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TECHNICAL TRAINING & PRODUCTION SUPPORT MEMORANDUM NO. 25-05

Regarding Drainage Manual

Effective immediately, the following new and revised drainage manual chapters have been released for use.

A new Chapter 12, Aquatic Organism Passage (AOP) Design, has been developed to provide the procedures and methods for designing and installing highway cross drains, culverts, and bridges incorporating "Aquatic Organism Passage". Technical training on how to use this new chapter will be offered in the fall.

A new Chapter 13, Post-Construction Stormwater Quality, has been created to assist in designing Stormwater Control Measures (SCMs) that comply with the Transportation Separate Storm Sewer System (TS4) permit requirements. Also, a new spreadsheet, "SCM Planning Tool," has been developed to guide designers in determining if the SCMs will be needed by evaluating the Project types and the Applicability Criteria.

Chapter 9, Energy Dissipator, has been revised to conform to new DM Chapter 12, AOP Design. Energy dissipater types that would hinder AOP have been removed from the guidance.

Also, the drainage manual table of contents has been updated to reflect the new and revised chapters.

The new and revised drainage manual chapters 9, 12 & 13 can be found on the TDOT's website:

<https://www.tn.gov/tdot/state-engineering-technical-training/production-support/design-standards/drainage-manual.html>



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JKL: LHC: ARH: DS
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