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PROJ. REFERENCE NO.	SHEET NO.
HL-0025	TMP-2

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAILS DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTION
E. JOHN STREET	MONDAY TO FRIDAY 6:00AM TO 9:00AM 4:00PM TO 7:00PM

HOLIDAY RESTRICTIONS

B) FOR ANY OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.

C) HOLIDAYS AND HOLIDAY WEEKENDS SHALL INCLUDE NEW YEAR'S, EASTER, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING, AND CHRISTMAS.

HOLIDAY	DAY AND TIME RESTRICTION
NEW YEAR'S	6:00AM DECEMBER 31 TO 7:00PM JANUARY 2
EASTER	6:00AM THURSDAY TO 7:00PM MONDAY
MEMORIAL DAY	6:00AM FRIDAY TO 7:00PM TUESDAY
*INDEPENDENCE DAY	6:00AM JULY 3 TO 7:00PM JULY 5
LABOR DAY	6:00AM FRIDAY TO 7:00PM TUESDAY
THANKSGIVING	6:00AM TUESDAY TO 7:00PM MONDAY
CHRISTMAS	6:00AM FRIDAY THE WEEK BEFORE CHRISTMAS TO 7:00PM TUESDAY THE WEEK AFTER CHRISTMAS

* IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY, THEN BETWEEN THE HOURS OF 6:00AM THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00PM THE TUESDAY AFTER.

LANE AND SHOULDER CLOSURE REQUIREMENTS

D) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.

E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 5 FT OF AN OPEN TRAVEL LANE ON AN UNDIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WITHIN 10 FT OF AN OPEN TRAVEL LANE ON A DIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

H) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

TRAFFIC PATTERN ALTERATIONS

I) NOTIFY THE ENGINEER THIRTY (30) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

GENERAL NOTES CONT.

SIGNING

J) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

K) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

TRAFFIC CONTROL DEVICES

L) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.

M) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED TO THRU TRAFFIC" SIGN R11-4 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

PAVEMENT MARKINGS AND MAKERS

N) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

ROAD NAME	MARKING	MARKER
E CHARLES ST	PAINT	N/A
TANK TOWN RD	PAINT	N/A
MORRIS RD	PAINT	N/A

O) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

P) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

MISCELLANEOUS

Q) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

R) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.

S) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) AND RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

T) ALL CURB RAMP LOCATIONS CAN BE FOUND ON THE CURB RAMP TABLE ON SHEET 2B-6.

U) CONTRACTOR SHALL MAINTAIN SOUTHWEST SIDEWALK ACCESS ON E CHARLES ST. AND TANK TOWN RD. AT ALL TIMES AS STATED IN THE PHASING. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY SIDEWALKS (CONCRETE, ASPHALT, OR OTHER SUITABLE MATERIAL AS APPROVED BY THE ENGINEER) AT ALL LOCATIONS WHERE THE OPEN PEDESTRIAN TRAVELWAY HAS BEEN REMOVED FOR CONSTRUCTION OPERATIONS (UTILITIES, DRAINAGE, ETC.).

MANAGEMENT STRATEGIES

THE FOLLOWING LISTED WORK ZONE STRATEGIES ARE RECOMMENDED FOR INCLUSION WITHIN THIS TRANSPORTATION MANAGEMENT PLAN (TMP).

RECOMMENDED STRATEGIES:

TRAFFIC MANAGEMENT STRATEGIES:
- LANE SHIFTS OR CLOSURES
- ONE-LANE, TWO WAY OPERATION (FLAGGING)
- PEDESTRIAN ACCOMMODATIONS
- ON-SITE DETOURS

LOCAL NOTES

1. NOTIFY MECKLENBURG COUNTY EMERGENCY SERVICES AND PUBLIC SCHOOLS AT LEAST ONE MONTH PRIOR TO ROAD CLOSURE.

2. ONE MONTH PRIOR TO GREENWAY CLOSURE, NOTIFY THE TOWN OF MATTHEWS.

PHASING

PHASE 1

STEP 1: USING SHEET TMP-4, CLOSE EXISTING GREENWAY PRIOR TO BEGINNING ANY WORK FROM E JOHN ST TO MATTHEWS SCHOOL RD. INSTALL ADVANCE WORK ZONE WARNING SIGNS ACCORDING TO RSD 1101.01 (SHEET 3 OF 3).

NOTE: CONSTRUCT ENTIRE SIDEWALK CONNECTION ON -Y4- TO ENSURE PEDESTRIAN CONNECTIVITY STAYS OPEN AT ALL POSSIBLE TIMES.

STEP 2: AWAY FROM TRAFFIC, AND USING FLAGGERS AS NEEDED (ALSO SEE SHEET TMP-5), BEGIN CONSTRUCTION OF PROPOSED ROAD (UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE), CURB AND GUTTER, SIDEWALK, CURB RAMPS, AND DRAINAGE ON:

PROPOSED -L-: FROM STA 11+04± TO STA 23+00± AND
FROM STA 24+30± TO STA 25+30±

PROPOSED -Y2-: FROM STA 10+16± TO STA 13+00±

PROPOSED -Y4-: FROM STA 10+45± TO STA 13+36±

CONSTRUCT -Y3_DET- AND SHIFT MORRIS RD TRAFFIC TO -Y3_DET-

INSTALL TRAFFIC SIGNAL FOR E. JOHN ST / GREYLOCK RIDGE RD INTERSECTION. LEAVE SIGNAL HEADS IN FLASHING PHASE UNTIL GOING LIVE IN PHASE 3.

PHASE 2

STEP 1: AWAY FROM TRAFFIC, AND USING FLAGGERS AS NEEDED (ALSO SEE SHEET TMP-6), COMPLETE CONSTRUCTION OF PROPOSED ROAD (UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE), CURB AND GUTTER, SIDEWALK, CURB RAMPS, AND DRAINAGE ON:

PROPOSED -L-: FROM STA 24+30± TO STA 25+30±

PROPOSED -Y2-: FROM STA 13+00± TO STA 15+30±

PROPOSED -Y3-: FROM STA 10+75± TO STA 12+68±

PROPOSED -Y4-: FROM STA 10+45± TO STA 12+00±

USE FLAGGERS TO CONSTRUCT TEMPORARY TIE-INS FOR -Y2- AND -Y4-, UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT.

INTERMEDIATE CONTRACT TIME #3 (ICT)

STEP 2: CLOSE -L- FROM STA 23+00± TO STA 24+30± AND CONSTRUCT RAIL CROSSING.

PLACE TEMPORARY MARKINGS AND SHIFT TRAFFIC TO PHASE 3 PATTERN.

NOTES:
CONTRACTOR TO COORDINATE CONSTRUCTION OF RAILROAD CROSSING WITH NCDOT RAIL DIVISION. CSX CONTRACTOR TO CONSTRUCT RAIL CROSSING.

CONTRACTOR SHALL COMPLETE THE WORK OF PHASE 2, STEP 2 IN 30 CONSECUTIVE CALENDAR DAYS. SEE SPECIFICATIONS FOR INTERMEDIATE CONTRACT TIME (ICT) AND LIQUIDATED DAMAGES.

PHASE 3

STEP 1: USING FLAGGERS, WEDGE TIE-INS FOR -Y2- AND -Y4- UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

STEP 2: COMPLETE ANY REMAINING CONSTRUCTION, INCLUDING REMOVAL OF EXISTING PAVEMENT.

STEP 3: PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENTS MARKINGS.

STEP 4: REMOVE ALL TRAFFIC CONTROL DEVICES, TURN ON E. JOHN / GREYLOCK INTERSECTION SIGNAL, AND OPEN ALL LANES TO TRAFFIC.

APPROVED:

DATE: 3/5/2026

NORTH CAROLINA PROFESSIONAL SEAL 045246 ENGINEER JASON T. GADDY

DocuSigned by: Jason T. Gaddy
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DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

TRANSPORTATION OPERATIONS PLAN

3/5/2026
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