



PROJ. REFERENCE NO.	SHEET NO.
R-2603	TMP-3A

NOTES: - 'RSD' REFERS TO NCDOT ROADWAY STANDARD DRAWINGS
 - ALL PROPOSED ASPHALT ROADWAY CONSTRUCTION IS UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE UNLESS OTHERWISE NOTED.

PHASE I

STEP 1

INSTALL ALL ADVANCE WORK ZONE WARNING SIGNS AND CMS BOARDS ON NC 18, NC 268 AND ALL AFFECTED Y-LINES (SEE RSD 1101.01, SHEETS 2 & 3).

STEP 2

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEETS 1, 3 & 7 OF 15), BEGIN INSTALLATION OF PROPOSED DRAINAGE EXCEPT FOR PROPOSED CULVERT AT -L- STA 59+43±. FOR INSTALLATION OF 48" PIPE UNDER -Y2- (STR. #427), USE RSD 1101.03 (SHEET 2 OF 9), TO CLOSE FLINT HILL ROAD (-Y2-) ACCESS TO/FROM NC 268 (SEE LOCAL NOTE 2 AND SHEET TMP-2C FOR DETOUR ROUTE AND SIGNING).

USING RSD 1101.02 (SHEET 1 OF 15), INSTALL TEMPORARY SIGNAL AT NC 268 AND AIRPORT ROAD/RIVER LIBERTY GROVE CHURCH ROAD AND ACTIVATE. DEACTIVATE EXISTING SIGNAL.

USING RSD 1101.02 (SHEETS 3 & 7 OF 15), BEGIN WEDGING/WIDENING OF EXISTING PAVEMENT (SEE SHEETS TMP-4 THRU TMP-7 & TMP-18) (SEE LOCAL NOTE 1):

- L- STA 10+38± TO STA 47+00± LEFT
- L- STA 10+38± TO STA 55+00± RIGHT
- Y1-, -Y1A- & -Y2-

USING RSD 1101.02 (SHEET 1 OF 15), BEGIN CONSTRUCTION OF THE FOLLOWING (SEE SHEETS TMP-5 & TMP-6):

- Y3- WEDGING/WIDENING OF EXISTING
- Y4- WEDGING/WIDENING OF EXISTING
- Y5- WEDGING/WIDENING OF EXISTING

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15), BEGIN CONSTRUCTION OF THE FOLLOWING (SEE SHEETS TMP-7 THRU TMP-17 & TMP-19):

- EB -L- STA 64+00± TO STA 80+63±
- EB -L- STA 81+50± TO STA 86+50±
- EB -L- STA 87+25± TO STA 98+50±
- EB -L- STA 114+00± TO STA 120+00±, EXCLUDING STRUCTURE
- WB -L- STA 139+00± TO STA 144+00±
- WB -L- STA 147+50± TO STA 162+00±
- WB -L- STA 164+50± TO STA 182+00± (EXISTING AIRPORT ROAD)
- WB -L- STA 182+45± (EXISTING AIRPORT ROAD) TO -L- STA 189+20±
- Y18- STA 23+15± TO STA 27+30±
- TEMPORARY MEDIAN CROSSOVER -XOVR2- FROM PROPOSED WB LANES AT -L- STA 170+50± TO EXISTING NC 268 AT -L- STA 178+00±
- Y16DET- STA 11+38± TO STA 16+75±

BEHIND EXISTING GUARDRAIL, INSTALL TEMPORARY SHORING AND BEGIN CONSTRUCTION OF -L- PROPOSED STRUCTURE OVER MULBERRY CREEK (SEE SHEET TMP-11).

USING RSD 1101.02 (SHEET 1 OF 15), BEGIN CONSTRUCTION OF TEMPORARY WIDENING UP TO EDGE AND ELEVATION OF EXISTING NC 268 (LEFT) FROM -L- STA 133+50± TO STA 139+00± (TYING TO PROPOSED WB LANES) (SEE SHEET TMP-13).

USING RSD 1101.02 (SHEET OF 15), BEGIN PROPOSED WEDGING/WIDENING AT THE FOLLOWING LOCATIONS (SEE SHEETS TMP-16, TMP-17 & TMP-19):

- NC 268 (RIGHT SIDE) FROM -L- STA 177+00± TO STA 182+20± (EXISTING RIVER LIBERTY GROVE CHURCH ROAD)
- NC 268 (RIGHT SIDE) FROM -L- STA 182+85± (EXISTING RIVER LIBERTY GROVE CHURCH ROAD) TO -L- 195+00±
- NC 268 (LEFT SIDE) FROM -L- STA 189+20± TO STA 195+30±
- AIRPORT ROAD (LEFT SIDE) FROM -Y18- STA 17+50± TO STA 23+15±
- AIRPORT ROAD (LEFT SIDE) FROM -Y18- STA 27+30 TO -L- STA 182+45± (PROPOSED WB LANES OF -L-)

USING RSD 1101.02 (SHEET 1 OF 15) AND AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING (SEE SHEETS TMP-9 THRU TMP-11, TMP-14 & TMP-15):

- EB -L- STA 106+00± TO STA 107+00±
- WB -L- STA 163+30± TO STA 164+50±
- Y7DET- FROM EXISTING LEGION ROAD TO EXISTING NC 268
- Y9DET- STA 10+10± TO STA 14+00± AND TIE TO EXISTING NC 268
- DRIVE6- (PARTIAL, ENOUGH FOR ONE LANE) -DRIVE6- STA 9+87± TO STA 13+33± WITH TEMPORARY TIE TO EXISTING NC 268
- Y12- STA 10+00± TO STA 16+25± WITH TEMPORARY TIE TO EXISTING NC 268
- Y15- STA 10+10± TO STA 11+64± WITH TEMPORARY TIE TO EXISTING VISTA LANE
- Y17- STA 11+15± TO STA 19+10± WITH TEMPORARY TIE TO EXISTING NC 268

USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT THE FOLLOWING TEMPORARY WIDENING UP TO EDGE AND ELEVATION OF EXISTING NC 268 (LEFT) (SEE SHEETS TMP-7 & TMP-10 THRU TMP-12):

- L- STA 54+95± TO STA 60+83±
- L- STA 103+50± TO STA 115+00±
- L- STA 121+68± TO STA 131+50±

STEP 3

USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING ON NC 268 FROM -L- STA 54+95± TO STA 62+30± (SEE SHEET TMP-20):

- PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS (ERASE CONFLICTING MARKINGS)
- SHIFT TRAFFIC TO TEMPORARY WIDENING LEFT OF EXISTING NC 268
- OPEN -Y7DET- AND CLOSE EXISTING LEGION ROAD ACCESS TO NC 268
- INSTALL PCB FROM -L- STA 56+35± TO STA 62+00±

USING RSD 1101.02 (SHEET 1 OF 15) AND AWAY FROM TRAFFIC, INSTALL TEMPORARY SHORING AND CONSTRUCT RIGHT PORTION OF PROPOSED CULVERT (-L- STA 59+43±). CONSTRUCT -L- DETOUR- FROM -L- STA 55+00± TO STA 62+57± AND TIE TO EXISTING NC 268 (SEE SHEET TMP-20). INSTALL PCB ALONG EB -L- DETOUR- (SEE SHEET TMP-31 FOR PCB LOCATION).

USING RSD 1101.02 (SHEET 1 OF 15), BEGIN CONSTRUCTION OF THE FOLLOWING (SEE SHEET TMP-20):

- L- STA 47+00± TO STA 51+65±
- Y6- STA 10+50± TO -L-

USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT THE FOLLOWING (SEE SHEET TMP-20):

- L- STA 51+65± TO STA 54+00±
- Y7- (TIE TO PROPOSED WIDENING OF -L-)
- DRIVE2-

USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT TRAFFIC TO TEMPORARY WIDENING LEFT OF EXISTING NC 268 AT THE FOLLOWING LOCATIONS (SEE SHEETS TMP-22 THRU TMP-24):

- L- STA 103+50± TO STA 115+00±
- L- STA 121+00± TO STA 131+50±

OPEN AND SHIFT TRAFFIC TO -Y9DET-. CLOSE SIDNEY AVENUE (-Y9-). USING RSD 1101.02 (SHEET 1 OF 15) AND AWAY FROM TRAFFIC CONSTRUCT THE FOLLOWING (SEE SHEET TMP-21):

- EB -L- STA 80+63± TO STA 81+50±
- Y9- STA 9+90± TO STA 13+25± WITH A TEMPORARY TIE TO EXISTING NC 268

SHIFT TRAFFIC TO -DRIVE6- (ONE-LANE/TWO-WAY) AND TEMPORARY TIE AND CLOSE EXISTING DRIVE. USING FLAGGING, BEGIN CONSTRUCTION OF REMAINING PORTION OF -DRIVE6- (SEE SHEET TMP-22).

USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT TRAFFIC TO -Y12- AND CLOSE EXISTING FLINT HILL ROAD. CONSTRUCT -Y12- DRIVE TIES, INCLUDING -DRIVE3- STA 10+10± TO STA 13+48± (SEE SHEETS TMP-22 & TMP-23).

AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF THE FOLLOWING PROPOSED (SEE SHEETS TMP-22 THRU TMP-25):

- EB -L- STA 98+50± TO STA 106+00±
- EB -L- STA 107+00± TO STA 114+00±
- EB -L- STA 120+00± TO STA 135+00±

USING FLAGGING, SHIFT TRAFFIC TO -Y15- AND CLOSE EXISTING QUEEN DRIVE. USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT -Y16DET- FROM STA 16+75± TO STA 17+42± (EXISTING NC 268). AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF PROPOSED WB LANES FROM -L- STA 144+00± TO STA 145+50± (SEE SHEETS TMP-25 & TMP-26).

COMPLETE CONSTRUCTION OF -Y16DET- STA 11+38± TO STA 16+75± BEGUN IN PHASE I, STEP 2.

USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT TRAFFIC TO -Y17- AND CLOSE EXISTING BEAUMONT POPLAR STREET. BEGIN CONSTRUCTION OF PROPOSED WB LANES FROM -L- STA 162+00± TO STA 163+30± AND REMOVAL OF EXISTING BEAUMONT POPLAR STREET (SEE SHEET TMP-27).

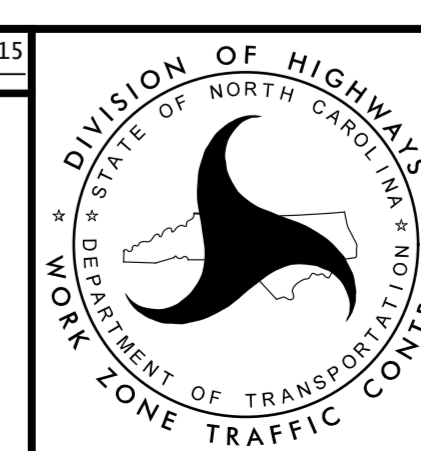
STEP 4

SHIFT TRAFFIC TO -Y9- WITH TEMPORARY TIE TO EXISTING NC 268 AND CLOSE -Y9DET-. AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF PROPOSED EB LANES FROM -L- STA 86+50± TO STA 87+25± AND REMOVE -Y9DET- (SEE SHEET TMP-28).

USING RSD 1101.02 (SHEET 1 OF 15), SHIFT TRAFFIC TO -Y16DET-. USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT -Y16- WITH TEMPORARY TIE TO EXISTING NC 268. AWAY FROM TRAFFIC, CONSTRUCT PROPOSED WB LANES FROM -L- STA 146+20± TO STA 147+30± (SEE SHEET TMP-29).

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APPROVED: *Michael T. Reppa* DATE: 5/15/2015



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