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

ALL ROADS WITHIN THE PROJECT

6:30 A.M. TO 8:30 A.M. AND 4:00 P.M. TO 6:00 P.M MONDAY THROUGH SATURDAY

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

ROAD NAME

ALL ROADS WITHIN THE PROJECT.

HOLIDAY

- FOR ANY EVENT THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- 2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 3:00 P.M. DECEMBER 31ST TO 9:00 A.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A SATURDAY OR A SUNDAY, THEN UNTIL 9:00 A.M. THE FOLLOWING TUESDAY.
- 3. FOR EASTER, BETWEEN THE HOURS OF 3:00 P.M. THURSDAY AND 9:00 A.M. MONDAY.
- 4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 3:00 P.M. FRIDAY TO 9:00 A.M. TUESDAY.
- 5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 3:00 P.M. THE DAY BEFORE INDEPENDENCE DAY AND 9:00 A.M. THE DAY AFTER

IF INDEPENDENCE DAY IS ON A SATURDAY OR SUNDAY, THEN BETWEEN THE HOURS OF 3:00 P.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 9:00 A.M. THE TUESDAY AFTER INDEPENDENCE DAY.

- FOR LABOR DAY, BETWEEN THE HOURS OF 3:00 P.M. FRIDAY TO 9:00 A.M. TUESDAY.
- 7. FOR THANKSGIVING, BETWEEN THE HOURS OF 3:00 P.M. TUESDAY TO 9:00 A.M. MONDAY.
- 8. FOR CHRISTMAS, BETWEEN THE HOURS OF 3:00 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 9:00 A.M. THE FOLLOWING MONDAY AFTER THE WEEK OF CHRISTMAS.
- 9. FOR 2008 US AMATEUR CHAMPIONSHIP, BETWEEN THE HOURS OF 8:00 P.M.
 THE FRIDAY BEFORE THE WEEK OF THE 2008 US AMATEUR CHAMPIONSHIP
 AND 6:00 AM THE MONDAY AFTER THE WEEK OF 2008 US AMATEUR CHAMPIONSHIP.

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 40 FT (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.

PROJECT NOTES

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT (1.5m) 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

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT (3m) OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRÁWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

- 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.
- 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 15 FT (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

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES (50mm) ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES (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 1.5 inches (40mm) IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 500 FT (150m) IN ADVANCE AND A MINIMUM OF ONCE EVERY MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

K) 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 100 FT (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.

- PERMANENT SIGNING WILL BE PROVIDED BY STATE FORCES
- DETOUR SIGNING OFF THE PROJECT LIMITS WILL BE PROVIDED BY STATE FORCES.
- ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY
- INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) 500 FT IN ADVANCE OF THE UNEVEN AREA.
- INSTALL BLACK ON ORANGE "BUMP" SIGNS (W8-1) 500 FT IN ADVANCE OF THE UNEVEN AREA.
- CONTRACTOR SHALL REMOVE, STOCKPILE AND RESET NON-DOT SIGNS IN THE PROJECT AREA AT THE DIRECTION OF THE ENGINEER.

PROJ. REFERENCE NO.	SHEET NO.
38067	TCP-1

TRAFFIC BARRIER

S) INSTALL AND SPACE DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH) TO CLOSE OR KEEP CLOSED THE SECTION OF THE ROADWAY UNTIL THE BARRIER CAN BE PLACED OR AFTER BARRIER IS REMOVED.

TRAFFIC CONTROL DEVICES

- T) WHEN USING ROADWAY STANDARD DRAWING NO. 1101.02, DRUMS MAY BE USED IN LIEU OF CONES ON -L- (NC 2 (MIDLAND RD.) -L1- (NC 5), -Y1- (CAROLINA VISTA), -Y2- (MCKENZIE RD.) AND -Y3- (AZALEA DR.)
- U) SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10 FT (3m) ON-CENTER IN RADII, AND 3 FT (1m) OFF THE EDGE OF AN OPEN TRAVELWAY, WHEN LANE CLOSURES ARE
- V) 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.
- PLACE SETS OF THREE DRUMS PERPENDICULAR TO THE EDGE OF THE TRAVELWAY ON 500 FT (150m) CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC. THESE DRUMS SHALL BE IN ADDITION TO CHANNELIZING



PROJECT NOTES

NONE 6/07 MRT GSD GSD

DIVISION DDC UNIT

REVISIONS

PROJECT NOTES

PROJ. REFERENCE NO. SHEET NO. 38067 TCP-2

GENERAL NOTES (CONT.)

PAVEMENT MARKINGS AND MARKERS

X) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

THERMOPLASTIC

ROAD NAME

MARKING

MARKER

ALL ROADS WITHIN THE PROJECT

PERMANENT RAISED

PAVEMENT MARKINGS AND MARKERS (CONT.)

- Y) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING
- Z) REPLACE ANY PAVEMENT MARKINGS THAT HAVE BEEN DAMAGED BY THE END OF EACH DAY'S OPERATION.
- AA) TRACE THE EDGE OF PROPOSED MONOLITHIC ISLANDS WITH THE PROPER COLOR PAVEMENT MARKING PRIOR TO INSTALLATION OF A PROPOSED MONOLITHIC
- BB) 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.

CC) INSTALL SIGNAL AS SHOWN ON THE SIGNAL PLANS.

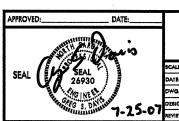
MISCELLANEOUS

- DD) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAYS TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION, AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) 500 FT (150m) AND 1000 FT (300m) RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.
- EE) PLACE DRUMS TO DELINEATE EXISTING AND/OR PROPOSED ISLANDS AFTER REMOVAL AND/OR BEFORE INSTALLATION.

LOCAL NOTES

LOCAL NOTE 1:

NOTIFY THE RESIDENT ENGINEER IN WRITING 21 CALENDAR DAYS PRIOR TO THE CLOSURE OF NC 2 (-L-) (MIDLAND RD.), AND ITS INTERSECTIONS WITH CAROLINA VISTA (-Y1-), AND AZALEA DR. (-Y3-)NOTIFICATION WILL ALLOW STATE FORCES TIME FOR THE IMPLENTATION OF THE ADVANCE WARNING SIGNS FOR THE PROPOSED OFFSITE DETOUR AND TO ALLOW FOR NOTIFICATION OF THE LOCAL MEDIA, LOCAL EMERGENCY AND LAW ENFORCEMENT OFFICIALS, AND ANY OTHER PARTIES AFFECTED BY THE CLOSURE BY THE ENGINEER.



PROJECT NOTES

DIVISION DDC UNIT

REVISIONS

MRT

PROJ. REFERENCE NO.	SHEET NO.
38067	TCP-3

REVISIONS

STEP 1 -- PLACE ADVANCE WARNING SIGNS IN ACCORDANCE WITH SHEET TCP-6.

NOTE: MAINTAIN ACCESS TO THE DRIVEWAYS LOCATED AT STA. 20+00 -L- TO STA. 21+50 -L- LEFT (ACCESS TO BUSINESSES) THROUGHOUT THE DURATION OF THIS PROJECT.

NOTE: STEPS 2 THROUGH 3 MAY BE PERFORMED CONCURRENTLY.

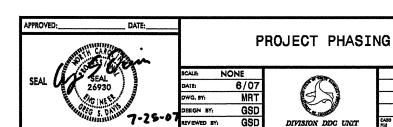
- STEP 2 -- AWAY FROM TRAFFIC, CONSTRUCT -L- ALIGNMENT FROM STA. 16+20 +/- -L- TO STA. 20+50 +/- -L-
- STEP 3 -- USE ROADWAY STANDARD DRAWING 1101.02,
 SHEET 1 OF 9 AS NECESSARY TO CONSTRUCT THE
 PROPOSED -L1- WIDENING UP TO THE EDGE AND
 ELEVATION OF EXISTING PAVEMENT OF
 NC 5 (-L1-) FROM STA. 12+75 +/- -L1 TO STA.20+87 +/LEFT. TRAFFIC SHALL REMAIN IN EXISTING PATTERN
- STEP 4 -- NOTIFY ENGINEER IN WRITING 21 DAYS BEFORE NEED FOR CLOSURE OF NC 2 FROM STA. 10+50 +/- -L- TO 23+35 +/- -L-
- STEP 5 -- CLOSE NC 2 (-L-) FOR A MAXIMUM OF 90 DAYS IN ACCORDANCE WITH ROADWAY STANDARD DRAWING 1101.03. CONSTRUCT NC 2 FROM STA. 10+50 +/- -L- TO 23+35 +/- -L-, (INCLUDING ROUNDABOUT) CAROLINA VISTA (-Y1-) AND AZALEA DR (-Y3-) WORK SHALL INCLUDE ALL GRADING, DRAINAGE, IRRIGATION, CURB AND GUTTER, ISLANDS, SIDEWALKS, PAVEMENT REMOVAL AND PAVING INCLUDING THE FINAL SURFACE COURSE AND PAVEMENT MARKINGS.

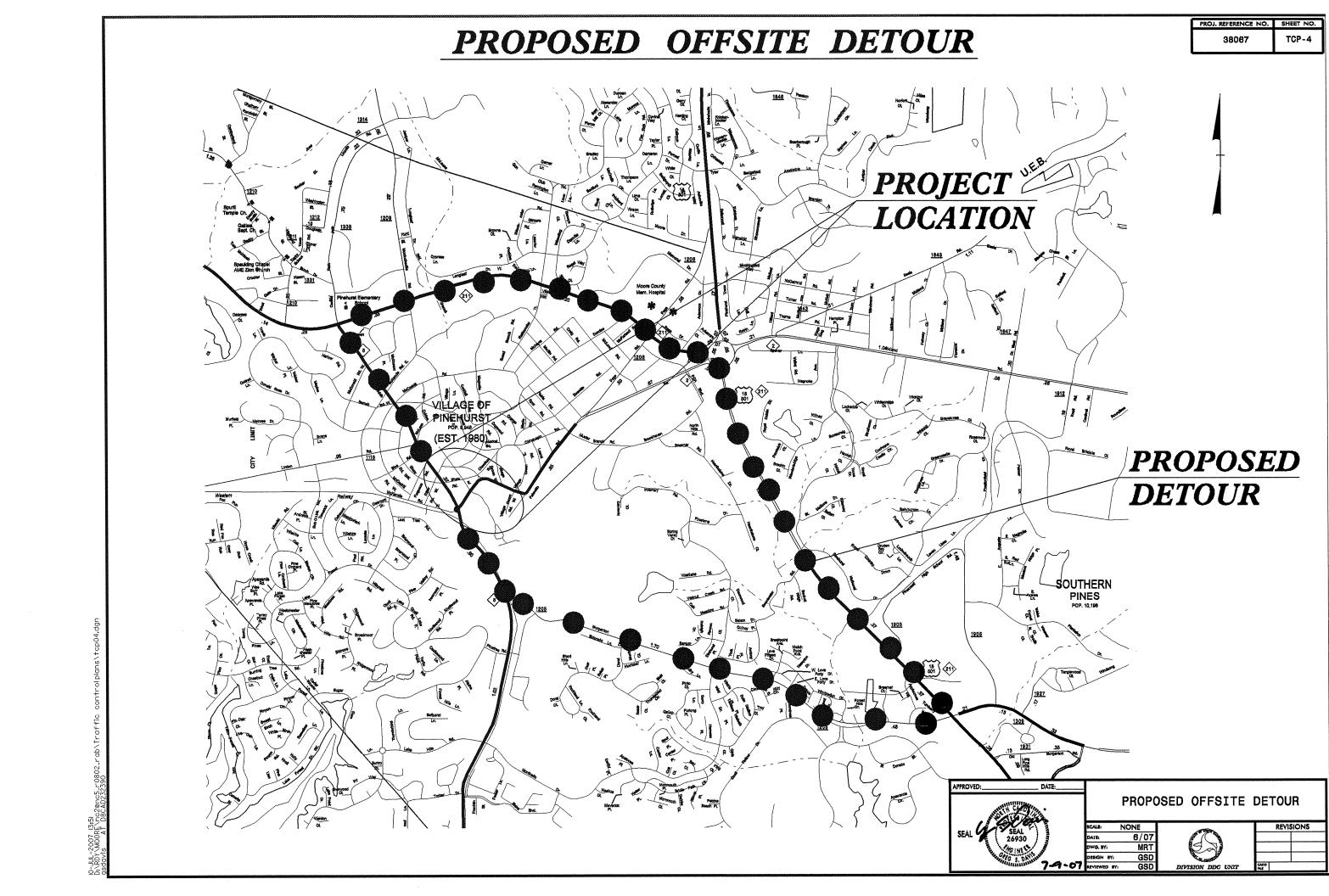
PRIOR TO OPENING NC2, CONTRACTOR SHALL COORDINATE WITH WITH NCDOT DIVISION 8 TRAFFIC SERVICES UNIT FOR THE INSTALLATION OF THE SIMULATED BRICK PEDESTRIAN CROSSING AND PERMANENT SIGNAGE FOR THE ROUNDABOUT. STATE FORCES WILL NEED 5 WORKING DAYS TO COMPLETE THIS WORK.

STEP 6 -- OPEN NC 2 TO NEW TRAFFIC PATTERN.

STEP 7 -- USE ROADWAY STANDARD DRAWING 1101.02,
SHEET 1 OF 9 AS NECESSARY TO INSTALL NEW SIGNAL
ON NC 5 (-L1) AND RESURFACE FINAL SURFACE COURSE ON
NC 5 (-L1-) FROM STA. 12+75 +/- -L1 TO STA.20+87 +/AND MCKENZIE RD (-Y2-) STA. 10+20 +/- -Y2- TO STA. 11+87 +/-

STEP 8 -- OPEN NC 5 (-L1-) AND MCKENZIE RD. (-Y2-) TO NEW TRAFFIC PATTERN.

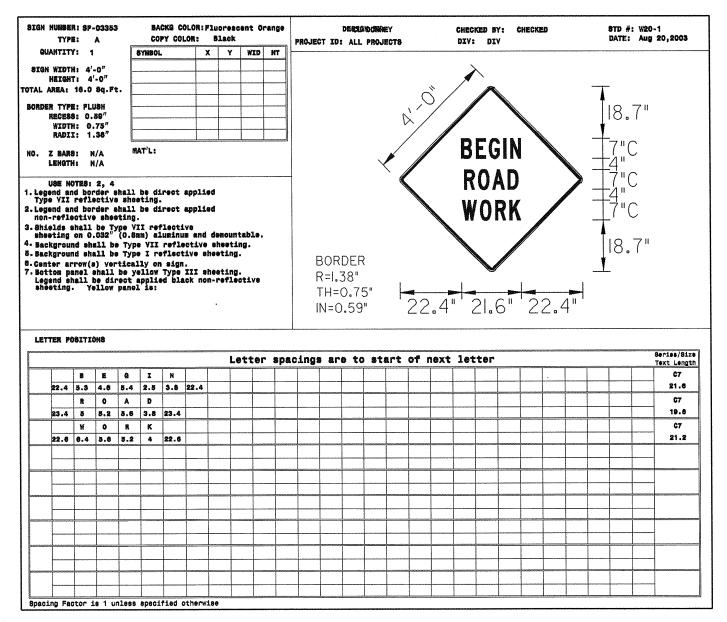




PROJ. REFERENCE NO. SHEET NO.

38067 TCP-5

SP 03353



GENERAL NOTES FOR THE "BEGIN ROAD WORK" SIGN

-SIGN SP-03353 "BEGIN ROAD WORK" ONLY APPLIES TO FULL CONTROL AND PARTIAL CONTROL OF ACCESS ROADWAYS

-WHEN USED, INSTALL SIGN SP-03353 "BEGIN ROAD WORK" ACCORDING TO DETAIL A ON SHEET TCP-6.

APPROVED:	DATE:	
AN THE PARTY OF TH		
		CALE
	6930	ATE:
No. of the last of	TINE W S	₩ G .
ALL GREE	ON THE	ESIGI
The state of the s	-9-07 T-9-07	EVIEW

DETAIL DRAWING FOR ADVANCED WORK ZONE WARNING SIGN DESIGNS

DATE: 6/07
DWG, BY: GSD
DESIGN BY: GSD

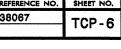


D:\ROYMODRE\nc2enc5_r0802_rab\Traffic contra gsdavis AT D8CAD232390

CAROLINA

NORTH

OF



HIGHWAYS

PF

DIVISION

DRAWING FOR Y UNDIVIDED WARNING SIGNS

DETAIL I TWO-WAY 3K ZONE

WORK

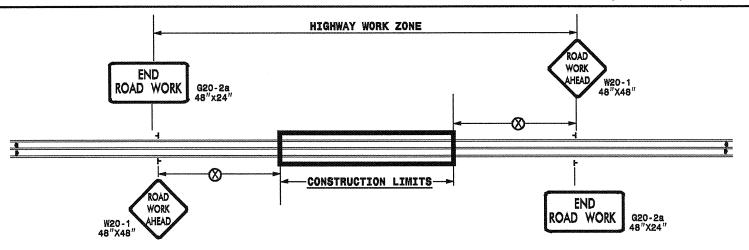
OF.

DEPT.

Z

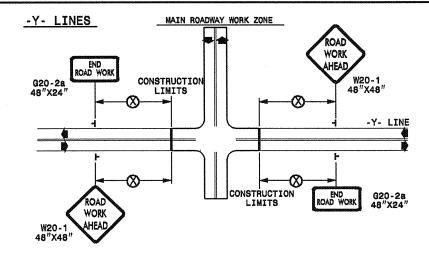
RALEIGH

TWO-WAY UNDIVIDED ** (L-LINES)



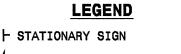
	RECOMMENDED Minimum Sign Spacing
POSTED SPEED LIMIT (M.P.H.)	⊗
≤ 50	500'
≥ 55	1000′

ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)



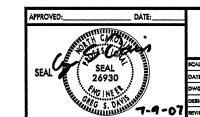
GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT OVERNIGHT. FOR SHORT-TERM DAILY MAINTENANCE TYPE OPERATIONS THIS SIGNING APPLICATION IS OPTIONAL; MAY USE ONLY APPLICABLE ROADWAY STANDARD DRAWINGS INSTEAD. HOWEVER, IF THIS SIGNING APPLICATION IS USED, SIGNS MAY BE PORTABLE MOUNTED.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE 3LB STEEL U-CHANNEL POST OR 4" X 4" WOOD POST FOR ALL WORK ZONE SIGNS. 3LB STEEL U-CHANNEL POSTS MUST MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 1094-1(B), MAY BE GALVANIZED STEEL, OR MAY BE PAINTED GREEN BY THE POST MANUFACTURER. SQUARE STEEL TUBING POSTS HAVING EQUIVALENT STRENGTH OF THE 3 LB STEEL U-CHANNEL POST ARE ALSO ACCEPTABLE FOR USE. ERECT SIGNS PER ROADWAY STANDARD DRAWING 1110.01. PAYMENT FOR WOOD POSTS, 3LB STEEL U-CHANNEL AND SQUARE STEEL TUBING POSTS WITH SIGNS WILL BE MADE ACCORDING TO STANDARD SPECIFICATION "WORK ZONE SIGNS" SECTION 1110.
- WHEN NECESSARY, USE SPLICING IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1110.01. REMOVE ENTIRE POST WHEN REMOVING SIGNS WITH SPLICED POSTS.
- DO NOT BACK BRACE SIGN SUPPORTS.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON URBAN MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.



DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1



DETAIL	DRAWING	FOR	TWO-V	ΙΑΥ
UNDIVIDE	D AND	URBAN	FREE	WAYS
ADVANCED W	ORK ZON	IE WAR	NING	SIGNS

NONE	OMELHES
r:	
BY:	
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~

RE\	ISIONS
7-98	10/01
10-98	03/04
01/01	11/04