## NORTH CAROLINA TURNPIKE AUTHORITY Complete 540 ITS and AET Concept Plans

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ITS & AET Concept Plan Sheets

## **Abbreviations**

AET - All-Electronic Tolling

**CCTV - Closed-Circuit Television** 

C/L - Centerline

DMS - Dynamic Message Sign

EOP - Edge of Pavement

EQ - Equal Distance

FON - Fiber Optic Network

(includes conduit, fiber, boxes, etc.)

GFI - Ground Fault Interrupter

ITS - Intelligent Transportation Systems

LD - Lowering Device

LPS - Lightning Protection System

MVD - Microwave Vehicle Detector

NEC - National Electrical Code

NEMA - National Electrical Manufacturers Association

RFP - Request for Proposals

R/W - Right-of-Way

RWIS - Roadside Weather Information System

SOW - Scope of Work

SPD - Surge Protection Device

TYP - Typical

**UL - Underwriters Laboratories** 

**UPS - Uninterruptable Power Supply** 



All design and installation shall conform to the latest published edition/version of the NCDOT Standard Specifications, Roadway Standard Drawings, and, as applicable, the NFPA 70 (NEC) and UL standards.













