

Corridor F

East Knox Greenway

Greenway Route

The Corridor F greenway corridor is approximately 1.80 miles in length and links the proposed Corridor I First Creek Greenway-Downtown East from the intersection of McCalla Avenue and Winona Street to the existing trail system at the Knoxville Botanical Gardens on Wimpole Avenue.

The Corridor F greenway trail connects to the proposed Corridor I First Creek Greenway- Downtown East at the intersection of Winona Street and McCalla Avenue. From that point the trail proceeds eastward as a 10-foot wide sidepath for approximately 0.45 miles on the south side of McCalla Avenue and then turns and runs along Cruze Street to the intersection of Martin Luther King, Jr. Avenue. The greenway crosses Martin Luther King, Jr. Avenue and proceeds through Dr. Walter Hardy Park as an off-street trail for approximately 0.18 mi. to the intersection with Kenner Street. The trail continues as a 10 foot wide sidepath along the north side of Kenner and turns southward along McConnell Street to the intersection with Bethel Avenue, a distance of approximately 0.29 mi. The trail crosses to the south side of Bethel Avenue and traverses a proposed new park as an off-street trail to the intersection with Olive Street, a total of approximately 0.24 miles. The corridor turns back in a northerly direction as a 10-wide sidepath along Olive Street for approximately 450 feet. The corridor then turns and continues approximately 170 feet across a lot owned by the Knoxville Housing Authority as an off-street greenway trail to Ben Hur Avenue. At this point the trail crosses Ben Hur Avenue and proceeds approximately 0.14 miles as a 10-foot wide sidepath along the eastern side of Selma Street to the intersection with Chestnut. The trail then proceeds approximately 0.24 miles along Chestnut as a 10-foot wide sidepath to the intersection at Biddle Street. After crossing Biddle Street the trail continues approximately 0.33 miles as an off-street greenway trail traversing the slope between the parking lot of Shiloh Presbyterian Church and the adjacent apartment complex to a point where the trail connects to the existing greenway trail at the Knoxville Botanical Gardens.

Demolition in this corridor is expected to include removal of concrete curb and gutter, asphalt roadway and concrete sidewalk. 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. No major structural work is anticipated in this corridor while curb and gutter and storm drainage improvements will be required. Limited brick and metal screen walls at selected parking lots and some retaining wall construction are included.

Greenway Connectivity

Corridor F connects the downtown area by way of Corridor E to the Knoxville Botanical Gardens. When the Corridor E project is completed, the Knoxville Botanical Gardens will be linked to over 21 miles of continuous greenways. Facilities connected along this interconnected greenway trail system include several parks, schools, churches and a YWCA.

Right-of-Way

Easements

Easements will be required for the trail located on Knoxville Housing Authority property. The need for approximately 39 construction easements is anticipated along this corridor.

Estimated duration: 18 months

Acquisition

None anticipated

Estimated duration: Not applicable

TDOT

No impact anticipated.

Estimated duration: Not applicable

Permits

TDEC/USACE/TVA (ARAP or LOMAR Permits)

Impacts to unnamed tributary of Williams Creek are anticipated.

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

No impact anticipated

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

No impact anticipated

Environmental Factors

Potential habitat exists within this corridor for threatened and endangered bat species of concern identified by US Fish and Wildlife Service. No areas of potential environmental concern were noted.

Related Projects

There are no other projects known to be under consideration in this corridor. The existing Chestnut Street bridge over Williams Creek is substandard and is not sufficiently wide enough for the greenway to cross on it. This bridge replacement is proposed as a separate project.

Estimated Timeline for Locally Funded Project

Design (36 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 (4 locations, 1 mob.): Estimated duration- 2 months (ongoing with ROW and design)
- Utility coordination: Estimated duration- 18 months (ongoing with ROW and design)
- 90 Percent Construction Plans: Estimated duration- 3 months
- Right-of-way: Estimated duration- 18 months
- 100% Construction Plans: Estimated duration- 4 month

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

Construction (12 months)

Estimated Timeline for Federal or State Funded Project

Design (60 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- 6 months
- Preliminary Design (Survey, Preliminary Plans, Geotechnical, Public Meetings, Structures, ROW Plans, Revisions):
Estimated duration- 21 months
- Right-of-Way and Utility (Select Consultant(s), Public Meeting, Acquisition, Easements: Estimated duration- 24 months
- Final Construction Plans: Estimated duration- 6 months

Construction (20 months)

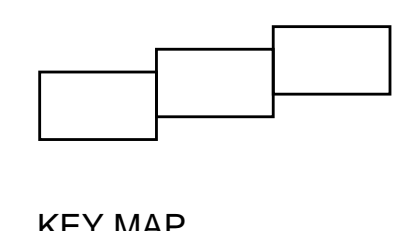
- CEI Consultant selection: Estimated duration- 3 months
- Bid/Contract Award/Notice to Proceed: Estimated duration: 5 months
- Construction: Estimated duration: 12 months



CORRIDOR F

FIRST CREEK GREENWAY TO KNOXVILLE BOTANICAL GARDENS

CITY OF KNOXVILLE



KEY MAP

F1.4

NARRATIVE