

MOBILITY PLAN UPDATE



College Town. Lake Town. *Your Town.*

Mobility Plan Update
J. Travis Johnson, Planning

MOBILITY PLAN UPDATE

- Updated Schedule

- Review Existing Plans



Schedule

- **Transportation Presentations**
- **Tours**
- **Intercept Surveys**
- **Table Events**
- **Charrette**



Schedule

Transportation Presentations

Dates: TBD

Location: Town Hall

Topics:

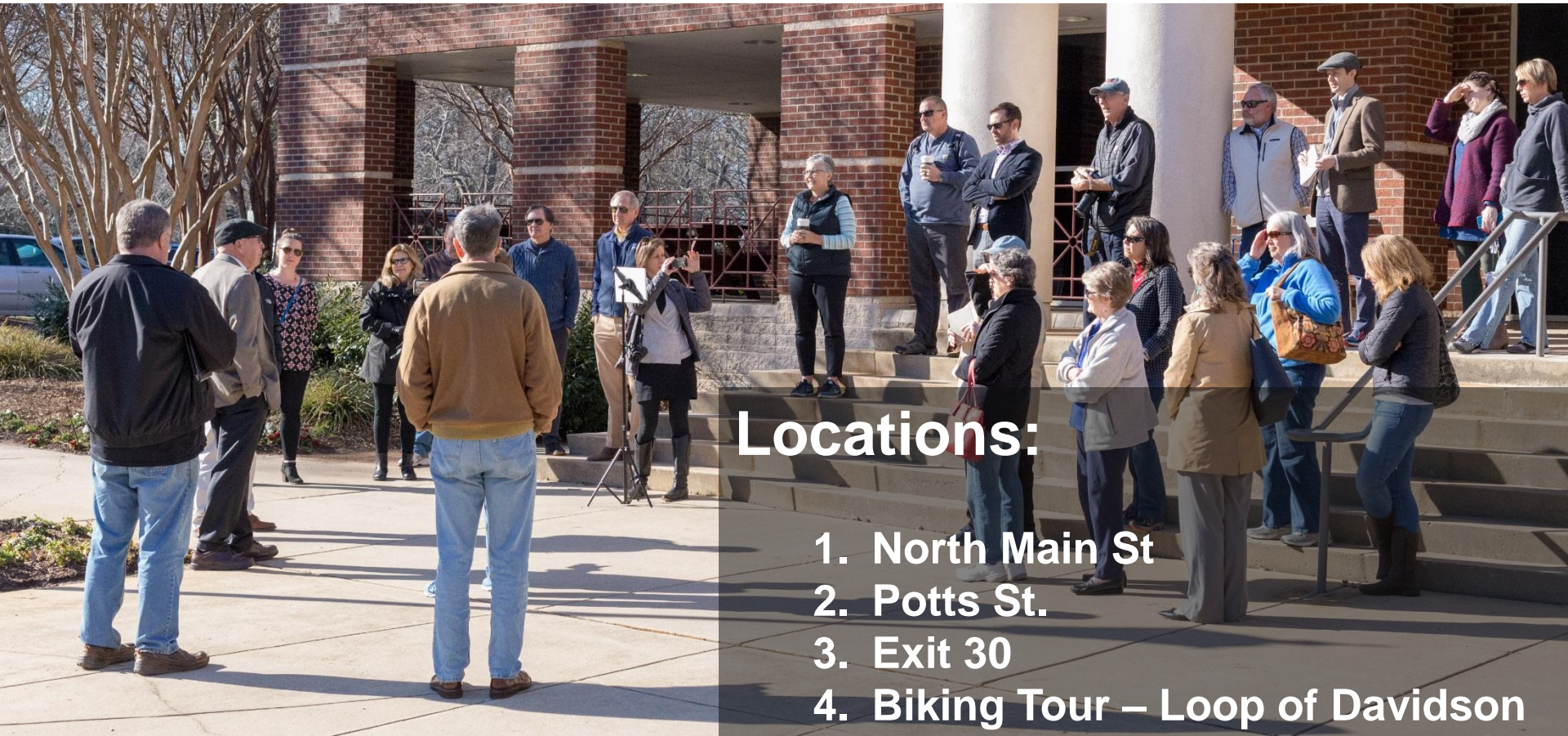
1. Innovative Technology in Transportation
2. Transit
3. Bicycle and Pedestrian
4. Roads



Schedule

Tours

Date: TBD



Locations:

1. North Main St
2. Potts St.
3. Exit 30
4. Biking Tour – Loop of Davidson

Schedule

Intercept Surveys

Date: TBD

Table Events

Date: TBD

Locations: College
and Farmer's Market

Schedule

Charrette

Dates: TBD (3 Days)

Location: Town Hall

All-day Sessions, Evening Reports, and
Final Report

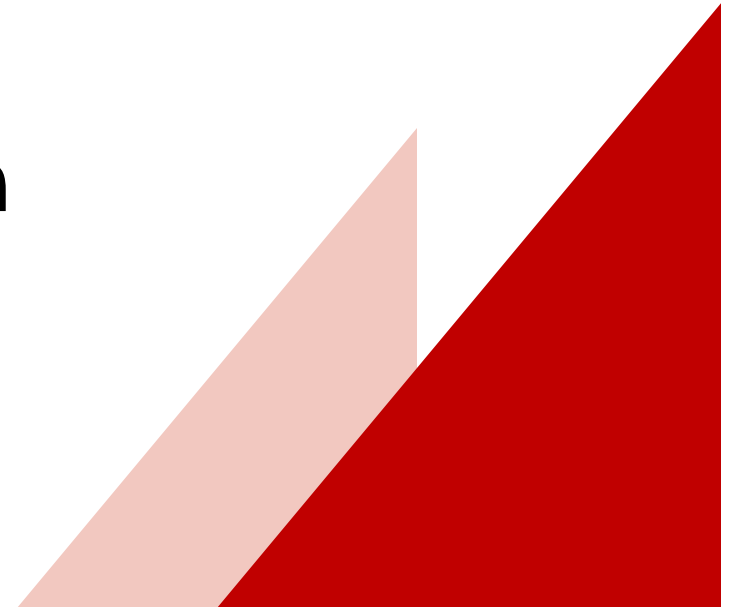


Schedule

Steering Committee Charrette Debrief

Joint Planning Board / Livability Board
TBD (August)

Town Board Presentation
TBD (August)



Schedule

Review of all Comments

Town Board Presentation
(October / November)

Existing Plans Review

Review of Plans

- Downtown Pedestrian Safety Enhancement Plan (2002)
- Circulation Plan (2003)
- Connectivity and Traffic Calming Report (2003)
- Davidson Transit Station Small Area Plan (2005)
- Potts-Sloan-Beaty Street Corridor Land Use Plan (2007)
- Bicycle Transportation Plan (2008)
- Davidson Comprehensive Plan (2010)
- Comprehensive Parking Study (2011)
- Station Area Plan Update (2012)
- Davidson Walks and Rolls: Active Transportation Master Plan (2013)
- Circles at 30 Small Area Plan (2013)
- Parks and Recreation Master Plan (2014)
- Rural Area Plan (2016)

Existing Plans Review

Downtown Pedestrian Safety Enhancement Plan (2002)

Outlines pedestrian crossing improvements and bicycle facility improvements in order to protect the pedestrian- and bicycle-oriented character of central Davidson.

- Intersections of Main Street and Concord Road, Main Street and Depot Street, Concord Road and Lorimer Road, and Concord Road and College Street.
- Installation of bicycle lanes along Concord Road, from Lorimer Road to Kimberly Lane.

Existing Plans Review

Circulation Plan (2003)

This plan summarizes the results of an extensive connectivity study of how to improve circulation and mobility, as well as pedestrian and bicycle connectivity.

The recommendations and priorities established were based on citizen stakeholder input, as well as input from Town staff and consultant research.

Roadway connections were identified based on their ability to

- 1) relieve traffic congestion on major thoroughfares and at primary intersections,
- 2) enhance movement safety in the area, and
- 3) maintain and enhance quality of life in Davidson.

Existing Plans Review

Connectivity and Traffic Calming Report (2003)

This plan is the implementation plan that followed the Circulation Plan of 2003. It provides details of the traffic calming measures and intersection treatments that should be applied to specific new roadway connections.

1. Neighborhood streets maintain their character
2. Accommodate traffic without directing unnecessary traffic into neighborhoods.

The plan outlines a number of guiding design and engineering principles that support these proposed recommendations.

Existing Plans Review

Davidson Transit Station Small Area Plan (2005)

Select the locations of a transit station and parking lot in anticipation of the extension of rail transit and enhanced bus services from Charlotte to Mooresville. The Station Area includes the land on either side of the railroad tracks, between Delburg Street and the back of Town Hall.

Goals

1. Select the station platform and parking locations for the transit system,
2. Identify and reevaluate the infrastructure issues that will affect the station plan and will be affected by the transit system, and
3. Discuss options for development in five areas around the proposed Station Area.

Recommendation: adopt a Transit Oriented Development Zoning Classification to support mixed-use development around the future station.

Existing Plans Review

Potts-Sloan-Beaty Street Corridor Land Use Plan (2007)

Analysis and planning of an alternative north-south corridor to Main St./NC-115 along Beaty St., Sloan St., and Potts St., including a new street connection between Sloan St and Potts St. in order to alleviate current and future traffic along NC-115.

Recommendations:

Potts St

Sloan St

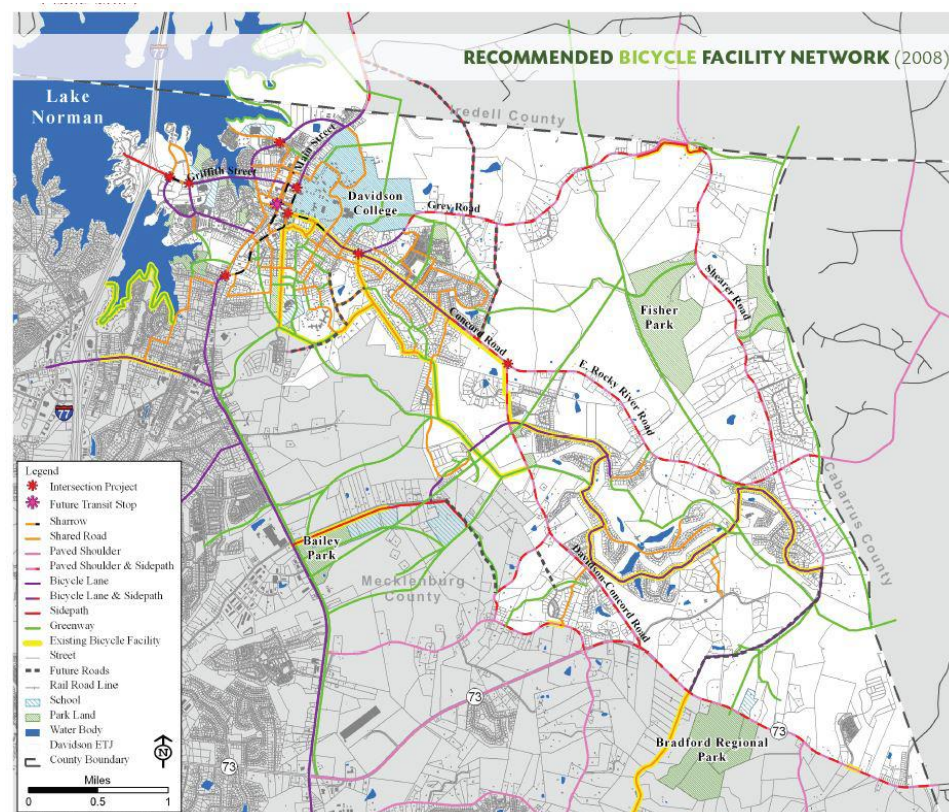
Beaty St.

Existing Plans Review

Bicycle Transportation Plan (2008)

Enhance and promote the Town as a destination for bicyclists and a livable community for local residents.

Recommended A significant amount of bicycle facilities including multi-use paths.



Existing Plans Review

Davidson Comprehensive Plan (2010)

The Davidson Comprehensive Plan was a community-based effort.

While a Comprehensive Plan is by nature not as project-focused as a small area plan or a comprehensive transportation plan, it does contain goals, policies, and objectives that guide future planning efforts related to mobility.

Mobility Study Group

“provide a transportation network that is consistent with the land use context, safe and efficient for all types of users, meets basic regional needs, and bears minimal impact on the natural environment.”

Existing Plans Review

Comprehensive Parking Study (2011)

To examine existing parking deficiencies, to help plan for future parking needs, and to develop a funding strategy to allow the Town to make enhancements to parking in Downtown over time.

The consultant conducted space count and utilization surveys, and projected parking demand for a five and ten-year horizon. The study indicated that in those time periods, assuming that recommendations were implemented, Downtown would not experience a parking deficit.

Categories of recommendations fell along the following broad types:

- Operational Management
- Configuration of existing parking
- Pricing of parking
- Increasing efficiency of supply

Existing Plans Review

Station Area Plan Update (2012)

This plan is an update to the Transit Station Small Area Plan of 2005. Within the report, there is a thorough review of previous plans in Davidson, with a detailed synopsis and map for the following plans:

- 1996 Beaty Street Plan
- 1998 Town Center Plan
- 2002 Griffith Street Plan
- 2006 Station Area Plan
- 2009 North of Griffith Plan
- 2009 Eco-Industrial Plan
- 2010 Comprehensive Plan

The findings of this review include a recommendation that some street connections recommended within the Circulation Plan of 2003 be replaced with off-road bicycle and pedestrian routes.

Existing Plans Review

Davidson Walks and Rolls: Active Transportation Master Plan (2013)

An active transportation master plan that focuses on pedestrian mobility, but also addresses complementary forms of transportation like bicycle and transit. The plan's intent is to create a vision for an improved walking and bicycling environment in Davidson.

This plan brings forward some of the recommendations of previous plans, such as the Davidson Comprehensive Plan, Carolina Thread Trail, and Lake Norman Regional Bike Plan. In addition, with much of a bicycle and pedestrian network also being part of the parks and recreation system (for example greenways), there is and should be a great deal of overlap between recommendations of the Walks and Rolls Plan and recommendations of a parks and recreation master plan.

Existing Plans Review

Circles @ 30 Small Area Plan (2013)

The Circles @ 30 Small Area Plan was conducted in 2013 to focus on the area adjacent to Griffith Street between I-77 and just east of Davidson Gateway Drive. The area is a major gateway to Davidson, and has historically had the greatest potential for new development in Davidson proximate to the current nucleus of Town and served by existing infrastructure.

Purpose :“to provide a vision for the development of the Circles @ 30 area that results in a vibrant, sustainable mixed-use environment within the context of Davidson’s small town atmosphere.”

Existing Plans Review

Parks and Recreation Master Plan (2014)

The plan has a number of corresponding policy and program recommendations to support and encourage the use of parks and recreation facilities.

The number one priority facility recommendation based on public input is to “continue to expand the greenway (multi-use trail) system to provide access within a ¼ mile of all households”.

- design and construction of the Kincaid Trail Greenway extension (currently underway);
- design and construction of the Summer’s Walk Greenway connection to River Run;
- Securing of land, design, and construction of a greenway from Downtown to Fisher Farm/Abersham/Allison Park;
- Design and construction of the Mooresville to Charlotte Trail through downtown to connect to Roosevelt Wilson Park.

Existing Plans Review

Rural Area Plan (2016)

This plan outlines recommendations for improving mobility and the health of the community by providing transportation choices to and within the Rural Planning Area in the form of new roadway connections, sidewalks, and greenways.

The plan outlines potential vehicular connections in the Rural Planning Area, drawing on planned routes from the Charlotte Regional Transportation Planning Organization's (CRTPO) Comprehensive Transportation Plan (CTP), and adding a few new proposed roadway connections. Greenway and trail connections are also delineated.

Questions?

Contact

tjohnson@townofdavidson.org



College Town. Lake Town. *Your Town.*

Mobility Plan Update
J. Travis Johnson, Planning