

PHASING

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 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE ADVANCED WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
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	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1165.01	TRUCK MOUNTED ATTENUATOR

PHASE I

OBJECTIVE: PERFORM BEARING REPLACEMENTS AND SUBSTRUCTURE CONCRETE REPAIRS WITH ACCESS FROM ALL AMERICAN FREEWAY UNDERNEATH THE BRIDGE UTILIZING NIGHTLY SHOULDER CLOSURES.

STEP 1: INSTALL WORK ZONE ADVANCE WARNING SIGNING IN ACCORDANCE WITH STANDARD DRAWING 1101.01 ON ALL ROADS AS FIRST STEP OF WORK.

STEP 2: USING SHOULDER CLOSURES, COMPLETE BEARING REPLACEMENTS AND SUBSTRUCTURE CONCRETE REPAIRS UNDERNEATH THE PROJECT BRIDGE.

PHASE II

OBJECTIVE: PERFORM BRIDGE DECK REHABILITATION, INCLUDING DECK OVERLAY, GROOVING, CURB&GUTTER REPLACEMENT, MILLING & RESURFACING AT APPROACHES, AND PAVEMENT MARKINGS FOR US 401 SKIBO ROAD UTILIZING NIGHTLY LANE CLOSURES. SEE PHASE II TYPICAL SECTIONS ON TMP-02 FOR ALL STEPS. PLACE FAST DRY PAINT AT EXISTING LANE LINES FOR ALL STEPS AS TEMPORARY PAINT.

CONTRACTOR MAY PERFORM PHASE II STEPS IN ANY ORDER, CONTINGENT ON APPROVAL FROM THE DIVISION. PHASE I MUST COME BEFORE PHASE II.

INTERMEDIATE CONTRACT TIME:
COMPLETE THE WORK REQUIRED OF PHASE II, STEPS 1 THRU 4 USING NIGHTLY LANE CLOSURES. THIS WORK IS REQUIRED TO BE COMPLETED WITHIN 19 CONSECUTIVE CALENDAR DAYS.

STEP 1: SEE PHASE II US 401 TYPICAL SECTION NO. 1 ON TMP-02

USE ROADWAY STANDARD DRAWING NO. 1101.02, CLOSE SOUTHBOUND SIDEWALK, AND OUTSIDE TWO SOUTHBOUND THROUGH LANES. ONE LANE OF SOUTHBOUND THROUGH TRAFFIC AND THE LEFT TURN FOR ALL AMERICAN FREEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES.

CONTRACTOR SHALL BE REQUIRED TO PROVIDE PEDESTRIAN TRANSPORT SERVICE FOR SIDEWALK CLOSURE IN THIS STEP.

STEP 2: SEE PHASE II US 401 TYPICAL SECTION NO. 2 ON TMP-02

USE ROADWAY STANDARD DRAWING NO. 1101.02, CLOSE INSIDE SOUTHBOUND THROUGH LANE AND CLOSE FLUSH PAINTED MEDIAN. ONE LANE OF SOUTHBOUND OUTSIDE THROUGH TRAFFIC AND THE LEFT TURN FOR ALL AMERICAN FREEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES. PROVIDE CHANNELIZED LEFT TURN TAPER FOR ALL AMERICAN FREEWAY ACCESS USING PORTABLE DRUMS.

STEP 3: SEE PHASE II US 401 TYPICAL SECTION NO. 3 ON TMP-02

USE ROADWAY STANDARD DRAWING NO. 1101.02, CLOSE INSIDE TWO NORTHBOUND THROUGH LANES. ONE LANE OF NORTHBOUND OUTSIDE THROUGH TRAFFIC AND THE NORTHBOUND LOOP FOR ALL AMERICAN FREEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES.

STEP 4: SEE PHASE II US 401 TYPICAL SECTION NO. 4 ON TMP-02
SEE OFF-SITE LOOP DETOUR ON TMP-04

USE ROADWAY STANDARD DRAWING NO. 1101.02, CLOSE OUTSIDE NORTHBOUND THROUGH LANE, CLOSE SIDEWALK, AND CLOSE/DETOUR NORTHBOUND LOOP ENTRANCE LANE. TWO LANES OF NORTHBOUND INSIDE THROUGH TRAFFIC MUST BE MAINTAINED AT ALL TIMES.

CONTRACTOR SHALL BE REQUIRED TO PROVIDE PEDESTRIAN TRANSPORT SERVICE FOR SIDEWALK CLOSURE IN THIS STEP.

PHASE III

OBJECTIVE: PERFORM BRIDGE GIRDER PAINTING UTILIZING ACCESS FROM ALL AMERICAN FREEWAY UNDERNEATH THE BRIDGE WITH NIGHTLY LANE CLOSURES.

SEE PHASE III TYPICAL SECTIONS ON TMP-03 FOR ALL STEPS

CONTRACTOR MAY PERFORM PHASE III STEPS IN ANY ORDER, CONTINGENT ON APPROVAL FROM THE DIVISION.

STEP 1: SEE PHASE III ALL AMERICAN FREEWAY TYPICAL SECTION NO. 1 ON TMP-03
SEE OFF-SITE LOOP DETOUR ON TMP-04

USE ROADWAY STANDARD DRAWING NO. 1101.02 AND CLOSE THE WESTBOUND OUTSIDE THROUGH LANE OF ALL AMERICAN FREEWAY. ONE LANE OF WESTBOUND INSIDE THROUGH TRAFFIC MUST BE MAINTAINED AT ALL TIMES.

CLOSE/DETOUR THE LOOP ENTRANCE LANE ONTO WESTBOUND ALL AMERICAN FREEWAY.

STEP 2: SEE PHASE III ALL AMERICAN FREEWAY TYPICAL SECTION NO. 2 ON TMP-03

USE ROADWAY STANDARD DRAWING NO. 1101.02 AND CLOSE THE WESTBOUND INSIDE THROUGH LANE OF ALL AMERICAN FREEWAY. ONE LANE OF WESTBOUND OUTSIDE THROUGH TRAFFIC MUST BE MAINTAINED AT ALL TIMES. THE LOOP ENTRANCE LANE ONTO WESTBOUND ALL AMERICAN FREEWAY MUST BE MAINTAINED AT ALL TIMES.

PERFORM REPAIRS UNDERNEATH THE BRIDGE FROM THE MEDIAN AREA.

STEP 3: SEE PHASE III ALL AMERICAN FREEWAY TYPICAL SECTION NO. 3 ON TMP-03

USE ROADWAY STANDARD DRAWING NO. 1101.02 AND CLOSE THE EASTBOUND INSIDE THROUGH LANE OF ALL AMERICAN FREEWAY. ONE LANE OF EASTBOUND OUTSIDE THROUGH TRAFFIC MUST BE MAINTAINED AT ALL TIMES. THE LOOP EXIT LANE ONTO US 401 SKIBO ROAD MUST BE MAINTAINED AT ALL TIMES.

PERFORM REPAIRS UNDERNEATH THE BRIDGE FROM THE MEDIAN AREA.

STEP 4: SEE PHASE III ALL AMERICAN FREEWAY TYPICAL SECTION NO. 4 ON TMP-03
SEE OFF-SITE LOOP DETOUR ON TMP-05

USE ROADWAY STANDARD DRAWING NO. 1101.02 AND CLOSE THE EASTBOUND OUTSIDE THROUGH LANE OF ALL AMERICAN FREEWAY. ONE LANE OF EASTBOUND INSIDE THROUGH TRAFFIC MUST BE MAINTAINED AT ALL TIMES.

CLOSE/DETOUR THE LOOP EXIT LANE ONTO US 401 SKIBO ROAD.

LEGEND

GENERAL

DIRECTION OF TRAFFIC FLOW

EXIST. PVMT.

NORTH ARROW

PROPOSED PVMT.

STAGING AREA

TRAFFIC CONTROL DEVICES

BARRICADE (TYPE III)

DRUM

CONE

FLASHING ARROW BOARD

FLAGGER

CHANGEABLE MESSAGE SIGN

PORTABLE CONCRETE BARRIER

TRUCK MOUNTED IMPACT ATTENUATOR

TRAFFIC SIGNALS

EXISTING SIGNAL

TEMPORARY SIGNING

PORTABLE SIGN

STATIONARY SIGN

PAVEMENT MARKINGS

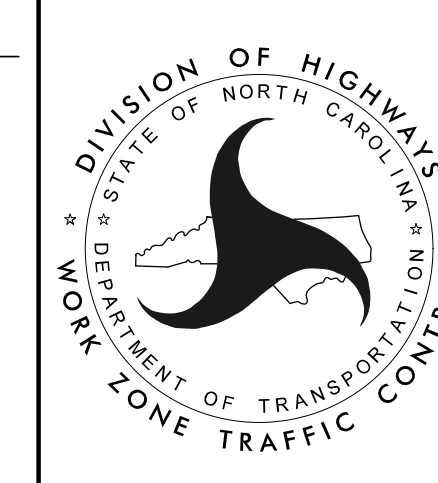
EXISTING LINES

TEMPORARY LINES

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

PLANS PREPARED BY:
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APPROVED:
DATE: 12/3/2021



ROADWAY STANDARD
DRAWINGS
&
TRAFFIC CONTROL
PHASING

\$\$\$\$\$ SYSTEMS \$\$\$
\$\$\$\$\$ USER NAME \$\$\$