

# Corridor A

## Jean Teague Greenway Extension

### Corridor Route Description

The Corridor A greenway corridor totals approximately 2.27 miles in length and connects the existing Jean Teague Greenway trail to the existing Weisgarber Greenway trail. The corridor extends approximately 1.00 mile through the West Hills neighborhood as a neighborhood connector (8-ft sidewalk with on-street bicycle designation). The trail extends approximately 250 feet across the KUB substation property and continues approximately 0.87 miles through the proposed Tennova Hospital development as an off-street 10-foot wide greenway trail. The greenway trail then proceeds approximately 0.35 miles as a 10-foot wide sidepath along the south side of Middlebrook Pike to Weisgarber Road where it connects to the existing Weisgarber Greenway trail. Parking resources are available at West Hills Elementary School, at the proposed West Hills Neighborhood Park and at the proposed Tennova Hospital. Trailheads are located at West Hills Elementary School, at the proposed Tennova Hospital and at several locations where the trail route diverges from the right-of-way.

Demolition in this corridor is minimal and will include removal of some concrete sidewalk to install the trail facilities. 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 limited retaining wall construction are included.

### Greenway Connectivity

Corridor A makes connections to the West Hills Elementary School and the West Hills Neighborhood. When Corridor A is completed, the total connected length of greenway trail from the Cedar Bluff Neighborhood to the neighborhoods along Papermill Road will be approximately 8.67 miles including the Ten Mile Creek Greenway; Walker Springs Park Greenway; Cavet Station Greenway; the Jean Teague Greenway; Corridor A; Weisgarber Greenway and the Papermill Bluff Greenway. Facilities connected along the greenway trail include several parks, schools, churches and a YMCA. Bearden High School is connected to the Jean Teague Greenway by way of an existing sidewalk along Gallaher View Road. Future connectivity improvements to Bearden Middle School are recommended in this study.

### Right-of-Way

#### Easements

Easements will be required for the trail located within KUB utility easements, the KUB property at 6924 Middlebrook Pike (approximately 0.05 mi.) and from Tennova Hospital (approximately 0.87 mi.). The need for 27 construction easements is anticipated along this corridor.

Estimated duration: 24 months

#### Acquisition

The acquisition of a vacant five acre parcel of land located between Stockton and West Hills Road is proposed as the site of a new neighborhood park.

Estimated duration: 12 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 or LOMAR Permits)

No impact 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

The Tennova Hospital project is proposed on the tract of land in the southwestern quadrant of the Middlebrook Pike and Old Weisgarber Road intersection. A greenway trail segment is proposed as part of that development.

### Estimated Timeline for Locally Funded Project

#### Design (36 months)

- Designer Consultant selection: Estimated duration- 3 months
- Survey: Estimated duration- 2 months
- Preliminary Design: Estimated duration- 2 months
- Preliminary Design Public Meeting: Estimated duration- 2 months
- Geotechnical Investigation: Estimated duration- 2 months
- Utility coordination: Estimated duration- 8 months (ongoing with ROW and design)
- 90 Percent Construction Plans: Estimated duration- 3 months
- Right-of-way: Estimated duration- 24 months
- 100% Construction Plans: Estimated duration- 3 month

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

#### Construction (12 months)

### Estimated Timeline for Federal or State Funded Project

#### Design (63 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- 18 months
- Right-of-Way and Utility (Select Consultant(s), Public Meeting, 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

