

PEDESTRIAN AND BICYCLE MASTER PLAN

WHAT IS A PEDESTRIAN AND BICYCLE MASTER PLAN?

A pedestrian and bicycle master plan:

- Identifies and classifies the existing system
- Quantifies gaps and potential connections
- Develops an implementation framework to complete the system
- Outlines the benefits and trade-offs of the ultimate system



WHY HAVE A PEDESTRIAN AND BICYCLE MASTER PLAN?

The development of a robust system for non-motorized travel carries numerous benefits including:

- Improved health and well-being
- Reduced costs for transportation
- Reduced crashes and improved safety
- Increased convenience
- Reduced energy consumption
- Improved local economy
- Improved access to education and employment
- Increased home values

TENNESSEE EXAMPLE OF A PEDESTRIAN AND BICYCLE MASTER PLAN: ARLINGTON

The City of Arlington, TN completed the Loosahatchie Greenway Trail Master Plan in 2014. This guiding document includes plans for the development of both on-road and off-road infrastructure to link Arlington's parks, downtown and develop a trail system along the Loosahatchie River.



Implementation Map, Loosahatchie Greenway Trail Master Plan, Arlington, TN

HOW TO DEVELOP A BICYCLE AND PEDESTRIAN MASTER PLAN

STEP 1: PROJECT DEVELOPMENT

Leadership Commitment Community leaders must demonstrate a clear commitment to support the project.

Visioning and Consensus Establishing a shared vision and consensus allows the community to set project goals and objectives. Understanding needs and developing support from the community is vital to start the planning, design, and implementation processes.

Planning and Design Communities should leverage local resources and knowledge to assist in guiding project activities to best meet the needs of their community. Tailoring best practices to meet local conditions and desires will assist in developing an implementable, successful planning study.

STEP 2: PROJECT IMPLEMENTATION

Funding for Implementation Communities should seek diverse funding sources to implement their pedestrian and bicycle plans. Partnering with private industry as well as seeking funding from other state and federal sources.

TDOT offers the following competitive programs to assist with implementation:

Federal-Aid

- **Safe Routes to Schools:** The Safe Routes to School Program has two main goals: make it safer for kids to walk and ride their bikes to school and encourage more kids to walk and ride their bikes to school.
- **Recreational Trails Program:** The Recreational Trails Program (RTP) provides funding for recreational trails in both urban and rural areas throughout the state.
- **Congestion Mitigation and Air Quality:** The Congestion Mitigation & Air Quality Improvement Program (CMAQ) targets specific areas for special funding that aim to lesson congestion and air pollution.
- **Transportation Alternatives:** The Transportation Alternatives Program, functions as the main funding source for general pedestrian and bicycling infrastructure projects.

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