PHASING

BEFORE BEGINNING ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS AND TRAFFIC CONTROL DEVICES.

INSTALLATION. COMPLETE ANY PROPOSED WORK IN SUCH A MANNER THAT NO PONDING OF

FIELD VERIFY LOCATIONS WITH THE RESIDENT ENGINEER PRIOR TO

REPLACE MARKINGS AND RETURN TRAFFIC TO THE CURRENT TRAFFIC PATTERN AT THE END OF EACH WORK PERIOD UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

WHEN USING LANE CLOSURES (RSD 1101.02), RETURN TRAFFIC TO EXISTING TRAFFIC PATTERN UPON ACTIVITIES COMPLETION, UNLESS OTHERWISE NOTED IN THE PHASING.

FOR ALL SHOULDER CLOSURES, SEE RSD 1101.04.

WATER WILL OCCUR WITHIN THE TRAVEL LANE.

BRIDGE SITE #330078 (US 52 OVER I-40) (SEE SHEETS TMP-4 THRU TMP-11)

NOTE: PHASE 2 WORK THAT DOES NOT REQUIRE ADDITIONAL LOOP CLOSURES, MAY BE PERFORMED CONCURRENTLY WITH PHASE 1 WORK.

PHASE 1 - BRIDGE WORK ON US 52

NOTES:

- MAY PERFORM LANE CLOSURES AND WORK IN EITHER DIRECTION OF
- US 52 BEFORE COMPLETING THE OTHER DIRECTION.
- STEP 1 AND STEP 2 MAY BE COMPLETED IN ANY ORDER. - RECORD EXISTING PAVEMENT MARKING LOCATIONS PRIOR TO BRIDGE WORK

STEP 1

COMPLETE BRIDGE WORK FOR RIGHT HALF OF THE OUTSIDE THROUGH-LANE AND LOOP AUXILIARY LANE IN THE FOLLOWING MANNER:

- A) CLOSE CORRESPONDING ON-LOOP AND OFF-LOOP AND DETOUR TRAFFIC OFFSITE.
- B) USE RSD 1101.02, SHEET 6 OF 14 TO CLOSE INSIDE THROUGH-LANE, THEN SHIFT CHANNELIZED SINGLE LANE OF TRAFFIC TO INSIDE LANE ON BRIDGE.
- C) PERFORM WORK (SEE STRUCTURE PLANS)
- D) PLACE TEMPORARY PAVEMENT MARKING ACCORDING TO RECORDED LOCATIONS AND REMOVE LANE/LOOP CLOSURE(S) AT END OF WORK PERIOD.
- E) REPEAT EACH WORK PERIOD UNTIL COMPLETE.

STEP 2

COMPLETE BRIDGE WORK FOR MEDIAN SHOULDER, INSIDE THROUGH-LANE AND LEFT HALF OF THE OUTSIDE THROUGH-LANE IN THE FOLLOWING MANNER:

- A) CLOSE CORRESPONDING ON-LOOP AND OFF-LOOP AND DETOUR TRAFFIC OFFSITE. B) USE RSD 1101.02, SHEET 3 OF 14 TO CLOSE INSIDE THROUGH-LANE.
- C) SHIFT THE SINGLÉ-LANE US 52 TRAFFIC TO THE LOOP AUXILIARY LANE
- D) PERFORM WORK (SEE STRUCTURE PLANS)
- E) PLACE TEMPORARY PAVEMENT MARKING ACCORDING TO RECORDED LOCATIONS AND REMOVE LANE/LOOP CLOSURE(S) AT END OF WORK PERIOD.
- F) REPEAT EACH WORK PERIOD UNTIL COMPLETE.

STEP 3

USE RSD 1101.02. SHEET 3 OF 14. PLACE FINAL PAVEMENT MARKINGS AND MARKERS ON US 52 BRIDGE.

PHASE 2 - RIDGE WORK ACCESSING FROM I-40

NOTE: BRIDGE WORK ACCESSING FROM I-40 MAY BEGIN IN ANY DIRECTION AND FROM ANY LANE.

COMPLETE BRIDGE WORK USING THE FOLLOWING. REMOVE LANE/LOOP CLOSURE(S) AT END OF WORK PERIOD:

- FOR BRIDGE WORK REQUIRING THE CLOSURE OF THE INSIDE THROUGH-LANE, USE RSD 1101.02, SHEET 4 OF 14.
- FOR BRIDGE WORK REQUIRING THE CLOSURE OF THE CENTER THROUGH-LANE, USE RSD 1101.02, SHEET 8 OF 14 TO CLOSE INSIDE AND CENTER THROUGH-LANES.
- FOR BRIDGE WORK REQUIRING THE CLOSURE OF THE OUTSIDE THROUGH-LANE, USE RSD 1101.02, SHEETS 6 & 8 OF 14 TO CLOSE INSIDE AND CENTER THROUGH-LANES, THEN SHIFT CHANNELIZED SINGLE-LANE TRAFFIC TO INSIDE LANE ADJACENT TO WORK AREA. CLOSE ADJACENT ON-LOOP AND OFF-LOOP AND DETOUR TRAFFIC OFFSITE.
- FOR BRIDGE WORK REQUIRING THE CLOSURE OF ON-LOOP AND OFF-LOOP ONLY, DETOUR LOOP TRAFFIC OFFSITE.

BRIDGE SITE #330227 (NC 67 OVER US 421) (SEE SHEETS TMP-12 THRU TMP-23)

NOTE: PHASE 2 WORK THAT DOES NOT REQUIRE ADDITIONAL LOOP CLOSURES. MAY BE PERFORMED CONCURRENTLY WITH PHASE 1 WORK.

PHASE 1 - BRIDGE WORK ON SILAS CREEK PKWY.

- MAY PERFORM LANE CLOSURES AND WORK IN EITHER DIRECTION OF SILAS CREEK PKWY. BEFORE COMPLETING THE OTHER DIRECTION.
- STEP 1, STEP 2 AND STEP 3 MAY BE COMPLETED IN ANY ORDER - RECORD EXISTING PAVEMENT MARKING LOCATIONS PRIOR TO BRIDGE WORK

STEP 1

COMPLETE BRIDGE WORK FOR LOOP AUXILIARY LANE IN THE FOLLOWING MANNER:

- A) CLOSE CORRESPONDING ON-LOOP AND OFF-LOOP AND DETOUR TRAFFIC OFFSITE.
- B) USE RSD 1101.02, SHEET 6 OF 14 TO CLOSE INSIDE THROUGH-LANE THEN SHIFT CHANNELIZED SINGLE LANE OF TRAFFIC TO INSIDE LANE ON BRIDGE.
- C) PERFORM WORK (SEE STRUCTURE PLANS)
- D) PLACE TEMPORARY PAVEMENT MARKING ACCORDING TO RECORDED
- LOCATIONS AND REMOVE LANE/LOOP CLOSURE(S) AT END OF WORK PERIOD.
- E) REPEAT EACH WORK PERIOD UNTIL COMPLETE.

STEP 2

COMPLETE BRIDGE WORK FOR OUTSIDE LANE IN THE FOLLOWING MANNER:

- A) CLOSE CORRESPONDING ON-LOOP AND OFF-LOOP AND DETOUR TRAFFIC OFFSITE.
- B) USE RSD 1101.02, SHEET 6 OF 14 TO CLOSE INSIDE THROUGH-LANE, THEN SHIFT CHANNELIZED SINGLE LANE OF TRAFFIC TO MEDIAN SHOULDER/INSIDE LANE ON BRIDGE.
- C) PERFORM WORK (SEE STRUCTURE PLANS)
- D) PLACE TEMPORARY PAVEMENT MARKING ACCORDING TO RECORDED LOCATIONS AND REMOVE LANE/LOOP CLOSURE(S) AT END OF WORK PERIOD.
- E) REPEAT EACH WORK PERIOD UNTIL COMPLETE.

STEP 3

COMPLETE BRIDGE WORK FOR MEDIAN SHOULDER AND INSIDE LANE IN THE FOLLOWING MANNER:

- A) CLOSE CORRESPONDING ON-LOOP AND OFF-LOOP AND DETOUR TRAFFIC
- B) USE RSD 1101.02, SHEET 3 OF 14 TO CLOSE INSIDE LANE. C) SHIFT THE SINGLE-LANE SILAS CREEK PKWY. TRAFFIC TO THE LOOP AUXILIARY LANE ON BRIDGE.
- D) PERFORM WORK (SEE STRUCTURE PLANS)
- E) PLACE TEMPORARY PAVEMENT MARKING ÁCCORDING TO RECORDED LOCATIONS
- AND REMOVE LANE/LOOP CLOSURE(S) AT END OF WORK PERIOD. F) REPEAT EACH WORK PERIOD UNTIL COMPLETE.

STEP 4

USE RSD 1101.02, SHEET 3 OF 14, PLACE FINAL PAVEMENT MARKINGS AND MARKERS ON SILAS CREEK BRIDGE.

PHASE 2 - BRIDGE WORK ACCESSING FROM SALEM PKWY.

NOTE: BRIDGE WORK ACCESSING FROM SALEM PKWY. MAY BEGIN IN ANY DIRECTION AND FROM ANY LANE.

COMPLETE BRIDGE WORK USING THE FOLLOWING. REMOVE LANE/LOOP CLOSURE(S) AT END OF WORK PERIOD:

- FOR BRIDGE WORK REQUIRING THE CLOSURE OF THE INSIDE LANE ON SALEM PKWY.:
 - SB DIRECTION: USE RSD 1101.02, SHEET 8 OF 14 AND RSD 1101.03, SHEET 7 OF 9 TO CLOSE BOTH THROUGH-LANES AND CHANNELIZE ALL THROUGH-TRAFFIC TO THE SB CD.
- NB DIRECTION: USE RSD 1101.02, SHEET 3 OF 14 TO CLOSE THE OUTSIDE LANE, THEN SHIFT CHANNELIZED SINGLE-LANE TRAFFIC TO OUTSIDE LANE ADJACENT TO WORK AREA. USE RSD 1101.02, SHEET 10 OF 14 TO MAINTAIN OFF-RAMP
- FOR BRIDGE WORK REQUIRING THE CLOSURE OF THE OUTSIDE LANE ON SALEM PKWY.:
 - SB DIRECTION: USE RSD 1101.02, SHEET 8 OF 14 AND RSD 1101.03, SHEET 7 OF 9 TO CLOSE BOTH THROUGH-LANES AND CHANNELIZE ALL TRAFFIC TO THE SB CD.
 - NB DIRECTION: USE RSD 1101.02, SHEET 3 OF 14 TO CLOSE THE OUTSIDE LANE. CLOSE ADJACENT ON-LOOP AND OFF-LOOP AND DETOUR TRAFFIC OFFSITE.
- FOR BRIDGE WORK REQUIRING THE CLOSURE OF THE SB CD ON SALEM PKWY. CLOSE ADJACENT ON-LOOP AND OFF-LOOP AND DETOUR LOOP TRAFFIC OFFSITE.

SHEET NO. PROJ. REFERENCE NO. 15BPR.55 TMP-3

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BRIDGE SITE #330392 (UNION CROSS RD. OVER I-74) (SEE SHEETS TMP-24 THRU TMP-31)

WORK IN A MANNER TO COMPLETE THE BRIDGE DECK WORK ON UNION CROSS ROAD IN PHASE 1. STEP 1 THROUGH STEP 4. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

NOTE: PHASE 2 WORK THAT DOES NOT REQUIRE THE ADDITIONAL LOOP CLOSURE, MAY BE PERFORMED CONCURRENTLY WITH PHASE 1 WORK.

PHASE 1 - BRIDGE WORK ON UNION CROSS ROAD

- MAY PERFORM ICT CLOSURE AND WORK IN EITHER DIRECTION OF UNION CROSS ROAD BEFORE COMPLETING ICT CLOSURE AND WORK IN THE OTHER DIRECTION.
- RECORD EXISTING PAVEMENT MARKING LOCATIONS PRIOR TO BRIDGE WORK

WORK IN A CONTINUOUS MANNER TO COMPLETE THE BRIDGE WORK ON NB UNION CROSS ROAD IN STEPS 1 & 2 IN TWENTY-ONE (21) CONSECUTIVE DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 1

USING RSD 1101.03, SHEET 2 OF 9 AND SHEET TMP-24, CLOSE NB DIRECTION OF UNION CROSS ROAD AND LOOP 'A' AND DETOUR TRAFFIC ÓFFSITE.

STEP 2

AWAY FROM TRAFFIC, COMPLETE THE FOLLOWING FOR NB DIRECTION OF UNION CROSS ROAD:

- A) RECORD EXISTING PAVEMENT MARKING LOCATIONS PRIOR TO BRIDGE WORK B) COMPLETE BRIDGE DECK WORK ON NB UNION CROSS ROAD. USE RSD 1101.02, SHEET 3 OF 14, IF NECESSARY, TO CLOSE SB INSIDE LANE WHEN WORKING IN NB INSIDE LANE.
- C) PLACE TEMPORARY PAVEMENT MARKINGS ACCORDING TO RECORDED LOCATIONS. D) OPEN NB UNION CROSS ROAD AND LOOP 'A'.

WORK IN A CONTINUOUS MANNER TO COMPLETE THE BRIDGE WORK ON SB UNION CROSS ROAD IN STEPS 3 & 4 IN TWENTY-ONE (21) CONSECUTIVE DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 3

USING RSD 1101.03, SHEET 2 OF 9 AND SHEET TMP-25, CLOSE SB DIRECTION OF UNION CROSS ROAD AND LOOP 'C' AND DETOUR TRAFFIC OFFSITE.

STEP 4

AWAY FROM TRAFFIC, COMPLETE THE FOLLOWING FOR SB DIRECTION OF UNION CROSS ROAD:

- A) RECORD EXISTING PAVEMENT MARKING LOCATIONS PRIOR TO BRIDGE WORK
- B) COMPLETE BRIDGE DECK WORK ON SB UNION CROSS ROAD. USE RSD 1101.02, SHEET 3 OF 14, IF NECESSARY, TO CLOSE NB INSIDE LANE WHEN WORKING IN SB INSIDE LANE.
- C) PLACE TEMPORARY PAVEMENT MARKINGS ACCORDING TO RECORDED LOCATIONS.
- D) OPEN SB UNION CROSS ROAD AND LOOP 'C'.

STEP 5

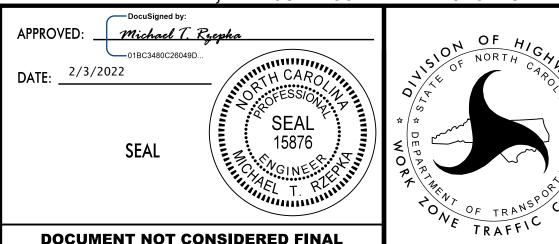
USE RSD 1101.02, SHEET 3 OF 14, PLACE FINAL PAVEMENT MARKINGS AND MARKERS ON UNION CROSS BRIDGE.

PHASE 2 - BRIDGE WORK ACCESSING FROM US 74

NOTE: BRIDGE WORK ACCESSING FROM US 74 MAY BEGIN IN ANY DIRECTION AND FROM ANY LANE.

COMPLETE BRIDGE WORK USING THE FOLLOWING. REMOVE LANE/LOOP CLOSURE(S) AT END OF WORK PERIOD:

- FOR BRIDGE WORK REQUIRING THE CLOSURE OF THE INSIDE THROUGH-LANE, USE RSD 1101.02, SHEET 4 OF 14.
- FOR BRIDGE WORK REQUIRING THE CLOSURE OF THE OUTSIDE THROUGH-LANE, USE RSD 1101.02, SHEET 6 OF 14 TO CLOSE INSIDE LANE THEN SHIFT CHANNELIZED SINGLE-LANE TRAFFIC TO INSIDE LANE ADJACENT TO WORK AREA. CLOSE ADJACENT LOOP AND ACCELERATION LANE AND DETOUR TRAFFIC OFFSITE.
- FOR BRIDGE WORK REQUIRING THE CLOSURE OF THE LOOP AND ACCELERATION LANE. DETOUR LOOP TRAFFIC OFFSITE.



UNLESS ALL SIGNATURES COMPLETED

PHASING