

# Project #: RES2013-21 – EG1438828

## TDOT Traffic Design Manual

### *Purpose of the Project*

The Update of the TDOT Traffic Design Manual project is focused on reviewing all information regarding Traffic Signals Standards and Specifications, as well as developing new Traffic Signals Guidelines to be used by practitioners across the State. The project is also aimed at updating, to federal standards, the Intelligent Transportation Systems information available in the subject manual.

### *Scope and Significance of the Project*

It is very important for TDOT to make current and detailed documentation available to agency designers, consultants and city/county administrators in an effort to provide better operations and maintenance of traffic signal control devices. The manual update consists of a comprehensive review of available standards and guidelines related to the design, operation and maintenance of traffic signals. In addition to that, the revision of the Intelligent Transportation Systems chapter provide agencies with relevant and consistent information on policies, guidelines and standard procedures related to Intelligent Transportation Systems, Systems Engineering Analysis, Project Stage Diagrams and Device Procurement. The following are the specific project tasks.

- Task 1 – Update of Chapter 1 – Introduction
- Task 2 – Update of Chapter 2 – Project Development
- Task 3 – Update of Chapter 3 – Need for Traffic Signals
- Task 4 – Update of Chapter 4 – Traffic Signal Design
- Task 5 – Update of Chapter 5 – Other Types of Traffic Signals
- Task 6 – Update of Chapter 8 – Intelligent Transportation Systems
- Task 7 – Development of Inspection Guidelines
- Task 8 – Development of Maintenance Guidelines
- Task 9 – Development of Flashing Yellow Arrow for Permissive Left Turns Guidelines
- Task 10 – Update of TDOT 730 Traffic Signals Specifications
- Task 11 – Update of the Glossary
- Task 12 – Update of the Table of Contents

### *Time Periods and Status of the Projects*

The agreement period for the project is from September 1, 2013 to August 31, 2018

Task 6 – FINISHED – ITS Project Development Guidelines 2016 Edition and required ITS documentation - <https://www.tn.gov/tdot/topic/its-project-development>

Tasks 1,2,3,4,5,7,8,9,11 and 12 – Under TDOT review.

Task 10 – Under development.

### *Contact Information*

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