DocuSign Envelope ID: 174B8E89-9108-4288-92CF-DA1ABEC4139F

GENERAL NOTES (CONTINUED)

TRAFFIC CONTROL DEVICES

V) 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.

W) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

X) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES DRUMS PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
ALL ROADS AND BRIDGES	PAINT	TEMPORARY RAISED

Z) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.

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

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

CC) TRACE THE EXISTING AND PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVAL AND INSTALLATION. PLACE DRUMS TO DELINEATE ANY EXISTING AND PROPOSED MONOLITHIC ISLANDS AFTER REMOVAL AND BEFORE INSTALLATION.

MISCELLANEOUS

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

EE) 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) 500 FEET AND 250 FEET RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

FF) SEQUENTIAL FLASHING LIGHTS SHALL BE USED FOR ALL NIGHT TIME TEMPORARY LANE CLOSURES.

LOCAL NOTES

1) USE 12" BLACK PAVEMENT MARKING LINES TO COVER EXISTING AND TEMPORARY PAVEMENT MARKINGS ON US 29, AS DIRECTED BY THE ENGINEER.

TRAFFIC MANAGEMENT PLAN

THE PROPOSED STRUCTURE ON -L- WILL BE CONSTRUCTED IN 3 PHASES WHILE MAINTAINING BARNES ST (SR 2817) TRAFFIC IN A TEMPORARY 2-LANE, 2-WAY PATTERN ACROSS THE EXISTING BRIDGE AND PARTIALLY CONSTRUCTED NEW STRUCTURE.

WIDENING OF -L- BARNES ST (SR 2817) WILL BE CONSTRUCTED IN 3 PHASES, ONE SIDE AT A TIME USING TEMPORARY OUTSIDE LANE CLOSURES WITH FLAGGERS OR TRAFFIC USING THE CENTER LANE.

RAMPS WILL BE CONSTRUCTED WITH TEMPORARY CLOSURES AND TRAFFIC ON AN OFF-SITE DETOUR.

DUE TO EXISTING VERTICAL CLEARANCE AND PROPOSED GRADE CHANGES, CONSTRUCTION OF -Y- (US 29) THAT WOULD RAISE THE PAVEMENT CANNOT BEGIN UNTIL ALL EXISTING BRIDGE GIRDERS ARE REMOVED. CONSTRUCTION OF -Y- WILL BE DONE BEHIND BARRIER WITH TRAFFIC SHIFTS. OVERHEAD WORK WILL BE DONE WITH US 29 TRAFFIC DETOURED TO RAMPS.

UTILITY CONSTRUCTION TO RELOCATE A WATER MAIN WILL BE DONE AWAY FROM TRAFFIC AND INCLUDE JACK AND BORE OPERATIONS UNDER RAMPS AND US 29. CONNECTIONS TO THE EXISTING WATER MAIN WITHIN THE TRAVEL LANE WILL INVOLVE TEMPORARY LANE CLOSURES WITH SHIFTED TRAFFIC AND TRAFFIC BEARING PLATES TO COVER OPEN TRENCHES.

AECOM
NC Firm License No.: F-0342
5438 Wade Park Blvd., Suite 200
Raleigh, NC 27607
Phone: (919) 854-6200

APPROVED: DocuSigned by: Jeffrey A. Koontz B4EBFECC02384F7...
DATE: 2/15/2023
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 18122 ENGINEER JEFFREY A. KOONTZ

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

GENERAL NOTES

2/15/2023
pw:\\aecom-na-pw.bentley.com:AECOM_DS2_NA_2020\Documents\60581577-NCDOT SMU BR-0041\900-CAD GIS\910_CAD\70_NCDOT_TIP\Work Zone Traffic Control\BR0041_TC_TMP_02A.dgn
jon.archambault