

City of Loudon – Major Thoroughfare & Transportation Master Planning

Introduction

The City of Loudon intends to improve circulation, safety and economic development conditions, by implementing land use and multimodal transportation planning. Geographic areas of focus include downtown Loudon – riverfront, courthouse square, historic district and connected residential areas – and other residential, commercial, and industrial development along Loudon’s two state route (arterial) corridors and multiple collector roadways.

In downtown Loudon, about 18 acres of mixed use development is planned along 1,800 feet of riverfront. At the nearby Steekee Creek Embayment at Legion Park, grant funding was awarded for embayment dredging and construction of boat docks and recreational access to Watts Bar Reservoir. For improvements planning, these developments warrant careful analysis of existing infrastructure with particular focus on existing pedestrian facilities. Safe connection of these new spaces and existing downtown Veteran’s Park, courthouse square, and local businesses, is critical to the vitality of Loudon’s urban district.

Residential and industrial development has increased in other areas of the City footprint. Multiple residential subdivisions comprising 250+ acres are in various stages of development along River Road and Queener Road. Several other large, undeveloped tracts exist in close proximity. Loudon’s 1,450-acre Tennessee National Golf Community is growing with an estimated buildout of 1,200 residential lots, and a planned marina district with docks, amenities, and commercial and restaurant spaces. Industrial growth in this area is also increasing, with an estimated \$920 million invested, providing 900 jobs.

In order to evaluate and plan for this growth:

- City staff has engaged the Knoxville Regional Transportation Planning Organization and the Tennessee Department of Transportation, Region 1, for coordination and assistance.
- The City of Loudon, Loudon County and its municipalities collaborated with Loudon County Economic Development Agency (LCEDA) who prepared an Economic Development Strategic Plan, *Thrive Loudon* County, which includes strategic assessment, current market analysis and recommendations for promoting smart growth.
- Loudon’s City Council also engaged the Municipal Technical Advisory Service, to plan and moderate recent, focused Strategic Planning sessions to identify and establish capital improvements and long-range planning goals
- To inform and supplement comprehensive and capital improvement planning, City staff is currently pursuing resources and funding for GIS mapping and conditional assessment of infrastructure within City right-of-way

TPO Planning Funds Request

The City requests TPO planning grant assistance on elements of this larger effort, to include:

- Major Thoroughfare Plan
 - Prepared to meet State requirements for municipal subdivision platting authority and to be consistent and developed in conjunction with potential updates to other local land development and zoning regulations
 - Create a roadway classification system
 - Propose cross sections that serve all transportation modes
 - Identify and propose locations for new possible connections for streets and multimodal facilities to facilitate overall transportation connectivity.
- Transportation Master Plan
 - To include a detailed assessment of existing conditions, deficiencies and future needs informed by public and stakeholder engagement for the modal elements of:
 - Trails, Greenway, Blue-ways
 - Pedestrian and Bicycle facilities
 - Downtown Parking conditions, including street and pedestrian lighting

- Multimodal circulation in downtown Loudon and recommendations for immediate and/or long-term improvements
- Traffic data collection, analysis, and recommendations along Loudon's arterial and collector roadways
- Project includes relevant GIS data collection and mapping for each modal element and provided in a format that can be maintained by City of Loudon staff moving forward.
- Develop a prioritized program of multimodal projects that include specific scopes, descriptions and cost estimates.

Timeline: Approximately 6.0 months, including any recommended public input sessions.

Cost: \$125,000.00 total (85% TPO CPG Funds / 15% Local) TPO, \$106,250.00; Local, \$18,750.00

Knoxville Regional Transportation Planning Work Program FY 2024-2025 – Updated Funding Tables for Amendment #1 to be heard by the Executive Board on October 25, 2023

BEFORE

	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	
FY 24/25 Two Year Detailed Budget Knoxville TPO	Administration	Data Collection & Analysis	Short Range Planning	Long Range Planning	Multimodal Planning	Special Studies	Total
Detail Level Budget							
Salary/Benefits-25% and Indirect Rate-37%	\$ 577,500	\$ 317,500	\$ 250,000	\$ 500,000	\$ 639,000	\$ 474,621	\$ 2,758,621
Direct Costs	\$ 110,000	\$ 25,000				\$ 50,000	\$ 185,000
Data Collection							
Traffic Counts		\$ 45,000					\$ 45,000
House Hold Travel Survey		\$ 550,000					\$ 550,000
Consultants							
KAT Areas of Persistent Poverty Project						\$ 350,000	\$ 350,000
EPA/COK Carbon Reduction						\$ 200,000	\$ 200,000
Kingston Pike Corridor (Farragut)						\$ 126,000	\$ 126,000
Bike Walk Knox						\$ 40,000	\$ 40,000
Mobility Plan Update						\$ 653,057	\$ 653,057
TDM Model Update						\$ 300,000	\$ 300,000
Other Planning Studies						\$ 636,000	\$ 636,000
Transit Studies					\$ 150,000		\$ 150,000
REMIX SaaS					\$ 50,000		\$ 50,000
Pavement Management L-STBG Funded		\$ 800,000					\$ 800,000
Totals	\$ 687,500	\$ 1,737,500	\$ 250,000	\$ 500,000	\$ 839,000	\$ 2,829,678	\$ 6,843,678

AFTER

	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	
Detail Level Budget							
Salary/Benefits-25% and Indirect Rate-37%	\$ 577,500	\$ 317,500	\$ 250,000	\$ 500,000	\$ 639,000	\$ 474,621	\$ 2,758,621
Direct Costs	\$ 110,000	\$ 25,000				\$ 50,000	\$ 185,000
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Other Planning Studies						\$ 511,000	\$ 511,000
Transit Studies					\$ 150,000		\$ 150,000
City of Loudon Master Transportation Plan						\$ 125,000	\$ 125,000
REMIX SaaS					\$ 50,000		\$ 50,000
Pavement Management L-STBG Funded		\$ 800,000					\$ 800,000
Totals	\$ 687,500	\$ 1,737,500	\$ 250,000	\$ 500,000	\$ 839,000	\$ 2,829,678	\$ 6,843,678

**A RESOLUTION BY THE EXECUTIVE BOARD
OF THE KNOXVILLE REGIONAL TRANSPORTATION PLANNING ORGANIZATION
ADOPTING AMENDMENT NO. 1 OF THE FISCAL YEAR (FY) 2024 and 2025
TRANSPORTATION PLANNING WORK PROGRAM**

WHEREAS, in accordance with the requirements of the US Department of Transportation, Title 23 Code of Federal Regulations (C.F.R.) Section 450.308 of the Metropolitan Planning Regulations, no planning activities can be funded by federal sources until they have been included in the Transportation Planning Work Program; and

WHEREAS, the required planning factors to be considered by Transportation Planning Organizations (TPO) in developing transportation plans and programs, were used in the development of this Transportation Planning Work Program Amendment; and

WHEREAS, the TPO Technical Committee has endorsed this FY 2024 and FY 2025 Transportation Planning Work Program Amendment as one step in achieving a coordinated transportation system; and

WHEREAS, the elements of the Transportation Planning Work Program Amendment are to receive final approval from the Executive Board of the Transportation Planning Organization, and

WHEREAS, the public was afforded an opportunity to comment on the Transportation Planning Work Program Amendment,

NOW, THEREFORE, BE IT RESOLVED BY THE KNOXVILLE REGIONAL TRANSPORTATION PLANNING ORGANIZATION EXECUTIVE BOARD:

That the FY 2024-2025 Transportation Planning Work Program be amended to add one item to the Community Planning Studies tasks by allocating reserve (unprogrammed) task item funding:

- Develop a new Major Thoroughfare Plan and Transportation Master Plan that includes all transportation modes for the City of Loudon.*

October 25 2023

Date

Mayor Terry Frank
Anderson County
TPO Executive Board Vice Chair

Amy L. Brooks, AICP
Interim Director
Knoxville Regional TPO