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Macon County
Bridge #550180

PROJ. REFERENCE NO.	SHEET NO.
17BP.14.R.208	TMP-2

TGS ENGINEERS
804-C N. LAFAYETTE ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

PHASING

NOTE: UNLESS OTHERWISE STATED ACCESS TO LOCAL DRIVES MUST BE MAINTAINED AT ALL TIMES.

PHASE I:

STEP 1:

PLACE ALL ADVANCED WORK WARNING SIGNS IN ACCORDANCE TO NCDOT RDWY. STD. 1101.01, SHT. 3 OF 3.

STEP 2:

USING TEMPORARY LANE CLOSURES AND FLAGGERS, AS NEEDED, INSTALL PORTABLE TRAFFIC SIGNALS, AND INSTALL THE APPROPRIATE SIGNAGE.
(SEE TMP- 3 AND RDWY. STD. 1101.02, SHT 1 OF 14).

STEP 3:

AFTER ACTIVATING THE TEMPORARY TRAFFIC SIGNAL AND OPENING TRAFFIC IN A ONE-LANE TWO-WAY PATTERN INSTALL TEMPORARY GUARDRAIL ONTO THE EXISTING BRIDGE.
(SEE TMP-3 AND STRUCTURE PLANS).

PLACE TEMPORARY SHORING AS NEEDED AND REMOVE A SECTION OF THE EXISTING BRIDGE.
(SEE TMP-3 AND STRUCTURE PLANS).

CONSTRUCT THE FIRST SECTION OF THE PROPOSED STRUCTURE FROM -L- STA. 12+93.70 TO 13+46.30, INCLUDING THE BITUMINIOUS CONCRETE OVERLAY. (SEE TMP-3)

CONSTRUCT THE FOLLOWING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE:
-L- STA. 11+80 TO 12+93.70 (BEGIN BRIDGE)
-L- STA. 13+46.30(END BRIDGE) TO 14+90. (SEE TMP-3)
-Y- STA. 10+11.59 TO 11+20

INSTALL TEMPORARY GUARDRAIL ONTO THE PROPOSED BRIDGE. (INSTALL ANCHOR SECTION JUST PRIOR TO OPENING TO TRAFFIC.)
SEE TMP-3 AND STRUCTURE PLANS).

PHASE II:

STEP 1:

REVISE SIGNAGE AS NECESSARY TO SHIFT ALL TRAFFIC TO THE BRIDGE CONSTRUCTED IN PHASE 1.
(SEE TMP- 4 AND RDWY. STD. 1101.02, SHT 1 OF 14).

STEP 2:

SHIFT TRAFFIC IN A ONE-LANE TWO-WAY PATTERN ONTO THE NEW BRIDGE.

REMOVE THE REMAINING SECTION OF THE EXISTING BRIDGE. (SEE TMP-4 AND STRUCTURE PLANS).

CONSTRUCT THE SECOND SECTION OF THE PROPOSED STRUCTURE FROM -L- STA. 12+93.70 TO 13+46.30 INCLUDING THE BITUMINIOUS CONCRETE OVERLAY.

CONSTRUCT THE FOLLOWING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE:
-L- STA. 11+80 TO 12+93.70(BEGIN BRIDGE)
-L- 13+46.30 (END BRIDGE) TO 14+90 (SEE TMP-4).

USING TEMPORARY LANE CLOSURES AND FLAGGERS, AS NEEDED, CONSTRUCT SUGAR COVE RD FORM -Y- STA. 10+11.59 TO -Y- STA. 11+20.

REMOVE THE TEMPORARY GUARDRAIL. (SEE TMP-4 AND STRUCTURE PLANS)

PHASE III

STEP 1:

DEACTIVATE THE TEMPORARY TRAFFIC SIGNALS, REMOVE ALL SIGNAGE, AND PLACE THE TRAFFIC IN ITS ORIGINAL PATTERN.
USING LANE CLOSURES AND FLAGGERS AS NEEDED PLACE THE FINAL LAYER OF SURFACE COURSE:
-L- STA 11+80 TO 12+93.70 (BEGIN BRIDGE)
-L- STA 13+46.30 (END BRIDGE) TO 14+90
-Y- STA 10+11.59 TO -Y- STA 11+20

STEP 2:

USING TEMPORARY LANE CLOSURES AND FLAGGERS AS NEEDED INSTALL THE FINAL PAVEMENT MARKINGS AS SHOWN ON THE PAVEMENT MARKING PLANS.
(SEE PMP-1, PMP-2 AND NCDOT RDWY. STD. 1101.02, SHT 1 OF 14).

REMOVE ALL TRAFFIC CONTROL DEVICES.

APPROVED: _____

DATE: _____

NORTH CAROLINA PROFESSIONAL SEAL 35018 ENGINEER JIMMY L. TERRY

8/7/2019

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION * WORK ZONE TRAFFIC CONTROL

PHASING

8/7/2019
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User:smelvin