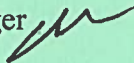


NOTES

TO: Honorable Mayor and City Council Members

FROM: Michael Cowin, Deputy City Manager 

DATE: September 6, 2023

SUBJECT: Materials for Your Information

Please find attached the following materials for your information:

1. A memo from Lisa Kirby, Director of Engineering, regarding the revised Manual of Standard Designs and Details (MSDD) and Ordinances effective September 1, 2023

mc

Attachments

Memorandum

To: Ann E. Wall, City Manager
From: Lisa Kirby, PE, CFM, Director of Engineering
Date: September 6, 2023
Subject: Revised Manual of Standard Designs and Details (MSDD) and Ordinances effective September 1, 2023

The MSDD was created in 1980 and last revised in 2011. It serves as the standards for building infrastructure in the City of Greenville. The Manual is maintained by the City Engineer and as such, the Engineering Department has been working diligently over the last 18 months to revise the MSDD and associated Ordinances.

The process began with staff creating a list of proposed revisions based on prior input from the engineering and development community, as well as lessons learned since the last revision. A stakeholder's group consisting of local developers, contractors, engineers, and City staff was engaged to discuss the proposed revisions. The stakeholder's group offered comments and recommendations on revisions that City staff had proposed, as well as offered suggestions for additional revisions that were considered. The stakeholder's group met monthly during the months of September, October, November, and December; and came to a consensus on the proposed revisions. Some of the most impactful revisions include but are not limited to:

- A. Deleted MSDD details which are duplicates of NCDOT details. The City will be requiring all development to be in accordance with the NCDOT Roadway Standard Drawings and the NCDOT Standard Specifications for Roads and Structures. The MSDD will contain additional details not contained within these documents and clarifications for City standards that will differ from NCDOT.
- B. Revised the minimum pavement structure.
- C. Revised minimum cover requirements for stormwater infrastructure.
- D. Clarified record drawing requirements for new City streets.
- E. Elimination of sidewalk exemptions for minor residential streets and cul-de-sacs.
- F. Allowance of private streets for townhomes or apartments.

In addition to revising the MSDD, several Ordinances required updating for numerous reasons. Those reasons include:

- A. Establishment of the Engineering Department and delineation of responsibilities for the Engineering Department and its Director.
- B. Revisions to the City's Manual of Standard Designs and Details (MSDD) - Several ordinance revisions were necessitated by the MSDD revisions, including but not limited to sections pertaining to driveways, streets, and storm drainage.
- C. Revisions to the Soil Erosion and Sedimentation Control Ordinance - This ordinance is based on the NC Sedimentation Commission's Soil Erosion and Sedimentation Control Model

Ordinance. The State's model ordinance has been updated and local ordinance is required to mirror those changes.

D. Updated references to governmental agencies and documents.

The final version of the revised MSDD was presented to City Council at the workshop on January 9, 2023, and the associated Ordinance revisions were approved by the City Council at the May 11, 2023 meeting. The revised MSDD and respective ordinances went into effect on September 1, 2023. Chapter 160 D of the North Carolina General Statutes will regulate vesting for current projects.

LK

cc: Travis Welborn, PE, Civil Engineer III