

MANAGEMENT STRATEGIES

CONSTRUCTION

REPLACE EXISTING TWO-LANE ROADWAY WITH A PROPOSED MULTIPLE LANE/FOUR LANE DIVIDED FACILITY ON NC 3 AT THE WESTERN EDGE OF KANNAPOLIS.

MOST OF THE EXISTING -L- PAVEMENT MUST BE REPLACED WITH NEW PAVEMENT.

ONE EXISTING BRIDGE WILL BE REPLACED WITH TWO NEW BRIDGES.

TEMPORARY SHORING AND PORTABLE CONCRETE BARRIER WILL BE REQUIRED AT TWO NEW BOX CULVERTS LOCATED AT STA. 40+00+/- -L- AND AT AT STA. 117+00+/- -L-.

THIS PROJECT WILL ADD NEW SIDEWALKS ON BOTH SIDES OF THE ROAD FOR THE ENTIRE PROJECT LENGTH, MOST OF WHICH WILL BE CONSTRUCTED AFTER THE FINAL PAVEMENT MARKINGS ARE INSTALLED.

THIS PROJECT INCLUDES ADDING BICYCLE LANES HOWEVER THERE ARE NOT INCLUDED IN THE TEMPORARY PAVEMENT MARKINGS. THESE LANES WILL BE INCLUDED IN THE FINAL PAVEMENT MARKINGS. SIMILARLY, EXCEPT AS NOTED IN THE TRAFFIC CONTROL PLANS, CROSSWALKS ARE NOT INCLUDED IN THE TEMPORARY PAVEMENT MARKINGS. NEW SIDEWALKS WILL BE CONSTRUCTED JUST PRIOR TO THE INSTALLATION OF THE FINAL PAVEMENT MARKINGS. SHORTLY THEREAFTER BOTH WILL BE OPENED AND FINAL SIGNALS ACTIVATED.

SOME OF THE LARGE CROSS DRAIN PIPE CULVERTS WILL BE CONSTRUCTED USING THE BORE AND JACK METHOD.

TMP DESIGN PARAMETERS

CHANGEABLE MESSAGE SIGNS FOR BOTH DIRECTIONS OF NC 3 WILL BE USED FOR PUBLIC INFORMATION, TRAVEL ALERTS AND TRAFFIC CONDITIONS.

DAILY LANE CLOSURE TIME RESTRICTIONS ALONG WITH HOLIDAYS AND SPECIAL EVENTS TIME RESTRICTIONS WILL BE IN EFFECT (SEE SHEET TMP-1B AND THE INTERMEDIATE CONTRACT TIME SPECIAL PROVISIONS).

THIS PROJECT WILL UTILIZE OFF-SITE DETOURS TO CONSTRUCT SELECTED -Y- LINES AND SOME CONSTRUCTION DURATIONS WILL BE LIMITED USING INTERMEDIATE CONTRACT TIME SPECIAL PROVISIONS.

SOME -Y- LINES WILL BE CONSTRUCTED UNDER TRAFFIC USING FLAGGING OPERATIONS.

GENERAL NOTES

PROJ. REFERENCE NO.	SHEET NO.
U-3440	TMP-1B

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

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
MOORESVILLE ROAD (NC 3)	MONDAY THRU FRIDAY 5:00 AM - 8:00 AM 3:00 PM - 6:00 PM

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

ROAD NAME
MOORESVILLE ROAD (NC 3)

HOLIDAY

- FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 5:00 AM DECEMBER 31st TO 6:00 PM JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 6:00 PM THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 5:00 AM THURSDAY AND 6:00 PM MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 5:00 AM FRIDAY TO 6:00 PM TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 5:00 AM THE DAY BEFORE INDEPENDENCE DAY AND 6:00 PM THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 5:00 AM THE THURSDAY BEFORE INDEPENDENCE DAY AND 6:00 PM THE TUESDAY AFTER INDEPENDENCE DAY.
- FOR LABOR DAY, BETWEEN THE HOURS OF 5:00 AM FRIDAY AND 6:00 PM TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 5:00 AM TUESDAY TO 6:00 PM MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 5:00 AM THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 PM THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- FOR NASCAR, NHRA, AND AUTO FAIR EVENTS AT CHARLOTTE MOTOR SPEEDWAY, BETWEEN THE HOURS OF 5:00 AM THE WEDNESDAY BEFORE THE EVENT AND 6:00 PM THE MONDAY AFTER THE EVENT.

C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	OPERATION/ DURATION
MOORESVILLE ROAD (NC 3)	ANYTIME	15 MINUTES TRAFFIC SHIFTS

D) 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

- 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 REMAIN 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) PROVIDE TRAFFIC CONTROL FOR APPROPRIATE LANE CLOSURES FOR SURVEYING DONE BY THE DEPARTMENT.
- ## PAVEMENT EDGE DROP OFF REQUIREMENTS
- K) 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.

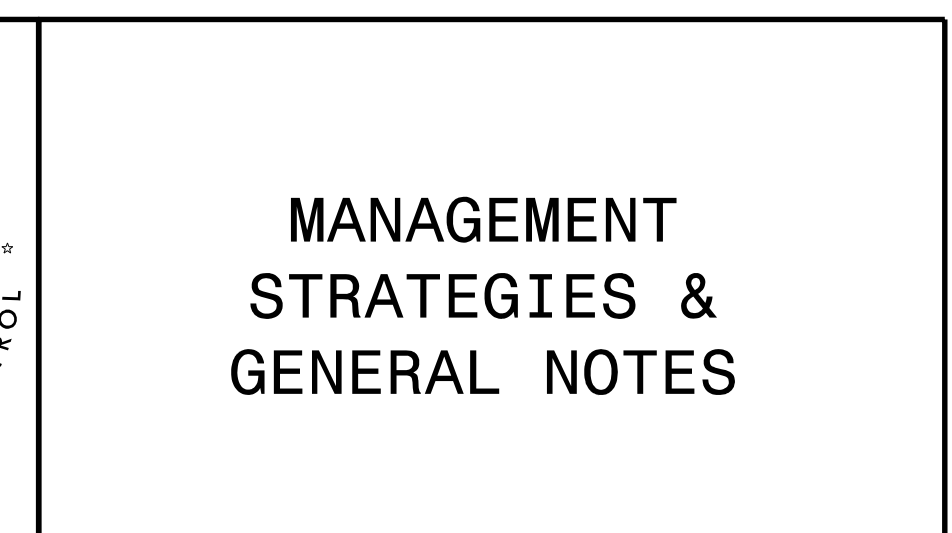
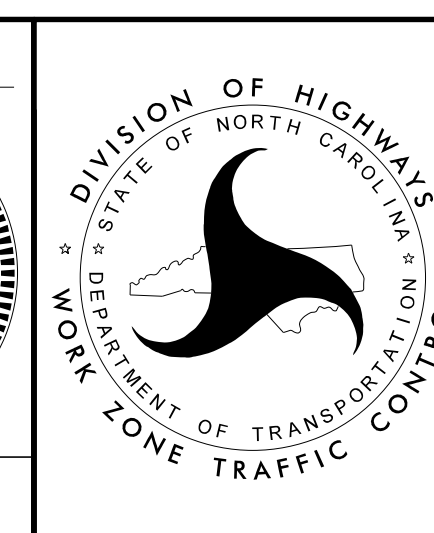
BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.
- L) 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 (WB-11) 200' IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

APPROVED: *Steve Kite*
DATE: 8/19/2016

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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