

# PROJECT BUDGET

## BUDGET SUMMARY

The Clifton Hills Alton Park Thread Trail (CHATT) project is estimated to cost \$14,662,365. This proposal requests \$11,679,892 in RAISE grant funding to implement project improvements that would increase equity, safety, sustainability, quality of life, and health in South Chattanooga, specifically the Alton Park and Clifton Hills neighborhoods separated by the contaminated Chattanooga Creek. Projected construction costs were calculated based on 2026 dollars in line with the anticipated bid/construction timeline.

Table 1 shows the overall cost and funding breakdown for the project by component. Total local match funding is at 20.3% of total cost and does not include other federal funds. **As the entire project area lies**

**within an Area of Persistent Poverty, as well as an Historical Disadvantaged Community, the project has been a top priority for the City of Chattanooga.** The 20.3% local match demonstrates the City’s commitment to this project.

## COST BY CENSUS TRACT

The project is located in two census tracts (See Table 2), 19 and 23. Future project funds resulting from the RAISE grant will be expended in these census tracts. Detailed budget cost estimates can be provided as a supplement to this narrative, but some cost highlights are as follows: CT 19 includes 1/2 of the bridge and 3/4 of the boardwalk crossing Chattanooga Creek; CT 23 includes 1/2 of the bridge and 1/4 of the boardwalk.

TABLE 1: Overall Funding Sources

FUNDING SOURCE	COMPONENT 1	COMPONENT 2	TOTAL FUNDING
RAISE Funds	\$6,134,492.00	\$5,545,400.00	\$11,679,892.00
Other Federal Funds			
Non-Federal Funds (Local Match)			
City of Chattanooga	\$1,539,873.00	\$1,392,600.00	\$2,932,473.00
Trust for Public Land	\$25,000.00	\$25,000.00	\$50,000.00
Total Non-Federal Funds	\$1,564,873.00	\$1,417,600.00	\$2,982,473.00
<b>TOTAL</b>	<b>\$7,699,365</b>	<b>\$6,963,000.00</b>	<b>\$14,662,365.00</b>

TABLE 2: Project Cost per Census Tract

CENSUS TRACT	PROJECT COSTS PER CENSUS TRACT
19	\$12,782,355
23	\$1,880,010
<b>TOTAL</b>	<b>\$14,662,365</b>

## STATUS OF DESIGN & FUNDING

30% design has been completed for Component 1. The RAISE grant request would fund 100% design and construction costs. No design has been completed for Component 2, but initial pre-engineering and assessment has occurred to develop the trail alignment. The RAISE grant would fund design and permitting and construction costs of Component 2.

## LOCAL MATCH FUNDS

The following is a description of local matches, how they will be used, and if there are any stipulations for these funds. All local match funds are shown in Tables 3 and 4.

### City of Chattanooga Funds

The City of Chattanooga has committed \$2.93 million for the CHATT project. There are no restrictions or stipulations to the use of these funds.

### Trust for Public Land Funds

The Trust for Public Land has privately raised \$50,000 to be used as a match. There are no restrictions or stipulations to the use of these funds.

TABLE 3: Overall Funding

	CONTRIBUTION
RAISE (FEDERAL)	\$11,679,892 (79.7%)
LOCAL MATCH PROVIDED	\$2,982,473 (20.3%)
<b>OVERALL PROJECT COST</b>	<b>\$14,662,365</b>

## STATUS OF PROJECT AND COST ESTIMATES

Detailed planning-level budget cost estimates have been prepared by seasoned engineers and can be provided as a supplement to this narrative. Costs for each component were verified and updated in preparation for this application. Both components' estimates include higher contingency to account for the fact that estimates are at the planning level. The following is the project status and activities that took place in order to ensure the funding request is adequate.

### Component 1 Status and Cost Estimates:

Costs for this section were analyzed at the planning level but with early ground truthing performed. The engineering consultant performed initial 30% design and the full 100% design is included in the cost estimate.

### Component 2 Status and Cost Estimates:

Design and engineering has not been completed for this section and is included as part of the cost estimates. Engineers assisted with the revised costs for this component.

TABLE 4: Local Match Funding Summary

JURISDICTION / AGENCY	CONTRIBUTION
CITY OF CHATTANOOGA	\$2,932,473 (20% of Total Project Cost)
TRUST FOR PUBLIC LAND	\$50,000
<b>TOTAL</b>	<b>\$2,982,473 (20.3% MATCH)</b>

## ADDRESSING COST OVERRUNS

Both the City of Chattanooga and its nonprofit partners are committed to addressing potential cost overruns. A 30% contingency has been incorporated as a measure in the Project Budget in the event of overruns, as well as an inflation factor for 4 years at 7%, to account for the current inflationary market conditions. In addition, while the City of Chattanooga has committed \$2.93 million (20% of total project costs) as part of this RAISE grant application, the City passed a resolution of funding not to exceed up to \$3.5 million (see Funding Commitment). This will provide funding flexibility in the event there are cost overruns.

## BREAKDOWN OF COMPONENT FEATURES INCLUDED IN THE COST ESTIMATE

The following is a breakdown of Project Components:

### COMPONENT 1: ALTON PARK CONNECTOR PHASE 3

- Full design and permitting
- 0.8-miles of a 12-foot wide paved shared-use path
- Grading, barriers, fencing, screening, landscaping and other incidentals
- Brownfield cleanup, including relocating contaminated soil and capping on-site
- Mobilization, surveying, erosion control, and other miscellaneous items
- Signage
- Environmental work, if needed
- Higher contingency
- Escalation costs
- Construction and administration cost

### COMPONENT 2: CRABTREE FARMS EXTENSION

- Full design and permitting
- 0.6-miles of a 10-foot wide paved shared-use path
- Long boardwalk (elevated entirely above floodplain of contaminated creek)
- Signage
- Grading, barriers, fencing, screening and other incidentals
- Mobilization, surveying, erosion control, and other miscellaneous items
- Higher contingency
- Escalation costs
- Construction and administration cost

## BENEFIT-COST ANALYSIS SUMMARY

The CHATT project will provide comprehensive **benefits for residents of South Chattanooga. Benefits from these projects will not only strengthen the local economy, but provide real transportation choices for those who need them.** Benefits will also include a reduction in vehicle miles traveled for transportation and quality of life benefits.

This benefit-cost analysis (BCA) weighs the costs (capital and maintenance) and benefits (environmental protection, quality of life, economic competitiveness, safety, and state of good repair) that would accrue during construction and over a 20-year evaluation period after completion of the CHATT project. See Table 5 on the following page, for a cumulative summary of project benefits. For the complete BCA methodology and results, see the BCA summary memo uploaded with this application.

TABLE 5: BCA Summary

<b>RESULTS</b>		* In 2021 dollars
TOTAL DISCOUNTED BENEFITS		\$11,370,000
TOTAL DISCOUNTED COSTS*		\$6,770,000
NET PRESENT VALUE		\$4,590,000
BENEFIT-COST RATIO		1.68 : 1
<b>SAFETY</b>		
Collision Cost Savings		\$5,400,000
<b>QUALITY OF LIFE / HEALTH BENEFITS (UNDISCOUNTED)</b>		
Mortality Reduction Benefits from Increased Physical Activity		\$33,070,000
<b>STATE OF GOOD REPAIR (UNDISCOUNTED)</b>		
Vehicle Miles Traveled (VMT) Reduced		\$1,123,400
Roadway Maintenance Cost Savings		\$0.06 per VMT
<b>ECONOMIC COMPETITIVENESS (UNDISCOUNTED)</b>		
Household Transportation Cost Savings		\$0.43 per VMT
Traffic Congestion Cost Savings		\$0.06 per VMT
<b>ENVIRONMENTAL PROTECTION (UNDISCOUNTED)</b>		
Metric Tons of Carbon Dioxide Reduced		472 metric tons
<b>COSTS (UNDISCOUNTED)</b>		
Construction Costs		\$10,405,690 (2021 dollars)