

# PHASING

PROJ. REFERENCE NO.	SHEET NO.
R-5751	TMP-3

## NOTES:

'RSD' REFERS TO NCDOT ROADWAY STANDARD DRAWINGS.

COMPLETE ANY PROPOSED OR TEMPORARY WIDENING IN SUCH A MATTER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE.

ALL PROPOSED ASPHALT ROADWAY CONSTRUCTION IS UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE UNLESS OTHERWISE NOTED.

### PHASE I STEP 1:

USING RSD 1101.01 (SHEETS 1 AND 3 OF 3) AND USING LANE CLOSURES, PLACE ALL ADVANCE WARNING SIGNS ALONG -L- AND -Y- LINES.

INSTALL ONE (1) CHANGEABLE MESSAGE SIGN (CMS) IN EACH DIRECTION OF -L- (US-74) AS DIRECTED BY THE ENGINEER. THESE CHANGEABLE MESSAGE SIGNS ARE TO BE UTILIZED TO INFORM & ALERT THE TRAVELING PUBLIC TO TRAFFIC CONDITIONS AND MAY BE UTILIZED FOR TRAFFIC CONTROL OPERATIONS DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER.

### PHASE I STEP 2:

USING RSD 1101.02 (SHEET 4 OF 14) AND RSD 1101.03 (SHEETS 1 AND 2 OF 9) CLOSE DOWN THE WB LEFT TURN LANE FROM -L- STA 39+89± TO -L- STA 46+19±. USING AN OFFSITE DETOUR (SEE DETOUR SHEET TMP-2) ALONG -L- (US 74) AND RSD 1101.02 (SHEET 4 OF 14), JACK AND BORE THE STEEL WELDED PIPES UNDER -L- (US 74) AT -L- STA 24+18±, -L- STA 24+75±, -L- STA 35+42±, -L- STA 40+90±, -L- STA 44+51±, AND -L- STA 54+50±.

### PHASE I STEP 3:

WITH TRAFFIC IN EXISTING PATTERN USING RSD 1101.02 (SHEET 4 OF 14) AND RSD 1101.04 (SHEET 1 OF 1), LANE CLOSURES, AND KEEPING AWAY FROM TRAFFIC, CONSTRUCT THE INSIDE SHOULDER, WEDGING, AND TEMPORARY PAVEMENT ALONG -L- (US 74).

-L- STA 13+50± TO -L- STA 74+05±

### PHASE I STEP 4:

MAINTAINING THE OFFSITE DETOUR (SEE DETOUR SHEET TMP-2) CONSTRUCT THE MEDIAN BENT FOR STRUCTURE BEHIND PORTABLE CONCRETE BARRIER AND USING TEMPORARY SHORING.

-L- STA 40+41± TO -L- STA 44+42±

### PHASE II STEP 1:

USING RSD 1101.02 (SHEET 4 OF 14) PLACE TEMPORARY PAVEMENT MARKINGS AND SHIFT TRAFFIC TOWARDS THE MEDIAN ALONG US 74 (-L-). USING RSD 1101.04 (SHEET 1 OF 1) AND RSD 1101.05 (SHEET 2 OF 2) WHEN APPLICABLE, INSTALL PORTABLE CONCRETE BARRIER, CRASH CUSHIONS, AND CONSTRUCT OUTSIDE WIDENING ALONG -L-, -Y1RPA-, -Y1RPB-, -Y1RPC-, -Y1RPD-, -RAB-, -RCD-, AND -Y1B- (NC 72/NC 130) EXCLUDING THE STRUCTURE.

-L- STA 16+00± TO -L- STA 74+36±	-Y1RPD- STA 14+84± TO -Y1RPD- STA 22+30±
-Y1RPA- STA 14+89± TO -Y1RPA- STA 26+68±	-Y1B- STA 35+59± TO -Y1B- STA 37+06±
-Y1RPB- STA 14+84± TO -Y1RPB- STA 21+00±	-Y1B- STA 38+94± TO -Y1B- STA 40+40±
-Y1RPB- STA 21+50± TO -Y1RPB- STA 22+58±	-RAB- STA 10+00± TO -RAB- STA 14+71±
-Y1RPC- STA 14+85± TO -Y1RPC- STA 27+26±	-RCD- STA 10+00± TO -RCD- STA 14+71±

ONCE CONSTRUCTION OF -Y1RPA-, -Y1RPC-, -Y1RPD-, -RAB-, -RCD- AND WIDENING ALONG -L- IS COMPLETE, INSTALL ROUNDABOUT SIGNING ACCORDING TO THE PROPOSED SIGNING PLANS.

USING RSD 1101.02 (SHEET 1 OF 14), LANE CLOSURES, WEDGING, AND KEEPING AWAY FROM TRAFFIC CONSTRUCT -Y1A- (NC 130), -Y1C (NC 72), AND -SRA- UP TO THE EDGE AND ELEVATION OF EXISTING ROADWAY WHILE MAINTAINING ACCESS.

-Y1A- STA 16+00± TO -Y1A- STA 34+09  
 -Y1C- STA 41+90± TO -Y1C- STA 53+50±  
 -SRA- STA 10+00± TO -SRA- STA 12+13±

INTERMEDIATE CONTRACT TIME (ICT): COMPLETE THE WORK REQUIRED IN PHASE II STEP 2 FOR THE -SRA- TIE-IN IN SEVEN (7) CONSECUTIVE DAYS.

### PHASE II STEP 2:

USING ROAD CLOSURES AND AN OFF-SITE DETOUR WITH RSD 1101.03 (SHEETS 1 AND 2 OF 9) ALONG US 74 AND SOUTH CREEK RD., CONSTRUCT -SRA- (SEE DETOUR SHEET TMP-2A). USING RSD 1101.02 (SHEET 1 OF 14) AND LANE CLOSURES COMPLETE THE -Y1A-, -Y1C-, AND -SRB- CONSTRUCTION AND TIE-INS.

PRIOR TO DETOURING TRAFFIC ON SOUTH CREEK RD., RESURFACE SOUTH CREEK RD. BEWTEEN NC 130 AND US 74 WITH 1.5" S9.5B, 4" PAINTED MARKINGS, AND RECONSTRUCT THE SHOULDER WITH ASB USING RSD 1101.02 (SHEET 1 OF 14). REPLACE ALL PAVEMENT MARKINGS IN-KIND.

-SRA- STA 11+31± TO -SRA- STA 13+50±	-Y1C- STA 51+69± TO -Y1C- STA 51+90±
-Y1A- STA 8+00± TO -Y1A- STA 20+93±	-Y1C- STA 52+20± TO -Y1C- STA 59+00±
-Y1C- STA 49+69± TO -Y1C- STA 50+12±	-SRB- STA 11+80± TO -SRB- STA 14+00±

INTERMEDIATE CONTRACT TIME (ICT): COMPLETE THE WORK REQUIRED IN PHASE II STEP 3 IN FORTY-FIVE (45) CONSECUTIVE DAYS.

### PHASE II STEP 3:

USING AN OFF-SITE DETOUR ALONG NC 72 AND SR 2225 (NORTH CREEK RD) WITH USING RSD 1101.03 (SHEETS 1 OF 9) AND ROAD CLOSURES, COMPLETE CONSTRUCTION OF -Y1RPB- (SEE DETOUR SHEET TMP-2B).

-Y1RPB- STA 21+17± TO -Y1RPB- STA 21+43±

### PHASE II STEP 4:

USING RSD 1101.03 (SHEET 7 OF 9), ROAD CLOSURES ALONG -L- (US 74), AND ROAD CLOSURE RESTRICTIONS PLACE -L- NB TRAFFIC ON A DETOUR ALONG -Y1RPC-, -RCD-, AND -Y1RPD- AND PLACE -L- SB TRAFFIC ON A DETOUR ALONG -Y1RPB-, -RAB-, AND -Y1RPA-. PLACE THE GIRDERS ALONG -Y1B- (NC 72) (SEE DETOUR SHEET TMP-2C). AWAY FROM TRAFFIC, COMPLETE BRIDGE CONSTRUCTION.

-Y1B- STA 37+06± TO -Y1B- STA 38+94±

### PHASE III:

USING RSD 1101.02 (SHEET 4 OF 14) PLACE TEMPORARY PAVEMENT MARKINGS AND SHIFT TRAFFIC TOWARDS THE OUTSIDE SHOULDER ALONG US 74 (-L-). COMPLETE MEDIAN CONSTRUCTION AND REMOVE TEMPORARY PAVEMENT.

-L- STA 13+50± TO -L- STA 74+36±

### PHASE IV:

USING RSD 1101.02 (SHEETS 1 AND 4 OF 14) PLACE THE FINAL LAYER OF SURFACE COURSE, FINAL MARKINGS AND MARKERS ON ALL ROADWAYS WITHIN THE PROJECT LIMITS AND PLACE ALL TRAFFIC IN THE FINAL TRAFFIC PATTERN. REMOVE ALL TRAFFIC CONTROL DEVICES FROM THE PROJECT LIMITS.

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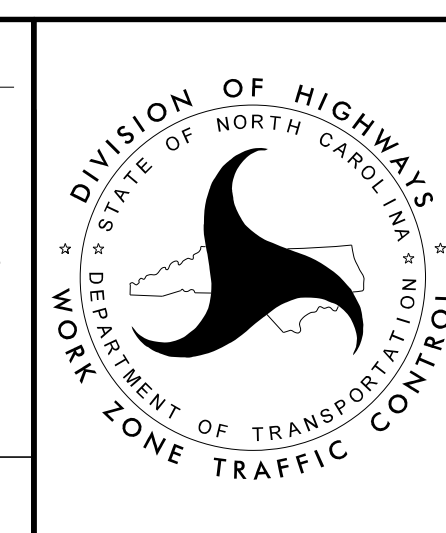


APPROVED: *Jared M. Bond*  
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**SEAL**  
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 JARED M. BOND

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



TEMPORARY TRAFFIC CONTROL PHASING