



PROJ. REFERENCE NO.	SHEET NO.
I-5784	TMP-1B

WORK ZONE TRAFFIC CONTROL GENERAL REQUIREMENTS

WORK ZONE TRAFFIC CONTROL NARRATIVE

TEMPORARY TRAFFIC CONTROL (TTC)

- MAINTAIN TRAFFIC IN ACCORDANCE WITH DIVISION 10, 11, AND 12 OF THE 2012 STANDARD SPECIFICATIONS AND THE FOLLOWING PROVISIONS:
- INSTALL WORK ZONE ADVANCE WARNING SIGN IN ACCORDANCE WITH ROADWAY STANDARD DRAWING 1101.01, SHEET 1 OF 3, PRIOR TO BEGINNING ANY OTHER WORK.
- WHEN UTILIZING A SLOW-MOVING OPERATION FOR SUCH ITEMS AS PAVEMENT MARKING AND MARKER PLACEMENT, AS A MINIMUM THE SLOW MOVING OPERATION CARAVAN SHALL CONSIST OF THE VEHICLES AND DEVICES SHOWN ON THE MOVING OPERATION CARAVAN DETAILS ACCORDING TO THE ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 13 OF THE 2012 ROADWAY STANDARD DRAWINGS. TRAFFIC CONES MAY BE USED WHEN NECESSARY TO PROVIDE ADDITIONAL PROTECTION OF WET PAVEMENT MARKINGS. BALLAST ALL TRAFFIC CONES SO THEY WILL NOT BE BLOWN OVER BY TRAFFIC.

PAVEMENT MARKERS

- REMOVE EXISTING SNOWPLOWABLE PAVEMENT MARKERS IN PREPARATION FOR PAVING. REPAIR ANY PAVEMENT DAMAGE DUE TO EXISTING PAVEMENT MARKER REMOVAL PRIOR TO THE END OF THE WORK DAY. DISPOSE OF EXISTING PAVEMENT MARKERS AS DIRECTED BY THE ENGINEER. NO DIRECT PAVEMENT WILL BE MADE FOR THIS WORK AS IT WILL BE INCIDENTAL TO THE PAVING OPERATION.
- INSTALL PERMANENT PAVEMENT MARKERS WITHIN 60 CALENDAR DAYS AFTER COMPLETING THE RESURFACING. PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH DRAWINGS 1250.01 THROUGH 1253.01 OF THE 2012 ROADWAY STANDARD DRAWINGS AND SECTIONS 1250 THROUGH 1253 OF THE 2012 STANDARD SPECIFICATIONS.

CONSTRUCTION OPERATIONS

- CONTRACTOR SHALL MILL AND PAVE LANES IN ORDER SUCH THAT WATER SHALL NOT ACCUMULATE.
- MESSAGES ON CHANGEABLE MESSAGE SIGNS ARE AS SHOWN ON SHEETS TMP-3 THROUGH TMP-18, OR AS DIRECTED BY THE ENGINEER.
- DELINEATE REMOVED ISLANDS WITH APPROPRIATE PAVEMENT MARKINGS AND DRUMS PRIOR TO INSTALLING PROPOSED ISLAND.
- WORK WITHIN THE MEDIAN SHALL REQUIRE MEDIAN LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- WORK ON DRAINAGE ITEMS IN A CONTINUOUS MANNER OR SECURE THE WORK AREA AT THE END OF EACH DAY'S OPERATION, SO THAT UNATTENDED WORK AREA IS NOT LEFT IN AN UNSAFE MANNER BETWEEN WORK PERIODS.
- WORK ON GUARDRAIL IN A CONTINUOUS MANNER, SO AS TO NOT LEAVE UNPROTECTED GAPS IN GUARDRAIL AT THE END OF EACH DAY'S OPERATIONS OR UPON REMOVAL OF LANE CLOSURES.
- ALL EXISTING MEDIAN GUARDRAIL SHALL REMAIN IN PLACE UNTIL NEW GUARDRAIL OR GUIDERAIL IS INSTALLED AS REQUIRED BY THE CONTRACT. MEDIAN PROTECTION SHALL REMAIN IN PLACE AND IN COMPLIANCE WITH DEPARTMENT POLICIES.

1) MILLING AND RESURFACING I-95 NB AND SB (MP 84 TO MP 97)

FOR MILLING AND RESURFACING OF I-95 NB AND SB, USE WORK ZONE "VARIABLE SPEED LIMIT REDUCTION" (TMP-2A) AND RSD 1101.02 SHEETS 4, 9 AND 10. MILL 1" AND PAVE BACK 1.5" ASPHALT SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY MARKERS BY THE END OF EACH WORK DAY. REMOVE LANE CLOSURE AND REOPEN TO EXISTING TRAFFIC PATTERN BY THE END OF EACH WORK PERIOD. (SEE INTERMEDIATE CONTRACT TIME FOR ALLOWABLE LANE CLOSURE TIMES).

2) REMOVAL OF EXISTING CONCRETE SLABS ON I-95

FOR REMOVAL OF EXISTING CONCRETE SLABS, USE WORK ZONE "VARIABLE SPEED LIMIT REDUCTION" (TMP-2A) AND RSD 1101.02 SHEET 4, 9 AND 10. WORK IN A CONTINUOUS MANNER BEHIND A LANE CLOSURE UNTIL THE SLAB IS REMOVED AND PAVED BACK THROUGH THE 1.5" ASPHALT SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY MARKERS (SEE INTERMEDIATE CONTRACT TIME FOR ALLOWABLE LANE CLOSURE TIMES).

3) MILLING AND RESURFACING OF RAMPS AT THE FOLLOWING I-95 INTERCHANGES:

KEEN ROAD
US 70 (EXCLUDING LOOPS)

FOR MILLING AND RESURFACING OF RAMPS, USE WORK ZONE "VARIABLE SPEED LIMIT REDUCTION" (TMP-2A) AND RSD 1101.02, SHEETS 3, 4, 9 AND 10. MILL 1" AND PAVE BACK 1.5" ASPHALT SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKINGS BY THE END OF EACH WORK DAY. REMOVE LANE CLOSURE AND REOPEN TO EXISTING TRAFFIC PATTERN BY THE END OF EACH WORK PERIOD. INSTALL NEW INDUCTIVE LOOPS AT US 70 OFF-RAMPS WITHIN SEVEN (7) CONSECUTIVE DAYS FROM THE DATE WHEN EXISTING INDUCTIVE LOOPS ARE DISTURBED. (SEE TMP-2B AND INTERMEDIATE CONTRACT TIME FOR ALLOWABLE LANE CLOSURE TIMES AND REPLACEMENT OF INDUCTIVE SIGNAL LOOPS).

4) REMOVAL AND REPLACEMENT OF EXISTING CONCRETE ISLANDS AT THE FOLLOWING I-95 INTERCHANGES:

US 701 (INCLUDES ROAD SEGMENTS OF US 301, NC 96 AND DEVILS RACETRACK ROAD)
BROGDEN ROAD
US 70 BUSINESS (IN QUADRANTS SOUTH OF US 70 BUSINESS ONLY)

FOR REMOVAL AND REPLACEMENT OF EXISTING CONCRETE ISLANDS, USE RSD 1101.02, SHEETS 9 AND 10 TO NARROW RAMP/LOOP, OR CLOSE RAMP/LOOP AND USE THE ASSOCIATED OFFSITE DETOUR DETAIL (SEE SHEETS TMP-3 THRU TMP-13 AND TMP-15), AS DRIECTED BY THE ENGINEER. REMOVE EXISTING ISLAND AND REPLACE WITH CONCRETE ISLAND.

REMOVE LANE CLOSURE AND REOPEN TO EXISTING TRAFFIC PATTERN BY THE END OF EACH WORK PERIOD. CONCRETE ISLAND REMOVAL AND REPLACEMENT MUST BE COMPLETED PRIOR TO MILLING AND/OR REPAVING ADJACENT RAMP/LOOP (SEE INTERMEDIATE CONTRACT TIMES FOR ALLOWABLE LANE AND RAMP CLOSURE TIMES AND FOR REMOVAL/REPLACEMENT OF ISLANDS).

4A) AN INTERMEDIATE CONTRACT TIME WILL BE REQUIRED TO COMPLETE THE WORK AT EACH ISLAND LOCATION IN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS AND WILL BEGIN WHEN EXISTING ISLAND IS REMOVED AND END AT THE COMPLETION OF PROPOSED ISLAND INSTALLATION.

5) MILLING (ASPHALT)/ SEALING (CONCRETE) AND RESURFACING OF RAMPS/LOOPS AT THE FOLLOWING I-95 INTERCHANGES:

US 701 (INCLUDES ROAD SEGMENTS OF US 301, NC 96 AND DEVILS RACETRACK ROAD)
BROGDEN ROAD
US 70 BUSINESS
US 70 (LOOPS ONLY)

FOR MILLING/SEALING AND RESURFACING OF RAMPS/LOOPS, USE WORK ZONE "VARIABLE SPEED LIMIT REDUCTION" (TMP-2A). CLOSE RAMP/LOOP AND USE THE ASSOCIATED OFFSITE DETOUR DETAIL (SEE SHEETS TMP-3 THRU TMP-17). MILL 1" (ASPHALT) OR SEAL (CONCRETE) AND PAVE BACK 1.5" ASPHALT SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKINGS BY THE END OF EACH WORK DAY. REMOVE ROAD CLOSURE AND REOPEN TO EXISTING TRAFFIC PATTERN BY THE END OF EACH WORK PERIOD. RAMP/LOOP MILLING/SEALING AND PAVING MUST BE PERFORMED AFTER ADJACENT ISLAND REMOVAL AND REPLACEMENT (SEE INTERMEDIATE CONTRACT TIME FOR ALLOWABLE LANE AND RAMP CLOSURE TIMES).

6) DRAINAGE AND GUARDRAIL REPAIR/IMPROVEMENTS ON I-95:

FOR REPAIR AND IMPROVEMENTS TO DRAINAGE ITEMS AND GUARDRAIL IN ALONG I-95 SHOULDERS AND MEDIAN, USE RSD 1101.04, OR WORK ZONE "VARIABLE SPEED LIMIT REDUCTION" (TMP-2A) AND RSD 1101.02, SHEET 4, AS DIRECTED BY THE ENGINEER. REPAIR/IMPROVE DRAINAGE ITEMS AND GUARDRAIL AS DIRECTED BY THE ENGINEER (SEE INTERMEDIATE CONTRACT TIME FOR ALLOWABLE LANE CLOSURE TIMES)..

7) PLACEMENT OF OPEN GRADED FRICTION COURSE, FINAL PAVEMENT MARKINGS AND FINAL MARKERS IS A SEPARATE OPERATION TO BE COMPLETED AFTER MILLING, SLAB REPLACEMENT AND THE 1.5" OF ASPHALT SURFACE COURSE. USE RSD 1101.02, SHEETS 4, 9, 10 & 13, FOR PLACEMENT OF THE OPEN GRADED FRICTION COURSE, FINAL PAVEMENT MARKINGS AND FINAL MARKERS.

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DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

APPROVED: <i>Michael T. Rzepka</i> DATE: 12/1/2015 		TRANSPORTATION OPERATIONS PLAN
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