

# PHASING NOTES

**LOCATION: C-4 (BRIDGE # 327) SOUTHBOUND**

STEP 1: USE TMP-57, TMP-6C, AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1 AND L2 OF I-277 SB AND I-77 SB HOT LANES. THIS OPERATION WILL CLOSE THE I-77 SB HOT LANES. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-4 (BRIDGE #327). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-58, TMP-14 FOR OFFSITE DETOUR 40, TMP-6C, AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L2 AND L3 OF I-277 SB, RAMP #40 AND I-77 SB HOT LANES. PLACE DETOUR SIGNING FOR CLOSURES ALONG I-277, 11TH ST, RAMP #40 AND RAMP #41. THIS OPERATION WILL CLOSE RAMP #40 AND THE I-77 SB HOT LANES. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-4 (BRIDGE #327). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

**LOCATION: C-3 (BRIDGE # 326) SOUTHBOUND**

STEP 1: USE TMP-59, TMP-6C, AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1 AND L2 OF I-277 SB AND I-77 SB HOT LANES. THIS OPERATION WILL CLOSE THE I-77 SB HOT LANES. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-3 (BRIDGE #326). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-60, TMP-14 FOR OFFSITE DETOUR 40, TMP-6C, AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L2 AND L3 OF I-277 SB, RAMP #40 AND I-77 SB HOT LANES. PLACE DETOUR SIGNING FOR CLOSURES I-277, 11TH ST, RAMP #40, AND RAMP #41. THIS OPERATION WILL CLOSE RAMP #40 AND THE I-77 SB HOT LANES. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-3 (BRIDGE #326). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

**LOCATION: C-2 (BRIDGE # 322) SOUTHBOUND**

STEP 1: USE TMP-61, TMP-6C AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1 AND L2 OF I-277 SB AND I-77 SB HOT LANES. THIS OPERATION WILL CLOSE THE I-77 SB HOT LANES. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-2 (BRIDGE #322). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-62, TMP-6C AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L2 AND L3 OF I-277 SB AND I-77 SB HOT LANES. THIS OPERATION WILL CLOSE THE I-77 SB HOT LANES. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-2 (BRIDGE #322). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

**LOCATION: C-1 (BRIDGE # 320) SOUTHBOUND**

STEP 1: USE TMP-63 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L1 AND L2 OF I-277 SB. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-1 (BRIDGE #320). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: USE TMP-64 AND NCDOT RSD 1101.02 SHEET 8 OF 14 TO CLOSE LANES L2 AND L3 OF I-277 SB. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-1 (BRIDGE #320). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 3: REPEAT STEPS 1 AND 2 UNTIL ALL WORK IS COMPLETE.

**LOCATION: C-8 (BRIDGE # 44)**

STEP 1: USE TMP-20 FOR THE OFFSITE DETOUR FOR BRIDGE #44 TO CLOSE US74 AT BRIDGE #44. PLACE DETOUR SIGNING FOR CLOSURES ALONG US74, W MOREHEAD ST/US29, FREEDOM DR, I-77, RAMP #8 AND RAMP #6. THIS OPERATION WILL CLOSE US74 AT BRIDGE #44 AND RAMP #8. COVER SIGNS UNTIL OFFSITE DETOUR IS READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON US74 AT LOCATION C-8 (BRIDGE #44). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: REPEAT STEP 1 UNTIL ALL WORK IS COMPLETE.

**LOCATION: C-9 (BRIDGE # 48)**

STEP 1: USE TMP-18 FOR OFFSITE DETOUR 10 AND TMP-19 FOR OFFSITE DETOUR FOR BRIDGE #48 TO CLOSE I-277 AT BRIDGE #48. PLACE DETOUR SIGNING FOR CLOSURES ALONG I-77, REMOUNT RD, RAMP #10, I-277, US74, W TRADE ST, AND RAMP #5. THIS OPERATION WILL CLOSE I-277 AT BRIDGE #48 AND RAMP #10. COVER SIGNS UNTIL OFFSITE DETOURS ARE READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON I-277 AT LOCATION C-9 (BRIDGE #48). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: REPEAT STEP 1 UNTIL ALL WORK IS COMPLETE.

**LOCATION: C-10 (BRIDGE # 138)**

STEP 1: USE TMP-65, NCDOT RSD 1101.02 SHEET 3 OF 14 AND TMP-9 FOR OFFSITE DETOUR 35 TO CLOSE LANES L1 AND L2 OF E 12TH ST. PLACE DETOUR SIGNING FOR CLOSURES ALONG E 12TH ST, I-277, RAMP #35, E 4TH ST/NC16, N CHURCH ST, US29/GRAHAM ST, AND US74 WB. THIS OPERATION WILL CLOSE THE INSIDE LANE AT BRIDGE #138 AND RAMP #35 DURING ALLOWABLE LANE CLOSURE TIMES. COVER SIGNS UNTIL OFFSITE DETOURS ARE READY FOR OPERATION. PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON E 12TH ST AT LOCATION C-10 (BRIDGE #138). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY AND BRIDGE TO TRAFFIC.

STEP 2: REPEAT STEP 1 UNTIL ALL WORK IS COMPLETE.

STEP 3: USE TMP-66, TMP-6F, AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE OUTSIDE LANE AND OUTSIDE SIDEWALK OF E 12TH ST DURING ALLOWABLE LANE CLOSURE TIMES. USE TMP-6F TO PLACE SIGNS AND DEVICES ON E/W 12TH ST, N COLLEGE ST, E/W 11TH ST, AND N CHURCH ST TO CLOSE THE OUTSIDE SIDEWALK FOR THE PEDESTRIAN DETOUR FOR THE BRIDGE WORK AREA UNDER LOCATION C-10 (BRIDGE #138). PERFORM BRIDGE DECK PRESERVATION OPERATIONS AS REQUIRED IN BRIDGE PLANS ON E 12TH ST AT LOCATION C-10 (BRIDGE #138). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 4: REPEAT STEP 3 UNTIL ALL WORK IS COMPLETE.

STEP 5: USE TMP-25 AND NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE NORTHBOUND OUTSIDE LANE AND SIDEWALK OF TRYON ST DURING ALLOWABLE LANE CLOSURE TIMES. USE CHARLOTTE WORK ZONE TRAFFIC CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE NORTHBOUND SIDEWALK WITHIN THE BRIDGE WORK AREA UNDER LOCATION C-10 (BRIDGE #138). CROSS PEDESTRIANS AT 11TH ST FROM SOUTH TO NORTH, CROSS PEDESTRIANS BACK AT 12TH ST FROM NORTH TO SOUTH. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION C-10 (BRIDGE #138). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 6: REPEAT STEP 5 UNTIL ALL WORK IS COMPLETE.

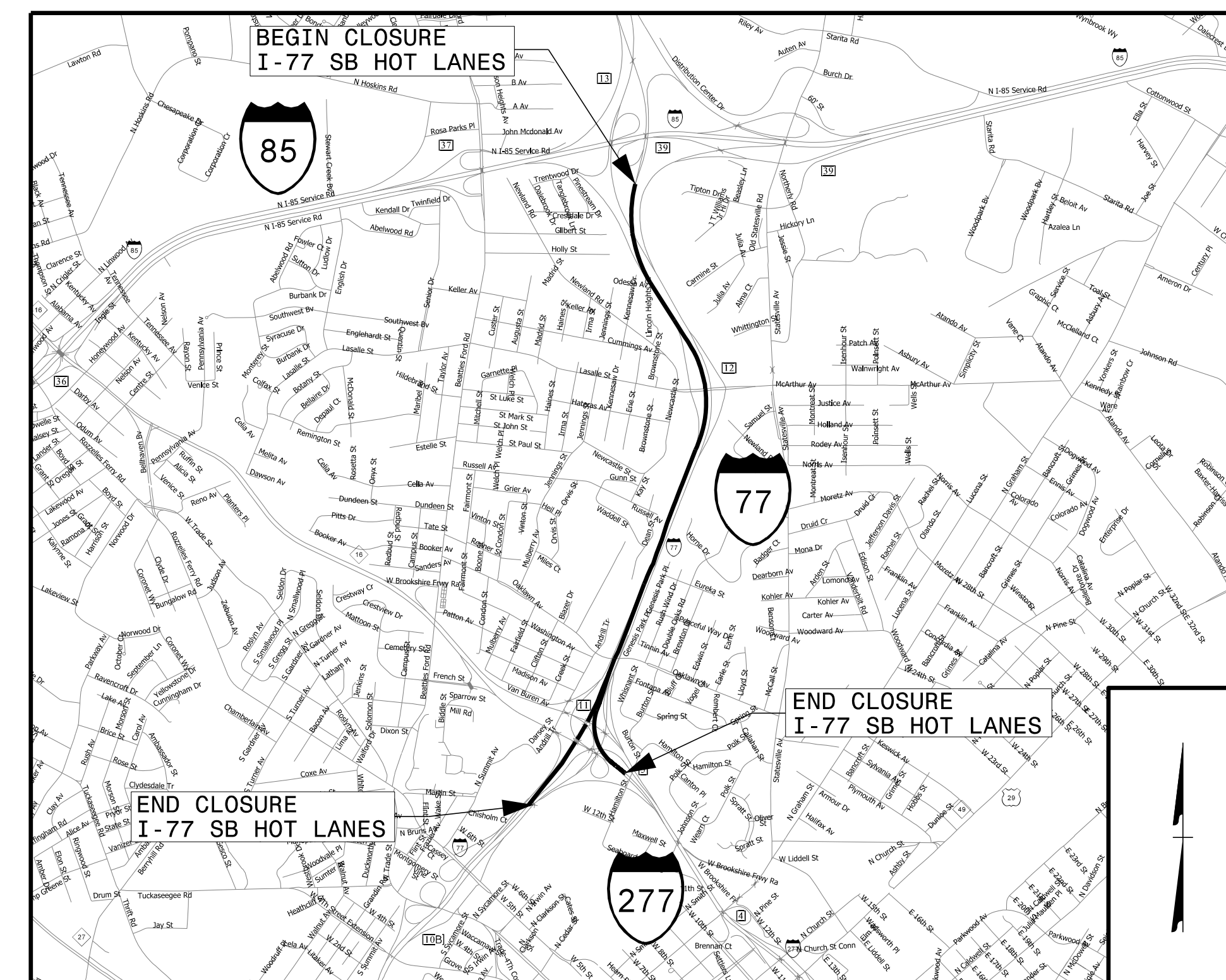
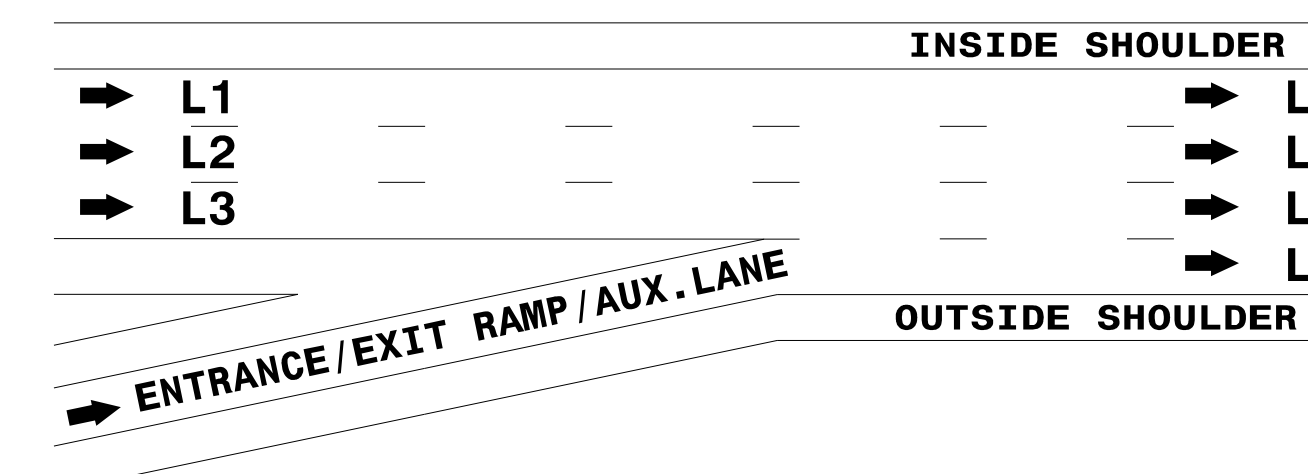
STEP 7: USE TMP-26, NCDOT RSD 1101.02 SHEET 3 OF 14 TO INSTALL LANE CLOSURE SIGNS DEVICES TO CLOSE THE SOUTHBOUND OUTSIDE LANE AND SIDEWALK OF TRYON ST DURING ALLOWABLE LANE CLOSURE TIMES. USE CHARLOTTE WORK ZONE TRAFFIC CONTROL HANDBOOK DIAGRAM 2 TO CLOSE THE SOUTHBOUND SIDEWALK WITHIN THE BRIDGE WORK AREA UNDER LOCATION C-10 (BRIDGE #138). CROSS PEDESTRIANS AT UNDER THE BRIDGE AT 12TH ST FROM NORTH TO SOUTH, CROSS PEDESTRIANS BACK AT 11TH ST FROM SOUTH TO NORTH. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION C-10 (BRIDGE #138). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 8: REPEAT STEP 7 UNTIL ALL WORK IS COMPLETE.

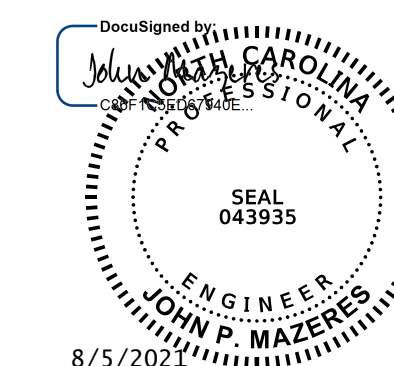
STEP 9: USE TMP-27, NCDOT RSD 1101.02 SHEET 3 OF 14 AND NCDOT RSD 1101.02 SHEET 7 OF 14 TO INSTALL LANE CLOSURE SIGNS AND DEVICES TO CLOSE THE CENTER LANES OF TRYON ST DURING ALLOWABLE LANE CLOSURE TIMES. PERFORM UNDER DECK BRIDGE OPERATIONS AS REQUIRED PER BRIDGE PLANS AT LOCATION C-10 (BRIDGE #138). AT THE END OF EACH WORK PERIOD REOPEN THE ROADWAY TO TRAFFIC.

STEP 10: REPEAT STEP 9 UNTIL ALL WORK IS COMPLETE.

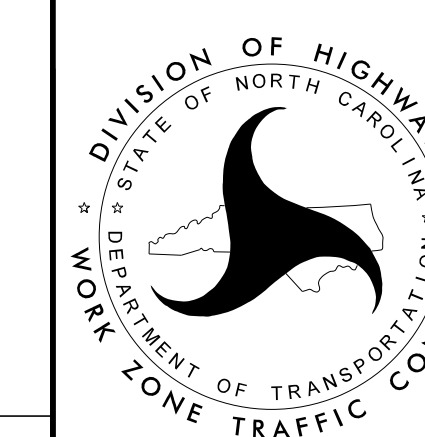
**TYPICAL NB/SB LANE CONFIGURATION**



**I-77 SB HOT LANES CLOSURE MAP**



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



**PHASING NOTES**  
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