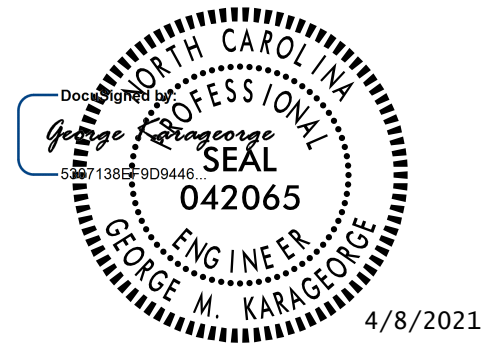


PROJECT REFERENCE NO.	SHEET NO.
I-5878 / I-5883 / I-5986B	TMP - 1E



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

**Michael Baker  
INTERNATIONAL**

**LANE AND SHOULDER CLOSURE REQUIREMENTS**

- ON TWO-LANE, TWO-WAY FACILITIES, DO NOT INSTALL MORE THAN ONE (1) MILE OF LANE CLOSURE IN ANY ONE DIRECTION ON ANY ROADWAY WITHIN THE PROJECT LIMITS OR IN CONJUNCTION WITH THIS PROJECT, MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
- ON MULTI-LANE FACILITIES, DO NOT INSTALL MORE THAN TWO (2) MILES OF LANE CLOSURE IN ANY ONE DIRECTION, MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
- SIMULTANEOUS LANE CLOSURES IN ANY ONE DIRECTION ON ANY ROAD WITHIN THE PROJECT LIMITS SHALL BE INSTALLED AS FOLLOWS:
  - FOR TWO SIMULTANEOUS LANE CLOSURES, A MINIMUM OF TWO (2) MILES SHALL BE PROVIDED BETWEEN LANE CLOSURES.
  - FOR THREE SIMULTANEOUS LANE CLOSURES OR MORE, A MINIMUM OF THREE (3) MILES SHALL BE PROVIDED BETWEEN LANE CLOSURES.
- THE DISTANCE BETWEEN LANE CLOSURES NOTED ABOVE SHALL BE MEASURED FROM THE END OF ONE CLOSURE TO THE FIRST SIGN OF THE NEXT LANE CLOSURE.
- 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.
- WHEN BARRIER IS PLACED ON THE ROADWAY SHOULDER, INSTALL SHOULDER CLOSURE SIGNS AND DEVICES IN ADVANCE OF THE BARRIER USING NCDOT ROADWAY STANDARD DRAWINGS.
- WHEN PERSONNEL AND / OR EQUIPMENT ARE WORKING WITHIN 15 FEET OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING NCDOT ROADWAY STANDARD DRAWINGS, UNLESS THE WORK AREA IS PROTECTED BY AN APPROVED TEMPORARY TRAFFIC BARRIER OR GUARDRAIL.
- WHEN PERSONNEL AND / OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN FIVE FEET OF AN OPEN TRAVEL LANE, AT A MINIMUM, CLOSE THE NEAREST OPEN TRAVEL LANE USING NCDOT ROADWAY STANDARD DRAWINGS, UNLESS THE WORK AREA IS PROTECTED BY AN APPROVED TEMPORARY TRAFFIC BARRIER OR GUARDRAIL.
- WHEN PERSONNEL AND / OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN TEN FEET OF AN OPEN TRAVEL LANE, AT A MINIMUM, CLOSE THE NEAREST OPEN TRAVEL LANE USING NCDOT ROADWAY STANDARD DRAWINGS, UNLESS THE WORK AREA IS PROTECTED BY AN APPROVED TEMPORARY TRAFFIC BARRIER OR GUARDRAIL.
- WHEN PERSONNEL AND / OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL, AT MINIMUM, CLOSE THE LANE USING THE NCDOT ROADWAY STANDARD DRAWINGS. CONDUCT THE WORK SO THAT ALL PERSONNEL AND / OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- DO NOT PERFORM WORK INVOLVING HEAVY EQUIPMENT WITHIN 15 FEET OF THE EDGE OF TRAVELWAY WHEN WORK IS BEING PERFORMED BEHIND A LANE CLOSURE ON THE OPPOSITE SIDE OF THE TRAVELWAY.
- WHEN BARRIER IS PLACED ON THE ROADWAY SHOULDER, INSTALL SHOULDER CLOSURE SIGNS AND DEVICES IN ADVANCE OF THE BARRIER USING NCDOT ROADWAY STANDARD DRAWINGS.
- USE CONNECTED LANE CLOSURE DEVICES (SEE PROJECT SPECIAL PROVISIONS)

**LANE CLOSURE NOTICES (LCN)**

- THE CONTRACTOR SHALL ISSUE A LANE CLOSURE NOTICE (LCN) TO NCDOT AND AFFECTED GOVERNMENT ENTITIES A MINIMUM OF THIRTY (30) CALENDAR DAYS PRIOR TO THE PUBLICATION OF ANY NOTICES OR PLACEMENT OF ANY TRAFFIC CONTROL DEVICES ASSOCIATED WITH LANE CLOSURES, DETOUR ROUTING OR OTHER CHANGE IN TRAFFIC CONTROL REQUIRING LANE CLOSURES. THE CONTRACTOR WILL BE ALLOWED TO ISSUE A SINGLE LCN FOR MULTIPLE / CONSECUTIVE LANE CLOSURES THAT OCCUR IN THE SAME LOCATION.
- FOR A LCN UTILIZING A NON-NCDOT CONTROLLED FACILITY, THE CONTRACTOR SHALL SECURE CONCURRENCE, IN WRITING, FROM THE CONTROLLING GOVERNMENT ENTITY. A LCN SHALL CONTAIN THE ESTIMATED DATE, TIME, DURATION AND LOCATION OF THE PROPOSED WORK. THE CONTRACTOR SHALL KEEP NCDOT INFORMED OF ANY AND ALL CHANGES OR CANCELLATIONS OF PROPOSED LANE CLOSURES PRIOR TO THE DATE OF THEIR IMPLEMENTATION.
- IF AN EMERGENCY CONDITION SHOULD OCCUR, A LCN SHALL BE PROVIDED TO NCDOT WITHIN TWO (2) DAYS AFTER THE EVENT. FOR NON-NCDOT CONTROLLED FACILITIES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTROLLING GOVERNMENT ENTITY.

**ROAD CLOSURE REQUIREMENTS**

- FURNISH AND INSTALL ALL TEMPORARY SIGNING AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED FOR TEMPORARY ROAD CLOSURES, INCLUDING TEMPORARY ROUTE SIGNS REQUIRED FOR OFF-SITE DETOURS.
- COVER OR REMOVE ALL TEMPORARY ROAD CLOSURE SIGNS AND DEVICES WHEN A TEMPORARY ROAD CLOSURE IS NOT IN OPERATION. WHEN A DETOUR IS NOT IN OPERATION, COVER OR REMOVE ALL TEMPORARY DETOUR SIGNS.
- WHEN CLOSING A ROADWAY, INSTALL/UNCOVER DETOUR AND ROAD CLOSURE SIGNS FIRST, AND INSTALL CLOSURE BARRICADES LAST. WHEN RE-OPENING A ROADWAY, REMOVE CLOSURE BARRICADES FIRST, THEN REMOVE/COVER SIGNS.
- DO NOT SIMULTANEOUSLY CLOSE ADJACENT INTERCHANGES UNLESS ALLOWED IN THE PLANS, OR DIRECTED BY THE ENGINEER.

**TRAFFIC PATTERN ALTERATIONS**

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

**ROAD CLOSURE NOTICE (RCN)**

- PROPOSED ROAD CLOSURES ON ANY ROAD SHALL BE APPROVED BY THE ENGINEER PRIOR TO INCORPORATION IN THE TRANSPORTATION MANAGEMENT PLANS.
- THE CONTRACTOR SHALL ISSUE A ROAD CLOSURE NOTICE (RCN) TO NCDOT AND AFFECTED GOVERNMENT ENTITIES A MINIMUM OF THIRTY (30) CALENDAR DAYS PRIOR TO THE PUBLICATION OF ANY NOTICES OR PLACEMENT OF ANY TRAFFIC CONTROL DEVICES ASSOCIATED WITH ROAD CLOSURES, DETOUR ROUTING OR OTHER CHANGE IN TRAFFIC CONTROL REQUIRING ROAD CLOSURES.
- FOR A RCN UTILIZING A NON-NCDOT CONTROLLED FACILITY, THE CONTRACTOR SHALL SECURE CONCURRENCE IN WRITING FROM THE CONTROLLING GOVERNMENT ENTITY. A RCN SHALL CONTAIN THE ESTIMATED DATE, TIME, DURATION, AND LOCATION OF THE PROPOSED WORK. THE CONTRACTOR SHALL KEEP NCDOT AND ANY OTHER AFFECTED GOVERNMENT ENTITY INFORMED OF ANY AND ALL CHANGES OR CANCELLATIONS OF PROPOSED ROAD CLOSURES PRIOR TO THE DATE OF THEIR IMPLEMENTATION.
- IF AN EMERGENCY CONDITION SHOULD OCCUR, A RCN SHALL BE PROVIDED TO NCDOT WITHIN TWO (2) DAYS AFTER THE EVENT. FOR NON-NCDOT CONTROLLED FACILITIES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTROLLING GOVERNMENT ENTITY.

**HAULING REQUIREMENTS**

- THE CONTRACTOR SHALL ADHERE TO THE HAULING RESTRICTIONS NOTED IN THE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
- THE CONTRACTOR SHALL CONDUCT ALL HAULING OPERATIONS AS FOLLOWS:
  - DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS AN APPROVED TEMPORARY TRAFFIC BARRIER OR GUARDRAIL SEPARATES THE TRAFFIC FROM THE HAULING OPERATION.
  - DO NOT HAUL DURING THE LANE NARROWING, LANE CLOSURE, HOLIDAY AND SPECIAL EVENTS TIME RESTRICTIONS, UNLESS THE HAULING OPERATION OCCURS COMPLETELY BEHIND TEMPORARY TRAFFIC BARRIER OR GUARDRAIL AND DOES NOT IMPACT TRAFFIC OPERATIONS.
  - INGRESS AND EGRESS FROM RAMPS, OR FROM BEHIND LANE CLOSURES WILL BE ALLOWED.
  - ALL ENTRANCES AND EXITS FOR HAULING TO AND FROM THE WORK ZONE SHALL BE IN ACCORDANCE WITH THE NCDOT ROADWAY STANDARD DRAWINGS OR THE TYPICAL MEDIAN ACCESS AREAS PROJECT SPECIAL PROVISION.
  - HAUL VEHICLES SHALL NOT ENTER AND / OR EXIT AN OPEN TRAVEL LANE AT SPEEDS MORE THAN 10 MPH BELOW THE POSTED SPEED LIMIT.
  - A HAULING ACCESS POINT TO THE I-95 MEDIAN WILL BE ALLOWED AT THE SOUTH END AND NORTH END OF THE PROJECT AND THE LOCATIONS ARE SUBJECT TO DEPARTMENT APPROVAL. ADDITIONAL HAULING ACCESS POINTS TO THE I-95 MEDIAN SHALL BE LIMITED TO THREE PER DIRECTION, AT A LOCATION CHOSEN BY THE CONTRACTOR AND APPROVED BY THE DEPARTMENT. THE MEDIAN HAULING ACCESS POINTS MAY BE MOVED DURING CONSTRUCTION, AS APPROVED BY THE DEPARTMENT.
  - UPON AWARD OF THE PROJECT THE CONTRACTOR SHALL PROVIDE A HAULING PLAN TO THE ENGINEER. THE PLAN SHALL ADDRESS HOW HAULING WILL BE CONDUCTED IN THE PROJECT, INCLUDING BUT NOT LIMITED TO, HAULING OF ANY MATERIALS TO AND FROM THE SITE AND MATERIAL WITHIN THE NCDOT RIGHT OF WAY. ALL HAULING ENTRANCES, EXITS AND CROSSINGS WILL REQUIRE APPROVAL FROM THE DEPARTMENT. HAULING SHALL BE COORDINATED WITH CONTRACTOR(S) OF ADJACENT PROJECTS.
  - SIGNS WITH ACTIVATED BEACONS OR LED FLASHERS SHALL BE INSTALLED AND USED WHEN HAULING FROM THE MEDIAN. THESE SIGNS SHALL BE ACTIVATED ONCE HAUL VEHICLES ARE DETECTED TO WARN MOTORISTS OF VEHICLES ENTERING THE HIGHWAY FROM THE MEDIAN. (REFERENCE THE TYPICAL MEDIAN ACCESS AREAS PROJECT SPECIAL PROVISION)
  - HAULING OPERATIONS THAT PERPENDICULARLY CROSS A ROADWAY SHALL REQUIRE TRANSPORTATION MANAGEMENT PLANS AND SHALL BE SUBJECT TO THE LANE CLOSURE TIME RESTRICTIONS, AND HOLIDAY AND SPECIAL EVENT TIME RESTRICTIONS EXCLUDING HAULING OPERATIONS THAT ARE CONDUCTED ENTIRELY BEHIND A TEMPORARY TRAFFIC BARRIER OR GUARDRAIL.

GENERAL NOTES