


PHASING



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PROJ. REFERENCE NO.	SHEET NO.
U-2519BB	TMP-3

PHASE I

- NOTES: - ALL PROPOSED ASPHALT CONSTRUCTION FROM PHASE I THROUGH PHASE III IS UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE.
- COORDINATE CONSTRUCTION ACTIVITIES WITH ADJACENT PROJECT U-2519BA CONSTRUCTION TO ENSURE CONTINUED SAFETY THROUGH THE WORK ZONE.
 - AVAILABILITY OF CONSTRUCTION ALONG STONEY POINT ROAD CORRIDOR BEGINS UPON COMPLETION OF WORK OF PIEDMONT NATURAL GAS (GAS) DISTRIBUTION IN THE STONEY POINT ROAD CORRIDOR (SEE UBO PROJECT SPECIAL PROVISIONS).

STEP 1

INSTALL WORK ZONE ADVANCE WARNING SIGNS ON BAREFOOT RD., STONEY POINT RD., STRICKLAND BRIDGE RD. AND CENTURY CIRCLE.

STEP 2

AWAY FROM TRAFFIC, BEGIN PROPOSED CONSTRUCTION AT THE FOLLOWING LOCATIONS (SEE SHEETS TMP-4 THRU TMP-11):

- L- STA 519+00 TO STA 542+50±
 - L- STA 544+50± TO STA 562+50±
 - L- STA 566+00± TO STA 604+39
 - Y17RPA- FROM -L- TO -Y17RPA- STA 12+85±
 - Y17RPA- FROM STA 16+00± TO -Y17-
 - Y17RPB- FROM -L- TO -Y17RPB- STA 27+00±
 - Y17RPB- FROM STA 29+00± TO -Y17-
 - Y17RPC- FROM -L- TO -Y17RPC- STA 19+50±
 - Y17RPC- FROM STA 26+00± TO -Y17-
 - Y17RPD- FROM -L- TO -Y17RPD- STA 13+05±
 - Y17RPD- FROM STA 17+00± TO -Y17-
 - Y17- STA 21+00± TO STA 43+00±
 - Y17- STA 46+00± TO STA 67+50±
 - Y17- STA 70+00± TO STA 99+00±(INCL. PROP. STRUCTURE)
 - Y19- STA 31+00± TO STA 35+90±
 - SR1-
 - SR2-
- TRAFFIC SIGNALS AT -Y17- RAMP TERMINALS (KEEP DEACTIVATED)
TRAFFIC SIGNAL AT -Y17-/-Y19- INTERSECTION (KEEP DEACTIVATED)

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 14), BEGIN CONSTRUCTION OF THE FOLLOWING (SEE SHEET TMP-9):

- DR1- (INCL. PORTION OF 72" PIPE, #0546)
- Y18- TURNOUT AT STA 36+00±

USING RSD 1101.02 (SHEET 1 OF 14), CONSTRUCT TEMPORARY PAVEMENT WIDENING ALONG LEFT SIDE OF EXISTING STONEY POINT RD. FROM -Y16REV- STA 49+20± TO STA 54+00± . PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT TRAFFIC AS SHOWN (SEE SHEET TMP-5).

USING RSD 1101.02 (SHEET 1 OF 14), INSTALL PORTABLE CONCRETE BARRIER (PCB) AND TEMPORARY SHORING AT 36" & 48" PIPE LOCATIONS ALONG RIGHT SIDE OF -Y16REV- (SEE SHEET TMP-5).

USING RSD 1101.02 (SHEET 1 OF 14), CONSTRUCT PROPOSED WIDENING ALONG RIGHT SIDE OF -Y16REV- FROM -Y16- STA 45+20± TO STA 62+50±. WEDGE PAVEMENT ALONG EXISTING, AS NECESSARY (SEE SHEETS TMP-5 & 6)(SEE LOCAL NOTE 1).

USING RSD 1101.02 (SHEET 1 OF 14), CONSTRUCT TEMPORARY PAVEMENT WIDENING ALONG RIGHT SIDE OF -Y16REV- FROM -Y16REV- STA 45+00± TO STA 47+66± FOR STEP 3 TRAFFIC SHIFT (SEE SHEETS TMP-5 & TMP-6) (SEE LOCAL NOTE 1).

STEP 3

INSTALL PCB FOR STEP 3 TRAFFIC PATTERN ALONG -Y16REV-. USING RSD 1101.02 (SHEET 1 OF 14), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT -Y16REV- TRAFFIC TO RIGHT SIDE ONTO STEP 2 PROPOSED & TEMPORARY PAVEMENT WIDENING. (SEE SHEETS TMP-12 & TMP-13).

USING RSD 1101.02 (SHEET 1 OF 14) AND BEHIND BARRIER, BEGIN CONSTRUCTION OF PROPOSED WIDENING ALONG LEFT SIDE OF -Y16REV- FROM STA 45+20± TO STA 62+50± AND INTERSECTION WITH -Y17-. WEDGE PAVEMENT ALONG EXISTING, AS NECESSARY. COMPLETE INSTALLATION OF 36" & 48" PIPES. (SEE SHEETS TMP-12 & 13) (SEE LOCAL NOTE 1).

COMPLETE CONSTRUCTION OF THE FOLLOWING BEGUN IN PHASE I, STEP 2:

- Y17- FROM STA 46+00± TO STA 62+30±
- SR1-
- SR2-
- DR1- (INCL. PORTION OF 72" PIPE, #0546)
- Y18- TURNOUT AT STA 36+00±

PHASE II

WORK IN PHASE II, STEP 1 AND PHASE II, STEP 2 MAY BE PERFORMED SIMULTANEOUSLY. COORDINATE WORK IN PHASE II, STEP 1 AND PHASE II, STEP 2 TO MINIMIZE THE TIME BETWEEN THE STRICKLAND BRIDGE RD. CLOSURE IN PHASE II, STEP 2 AND THE OPENING OF THE COMPLETE -Y17- CORRIDOR IN PHASE III, STEP 1.

STEP 1

USING RSD 1101.02 (SHEET 1 OF 14), REMOVE PHASE I PCB ON -Y16REV- AT PIPE INSTALLATIONS. (SEE SHEET TMP-15).

AWAY FROM TRAFFIC, PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND OPEN TO TRAFFIC -Y17- FROM -Y16REV- PHASE I PATTERN TO -SR1-, -SR2-, -DR1-, AND -Y18- TURNOUT AT STA 36+00± TO TRAFFIC (SEE SHEETS TMP-15 & 17 AND FINAL PAVEMENT MARKING PLANS).

USING RSD 1101.02 (SHEET 1 OF 14), CONSTRUCT PROPOSED -Y17- WIDENING OF SR 1139 (BAREFOOT RD.) FROM -Y17- STA 11+10± TO STA 21+00±. WEDGE AS NECESSARY TO MAINTAIN TRAFFIC ON SR 1139 (SEE SHEET TMP-14).

USING RSD 1101.02 (SHEET 1 OF 14), CONSTRUCT PROPOSED -Y17- WIDENING OF SR 1140 (STRICKLAND BRIDGE RD.) AND SR 1104 (CENTURY CIRCLE) FROM -Y17- STA 99+00± TO STA 106+00±. WEDGE AS NECESSARY TO MAINTAIN TRAFFIC ON SR 1140 AND SR 1104 (SEE SHEET TMP-19).

USING RSD 1101.02 (SHEET 1 OF 14), CONSTRUCT THE FOLLOWING PROPOSED (SEE SHEETS TMP-17 & TMP-19):

- Y19- FROM Y19- STA 35+90± TO -Y18-
- DR2- AT -Y18- STA 15+00± AND CUL-DE-SAC

COMPLETE PROPOSED WIDENING ALONG LEFT SIDE OF -Y16REV- FROM STA 45+20± TO STA 62+50± AND INTERSECTION WITH -Y17-. INSTALL PROPOSED TRAFFIC SIGNAL AT -Y16REV-/-Y17- INTERSECTION AND KEEP DEACTIVATED (SEE SHEETS TMP-15 & TMP-16).

COMPLETE CONSTRUCTION BEGUN IN PHASE I. AWAY FROM TRAFFIC PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS ON -Y17- AND -Y19- (SEE FINAL PAVEMENT MARKING PLANS):

- Y17- STA 21+00± TO -Y16REV-
 - Y17- STA 62+30± TO STA 67+50±
 - Y17- STA 70+00± TO STA 99+00±(INCL. PROP. STRUCTURE)
 - Y19- STA 32+00± TO STA 35+90±
- TRAFFIC SIGNALS AT -Y17- RAMP TERMINALS (KEEP DEACTIVATED)
TRAFFIC SIGNAL AT -Y17-/-Y19- INTERSECTION (KEEP DEACTIVATED)

STEP 2

PERMANENTLY CLOSE -Y18- (EXISTING STRICKLAND BRIDGE RD.) FROM -Y18- STA 16+00± TO -DR1- AND DETOUR TRAFFIC USING STONEY POINT ROAD AND CENTURY CIRCLE (SEE SHEETS TMP-2B, 2D, 17 & 18).

AWAY FROM TRAFFIC, CONSTRUCT -Y17- FROM STA 67+50± TO STA 70+00± (SEE SHEET TMP-17).

AWAY FROM TRAFFIC, BEGIN PROPOSED CONSTRUCTION AT THE FOLLOWING LOCATIONS (SEE SHEETS TMP-17 & TMP-18):

- L- STA 542+50± TO STA 544+50±
- Y17RPB- STA 27+00± TO STA 29+00±
- Y17RPC- FROM STA 19+50± TO STA 26+00±, (INCL. REMAINDER OF 72" PIPE, #0546)

PHASE III

IN A CONTINUOUS MANNER, COMPLETE THE WORK IN PHASE III, STEP 1 TO OPEN -Y17-.

STEP 1

USING RSD 1101.02 (SHEET 1 OF 14), WEDGE Y17- TIES TO SR 1139 (BEGIN PROJECT) AND SR 1104 (END PROJECT). PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND OPEN TO TRAFFIC -Y17- FROM STA 11+10 TO STA 106+00 (SEE SHEETS TMP-20 THRU TMP-26 AND FINAL PAVEMENT MARKING PLANS).

USING RSD 1101.02 (SHEET 1 OF 14), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS IN FINAL LOCATIONS AND SHIFT -Y16REV- TRAFFIC INTO OUTSIDE LANES OF FINAL PATTERN AND ACTIVATE TRAFFIC SIGNAL AT INTERSECTION OF -Y16REV- AND -Y17- (SEE SHEETS TMP-21 & TMP-22) (SEE LOCAL NOTE 1).

OPEN -Y19- FROM -Y17- TO -Y18- AND PERMANENTLY CLOSE -Y18- FROM STA 50+00± TO -Y17-. ACTIVATE TRAFFIC SIGNAL AT INTERSECTION OF -Y17- AND -Y19- (SEE SHEET TMP-26).

USING RSD 1101.03 (SHEET 1 OF 9), CLOSE EXISTING SR 1104 (CENTURY CIRCLE) TO TRAFFIC FROM -Y19- STA. 29+00± TO SR 1140 (STRICKLAND BRIDGE RD.) AND DETOUR TRAFFIC ONTO STONEY POINT RD., -Y16- AND -Y17- (SEE SHEETS TMP-2C & D, TMP-26).

STEP 2

USING RSD 1101.02 (SHEET 1 OF 14), INSTALL 2-30" PIPE (#1302) AND CONSTRUCT PROPOSED -Y19- PAVEMENT WIDENING (INCLUDING LEFT SIDE OF 2-30" PIPE #1302) AND WEDGING, WHILE MAINTAINING PROPERTY ACCESSES, FROM -Y19- STA 27+00± TO STA 31+00±(SEE SHEETS TMP-25 & TMP-26).

COMPLETE CONSTRUCTION OF -Y19- STA 31+00± TO STA 32+00± BEGUN IN PHASE I.

USING RSD 1101.02 (SHEET 1 OF 14), CONSTRUCT FINAL SHOULDERS AND SLOPES, WHILE MAINTAINING PROPERTY ACCESSES, AT THE FOLLOWING LOCATIONS (SEE SHEETS TMP-20 & TMP-26):

- Y17- STA 16+00± TO STA 21+00±
- Y17- STA 97+00± TO STA 102+00±

USING FLAGGING, AS NECESSARY, CONSTRUCT CUL-DE-SACS AT -Y17A- STA 19+00± AND -Y18- STA 50+00± AND RESURFACE PAVEMENT ALONG -Y18- (SEE SHEET TMP-26).

STEP 3

AWAY FROM TRAFFIC, PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND OPEN -Y19- FROM STA 29+00± TO -Y17- TO FINAL TRAFFIC PATTERN. REMOVE CENTURY CIRCLE DETOUR (SEE FINAL PAVEMENT MARKING PLANS).

PERMANENTLY CLOSE -Y19- FROM STA. 16+00± TO STA. 21+00± AND CONSTRUCT CUL-DE-SACS ON -Y19- (SEE SHEET TMP-27).

AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING (SEE SHEET TMP-27):

- L- FROM STA 562+50± TO STA 566+00±
- Y17RPA- STA 12+85± TO STA 16+00±
- Y17RPD- STA 13+05± TO STA 17+00±

COMPLETE CONSTRUCTION PREVIOUSLY BEGUN ON -L- AND -Y17RPA-, -Y17RPB-, -Y17RPC- AND -Y17RPD-.

PHASE IV

STEP 1

USING RSD 1101.02 (SHEET 1 OF 14), REMOVE TEMPORARY PAVEMENT ALONG -Y16REV- AND CONSTRUCT PROPOSED ISLANDS.

USING RSD 1101.02 (SHEET 1 OF 14) AND AWAY FROM TRAFFIC, PLACE FINAL LAYER OF SURFACE COURSE AND PLACE FINAL PAVEMENT MARKINGS AND FINAL MARKERS ON ALL ROADS (SEE FINAL PAVEMENT MARKING PLANS).

STEP 2

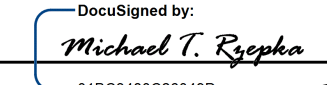
AS DIRECTED BY THE ENGINEER, OPEN -L- AND -Y17- RAMPS TO TRAFFIC. ACTIVATE TRAFFIC SIGNALS AT INTERSECTIONS OF -Y17- AND -Y17- RAMPS.

STEP 3

REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES.

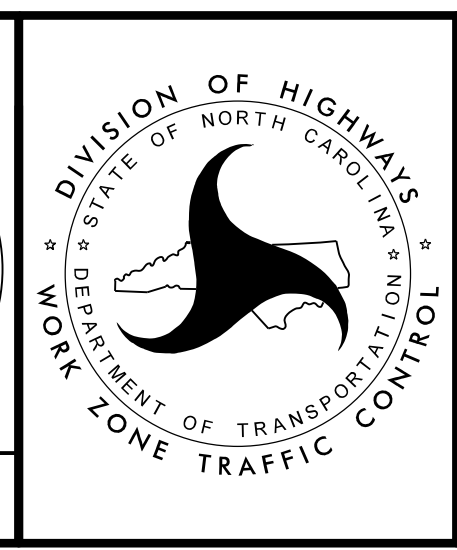
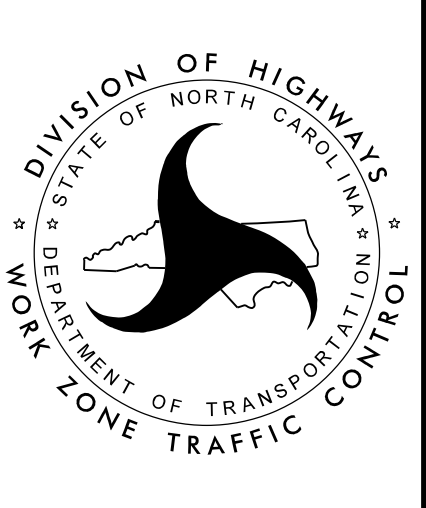
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REVISIONS

APPROVED: 
DATE: 4/11/2022

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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