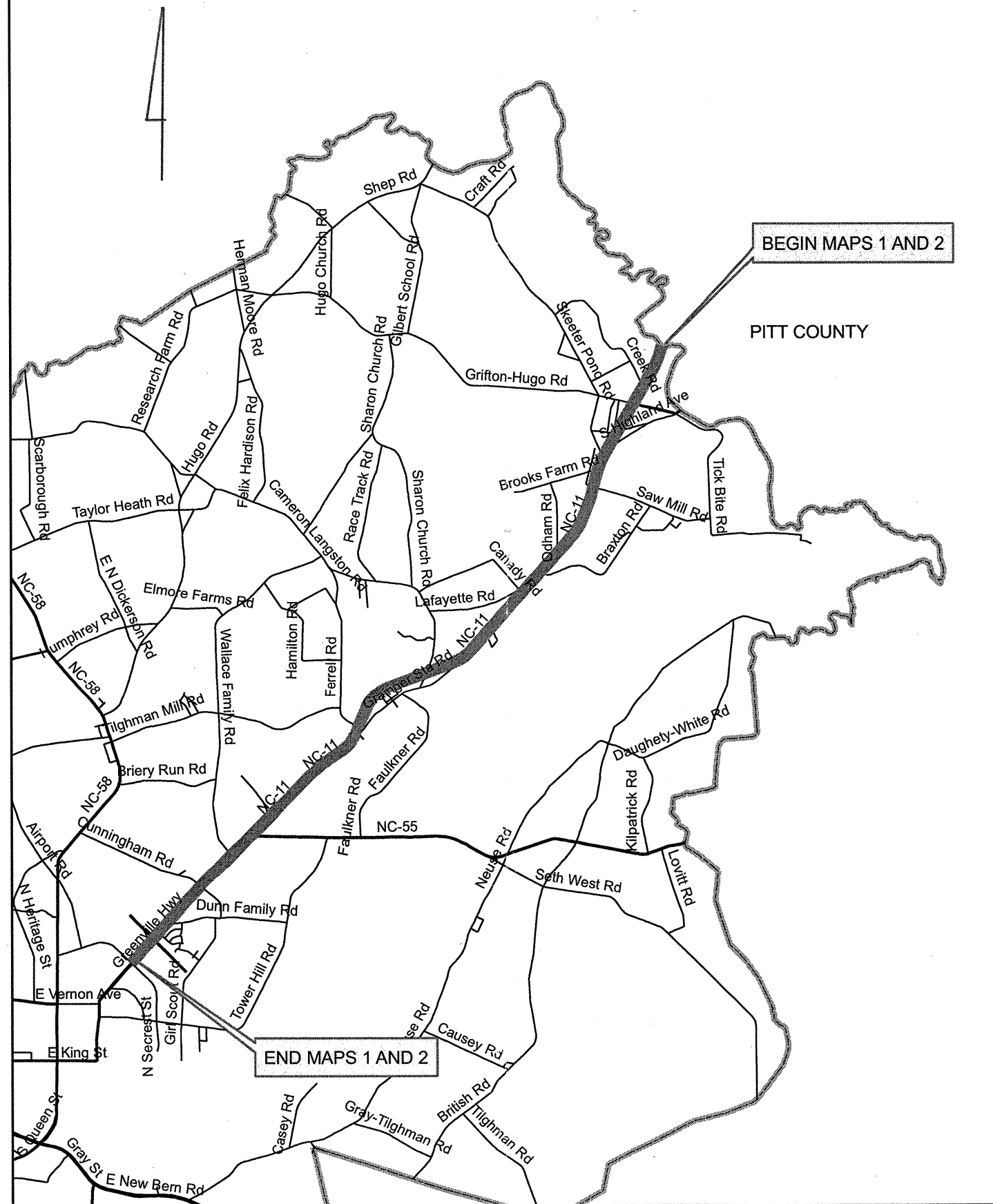


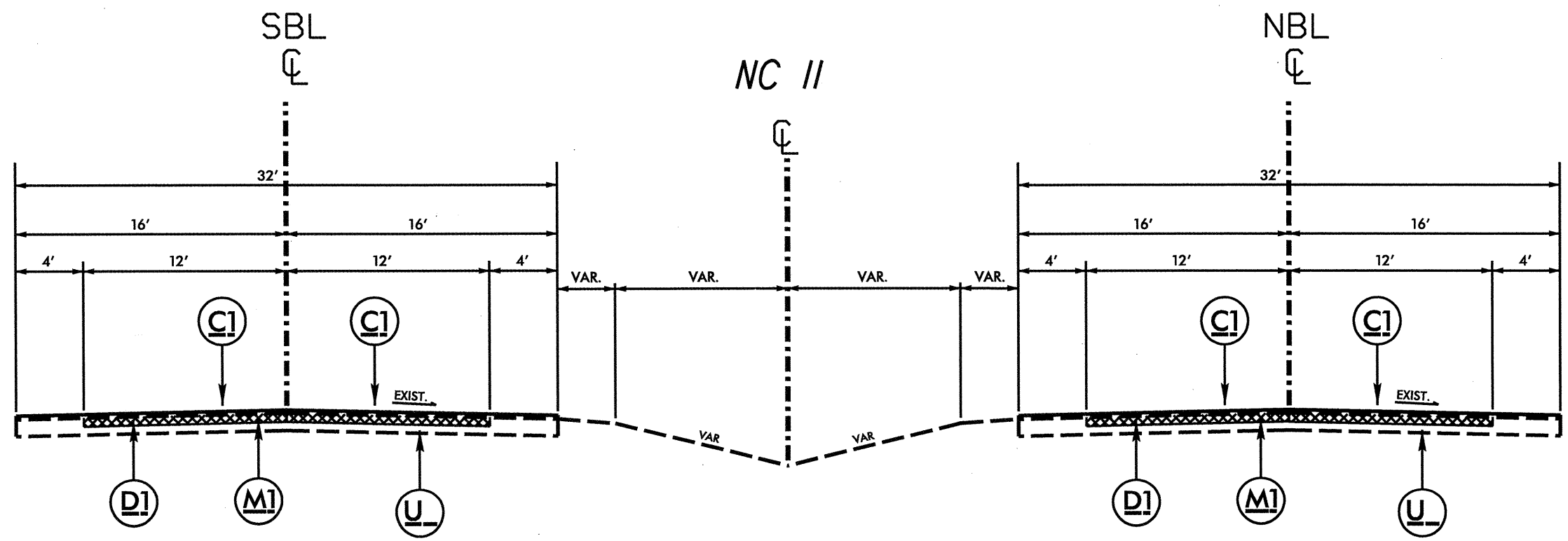
WBS 2CR.10541.7 - MILLING, RESURFACING AND THERMOPLASTIC PAVEMENT MARKINGS ON NC 11 IN LENOIR COUNTY FROM THE PITT COUNTY LINE TO BEGIN CURB AND GUTTER IN KINSTON.

Sheet 1
2CR.10541.7
Lenoir Co.



PROJECT REFERENCE NO. 2CR.10541.7	SHEET NO. 2
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ.YD.
M1	PROP. 2.5" MILLING.
U_	EXISTING PAVEMENT.



TYPICAL SECTION #1

PROJECT NO.	SHEET NO.	TOTAL NO.
2CR.10541.7	3	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	2.5" MILLING SY	INTERMEDIATE COURSE, 119.0C TONS	SURFACE COURSE, S9.5C TONS	PG 64-22 PLANT MIX TONS	PG 70-22 PLANT MIX TONS	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA
2CR.10541.7	Lenoir	1	NC 11 NBL	NBL FROM CO. LINE TO BEGIN CURB AND GUTTER	1	9.9	32	139,392	20,000	18,505	940	1,110	1	1
		2	NC 11 SBL	SBL FROM CO. LINE TO BEGIN CURB AND GUTTER	1	9.9	32	139,392	20,000	18,505	940	1,110	1	1
TOTAL FOR PROJ NO. 2CR.10541.7						19.8		278,784	40,000	37,010	1,880	2,220	2	2
GRAND TOTAL						19.8		278,784	40,000	37,010	1,880	2,220	2	2

PROJECT NO.	SHEET NO.	TOTAL NO.
2CR.10541.7	4	

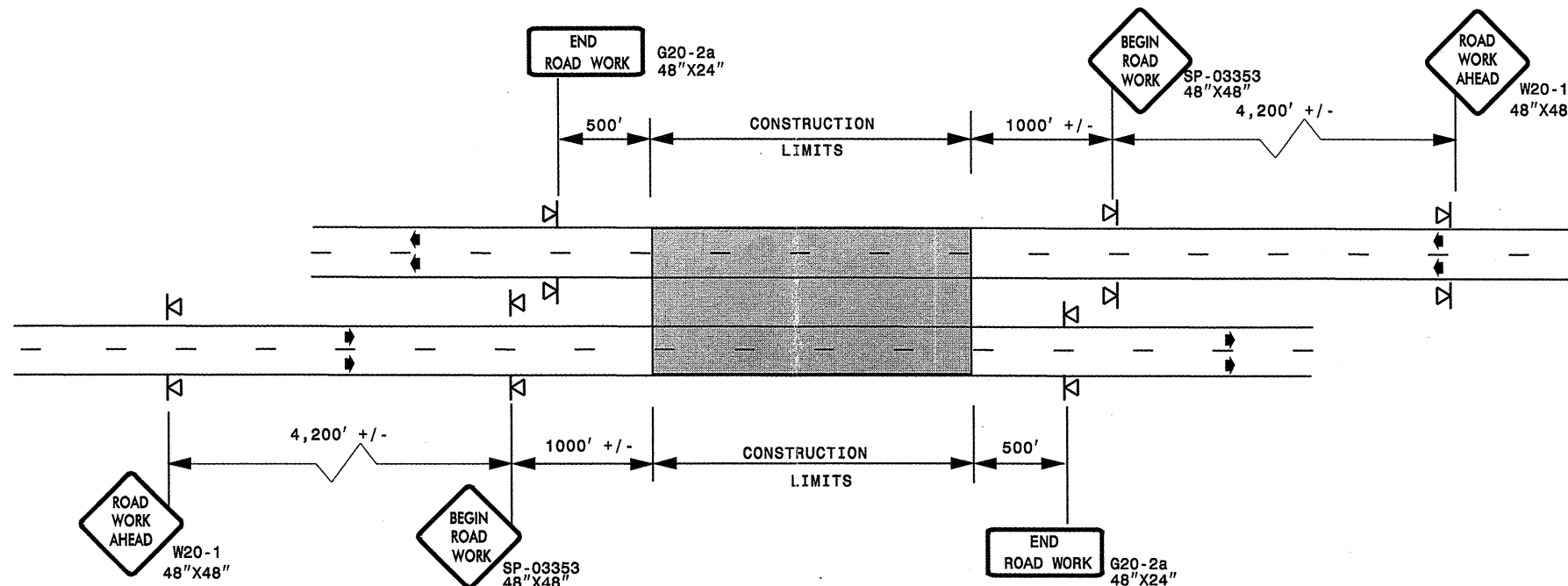
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E		4686000000-E	4695000000-E	4705000000-E	4710000000-E	4721000000-E	4725000000-E			
					4" X 90 M WHITE THERMO LF	4" X 90 M YELLOW THERMO LF	4" X 120 M WHITE THERMO LF	8" X 90 M WHITE THERMO LF	16" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO RXR 120 M EA	THERMO LT ARROW 90 M EA	THERMO RT ARROW 90 M EA	THERMO STR ARROW 90 M EA	THERMO STR & RT ARROW 90 M EA
2CR.10541.7	Lenoir	1	NC 11 NBL	NBL FROM CO. LINE TO BEGIN CURB AND GUTTER	54,252	54,252	13,068	600	150	550	4	32	8	10	4
		2	NC 11 SBL	SBL FROM CO. LINE TO BEGIN CURB AND GUTTER	54,252	54,252	13,068	500	150	600	4	34	4	12	4
TOTAL FOR PROJ NO. 2CR.10541.7					108,504	108,504	26,136	1,100	300	1,150	8	66	12	22	8
					217,008		108								
GRAND TOTAL					108,504	108,504	26,136	1,100	300	1,150	8	66	12	22	8
					217,008		108								

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4810000000-E		4820000000-E	4830000000-E	4835000000-E	4840000000-E	4845000000-E			
					4" WHITE PAINT LF	4" YELLOW PAINT LF	8" WHITE PAINT LF	16" WHITE PAINT LF	24" WHITE PAINT LF	PAINT RXR EA	PAINT LT ARROW EA	PAINT RT ARROW EA	PAINT STR ARROW EA	PAINT STR & RT ARROW EA
2CR.10541.7	Lenoir	1	NC 11 NBL	NBL FROM CO. LINE TO BEGIN CURB AND GUTTER	67,320	54,252	600	150	550	4	32	8	10	4
		2	NC 11 SBL	SBL FROM CO. LINE TO BEGIN CURB AND GUTTER	67,320	54,252	500	150	600	4	34	4	12	4
TOTAL FOR PROJ NO. 2CR.10541.7					134,640	108,504	1,100	300	1,150	8	66	12	22	8
					243,144		108							
GRAND TOTAL					134,640	108,504	1,100	300	1,150	8	66	12	22	8
					243,144		108							

ADVANCE WORK ZONE WARNING SIGNING FOR FREEWAYS (4 LANES OR GREATER)

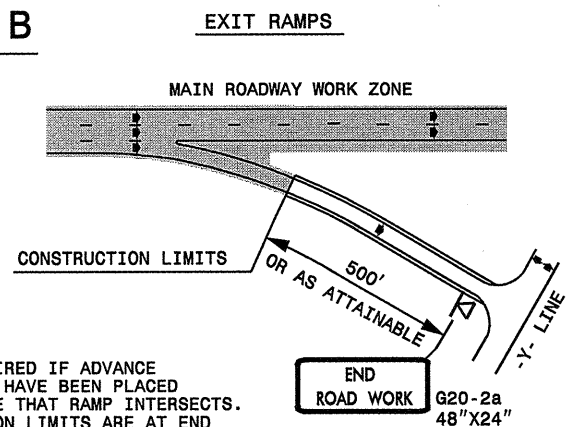
DETAIL A



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

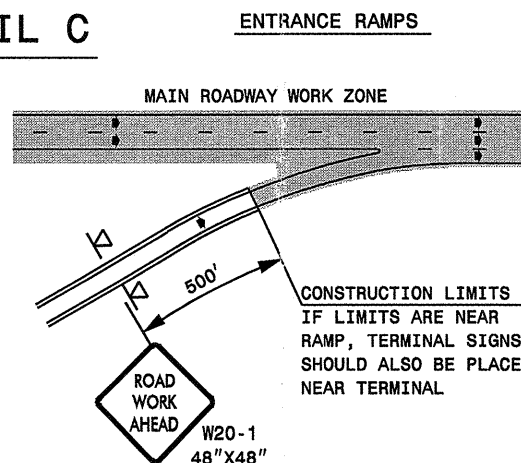
ROADWAYS INTERSECTING ALONG FREEWAY WORK ZONE (Y-LINES)

DETAIL B

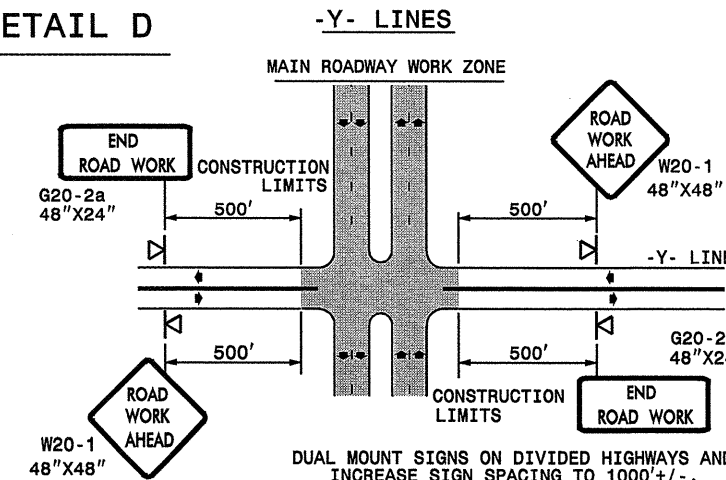


NOTE:
SIGN NOT REQUIRED IF ADVANCE WARNING SIGNS HAVE BEEN PLACED ALONG -Y- LINE THAT RAMP INTERSECTS. IF CONSTRUCTION LIMITS ARE AT END OF RAMP, PLACE SIGN AT END OF RAMP.

DETAIL C



DETAIL D



GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCE 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 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 FREEWAYS
WORK ZONE WARNING SIGNS
(SHORT-DURATION LANE CLOSURES)

SHEET 1 OF 1

APPROVED: _____	DATE: _____	DETAIL DRAWING FOR FREEWAYS 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:	CADD FILE		

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SP 03353

SIGN NUMBER: SP-03353 TYPE: A QUANTITY: 1 SIGN WIDTH: 4'-0" HEIGHT: 4'-0" TOTAL AREA: 16.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.59" WIDTH: 0.75" RADIUS: 1.38" NO. Z BARS: N/A LENGTH: N/A	BACKG COLOR: Fluorescent Orange COPY COLOR: Black	DESIGN BY: CL DOWNEY PROJECT ID: ALL PROJECTS	CHECKED BY: CHECKED DIV: DIV	STD #: W20-1 DATE: Aug 20, 2003
--	--	--	---------------------------------	------------------------------------

SYMBOL	X	Y	WID	HT

BORDER
R=1.38"
TH=0.75"
IN=0.59"

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	B	E	G	I	N	R	O	A	D	W	O	R	K	Series/Size	Text Length
B	22.4	5.3	4.6	5.4	2.8	3.8	23.4							C7	21.6
R						23.4	5	5.2	5.6	3.8	23.4			C7	19.6
W										22.6	6.4	5.6	5.2	C7	21.2

Spacing Factor is 1 unless specified otherwise

FILENAME: SPEC28AK

NORTH CAROLINA D.O.T. SIGN DETAIL

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

DETAIL DRAWING FOR
WORK ZONE SIGNS
BEGIN ROAD WORK

GENERAL NOTES FOR SIGN SP-03353 "BEGIN ROAD WORK"

- 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 FOR FREEWAY WORK ZONE SIGNS

APPROVED: _____ DATE: _____	DETAIL DRAWING FOR ADVANCED WORK ZONE WARNING SIGN DESIGNS	
SEAL	SCALE: NONE	REVISIONS
	DATE: 08/03	04/04
	DWG. BY:	11/04
	DESIGN BY:	
REVIEWED BY:		CAO FILE

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