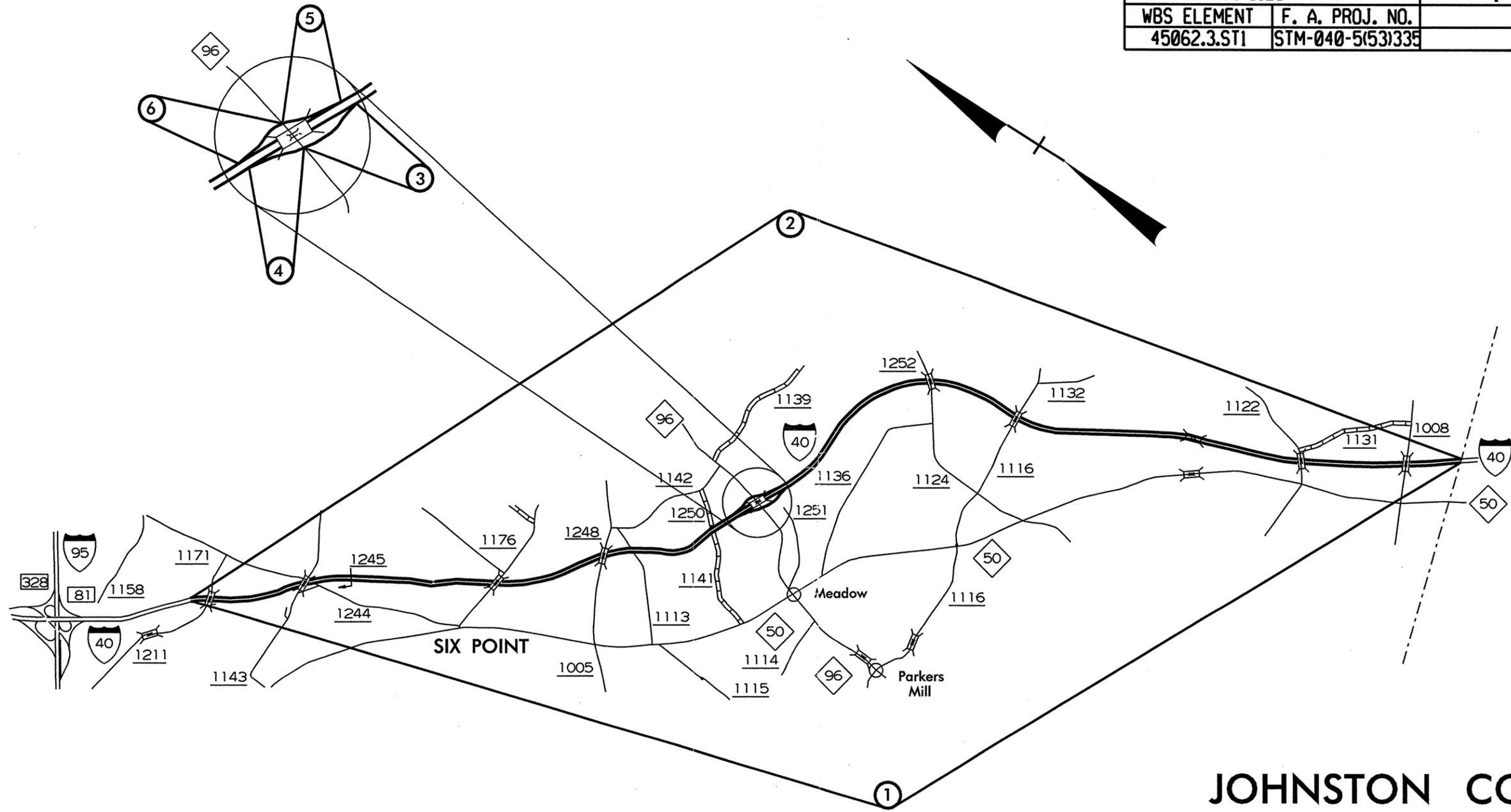
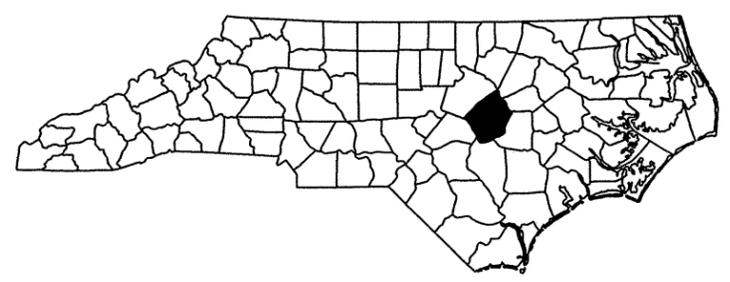


WBS ELEMENT		SHEET NO.	TOTAL SHEETS
I-5123		1	3
WBS ELEMENT	F. A. PROJ. NO.	DESCRIPTION	
45062.3.ST1	STM-040-5(53)335		



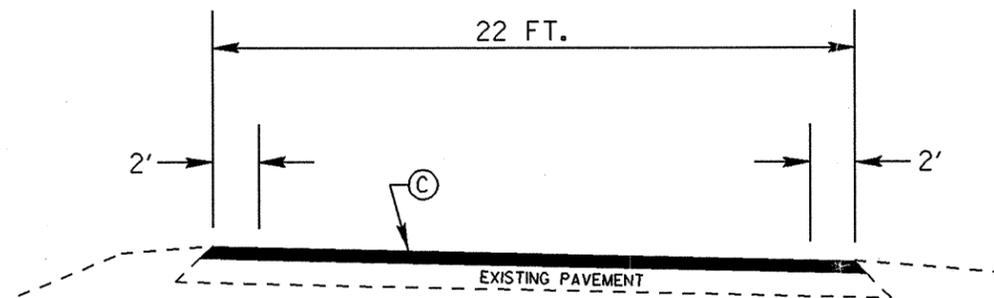
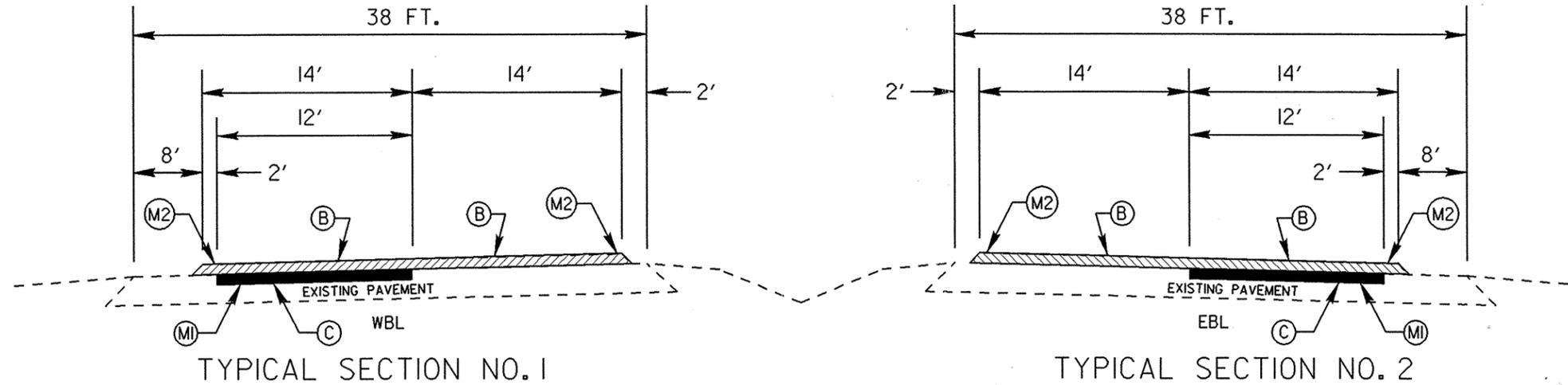
SAMPSON COUNTY

**JOHNSTON COUNTY**  
NORTH CAROLINA

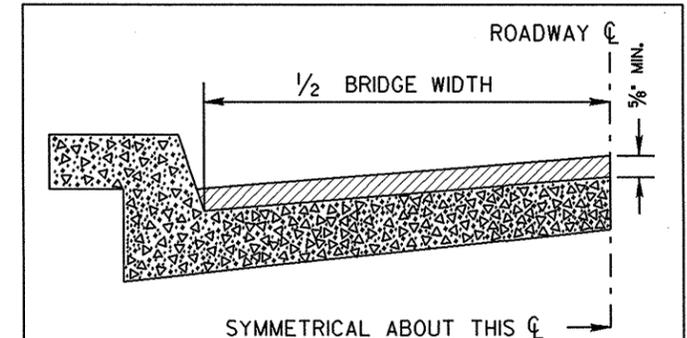


TYPICAL SECTIONS (SURFACING AND RESURFACING)

WBS ELEMENT	SHEET NO.	TOTAL SHEETS
1- 5123	2	3
WBS ELEMENT	F. A. PROJ. NO.	DESCRIPTION



TYPICAL SECTION NO. 3  
TO BE USED ON RAMPS  
AT NC 96



BRIDGE HALF TYPICAL SECTION

FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN.

THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. A THICKNESS OF NOT LESS THAN 5/8" SHALL BE PROVIDED. THE MAXIMUM THICKNESS SHALL PREFERABLY BE 1/2" UNLESS IT IS IMPRACTICAL TO PROVIDE A SMOOTH RIDING SURFACE OTHERWISE.

NOTES

ALL UNPAVED S. R. ROADS TO BE SURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.  
ALL PAVED S. R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER.  
EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.  
SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS.  
BRIDGES TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER

PAVEMENT SCHEDULE

B	PROP. OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
C	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YARD.
MI	MILL EXISTING ASPHALT PAVEMENT 1 1/2" DEPTH
M2	MILLED RUMBLE STRIPS

NOTE: ALL PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE

PROJECT NO.	SHEET NO.	TOTAL SHEETS
I-5123	3	3

## SUMMARY OF QUANTITIES

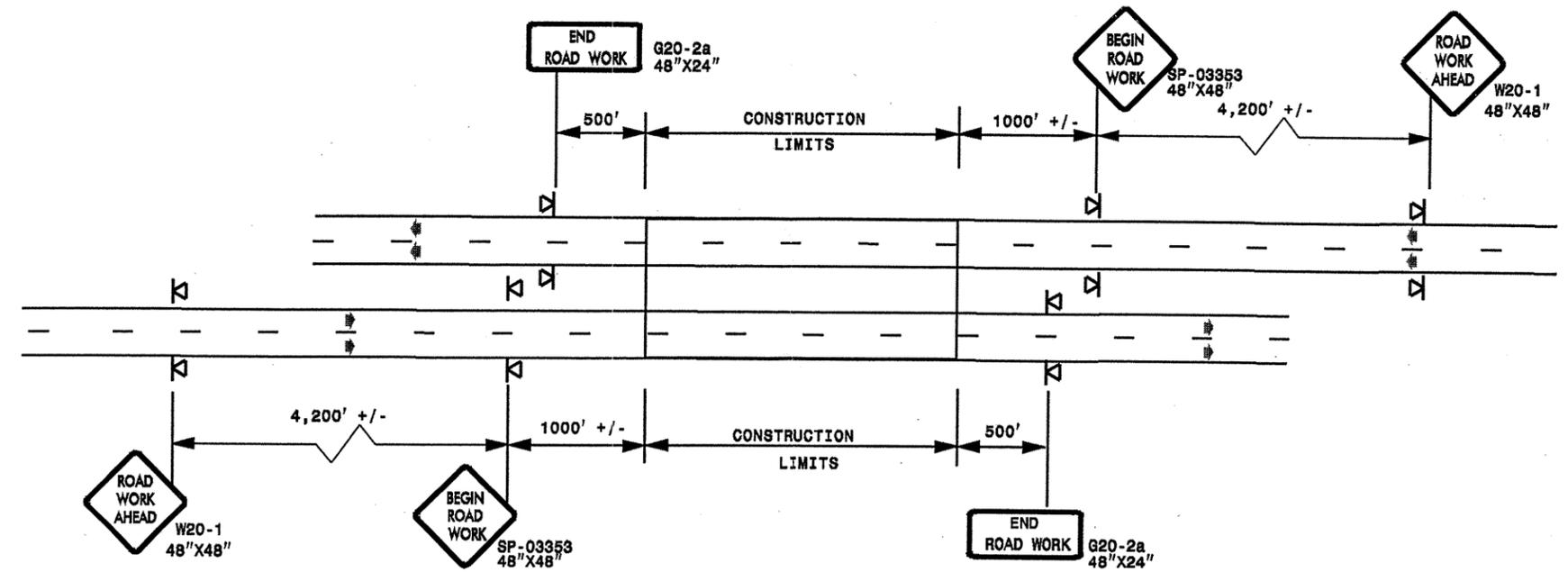
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH	WIDTH	INCIDENTAL MILLING	1.5" MILLING	SURFACE COURSE, S9.5C TONS	PG 70-22 PLANT MIX TONS	PG 76-22 PLANT MIX TONS	OGAFC, TYPE FC-1 MOD TONS	MILLED RUMBLE STRIPS LF
						MI	FT	SY	SY					
I-5123	Johnston	1	I-40 EBL	FROM: WEST OF SR 1211 - TO: SAMPSON CO. LINE	2	11.00	38	100	80,500	7,037	416	400	6,343	120,000
		2	I-40 WBL	FROM: WEST OF SR 1211 - TO: SAMPSON CO. LINE	1	11.00	38	100	80,500	7,022	415	400	6,343	120,000
		3	EBL ENTRY RAMP - NC 96	FROM: EBL - TO: NC 96	3	0.21	22			234	14			
		4	EBL EXIT RAMP - NC 96	FROM: NC 96 TO: EBL	3	0.20	22			226	14			
		5	WBL EXIT RAMP - NC 96	FROM: WBL - TO: NC 96	3	0.17	22			186	11			
		6	WBL ENTRY RAMP - NC 96	FROM: NC 96 - TO: WBL	3	0.21	22			238	14			
<b>TOTAL FOR PROJ NO. I-5123</b>						<b>22.79</b>		<b>200</b>	<b>161,000</b>	<b>14,943</b>	<b>884</b>	<b>800</b>	<b>12,686</b>	<b>240,000</b>
<b>GRAND TOTAL</b>						<b>22.79</b>		<b>200</b>	<b>161,000</b>	<b>14,943</b>	<b>884</b>	<b>800</b>	<b>12,686</b>	<b>240,000</b>

## POLYUREA AND TRAFFIC CONTROL

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4405000000-E	4415000000-N	4420000000-N	4430000000-N	4480000000-N	4815000000-E	4847000000-E		4847100000-E		4847120000-E	4725000000-N	4905000000-N
					PORTABLE WORK ZONE SIGN	FLASHING ARROW PANELS, TYPE C	CHANGABLE MESSAGE SIGN	DRUMS	TMIA, 60 MPH	6" WHITE PAINT	4" WHITE POLYUREA (HIGHLY REFLECTIVE ELEMENTS)	4" YELLOW POLYUREA (HIGHLY REFLECTIVE ELEMENTS)	6" WHITE POLYUREA (HIGHLY REFLECTIVE ELEMENTS)	6" YELLOW POLYUREA (HIGHLY REFLECTIVE ELEMENTS)	12" WHITE POLYUREA (HIGHLY REFLECTIVE ELEMENTS)	THERMO STR ARROW	SNOW PLOWABLE MARKERS
NO		NO			SF	EA	EA	EA	EA	LF	LF	LF	LF	LF	EA	EA	EA
I-5123	Johnston	1	I-40 EBL	FROM: WEST OF SR 1211 - TO: SAMPSON CO. LINE	300	1	1	100	1	73,000			89,500	58,630	1,500	3	800
		2	I-40 WBL	FROM: WEST OF SR 1211 - TO: SAMPSON CO. LINE	300	1	1	100	1	73,000			89,500	58,630	1,500	3	800
		3	EBL ENTRY RAMP - NC 96	FROM: EBL - TO: NC 96							1,170	1,170					
		4	EBL EXIT RAMP - NC 96	FROM: NC 96 TO: EBL							1,150	1,150			1		
		5	WBL EXIT RAMP - NC 96	FROM: WBL - TO: NC 96							925	925			1		
		6	WBL ENTRY RAMP - NC 96	FROM: NC 96 - TO: WBL							1,190	1,190			1		
<b>TOTAL FOR PROJ NO. I-5123</b>					<b>600</b>	<b>2</b>	<b>2</b>	<b>200</b>	<b>2</b>	<b>146,000</b>	<b>4,435</b>	<b>4,435</b>	<b>179,000</b>	<b>117,260</b>	<b>3,000</b>	<b>8</b>	<b>1,600</b>
<b>GRAND TOTAL</b>					<b>600</b>	<b>2</b>	<b>2</b>	<b>200</b>	<b>2</b>	<b>146,000</b>	<b>4,435</b>	<b>4,435</b>	<b>179,000</b>	<b>117,260</b>	<b>3,000</b>	<b>8</b>	<b>1,600</b>

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

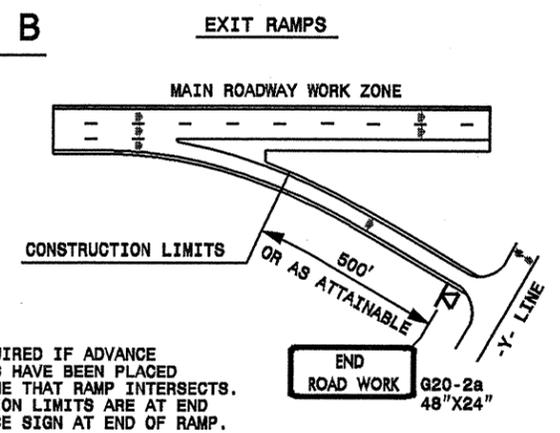
**DETAIL A**



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

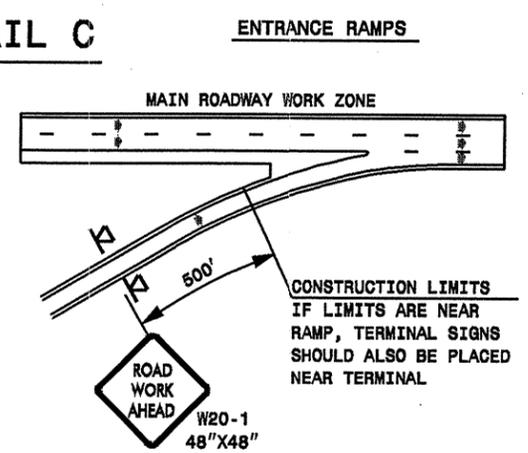
**ROADWAYS INTERSECTING ALONG FREEWAY WORK ZONE (Y-LINES)**

**DETAIL B**



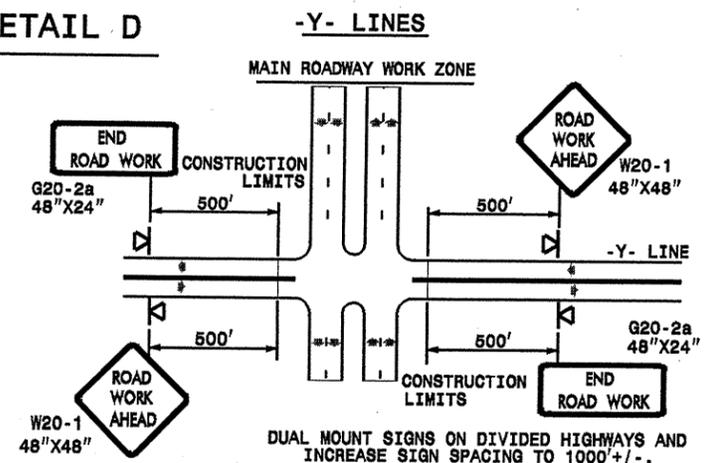
NOTE:  
SIGN NOT REQUIRED IF ADVANCE WARNING SIGNS HAVE BEEN PLACED ALONG -Y- LINE THAT RAMP INTERSECTS. IF CONSTRUCTION LIMITS ARE AT END OF RAMP, PLACE SIGN AT END OF RAMP.

**DETAIL C**



CONSTRUCTION LIMITS IF LIMITS ARE NEAR RAMP, TERMINAL SIGNS SHOULD ALSO BE PLACED NEAR TERMINAL

**DETAIL D**



**DETAIL DRAWING  
FOR FREEWAYS  
WORK ZONE WARNING SIGNS  
(SHORT-DURATION LANE CLOSURES)**

**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

SHEET 1 OF 1

APPROVED:	DATE:	DETAIL DRAWING FOR FREEWAYS WORK ZONE WARNING SIGNS									
SEAL											
SCALE:	NONE	 <table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td>7-98</td> <td>10/01</td> </tr> <tr> <td>10-98</td> <td>03/04</td> </tr> <tr> <td>01/01</td> <td>11/04</td> </tr> </table>		REVISIONS		7-98	10/01	10-98	03/04	01/01	11/04
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