

GENERAL NOTES

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 - REQUIRES INTERMEDIATE CONTRACT TIME PROJECT SPECIAL PROVISIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES FOR LONGER THAN TWO CONSECUTIVE DAYS AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
US 23/US 74 & US 19 RAMP	MONDAY-FRIDAY 6:00 AM - 9:00 AM 3:00 PM - 6:00 PM

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

- FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR EASTER, ALL TIMES BETWEEN THE THURSDAY BEFORE AND THE MONDAY AFTER.
- FOR MEMORIAL DAY, ALL TIMES BETWEEN THE FRIDAY BEFORE AND THE TUESDAY AFTER.
- FOR INDEPENDENCE DAY, NOON THE DAY BEFORE INDEPENDENCE DAY THROUGH 8:00 A.M. THE DAY AFTER INDEPENDENCE DAY. IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY, THEN FROM NOON THE THURSDAY BEFORE INDEPENDENCE DAY TO THE TUESDAY AFTER INDEPENDENCE DAY.
- FOR LABOR DAY, ALL TIMES BETWEEN THE FRIDAY BEFORE AND THE TUESDAY AFTER.
- FOR THANKSGIVING DAY, ALL TIMES BETWEEN THE TUESDAY BEFORE AND THE MONDAY AFTER.
- FOR CHRISTMAS AND NEW YEAR'S DAY, ALL TIMES BETWEEN THE FRIDAY BEFORE THE WEEK OF CHRISTMAS AND THE DAY AFTER NEW YEAR'S DAY. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY OR SUNDAY, OR MONDAY, THEN THE FOLLOWING TUESDAY AFTER NEW YEAR'S DAY.
- FOR LEAF SEASON, THE FIRST WEEKEND IN OCTOBER THROUGH THE FIRST WEEKEND IN NOVEMBER AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
US 23/US 74 & US 19	MONDAY-THURSDAY 6:00 AM - 7:00 PM
	FRIDAY 6:00 AM - 9:00 PM
	SATURDAY 9:00 AM - 9:00 PM
	SUNDAY NOON - 8:00 PM

- FOR THE NORTH CAROLINA MOUNTAIN STATE FAIR (TYPICALLY HELD FOR 10 DAYS STARTING THE FRIDAY AFTER LABOR DAY), BETWEEN THE HOURS OF 3:00 PM THE FRIDAY FOLLOWING LABOR DAY AND 7:00 AM THE FOLLOWING MONDAY AFTER THE FAIR CONCLUDES.

C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	OPERATION & DURATION
US 74/US 23	MONDAY - SUNDAY 6:00 AM - 6:00 PM	30 MINS OVERHEAD SIGN, TRAFFIC SHIFTS, PAVEMENT MARKER INSTALLATION
US 19 RAMP	MONDAY - SUNDAY 6:00 AM - 6:00 PM	30 MINS RESET PCB

D) DO NOT CONDUCT SINGLE VEHICLE HAULING AS FOLLOWS; INGRESS AND EGRESS FROM RAMPS WILL BE ALLOWED:

ROAD NAME	DAY AND TIME RESTRICTIONS
US 19 RAMP & US 74/US 23	MONDAY - FRIDAY 6:00 AM - 9:00 AM & 3:00 PM-6:00 PM

E) DO NOT CONDUCT MULTI-VEHICLE HAULING AS FOLLOWS; INGRESS AND EGRESS FROM RAMPS WILL BE ALLOWED:

ROAD NAME	DAY AND TIME RESTRICTIONS
US 19 RAMP & US 74/US 23	MONDAY - FRIDAY 6:00 AM - 9:00 AM & 3:00 PM-6:00 PM

F) 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.

LANE AND SHOULDER CLOSURE REQUIREMENTS

G) 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 OR AS DIRECTED BY THE ENGINEER.

H) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

I) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

J) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, 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.

K) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

L) DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON US 74/US 23.

PAVEMENT EDGE DROP OFF REQUIREMENTS

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

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

N) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 500 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

P) FOR STATIONARY AND PORTABLE WORK ZONE SIGNS, SEE HIGH VISIBILITY DEVICES SPECIAL PROVISION.

Q) 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.

R) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE OR SHIFT LANES ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING AND DEVICES FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLAN.

S) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE OR SHIFT LANES WHEN ROAD CLOSURE OR LANE SHIFT IS NOT IN OPERATION.

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

U) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 500 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

CONTINUED...

TRAFFIC MANAGEMENT STRATEGIES

THE FOLLOWING LISTED WORK ZONE STRATEGIES ARE RECOMMENDED FOR INCLUSION WITHIN THIS TRANSPORTATION MANAGEMENT PLAN (TMP).

TRAFFIC MANAGEMENT STRATEGIES

- LANE SHIFTS OR CLOSURES
- TEMPORARY RAMP CLOSURES WITH OFF-SITE DETOUR
- FULL ROADWAY CLOSURES FOR OVERHEAD WORK
- SHOULDER CLOSURES
- NIGHT WORK
- WORK HOUR RESTRICTIONS FOR PEAK HOUR TRAVEL AND SPECIAL EVENTS

WORK ZONE SAFETY & MOBILITY STRATEGIES

- SPEED LIMIT REDUCTION
- DIGITAL SPEED LIMIT SIGNS
- SEQUENTIAL FLASHING LIGHTS TEMPORARY LANE CLOSURES
- WORK ZONE PERFORMANCE PAVEMENT MARKINGS
- BLACK PAVEMENT MARKING TO COVER CONFLICTING MARKINGS BEYOND PAVING LIMITS

TRAFFIC / INCIDENT MANAGEMENT & SPEED ENFORCEMENT STRATEGIES:

- COORDINATION WITH LOCAL MEDIA
- INCREASED PENALTIES FOR WORK ZONE VIOLATIONS

CONTRACTING & INNOVATIVE CONSTRUCTION STRATEGIES:

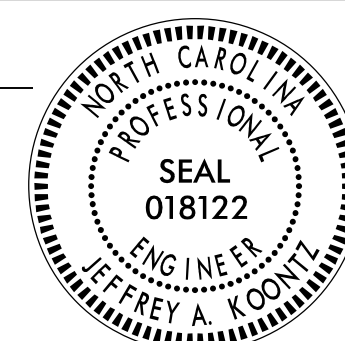
- INTERMEDIATE CONTRACT TIMES / LIQUIDATED DAMAGES

OVERVIEW


- US 74/US 23 CONSTRUCTED USING TEMPORARY ON-SITE DETOURS
- WESTBOUND US 74/US 23 FLYOVER BRIDGE AND BRIDGE OVER RICHLAND CREEK ARE CONSTRUCTED IN MULTIPLE STAGES.
- TEMPORARY SHORING REQUIRED
- SHORT TERM CLOSURES OF US 19 RAMP

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PROJECT NOTES

**TRAFFIC
MANAGEMENT STRATEGIES**