

# Corridor B

## Third Creek Greenway Extension

### Corridor Route Description

The Corridor B greenway corridor is approximately 3.60 miles in length and connects Corridor A and the existing Weisgarber Greenway to the Northwest/Victor Ashe/Pleasant Ridge Greenway. The corridor extends approximately 1.5 miles as a 10-foot wide sidepath along the north side of Middlebrook Pike to the intersection with Third Creek Road. At this point the corridor parallels Third Creek Road as a 10-foot wide sidepath for approximately 0.76 miles to the intersection with Hinton Drive. Third Creek Road is closed beyond the entrance to the KUB property and the corridor follows the abandoned Third Creek Road roadbed for approximately 0.67 miles to Western Avenue as an off-street 10-foot wide greenway trail and linear park. The greenway trail crosses Western Avenue on the pedestrian bridge proposed by TDOT and proceeds approximately 0.57 miles along Ball Camp Pike as a 10-foot wide sidepath and then through Victor Ashe Park as an off-street 10-foot wide greenway trail to the connection point with the Victor Ashe Greenway.

Limited demolition in this corridor will include curb, curb and gutter, concrete sidewalk and asphalt removal at selected locations along with some storm drainage demolition and replacement. Two box culvert extensions are planned. 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, storm drainage improvements and several retaining walls will be constructed.

### Greenway Connectivity

Corridor B is a major corridor connector. When completed, Corridor B will link the Cedar Bluff neighborhood and the Corridor A/West Hills Neighborhood to the Pleasant Ridge Neighborhood creating approximately 16.4 miles of total connected greenway. Facilities connected along the greenway trail include several parks, schools, churches and a YMCA.

### Right-of-Way

#### Easements

The need for easements in this corridor is anticipated for 23 parcels, 6 along Middlebrook Pike (0.35 mi.), 6 along Third Creek Road (0.33 mi.) and 11 along Ball Camp Pike (0.52 mi.). An easement will be required for the trail located on the KUB property at 4626 Webb Lane (approximately 0.14 mi.).

Estimated duration: 18 months

#### Acquisition

Acquisition is planned for three parcels and for portions of two other property parcels. Planned acquisitions include one 2.14 acre vacant parcel at the northeast corner of Third Creek Road and Webb Lane and two vacant parcels totaling approximately 12.7 acres located along Third Creek Road where a new linear park is proposed on the banks of Third Creek. Acquisition of 20 feet of frontage along the east side of Third Creek Road is planned for 730 feet between the railroad and Hinton Drive. Acquisition of approximately 1 acre east of the KUB parcel is also planned. The closure of Third Creek Road from Hinton Drive to Western Avenue is also planned.

Estimated duration: 18 months (concurrent with securing easements)

#### TDOT

A TDOT license agreement is anticipated for the trail section along Middlebrook Pike. Estimated duration: 6 months

### Permits

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

Third Creek and unnamed tributary box culvert extensions: Estimated duration- 6 months

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

Third Creek Linear Park improvements: Estimated duration- 6 months

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

Third Creek Linear Park improvements: Estimated duration- 6 months

#### 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

The Western Avenue improvements project is under construction in the vicinity of Third Creek. Coordinate greenway route with location of pedestrian bridge over Western Avenue proposed by TDOT.

### Estimated Timeline for Locally Funded Project

#### Design (36 months)

- a. Designer Consultant selection: Estimated duration- 3 months
- b. Survey: Estimated duration- 3 months
- c. Preliminary Design: Estimated duration- 3 months
- d. Preliminary Design Public Meeting: Estimated duration- 2 months
- e. Geotechnical Investigation: Estimated duration- 3 months (on-going with ROW and design)
- f. Utility/railroad/TDEC/FEMA coordination: Estimated duration- 12 months (ongoing with ROW and design)
- g. 90% Construction Plans: Estimated duration- 3 months
- h. Right-of-way: Estimated duration- 18 months
- i. 100% Construction Plans: Estimated duration- 4 months

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

#### Construction (16 months)

### Estimated Timeline for Federal or State Funded Project

#### Design (52 months)

- a. Follow the TDOT Local Government Guidelines for the Management of Federal and State Funded Transportation Projects.
- b. Design Consultant selection: Estimated duration- 3 months
- c. 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
- d. Preliminary Design (Survey, Preliminary Plans, Geotechnical, Public Meetings, Structures, ROW Plans): Estimated duration- 16 months
- e. Right-of-Way/Utility/Railroad (Select Consultant(s), Public Meetings, Acquisition, Easements: Estimated duration- 15 months
- f. Final Construction Plans: Estimated duration- 12 months

#### Construction (24 months)

- a. CEI Consultant selection: Estimated duration- 3 months
- b. Bid/Contract Award/Notice to Proceed: Estimated duration: 5 months
- c. Construction: Estimated duration: 16 months

