP Permits)

None anticipated

### City of Knoxville (FEMA) No-Rise Certification for 500-year Flood

None anticipated

### City of Knoxville (FEMA) No-Rise Certification within the No-Fill Line

None anticipated

### Environmental Factors

Potential environmental impacts along the railroad could exist from historic railroad operations.

## Related Projects

Three projects are currently underway by other design teams within the general area of Corridor E. The West Jackson Avenue Streetscape and the Jackson Avenue Ramps are both being designed by Vaughn & Melton. The West Jackson Avenue Streetscape is scheduled to begin construction in the summer of 2016. The schedule for the Jackson Avenue Ramps is as follows: ROW- Spring 2016, Construction Plans- Summer 2016, Construction Start- Fall 2016. The Old City Streetscapes project is being designed by CDM Smith. The western project limit is the touchdown point of the Jackson Avenue Ramp on the east side of Gay Street and the eastern limit is Patton Street. Portions of these projects overlap with or are in close proximity to sections of the Corridor E greenway.

## Estimated Timeline for Locally Funded Project

### Design (42 months)

- Designer Consultant selection: Estimated duration- 3 months
- Survey: Estimated duration- 3 months
- Preliminary Design: Estimated duration- 3 months
- Preliminary Design Public Meeting: Estimated duration- 2 months
- Geotechnical Investigations (2 locations, 1 mob.): Estimated duration- 3 months (ongoing with ROW and design)
- Utility/railroad/TDEC/FEMA coordination:  
Estimated duration- 24 months (ongoing with ROW and design)
- 90% Construction Plans: Estimated duration- 3 months
- Right-of-way: Estimated duration- 24 months
- 100% Construction Plans: Estimated duration- 4 months

### Bid/Contract Award/Notice to Proceed (4 months)

### Construction (12 months)

## Estimated Timeline for Federal or State Funded Project

### Design (72 months)

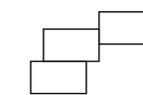
- Follow the TDOT Local Government Guidelines for the Management of Federal and State Funded Transportation Projects.
- Design Consultant selection: Estimated duration- 3 months
- Environmental and Preliminary Engineering  
Approval of Environmental and Preliminary Engineering phase is required prior to start of project design. Preparation of a NEPA Categorical Exclusion is anticipated for this corridor. Estimated duration- 18 months
- Preliminary Design (Survey, Preliminary Plans, Geotechnical, Public Meetings, Structures, ROW Plans):  
Estimated duration- 15 months
- Right-of-Way/Utility/Railroad (Select Consultant(s), Public Meetings, Acquisition, Easements):  
Estimated duration- 24 months
- Final Construction Plans: Estimated duration- 12 months

### Construction (20 months)

- CEI Consultant selection: Estimated duration- 3 months
- Bid/Contract Award/Notice to Proceed: Estimated duration- 5 months
- Construction: Estimated duration- 12 months



## CORRIDOR E SECOND CREEK GREENWAY TO FIRST CREEK GREENWAY CITY OF KNOXVILLE



KEY MAP

# E1.4

NARRATIVE