PROJ. REFERENCE NO.	SHEET NO.
B-3626	TCP-3

PHASING

NOTES: MAINTAIN VEHICULAR ACCESS TO ALL RESIDENTS AND BUSINESSES DURING THE LIFE OF THE CONTRACT UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

PHASE I

STEP 1: INSTALL ADVANCE WORK ZONE SIGNS AS SHOWN ON SHEET TCP-6, DETAIL 1.

STEP 2: USING RSD 1101.02 SHEET 1 OF 7, BEGIN CONSTRUCTION OF TEMPORARY PAVEMENT ON RIGHT SIDE OF -L- FROM -L- STA 16+46.17 TO -L- STA 20+04.78 RT AND FROM STA 20+56.93 TO -L- STA 24+13.05 RT UP TO EDGE AND ELEVATION OF EXISTING. RETURN TRAFFIC TO THE EXISTING PATTERN AT THE END OF EACH WORK DAY. (SEE SHEET TCP-4 SECTION VIEW).

STEP 3: USING RSD 1101.02 SHEET 1 OF 7, PERFORM THE FOLLOWING; RETURNING TRAFFIC TO THE EXISTING PATTERN AT THE END OF EACH WORK DAY.

A)- INSTALL TEMPORARY PORTABLE SIGNALS AS SHOWN ON TCP-6. (SEE PROJECT SPECIAL REVISIONS)

B)- INSTALL & COVER WORK ZONE SIGNS AS SHOWN ON SHEET TCP-6, DETAIL 1.

C)- COMPLETE CONSTRUCTION OF WORK STARTED IN PHASE I STEP 2.

STEP 4: USING RSD 1101.02 SHEET 1 OF 7, COMPLETE THE FOLLOWING BY THE END OF WORKDAY.

A)- REMOVE ANY CONFLICTING MARKINGS AND INSTALL TEMPORARY PAVEMENT MARKINGS (REMOVABLE TAPE & PAINT), AND TEMPORARY PAVEMENT MARKERS (RAISED) FOR ONE (1) LANE / TWO(2) WAY TRAFFIC PATTERN ON RIGHT SIDE OF SR-1154. SEE TCP-6.

B)- INSTALL TEMPORARY GUARDRAIL ON RIGHT SIDE OF EXISTING -L- FROM -L- STA 18+92.66 TO -L- STA 20+04.95; TIE TEMPORARY GUARDRAIL TO END OF EXISTING STRUCTURE AT -L- STA 20+04.95 +/-. PLACE TEMPORARY GUARDRAIL ON RIGHT SIDE OF EXISTING -L- FROM -L- STA 20+56.68 TO -L- STA 21+69.47; TIE TEMPORARY GUARDRAIL TO END OF EXISTING STRUCTURE AT -L- STA 20+56.68 +/-.

C)- SHIFT TRAFFIC TO RIGHT SIDE OF SR-1154 USING A ONE (1) LANE / TWO (2) WAY OPERATION, AND CLOSE WEST BOUND LANE. (SEE TCP-6)

D)- INSTALL PCB ON LEFT SIDE OF EXISTING -L- FROM -L- STA 17+92.24 TO -L- STA 22+69.09. (SEE TCP-4 SECTION A-A′ AND TCP-6).

E)- ACTIVATE TEMPORARY PORTABLE SIGNALS, UNCOVER WORK ZONE SIGNS AND BEGIN SIGNALIZED ONE (1) LANE / TWO (2) WAY PATTERN USING THE RIGHT SIDE OF SR-1154. SEE TCP-6.

PHASE II

STEP 1: BEHIND THE BARRIER COMPLETE THE FOLLOWING:

A)- INSTALL TEMPORARY SHORING FROM -L- STA 19+84+- TO -L- STA 20+10+- AND -L- STA 20+57+- TO -L- STA 20+74+-.

B)- REMOVE LEFT SIDE OF EXISTING BRIDGE OVER DEEP CREEK (SEE TCP-4 SECTION B-B′ AND TCP-6).

C)- BEGIN CONSTRUCTION OF LEFT SIDE OF -L- UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, AND PORTION OF DRAINAGE STRUCTURE 1 FOR FUTURE USE.

D)- CONSTRUCT LEFT SIDE OF PROPOSED BRIDGE AS SHOWN IN PLANS (SEE TCP-4 SECTION B-B′ AND TCP-6)

E)- CONSTRUCT TEMPORARY PAVEMENT WIDENING ON LEFT SIDE OF -L- FROM -L- STA 17+22.50 TO -L- STA 19+72.50 LT AND FROM -L- STA 20+74.50 LT TO -L- STA 23+29.63 LEFT. (SEE SHEET TCP-4 SECTION C-C′ AND TCP-7)

F)- PLACE TEMPORARY LEFT SIDE GUARDRAIL ON -L- (SEE ROADWAY PLANS FOR GUARDRAIL SUMMARY AND TRAFFIC CONTROL PLANS FOR LOCATION).

G)- INSTALL ANCHORED PCB ON NEWLY CONSTRUCTED LEFT SIDE OF STRUCTURE. (SEE SECTION B-B′)

STEP 2: A)- USING TMIA′s AND RSD 1101.02 SHEET 1 OF 7:

1)- SHIFT TRAFFIC TO LEFT SIDE OF SR-1154. (SEE TCP-4 SECTION C-C′)

2)- RELOCATE TEMPORARY TRAFFIC SIGNALS FOR TWO-WAY, ONE-LANE TRAFFIC ON THE LEFT SIDE OF SR-1154, AS SHOWN IN TCP-7 DETAIL 2.

3)- RELOCATE TRAFFIC CONTROL DEVICES AS NECESSARY FOR TWO-WAY, ONE-LANE TRAFFIC ON THE LEFT SIDE OF SR-1154. SEE TCP-7 DETAIL 2.

4)- ACTIVATE SIGNALS AND BEGIN ONE (1) WAY/TWO (2) WAY SIGNALIZED TRAFFIC ON LEFT SIDE OF -L- (SR 1154).

5)- REMOVE ANY CONFLICTING MARKINGS AND INSTALL TEMPORARY PAVEMENT MARKINGS (REMOVABLE TAPE & PAINT) FOR ONE (1) LANE / TWO (2) WAY TRAFFIC PATTERN ON LEFT SIDE OF SR-1154. SEE TCP-7.

6)- RESET PCB FOR ONE (1) LANE / TWO (2) WAY FROM -L- STA 17+60.00 TO -L- STA 23+00.00 LEFT. (SEE TCP-7 DETAIL 2)

PHASE III

STEP 1: BEHIND BARRIER REMOVE RIGHT SIDE OF EXISTING BRIDGE 26 AS SHOWN IN PLANS.

STEP 2: BEHIND BARRIER REMOVE TEMP. SHORING

STEP 3: BEHIND BARRIER CONSTRUCT RIGHT SIDE OF PROPOSED BRIDGE AND APPROACHES UP TO BUT NOT INCLUDING FINAL SURFACE COURSE INCLUDING PROPOSED PERMANENT GUARDRAIL AS SHOWN IN PLANS. (SEE TCP-4 SECTION D-D′).

STEP 4: USING RSD 1101.02 SHEET 1 OF 7, COMPLETE THE FOLLOWING AND PLACE TRAFFIC IN THE FINAL PATTERN BY THE END OF EACH WORK DAY. CONTRACTOR SHALL UTILIZE TMIA′s TO PROTECT WORK AND OPERATIONS AS NEEDED.

A)- REMOVE PCB

B)- CONSTRUCT PAVEMENT UP TO BUT NOT INCLUDING FINAL SURFACE COURSE. (SEE TCP-5 SECTION E-E′)

C)- OPEN -L- (SR 1154) TO TWO (2) LANE/TWO (2) WAY TRAFFIC, AND DEACTIVATE TEMPORARY PORTABLE SIGNALS, REMOVE ANY CONFLICTING TEMPORARY TRAFFIC MARKINGS.

D)- USING RSD 1101.04 REMOVE TEMPORARY PAVEMENT WIDENING AS DIRECTED BY ENGINEER. ON THE LEFT SIDE OF -L- FROM -L- STA 16+46.17 TO -L- STA 19+72.50 LT AND FROM -L- STA 20+74.50 LT TO -L- STA 24+13.05 LEFT.

E)- UTILIZING TMIA′s, REMOVE TEMPORARY GUARDRAIL ON LEFT SIDE OF -L- AND, COMPLETE DRAINAGE STRUCTURE 1 ON LEFT SIDE OF -L-, AND CONSTRUCT SHOULDER BERM GUTTER.

F)- INSTALL PERMANENT LEFT SIDE GUARDRAIL ON -L- (SEE ROADWAY PLANS FOR SUMMARY AND LOCATION.)

G)- PLACE FINAL SURFACE COURSE LAYER. (SEE TCP-5 SECTION F-F′)

H)- PLACE FINAL PAVEMENT MARKING (PAINT) AND PERMANENT MARKERS (RAISED) FOR TWO (2) LANE / TWO (2) WAY PATTERN

STEP 5: REMOVE ALL REMAINING TEMPORARY TRAFFIC CONTROL DEVICES INCLUDING TEMPORARY PORTABLE SIGNALS.

APPROVED:_____ DATE:_____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 15456 ENGINEER JAMES W. PEARCE, JR.

PHASING

SCALE:	NONE
DATE:	9/30/02
DWG. BY:	DRN
DESIGN BY:	DRN
REVIEWED BY:	JWP

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH, N.C. CONTROL

REVISIONS

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