

PHASING

PROJ. REFERENCE NO.	SHEET NO.
B-5123	TMP-3

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N.C.B.E.L.S. License Number: F-0116

NOTES:

INSTALL WORK ZONE ADVANCE WARNING SIGNS USING RSD 1101.01, SHEET 2 OF 3 PRIOR TO BEGINNING ANY WORK. (SEE GENERAL NOTE N ON SHEET TMP-1C)

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.

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. (SEE LOCAL NOTE LN3 ON SHEET TMP-1C)

MAINTAIN PEDESTRIAN ACCESS AND TRAFFIC ALONG US 29 AND SERVICE ROAD AT ALL TIMES UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER. (SEE GENERAL NOTE FF ON SHEET TMP-1C AND LOCAL NOTE LN2 ON SHEET TMP-1C)

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

LAW ENFORCEMENT MAY BE USED FOR TRAFFIC SHIFTS, IN ADDITION TO TRAFFIC CONTROL STATED IN THE PHASING BELOW.

CONTRACTOR SHALL COOPERATE WITH LAW ENFORCEMENT AND STATE FORCES FOR EVENTS AT CHARLOTTE MOTOR SPEEDWAY, AS DIRECTED BY ENGINEER. (SEE LOCAL NOTE LN4 ON SHEET TMP-1C)

PHASE 1

STEP 1:

USING LANE CLOSURES AND SHOULDER CLOSURES (RSD 1101.02, SHEET 3 OF 15 AND 1101.04), AS NECESSARY, PLACE DRUMS AND OTHER TRAFFIC CONTROL DEVICES FOR DETOUR -DET2- CONSTRUCTION.

USING LANE CLOSURES (RSD 1101.02, SHEET 1 OF 15), AS NECESSARY, PLACE WATER-FILLED BARRIER (WFB) ALONG BOTH SHOULDERS OF SERVICE ROAD FROM -SRVRD- STA. 12+00 TO -SRVRD- STA. 16+50 AND OTHER TRAFFIC CONTROL DEVICES FOR DETOUR -DET2- CONSTRUCTION. (SEE TMP-4)

STEP 2:

AWAY FROM TRAFFIC, CONSTRUCT DETOUR -DET2- FROM -DET2- STA. 11+07.50+/- TO -DET2- STA. 21+48+/-, INCLUDING TEMPORARY PAVEMENT, TEMPORARY SHORING NO. 1, TEMPORARY GUARDRAIL, AND DETOUR BRIDGE.

USING LANE CLOSURES (RSD 1101.02, SHEET 3 OF 15), AS NECESSARY, CONSTRUCT DETOUR -DET2- ADJACENT TO TRAFFIC FROM -L- STA. 13+00+/- TO -L- STA. 30+00+/-, INCLUDING SHOULDER RECONSTRUCTION, WIDENING, AND TEMPORARY PAVEMENT. (SEE TMP-4 AND TMP-5)

STEP 3:

AWAY FROM TRAFFIC, INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY RAISED MARKERS ALONG DETOUR -DET2-.

PHASE 2

STEP 1:

USING LANE CLOSURES (RSD 1101.02, SHEET 3 OF 15), AS NECESSARY, SHIFT SB TRAFFIC TO DETOUR -DET2-, COMPLETE TEMPORARY PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS, INSTALL PORTABLE CONCRETE BARRIER (PCB) WITH CRASH CUSHION (CC) ALONG -DET2- FROM -DET2- STA. 18+20+/- TO -DET2- STA. 21+50+/- . PLACE DRUMS AND OTHER TRAFFIC CONTROL DEVICES, INCLUDING 2 CMS AND WARNING SIGNS FOR DETOUR PATTERN AND ADVISORY SPEEDS, FOR PHASE 2 PATTERN. (SEE TMP-6 AND TMP-7)

STEP 2:

AWAY FROM TRAFFIC, CONSTRUCT PROPOSED SOUTHBOUND (SB) LANES FROM -L- STA. 15+97+/- TO -L- STA. 25+70+/-, INCLUDING PROPOSED BRIDGE, ROADWAY PAVEMENT, TEMPORARY SHORING NOS. 2, 3, AND 4, TEMPORARY PAVEMENT FOR PHASE 3 PATTERN AND GUARDRAIL. (SEE TMP-6, TMP-7)

STEP 3:

AWAY FROM TRAFFIC, BEGIN INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY RAISED MARKERS, WFB, AND OTHER TRAFFIC CONTROL DEVICES FOR PHASE 3 PATTERN. (SEE TMP-8 AND TMP-9)

PHASE 3

STEP 1:

USING LANE CLOSURES (RSD 1101.02, SHEET 3 OF 15), AS NECESSARY, SHIFT NORTHBOUND (NB) TRAFFIC TO PHASE 3 DETOUR PATTERN, COMPLETE TEMPORARY PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS, COMPLETE INSTALL WFB (-L- STA. 16+46+/- TO -L- STA. 26+84+/-), INSTALL ALL TEMPORARY PAVEMENT NECESSARY TO COMPLETE PEDESTRIAN DETOUR, INSTALL PEDESTRIAN FENCES (SEE LOCAL NOTE LN2 ON SHEET TMP-1C AND TMP-2B), AND SHIFT PEDESTRIAN TRAFFIC TO PEDESTRIAN PHASE 3 DETOUR. PLACE DRUMS AND OTHER TRAFFIC CONTROL DEVICES, INCLUDING 2 CMS AND WARNING SIGNS FOR DETOUR PATTERN AND ADVISORY SPEEDS, FOR PHASE 3 PATTERN. (SEE TMP-8 AND TMP-9)

STEP 2:

AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF PROPOSED NORTHBOUND (NB) LANES FROM -L- STA. 16+50+/- TO -L- STA. 24+00, INCLUDING PROPOSED BRIDGE, ROADWAY PAVEMENT, AND SIDEWALK. BEGIN CONSTRUCTION PAVEMENT WIDENING AND SIDEWALK FROM -L- STA. 24+00 TO -L- STA. 27+07+/- . (SEE TMP-8 AND TMP-9)

USING LANE CLOSURES (RSD 1101.02, SHEET 3 OF 15), AS NECESSARY, BEGIN CONSTRUCTION PAVEMENT WIDENING FROM -L- STA. 27+46+/- TO -L- STA. 30+00. (SEE TMP-9)

UPON COMPLETION OF PROPOSED NB BRIDGE AND SIDEWALK, SHIFT PEDESTRIAN TRAFFIC TO FINAL PATTERN OVER NB BRIDGE. REMOVE PEDESTRIAN FENCE FROM PREVIOUS PATTERN. REMOVE TEMPORARY SHORING NOS. 2 AND 4. (SEE TMP-10 AND TMP-11)

INTERMEDIATE CONTRACT TIME #6:

THE CONTRACTOR SHALL COMPLETE THE CONSTRUCTION REQUIRED OF PHASE 3, STEP 3 AND PHASE 4, STEP 1 AS STATED BELOW FROM 7:00PM FRIDAY TO 6:00AM MONDAY.

THE CONTRACTOR SHALL NOT ELECT TO BEGIN PHASE 3, STEP 3 ON ANY HOLIDAY OR EVENT DESCRIBED IN GENERAL NOTE B. (SEE TMP-1B AND INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 3:

USING LANE CLOSURES (RSD 1101.02, SHEETS 3 AND 8 OF 15) AND DETOUR PATTERNS, CLOSE PARKING ENTRANCE FROM NB LANES (RSD 1101.03, SHEET 2 OF 9 AND TMP-10). COMPLETE CONSTRUCTION OF PAVEMENT WIDENING, RESURFACING AND WEDGING OF NB LANES FROM -L- STA. 13+00 TO -L- STA. 16+50 AND FROM -L- STA 24+00 TO -L- STA. 30+00. (SEE TMP-10 AND TMP-11)

AWAY FROM TRAFFIC, BEGIN INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY RAISED MARKERS FOR PHASE 4 PATTERNS. (SEE TMP-12 AND TMP-13)

PHASE 4

STEP 1:

USING LANE CLOSURES (RSD 1101.02, SHEET 3 OF 15), AS NECESSARY, SHIFT NB TRAFFIC TO PHASE 4, STEP 1 PATTERN, COMPLETE RESURFACING AND WEDGING OF NB LANES FOR PHASE 4, STEP 2 PATTERN, TEMPORARY PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS. PLACE DRUMS AND OTHER TRAFFIC CONTROL DEVICES FOR PHASE 4, STEP 2 PATTERN. (SEE TMP-12 AND TMP-13)

SHIFT NB TRAFFIC TO PHASE 4, STEP 2 PATTERN. (SEE TMP-14 AND TMP-15)

STEP 2:

AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF MEDIAN IMPROVEMENTS AND SB LANES, INCLUDING PAVEMENT RECONSTRUCTION, WIDENING, RESURFACING, WEDGING, PAVEMENT REMOVAL, AND RAISED CONCRETE ISLANDS FROM -L- STA. 13+00 TO -L- STA. 30+80+/- . (SEE TMP-14 AND TMP-15)

PHASE 4 (CONTINUED)

INTERMEDIATE CONTRACT TIME #7:

THE CONTRACTOR SHALL COMPLETE THE CONSTRUCTION REQUIRED OF PHASE 4, STEP 3 AND PHASE 5, STEP 1 AS STATED BELOW FROM 7:00PM FRIDAY TO 6:00AM MONDAY.

THE CONTRACTOR SHALL NOT ELECT TO BEGIN PHASE 4, STEP 3 ON ANY HOLIDAY OR EVENT DESCRIBED IN GENERAL NOTE B. (SEE TMP-1B AND INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 3:

USING LANE CLOSURES (RSD 1101.02, SHEETS 3 OF 15), COMPLETE CONSTRUCTION PAVEMENT WIDENING, RESURFACING AND WEDGING OF SB LANES FROM -L- STA. 13+00 TO -L- STA. 17+00+/- AND FROM -L- STA 24+55+/- TO -L- STA. 30+00.

AWAY FROM TRAFFIC, BEGIN INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY RAISED MARKERS FOR PHASE 5, STEP 1 PATTERN. (SEE TMP-16 AND TMP-17)

PHASE 5

STEP 1:

USING LANE CLOSURES (RSD 1101.02, SHEET 3 OF 15), AS NECESSARY, SHIFT SB TRAFFIC TO PHASE 5, STEP 1 PATTERN, COMPLETE WIDENING, WEDGING AND RESURFACING OF SB LANES, TEMPORARY PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS. PLACE DRUMS AND OTHER TRAFFIC CONTROL DEVICES FOR PHASE 5, STEP 2 PATTERN. (SEE TMP-18 AND TMP-19)

SHIFT SB TRAFFIC TO PHASE 5, STEP 2 PATTERN. (SEE TMP-20 AND TMP-21)

STEP 2:

USING DETOUR SIGNS AS SHOWN IN PLANS, CLOSE SERVICE ROAD UNDER BRIDGE. (STEPS 2A AND 2B ARE CONCURRENT) (SEE LOCAL NOTE LN5 ON SHEET TMP-1C)

INTERMEDIATE CONTRACT TIME #8:

THE CONTRACTOR SHALL COMPLETE THE CONSTRUCTION REQUIRED OF PHASE 5, STEP 2A AS STATED BELOW IN 7 CONSECUTIVE DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 2A:

REMOVE THAT PORTION OF THE TEMPORARY DETOUR -DET2- ALIGNMENT (STRUCTURE) LYING DIRECTLY OVER THE SERVICE ROAD AND REOPEN TO TRAFFIC.

STEP 2B:

AWAY FROM TRAFFIC REMOVE THE REMAINDER OF THE TEMPORARY DETOUR ALIGNMENT -DET2- INCLUDING TEMPORARY PAVEMENT, TEMPORARY SHORING NO. 3 AND TEMPORARY BRIDGE. (SEE TMP-20 AND TMP-21)

CONSTRUCT SERVICE ROAD, SB SIDEWALK ALONG US 29, AND ALL REMAINING IMPROVEMENTS. TEMPORARY SHORING NO. 1 SHALL BE MODIFIED FOR PROPOSED WALL.

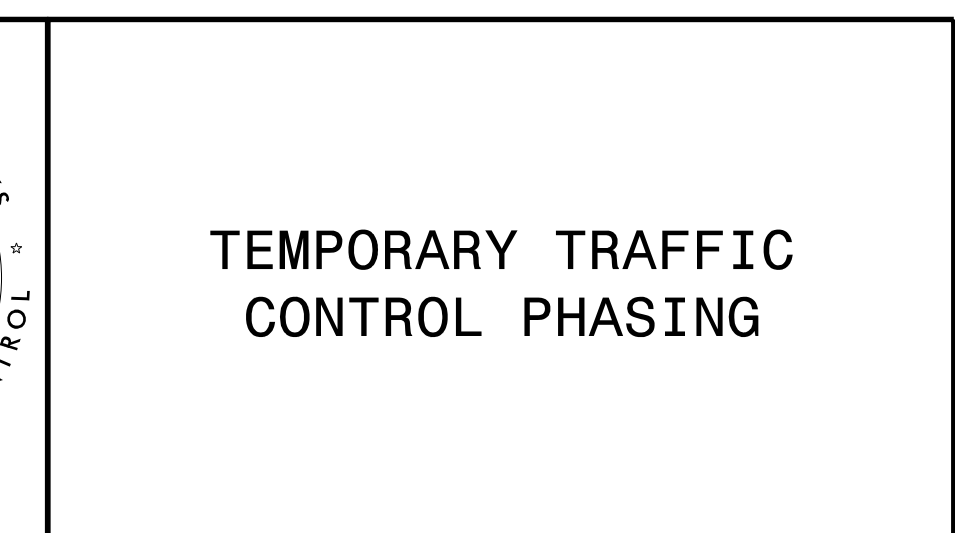
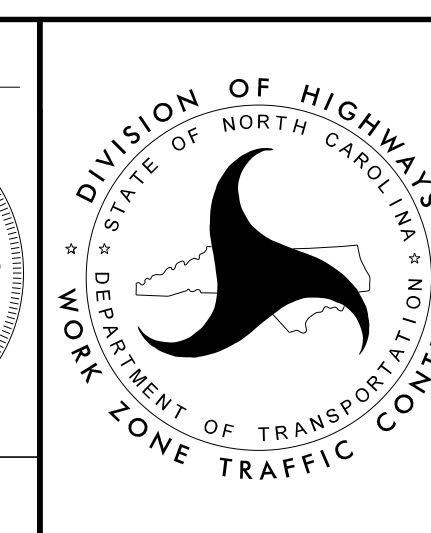
USING LANE CLOSURES (RSD 1101.02, SHEETS 3 AND 8 OF 15), AS NECESSARY, PLACE FINAL SURFACE LAYER, FINAL PAVEMENT MARKINGS AND FINAL PAVEMENT MARKERS ON US 29. (SEE ROADWAY PLANS, FINAL PAVEMENT MARKING PLANS, TMP-20 AND TMP-21)

STEP 3:

OPEN ALL ROADS TO FINAL TRAFFIC PATTERNS AND REMOVE ALL TRAFFIC CONTROL SIGNS AND DEVICES.

APPROVED: *Ben Schoenberger*
DATE: 6/9/2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TEMPORARY TRAFFIC CONTROL PHASING

PLOT DRIVER: \$PLTDVRS\$
USER: \$USER\$
FILE: \$PWVAVAU1TPATHDESC\$
DATE: \$DATE\$
TIME: \$TIME\$