# **PHASING**

NOTES: - PROJECT IS DIVIDED INTO THE FOLLOWING AREAS. EACH AREA CAN BE WORKED ON INDEPENDENTLY FROM THE OTHER TWO AREAS UNLESS OTHERWISE NOTED IN PHASING.

- FOR LANE CLOSURES, REFER TO ROADWAY STANDARD DRAWING 1101.02. SHEETS 1 & 2 OF 14.

- "RSD" REFERS TO NCDOT ROADWAY STANDARD DRAWINGS

- ALL PROPOSED ASPHALT ROADWAY CONSTRUCTION IS UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE IN PHASES I THROUGH III IN ALL AREAS, UNLESS OTHERWISE NOTED.

- COORDINATE CONSTRÚCTION ACTIVITIES WITH ADJACENT PROJECTS U-2519AB & U-2519BB CONSTRUCTION TO ENSURE CONTINUED SAFETY THROUGH THE WORK ZONE.

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AREA 1: FAYETTEVILLE OUTER LOOP
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-Y13RPA--Y13RPB--Y13RPC-

-Y13RPD-

### AREA 2: CAMDEN ROAD CORRIDOR

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-Y13- (CAMDEN RD.), -Y13DET-
-Y13B-
-Y13E- (FLOWERING BRADFORD WAY)
-Y13F- (CHAMPS CT.)
-Y13G-,
-Y13H- (MILLCREEK RD.)
-Y13I-
-Y13J-
-Y13CUL 1- (FARM CIRCLE RD.)
-Y13CUL<sup>2</sup>- (BAMMEL DR.)
-Y13CUL<sup>3</sup>- (PINE CONE LN.)
-Y13T 1-
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# AREA 3: KING ROAD CORRIDOR

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-Y14- (KING RD.), -Y14DET-
-Y14A-`(MARCELLÉ´DR.)
-Y14B- (BRADDY RD.)
-Y14T 1- (EUNICE DR.)
-Y15A- (EUNICE DR.)
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AREA 4: STONEY POINT ROAD CORRIDOR
-Y16- (STONEY POINT RD.), -Y16DET-
-Y15- (AMOUR DR.)
-Y16A- (BRADDY RĎ.
-Y16B- (BRADDY RD.
-Y16C- (GRIMES RD.)
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# PHASE I

# AREA 1: FAYETTEVILLE OUTER LOOP

# STEP 1

INSTALL WORK ZONE ADVANCE WARNING AND WORK ZONE VEHICLE ACCESS SIGNS AS NECESSARY ON CAMDEN RD., KING RD., AND STONEY POINT RD.

# STEP 2

AWAY FROM TRAFFIC, BEGIN PROPOSED CONSTRUCTION AT THE FOLLOWING LOCATIONS (SEE SHÉETS TMP-6, 11 & 13):

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-L- STA 344+00± TO STA 357+50±
-L- STA 363+00±T0 STA 448+00±
-L- STA 451+50±T0 STA 503+00±
-L- STA 505+50±T0 STA 519+00±
-Y13RPA- STA 10+00 TO STA 28+00±
-Y13RPD- STA 10+00 TO STA 33+00±
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AWAY FROM TRAFFIC AND USING LANE CLOSURES, CONSTRUCT THE FOLLOWING PROPOSED (SEE SHEETS TMP-5-7). PLACE TEMPORARY PAVÉMENT MARKINGS AND MARKERS FOR PHASE II OPENING (SÉE SHEETS TMP-17-19 FOR MARKINGS):

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-L- STA 320+00 TO STA 344+00±
-Y13RPB-/-Y13RPB XOVER- (TIE TO -Y13DET- CONSTRUCTION)
-Y13RPC-/-Y13RPC XOVER- (TIE TO -Y13DET- CONSTRUCTION)
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# AREA 2: CAMDEN ROAD CORRIDOR

# STEP 1

INSTALL WORK ZONE ADVANCE WARNING SIGNS ON CAMDEN RD. (SR 1003), MILL CREEK RD. (SR 3438), FARM CIRCLE RD. (SR 3303), HARVEST CT. (SR 3437), FLOWÈRING BRÁDFORD WAY (SR 4176), CHAMPŚ CT. (SR 3770) ÀND BRAMMÉL DR.

# STEP 2

USING LANE CLOSURES AND AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF PROPOSED AT THE FOLLOWING LOCATIONS (SEE SHEET TMP-4):

-Y13- STA 13+90± TO STA 27+00± (WEDGE & WIDEN EXISTING CAMDEN RD.)

-Y13H- STA 13+70 TO -Y13- (WEDGE & WIDEN EXISTING MILLCREEK RD.) -Y13I-, -Y13I-, -Y13J-& -Y13T 1-

USING LANE CLOSURES AND AWAY FROM TRAFFIC, CONSTRUCT PROPOSED IN THE FOLLOWING LOCATIONS (SEE LOCAL NOTÉ 1 AND SHEETS TMP-5 THRU 9):

-Y13DET- STA 3+32± TO STA 37+70±

> WEDGE TIE TO -Y13RPB XOVER- OVER EXISTING CAMDEN RD. > WEDGE TIE TO -Y13RPC XOVER- OVER EXISTING CAMDEN RD.

> CONSTRUCT TEMPORARY  $\overline{\mathsf{T}}\mathsf{IE}$  TO PINE CONE LN.

-Y13G- (WITH TEMPORARY TIE TO CAMDEN RD.) -Y13CUL 1- & -Y13CUL 2-

### AREA 3: KING ROAD CORRIDOR

### STEP 1

INSTALL WORK ZONE ADVANCE WARNING SIGNS ON KING RD. (SR 1108), SAVANNAH DR., MARCELLE DR., AND BRADDY RD. (SR 1111).

## STEP 2

USING LANE CLOSURES AND AWAY FROM TRAFFIC, CONSTRUCT PROPOSED IN THE FOLLOWING LOCATIONS (SEE SHEET TMP-10 & 11):

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-Y14DET- STA 10+00± TO STA 31+38± (WITH TEMPORARY TIES TO
    MARCELLE DR. AND BRADDY RD.)
-Y14T 1-
-Y15A-
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#### AREA 4: STONEY POINT ROAD CORRIDOR

NOTE: AVAILABILITY OF CONSTRUCTION ALONG STONEY POINT ROAD CORRIDOR BEGINS UPON COMPLETION OF WORK OF PIEDMONT NATURAL GAS (GAS) DISTRIBUTION IN THE STONEY POINT ROAD CORRIDOR (SEE UBO PROJECT SPECIAL PROVISIONS).

# STEP 1

INSTALL WORK ZONE ADVANCE WARNING SIGNS ON STONEY POINT RD. (SR 1112), BRADDY RD. (SR 1111), AMOUR DR. AND GRIMES RD. (SR 1110).

# STEP 2

AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF PROPOSED AT THE FOLLOWING LOCATIONS (SEE SHEET TMP-12):

-Y16A- STA 18+00± TO STA 21+50± -Y16B- STA 10+33± TO STA 13+00±

USING LANE CLOSURES AND AWAY FROM TRAFFIC, CONSTRUCT PROPOSED IN THE FOLLOWING LOCATIONS (SEE SHEETS TMP-12 THRU 15):

-Y16DET- STA 10+00± TO STA 39+95± (WITH TEMPORARY TIES TO BRADDY RD. AND AMOUR DR.) -Y16B- STA 23+30± TO -Y16C-

USING RSD 1101.03 (SHEET 1 OF 9), CLOSE GRIMES ROAD. CONSTRUCT -Y16C- STA 10+50± TO STA 14+00± (INCL. INSTALLATION OF 4-"49"X"33" CSPA) (SEE SHEET TMP-15, AND SHEET TMP-2B FOR DETOUR ROUTE). UPON COMPLETION, PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND OPEN Y16B- STA 23+30±TO Y16C-. REOPEN GRIMES ROAD AND REMOVE DETOUR SIGNING (SEE SHEET TMP-27).

# PHASE II

# AREA 1: FAYETTEVILLE OUTER LOOP

OPEN -L- FROM STA 320+00 TO -Y13RPB- & -Y13RPC- AND OPEN -Y13RPB-& -Y13RPC- (COORDINATE WITH U-2519AB OPENING AND CAMDEN RD. SHIFT)

UPON SHIFTING TRAFFIC TO ONSITE DETOURS IN AREAS 2, 3 & 4 IN PHASE II, AWAY FROM TRAFFIC, BEGIN PROPOSED CONSTRÚCTION AT THE FOLLÓWING LOCATIONS (SEÉ SHEETS TMP-18, 23 & 25):

-L- STA 357+50± TO STA 360+50± -L- STA 449+50± TO STA 451+50± -L- STA 504+50± TO STA 505+50± 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

PROJ. REFERENCE NO SHEET NO. U-2519BA TMP-3

#### AREA 2: CAMDEN BOAD CORRIDOR

#### STEP 1

USING LANE CLOSURES, COMPLETE THE FOLLOWING (SEE SHEETS TMP-16 THRU 20)

- PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT CAMDEN RD TRAFFIC TO -Y13DET- WITH TEMPORARY TIE TO PINE CONE LANE - PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND OPEN ACCESS FROM -Y13DET- TO -Y13RPB- (VIA -Y13RPB XOVER-) AND -Y13RPC-

(VIA -Y13RPC XOVER) (COORDINATE WITH MAINLINE OPENING)

USING LANE CLOSURES, CONSTRUCT THE FOLLOWING (SEE LOCAL NOTE 2 AND SHEETS TMP-16 THRU 20):

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-Y13- STA 27+00± TO STA 30+50± (WEDGE & WIDEN RIGHT)
-Y13- STA 30+50± TO STA 39+00± (PARTIAL WIDTH RIGHT)
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-Y13- STA 39+00± TO STA 54+00± (FULL WIDTH NEW CONST., INCL. -Y13- STA 54+00± TO STA 62+00± (WEDGE & WIDEN RIGHT)

-Y13- STA 62+00± TO STA 72+83± (WEDGE & WIDEN LEFT AND RIGHT) -Y13E- FROM -Y13- TO -Y13E- STA 12+00± (WEDGE & WIDEN LEFT

-Y13F- FROM -Y13- TO -Y13F- STA 11+35± (WEDGE & WIDEN LEFT AND RIGHT)

#### AREA 3: KING ROAD CORRIDOR

NOTES: - AREA 3, PHASE II, STEP 1 AND STEP 2 MAY BE PERFORMED

SIMULTANEOUSLY.

-Y13CUL\_3- CUL-DE-SAC

- COORDINATE THE WORK IN PHASE II STEPS TO MINIMIZE THE TIME BETWEEN THE CLOSURE OF BRADDY ROAD ACCESS TO KING ROAD AND THE REOPENING OF BRADDY ROAD ACCESS WITH THE TRAFFIC SHIFT TO -Y14- AT THE END OF PHASE II, STEP 2. - AREA 3, PHASE II, STEP 2 CLOSURE OF BRADDY RD. ACCESS TO KING RD. SHALL NOT COINCIDE WITH THE CLOSURE OF BRADDY RD. ACCESS TO STONEY POINT RD. IN AREA 4, PHASE III, STEP 1.

#### STEP 1

USING LANE CLOSURES, PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT KING RD. TRAFFIC TO -Y14DET-. MAINTAIN ACCESSES TO MARCELLE DR. AND BRADDY RD. (SEE SHEETS TMP-22 & 23).

USING LANE CLOSURES AND AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING (SEE SHEETS TMP-22 & 23):

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-Y14- STA 9+80± TO STA 15+50± (WEDGE & WIDEN LEFT AND RIGHT)
-Y14- STA 15+50± TO STA 28+00± (FULL WIDTH NEW CONSTRUCTION)
-Y14- STA 29+50± TO STA 32+60± (WEDGE & WIDEN LEFT AND RIGHT)
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NOTE: COMPLETE THE FOLLOWING WORK IN AREA 3, PHASE II, STEP 2 IN A CONTINUOUS MANNER TO MINIMIZE CLOSURE TIME OF BRADDY ROAD ACCESS TO KING ROAD.

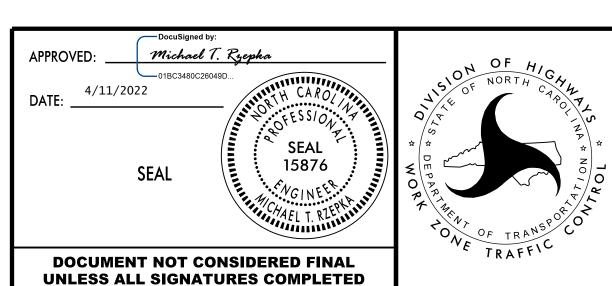
# STEP 2

USING RSD 1101.03 (SHEETS 1 & 2 OF 9), INSTALL DETOUR SIGNS AND CLOSE BRADDY ROAD ACCESS TO KING ROAD (SEE SHEET TMP-2C FOR DETOUR).

AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING (SEE SHEET TMP-23):

-Y14- STA 28+00± TO STA 29+50± (FULL WIDTH) -Y14B- FROM -Y14- TO -Y14B- STA 11+70±

UPON COMPLETION, USE LANE CLOSURES TO PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT KING RD. TRAFFIC TO -Y14- (FINAL PATTERN). OPEN -Y14B- ACCESS TO -Y14- (SEE SHEETS TMP-33 & 34) AND REMOVE DETOUR SIGNING.



PHASING