

# Corridor K

## Tennessee River Greenway

### Greenway Route Description

The Corridor K greenway is approximately 2.30 miles in length. The Corridor K greenway links the existing James White/Neyland and Morningside Greenways at Riverside Landing Park to the existing Holston River greenway.

The Corridor K greenway corridor proceeds through Riverside Landing Park as a 10-foot off-street greenway trail for approximately 0.20 miles. The corridor continues eastward as a 10-foot off-street greenway trail approximately 0.35 miles to the mouth of Williams Creek on land proposed as part of an expansion of Riverside Landing Park. An easement from KUB will be sought for the park expansion. From Williams Creek the trail proceeds eastward on elevated structure approximately 420 feet over water to a point of land where the raw water intake is located. An on-grade trail extends approximately 300 feet across this narrow stretch of land as a 10-foot off-street greenway trail. Beyond this point the trail continues eastward as an elevated walkway for approximately 0.47 miles. The trail makes landfall and proceeds as an on-grade trail along the railroad for approximately 0.20 miles before continuing for approximately 0.20 miles as an elevated walkway. The trail returns to an on-grade 10-foot greenway trail again in the vicinity of the 2800 block of Riverside Drive where it proceeds eastward approximately 0.60 miles crossing one sixty-foot pedestrian bridge along the way to the Holston River Greenway trailhead at the Riverside Drive and Holston Hills Road intersection.

Demolition in this corridor is likely to include but not be limited to asphalt paving, concrete paving and fencing removal at selected locations along with limited storm drainage removals. No major demolition is anticipated. At least two major structural conditions are anticipated in this corridor. Elevated concrete greenway construction is anticipated along much of the north bank of the Tennessee River where the greenway runs parallel to the existing railroad. Construction of a pedestrian bridge is anticipated over an unnamed tributary in the eastern section of the corridor.

### Connectivity

When completed, Corridor K will be interconnected with approximately 22.4 miles of greenways including the Holston River Greenway, the James White and Neyland Greenways and the Bearden Village, Sequoyah, Third Creek, Knox/Blount, Second Creek and Morningside Greenways. Facilities that are linked by this interconnected greenway trail system include several parks, schools, churches and a YMCA.

### Right-of-Way

#### Easements

An easement will be required from KUB to expand Riverside Landing Park eastward along the river. Easements will also be required from the Gulf and Ohio Railroad. Approximately four easements will be required from private property owners.

Estimated duration: 18 months

#### Acquisition

None anticipated

Estimated duration: Not applicable

#### TDOT

No impact anticipated

Estimated duration: Not applicable

### Permits

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

Impacts to the Tennessee River, Williams Creek and unnamed tributaries of the Tennessee River are anticipated. Estimated duration- 24 months

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

Trail improvements within the 500-year flood zone: Estimated duration- 12 months

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

Trail improvements within the 500-year flood zone: Estimated duration- 12 months

### Environmental Factors

Potential environmental concern from historic railroad operations was noted along this corridor. Potential habitat exists within this corridor for threatened and endangered bat species of concern identified by US Fish and Wildlife Service.

### Related Projects

There are no other projects known to be under consideration in this corridor.

### Estimated Timeline for Locally Funded Project

#### Design (66 months)

- Designer Consultant selection: Estimated duration- 3 months
- Survey: Estimated duration- 3 months
- Preliminary Design: Estimated duration- 6 months
- Environmental Permitting: Estimated duration- 12 month
- Preliminary Design Public Meeting: Estimated duration- 2 months (ongoing with environmental permitting)
- Geotechnical Investigations (8 locations, 1 mob.): Estimated duration- 6 months (ongoing with ROW and design)
- Utility/Railroad coordination: Estimated duration- 24 months (ongoing with ROW and design)
- 90% Construction Plans: Estimated duration- 12 months
- Right-of-way: Estimated duration- 24 months
- 100% Construction Plans: Estimated duration- 6 months

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

#### Construction (24 months)

### Estimated Timeline for Federal or State Funded Project

#### Design (84 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- 15 months
- Preliminary Design (Survey, Preliminary Plans, Geotechnical, Public Meetings, Structures, ROW Plans, Revisions): Estimated duration- 30 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 (33 months)

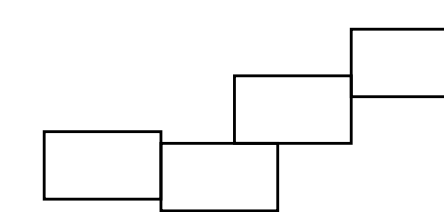
- CEI Consultant selection: Estimated duration- 3 months
- Bid/Contract Award/Notice to Proceed: Estimated duration: 6 months
- Construction: Estimated duration- 24 months



## CORRIDOR K

### JAMES WHITE / NEYLAND / MORNINGSIDE GREENWAYS TO HOLSTON RIVER PARK

#### CITY OF KNOXVILLE



KEY MAP

# K1.5

NARRATIVE