



|                     |           |
|---------------------|-----------|
| PROJ. REFERENCE NO. | SHEET NO. |
| R-2206AA            | TCP-2     |

# PROJECT NOTES

## GENERAL NOTES

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.

ADAPT THE TRAFFIC CONTROL PLANS, WHEN DIRECTED BY THE ENGINEER, TO MEET FIELD CONDITIONS TO PROVIDE SAFE AND EFFICIENT TRAFFIC MOVEMENT. CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS AND ROADWAY DETAILS ARE NOT ATTAINABLE, OR RESULT IN DUPLICATE, OR UNDESIRE OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES.

**TIME RESTRICTIONS**

- A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:
- | ROAD NAME       | DAY AND TIME RESTRICTIONS                        |
|-----------------|--|
| 1. NC 16 (-L-)  | 7 A.M. THRU 9 A.M. AND<br>4 P.M. THRU 6 P.M. M-F |
| 2. NC 73 (-Y7-) | 7 A.M. THRU 9 A.M. AND<br>4 P.M. THRU 6 P.M. M-F |

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

- ROAD NAME
- NC 16 (-L-)
  - NC 73 (-Y7-)

HOLIDAY

- FOR ANY EVENT THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 4 P.M. DECEMBER 31ST TO 9 A.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A SATURDAY OR A SUNDAY, THEN UNTIL 9 A.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 4 P.M. THURSDAY AND 9 A.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 4 P.M. FRIDAY TO 9 A.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 4 P.M. THE DAY BEFORE INDEPENDENCE DAY AND 9 A.M. THE DAY AFTER INDEPENDENCE DAY.  
  
IF INDEPENDENCE DAY IS ON A SATURDAY OR SUNDAY, THEN BETWEEN THE HOURS OF 4 P.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 9 A.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- FOR LABOR DAY, BETWEEN THE HOURS OF 4 P.M. FRIDAY TO 9 A.M. TUESDAY.
- FOR THANKSGIVING, BETWEEN THE HOURS OF 4 P.M. TUESDAY TO 9 A.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 4 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 9 A.M. THE FOLLOWING MONDAY AFTER THE WEEK OF CHRISTMAS.
- FOR RACE EVENTS AT LOWE'S MOTOR SPEEDWAY, BETWEEN THE HOURS OF 6 A.M. THE FRIDAY OF THE WEEK OF THE EVENT AND 9 A.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF THE EVENT.

- C) DO NOT STOP TRAFFIC FOR MORE THAN 15 MINUTES AS FOLLOWS:

| ROAD NAME      | OPERATION     |
|----------------|---------------|
| 1. NC 16 (-L-) | TRAFFIC SHIFT |

**LANE AND SHOULDER CLOSURE REQUIREMENTS**

- 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.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 12m 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.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 3m 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.
- DO NOT WORK SIMULTANEOUSLY, ON BOTH SIDES OF AN OPEN TRAVELWAY, WITHIN THE SAME LOCATION, ON A TWO-LANE, TWO-WAY ROAD.
- DO NOT PERFORM WORK INVOLVING HEAVY EQUIPMENT WITHIN 5m OF THE EDGE OF TRAVELWAY WHEN WORK IS BEING PERFORMED BEHIND A LANE CLOSURE ON THE OPPOSITE SIDE OF THE TRAVELWAY.

**PAVEMENT EDGE DROP OFF REQUIREMENTS**

- 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 A DROP-OFF AS FOLLOWS:  
  
BACKFILL DROP-OFFS THAT EXCEED 50mm ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.  
  
BACKFILL DROP-OFFS THAT EXCEED 75mm 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.
- DO NOT EXCEED A DIFFERENCE OF 40mm IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 150m IN ADVANCE AND A MINIMUM OF ONCE EVERY MILE THROUGHOUT THE UNEVEN AREA.

**TRAFFIC PATTERN ALTERATIONS**

- NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

**SIGNING**

- INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 31m FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.  
  
WHEN NO WORK IS BEING CONDUCTED FOR A PERIOD LONGER THAN ONE WEEK, REMOVE OR COVER ALL ADVANCE WORK ZONE WARNING SIGNS, AS DIRECTED BY THE ENGINEER, AT NO COST TO THE DEPARTMENT.
- PROVIDE PERMANENT SIGNING WITHIN THE PROJECT LIMITS.
- ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

**TRAFFIC CONTROL DEVICES**

- WHEN USING ROADWAY STANDARD NO. 1101.02 (SHEET 1 OF 7), DRUMS MAY BE USED IN LIEU OF CONES ON NC 73.
- SPACE CHANNELIZING DEVICES IN WORK AREAS EQUAL IN METERS TO 2/3 rds THE POSTED SPEED LIMIT (MPH), EXCEPT 3m ON-CENTER IN RADII, AND 1m OFF THE EDGE OF AN OPEN TRAVELWAY, WHEN LANE CLOSURES ARE NOT IN EFFECT.
- PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY. STAGGER OR OVERLAP BARRICADES TO ALLOW FOR INGRESS OR EGRESS.

**PAVEMENT MARKINGS AND MARKERS**

- INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS AS FOLLOWS:
 

| ROAD NAME                              | MARKING | MARKER           |
|--|---------|------------------|
| 1. NC 16 (-L-)                         | PAINT   | TEMPORARY RAISED |
| 2. RAMPS -A-, -B-, -CA-, -BC-, AND -C- | PAINT   | TEMPORARY RAISED |
- INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:
 

| ROAD NAME                              | MARKING       | MARKER              |
|--|---------------|---------------------|
| 1. NC 16 (-L-)                         | POLYUREA      | SNOWPLOWABLE RAISED |
| 2. RAMPS -A-, -B-, -CA-, -BC-, AND -C- | POLYUREA      | SNOWPLOWABLE RAISED |
| 3. NC 73 (-Y7-)                        | THERMOPLASTIC | PERMANENT RAISED    |
- TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- REPLACE ANY PAVEMENT MARKINGS THAT HAVE BEEN DAMAGED BY THE END OF EACH DAY'S OPERATION.
- PLACE AT LEAST TWO APPLICATIONS OF PAINT ON NEW ASPHALT WITH TEMPORARY TRAFFIC PATTERNS WHICH WILL REMAIN IN PLACE OVER THREE (3) MONTHS. PLACE ADDITIONAL APPLICATIONS OF PAINT UPON SUFFICIENT DRYING TIME, AS DETERMINED BY THE ENGINEER.

**TEMPORARY/FINAL SIGNALS**

- NOTIFY THE ENGINEER TWO (2) MONTHS BEFORE A TRAFFIC SIGNAL INSTALLATION BY OTHERS IS REQUIRED.
- SHIFT AND REVISE ALL SIGNAL HEADS AS SHOWN ON THE SIGNAL PLANS.

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| APPROVED:  DATE: 09/01/04<br><br>   | <h2 style="margin: 0;">PROJECT NOTES</h2> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">REVISIONS</th> </tr> <tr> <td style="width: 50%;"> </td> <td style="width: 50%;"> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table> | REVISIONS    |                |                  |  |   |           |  |  |
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