

PHASING



PROJ. REFERENCE NO.	SHEET NO.
I - 5765	TMP - 3B

SEGMENT 3 WORK OCCUPIES PHASE IX THROUGH PHASE XI (SEE SHEET TMP-11 OVERVIEW AND LOCAL NOTE 1)

NOTE: UPON BEGINNING PHASE IX, STEP 2, TRAFFIC WILL REMAIN IN A SINGLE LANE PATTERN IN EACH DIRECTION UNTIL CONSTRUCTION IS COMPLETE ON ITS RESPECTIVE SIDE IN PHASE XI. MAINTAIN ACCESSES TO/FROM RAMPS AT THE US 601 INTERCHANGE AT ALL TIMES. USE SPEED LIMIT REDUCTION SIGN ARRANGEMENT ON SHEET TMP-2G.

PHASE IX
(WORK ZONE SPEED LIMIT REDUCTION)

STEP 1

INSTALL ADVANCED WORK ZONE WARNING SIGNS ON I-40 AND ALL RAMPS AT US 601 INTERCHANGE ACCORDING TO RSD 1101.01 (SHEET 1 OF 3). PLACE ADDITIONAL CHANGEABLE MESSAGE SIGNS (CMS) ON I-40 IN ADVANCE OF THE WORK ZONE SIGNS, AS DIRECTED BY THE ENGINEER (SEE LOCAL NOTE 3).

STEP 2

USING RSD 1101.02 (SHEETS 4, 9 & 10 OF 15), PLACE I-40 EASTBOUND AND WESTBOUND TRAFFIC IN THE EXISTING OUTSIDE LANES AND CLOSE MEDIAN LANES.

BEHIND LANE CLOSURES, WIDEN I-40 EASTBOUND AND WESTBOUND MEDIAN SHOULDERS FROM -L1- STA 859+50± TO -L2- STA 19+10± (SEE SHEET TMP-12, DETAIL 1).

BACKFILL MEDIAN SHOULDERS BY THE END OF EACH DAILY WORK PERIOD (SEE GENERAL NOTES 'K' & 'L').

WORK IN A CONTINUOUS MANNER UNTIL ALL OF THE MEDIAN SHOULDER WORK IN A DIRECTION IS COMPLETED FOR SEGMENT 3 IN PHASE IX, STEP 2.

STEP 3

USING RSD 1101.02 (SHEETS 4, 9 & 10 OF 15), REMOVE EXISTING YELLOW EDGELINES, PLACE TEMPORARY YELLOW AND WHITE EDGELINES AND SHIFT I-40 EASTBOUND AND WESTBOUND TRAFFIC IN THE MEDIAN LANES/MEDIAN SHOULDERS AND CLOSE OUTSIDE LANES (REFER TO SHEETS TMP-12, DETAIL 2; TMP-13, DETAIL 8; TMP-14, DETAILS 10 & 12).

BEHIND LANE CLOSURES, RECONSTRUCT I-40 EASTBOUND AND WESTBOUND OUTSIDE SHOULDERS FROM -L1- STA 859+50± TO -L2- STA 19+10± (SEE SHEETS TMP-12, DETAIL 2; TMP-13, DETAIL 8; TMP-14, DETAIL 10). REFER TO SHEET TMP-15, DETAILS 14 & 15 FOR ADDITIONAL WIDTH FULL DEPTH PAVED SHOULDERS (SEE LOCAL NOTE 4).

BACKFILL OUTSIDE SHOULDERS BY THE END OF EACH DAILY WORK PERIOD (SEE GENERAL NOTES 'K' & 'L').

WORK IN A CONTINUOUS MANNER UNTIL ALL OF THE OUTSIDE SHOULDER WORK IN A DIRECTION IS COMPLETED FOR SEGMENT 3 IN PHASE IX, STEP 3.

NOTE: WORK IN PHASE X, STEP 1 WORK MAY BE PERFORMED CONCURRENT WITH THE WORK IN PHASE IX, STEP 3.

PHASE X
(WORK ZONE SPEED LIMIT REDUCTION)

STEP 1

USING RSD 1101.02 (SHEETS 4, 9 & 10 OF 15), PERFORM CONCRETE PAVEMENT REMOVAL AND REPLACEMENT IN THE EASTBOUND AND WESTBOUND OUTSIDE LANES IN THE FOLLOWING SEQUENCE (REFER TO SHEETS TMP-12, DETAIL 2A; TMP-13, DETAIL 8; TMP-14, DETAIL 10):

- A. MAINTAIN TRAFFIC IN A ONE-LANE, ONE-WAY PATTERN IN THE MEDIAN LANES/MEDIAN SHOULDERS IN EACH DIRECTION.
- B. INSTALL PCB.
- C. REMOVE AND REPLACE CONCRETE PAVEMENT IN THE OUTSIDE LANES AS SHOWN IN THE CONSTRUCTION PLANS IN SEGMENT 3.
- D. REMOVE AND RESET PCB FOR NEXT WORK AREA, AS DIRECTED BY THE ENGINEER.
- E. REPEAT PHASE X, STEPS 1A THROUGH 1D UNTIL ALL OF THE CONCRETE PAVEMENT REMOVAL AND REPLACEMENT WORK IS COMPLETED FOR SEGMENT 3 IN EASTBOUND AND WESTBOUND OUTSIDE LANES.

STEP 2

USING RSD 1101.02 (SHEETS 4, 9 & 10 OF 15), PERFORM CONCRETE PAVEMENT REMOVAL AND REPLACEMENT IN THE EASTBOUND AND WESTBOUND MEDIAN LANES IN THE FOLLOWING SEQUENCE (REFER TO SHEETS TMP-12, DETAIL 3; TMP-13, DETAIL 9; TMP-14, DETAILS 11 & 13).

- A. MAINTAINING TRAFFIC IN THE TEMPORARY ONE-LANE PATTERN IN PHASE X, STEP 1, REMOVE CONFLICTING WHITE EDGELINES AND PLACE PAVEMENT MARKINGS.
- B. SHIFT TRAFFIC INTO A ONE-LANE, ONE-WAY PATTERN ON THE OUTSIDE LANE/OUTSIDE SHOULDER (REFER TO SHEET TMP-15, DETAILS 14 & 15 FOR ON-RAMP TIES).
- C. INSTALL PCB.
- D. REMOVE AND REPLACE CONCRETE PAVEMENT IN THE MEDIAN LANES AS SHOWN IN THE ROADWAY PLANS FOR SEGMENT 3.
- E. REMOVE AND RESET PCB FOR NEXT WORK AREA, AS DIRECTED BY THE ENGINEER.
- F. REPEAT PHASE X, STEPS 2C THROUGH 2E UNTIL ALL OF THE CONCRETE PAVEMENT REMOVAL AND REPLACEMENT WORK IS COMPLETED FOR SEGMENT 3 IN EASTBOUND AND WESTBOUND MEDIAN LANES.

PHASE XI
(WORK ZONE SPEED LIMIT REDUCTION)

STEP 1

USING RSD 1101.02 (SHEET 4 OF 15), MAINTAIN I-40 EASTBOUND AND WESTBOUND TRAFFIC IN THE ONE-LANE PATTERNS FROM PHASE X, STEP 2.

BEHIND DRUMS AND USING RSD 1101.02 (SHEETS 9 & 10 OF 15), PAVE MEDIAN LANE AND SHOULDER UP THROUGH THE FIRST LAYER OF SURFACE COURSE, INCLUDING PROPOSED/TEMPORARY TIE-INS TO EXISTING PAVEMENT, AS SHOWN IN THE ROADWAY PLANS. CONSTRUCT TEMPORARY ASPHALT RAMP-DOWNS FROM THE PROPOSED SURFACE COURSE TO THE EXISTING PAVEMENT TO ALLOW ACCESS TO ENTRANCE AND EXIT RAMPS AT US 601 (REFER TO SHEET TMP-12, DETAIL 4).

FOR PAVING THE MEDIAN LANE AND SHOULDER TIE FROM -L1- STA 865+00± TO STA 868+00±, REPLACE DRUMS WITH PCB (REFER TO SHEET TMP-13, DETAIL 9).

PLACE TEMPORARY PAVEMENT MARKINGS ON MEDIAN LANE/SHOULDER FOR TEMPORARY PATTERN IN PHASE XI, STEP 2.

STEP 2

USING RSD 1101.02 (SHEETS 4 OF 15), SHIFT I-40 EASTBOUND AND WESTBOUND TRAFFIC TO ONE-LANE PATTERNS IN THE MEDIAN LANE/SHOULDER (SEE SHEET TMP-12, DETAIL 5).

BEHIND DRUMS AND USING RSD 1101.02 (SHEETS 9 & 10 OF 15), PAVE OUTSIDE LANE AND SHOULDER UP THROUGH THE FIRST LAYER OF SURFACE COURSE, INCLUDING PROPOSED/TEMPORARY TIE-INS TO EXISTING PAVEMENT, AS SHOWN IN THE ROADWAY PLANS. REPLACE/INSTALL GUARDRAIL ALONG OUTSIDE SHOULDER. MAINTAIN ACCESS TO RAMPS AT ALL TIMES (REFER TO SHEET TMP-12, DETAIL 5 AND LOCAL NOTE 4).

FOR PAVING THE OUTSIDE LANE AND SHOULDER TIE FROM -L1- STA 865+00± TO STA 868+00±, REPLACE DRUMS WITH PCB (REFER TO SHEET TMP-13, DETAIL 8).

PLACE TEMPORARY PAVEMENT MARKINGS IN PROPOSED OUTSIDE LANE FOR TEMPORARY PATTERN IN PHASE XI, STEP 3.

STEP 3

MAINTAINING TRAFFIC IN ON-LANE PATTERNS AND USING RSD 1101.02 (SHEETS 4 OF 15), REMOVE REMAINING PCB AND SHIFT I-40 EASTBOUND AND WESTBOUND TRAFFIC TO THE OUTSIDE LANE IN EACH DIRECTION (REFER TO SHEET TMP-12, DETAIL 6).

REMOVE CONFLICTING EDGELINE MARKINGS AND PLACE TEMPORARY YELLOW EDGELINE ALONG MEDIAN LANES.

STEP 4

OPEN EASTBOUND AND WESTBOUND TO EXISTING FOUR-LANE/2-WAY PATTERN (REFER TO SHEET TMP-12, DETAIL 7).

PHASE XII
(WORK ZONE "VARIABLE" SPEED LIMIT REDUCTION)
(SEE LOCAL NOTE 2)

NOTE: PERFORM PHASE XII, STEP 1 WORK DURING EXTENDED WEEKDAY LANE CLOSURES BEGINNING MONDAY 12:00AM (MIDNIGHT). TRAFFIC MUST BE RETURNED TO FOUR-LANE/TWO-WAY PATTERN BY FRIDAY 12:00PM (NOON).

STEP 1

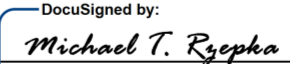
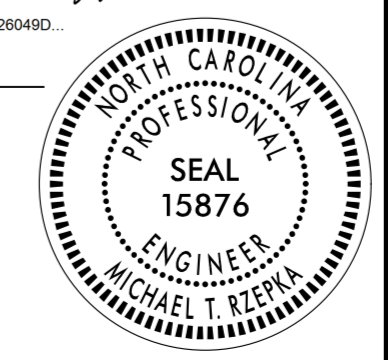

USING RSD 1101.02 (SHEETS 4, 9 & 10 OF 15), COMPLETE THE FOLLOWING IN SEGMENTS 1, 2 & 3:

- PAVE FINAL LAYER OF SURFACE COURSE
- PLACE FINAL PAVEMENT MARKINGS AND FINAL MARKERS
- MILL RUMBLE STRIPS INTO MEDIAN AND OUTSIDE SHOULDERS

STEP 2

REMOVE ALL TRAFFIC CONTROL DEVICES WITHIN THE PROJECT LIMITS.

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APPROVED:  DATE: 12/19/2016			<h2 style="margin: 0;">PHASING</h2>
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