

PROJ. REFERENCE NO.	SHEET NO.
I-5939	TMP-1E



SEE SPECIAL PROVISIONS FOR "WORK ZONE TRAFFIC CONTROL FOR INTERSTATE/FREEWAY RESURFACING" FOR DETOUR DETAILS AND OTHER ADVANCED WARNING SIGNS NOT LISTED IN THE ROADWAY STANDARD DRAWINGS OR HEREIN.

DETOUR PROCEDURE: PLACE AND COVER ALL DETOUR SIGNS AND DEVICES ON ALL ROADWAYS LISTED IN THE PLANS, PROVISIONS OR IN THE PHASING NOTES PRIOR TO ANY CLOSURES. ONCE ALL SIGNS AND DEVICES ARE IN PLACE AND FUNCTIONING. UNCOVER ALL SIGNS AND CLOSE THE ROADWAY TO TRAFFIC AS SHOWN ON THE PLANS AND LISTED HEREIN.

SEE TMP SHEETS OR PHASING NOTES FOR ADDITIONAL ROADWAY STANDARD DRAWINGS NEEDED TO COMPLETE EACH PHASE OR STEP.

PRIOR TO BEGINNING WORK, INSTALL ADVANCED WARNING SIGNS ON THE PROJECT AS SHOWN IN THE PROJECT SPECIAL PROVISIONS AND IN RSD 1101.01.

**S1 770010**

SEE INTERMEDIATE CONTRACT TIME (ICT-#1)  
SEE STRUCTURES SHEET S1-1, GENERAL DRAWING FOR BRIDGE 770010 FOR SCOPE LEGEND

**STEP 1:**

USE TMP-4, TMP-36, TMP-37, TMP-38, TO INSTALL SIGNS AND DEVICES TO CLOSE I95 NORTHBOUND, US 301/US 501 AND EXIT 1A. PLACE A LAW ENFORCEMENT OFFICER AND PORTABLE CONSTRUCTION LIGHTING AT RAMP INTERSECTIONS AS NOTED ON TMP-4.

PERFORM CONCRETE DECK REPAIRS (4),  
LATEX MODIFIED CONCRETE OVERLAY (5),  
APPROACH ROADWAY MILLING AND RESURFACING (12),  
BRIDGE RAIL REPAIR (3),  
CLEAR SHOULDERS OF DEBRIS AND VEGETATION (2),  
PROPOSED ANCHOR UNITS TYPE III (1) PER STRUCTURE PLANS.

AT THE END OF EACH WORK PERIOD REOPEN I95 NORTHBOUND, US 301/US 501 AND EXIT 1A TO TRAFFIC. REPEAT STEP 1 UNTIL ALL WORK IS COMPLETE.

**STEP 2:**

USE TMP-6, TMP-8, TMP-11 AND TMP-12 TO INSTALL SIGNS AND DEVICES TO CLOSE THE OUTSIDE LANES OF US 301/US 501 NORTHBOUND OR SOUTHBOUND AS NEEDED TO INSTALL JACKING DEVICES PER PLANS PRIOR TO CLOSURE.

USE TMP-4, TMP-36, TMP-37 AND TMP-38, TO INSTALL SIGNS AND DEVICES TO CLOSE I95 NORTHBOUND, US 301/US 501 AND EXIT 1A. PLACE A LAW ENFORCEMENT OFFICER AND PORTABLE CONSTRUCTION LIGHTING AT THE RAMP INTERSECTION AS NOTED ON TMP-4.

PERFORM BRIDGE JACKING, PEDESTAL REPAIRS AND BEARING RETROFIT (9) PER STRUCTURE PLANS.

AT THE END OF EACH WORK PERIOD REOPEN I95 NORTHBOUND, US 301/501 AND EXIT 1A TO TRAFFIC. REPEAT STEP 2 UNTIL ALL WORK IS COMPLETE.

**STEP 3:**

USE RSD 1101.02 SHEET 4 OF 14 TO CLOSE THE INSIDE LANE OF I95 NORTHBOUND TO:

PERFORM JOINT REPLACEMENT (6) PER STRUCTURE PLANS.

AT THE END OF EACH WORK PERIOD REOPEN I95 NORTHBOUND TO TRAFFIC. REPEAT STEP 3 UNTIL ALL WORK IS COMPLETE.

**STEP 4:**

USE RSD 1101.02 SHEET 4 OF 14 AND THE SPECIAL PROVISIONS TO CLOSE THE OUTSIDE LANE OF I95 NORTHBOUND AND EXIT 1 TO:

PERFORM JOINT REPLACEMENT (6) PER STRUCTURE PLANS.

AT THE END OF EACH WORK PERIOD REOPEN I95 NORTHBOUND AND EXIT 1 TO TRAFFIC. REPEAT STEP 4 UNTIL ALL WORK IS COMPLETE.

**STEP 5:**

USE TMP-6 THRU TMP-12 TO INSTALL SIGNS AND DEVICES TO CLOSE THE CORRESPONDING LANE OF US 301/US 501 AS NEEDED.

PERFORM PAINT EXISTING STEEL BEARINGS (7),  
SUBSTRUCTURE CONCRETE REPAIRS (8),  
SUBSTRUCTURE EPOXY RESIN INJECTION (10),  
SLOPE PROTECTION REPAIRS (11) PER STRUCTURE PLANS.

AT THE END OF EACH WORK PERIOD REOPEN US 301/US 501 TO TRAFFIC. REPEAT STEP 5 UNTIL ALL WORK IS COMPLETE.

**S2 770012**

SEE INTERMEDIATE CONTRACT TIME (ICT-#1)  
SEE STRUCTURES SHEET S2-1, GENERAL DRAWING FOR BRIDGE 770012 FOR SCOPE LEGEND

**STEP 1:**

USE TMP-5, TMP-36, TMP-37 AND TMP-38 TO INSTALL SIGNS AND DEVICES TO CLOSE I95 SOUTHBOUND, US 301/US 501.

PERFORM CONCRETE DECK REPAIRS (4),  
LATEX MODIFIED CONCRETE OVERLAY (5),  
APPROACH ROADWAY MILLING AND RESURFACING (13),  
PROPOSED STEELBEAM GUARDRAIL (3),  
CLEAR SHOULDERS OF DEBRIS AND VEGETATION (2),  
PROPOSED STRUCTURE ANCHOR UNITS TYPE III (1) PER STRUCTURE PLANS.

AT THE END OF EACH WORK PERIOD REOPEN I95 SOUTHBOUND AND US 301/US 501 TO TRAFFIC. REPEAT STEP 1 UNTIL ALL WORK IS COMPLETE.

**STEP 2:**

USE TMP-6, TMP-8, TMP-11 AND TMP-12 TO INSTALL SIGNS AND DEVICES TO CLOSETHE OUTSIDE LANES OF US 301/US 501 NORTHBOUND OR SOUTHBOUND AS NEEDED TO INSTALL JACKING DEVICES PER PLANS PRIOR TO CLOSURE.

USE TMP-5, TMP-36, TMP-37 AND TMP-38 TO INSTALL SIGNS AND DEVICES TO CLOSE I95 SOUTHBOUND AND US 301/US 501. PLACE A LAW ENFORCEMENT OFFICER AND PORTABLE CONSTRUCTION LIGHTING AT THE RAMP INTERSECTION AS NOTED ON TMP-5.

PERFORM BRIDGE JACKING, PEDESTAL REPAIRS AND BEARING RETROFIT (10) PER STRUCTURE PLANS.

AT THE END OF EACH WORK PERIOD REOPEN I95 SOUTHBOUND AND US 301/US 501 TO TRAFFIC. REPEAT STEP 2 UNTIL ALL WORK IS COMPLETE.

**STEP 3:**

USE TMP-36 TO INSTALL SIGNS AND DEVICES TO CLOSE US 301/US 501 SOUTHBOUND TO:

PERFORM HEAT STRAIGHTEN SPAN 2 BEAM 1 (8) PER STRUCTURE PLANS.

AT THE END OF EACH WORK PERIOD REOPEN US 301/US 501 SOUTHBOUND TO TRAFFIC. REPEAT STEP 3 UNTIL ALL WORK IS COMPLETE.

**STEP 4:**

USE RSD 1101.02 SHEET 4 OF 14 TO CLOSE THE INSIDE LANE OF I95 SOUTHBOUND TO:

PERFORM JOINT REPLACEMENT (6) PER STRUCTURE PLANS.

AT THE END OF EACH WORK PERIOD REOPEN US 301/US 501 SOUTHBOUND TO TRAFFIC. REPEAT STEP 4 UNTIL ALL WORK IS COMPLETE.

**STEP 5:**

USE RSD 1101.02 SHEET 4 OF 14 AND THE SPECIAL PROVISIONS TO CLOSE THE OUTSIDE LANE OF I95 SOUTHBOUND TO:

PERFORM JOINT REPLACEMENT (6) PER STRUCTURE PLANS.

AT THE END OF EACH WORK PERIOD REOPEN I95 SOUTHBOUND TO TRAFFIC. REPEAT STEP 5 UNTIL ALL WORK IS COMPLETE.

**STEP 6:**

USE TMP-6 THRU TMP-12 TO INSTALL SIGNS AND DEVICES TO CLOSE THE CORRESPONDING LANE OF US 301/US 501 AS NEEDED.

PERFORM PAINT EXISTING STEEL BEARINGS (7),  
SUBSTRUCTURE CONCRETE REPAIRS (9),  
SUBSTRUCTURE EPOXY RESIN INJECTION (11),  
SLOPE PROTECTION REPAIRS (12) PER STRUCTURE PLANS.

AT THE END OF EACH WORK PERIOD REOPEN US 301/US 501 TO TRAFFIC. REPEAT STEP 6 UNTIL ALL WORK IS COMPLETE.

**REST AREA**

**STEP 1:**

USE TMP-2 TO PLACE SIGNS AND DEVICES TO CLOSE THE REST AREA FOR THE LIFE OF THE PROJECT, OR AT THE DIRECTION OF THE DEPARTMENT TO BE USED AS A STAGING AREA FOR CONSTRUCTION.

PERFORM REPAIRS TO EXISTING CONCRETE PAVEMENT PER ROADWAY PLANS.

**S3 770004**

SEE STRUCTURES SHEET S3-1, GENERAL DRAWING FOR BRIDGE 770004 FOR SCOPE LEGEND.

**STEP 1:**

USE TMP-13, TMP-14 AND TMP-15 TO INSTALL SIGNS AND DEVICES TO CLOSE THE CORRESPONDING LANE OF NC 130 WITH A FLAGGING OPERATION.

PERFORM SILANE SEAL BARRIERS (4) PER STRUCTURES PLANS.

ONCE SILANE SEAL BARRIERS WORK IS COMPLETE

PERFORM JOINT REPLACEMENT (5) PER STRUCTURES PLANS.

ONCE JOINT REPLACEMENT WORK IS COMPLETE

PERFORM CLEAR SHOULDERS OF DEBRIS AND VEGETATION (2),  
PROPOSED TYPE III STRUCTURE ANCHOR UNITS (1),  
PROPOSED STEEL BEAM GUARDRAIL (3),  
APPROACH ROADWAY MILLING AND RESURFACING (8)  
PER STRUCTURE PLANS.

AT THE END OF EACH WORK PERIOD REOPEN NC 130 TO TRAFFIC. REPEAT STEP 1 UNTIL ALL WORK IS COMPLETE.


**STEP 2:**

USE RSD 1101.02 SHEET 4 OF 14 AND THE SPECIAL PROVISIONS TO INSTALL SHOULDER CLOSURE. USE RSD 1101.04 AND THE SPECIAL PROVISIONS TO CLOSE LOOP RAMPS AS NEEDED AND TO INSTALL SIGNS AND DEVICES TO CLOSE THE CORRESPONDING SHOULDERS OF I95 TO COMPLETE THE FOLLOWING WORK:

PERFORM SUBSTRUCTURE EPOXY RESIN INJECTION (6)  
SILICONE JOINT SEAL REPLACEMENT AT COLUMN BASES (7)  
PER STRUCTURE PLANS.

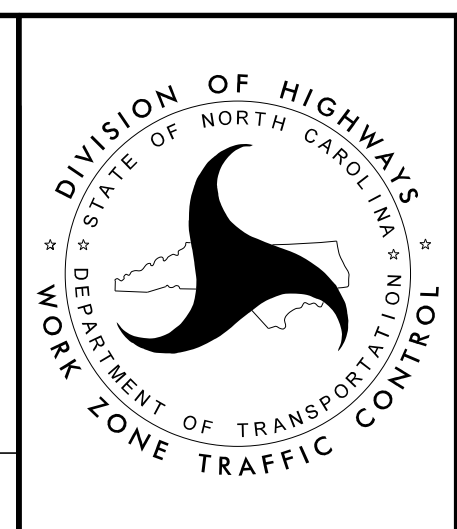
REPEAT STEP 2 UNTIL ALL WORK IS COMPLETE. ONCE ALL WORK IS COMPLETE REMOVE ALL SIGNS AND DEVICES AND REOPEN THE SHOULDERS AND LOOP RAMPS OF I95.

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**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**PHASING NOTES**  
**(1 OF 3)**