



Planning & Zoning Board Meeting

Transportation Plan Update

November 9, 2017

Overview

- Public Comment Portal
- Public Comment Session
- Board Questions from October 12th Meeting
- Draft Plan Revisions
- Discussion Topics



Public Comment Portal

Public Comment Portal

- All comments provided to the Planning & Zoning Board and Town Council
- Submit comments online at:
www.townofmorrisville.org/transportationplanupdate

The screenshot shows a web browser window with the URL <http://www.townofmorrisville.org/transportationplanupdate> in the address bar, which is circled in orange. The website header includes navigation tabs: ABOUT US, COMMUNITY RESOURCES, TOWN DEPARTMENTS, YOUR GOVERNMENT, and DO BUSINESS. The main content area features the Morrisville North Carolina logo and a breadcrumb trail: You are here: [Home](#) > [Town Departments](#) > [Planning](#) > [Transportation](#) > Morrisville Comprehensive Transportation Plan. The page title is "Morrisville Comprehensive Transportation Plan". An "Overview" section states: "The Town has hired Kimley-Horn and Associates to help staff prepare a major update to the adopted 2009 Transportation Plan. The Transportation Plan includes elements focusing on roadways, bicycle and pedestrian facilities, as well as future transit routes and facilities. The proposed plan update will be comprehensive in nature, with data and analysis backing up the policy recommendations. The plan update will include revising the recommended cross-sections for state and local roads in the Transportation Plan as well as updating the implementation tasks. Of particular focus will be prioritizing needed roadway improvement projects and potential funding sources, updating proposed transit routes in coordination with the Wake County Transit Investment Strategy work, and updating bicycle, pedestrian and greenway recommendations. The Update process is expected to take approximately 1 year, with the final updated Plan going to Council for adoption in late Fall/Winter 2017." A large orange arrow points from the top right towards a circular icon containing a person with a speech bubble, surrounded by the words "QUESTIONS?", "COMMENTS?", and "CONCERNS?". Below the icon, text reads: "Click on icon above to submit comments, concerns or questions". The left sidebar contains utility links (home, share, print, rss), a search bar, and a list of project categories: Major Roadway Projects, Transportation Projects, and Morrisville Comprehensive Transportation Plan. Social media links for Facebook and Twitter are also present.





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Town Council

Video Stream - Live



OUR NEWS & ANNOUNCEMENTS {view all}

Reminder: Parking Ordinance updates went into effect on July 1

Traffic Alert: Lane Closures on NC 54 Near McCrimmon Parkway

Transportation Plan Update - We Want to Hear From You!

Know a child who's been naughty or nice? Sign up for a Call From Santa!

CALENDAR OF EVENTS {view all}

Thu, Nov. 9 Planning & Zoning Board

Thu, Nov. 9 Senior Advisory Committee Meeting

Fri, Nov. 10 Holiday, Town Offices Closed

Mon, Nov. 13 Morrisville Youth Leadership Council

Tue, Nov. 14 Town Council Meeting

Tue, Nov. 21 Board of Adjustment Meeting (As Needed)

Thu, Nov. 23 - Fri, Nov. 24 Holiday, Town Offices Closed

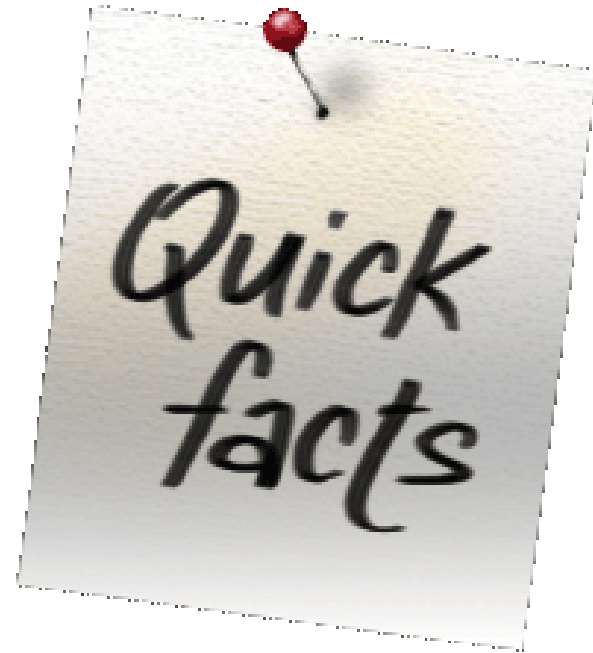
Tue, Nov. 28 Town Council Meeting

Fri, Dec. 1 Tree Lighting

Tue, Dec. 5 Public Safety Advisory Committee

Public Comment Portal

- Portal remains open until Planning & Zoning Board public comment session closes
- Portal will reopen when Town Council public hearing opens
- Number of Comments:
 - 261 comments received as of 7am on November 2, 2017



Public Comment Session

Continued from October 12th Meeting

Information Requests from October 12th Meeting

NC 147/Triangle Parkway Extension

- Included in the adopted 2009 Town Transportation Plan
- NCDOT Project
 - Road alignment may change
- Funded Project in adopted STIP
 - Right-of-Way Acquisition scheduled for FY2021
 - Construction in FY2023



STIP = State Transportation Improvement Program



NC 147/Triangle Parkway Extension

- NC 147 Hot Spot Study
 - Conducted in 2013 by CAMPO
 - Studied impact of different alignments
 - Recommended detailed study of additional alignments
- Right-of-Way (ROW)
 - RTP has identified potential ROW
 - Shiloh Grove has dedicated ROW
- Neighborhood Connections
 - Town Hall North has a constructed portion of road
 - Potential for neighborhood connection(s) to subdivisions located off Church Street



Triangle Region Travel Demand Model

- What is it?
 - A predictive model
 - Used to forecast peak period and daily trips
 - Updated every 5 years
- How was the Travel Demand Model used in the draft Plan?
 - 2010 model data
 - Updated to reflect changes in Morrisville's demographics and transportation network
 - Transportation network modeled for the year 2040
 - Model 1: Current conditions, no improvements (Figure 3.1)
 - Model 2: Current conditions and funded road improvements (Figure 3.3)
 - Model 3: Current conditions, funded road improvements, and recommended road improvements ++

++ The consultant will run Model 3 once the Planning and Zoning Board confirms their preferred proposed road network (e.g. new roads, additional lanes on existing roads, etc.). This model can be run for multiple scenarios.



Triangle Region Travel Demand Model

- Was a Model run for Green Drive and Millicent Road Extension?
 - No. These road extensions are too small to measure at a regional level
- Was a Model run for the proposed Crabtree Crossing Parkway extension (CCPE)?
 - A Model with current conditions, funded road improvements, and only CCPE was not run.
 - A Model with current conditions, funded road improvements, Airport Blvd extension, NC 54 as four lanes, Davis Drive as six lanes, and CCPE was run++

++ CCPE was coded in this Model as a 2-lane, 25MPH road



Draft Plan

Revisions Currently Underway

Revisions to Chapters

- Chapter 1: Introduction ([link](#))
 - Add a section highlighting the accomplishments of the 2009 Transportation Plan using Table 5.6 in the 2009 Plan as the baseline (Town Council request)
- Chapter 2: Existing Conditions ([link](#))
 - Provide information about commuting patterns (Staff request)
- Chapter 3: Roadways ([link](#))
 - Revise to Table 3.2 (Cross-Section matrix) on Page 3-10 (Planning & Zoning Board and staff request)
 - Include examples of Intersection and Access Management Improvements (staff request)
 - Revise Project Sheets – easier to understand (Planning & Zoning Board and staff request)



Revisions to Chapters

- Chapter 4: Alternative Travel Modes ([link](#))
 - Revise Figure 4-2 (Recommended Off-Street Bicycle & Pedestrian Facilities) to improve readability (staff request)
- Chapter 5: Action Plan ([link](#))
 - Add additional Policy recommendations (Planning & Zoning Board and staff request)
 - Make each action measurable (staff request)
 - Tie each action to a Guiding Statement (staff request)
 - Label each action as near-, mid-, or long-term (staff request)
 - Define near-, mid-, or long-term (staff request)



Revisions and Additions to Appendices

- Appendix A – Standardized Cross-Sections
 - Add additional roadway cross-sections for local roads (staff request)
 - Revision of Cross-Section Matrix to match Chapter 3 (staff request)
- Appendix B – Project Data Sheets
 - Add additional information about Project Cost Estimates (Town Council, Planning & Zoning Board, and staff requests)
 - Improve readability (Planning and Zoning Board and staff requests)
- Appendix C – Public Engagement Summary
 - Add additional background information on public engagement during Plan development (Town Council, Planning & Zoning Board, and staff requests)
- Appendix D (new) – Scenario Planning Summary
 - Add summary of Scenario Planning process and findings (staff request)
- Appendix E (new) – Multi-Use Path Design Guidelines
 - Provide design guidelines for sidepaths and greenways (staff request)
- Appendix F (new) – Glossary of Terms
 - Provide a glossary of terms and acronyms used throughout Plan (Planning & Zoning Board request)



Planning & Zoning Board Discussion Topics

Discussion Topic #1

Schedule

Tentative Schedule

Planning & Zoning Board

- Past events
 - September 14th meeting with public comment session
 - September 21st work session with public comment session
 - October 12th meeting with public comment session
- Current & Upcoming Events
 - November 9th meeting with public comment session
 - December 14th meeting

Town Council

- Past events
 - September 19th work session
 - October 17th Work Session
- Upcoming Events
 - TBD



Discussion Topic #2

Questions and Requests for Additional Information Related to draft Plan