

APPENDIX C: PROJECT SEGMENTS

PROJECT SEGMENT SUPPLEMENT DESCRIPTIONS

The East Knox Greenway will begin at the Knoxville Botanical Gardens and travel through the neighborhoods of east Knoxville to Harriet Tubman Park. The route has been vetted and brought to the community for review. The typical sections will vary from an independent path through to a shared use path along existing roadways with a 5-foot buffer from the travel lane as shown in the supporting documents ([East Knox Greenway Cross Section Presentation](#)). A schematic design has been completed to show the path and the potential impacts when the project is taken to Right of Way and Construction plans ([East Knox Greenway Schematic Design](#)).

Morningside Connector will start at Harriet Tubman Park and the terminus of the East Knox Greenway project and move along Martin Luther King Jr Avenue onto Dandridge Ave and then into Morningside Park. The crossing at the intersection of Martin Luther King Jr Avenue and Harriet Tubman St. will be improved with a new pedestrian crossing that included signage, striping and curb ramp work. The existing Morningside greenway located in the park will include upgrades to ADA accessibility, drainage features, and resurfacing of the path. A new park is also planned through the generous gift of \$5.52 million from the BlueCross foundation. The new BlueCross Healthy Place will include a multipurpose field with bleachers, accessible playgrounds for children ages 2-5 and 5-12, challenge course, 40-yard dash, fitness area, walking trail, two community pavilions, and restrooms. ([BlueCross BlueShield Healthy Place Park](#))

The Old City Connector is a city of Knoxville project to improve the transportation infrastructure around the under construction multi-use stadium. This project will include complete streets components, utility relocation and cultural plazas ([Knoxville Multi-Use Stadium Infrastructure Exhibit](#)). This area has been studied to show the economic impact these improvements will bring to the surrounding communities ([Knox County Multi-Use Stadium & Adjacent Development Economic Impact Study](#))

Austin Homes public housing, now First Creek at Austin will have many connections along the project to give the residents access to the many new and existing features in the area. The project has been planned with multiple features to enhance the movement of people through the homes. These features will include but limited to a multi-use path, natural playground, and a community garden trail ([KCDC Masterplan Austin Homes](#)). This part of the project will include the Austin Homes Connector and Austin Homes Greenway Connector.

The Dandridge Avenue connector is proposed to construct a new pedestrian crossing from Morningside Park greenway at Witt Place to provide access to the Beck Cultural Exchange Center, Mabry-Hazen House. This crossing will include signage, pavement markings and curb ramps. There are existing sidewalks along the north and south side of Dandridge Avenue expect a section of approximately 750 feet of missing sidewalk. This section will be constructed with a 5-foot sidewalk and a grass buffer to complete this missing link.

Pedestrian and bicycle access from the Downtown area to South Knoxville and the urban wilderness is currently limited to the Henley Street and Gay Street Bridges. The Henley street bridge carries a high volume 5 lane state route over the Tennessee River while providing only the minimum 5' sidewalks and bike lanes. The western terminus of the bridge is Chapman Highway which is extremely high volume and has limited to no direct bike and ped access to the Urban Wilderness or the South Knoxville Waterfront. The second option is the Gay Street bridge which is a much lower volume local road bridge but still has limited amenities for alternate means of transportation, namely low border sidewalks and lanes marked for shared use with bicycles. The need for safe passage across the Tennessee River for those without automobiles is critical to opening up the Urban Wilderness and South Waterfront to the citizens of East Knoxville.. The James White Bridge Connector will provide a safe link to these amenities. The plan for the bike and pedestrian facilities includes the construction of a buffered multi-use path with a concrete barrier to provide structural separation from motorists. Working in conjunction with the Tennessee Department of Transportation (TDOT), the city has completed a load rating study for the bridge to verify the structural feasibility of adding the shared use path.

The James White Parkway Linear Park connection will be the final piece of the project to connect the residents of East and South Knoxville. This section will incorporate the roadway improvements, linear parks, and a multi-use path. The city of Knoxville has already completed the first phase of the Urban Wilderness Gateway Park ([Framework Vision Concept Design Report Urban Wilderness Gateway Park](#)) and working in the next phase. The roadway section will take the 4-lane divided roadway to a 4-lane undivided roadway from Anita Drive to the Gateway Park entrance ([129840-00-James White Parkway Technical Report](#)). The intersection of James White Parkway will be realigned with Sevierville Pike and incorporate pedestrian and cyclist movements ([JWP Technical Report Proposed maps](#)).

The Science Museum Connector will connect to the corner of Hill Avenue and Summit Hill Drive using existing pedestrian paths located along E. Hill Avenue that will connect Austin Homes and Morningside Park to the proposed privately funded science museum. The Science Museum will include a \$2 million public plaza for cultural recognition at the Mary Costa Plaza located adjacent to the museum ([Science Museum Rendering](#)).