STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	33879.2.91	ITS-1

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" ROADWAY DESIGN UNIT – N.C. DEPARTMENT OF TRANSPORTATION – RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
862.01	GUARDRAIL PLACEMENT
862.02	GUARDRAIL INSTALLATION
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUM
1135.01	CONES
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1180.01	SKINNY – DRUM
1261.01	GUARDRAIL AND BARRIER DELINEATORS – INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS – TYPES AND MOUNTING
1262.01	GUARDRAIL AND DELINEATION
1700.01	ELECTRICAL SERVICE OPTIONS
1715.01	UNDERGROUND CONDUIT
1716.01	JUNCTION BOXES
1725.01	INDUCTIVE DETECTIVE LOOPS
1740.01	METAL POLES
1742.01	METAL POLE FOUNDATIONS
1751.01	CONTROLLERS AND CABINETS – ELECTRICAL SERVICE GROUNDING
1751.02	CONTROLLERS AND CABINETS – ELECTRICAL SERVICE DETAILS
1752.01	CONTROLLERS AND CABINETS – POWER, GROUND AND AUXILIARY POWER SYSTEMS

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SURRY COUNTY

PLANS FOR PROPOSED

I–77 NORTHBOUND WEIGH STATION UPGRADE

THIS PROJECT CONSISTS OF FURNISHING AND INSTALLING EQUIPMENT AND MATERIALS FOR THE INSTALLATION OF A WEIGH IN MOTION SYSTEM, TRUCK BYPASS SYSTEM, TIRE MONITORING SYSTEM, AUTOMATED LICENSE PLATE READER, AND IMAGE CAPTURE CAMERA NEAR MT. AIRY, NORTH CAROLINA. RELATED MATERIALS CONSIST OF LOCAL CABINETS AND CONTROLLERS, WEIGH IN MOTION SENSORS, ALPR CAMERAS, SOFTWARE, INFRARED ILLUMINATORS, CMS, TMS SENSORS, DATABASE INTERFACE, METAL POLES, METAL POLES WITH MAST ARMS, METAL POLE FOUNDATION, IMAGE CAPTURE CAMERA ASSEMBLY, AND GUARDRAIL.

WBS: 33879.2.91

2017 ITD

INDEX OF PLANS

SHEET NUMBER	LOCATION / DESCRIPTION
ITS 1	TITLE SHEET
ITS 2	LEGEND, GENERAL NOTES, AND ABBREVIATIONS
ITS 3	CONSTRUCTION NOTES
ITS 4	PROJECT AREA OVERVIEW
ITS 5–9	COMMUNICATIONS CABLE AND CONDUIT ROUTING
ITS 10	ADVANCE LOCATION AND WIM DETAIL
ITS 11	IMAGE CAPTURE CCTV, TRANSPONDER READER, ALPR SYSTEM, AND GUARDRAIL
ITS 12	CLASSIFICATION LOCATION DETAIL
ITS 13	NOTIFICATION LOCATION, AVI READER, AND CHANGEABLE MESSAGE SIGNS
ITS 14	COMPLIANCE LOCATION DETAIL
ITS 15	METAL POLE WITH MAST ARM
ITS 16	SPLICE DETAILS
ITS 17	SYSTEM SORT DECISION DATA FLOW
M 1–5	METAL POLE STANDARDS
SGN 1–7	SIGNING PLANS

2018 STANDARD SPECIFICATIONS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NCDOT CONTACTS:
TRANSPORTATION MOBILITY AND SAFETY

MEREDITH MCDIARMID, P.E.
STATE TRANSPORTATION SYSTEMS MANAGEMENT
& OPERATIONS ENGINEER

Prepared in the Offices of:

750 N. Greenfield Pkwy., Garner, NC 27529

ENGLISH

ALL DIMENSIONS IN THESE PLANS ARE IN FEET UNLESS OTHERWISE NOTED

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 032108 ENGINEER AUREF ASLAMI

DocuSigned by: Aurif Aslami, P.E
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SIGNATURE

1/9/2020
DATE