



Morrisville

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**To:** Planning & Zoning Board

**From:** Ben Howell, Long Range Planning Manager

**cc:**

**Date:** June 1, 2018

**Re:** Changes to the Draft Comprehensive Transportation Plan Update, February 23, 2018 Version Reflected in the Draft Comprehensive Transportation Plan Update, June 6, 2018 Version

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Below are additional changes to the Draft Comprehensive Transportation Plan Update, February 23, 2018 Version (recommended by Staff, the Planning and Zoning Board and Town Council) that are reflected in the June 6, 2018 Version of the Draft Comprehensive Transportation Plan Update. Some of the Staff Recommended Modifications were previous directives by the Planning & Zoning Board during their review of the September 25, 2017 Draft Comprehensive Transportation Plan Update. Each change is identified as staff (S), public comment (PC), Planning and Zoning Board (PZB), and/or Town Council (TC) initiated change. Hyperlinks are also provided to the Chapter and/or section where the recommended modification(s) will take place.

### **General**

- Added hyperlinks to the [Table of Contents](#) (S)
- Added [Table of Contents](#) title (Page 3 of the PDF) and [List of Figures](#) title (Page 4 of the PDF) (S)
- Added Town Hall Drive Extension – impacts multiple chapters (S)
  - No connection to NC 147
  - Design consistent with direction provided by RTP at March 7<sup>th</sup> meeting
  - Town Hall Drive extension would provide secondary access to neighborhoods along Church Street between McCrimmon Parkway and NC 540 that currently only have access to one collector street (Church Street)
- Hyperlinked the terms in the text of the document that are defined in [Appendix A](#) (PZB)
  - Specific terms cannot be linked to a definition in the glossary
  - A hyperlink to the Glossary can be added.

\* Recommendation based on comments provided to staff during community outreach events

\*\*Additional change recommended by Staff following May Planning and Zoning Board meeting

## **Chapter 1**

- Revised [Action Item Accomplishments](#) as follows (S)\*\*:
  - Added item: Develop Specific Plans for Redevelopment of Koppers (former Superfund) Site
    - Moved description from “McCrimmon Ext. Area” item to this item.
  - Changed description for “McCrimmon Ext. Area” item to as follows: "Adopted in December 2012, the McCrimmon Parkway Extension Area Development Guide was adopted by the Town Council to provide guidance on land uses and development standards in the area of Morrisville through which McCrimmon Parkway will be extended."
  - Added following items:
    - Rename Triangle Parkway to Southport Drive
    - NC 54 Study
- Added Spring 2018 Public Engagement summary. (S)\*\*

## **Chapter 2**

- Revised Figures [2-2](#) and [2-22](#) to show the Crabtree Hatcher Creek Greenway and the connections from the greenway to Crabtree Crossing Parkway and Morrisville-Carpenter Road as existing greenways (S)\*
- Added sidepaths on Aviation Parkway, Davis Drive, and Parkside Valley Drive in Figure [2-22](#). (S)\*\*

## **Chapter 3**

- Revised [Figure 3-2](#) to include road names for all streets included in the hierarchy (S)
- Ensured project lengths in [Table 3-3](#) match Project Sheets in [Appendix C](#) (S)
- Revised [Figure 3-3](#) to reflect that the recommended alignment of NC 147 in the Draft CTP does not match the preferred NCDOT alignment for the project funded in the STIP (PZB)
- Clarified that the widening on I-40 consists of adding auxiliary lanes and managed lanes under Other Relevant Committed Roadway Projects on [Page 3-2](#) (PC)
- Updated [Table 3-1](#) to include the I-5700 Airport Boulevard/I-40 Interchange Project (PC)
- Specified that the proposed Morrisville-Carpenter Road Grade Separation is located at the intersection of Morrisville-Carpenter Road, railroad tracks, NC 54 and Aviation Parkway in [Table 3-5](#) (PC)
- Removed 6-lane cross-section from [Morrisville-Carpenter Road Strategic Corridor](#) sheet. (S)\*\*
- Added a recommendation for Access Management improvements to the segment of Airport Boulevard between NC 54 and McCrimmon Parkway to Figure [3-3](#). (S)\*\*

## **Chapter 4**

- Added multiuse paths recently installed at the Lake Crabtree Apartment development to [Figure 4-6](#) (PC)

\* Recommendation based on comments provided to staff during community outreach events

\*\*Additional change recommended by Staff following May Planning and Zoning Board meeting

- Revised Figure [4-6](#) to show the Crabtree Hatcher Creek Greenway and the connections from the greenway to Crabtree Crossing Parkway and Morrisville-Carpenter Road as existing greenways (S)\*
- Extended greenway proposed on the east side of Church Street north to connect to the Church Street and Shiloh Community Parks in [Figure 4-6](#) (TC)
- Added greenway connections from McCrimmon Parkway Extension (Phase II) to the greenway proposed along the eastern boundary of Morrisville in [Figure 4-6](#) (TC)
- Added the section of Cary's Kit Creek Greenway connecting to Louis Stephens Road at Parkside Valley Drive in [Figure 4-6](#) (PC)
- Removed Sidepath on south side of McCrimmon Parkway between Louis Stephens Road and NC 54 in [Figure 4-6](#). (S)\*\*

## **Chapter 5**

- Revised Table and Figure numbers in Figures [5-2](#) and [5-3](#) and Table [5-8](#) and [5-8](#) to remove duplicates (S)
  - Renamed Figure 5-2 to Figure 5-3
  - Renamed Figure 5-3 to Figure 5-4
- Updated the Crabtree Crossing Parkway Extension label in [Figure 5-3](#) and showed the Crabtree Hatcher Creek Greenway connections to Crabtree Crossing Parkway and Morrisville-Carpenter Road as existing greenways (S)\*
- Labeled greenways and moved location of sidepath on Airport Boulevard in [Figure 5-3](#) (S)
- Modified Prioritized Roadway Improvements [Table 5-8](#) as follows (S/PZB)
  - Changed to Short-Term
    - Davis Dr./McCrimmon Pkwy.
    - Airport Blvd. Grade Separation
    - Crabtree Crossing Pkwy./Morrisville Pkwy.
    - Slater Rd./Carrington Mill Blvd.
  - Changed to Mid-Term
    - NC 54/Morrisville Pkwy.
    - NC 54/Cary Pkwy.
  - Changed to Long-Term
    - Morrisville-Carpenter Rd. Grade Separation
  - Added to Short-Term
    - NC54 and Keybridge Drive Intersection\*
    - Davis Drive and Parkside Valley Drive Intersection\*
  - Placed Table on one page
- Added the following Action Items in [Table 5-6](#)
  - Develop an Intersection Safety Improvements Study Program for all intersections in Town (S/PZB)
  - Evaluate cross-section for Church Street to require 14' lanes with sharrows (S)\*
- Revised the prioritization of the Airport Boulevard Grade Separation (NC 54 to Church Street) to Short-Term in [Table 5-6](#) (PZB)
- Revised the prioritization of the Airport Boulevard Extension (from west of Town Hall Drive to Church Street) to Mid-Term in [Table 5-6](#) (PZB)

\* Recommendation based on comments provided to staff during community outreach events

\*\*Additional change recommended by Staff following May Planning and Zoning Board meeting

- Revised [Figure 5-2](#) to reflect that the recommended alignment of NC 147 in the Draft CTP does not match the preferred NCDOT alignment for the project funded in the STIP (PZB)
- Added the section of Cary's Kit Creek Greenway connecting to Louis Stephens Road at Parkside Valley Drive to [Table 5-8](#) and [Figure 5-3](#) (PC)

### **Appendix B**

- Revised rights-of-way widths for cross-sections to accommodate all elements (S)
- Moved [Table of Roadways](#) to front of Appendix B, before cross-sections. (S)\*\*
- Add Bike Lanes in Alternative Dimensions for [Cross-Sections 4A and 4B](#) (same as Cross-Section 4C). (S)\*\*
- Changed [Morrisville East Connector](#) to 3A Cross-Section. (S)\*\*
- Revised [3A cross-section](#) to have Standard Dimensions for lanes be 12-foot lanes; Alternative Dimensions for lanes will be 14-foot lanes with sharrows. (S)\*\*
- Revised [Cross-Section 4C](#) Alternative Dimensions to allow for 11 to 15-foot wide lanes. (S)\*\*

### **Appendix C**

- Added the following Project Sheets (S)
  - Airport Boulevard (NC 54 to McCrimmon Parkway)\*\*
  - Marcom Drive Ext.
  - Morrisville East Connector
  - Southport Drive Ext.
  - Town Hall Drive Ext.\*\*
- Ensured project lengths on Project Sheets match project lengths in Table 3-3 (S)

### **Appendix D**

- Added information from Spring 2018 Community Outreach Events. (S)\*\*

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