# MANAGEMENT **STRATEGIES**

IN PHASE 1, TRAFFIC IS MAINTAINED ON EXISTING TRAVEL LANES AND CONSTRUCTION MAY BEGIN ON THE LEFT, RIGHT, OR BOTH SIDES OF THE ROAD, INCLUDING TEMPORARY PAVEMENT NEEDED FOR INTERIM TRAFFIC SHIFTS IN PHASE 1. ALL RETAINING WALLS ON THE RIGHT SIDE WILL BE CONSTRUCTED IN PHASE 1, EXCEPT RETAINING WALL #6, WHICH WILL BE CONSTRUCTED IN PHASE 2. WEDGING OVER EXISTING PAVEMENT WILL BE REQUIRED ON -L- (NC 107) IN ALL AREAS IN ORDER TO MAINTAIN TRAFFIC. AT THE CULVERT/PIPE AREAS AT -L- STA. 142+78 +/-, STA. 164+75 +/-, AND STA. 168+50 +/-, AN ON-SITE DETOUR OR TEMPORARY PAVEMENT WILL BE CONSTRUCTED, THEN TRAFFIC SHIFTED ONTO THE ON-SITE DETOUR IN ORDER TO CONSTRUCT STAGE 1 OF THE PIPE/CULVERT. ONCE STAGE 1 OF EACH CULVERT IS COMPLETED, TRAFFIC IS SHIFTED TO THE LEFT TO COMPLETE STAGE 2 OF EACH CULVERT

IN PHASE 2, TRAFFIC IS SHIFTED TO NEW PAVEMENT. (SEE PLANS FOR LOCATIONS) DURING THIS PHASE, THE REMAINDER OF THE ROADWAY CAN BE COMPLETED, INCLUDING RETAINING WALL #6, EXCEPT FOR THREE LOCATIONS ON THE LEFT SIDE OF -L-(NC 107).

IN PHASE 3, THE REMAINDER OF THE CONSTRUCTION OMITTED IN PHASE 2 WILL BE CONSTRUCTED.

ONCE ALL WORK IS COMPLETE. THE FINAL LAYER OF SURFACE COURSE AND FINAL MARKINGS & MARKERS WILL BE PLACED.

## GENERAL NOTES

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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 UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING. SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE

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 DURING HOLIDAYS AND SPECIAL **EVENTS AS FOLLOWS:** 

## ROAD NAME

-L- (NC 107) & -Y4- (NC 281)

#### **HOLIDAY**

- 1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- 2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 5:00 P.M. DECEMBER 31st TO 8:00 A.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 8:00 A.M. THE FOLLOWING TUESDAY.
- 3. FOR EASTER, BETWEEN THE HOURS OF 5:00 P.M. THURSDAY AND 8:00 A.M. MONDAY.
- 4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 5:00 P.M. FRIDAY TO 8:00 A.M. TUESDAY.
- 5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 5:00 P.M. THE DAY BEFORE INDEPENDENCE DAY AND 8:00 A.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 5:00 P.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 8:00 A.M. THE TUESDAY AFTER INDEPENDENCE DAY.

- 6. FOR LABOR DAY, BETWEEN THE HOURS OF 5:00 P.M. FRIDAY AND 8:00 A.M. TUESDAY.
- 7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 5:00 P.M. TUESDAY TO 8:00 A.M. MONDAY.
- 8. FOR CHRISTMAS, BETWEEN THE HOURS OF 5:00 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 8:00 A.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- 9. FOR WEEKENDS DURING THE MONTH OF OCTOBER, BETWEEN THE HOURS OF 6:00 AM FRIDAY TO 6:00 AM MONDAY.

B) DO NOT STOP TRAFFIC AS FOLLOWS:

DURATION DAY AND TIME ROAD NAME AND OPERATION RESTRICTIONS -L- (NC 107) MONDAY - FRIDAY: 20 MINUTES FOR 6:00 AM - 8:00 AM BLASTING OPERATIONS 4:00 PM - 6:00 PM OR TRAFFIC SHIFTS

PROJ. REFERENCE NO.

R-4753

HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116

SHEET NO. TMP-1B

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.

#### LANE AND SHOULDER CLOSURE REQUIREMENTS

- D) 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.
- E) 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.
- F) 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.

- G) 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.
- H) 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.
- I) DO NOT INSTALL MORE THAN ONE MILE OF LANE CLOSURE ON NC 107 MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
- J) DO NOT INSTALL MORE THAN 2 SIMULTANEOUS LANE CLOSURES IN ANY ONE DIRECTION ON NC 107.
- K) PROVIDE A MINIMUM OF 1 MILE BETWEEN LANE CLOSURES, MEASURED FROM THE END OF ONE CLOSURE TO THE FIRST SIGN OF THE NEXT LANE CLOSURE.
- L) PROVIDE TRAFFIC CONTROL FOR APPROPRIATE LANE CLOSURES FOR SURVEYING DONE BY THE DEPARTMENT.

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



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