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**To:** Planning & Zoning Board

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

**cc:**

**Date:** May 10, 2018

**Re:** Changes to September 25 2017 Draft CTP Update Reflected in February 23 2018 Draft CTP Update

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The first draft of the Comprehensive Transportation Plan Update was released in September 2017. Since the release of the initial draft, the Planning and Zoning Board received public feedback and requested staff to work with the consultant on multiple revisions. Minutes detailing the Planning and Zoning Board's discussion and requested changes to the September 25, 2017 draft Plan are located on the town website. Links to the minutes are located on [www.townofmorrisville.org/transportationplanupdate](http://www.townofmorrisville.org/transportationplanupdate).

In addition to receiving feedback from the public and the Planning & Zoning Board, Town staff provided a copy of the September 25, 2017 draft Comprehensive Transportation Plan Update to the City of Durham and the Town Cary. This too resulted in changes to the September draft Plan to ensure better consistency along Town boundaries.

After receiving a comprehensive list of changes from the Planning and Zoning Board, direction from Town Council, and public input, staff worked with the consultants to revise the September 25, 2017 draft Comprehensive Transportation Plan Update. A breakdown of changes included in the [Draft Comprehensive Transportation Plan Update, version 2/23/2018](#), is provided on pages 2 to 4 of this memo. Each change is identified as staff (S), public comment (PC), Planning and Zoning Board (PZB), and/or Town Council (TC) initiated change. Hyperlinks are provided to each chapter and appendix as well as pages where specific recommended modification(s) occurred. Due to the volume of changes related to formatting, document organization, and legibility in the September 28, 2017 draft Plan, no hyperlinks are provided to those changes.

## **Chapter 1 – Introduction**

- Added a section providing an overview of what has changed since the 2009 Transportation Plan was adopted. (TC) - [link](#)
- Included a list of action items that have been accomplished since the 2009 Transportation Plan was adopted. (S) - [link](#)
- Included a table (Table 1-1) providing a status update on projects that were in the 2009 Transportation Plan. (TC) - [link](#)
- Revised layout on some pages to improve readability. (S)

## **Chapter 2 – Existing Conditions**

- Included additional information about commuting patterns in and around Town, including a new map showing where Town residents commute to work. (S) - [link](#)
- Updated multiple figures and tables to improve legibility. (S)
- Revised layout on some pages to improve readability. (PC, S)

## **Chapter 3 – Roadways**

- Added a table of standard intersection improvement countermeasures. (PC, PZB) - [link](#)
- Removed committed intersection projects from the Intersection-Level Improvements Table. (PZB) - [link](#)
- Added new projects to the Intersection-Level Improvements Table. (PZB) - [link](#)
- Removed the Connectivity Enhancing Projects map. (PZB)
- Removed committed projects (Carolina Street and Foxglove Drive) as connectivity enhancement projects. (PZB) - [link](#)
- Removed the Green Drive Extension as connectivity enhancement project. (PC, PZB) - [link](#)
- Added additional recommendations/conditions for Crabtree Crossing Parkway Extension, Stockton Gorge Road and Millicent Way connectivity enhancement projects. (PC, PZB) - [link](#)
- Modified the NC 147 alignment (connects to Davis Drive at Little Drive). (TC) - [link](#)
- Removed Town Hall Drive extension to NC 147. (TC). - [link](#)
- Relocated Project Prioritization section to Chapter 5. (S) - [link](#)
- Reorganized the chapter to improve readability. (S)
- Updated multiple figures and tables to improve legibility. (PC, S)
- Revised layout on some pages to improve readability. (S)

## **Chapter 4 – Alternative Travel Modes**

- Revised the maps to have an On-Street Bicycle Facilities Map and a Multi-Use Path Facilities Map (which includes greenways, multi-use paths and greenway connectors). (S) – [link/link](#)
- Moved the Project Prioritization section to Chapter 5. (S) - [link](#)
- Removed the Multi-Use Path Design Guidance section since content located in Appendix F. (S) - [link](#)
- Revised layout on some pages to improve readability. (S)

## **Chapter 5 – Action Plan**

- Consolidated all Project Prioritizations into this chapter. (S) - [link](#)
- Moved the funding section to the front of the chapter. (S) - [link](#)
- Cross-referenced all Policy and Program recommendations to the Guiding Principles. (S) - [link](#)
- Expanded and re-organized the Policy and Program recommendations into near-, mid-, and long-term. (PC, PZB) - [link](#)
- Defined near-term, mid-term, long-term. (PC, S) - [link](#)
- Combined roadway improvements, intersection improvements and connectivity-enhancing projects into one table, and reorganized the Roadway Improvements Prioritization into near-, mid-, and long-term recommendations. (S) - [link](#)
- Provided a single map of all prioritized road projects (including intersections). (PC, S) - [link](#)
- Cross-referenced all independent multi-use path project recommendations with Guiding Principles. (PC, S) - [link](#)
- Provided a single map showing all prioritized independent multi-use path projects (sidepaths and greenways). (PC, S) - [link](#)
- Removed Transportation Technology section and created a new Appendix G. (S) - [link](#)
- Revised layout on some pages to improve readability. (S)

## **Appendix A – Glossary of Terms**

- Added a Glossary of Terms that includes a list of acronyms and terms frequently used in the draft Transportation Plan and their definitions. (PZB)

## **Appendix B – Standardized Cross-Sections** *(previously Appendix A)*

- Revised the Street Design Guide table to be more user-friendly. (S) - [link](#)
- Revised the standard street cross-sections to include standards dimensions and alternative dimensions. (S) - [link](#)
- Added a Morrisville Roadway Inventory table that provides the recommended cross-sections for some roadways. (S) - [link](#)

## **Appendix C – Project Sheets** *(previously Appendix B)*

- Reorganized introductory section explaining how project sheet data was developed. (S) - [link](#)
- Reorganized Project Sheets in alphabetical order. (S) - [link](#)

## **Appendix D – Engagement Summary** *(previously Appendix C)*

- Reorganized several tables to make them easier to read. (S)
- Combined the online survey results onto one map. (S) - [link](#)
- Used high-resolution graphics to ensure all images were readable. (S) - [link](#)
- Converted all scanned comments into a table format. (S) - [link](#)

#### **Appendix E – Scenario Planning**

- Added August 2017 Scenario Planning Summary Report as an Appendix. (S)
- Reorganized several tables to make them easier to read. (S)

#### **Appendix F – Multi-Use Path Design Guidelines**

- Added detailed design guidelines for construction of multi-use paths to create a Town-wide standard. (S)

#### **Appendix G – Transportation Technology**

- Relocated section from Chapter 5 with expanded information and a list of near-term planning issue. (S)

#### **Appendix H – Plan and Policy Review**

- Added an overview of adopted Town, Regional and Statewide Plans, Ordinances and Policies that were reviewed as part of the planning process. (S)

#### **Appendix I – Crabtree Crossing Parkway Extension Analysis**

- Added an overview of the additional analysis of the Crabtree Crossing Parkway Extension that was conducted for the Planning and Zoning Board during its review of the September 25, 2017 version of the Draft Comprehensive Transportation Plan Update. This analysis, in addition to public comment, is what formulated the Planning and Zoning Board's requested changes to the September 25, 2017 version of the draft plan. (S, PZB)