

# PHASING

## NOTES:

- RSD REFERS TO ROADWAY STANDARD DRAWING.
- UNLESS OTHERWISE SPECIFIED, CONSTRUCTION FOR PHASE I THROUGH PHASE III, STEP 2 IS UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE.
- CONSTRUCTION ON US 311 (-Y1-) AND WILLISTON ROAD (-Y2-) MAY BE PERFORMED INDEPENDENTLY OF ONE ANOTHER.
- CONSTRUCTION OF OLD WALKERTOWN ROAD (-Y3-) AND NORTHAMPTON DRIVE (-Y4-) TIE (PHASE I, STEP 3) MAY BE PERFORMED INDEPENDENTLY OF THE CONSTRUCTION ON US 311 (-Y1-) AND WILLISTON ROAD (-Y2-).

## PHASE I

### STEP 1

INSTALL ALL ADVANCE WORK ZONE WARNING SIGNS ON -Y1- (US 311) AND -Y2- (WILLISTON RD) ACCORDING TO RSD 1101.01 (SHEET 3 OF 3).

### STEP 2

USING RSD 1101.02 (SHEET 1 OF 15) AND AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF THE FOLLOWING (SEE LOCAL NOTE 1) (SEE SHEETS TMP-4 THRU TMP-6 & TMP-9 AND ROADWAY PLANS):

- L- STA 373+00± TO -L- STA 385+00± (GRADING ONLY)
- L- STA 385+00± TO -L- STA 406+50±
- L- STA 408+50± TO -L- STA 424+50±
- L- STA 426+50± TO -L- STA 446+00±
- L- STA 449+25± TO -L- STA 478+00±
- Y1- STA 11+00± TO -Y1- STA 23+40± (RIGHT SIDE WIDENING, UP TO EDGE AND ELEV. OF EXISTING)
- Y1- STA 23+40± TO -Y1- STA 34+00± (INCLUDING STRUCTURE)
- Y1RPB- STA 10+00± TO -Y1RPB- STA 31+20±
- Y1LPB- STA 11+00± TO -Y1LPB- STA 20+50±
- Y1RPC- STA 10+00± TO -Y1RPC- STA 32+00±
- Y1RPD- STA 10+00± TO -Y1RPD- STA 14+10±
- Y1RPD- STA 16+10± TO -Y1RPD- STA 32+50±
- Y2- STA 10+00± TO -Y2- STA 15+00± (WEDGING & WIDENING, LEFT & RIGHT SIDES)
- SRSA-
- INSTALLATION OF SIGNAL FRAMEWORK AT -Y1- INTERCHANGE.

USING RSD 1101.02 (SHEET 1 OF 15) AND AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE LOCAL NOTE 1) (SEE SHEETS TMP-6 THRU 9):

- Y1DET- STA 15+95± TO -Y1DET- STA 18+46± (WIDENING UP TO EDGE & ELEV. OF EXIST.)
- Y1DET- STA 18+46± TO -Y1DET- STA 30+60±
- Y1DET- STA 30+60± TO -Y1DET- STA 33+50± (WIDENING UP TO EDGE & ELEV. OF EXIST.)
- Y2DET- STA 15+00± TO -Y2DET- STA 16+60± (WIDENING UP TO EDGE & ELEV. OF EXIST.)
- Y2DET- STA 16+60± TO -Y2DET- STA 26+43±
- Y2DET- STA 26+43± TO -Y2DET- STA 28+00± (WIDENING UP TO EDGE & ELEV. OF EXIST.)

AWAY FROM TRAFFIC, BEGIN INSTALLATION OF ITS (SEE ITS PLANS).

INSTALL DETOUR SIGNS FOR -Y3- DETOUR AND COVER. INSTALL AND ACTIVATE CMS BOARDS 7 DAYS BEFORE CLOSING OLD WALKERTOWN ROAD (-Y3-). (SEE SHEETS TMP-2A THRU 2D).

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 3 IN THIRTY (30) CONSECUTIVE CALENDAR DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

### STEP 3

UNCOVER OFFSITE DETOUR SIGNS INSTALLED IN STEP 2 (SEE SHEETS TMP-2A & 2B). USING RSD 1101.03 (SHEET 1 OF 9), CLOSE -Y3- FROM -Y2- STA 12+00± TO -Y2- STA 33+00± AND -Y4- ACCESS TO -Y3- (SEE SHEET TMP-2B).

AWAY FROM TRAFFIC, CONSTRUCT -Y3- STA 14+25± TO STA 23+00± AND -Y4- STA 11+20± TO -Y3-, INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE SHEET TMP-2B).

PLACE PERMANENT MARKINGS AND MARKERS PER FINAL SIGNING AND DELINEATION PLANS AND OPEN -Y3- & -Y4- TO TRAFFIC. REMOVE OFFSITE DETOUR SIGNS AND DEVICES.

## PHASE II

### STEP 1

USING RSD 1101.02 (SHEET 1 OF 15), WEDGE PAVEMENT TIE TO -Y1DET-, PLACE TEMPORARY MARKINGS AND MARKERS ON -Y1DET- AND TIE TO EXISTING, AND SHIFT TRAFFIC ONTO -Y1DET-. CLOSE EXISTING US 311 ROADWAY AT DETOUR LIMITS TO TRAFFIC (SEE SHEETS TMP-10 & 11).

USING RSD 1101.02 (SHEET 1 OF 15), WEDGE PAVEMENT TIE TO -Y2DET-, PLACE TEMPORARY MARKINGS AND MARKERS ON -Y2DET- AND TIE TO EXISTING, AND SHIFT TRAFFIC ONTO -Y2DET-. CLOSE EXISTING WILLISTON ROAD AT DETOUR LIMITS TO TRAFFIC (SEE SHEETS TMP-12 & 13).

### STEP 2

AWAY FROM TRAFFIC, CONSTRUCT -Y2- STRUCTURE (SEE SHEET TMP-13).

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT THE FOLLOWING (SEE LOCAL NOTE 1) (SEE SHEETS TMP-10 THRU 13):

- Y1- STA 34+00± TO -Y1- STA 49+25±
- Y2- STA 15+00± TO -Y2- STA 26+50±

COMPLETE CONSTRUCTION OF -Y1- AND -SRSA- BEGUN IN PHASE I.

## PHASE III

COMPLETE THE WORK REQUIRED IN PHASE III, STEP 1A IN ONE WEEKEND FROM 6:00PM FRIDAY TO 6:00AM THE FOLLOWING MONDAY (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

### STEP 1A

USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY MARKINGS AND MARKERS ON -Y1- AND TIE TO EXISTING MARKINGS. SHIFT TRAFFIC TO -Y1- IN THE TEMPORARY PATTERN SHOWN (SEE SHEETS TMP-14 THRU 17). CLOSE -Y1DET- TO TRAFFIC.

COMPLETE THE WORK REQUIRED IN PHASE III, STEP 1B IN ONE WEEKEND FROM 6:00PM FRIDAY TO 6:00AM THE FOLLOWING MONDAY (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

### STEP 1B

USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY MARKINGS AND MARKERS ON -Y2- AND TIE TO EXISTING MARKINGS. SHIFT TRAFFIC TO FINAL PATTERN ON -Y2- AND CLOSE -Y2DET- TO TRAFFIC (SEE SHEETS TMP-18 & 19). OPEN -SRSA-. CLOSE EXISTING DILLON FARM ROAD AT -L-.

### STEP 2

USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT -Y1- STA 11+00± TO -Y1- STA 23+40± (LEFT SIDE WIDENING, SHOULDER WORK, PAVEMENT REMOVAL AND WEDGING OF -Y1-). (SEE SHEETS TMP-14 THRU 17).

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15), REMOVE -Y1DET- AND -Y2DET- (SEE SHEETS TMP-14 THRU 19).

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT REMAINING SECTIONS OF THE FOLLOWING:

- L- STA 406+50± TO -L- STA 408+50±
  - L- STA 424+50± TO -L- STA 426+50±
  - L- STA 446+00± TO -L- STA 449+25±
  - Y1RPB- STA 31+20± TO -Y1RPB- STA 32+80±
  - Y1LPB- STA 20+50± TO -Y1LPB- STA 22+10±
  - Y1RPC- STA 32+00± TO -Y1RPC- STA 33+00±
  - Y1RPD- STA 14+10± TO -Y1RPD- STA 16+10±
- TURNAROUND ON EXISTING DILLON FARM ROAD

COMPLETE THE CONSTRUCTION OF -L-, -Y1RPB-, -Y1LPB-, -Y1RPC-, -Y1RPD- BEGUN IN PHASE I, INCLUDING SIGNAL FRAMEWORK AT -Y1- INTERCHANGE.

COMPLETE INSTALLATION OF ITS.

### STEP 3

AT -Y1- LOCATION, USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING:

- CONSTRUCT MONOLITHIC ISLANDS ON -Y1- (SEE ROADWAY PLANS)
- PLACE FINAL LAYER OF SURFACE COURSE ON -Y1-
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS ON -Y1- PER FINAL PAVEMENT MARKING PLANS AND SHIFT TRAFFIC TO FINAL PATTERN.

AT -Y2- LOCATION, USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING:

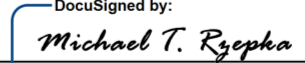
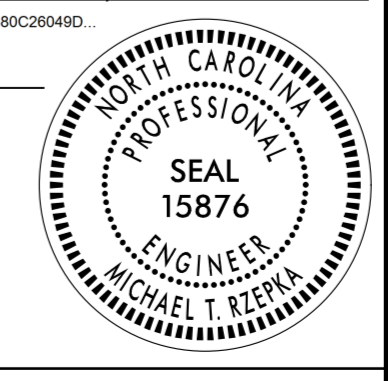
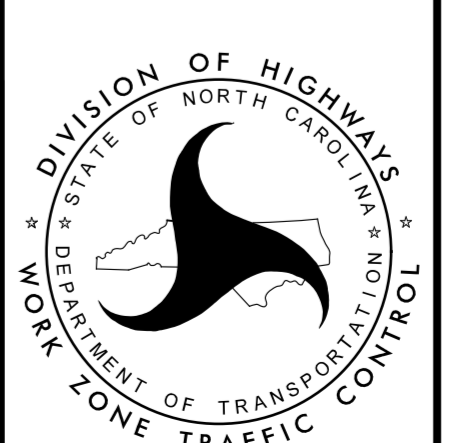
- PLACE FINAL LAYER OF SURFACE COURSE ON -Y2-
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS PER FINAL PAVEMENT MARKING PLANS.

ON -L- AND -Y1- RAMPS & LOOPS, AWAY FROM TRAFFIC COMPLETE THE FOLLOWING:

- PLACE FINAL LAYER OF SURFACE COURSE ON -Y1- RAMPS AND LOOPS.
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS PER FINAL PAVEMENT MARKING PLANS.
- OPEN -L- FROM -Y1- TO US 158, -Y1LPB- AND -Y1RPD- TO FINAL PATTERN. -L- WEST OF -Y1-, -Y1RPB- AND -Y1RPC- TO REMAIN CLOSED (SEE SHEET TMP-20 AND LOCAL NOTES 2 & 3).
- INSTALL SIGNING OVERLAYS ON OVERHEAD SIGNS AT MAINLINE AND US 421 INTERCHANGE, USING RSD 1101.02 (SHEETS 4 & 10) (SEE SIGNING PLANS FOR SIGN LOCATIONS).

### STEP 4

REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES.

APPROVED:  DATE: 7/5/2017			PHASING
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			