


PROJ. REFERENCE NO.	SHEET NO.
15614.1075010	TMP-02
 TGS ENGINEERS 804-C N. LAFAYETTE ST SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

## PHASING

NOTE: THE CONTRACTOR MAY ELECT TO PERFORM SOME OF THE WORK AT NIGHT.

NOTE: UNLESS OTHERWISE NOTED I-26 WB TRAFFIC SHOULD BE MAINTAINED ON TWO LANES AT ALL TIMES.

BEFORE BEGIN OF CONSTRUCTION PLACE A CHANGEABLE MESSAGE SIGN ALONG I-26 WB ADVISING THE TRUCK TRAFFIC TO REMAIN ON THE MOST OUTSIDE LANE DURING ALL TIMES. LOCATION OF THE MESSAGE SIGN TO BE DETERMINED BY THE ENGINEER.

### PHASE I

STEP 1 :

INSTALL ALL ADVANCED WARNING SIGNS ON I-26 ACCORDING TO NCDOT STD DRAWING 1101.01, SHEET 1 OF 3.

STEP 2 (TMP-3):

USING TEMPORARY LANE CLOSURES IN ACCORDANCE WITH NCDOT STD DRAWING 1101.02, SHEET 4 OF 14, PLACE TEMPORARY PORTABLE CONCRETE BARRIER, IMPACT ATTENUATOR, AND DRUMS ALONG I-26EB AS SHOWN ON PLANS.

BEGIN CONSTRUCTION OF DRAINAGE STRUCTURES AND PIPE INSTALLATION ALONG I-26 EASTBOUND LANES AND HOWARD GAP RD (SEE ROADWAY PLANS FOR DRAINAGE LAYOUT AND DETAILS).

INSTALL SHOULDER BERM GUTTER FROM I-26 STA 451+00 TO 476+00. CONSTRUCT TIE-IN TO EXISTING SHOULDER FROM I-26 STA 450+50 TO 451+00 AND 476+00 TO 477+31+/-.

REMOVE EXISTING GUARDRAIL AND INSTALL NEW GUARDRAIL ALONG SHOULDER BERM GUTTER AS SHOWN ON PLANS.

STEP 3(TMP-4):

REDUCING TRAFFIC TO 1 LANE, CLOSE THE OUTSIDE LANE OF I-26EB FROM I-26 STA 450+00+/- TO 499+75+/-.

REMOVE THE TEMPORARY PORTABLE CONCRETE BARRIER AND IMPACT ATTENUATOR.

COMPLETE THE PAVED SHOULDER INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM I-26 STA 450+50+/- TO 477+31+/-, LT.

INSTALL MILLED RUMBLE STRIPS FROM I-26 450+50+/- TO 477+31+/-, LT.

### PHASE II

NOTE: THE CONTRACTOR MAY DECIDE TO WORK TO INSTALL THE DRAINAGE SYSTEM AT I-26 STA 416+14+/- CONCURRENTLY WITH WORK DESCRIBED IN PHASE 2, STEPS 2 AND 2A.

STEP 1 (SEE TMP-5):

USING TEMPORARY LANE CLOSURES IN ACCORDANCE WITH NCDOT STD DRAWING 1101.02, SHEET 4 OF 14 PLACE TEMPORARY PORTABLE CONCRETE BARRIER AND IMPACT ATTENUATOR ALONG I-26WB AS SHOWN ON PLANS.

CONSTRUCT THE DRAINAGE SYSTEM AT I-26 STA 416+14+/- (SEE ROADWAY PLANS FOR DRAINAGE LAYOUT.)

STEP 2 (SEE TMP-5):

USING TEMPORARY LANE CLOSURES IN ACCORDANCE WITH NCDOT STD DRAWING 1101.02, SHEET 4 OF 14, INSTALL TEMPORARY PORTABLE CONCRETE BARRIER (TPCB) AND TEMPORARY CRASH CUSHION ALONG THE I-26 WB LANES FROM I-26 STA 448+90+/- TO 483+65+/- . PLACE DRUMS FROM I26WB 483+65+/- TO 498+25+/-.

WIDEN THE EXISTING PAVED SHOULDER UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM I-26 STA 450+40+/- TO 482+65+/-, RT.

CONSTRUCT THE ADJACENT CONCRETE DITCH.

CONSTRUCT THE PROPOSED ACCESS DRIVES FOR FOREBAYS #1 TO # 5.

CONSTRUCT FOREBAYS #1 TO #5

USING TEMPORARY LANE CLOSURES IN ACCORDANCE WITH NCDOT STD DRAWING 1101.02, SHEET 4 OF 14, AS NEEDED, INSTALL DRAINAGE STRUCTURES 0520 & 0605 AT THE EASTBOUND OUTSIDE SHOULDER, USING TRENCHLESS CONSTRUCTION INSTALL THE CROSS PIPES AT I-26 STA 451+17+/-, 452+88+/-, AND 463+18+/-.

CONSTRUCT THE DRAINAGE STRUCTURES ALONG THE WESTBOUND SHOULDER AS INSTRUCTED BY THE ENGINEER. (SEE ROADWAY PLANS FOR DRAINAGE LAYOUT AND DETAILS).

STEP 2A (SEE TMP 6):

WHILE WORKING ON PHASE 2, STEP 2 THE CONTRACTOR SHALL WORK IN A CONTINUOUS MATTER TO COMPLETE THE WORK DESCRIBED IN PHASE 2, STEP 2A IN FIVE CONSECUTIVE DAYS PER ICT #2.

USING DRUMS AND OTHER APPROPRIATE DEVICES, DEPLOY THE DYNAMIC ZIPPER MERGE SYSTEM AND CLOSE BOTH THE WESTBOUND AND EASTBOUND INTERIOR LANES TO TRAFFIC (SEE SPECIAL PROVISIONS AND TMP-2A FOR ADDITIONAL INFORMATION).  
 CUT THE EXISTING CONCRETE MEDIAN CONCRETE BARRIER.  
 INSTALL DRAINAGE STRUCTURE 0521  
 RECONSTRUCT CONCRETE MEDIAN BARRIER.

REMOVE THE DYNAMIC ZIPPER MERGE SYSTEM AND OTHER APPROPRIATE DEVICES AND OPEN TRAFFIC BACK TO EXISTING PATTERN.

STEP 3 (SEE TMP-7):

KEEPING TRAFFIC ON 2 LANES, CLOSE THE OUTSIDE LANE OF I-26WB FROM ITS BEGIN AT APPROX MILEMARKER 65 TO I-26 STA 498+65+/-.

COVER THE "TRUCK LANE 500 FEET" SIGN.

REMOVE THE TEMPORARY PORTABLE CONCRETE BARRIER AND TEMPORARY CRASH CUSHION PLACED IN PHASE II, STEP 1 & 2.

COMPLETE THE PAVED SHOULDER BY PLACING THE FINAL LAYER OF SURFACE COURSE FROM I-26 STA 450+40+/- TO 482+65+/-, RT.

INSTALL MILLED RUMBLE STRIPS FROM I-26 450+40+/- TO 482+65+/-, RT.

STEP 4:

REMOVE DRUMS ALONG I-26 WB, UNCOVER "TRUCK LANE 500 FEET" SIGN, AND OPEN ALL WB-LANE TO TRAFFIC

### PHASE III

STEP 1 (SEE TMP-8):

USING TEMPORARY LANE CLOSURES IN ACCORDANCE WITH NCDOT STD DRAWING 1101.02, SHEET 4 OF 14, PLACE TEMP. PORTABLE MEDIAN BARRIERS, IMPACT ATTENUATORS, AND DRUMS AS SHOWN ON PLANS.

PLACE CONCRETE MEDIAN DITCH FROM I-26 483+95 TO 497+50

INSTALL MEDIAN DRAINAGE SYSTEM. (SEE ROADWAY PLANS FOR DRAINAGE LAYOUT AND DETAILS)

REMOVE EXISTING GUARDRAIL AND INSTALL PROPOSED GUARDRAIL ALONG BOTH THE WESTBOUND AND EASTBOUND MEDIAN FROM I-26 483+19 TO 497+50

CONSTRUCT THE INSIDE SHOULDERS UP TO AND INCLUDING THE FINAL LAYER OF SURFACE FROM I-26 483+19 TO 497+50

INSTALL MILLED RUMBLE STRIPS ON BOTH MEDIAN SHOULDERS FROM I-26 STA 483+19 TO 497+50

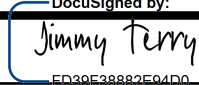
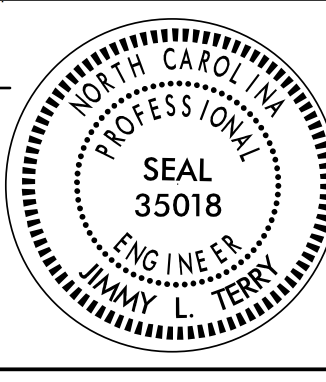

### PHASE IV

USING TEMPORARY LANE CLOSURES IN ACCORDANCE WITH NCDOT STD DRAWING 1101.02, SHEET 4 OF 14, PLACE FINAL PAVEMENT MARKING AS DIRECTED BY THE ENGINEER AND SHOWN ON FINAL PAVEMENT MARKING PLANS.

NOTE: TO ENHANCE SAFETY THE CONTRACTOR SHALL RESTRIP ALL MARKINGS , EDGE LINE AND LANE LINES, FROM I-26 STA 450+40+/- TO 497+50+/- TO ASSURE MATCHING RETRO-REFLECTIVITY OF ALL PAVEMENT MARKING.

REMOVE ALL TRAFFIC CONTROL DEVICES AND OPEN ALL LANES TO TRAFFIC.

5/12/2021 11:26 Howard Gap Rd Rehab\TrafficControl\TCPN-I-26-Howard Gap\_TC\_TMP\_02(PHASING).dgn User:tcpruett

APPROVED:  DATE: 5/12/2021  SEAL			<b>TRAFFIC CONTROL PHASING</b>
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>			