



Project Overview

The Town of Waxhaw is engaging an inclusive process to develop the Waxhaw Master Transportation Plan (WMTTP). In a fast-growing community like Waxhaw, addressing the challenges of securing funding begins with understanding current transportation needs and how to develop recommendations based on community priorities. Since transportation planning is most effective through a collaborative approach, considering the relationships between transportation, land use, the environment, community resources, urban design, and economic resiliency is vital. In tandem, empowering the public to provide community-based knowledge will enhance the overall process and recommendations.

Purpose

The overarching goal of Waxhaw’s Master Transportation Plan is to create a vibrant, locally-driven plan that:

- Identifies critical transportation improvements
- Creates a defensible implementation strategy
- Includes an action plan that outlines priorities, funding options, and partnership needs

The WMTTP begins with an inventory of local projects recommended through previous plans and studies from local, regional, and state sources. This task gives way to a review of performance using readily available data. The process will conclude by identifying performance gaps (i.e. transportation needs), developing a prioritization process, and communicating results.





Planning Process

The WMTP planning process will be guided by a **Coordinating Committee** and organized into **six tasks**.

Task 1 – Project Initiation

The WMTP was initiated with the first draft of the Project Work Plan and a Project Kickoff Meeting.

Task 2 – Project Inventory

The WMTP will begin by inventorying transportation projects from existing plans. The universe of projects will be organized by project origination, likely funding sources, and funding status. The project inventory will be communicated as an ArcGIS map and accompanying table.

Task 3 – Current and Projected Performance

The WMTP will assess the performance of the Town’s transportation network by referencing existing planning forecasts, travel model runs, Transportation Impact Analysis (TIAs), and current and projected service needs. This assessment will be illustrated using thematic maps and an easy to interpret report card or dashboard.

Task 4 – Diagnostic

The outcomes of Tasks 1 and 2 will be used to identify performance gaps and shortcomings of current trends. This comparison will guide the prioritization of projects and programs, accelerate current plans and programs, and supplement existing strategies with new ones. This diagnostic will be communicated in a brief memo.

Task 5 – Prioritization and Funding Strategy

Prioritization. Based on Task 3, the WMTP will identify the priority projects that consider transportation performance metrics as well as influencing factors related to land use and economic vitality.

Cost Opinions. Existing and credible cost opinions for identified projects will be developed.

Action Plan. The WMTP will organize projects based on the structure identified in Task 1. An Action Plan will outline next steps and communicate initiatives and projects, likely cost of projects, who is best positioned to lead, and what partners need to be engaged.

Task 6 – Reporting and Deliverables

Organized Project List. The WMTP will include a structured list of transportation projects with a brief description of the project, project origin, cost opinions, recommendation method(s) of funding, prioritization with relative reasoning, impacts of completion or incompletion of project(s), and other additional item(s) identified as pertinent during the planning process. A Level of Service data file from the TIA list will also be included.

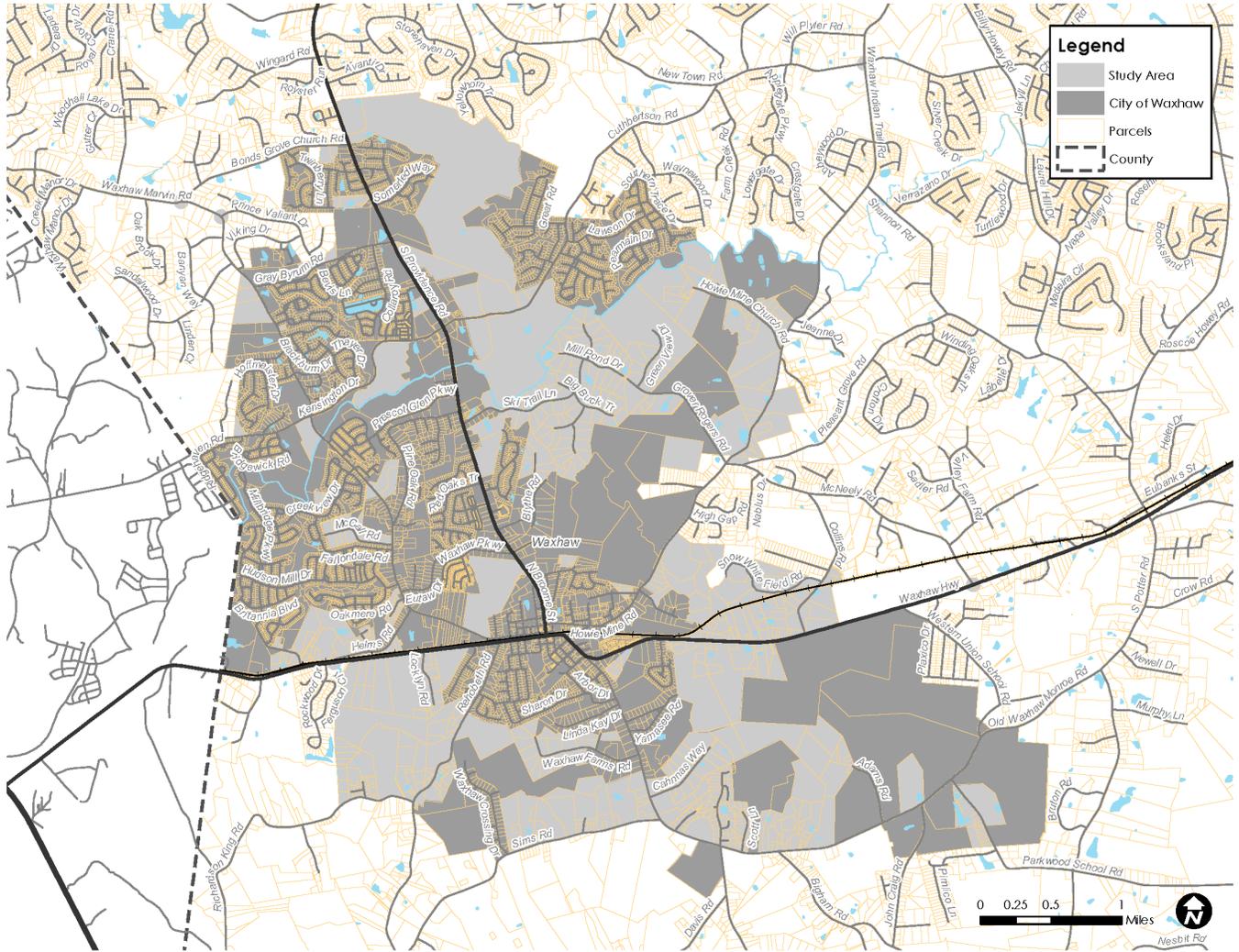
Report. The summary report will describe the study process, issues, and recommendations. The report will rely on charts, graphs, tables, maps, and graphics to communicate ideas and information. If necessary, a digital (PDF) technical appendix will be provided. A mapbook will supplement the report.

GIS. GIS data will be provided in an ArcGIS file geodatabase. The data will be organized in a structure supportive of future use and manipulation. GIS map packages will be provided for relevant maps.



Study Area

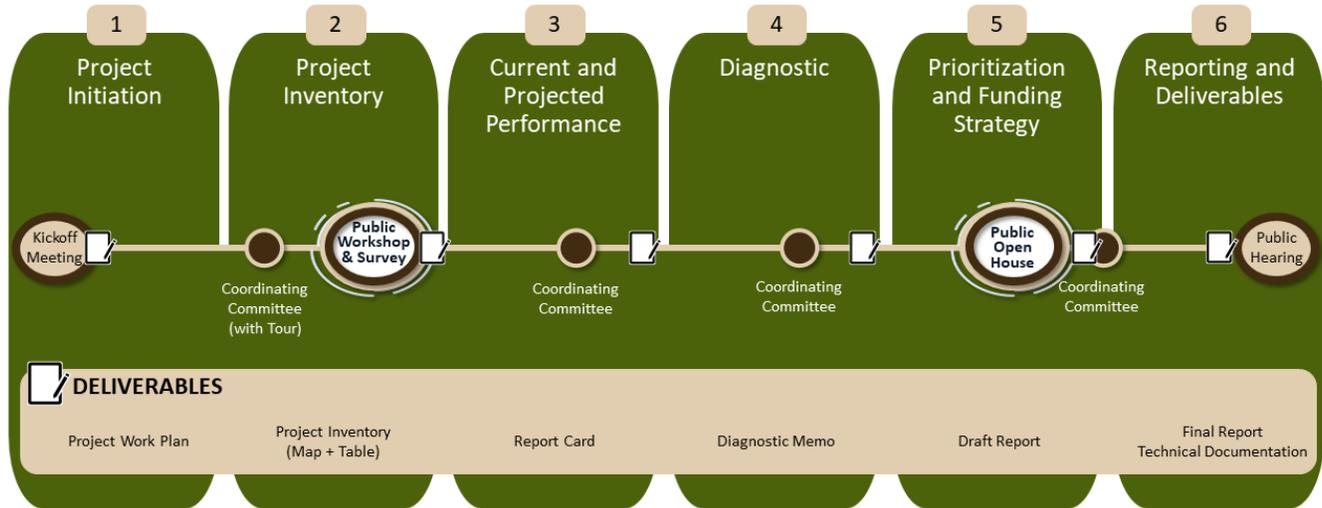
The Waxhaw Master Transportation Plan will assess the transportation needs of the Town of Waxhaw as well as surrounding areas around the Town boundary.





Project Schedule

Process Diagram



Milestone Schedule

Project Milestone	Anticipated	Achieved
Task 1 – Project Initiation		
<i>Deliverable</i> Project Workplan – Initial Draft	12/10/19	✓
<i>Meeting</i> Project Kickoff Meeting	12/10/19	✓
Task 2 – Project Inventory		
<i>Meeting</i> Coordinating Committee Meeting #1 (with tour)	1/23/20	
<i>Meeting</i> Public Workshop #1 (with MetroQuest Survey)	Week of 2/3/20	
<i>Deliverable</i> Project Inventory (Map & Table)	2/7/20	
Task 3 – Current and Projected Performance		
<i>Meeting</i> Coordinating Committee Meeting #2	2/27/20	
<i>Deliverable</i> Report Card	2/28/20	
Task 4 – Diagnostic		
<i>Meeting</i> Coordinating Committee Meeting #3	4/9/20	
<i>Deliverable</i> Diagnostic Memo	4/10/20	
Task 5 – Prioritization and Funding Strategy		
<i>Meeting</i> Public Workshop #2	Week of 5/4/20	
<i>Deliverable</i> Draft Report	5/20/20	
<i>Meeting</i> Coordinating Committee Meeting #4	5/20/20	
Task 6 – Reporting and Deliverables		
<i>Deliverable</i> Final Report + Technical Documentation	6/5/20	
<i>Meeting</i> Public Hearing	6/23/20	