

PRIOR TO BEGINNING ANY CONSTRUCTION THE CONTRACTOR SHALL INSTALL WORK ZONE ADVANCE WARNING SIGNS AS SHOWN IN THE NCDOT ROADWAY STANDARD DRAWING NO. 1101.01

CONSTRUCTION PHASING

PHASE I

STEP 1:

INSTALL ROAD CLOSURE BARRICADES AS SHOWN ON SHEET TMP-4 AND DETOUR SIGNS AS SHOWN ON SHEET TMP-5 (IN ACCORDANCE WITH NCDOT STD. DWG. 1101.03 SHEET 1 OF 9) TO MAINTAIN GREENWAY CONNECTIVITY DURING CONSTRUCTION OF BRIDGE CROSSING OVER GREENWAY.

AT LEAST ONE LANE OF TRAFFIC MUST BE MAINTAINED AT ALL TIMES WITH ACCESS TO THE NOVANT HEALTH DRIVEWAY BETWEEN APPROXIMATELY -L- STA. 33+85 AND -L- STA. 39+52.70 USING TEMPORARY LANE CLOSURE AND FLAGGER CONTROL IN ACCORDANCE WITH NCDOT STD. DWG. 1101.02.

STEP 2:

AWAY FROM TRAFFIC, WHILE MAINTAINING EXISTING TRAFFIC PATTERNS, THE EXISTING GREENWAY, AND ACCESS TO ALL PROPERTIES, CONSTRUCT THE FOLLOWING:

- NEW LOCATION: -L- NORTHCROSS DRIVE FROM -L- STA. 39+52.70 TO -L- STA. 94+14.81 INCLUDING BOTH PROPOSED SHOULDER AND PROPOSED CURB & GUTTER SECTIONS
- NEW BRIDGE: -L- NORTHCROSS DRIVE FROM -L- STA. 73+46.00 TO -L- STA. 74+56.00
- NEW GREENWAY: -GW-L- NORTHCROSS DRIVE FROM -GW-L- STA. 10+00.00 TO -GW-L- STA 16+62.38

AND ALL ASSOCIATED DRAINAGE AS SHOWN ON SHEET TMP-4.

INSTALL TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE WITH NCDOT STD. DWGS. 1205.01, 1205.02, 1205.04, AND 1205.05.

PHASE 2

STEP 1:

INSTALL TEMPORARY PAVEMENT MARKINGS AND PORTABLE SIGNALS IN ACCORDANCE WITH NCDOT STD. DWGS. 1101.02, 1205.01, 1205.02, 1205.04, 1205.05, 1205.07, 1205.09, 1205.13, 1205.14, 1250.01, AND 1251.01 AT THE FOLLOWING LOCATIONS.

- L- NORTHCROSS DRIVE
- Y6- WESTMORELAND ROAD

SHIFT TRAFFIC ONTO TEMPORARY PATTERN.

INSTALL DETOUR SIGNS AS SHOWN ON SHEET TMP-12 (IN ACCORDANCE WITH NCDOT STD. DWG. 1101.03 SHEET 1 OF 9) TO MAINTAIN SIDEWALK CONNECTIVITY DURING CONSTRUCTION OF PROPOSED IMPROVEMENTS.

STEP 2:

WHILE MAINTAINING TRAFFIC USING NCDOT STD. DWG. 1101.03 FOR TEMPORARY ROAD CLOSURES, REMOVE EXISTING PAVEMENT ALONG THE FOLLOWING AS SHOWN ON SHEETS TMP-6 THRU TMP-8; TMP-10:

- L- NORTHCROSS DRIVE
- L1- EAGLERIDGE WAY LANE

STEP 3:

WHILE MAINTAINING TRAFFIC USING NCDOT STD. DWG. 1101.02 FOR TEMPORARY LANE CLOSURES, CONSTRUCT PROPOSED IMPROVEMENTS ALONG THE FOLLOWING AS SHOWN ON SHEETS TMP-6 THRU TMP-11:

COMPLETE THE WORK OF PHASE 2, STEP 3A ON RIGHT SIDE OF NORTHCROSS DRIVE IN 60 CONSECUTIVE CALENDAR DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

- A) -L- NORTHCROSS DRIVE (RIGHT) FROM STA. 26+27.00 TO -L- STA. 39+30.36 AND -L- STA. 94+14.81 TO -L- STA. 94+55.00

*NOTE: CONSTRUCT CURB & GUTTER, SIDEWALK, DRAINAGE, AND PAVEMENT UP TO EDGE AND ELEVATION OF EXISTING, OR UP TO, BUT NOT INCLUDING, FINAL LAYER OF SURFACE COURSE. LEAVE THE FINAL LAYER UNTIL THE END OF CONSTRUCTION, THEN PLACE ULTIMATE SURFACE COURSE EVERYWHERE AT ONCE.

**NOTE: FOR REMOVAL SECTIONS, CONSTRUCTION TO CONTINUE UNTIL TRAFFIC CAN BE PLACED ONTO A TWO-WAY TRAFFIC PATTERN.

- B) -L1- EAGLERIDGE WAY LANE FROM -L1- STA. 10+00.00 TO STA. 18+50.00

*NOTE: CONSTRUCT CURB & GUTTER, SIDEWALK, DRAINAGE, AND PAVEMENT UP TO EDGE AND ELEVATION OF EXISTING, OR UP TO, BUT NOT INCLUDING, FINAL LAYER OF SURFACE COURSE. LEAVE THE FINAL LAYER UNTIL THE END OF CONSTRUCTION, THEN PLACE ULTIMATE SURFACE COURSE EVERYWHERE AT ONCE.

- Y4- FROM -Y4- STA. 10+13.00 TO -Y4- STA. 10+50.00

- Y5- ARROWHEAD PLACE LANE FROM -Y5- STA. 10+32.30 TO -Y5- STA. 10+70.00

- Y6- WESTMORELAND ROAD (RIGHT) FROM -Y6- STA. 2+34.82 TO -Y6- STA. 25+85.14

*NOTE: CONSTRUCT SHOULDER, CURB & GUTTER, SIDEWALK, DRAINAGE, AND PAVEMENT UP TO EDGE AND ELEVATION OF EXISTING, OR UP TO, BUT NOT INCLUDING, FINAL LAYER OF SURFACE COURSE. LEAVE THE FINAL LAYER UNTIL THE END OF CONSTRUCTION THEN PLACE ULTIMATE SURFACE COURSE EVERYWHERE AT ONCE.

AND ALL ASSOCIATED DRAINAGE AS SHOWN ON SHEETS TMP-6 THRU TMP-11.

PROVIDE WEDGING AS REQUIRED TO ACCOMMODATE FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED GRADES.

CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS AS SHOWN ON SHEET TMP-10 AT ALL TIMES DURING CONSTRUCTION.

WHERE SIDEWALKS REMAIN ACCESSIBLE, ACCOMMODATE PEDESTRIANS ACCORDING TO ADA COMPLIANCE, STANDARDS, AND REQUIREMENTS.

WHERE SIDEWALKS BECOME UNACCESSIBLE, PROVIDE ALTERNATE ROUTE FOR PEDESTRIANS ACCORDING TO ADA COMPLIANCE, STANDARDS, AND REQUIREMENTS.

WHERE BIKE LANES BECOME UNACCESSIBLE, PROVIDE ALTERNATE ROUTE FOR PEDESTRIANS ACCORDING TO ADA COMPLIANCE, STANDARDS, AND REQUIREMENTS.

PHASE 3

STEP 1:

REMOVE TEMPORARY PAVEMENT MARKINGS FROM PHASE 2, STEP 1. INSTALL NEW TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE WITH NCDOT STD. DWGS. 1205.01, 1205.02, 1205.04, 1205.05, 1205.07, 1205.09, 1205.13, 1205.14, 1250.01, AND 1251.01 AT THE FOLLOWING LOCATIONS.

- L- NORTHCROSS DRIVE
- L1- EAGLERIDGE WAY LANE
- Y6- WESTMORELAND ROAD

SHIFT TRAFFIC ONTO NEW TEMPORARY PATTERN.

STEP 2:

WHILE MAINTAINING TRAFFIC USING NCDOT STD. DWG. 1101.03 FOR TEMPORARY ROAD CLOSURES, REMOVE EXISTING PAVEMENT ALONG THE FOLLOWING AS SHOWN ON SHEETS TMP-13 THRU TMP-14; TMP-16:

- L- NORTHCROSS DRIVE (LEFT) FROM -L- STA. 27+65.00 TO -L- STA. 39+52.59
- Y6- WESTMORELAND ROAD (LEFT) FROM -Y6- STA. 2+39.22 TO -Y6- STA. 25+98.89

STEP 3:

WHILE MAINTAINING TRAFFIC USING NCDOT STD. DWG. 1101.02 FOR TEMPORARY LANE CLOSURES, CONSTRUCT PROPOSED IMPROVEMENTS ALONG THE FOLLOWING AS SHOWN ON SHEETS TMP-13 THRU TMP-17:

COMPLETE THE WORK OF PHASE 3, STEP 3A ON NORTHCROSS DRIVE IN 135 CONSECUTIVE CALENDAR DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

- A) -L- NORTHCROSS DRIVE (LEFT) FROM -L- STA. 27+65.00 TO -L- STA. 39+50.00

*NOTE: CONSTRUCT CURB & GUTTER, SIDEWALK TO -L- STA. 43+60.00 (LT), NOISE WALL, BARRIER, GUARDRAIL, DRAINAGE, AND PAVEMENT UP TO EDGE AND ELEVATION OF EXISTING, OR UP TO, BUT NOT INCLUDING, FINAL LAYER OF SURFACE COURSE. LEAVE THE FINAL LAYER UNTIL THE END OF CONSTRUCTION, THEN PLACE ULTIMATE SURFACE COURSE EVERYWHERE AT ONCE.

**NOTE: FOR REMOVAL SECTIONS, CONSTRUCTION TO CONTINUE UNTIL TRAFFIC CAN BE PLACED ONTO A TWO-WAY TRAFFIC PATTERN.

- B) -Y6- WESTMORELAND ROAD (LEFT) FROM -Y6- STA. 5+10.26 TO -Y6- STA. 16+00.00 AND -Y6- STA. 20+50.00 TO -Y6- STA. 25+59.95

*NOTE: CONSTRUCT SHOULDER, CURB & GUTTER, SIDEWALK, DRAINAGE, AND PAVEMENT UP TO EDGE AND ELEVATION OF EXISTING, OR UP TO, BUT NOT INCLUDING, FINAL LAYER OF SURFACE COURSE. LEAVE THE FINAL LAYER UNTIL THE END OF CONSTRUCTION, THEN PLACE ULTIMATE SURFACE COURSE EVERYWHERE AT ONCE.

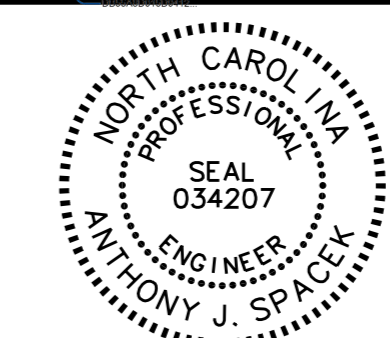

- C) -Y7- FOREST SHADOW CIRCLE FROM -Y7- STA. 10+00.00 TO -Y7- STA. 10+85.00

*NOTE: MAINTAIN ACCESS TO FOREST SHADOW CIRCLE DURING CONSTRUCTION.

AND ALL ASSOCIATED DRAINAGE AS SHOWN ON SHEETS TMP-13 THRU TMP-17.

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APPROVED: _____ DATE: 5/1/2024 		<h1 style="margin: 0;">PHASING</h1>
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