

PHASING

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| PROJ. REFERENCE NO. B - 4448 | SHEET NO. TMP - 3 |
| HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 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.

INSTALL AND COVER ALL SIGNS REQUIRED FOR DETOURS PRIOR TO ENGINEER NOTIFICATION IN ADVANCE OF TRAFFIC PATTERN CHANGES.

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

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.

THE PAVEMENT FINAL SURFACE LAYER AND FINAL PAVEMENT MARKINGS SHALL NOT BE PLACED ON ANY ROADWAY SURFACE PRIOR TO PHASE 5.

THE CONTRACTOR SHALL NOT ELECT TO BEGIN ANY PHASE-STEP CONTROLLED BY AN INTERMEDIATE CONTRACT TIME (ICT) ON ANY HOLIDAY OR EVENT DESCRIBED IN GENERAL NOTE B. (SEE TMP-1B AND INTERMEDIATE CONTRACT TIME (ICT) AND LIQUIDATED DAMAGES (LD) FOR EACH)

PHASE 1: (SEE SHEETS TMP-4 TO TMP-6)

STEP 1:

AWAY FROM TRAFFIC AND USING LANE CLOSURES (RSD 1101.02 SHEET 3 OF 14 ALONG -L- AND SHEET 1 OF 14 ALONG OTHER ROADS), AS NECESSARY, INSTALL PORTABLE CONCRETE BARRIER (PCB) AND BEGIN CONSTRUCTION OF THE PROPOSED -DET_EBL- ROADWAY, STRUCTURE END BENTS, TEMPORARY SHORING 1 AND 2, TEMPORARY GUARDRAIL AND TEMPORARY DRAINAGE. BEGIN CONSTRUCTION OF PROPOSED DRAINAGE WHERE AVAILABLE. (SEE ROADWAY PLANS)

INTERMEDIATE CONTRACT TIME (WEEKEND):

THE CONTRACTOR SHALL COMPLETE THE CONSTRUCTION REQUIRED OF PHASE 1, STEP 2 AS STATED BELOW FROM 8:00PM FRIDAY TO THE FOLLOWING 6:00AM MONDAY. (SEE ICT AND LD. SEE LOCAL NOTES 1, 3 AND 4 OF SHEET TMP-1C)

STEP 2:

UNCOVER ALL SIGNS FOR -Y1- (MINERAL SPRINGS MOUNTAIN RD. - SR 1744) OFFSITE DETOUR, THEN CLOSE -Y1- AND DETOUR -Y1- TRAFFIC. (SEE SHEET TMP-2H AND RSD 1101.03 SHEETS 1 AND 2 OF 9).

INSTALL -DET_EBL- STRUCTURE GIRDERS.

REOPEN -Y1- TO TRAFFIC AND RECOVER DETOUR SIGNS.

STEP 3:

UPON COMPLETION OF -DET_EBL- UP TO EXISTING EDGE OF -L- PAVEMENT, INCLUDING STRUCTURE, TEMPORARY SHORING 1 AND 2, AND TEMPORARY GUARDRAIL, AND USING LANE CLOSURES (RSD 1101.02 SHEET 3 OF 14), AS NECESSARY, REMOVE PCB ALONG -L- AND PLACE DRUMS. PLACE TMA TO PROTECT GUARDRAIL END AT STA. 23+00+/- . INSTALL TEMPORARY PAVEMENT FOR PHASE 2 PCB ALONG -L- INSIDE SHOULDER. (SEE ROADWAY PLANS AND SHEETS TMP-7 AND TMP-9).

PHASE 2: (SEE SHEETS TMP-7 TO TMP-12)

INTERMEDIATE CONTRACT TIME (WEEKEND):

THE CONTRACTOR SHALL COMPLETE THE CONSTRUCTION REQUIRED OF PHASE 2, STEP 1 AS STATED BELOW FROM 8:00PM FRIDAY TO THE FOLLOWING 6:00AM MONDAY. (SEE ICT AND LD. SEE LOCAL NOTES 1, 3 AND 4 OF SHEET TMP-1C)

STEP 1:

UNCOVER ALL SIGNS FOR -Y1RPC- AND -Y1RPD- OFFSITE DETOURS, THEN CLOSE RAMPS AND DETOUR RAMP TRAFFIC. (SEE SHEETS TMP-2F AND TMP-2G AND RSD 1101.03 SHEETS 1 AND 2 OF 9). USING LANE CLOSURES (RSD 1101.02 SHEET 3 OF 14), CLOSE OUTSIDE LANE OF I-40 EASTBOUND (-L-), CONSTRUCT PAVEMENT WEDGING AND PLACE PAVEMENT MARKINGS FOR PHASE 2 PATTERN OF OUTSIDE LANE ALONG -DET_EBL-. PATTERN MASK ALL CONFLICTING PAVEMENT MARKINGS. (SEE ROADWAY PLANS)

USING LANE CLOSURES (RSD 1101.02 SHEET 3 AND 5 OF 14), SHIFT I-40 EASTBOUND TRAFFIC FROM -L- INSIDE LANE TO OUTSIDE LANE IN -DET_EBL- PATTERN AND CLOSE INSIDE LANE OF -L-, CONSTRUCT PAVEMENT WEDGING AND PLACE PCB AND PAVEMENT MARKINGS FOR PHASE 2 PATTERN OF INSIDE LANE ALONG -DET_EBL-. PATTERN MASK ALL CONFLICTING PAVEMENT MARKINGS. (SEE ROADWAY PLANS)

REOPEN RAMPS AND INSIDE LANE IN -DET_EBL- PATTERN TO TRAFFIC AND RECOVER DETOUR SIGNS.

PHASE 2: (CONTINUED)

STEP 2:

AWAY FROM TRAFFIC AND USING LANE CLOSURES (RSD 1101.02 SHEET 3 OF 14), AS NECESSARY, CONSTRUCT THE PROPOSED -DET_WBL- ROADWAY, TEMPORARY GUARDRAIL AND TEMPORARY DRAINAGE. PLACE TMA TO PROTECT EXISTING GUARDRAIL REMOVAL AT STA. 24+50+/- AND PROPOSED GUARDRAIL END AT STA. 34+00+/- . (SEE ROADWAY PLANS AND GENERAL NOTE R OF SHEET TMP-1C)

THE CONTRACTOR MAY ELECT TO BEGIN PHASE 2, STEP 3A OR STEP 3B IN ANY NONCONCURRENT ORDER DURING PHASE 2, 3 OR 4 WHEN RAMPS -Y1RPA- AND -Y1RPB- ARE BOTH OPEN TO TRAFFIC. RAMPS -Y1RPC- AND -Y1RPD- SHALL ONLY BE CLOSED CONCURRENTLY AS PERMITTED DURING -L- (I-40 EB) TRAFFIC SHIFTS.

INTERMEDIATE CONTRACT TIME (21 CALENDAR DAYS):

THE CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE ALL WORK IN PHASE 2, STEP 3A AS STATED BELOW WITHIN 21 CALENDAR DAYS. (SEE ICT AND LD.)

STEP 3A: (SEE SHEET TMP-10, TMP-12, AND TMP-2F)

UNCOVER ALL SIGNS FOR -Y1RPC- OFFSITE DETOUR, THEN CLOSE RAMP -Y1RPC- AND DETOUR RAMP TRAFFIC. (SEE RSD 1101.03 SHEETS 1 AND 2 OF 9).

USING LANE CLOSURES (RSD 1101.02 SHEET 1 OF 14), AS NECESSARY, MAINTAIN ACCESS TO CHERRYVALE AVENUE, CONSTRUCT RAMP, INCLUDING PAVEMENT, DRAINAGE AND GUARDRAIL, AND PLACE TEMPORARY PAVEMENT MARKINGS FOR FINAL PATTERN. (SEE ROADWAY PLANS AND PAVEMENT MARKING PLANS)

REOPEN RAMP -Y1RPC- TO TRAFFIC AND RECOVER DETOUR SIGNS.

INTERMEDIATE CONTRACT TIME (14 CALENDAR DAYS):

THE CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE ALL WORK IN PHASE 2, STEP 3B AS STATED BELOW WITHIN 14 CALENDAR DAYS. (SEE ICT AND LD.)

STEP 3B: (SEE SHEET TMP-11, TMP-12, AND TMP-2G)

UNCOVER ALL SIGNS FOR -Y1RPD- OFFSITE DETOUR, THEN CLOSE RAMP -Y1RPD- AND DETOUR RAMP TRAFFIC. (SEE RSD 1101.03 SHEETS 1 AND 2 OF 9).

USING LANE CLOSURES (RSD 1101.02 SHEET 1 OF 14), AS NECESSARY, MAINTAIN ACCESS TO PARADISE AVENUE*, CONSTRUCT RAMP, INCLUDING PAVEMENT, DRAINAGE AND GUARDRAIL, AND PLACE TEMPORARY PAVEMENT MARKINGS FOR FINAL PATTERN. (SEE ROADWAY PLANS AND PAVEMENT MARKING PLANS)

REOPEN RAMP -Y1RPD- TO TRAFFIC AND RECOVER DETOUR SIGNS.

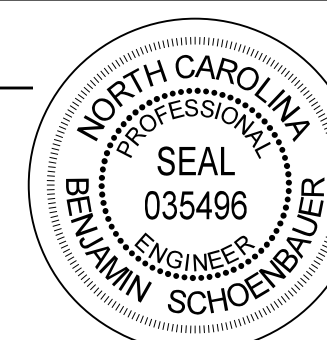
*MAINTAIN ACCESS TO PARADISE AVENUE WITH 2-LANE / 2-WAY PATTERN OR FLAGGING WHEN FLEA MARKET IS OPEN TO THE PUBLIC (SATURDAY AND SUNDAY BUSINESS HOURS).

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 REVISIONS

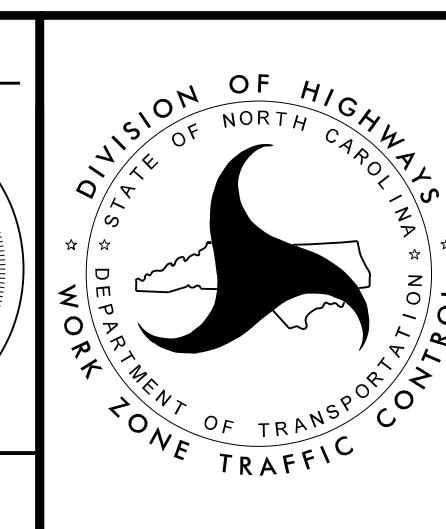
APPROVED: *Ben Schoenberger*

DATE: 5/4/2018

SEAL



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