DocuSign Envelope ID: F68F4E35-E0B7-4828-B448-2CD19804A9AE

PROJ. REFERENCE NO.	SHEET NO.
U-3615B	TMP-3

PHASE I

SEE LOCAL NOTES 1-13 ON SHEET TMP-1C.

STEP 1:

INSTALL WORK ZONE ADVANCE WARNING SIGNS ON PROJECT PER RSD 1101.01, SHEET 3 OF 3.

STEP 2: (TMP 4, 4A-4N, 4U)

UNLESS OTHERWISE NOTED, FOR STEP 2 USE TEMPORARY LANE CLOSURES (RSD 1101.02 SHEET 1 OF 15) WITH TRAFFIC RETURNED TO THE EXISTING TRAFFIC PATTERN AT THE END OF EACH WORKDAY.

CLOSE WATERVIEW RD. AS SHOWN ON SHEET TMP-4F & TMP-4U. WITH WATERVIEW RD. TRAFFIC ON DETOUR, INSTALL PCB & TEMPORARY SHORING AT LOCATION 1 & LOCATION 2 (SEE TMP-4F). BEHIND PCB BEGIN CONSTRUCTION OF BRIDGE STRUCTURE STAGE 1 OVER OAK HOLLOW LAKE AND RT LANE BRIDGE OVER COLONIAL PIPELINE (REFER TO STRUCTURE PLANS).

BEGIN CONSTRUCTION OF CULVERT STAGE 1 STA. 266+36 AWAY FROM EXISTING TRAFFIC (TMP-4H).

INSTALL PHASE I TEMPORARY SIGNALS AS FOLLOWS:
- JOHNSON ST.(-Y30-)
- BARROW RD. (-L- STA. 254+00)
- BRADDOCK RD.(Y43)
- OAK HOLLOW SHOPPING CENTER WESTERN DRIVEWAY (-L- STA.337+00)
- EASTCHESTER DR.(-Y47-)

ONCE SIGNAL AT -L- STA.337+00 OAK HOLLOW SHOPPING CENTER IS INSTALLED, CLOSE THE OTHER SHOPPING CENTER DRIVEWAY AT STA. 343+50 LT. (TMP-4N).

MAY BEGIN INSTALLATION OF FINAL SIGNALS AS FOLLOWS:

- WATERVIEW RD.(-Y34-)
- KENDALE RD.(-Y35-)
- BIRCHGARDEN DR.(-Y45-)

BEGIN TEMPORARY PAVEMENT ALONG -L- LEFT SIDE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT AS FOLLOWS:

STA. 207+21 - 215+00 LEFT SIDE
STA. 242+75 - 247+50 LEFT SIDE
STA. 259+90 - 269+30 LEFT SIDE
STA. 299+00 - 340+10 LEFT SIDE

CONSTRUCT PAVEMENT BETWEEN PROPOSED LEFT SIDE AND EXISTING PAVEMENT -L- STA. 193+50-194+75 (USED FOR -Y32- AND DRIVEWAY TEMPORARY ACCESS).

CONSTRUCT PROPOSED WIDENING -L- STA. 169+50-177+75 LT/RT SIDES AND WEDGE OVER THE EXISTING. CONSTRUCT UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

BEGIN PROPOSED -L- AS FOLLOWS:

STA. 177+75 - 185+30 LEFT SIDE & UP TO EXISTING EOP
STA. 177+75 - 179+50 RIGHT SIDE UP TO EXISTING EOP
STA. 185+30 - 207+21 LEFT SIDE
STA. 247+50 - 259+90 LEFT SIDE
STA. 269+30 - 299+00 LEFT SIDE
STA. 340+10 - 348+41 (END PROJECT) LEFT SIDE

STA. 212+00 - 247+00 RIGHT SIDE
STA. 252+00 - 348+41 (END PROJECT) RIGHT SIDE

BEGIN KENDALE RD.(-Y35-) WIDENING UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT (TMP-4F).

CONSTRUCT JOHNSON ST.(-Y30-) WIDENING UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT. WHEN CONSTRUCTING DRAINAGE PIPES UNDER JOHNSON ST. USE TEMPORARY LANE CLOSURES (RSD 1101.02 SHEET 1 OF 15) WITH TRAFFIC RETURNED TO THE EXISTING TRAFFIC PATTERN AT THE END OF EACH WORKDAY. CONSTRUCT DRAINAGE IN HALF SECTIONS USING THE PROPOSED WIDENING OR INCIDENTAL STONE AS APPROVED BY THE ENGINEER. AS AN OPTION PENDING APPROVAL OF THE ENGINEER THIS DRAINAGE WORK COULD BE CONSTRUCTED UNDER WEEKEND ROAD CLOSURE PER SHEETS TMP-4O, TMP-4P AND TMP-4V (DURING STEP 3 INTERMEDIATE CONTRACT TIME).

INTERMEDIATE CONTRACT TIME SPECIAL PROVISION

COMPLETE THE WORK REQUIRED OF PHASE I STEP 3 IN A CONTINUOUS OPERATION WITHIN A PERIOD OF ONE WEEKEND BETWEEN THE HOURS OF FRIDAY 6:00 P.M. AND THE FOLLOWING MONDAY AT 7:00 A.M..

STEP 3: (TMP 4B, 4O,4V)

CLOSE THE NORTH LEG OF JOHNSON ST. -Y30- (TMP-4O,4V) AND PLACE SIGNAL AT JOHNSON ST. IN FLASH. IN A CONTINUOUS OPERATION PAVE/WEDGE OVER EXISTING PAVEMENT AND PROPOSED WIDENING ON JOHNSON ST.(-Y30-) FROM STA.13+00-21+80 AND TYING IN TO SKEET CLUB RD. -L- 177+75-186+47.18. WHEN PAVING IN THE INTERSECTION OF JOHNSON ST. AND SKEET CLUB RD. -L- USE TEMPORARY LANE CLOSURES (RSD 1101.02 SHEET 1 OF 15).

UPON COMPLETION OF PAVING, PLACE TEMPORARY PAVEMENT MARKINGS IN THE SAME LOCATION AS EXISTING. REMOVE SIGNAL FROM FLASH AND RE-OPEN JOHNSON ST. -Y30- AS SHOWN ON TMP-4P.

STEP 4: (TMP 4, 4A-4N, 4P)

CONSTRUCT REMAINING JOHNSON ST. -Y30- EARTHWORK, CURB/GUTTER, GUARDRAIL AND SIDEWALK (TMP-4P).

COMPLETE TEMPORARY PAVEMENT ALONG -L- LEFT SIDE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT AS FOLLOWS:

STA. 207+21 - 215+00 LEFT SIDE
STA. 242+75 - 247+50 LEFT SIDE
STA. 259+90 - 269+30 LEFT SIDE
STA. 299+00 - 340+10 LEFT SIDE

COMPLETE PROPOSED -L- AS FOLLOWS:

STA. 177+75 - 185+30 LEFT SIDE & UP TO EXISTING EOP
STA. 177+75 - 179+50 RIGHT SIDE UP TO EXISTING EOP
STA. 185+30 - 207+21 LEFT SIDE
STA. 247+50 - 259+90 LEFT SIDE
STA. 269+30 - 299+00 LEFT SIDE
STA. 340+10 - 348+41 (END PROJECT) LEFT SIDE

STA. 212+00 - 247+00 RIGHT SIDE
STA. 252+00 - 348+41 (END PROJECT) RIGHT SIDE

STEP 5: (TMP 4Q-4T)

MAY BE PERFORMED CONCURRENTLY WITH STEP 4 ONCE RIGHT & LEFT SIDE WIDENING FROM STA. 340+10 TO 348+41 (END PROJECT) IS COMPLETED, AS DIRECTED BY THE ENGINEER.

INTERMEDIATE CONTRACT TIME SPECIAL PROVISION

COMPLETE THE WORK REQUIRED OF PHASE I STEP 5 (A-I) IN A CONTINUOUS OPERATION WITHIN A PERIOD OF 16 CALENDAR DAYS BEGINNING ON A FRIDAY AT 6:00 P.M. AND ENDING SIXTEEN DAYS LATER ON MONDAY AT 7:00 A.M.

CONSTRUCT DRAINAGE, MOUNTABLE MEDIAN, MONOLITHIC ISLAND AND WEDGING FROM STA.340+10 TO 348+41 (END PROJECT) AS FOLLOWS: (TMP 4Q-4T)

A) ADD NEW TEMPORARY STOP SIGN AND RELOCATE EXISTING STOP SIGNS (R1-1) WITH NO LEFT TURN SIGNS(R3-2) AND RIGHT TURN ARROW SYMBOLS AT DRIVEWAYS AND -Y- LINES AS SHOWN ON SHEET TMP-4Q.

B) CONVERT WENDOVER AVE. WESTBOUND RIGHT THRU LANE TO A RIGHT TURN ONLY LANE BY ADDING "RIGHT LANE MUST TURN RIGHT" R3-7R SIGNS AND MODIFYING ARROW SYMBOLS AS SHOWN ON TMP-4Q. (USE TEMPORARY LANE CLOSURE PER RSD 1101.02-SHEET 3 OF 15)

REVISE STOP BARS ON EASTCHESTER DR.AS SHOWN ON TMP-4N.(USE TEMPORARY LANE CLOSURE PER RSD 1101.02-SHEET 3 OF 15)

INSTALL PHASE I-STEP 5B TEMPORARY SIGNAL AT SKEET CLUB RD./EASTCHESTER DR.

INSTALL "CENTER LANE CLOSED" AND "NO LEFT TURN" SIGNS, AND CLOSE CENTER TURN LANE ON SKEET CLUB RD. -L-. CLOSE INTERIOR LEFT TURN LANE OF NB EASTCHESTER DR. -Y47- AS SHOWN ON TMP-4Q.

C) IN A CONTINUOUS OPERATION DIRECT WENDOVER AVE./SKEET CLUB RD. -L-WESTBOUND TRAFFIC TO A SINGLE LANE AND PLACE WATER-FILLED BARRIER FROM -L- STA.340+00-346+50 AS SHOWN ON TMP-4Q.

D) BEHIND WATER-FILLED BARRIER CONSTRUCT DRAINAGE AND CONCRETE MOUNTABLE MEDIAN ISLAND. PAVE(WEDGE) OVER EXISTING PAVEMENT AND PROPOSED WIDENING -L- LEFT SIDE OUTSIDE LANES FROM STA. 340+10 TO 348+41 (END PROJECT) AS SHOWN ON TMP-4Q.

E) IN A CONTINUOUS OPERATION DIRECT WENDOVER AVE./SKEET CLUB RD. -L- WESTBOUND TRAFFIC TO THE PREVIOUSLY PAVED OUTSIDE LANE. DIRECT SKEET CLUB RD.-L- EASTBOUND LANE TO THE INSIDE THRU LANE AS SHOWN ON TMP-4R.

F) PAVE THE TWO OUTSIDE LANES OF EASTBOUND SKEET CLUB RD. -L- FROM STA. 340+10 TO 348+41 (END PROJECT). PLACE TEMPORARY MARKINGS IN THE FINAL PATTERN ON THE TWO OUTSIDE LANES AS SHOWN ON SHEET TMP-4R.

G) INSTALL PHASE I-STEP 5G TEMPORARY SIGNAL AT THE INTERSECTION OF SKEET CLUB RD. -L-/EASTCHESTER DR./WENDOVER AVE.

IN A CONTINUOUS OPERATION DIRECT SKEET CLUB RD. -L- EASTBOUND TRAFFIC IN A SINGLE LANE TO THE PREVIOUSLY PAVED OUTSIDE LANES AS SHOWN ON TMP-4S.

H) WITH SKEET CLUB RD. -L- TRAFFIC OPERATING ON THE OUTSIDE LANES AS SHOWN ON TMP-4S, PAVE THE REMAINING INTERIOR LANES UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE. CONSTRUCT MONOLITHIC CONCRETE ISLAND FROM -L- STA. 342+90.18-348+31.91. CONSTRUCT ISLAND AS A KEYED IN TYPE BUT IN ADDITION USE 40d SPIKES TO SECURE TO PAVEMENT IN THE SAME FASHION AS THE SURFACE MOUNTED TYPE. THIS ISLAND WILL LATER BE KEYED IN USING THE FINAL LAYER OF SURFACE COURSE IN PHASE IV.

I) PLACE PAVEMENT MARKINGS AND REMOVE TRAFFIC CONTROL DEVICES OPENING SKEET CLUB RD. -L- FROM STA. 340+10 TO END PROJECT AS SHOWN ON TMP-4T.

Stantec
Stantec Consulting Services Inc.
801 Jones Franklin Road-Suite 300
Raleigh, NC 27606
Tel. (919) 851-6866
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

APPROVED Betsy L. Watson DATE: 9/29/2014

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

TEMPORARY TRAFFIC CONTROL PHASING

PHASE I

9/26/2014
U:\U3615B\Traffic\TrafficControl\TCP\Plan_Sheets\U-3615B_TC_TMP_03.dgn
rcullen