

# WORK ZONE TRAFFIC CONTROL GENERAL REQUIREMENTS

PROJ. REFERENCE NO.	SHEET NO.
W-5203AA, W-5601BB, 2017CPT.03.01.10651, 36249.3622	TMP-2A

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRE 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 RESTRICTIONS
ALL MAPS	MONDAY THRU THURSDAY 6:00 A.M. TO 8:00 P.M.
	AND
	FRIDAY 6:00 A.M. TO SUNDAY 8:00 P.M.
	NIGHT WORK ONLY

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME	HOLIDAY
ALL MAPS	
	<ol style="list-style-type: none"> <li>1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.</li> <li>2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 30TH TO 8:00 P.M. JANUARY 3RD.</li> <li>3. FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 8:00 P.M. MONDAY.</li> <li>4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 8:00 P.M. TUESDAY.</li> <li>5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 8:00 P.M. THE DAY AFTER INDEPENDENCE DAY. IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY, THEN BETWEEN THE HOURS OF 6:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 8:00 P.M. THE THURSDAY AFTER INDEPENDENCE DAY.</li> <li>6. FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 8:00 P.M. TUESDAY.</li> <li>7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 8:00 P.M. MONDAY.</li> <li>8. FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 8:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.</li> <li>9. FOR WILMINGTON RIVERFEST, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY, OCTOBER 6TH AND 8:00 P.M. SUNDAY, OCTOBER 9TH.</li> <li>10. FOR WILMINGTON AZALEA FESTIVAL, BETWEEN THE HOURS OF 6:00 A.M. WEDNESDAY, APRIL 5TH, 2017 AND 8:00 P.M. SUNDAY, APRIL 9TH, 2017.</li> <li>11. FOR WELLS FARGO GOLF CHAMPIONSHIP, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY, APRIL 28TH, 2017 AND 8:00 P.M. MONDAY, MAY 8TH, 2017.</li> </ol>

C) 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.

TEMPORARY TRAFFIC CONTROL

MAINTAIN TRAFFIC IN ACCORDANCE WITH DIVISIONS 10, 11 AND 12 OF THE 2012 STANDARD SPECIFICATIONS.

INSTALL WORK ZONE ADVANCE WARNING SIGNS IN ACCORDANCE WITH RSD 1101.01, SHEET 2.

REFER TO RSD 1101.02, 1101.03, 1101.04, 1101.05, 1101.11, 1110.01, 1110.02, 1115.01, 1130.01, 1135.01, 1145.01, 1150.01, 1165.01, AND 1180.01 OF THE 2012 ROADWAY STANDARD DRAWINGS WHEN CLOSING A LANE OF TRAVEL IN A STATIONARY WORK ZONE. SKINNY DRUMS MAY BE USED INSTEAD OF DRUMS. HOWEVER, DRUMS ARE REQUIRED FOR THE UPSTREAM TAPER PORTION OF LANE CLOSURES IN ALL APPLICATIONS. THE STATIONARY WORK ZONE SHALL BE A MAXIMUM OF 1 MILE IN LENGTH AT ANY GIVEN TIME UNLESS OTHERWISE APPROVED BY THE ENGINEER. A PILOT VEHICLE OPERATION MAY BE USED IN CONJUNCTION WITH FLAGGERS AND THE APPROPRIATE PILOT VEHICLE WARNING SIGNING AS DIRECTED BY THE ENGINEER. DURING PERIODS OF CONSTRUCTION INACTIVITY, RETURN THE TRAFFIC PATTERN TO THE EXISTING ALIGNMENT AND REMOVE OR COVER ANY WORK ZONE SIGNS. WHEN COVERING WORK ZONE SIGNS, USE AN OPAQUE MATERIAL THAT PREVENTS READING OF THE SIGN AT NIGHT BY A DRIVER USING HIGH BEAM HEADLIGHTS. USE MATERIAL, WHICH DOES NOT DAMAGE THE SIGN SHEETING. REPLACE ANY OBLITERATED MARKINGS AS REQUIRED BY OTHER SECTIONS OF THE 2012 STANDARD SPECIFICATIONS AND THE ENGINEER.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AND WITHIN 5 FEET OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING RSD 1101.02 OF THE 2012 ROADWAY STANDARD DRAWINGS. WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, 2012 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. DO NOT WORK SIMULTANEOUSLY, ON BOTH SIDES OF AN OPEN TRAVEL WAY, WITHIN THE SAME LOCATION. PERFORM WORK ONLY WHEN WEATHER AND VISIBILITY CONDITIONS ALLOW SAFE OPERATIONS AS DIRECTED BY THE ENGINEER.

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 RSD 1101.02, SHEET 11 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.

TRAFFIC OPERATIONS

1) PAVING LIFT REQUIREMENTS AND TIME LIMITATIONS:

FOR PAVING LIFTS OF 2.0" OR LESS, BRING ALL NEWLY RESURFACED LANES TO THE SAME STATION AND ELEVATION WITHIN 72 HOURS. IF NOT BROUGHT UP TO THE SAME STATION AND ELEVATION WITHIN 72 HOURS, THE CONTRACTOR SHALL PLACE PORTABLE "UNEVEN PAVEMENT" SIGNS IN ADVANCE OF THE UNEVEN PAVEMENT AND SPACED EVERY 1/2 MILE ALONG THE SECTION OF UNEVEN PAVEMENT. ONCE MITIGATED, ALL PORTABLE "UNEVEN PAVEMENT" SIGNS SHALL BE REMOVED.

FOR PAVING LIFTS GREATER THAN 2", BRING ALL NEWLY RESURFACED LANES TO THE SAME STATION AND ELEVATION BY THE END OF EACH WORK DAY UNLESS THE CONTRACTOR UTILIZES THE NOTCHED WEDGE PAVING METHODS AS DESCRIBED BELOW.

FAILURE TO COMPLY WITH THE FOLLOWING REQUIREMENTS WILL RESULT IN A SUSPENSION OF ALL OTHER OPERATIONS UNTIL ALL LANES OF TRAFFIC ARE BROUGHT TO THE SAME STATION AND ELEVATION:

1. DURING PAVING OPERATIONS, ANY PAVING LIFT GREATER THAN 2" FOR ASPHALT SURFACE COURSE MIXES SHALL BE MITIGATED BY HAVING AN APPROVED WEDGE APPARATUS ON THE PAVER THAT SHAPES THE EDGE 1" VERTICALLY AND THE REMAINING AT A MAXIMUM SLOPE STEEPNESS OF 2:1. FOR INTERMEDIATE AND BASE COURSE MIXES, USE AN APPROVED WEDGE DEVICE THAT SHAPES THE EDGE WITH A MAXIMUM SLOPE STEEPNESS OF 2:1. THE MAXIMUM PAVING LIFT ALLOWED TO USE THIS METHOD IS 3".
2. AT THE END OF THE WORK DAY, THE CONTRACTOR SHALL PLACE PORTABLE "UNEVEN PAVEMENT" SIGNS IN ADVANCE OF THE UNEVEN PAVEMENT AND SPACED EVERY 1/2 MILE ALONG THE SECTION OF UNEVEN PAVEMENT. ONCE MITIGATED, ALL PORTABLE "UNEVEN PAVEMENT" SIGNS SHALL BE REMOVED.

TRAFFIC OPERATIONS CONT.

3. IN THE NEXT DAY'S PAVING OPERATION AND NOT TO EXCEED 72 HOURS, THE CONTRACTOR SHALL BRING UP THE ADJACENT LANE TO THE SAME STATION AND ELEVATION BEFORE ANY FURTHER PAVING TAKES PLACED ON THE PROJECT.

2) SHOULDER DROP-OFF REQUIREMENTS AND TIME LIMITATIONS:

BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPEN TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

- (A) DROP-OFF THAT EXCEEDS 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.
- (B) DROP-OFF THAT EXCEEDS 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

FOR DROP-OFFS THAT EXCEED THE ABOVE REQUIREMENTS, BACKFILL THE UNACCEPTABLE DROP-OFF WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER. THE MATERIAL, EQUIPMENT AND LABOR ASSOCIATED WITH THIS OPERATION WILL BE AT NO EXPENSE TO THE DEPARTMENT. THIS WORK IS NOT CONSIDERED PART OF SHOULDER RECONSTRUCTION.

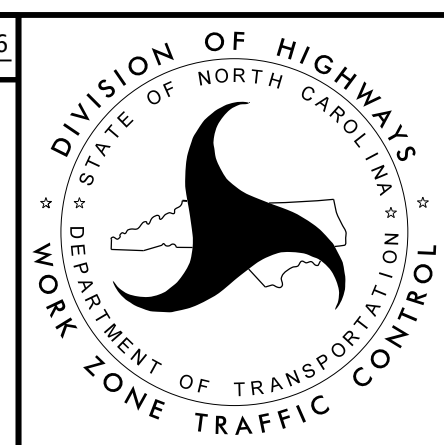
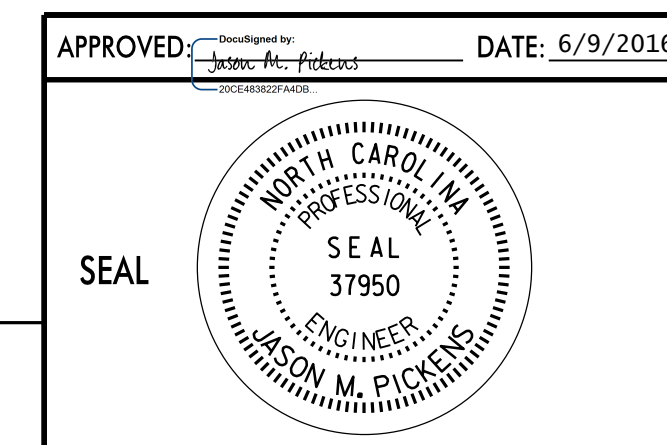
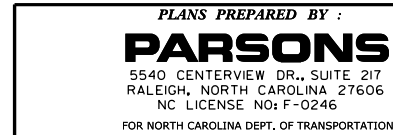
3) PROJECT REQUIREMENTS:

FAILURE TO COMPLY WITH THE FOLLOWING REQUIREMENTS WILL RESULT IN A SUSPENSION OF ALL OTHER OPERATIONS:

1. BEFORE WORKING ON ANY MAP, THE CONTRACTOR SHALL SUBMIT A WRITTEN CONSTRUCTION SEQUENCE FOR TRAFFIC CONTROL AND CONSTRUCTION LIGHTING FOR ALL MAPS TO THE ENGINEER AT THE FIRST PRE-CONSTRUCTION MEETING AND THE SEQUENCE MUST BE APPROVED BEFORE CLOSING A LANE OF TRAFFIC.
2. OBTAIN WRITTEN APPROVAL OF THE ENGINEER BEFORE WORKING IN MORE THAN ONE LOCATION OR SETTING UP ADDITIONAL LANE CLOSURES. THE MAXIMUM LENGTH OF ANY ONE LANE CLOSURE IS 1 MILE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. CONTRACTOR SHALL MILL AND PAVE LANES IN AN ORDER SUCH THAT WATER SHALL NOT ACCUMULATE.
4. TRAFFIC CONTROL FOR THE MILLING AND/OR PAVING OF RAMPS IS TO BE DONE ACCORDING TO STANDARD DRAWING NUMBER 1101.02, SHEETS 9 & 10 UNLESS OTHERWISE APPROVED TO BE CLOSED BY THE ENGINEER. IF APPROVED, CONTRACTOR WILL PROVIDE PLANS AND DEVICES FOR THE DETOUR AT NO ADDITIONAL COST TO THE DEPARTMENT.
5. IF MILLED AREAS ARE NOT PAVED BACK WITHIN 72 HOURS, THE CONTRACTOR IS TO FURNISH AND INSTALL THE FOLLOWING PORTABLE SIGNS TO WARN DRIVERS OF THE CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" (W8-8), "UNEVEN LANES" (W8-11), AND "GROOVED PAVEMENT" (W8-15) W/ MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DUAL INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS.

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 USER: JASON.M.PICKENS

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



TRANSPORTATION  
MANAGEMENT PLAN  
**WORK ZONE TRAFFIC  
CONTROL GENERAL  
REQUIREMENTS**