

Corridor H

First Creek Greenway - Broadway

Greenway Route Description

The Corridor H greenway follows Broadway and is approximately 0.36 miles in length. The Corridor H greenway links the proposed First Creek Greenway at Fulton High School to the existing First Creek Greenway where Broadway crosses First Creek.

At its northern limit the Corridor H greenway connects to the proposed First Creek Greenway at the intersection of Broadway and Woodland. From this point the Corridor H greenway proceeds southward along the west side of Broadway to the intersection with Cecil Avenue as a 10-foot side path. The greenway crosses Broadway at Cecil Avenue and proceeds along the east side of Broadway as a 10-foot side path to the point where it connects with the existing First Creek Greenway.

Demolition in this corridor is expected to include removal of concrete wall, concrete curb and gutter, metal guardrail, asphalt pavement 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. A cantilevered walkway is anticipated in this corridor along the walled portion of First Creek. Some curb and gutter and storm drainage improvements will be required. Limited brick and metal screen walls at selected parking lots is planned.

Greenway Connectivity

Corridor H connects at the northern terminus with the proposed First Creek Greenway from Fulton High School to Edgewood Park, a distance of approximately 0.60 miles. On the south the corridor connects to the existing 0.90 miles of the Upper First Creek Greenway. The completed sections of the First Creek greenway, including Corridor H, will link Edgewood Park and First Creek Park with approximately 1.90 miles of continuous greenway trails.

Right-of-Way

Easements

Easements will be required for portions of the trail located on at least three pieces of private property. Estimated duration: 12 months

Acquisition

None anticipated

Estimated duration: Not applicable

TDOT

Broadway is a state route. An agreement with TDOT will be required.

Estimated duration: 6 months

Permits

TDEC/USACE/TVA (ARAP or LOMAR Permits)

Impacts to First Creek are anticipated. Estimated duration: 6 months

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

Impacts to First Creek are anticipated. Estimated duration: 6 months

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

Impacts to First Creek are anticipated. Estimated duration: 6 months

Environmental Factors

No areas of potential environmental concern were noted.

Related Projects

The First Creek Greenway project between Fulton High School and Edgewood Park is planned to start construction in the 4th quarter of 2016. This project connects to the Corridor H corridor at Woodland Avenue.

Estimated Timeline for Locally Funded Project

Design (30 months)

- Designer Consultant selection: Estimated duration- 3 months
- Survey: Estimated duration- 1 month
- Preliminary Design: Estimated duration- 2 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- 12 months (ongoing with ROW and design)
- 90 Percent Construction Plans: Estimated duration- 3 months
- Right-of-way: Estimated duration- 16 months
- 100% Construction Plans: Estimated duration- 3 months

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

Construction (8 months)

Estimated Timeline for Federal or State Funded Project

Design (48 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- 9 months
- Preliminary Design (Survey, Preliminary Plans, Geotechnical, Public Meetings, Structures, ROW Plans, Revisions): Estimated duration- 12 months
- Right-of-Way and Utility (Select Consultant(s), Public Meeting, Acquisition, Easements: Estimated duration- 18 months
- Final Construction Plans: Estimated duration- 6 months

Construction (16 months)

- CEI Consultant selection: Estimated duration- 3 months
- Bid/Contract Award/Notice to Proceed: Estimated duration: 5 months
- Construction: Estimated duration: 8 months

