

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

<u>STD. NO.</u>	<u>TITLE</u>
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1170.01	POSITIVE PROTECTION
1180.01	SKINNY-DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMP
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING

MANAGEMENT STRATEGIES

THE SCOPE OF THIS PROJECT IS TO REHABILITATE 8 BRIDGE DECKS ON I-40 AND TO PERFORM BRIDGE STRUCTURAL REPAIRS AND PAINTING ON 11 BRIDGES INCLUDING THE 8 ABOVE. 9 OF THE 11 BRIDGES WILL IMPACT TRAFFIC ON ROADS RUNNING UNDER I-40. THE OTHER 2 BRIDGES SPAN THE PIGEON RIVER AND TRAFFIC ALONG I-40 MAY BE IMPACTED TO ALLOW THE CONTRACTOR ACCESS BELOW THE BRIDGE.

FOR THE BRIDGE DECK REHAB PORTION OF THIS PROJECT TRAFFIC WILL BE PLACED IN A ONE LANE PATTERN FOR I-40 EASTBOUND AND WESTBOUND TRAFFIC WHICH REQUIRES TRAFFIC BE SHIFTED AND PLACED IN CONTINUOUS LANE CLOSURES. PRIOR TO SHIFTING TRAFFIC THE PAVED SHOULDERS APPROACHING EACH BRIDGE WILL REQUIRE REMOVAL OF THE EXISTING RUMBLE STRIPS AND POSSIBLY IMPROVE THE PAVEMENT TO HANDLE THE SHIFTED TRAFFIC. ALL WORK WILL BE CONDUCTED BEHIND PORTABLE CONCRETE BARRIER. AN ICT IS REQUIRED WHICH WILL PROHIBIT LANE CLOSURES ON I-40 WITHIN SPECIFIC TIME PERIODS.

RESURFACING OF THE ROADWAY BETWEEN SAME BRIDGES ON I-40 WILL BE PERFORMED AFTER BRIDGE DECK REHABILITATION WORK.

FOR THE BRIDGE REPAIRS AND PAINTING UNDER I-40 ALL OF THE ROADS UNDER I-40 WILL BE PLACED IN 1 LANE, 2 WAY TRAFFIC PATTERNS UTILIZING PORTABLE SIGNALS.

FOR THE BRIDGES OVER THE PIGEON RIVER THE BRIDGE STRUCTURAL REPAIRS AND PAINTING MAY REQUIRE A SHOULDER CLOSURES AND ALLOWING ACCESS THROUGH THE EXISTING MEDIAN GUARDRAIL.

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- NORTH ARROW
- WORK AREA

SIGNALS

- P
- O
- R
- T

TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)
- CONE
- DRUM SKINNY DRUM
- TEMPORARY CRASH CUSHION
- FLASHING ARROW BOARD
- FLAGGER
- LAW ENFORCEMENT
- TRUCK MOUNTED ATTENUATOR (TMA)
- CHANGEABLE MESSAGE SIGN

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

APPROVED: <small>079C18E8AD84427</small> DATE: 3/1/2016			ROADWAY STANDARD DRAWINGS, MANAGEMENT STRATEGIES & LEGEND
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

2/29/2016
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