PROJ. REFERENCE NO.	SHEET NO.
I-5508	TMP-1C

GENERAL NOTES (Cont'd)

SIGNING

P) 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.

Q) PROVIDE SIGNING REQUIRED TO CLOSE THE EXIT 7 WB ENTRANCE RAMP AND ASSOCIATED OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.

R) COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

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

T) INSTALL BLACK ON ORANGE "DIP" SIGNS 500' AND/OR "BUMP" SIGNS (W8-1) 500 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC BARRIER

U) INSTALL TEMPORARY BARRIER ACCORDING TO THE TRAFFIC CONTROL PLANS A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION, PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS OR AS DIRECTED BY THE ENGINEER.

DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE.

ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION AND NO WORK IS PERFORMED BEHIND THE TEMPORARY BARRIER FOR A PERIOD LONGER THAN TWO (2) MONTHS, REMOVE/RESET TEMPORARY BARRIER AT NO COST TO THE DEPARTMENT UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS, TEMPORARY BARRIER IS PROTECTING A HAZARD, OR AS DIRECTED BY THE ENGINEER.

INSTALL TEMPORARY BARRIER WITH THE TRAFFIC FLOW, BEGINNING WITH THE UPSTREAM SIDE OF TRAFFIC. REMOVE TEMPORARY BARRIER AGAINST THE TRAFFIC FLOW, BEGINNING WITH THE DOWNSTREAM SIDE OF TRAFFIC.

INSTALL AND SPACE DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH) TO CLOSE OR KEEP THE SECTION OF THE ROADWAY CLOSED UNTIL THE TEMPORARY BARRIER CAN BE PLACED OR AFTER THE TEMPORARY BARRIER IS REMOVED.

V) PROTECT THE APPROACH END OF PORTABLE CONCRETE BARRIER AT ALL TIMES DURING THE INSTALLATION AND REMOVAL OF THE BARRIER BY EITHER A TRUCK MOUNTED IMPACT ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPORARY CRASH CUSHION.

PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER FROM ONCOMING TRAFFIC AT ALL TIMES BY A TEMPORARY CRASH CUSHION UNLESS THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER IS OFFSET FROM ONCOMING TRAFFIC AS FOLLOWS OR AS SHOWN IN THE PLANS:

POSTED SPEED LIMIT	MINIMUM OFFSET
40 OR LESS	15 FT
45-50	20 FT
55	25 FT
60 MPH or HIGHER	30 FT

TRAFFIC CONTROL DEVICES

W) 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.

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

Y) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES (DRUMS, CONES OR SKINNY DRUMS) PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 300 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
1. ALL ROADS	PAINT	TEMPORARY RAISED

AA) 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.

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

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

MISCELLANEOUS

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

LOCAL NOTES

1.) THE ENGINEER SHALL NOTIFY THE OVERSIZE OVERWEIGHT PERMIT UNIT (BEN HINNANT AT 919-733-4740) A MINIMUM OF 30 DAYS PRIOR TO REDUCING THE CLEAR ROADWAY WIDTH (WESTBOUND AND/OR EASTBOUND) TO 18' OR LESS.

2.) THE ENGINEER SHALL NOTIFY THE COMMUNICATIONS OFFICE (JORDAN-ASHLEY BAKER AT 704-480-9052) A MINIMUM OF 30 DAYS PRIOR TO:
- REDUCING THE SPEED LIMIT
- PLACING TRAFFIC IN ONE LANE PATTERNS
- PERFORMING THE FIRST ROCK BLASTING OPERATION

3.) THE CONTRACTOR SHALL COORDINATE ALL LANE CLOSURES, ROAD CLOSURES, PLACEMENT AND DISPLAYS OF CHANGEABLE MESSAGE SIGNS WITH THE ENGINEER AND THE CONTRACTOR FOR ADJACENT PROJECT I-5512.

4.) ALL BLASTING OPERATIONS:
- USE ROADWAY STANDARD DRAWING 1101.03, SHEET 9 OF 9 AND LAW ENFORCEMENT FOR ALL ROLLING ROADBLOCK OPERATIONS PRIOR TO ROCK BLASTING. EACH ROLLING ROADBLOCK OPERATION IS TO BEGIN AT THE FOLLOWING LOCATIONS:

  EB DIRECTION: MILE MARKER 451 (IN TN.)
  WB DIRECTION: MILE MARKER 15

- LAW ENFORCEMENT IS REQUIRED AT THE FRONT AND BACK OF EACH ROLLING ROADBLOCK OPERATION AND AT ALL ENTRY POINTS TO I-40 BETWEEN THE TWO MILE MARKER LOCATIONS MENTIONED. LAW ENFORCEMENT STATIONED AT THE BACK OF EACH ROLLING ROADBLOCK OPERATION TO BE POSITIONED AT OR NEAR THE BACK OF RESULTANT TRAFFIC QUEUES.

- ALL PILOT VEHICLES ARE TO BRING TRAFFIC TO A FULL STOP AT PREDETERMINED LOCATIONS AND REMAIN AS SUCH UNTIL GIVEN CLEARANCE TO RELEASE TRAFFIC. (SEE DRAWING TMP-15)

APPROVED: DocuSigned by: J. W. Woolard, Jr. DATE 12/3/2014

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 019862 ENGINEER J. W. WOOLARD, JR.

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

GENERAL NOTES (Cont'd)

12/3/2014
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