

MANAGEMENT STRATEGIES

THE OBJECTIVE OF THIS PROJECT IS TO COMPLETE IMPROVEMENTS TO NC 211 (-L-), INCLUDING GRADE CHANGES AND WIDENING FROM THE EXISTING TWO-LANE, TWO WAY TO A FOUR LANE DIVIDED HIGHWAY.

NOTE: DURING ALL PHASES, LANE CLOSURE OPERATIONS WILL NOT BE ALLOWED DURING PEAK HOURS IN THE OFF-SEASON (FROM SEPTEMBER 16 TO TWO WEEKS BEFORE EASTER) AND WILL ONLY BE ALLOWED AT NIGHT IN THE PEAK SEASON (FROM TWO WEEKS BEFORE EASTER TO SEPTEMBER 15).

PHASE I INCLUDES INTERSECTION WORK AND COMPLETING THE FUTURE WESTBOUND LANES. STAGED CONSTRUCTION AND SHORING IS REQUIRED AT CULVERTS AND LARGE PIPES. ICT'S ARE REQUIRED TO LIMIT THE IMPACTS AT INTERSECTIONS AND MAJOR ACCESS POINTS. AN OFF-SITE DETOUR, INTERMEDIATE PHASING AND STAGE CONSTRUCTION IS REQUIRED TO COMPLETE RIVER ROAD (-Y22-) AND NC 211 (-L-) FROM RIVER RD TO THE END OF THE PROJECT. Y-LINES ADJACENT TO CONSTRUCTION ARE COMPLETED AS MUCH AS POSSIBLE.

PHASE II BEGINS WITH THE TRAFFIC SHIFTED TO THE FUTURE WESTBOUND LANES AND THE EASTBOUND LANES ARE CONSTRUCTED. CULVERT STAGING BEGUN IN PHASE I ARE COMPLETED. Y-LINES ADJACENT TO CONSTRUCTION ARE COMPLETED AS MUCH AS POSSIBLE.

IN PHASE III, THE EASTBOUND TRAFFIC IS SHIFTED TO THE OUTER MOST EASTBOUND LANE WITH THE LANES ADJACENT TO THE MEDIAN CLOSED IN BOTH DIRECTIONS. ANY REMAINING MEDIAN WORK, CURB AND GUTTER AND ISLAND CONSTRUCTION IS COMPLETED AND FINAL LAYER OF ASPHALT, PAVEMENT MARKINGS AND MARKERS ARE PLACED.

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 UNDESIRED 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, DETAIN, ALTER, OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
PEAK SEASON - FROM TWO (2) WEEKS PRIOR TO EASTER THRU SEPTEMBER 15:	
NC 211 (-L-/-LREV-) NC 906 (-YREV-) NC 133 (-Y14A-) SR 1969 (-Y14C-/-Y14D-) DOSHER CUT OFF (-Y19REV-) NC 87 (-Y22-)	MONDAY THRU THURSDAY 6:00 AM - 7:00 PM AND 6:00 AM FRIDAY THRU 7:00 PM SUNDAY
OFF-SEASON - FROM SEPTEMBER 16 THRU TWO (2) WEEKS PRIOR TO EASTER:	
NC 211 (-L-/-LREV-) NC 906 (-YREV-) NC 133 (-Y14A-) SR 1969 (-Y14C-/-Y14D-) DOSHER CUT OFF (-Y19REV-) NC 87 (-Y22-)	MONDAY THRU SUNDAY 6:00 AM - 7:00 PM

GENERAL NOTES

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

ROAD NAME

NC 211 (-L-/-LREV-)
NC 906 (-YREV-)
NC 133 (-Y14A-)
SR 1969 (-Y14C-/-Y14D-)
DOSHER CUT-OFF (-Y19REV-)
NC 87 (-Y22-)

HOLIDAY

- FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 31ST TO 7:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN UNTIL 7:00 P.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 7:00 P.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 7:00 P.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 7:00 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 7:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 7:00 P.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 7:00 P.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- FOR KING MACKEREL TOURNAMENT, BETWEEN THE HOURS OF 6:00 A.M. THE THURSDAY BEFORE THE KING MACKEREL TOURNAMENT AND 7:00 P.M. THE FOLLOWING SUNDAY AFTER THE KING MACKEREL TOURNAMENT.

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.

D) DO NOT STOP TRAFFIC AS FOLLOWS:

<u>ROAD NAME</u>	<u>DAY AND TIME RESTRICTIONS</u>	<u>DURATION AND OPERATION</u>
NC 211 (-L-/-LREV-)	MONDAY-SUNDAY 5:00AM - 12AM (MIDNIGHT)	30 MINUTES FOR GIRDER INSTALLATION
NC 211 (-L-/-LREV-) NC 906 (-YREV-) NC 133 (-Y14A-) SR 1969 (-Y14C-/-Y14D-)	MONDAY-SUNDAY 5:00AM - 12AM (MIDNIGHT)	SIGNAL MAST ARMS
NC 211 (-L-) NC 906 (-YREV-)	5:00AM - 12AM (MIDNIGHT)	30 MINUTES FOR TRAFFIC SHIFT
ALL OTHER ROADS	5:00AM - 12AM (MIDNIGHT)	AS DIRECTED BY ENGINEER

LANE CLOSURE REQUIREMENTS

- E) 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.
- F) 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.

G) 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.

H) 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 REMAINS WITHIN THE CLOSED TRAVEL LANE.

I) 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.

J) DO NOT INSTALL MORE THAN 2 SIMULTANEOUS LANE CLOSURES IN ANY ONE DIRECTION ON -L- (NC 211).

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) DO NOT INSTALL MORE THAN 2500 FT OF LANE CLOSURE ON -L- (NC 211) MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.

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' 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) 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.

Q) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.

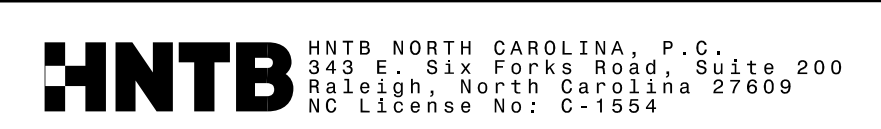
R) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

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

T) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 500' IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

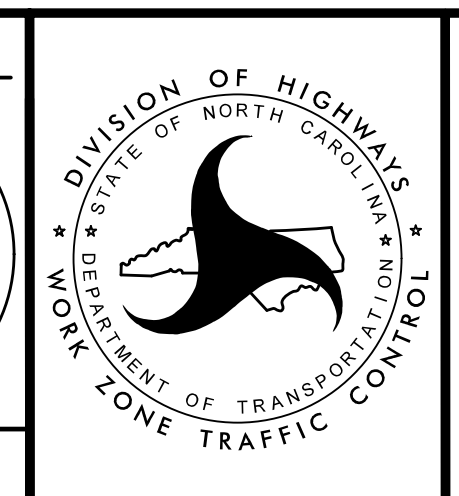
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APPROVED: *Helen Shyu*
DATE: 9/9/2021

SEAL

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TRANSPORTATION
MANAGEMENT PLAN

MANAGEMENT STRATEGIES & GENERAL NOTES