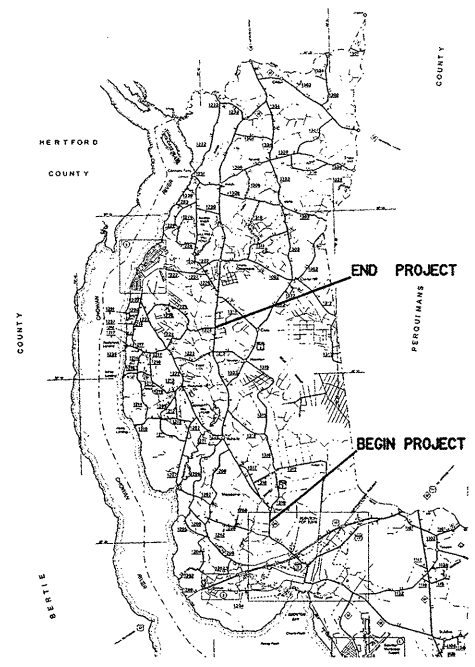


NCMA PROJECT: MA01080R

WBS # : 39417



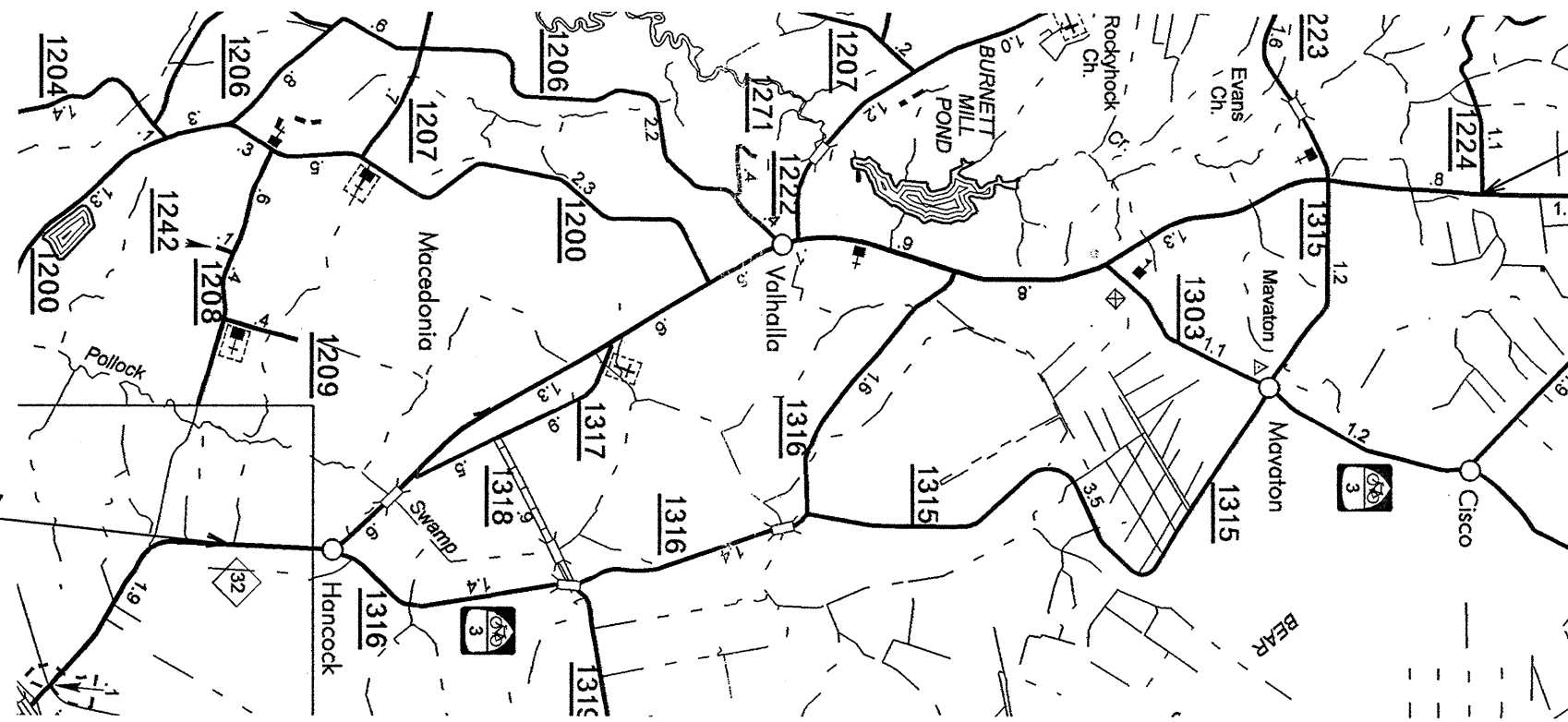
VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CHOWAN COUNTY

LOCATION: NC 32 FROM .60 MILES N OF SR 1208 (WILDCAT RD)
TO SR 1224 (ROCKY HOCK LANDING RD)

TYPE OF WORK: WIDENING, PAVING, MILLING, GUARDRAIL,
SHOULDER RECONSTRUCTION, AND THERMOPLASTIC
PAVEMENT MARKINGS



BEGIN STATE PROJECT 39417

END STATE PROJECT 39417

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	39417	1	4
STATE PROJ. NO.	N.C.H.A. PROJ. NO.	DESCRIPTION	
	MA01080R		

c201823

GRAPHIC SCALES

NTS

PROJECT LENGTH

LENGTH ROADWAY STATE PROJECT 39417 = 7.45 MILES
 LENGTH STRUCTURE STATE PROJECT 39417 = 0.03 MILES
 TOTAL LENGTH STATE PROJECT 39417 = 7.48 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
 1000 Birch Ridge Dr., Raleigh NC, 27610

2006 STANDARD SPECIFICATIONS

PROJECT ENGINEER

PROJECT DESIGN ENGINEER

LETTING DATE:
 JULY 17, 2007

PROJECT NO.	SHEET NO.	TOTAL NO.
39417	3	4

SUMMARY OF QUANTITIES

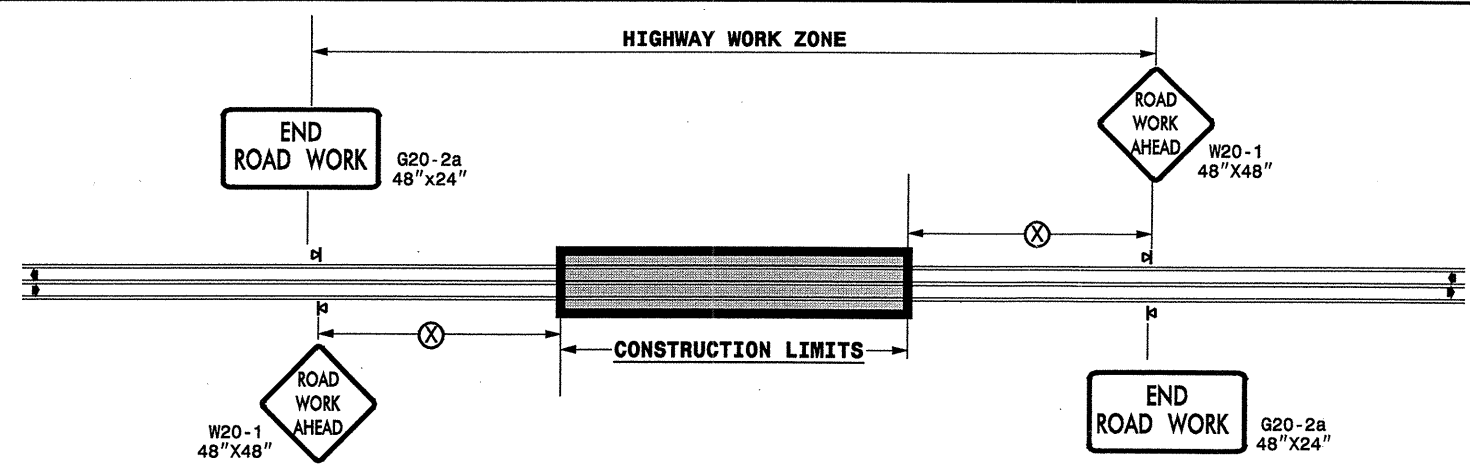
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	2" MILLING SY	BASE COURSE, B25.0B TONS	INTERMEDIATE COURSE, I19.0B TONS	SURFACE COURSE, S9.5B TONS	ASPHALT BINDER GRADE PG 64-22 TONS	PATCHING EXISTING PAVEMENT TONS	6" DRIVEWAYS SY	STEEL BEAM GUARDRAIL LF	GRAU, TYPE 350 EA	TEMP. SILT FENCE LF	SEDIMENT CONTROL STONE TON	1/4" HARDWARE CLOTH LF	SEED & MULCHING AC
39417	Chowan	1	NC 32	WIDENING, PAVING, THERMOPLASTIC PAVEMENT MARKINGS, AND SHOULDER RECONSTRUCTION	1	7.48	24	600	15	108,500	3,720	13,684	10,090	1,410	60	240	120	8	1,800	20	130	9.00
TOTAL FOR PROJ NO. 39417						7.48		600	15	108,500	3,720	13,684	10,090	1,410	60	240	120	8	1,800	20	130	9.00

PROJECT NO.	SHEET NO.	TOTAL NO.
39417	4	4

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E	4710000000-E	4721000000-E	4725000000-E	4810000000-E		4835000000-E	4840000000-N	4845000000-N	4900000000-N
					4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	24" X 120 M WHITE THERMO LF	THERMO MSG SCHOOL 120 M EA	THERMO LT ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	24" WHITE PAINT LF	PAINT MSG SCHOOL EA	PAINT LT ARROW SYMBOL EA	CRYSTAL & RED MARKERS EA
39417	Chowan	1	NC 32	WIDENING, PAVING, THERMOPLASTIC PAVEMENT MARKINGS, AND SHOULDER RECONSTRUCTION	80,485	56,100	300	12	8	160,970	112,200	600	24	16	500
TOTAL FOR PROJ NO. 39417					80,485	56,100	300	12	8	160,970	112,200	600	24	16	500
										273,170					

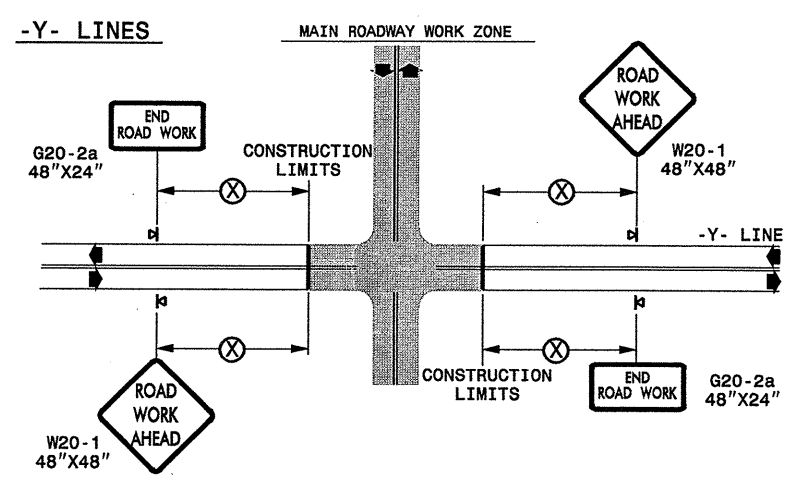
TWO-WAY UNDIVIDED ** (L-LINES)



POSTED SPEED LIMIT (M.P.H.)	RECOMMENDED MINIMUM SIGN SPACING
≤ 50	500'
≥ 55	1000'

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

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.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH PORTABLE WORK ZONE SIGN STANDS SPECIFICALLY DESIGNED FOR ONE ANOTHER. PORTABLE WORK ZONE SIGNS MAY BE ROLL UP OR APPROVED COMPOSITE.
- PROVIDE PORTABLE WORK ZONE SIGN STANDS, PORTABLE SIGNS AND SIGN SHEETING WHICH ARE LISTED ON THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S APPROVED PRODUCT LIST OR ACCEPTED AS TRAFFIC QUALIFIED BY THE TRAFFIC CONTROL UNIT.
- ** 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.

LEGEND

◀ PORTABLE SIGN

➡ DIRECTION OF TRAFFIC FLOW

DETAIL DRAWING
FOR TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS

SHEET 1 OF 1

APPROVED: _____	DATE: _____	DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS	
SEAL			
SCALE: NONE		REVISIONS	
DATE: _____		7-98	10/01
DWG. BY: _____		10-98	03/04
DESIGN BY: _____		01/01	11/04
REVIEWED BY: _____			

14-MAY-2007 17:46
 \\DOT\DF-SR00101\GROUPS-WZTCCC\designgroup\resur-facing\resur-facing2006\div01\39417\chowen_nc32\39417_2wayundivurbfr.wys\july2006.dgn
 pseymore AT WZTCCC

TWO LANE, TWO WAY WORK ZONE (L-LINES)

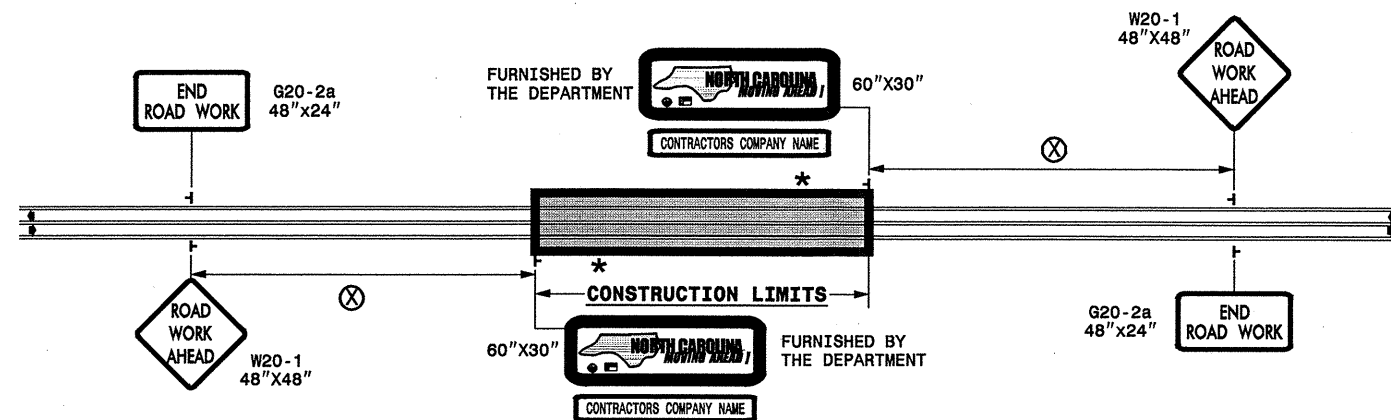
FURNISHED BY THE DEPARTMENT



60"X30"

CONTRACTORS COMPANY NAME

60" Max. X 12"



POSTED SPEED LIMIT (M.P.H.)	RECOMMENDED MINIMUM SIGN SPACING
P.S.L. ≤ 50	⊗
P.S.L. ≥ 55	350'
	500'

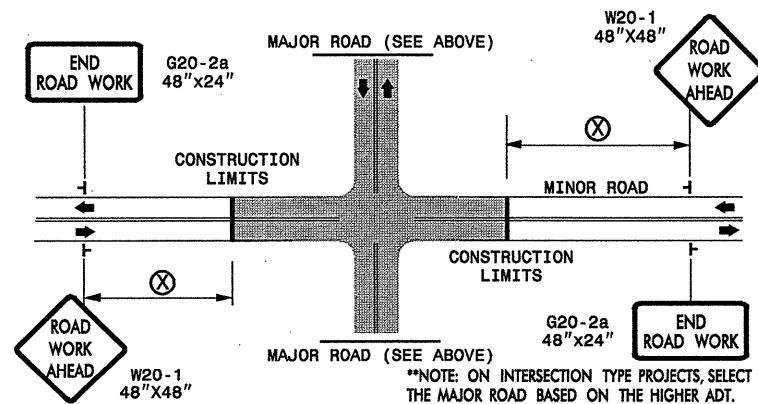
*** ROAD WORK NEXT XX MILES** G20-1A 60"x24"

THIS SIGN TO BE USED ON PROJECTS LONGER THAN 2 MILES. THE NUMBER DISPLAYED ON THE SIGN IS TO BE A WHOLE NUMBER ROUNDED UP TO THE NEXT MILE. IT'S TO BE LOCATED 1,500 FEET INSIDE OF THE CONSTRUCTION LIMITS.

PROJ. REFERENCE NO.	SHEET NO.
39417	NCMA-1

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

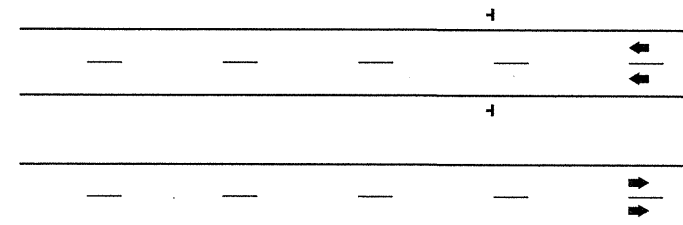
INTERSECTIONS (-Y- LINES)



FREEWAYS / INTERSTATES

DUAL MOUNT "ROAD WORK AHEAD" SIGNS 1,000' IN ADVANCE OF PROJECT LIMITS

DUAL MOUNT "MOVING AHEAD" SIGNS 500' IN ADVANCE OF PROJECT LIMITS



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. USE PORTABLE WORK ZONE SIGNS ONLY WITH PORTABLE WORK ZONE SIGN STANDS SPECIFICALLY DESIGNED FOR ONE ANOTHER. PORTABLE WORK ZONE SIGNS MAY BE ROLL UP OR APPROVED COMPOSITE.
- 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.

LEGEND

┆ STATIONARY SIGN

◀ DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1

APPROVED: _____ DATE: _____ SEAL:	ADVANCE WARNING WORK ZONE SIGNS FOR "MOVING AHEAD"	REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">11/04</td> <td style="width: 50%;"></td> </tr> <tr> <td>12/04</td> <td></td> </tr> </table>	11/04		12/04	
11/04						
12/04						
SCALE: NONE DATE: 07/03 DWG. BY: JSK DESIGN BY: JSK REVIEWED BY: SK						