

# PHASING

PROJ. REFERENCE NO.	SHEET NO.
I - 5987A	TMP - 3

**NOTES:**

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

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

COMPLETE ANY PROPOSED WIDENING IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE. THIS MAY REQUIRE A COMBINATION OF INSTALLATION OF PROPOSED PIPES, TEMPORARY PIPES, STEEL PLATES, TEMPORARY MEDIAN, AND OUTSIDE DITCHES. PROVIDE WEDGING AS REQUIRED TO PROMOTE POSITIVE DRAINAGE AND SMOOTH TRANSITIONS. IN CONDITIONS WHERE WEDGING IS REQUIRED ACROSS PCB IN ORDER TO UNIFORMLY BUILD PAVEMENT UP, UTILIZE TEMPORARY LANE CLOSURES AS REQUIRED TO TEMPORARILY RESET PCB.

PAVE PROPOSED CONSTRUCTION UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, IN ALL PHASES UNTIL STATED TO INSTALL FINAL LAYER IN PHASING OR DIRECTED BY THE ENGINEER.

UPON COMPLETION OF SUFFICIENT TEMPORARY PAVEMENT FOR ACCELERATION/DECELERATION LENGTHS, INSTALL BREAKS IN PCB FOR CONSTRUCTION ACCESS IN THE MEDIAN AS REQUIRED AND IN ACCORDANCE WITH NCDOT TYPICAL MEDIAN ACCESS DETAIL.

THE TERM RSD REFERS TO ROADWAY STANDARD DRAWINGS.

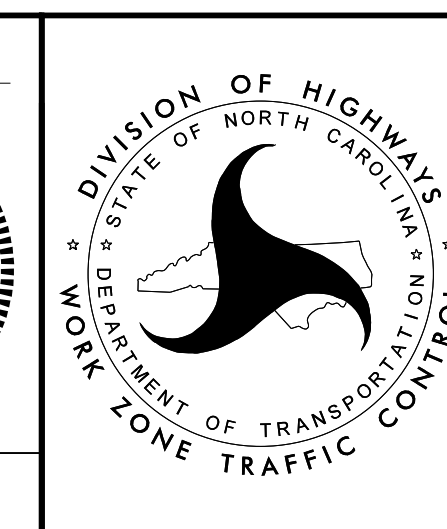
## PHASE I

SECTION A1 -L- STA 67+00 TO STA 340+00, -Y1-, -Y1A-, -Y2-, -SR2-, -SR6-, -SR7-, AND -SR8-	SECTION A2 -L- STA 340+00 TO STA 495+00 AND -Y3-
<p><b>PHASE I (SEE SHEETS TMP-4 THRU TMP-29)</b></p> <p>STEP 1: USING RSD 1101.01 (SHEETS 1, 2 AND 3 OF 3), INSTALL ADVANCE WARNING SIGNS ON -L- (I-95), -Y1- (FAYETTEVILLE RD), -Y2- (POWERSVILLE RD), -Y1A- (US 301), -SR2- (RUSS RD), -SR6- (DAWN DR), -SR7- (JACKSON CT), -SR8- (KAHN DR), BUCKET RD.</p> <p>NOTE: STEPS 2, 3, 4, 5, AND 6 OF PHASE I CAN OCCUR SIMULTANEOUSLY AND IN ANY ORDER.</p> <p>STEP 2A: RECONSTRUCT THE EXISTING SHOULDERS AND CONSTRUCT ADDITIONAL TEMPORARY PAVEMENT ON -L- (I-95) AS SHOWN ON SHEETS TMP-4 THRU TMP-29. COMPLETE THIS WORK IN MANAGEABLE SECTIONS AND PROGRESSING ALONG THE CORRIDOR. USING RSD 1101.02 (SHEET 4 OF 14), COMPLETE THE FIRST EIGHT FEET OF PAVEMENT AND INSTALL PORTABLE CONCRETE BARRIER AND CRASH CUSHIONS TO CLOSE THE SHOULDER IN ACCORDANCE WITH RSD 1101.04 (SHEET 1 OF 1) AND COMPLETE THE REMAINING PAVEMENT AWAY FROM TRAFFIC AND BEHIND PORTABLE CONCRETE BARRIER.</p> <p>STEP 2B: USING RSD 1101.02 (SHEET 10 OF 14), CONSTRUCT TEMPORARY PAVEMENT ON -Y1RPA- AS SHOWN ON SHEETS TMP-6 AND TMP-7.</p> <p><b>COMPLETE THE REQUIREMENTS OF PHASE I, STEP 2C IN 30 (THIRTY) CONSECUTIVE DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)</b></p> <p>STEP 2C: USING RSD 1101.02 (SHEET 4 OF 14), ADJUST AND INSTALL ADDITIONAL PORTABLE CONCRETE BARRIER AND CRASH CUSHIONS TO CLOSE THE SHOULDER AND WEIGH STATION ON -L- (I-95) AT STA. 232+00 AS SHOWN ON SHEETS TMP-14 THRU TMP-17. CONSTRUCT TEMPORARY PAVEMENT ON -WSRPA-, -WSRPB-, -WSRPC-, -WSRPD- AND THE ADJOINING SECTIONS OF -L- (I-95). UPON COMPLETION, REMOVE PORTABLE CONCRETE BARRIER AND CRASH CUSHIONS AND REOPEN THE WEIGH STATION.</p> <p>STEP 3: USING RSD 1101.02 (SHEETS 1 AND 2 OF 14), REMOVE ANY CONFLICTING MARKINGS, INSTALL TEMPORARY PAVEMENT MARKINGS AND SHIFT TRAFFIC ON -SR6- (DAWN DR) INTO NEW PATTERN AS SHOWN ON SHEETS TMP-4 THRU TMP-6. BEGIN CONSTRUCTION OF THE LEFT SIDE OF -SR6- (DAWN DR) AS SHOWN ON SHEETS TMP-4 THRU TMP-6.</p> <p>STEP 4A: USING RSD 1101.02 (SHEET 1 OF 14), CONSTRUCT TEMPORARY PAVEMENT ON -Y2- (POWERSVILLE RD) AS SHOWN ON SHEETS TMP-14 AND TMP-24.</p> <p>STEP 4B: USING RSD 1101.02 (SHEET 1 OF 14), INSTALL PORTABLE CONCRETE BARRIER AND TEMPORARY CRASH CUSHIONS ON -Y2- (POWERSVILLE RD) AS SHOWN ON SHEETS TMP-14, 24 AND 25.</p> <p>STEP 4C: AWAY FROM TRAFFIC AND BEHIND PORTABLE CONCRETE BARRIER, INSTALL TEMPORARY SHORING ON THE LEFT AND RIGHT SIDES OF -L- (I-95) AT -Y2- (POWERSVILLE RD) AND BEGIN CONSTRUCTION OF -Y2- AND THE END BENTS AND RETAINING WALLS OF THE -Y2- STRUCTURE OVER I-95 AND THE INSTALLATION OF TEMPORARY SHORING ON THE LEFT SIDE OF -Y2- (POWERSVILLE RD) AS SHOWN ON SHEETS TMP-14, 24 AND 25.</p> <p>STEP 5: AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF -SR2- (RUSS RD) AS SHOWN ON SHEETS TMP-19 AND 29.</p> <p>STEP 6A: CLOSE EXISTING BUCKET RD AT EXISTING US 301 AND JUST SOUTH OF NATIVE RD AS SHOWN ON SHEETS TMP-19 AND TMP-20 AND CONSTRUCT CUL-DE-SAC.</p> <p>STEP 6B: AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF -Y1A-, -Y1ARPB-, -Y1ARPA-, AND -Y1ARAB1- AND INSTALL TEMPORARY SHORING ON THE LEFT SIDE OF -L- (I-95) AT -Y1A-. BEGIN CONSTRUCTION OF THE WESTERN END BENT AND RETAINING WALL FOR THE -Y1A- STRUCTURE OVER I-95 AS SHOWN ON SHEETS TMP-19, 20, 21, 26 AND 27.</p>	<p><b>PHASE I (SEE SHEETS TMP-143 THRU TMP-156)</b></p> <p>STEP 1: USING RSD 1101.01 (SHEETS 1 AND 3 OF 3), INSTALL ADVANCE WARNING SIGNS ON -L- (I-95) AND -Y3- (MCDUFFIE CROSSING RD).</p> <p>STEP 2: WHILE MAINTAINING TRAFFIC USING RSD 1101.02 (SHEETS 1 AND 4 OF 14), PERFORM THE FOLLOWING AS SHOWN ON SHEETS TMP-143 THRU TMP-156:</p> <ul style="list-style-type: none"> <li>- BEGIN RECONSTRUCTION OF APPROXIMATELY THE FIRST 8' OF EXISTING INSIDE SHOULDERS ALONG NB LANES OF -L- I-95 IN ORDER TO PROVIDE SUFFICIENT WIDTH FOR PLACING PCB</li> <li>- PLACE TEMPORARY PAVEMENT ALONG THE EXISTING INSIDE SHOULDER OF SB -L- I-95, AND EXISTING -Y3- MCDUFFIE CROSSING ROAD IN ORDER TO PROVIDE MINIMUM DEPTH AND SUFFICIENT WIDTH FOR PCB PLACEMENT AND DEFLECTION</li> <li>- UPON COMPLETION, INSTALL PCB ON -L- I-95 AND -Y3-</li> </ul> <p>STEP 3: AWAY FROM TRAFFIC AND BEHIND BARRIER PERFORM THE FOLLOWING:</p> <ul style="list-style-type: none"> <li>- BEGIN CONSTRUCTION OF NEW -Y3- MCDUFFIE CROSSING RD BRIDGE, APPROACHES, AND MSE WALL</li> <li>- BEGIN TRENCHLESS INSTALLATION OF SPECIFIED PROPOSED DRAINAGE CROSS PIPES</li> <li>- COMPLETE RECONSTRUCTION OF THE EXISTING INSIDE SHOULDERS AND CONSTRUCT TEMPORARY PAVEMENT ON -L- (I-95)</li> <li>- INSTALL TEMPORARY INLETS AND GRADE MEDIAN AREA TO DRAIN AS REQUIRED.</li> <li>- INSTALL TEMPORARY SHORING, BEGIN NEW ROADWAY CONSTRUCTION, AND STAGE 1 CULVERT CONSTRUCTION ON -Y3- MCDUFFIE CROSSING. REFER TO EROSION CONTROL PLANS FOR ADDITIONAL CULVERT SEQUENCING INFORMATION.</li> <li>- INSTALL PROPOSED DMS-3. WORK MAY CONTINUE IN SUBSEQUENT PHASES</li> </ul> <p>STEP 4: IN ACCORDANCE WITH THE TIME RESTRICTIONS ON SHEET TMP-1C, IMPLEMENT OFFSITE DETOUR ALONG US 301 AS SHOWN ON TMP-2DET8 AND 9, AND TEMPORARILY CLOSE I-95 BETWEEN EXITS 25 AND 33 FOR THE REMOVAL OF EXISTING OVERHEAD DMS ON -L- I-95 AT APPROX STATION 385+30. REFER TO ITS PLANS</p> <p>STEP 5: IN ACCORDANCE WITH THE TIME RESTRICTIONS ON SHEET TMP-1C, IMPLEMENT OFFSITE DETOUR ALONG US 301 AS SHOWN ON TMP-2DET8 AND 9, AND TEMPORARILY CLOSE I-95 BETWEEN EXITS 25 AND 33 FOR THE GIRDER INSTALLATION OF NEW -Y3- MCDUFFIE CROSSING RD BRIDGE</p> <p><b>COMPLETE THE REQUIREMENTS OF PHASE 1, STEP 6 IN 30 (THIRTY) CONSECUTIVE DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)</b></p> <p>STEP 6: IMPLEMENT OFFSITE DETOUR SHOWN ON TMP-2DET6, AND TMP-2DET7 AND CLOSE -Y3- MCDUFFIE CROSSING ROAD. WHILE ROAD IS CLOSED PERFORM THE FOLLOWING:</p> <ul style="list-style-type: none"> <li>- COMPLETE CONSTRUCTION OF NEW -Y3- MCDUFFIE CROSSING RD BRIDGE.</li> </ul>

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TEMPORARY TRAFFIC CONTROL PHASING PHASE I