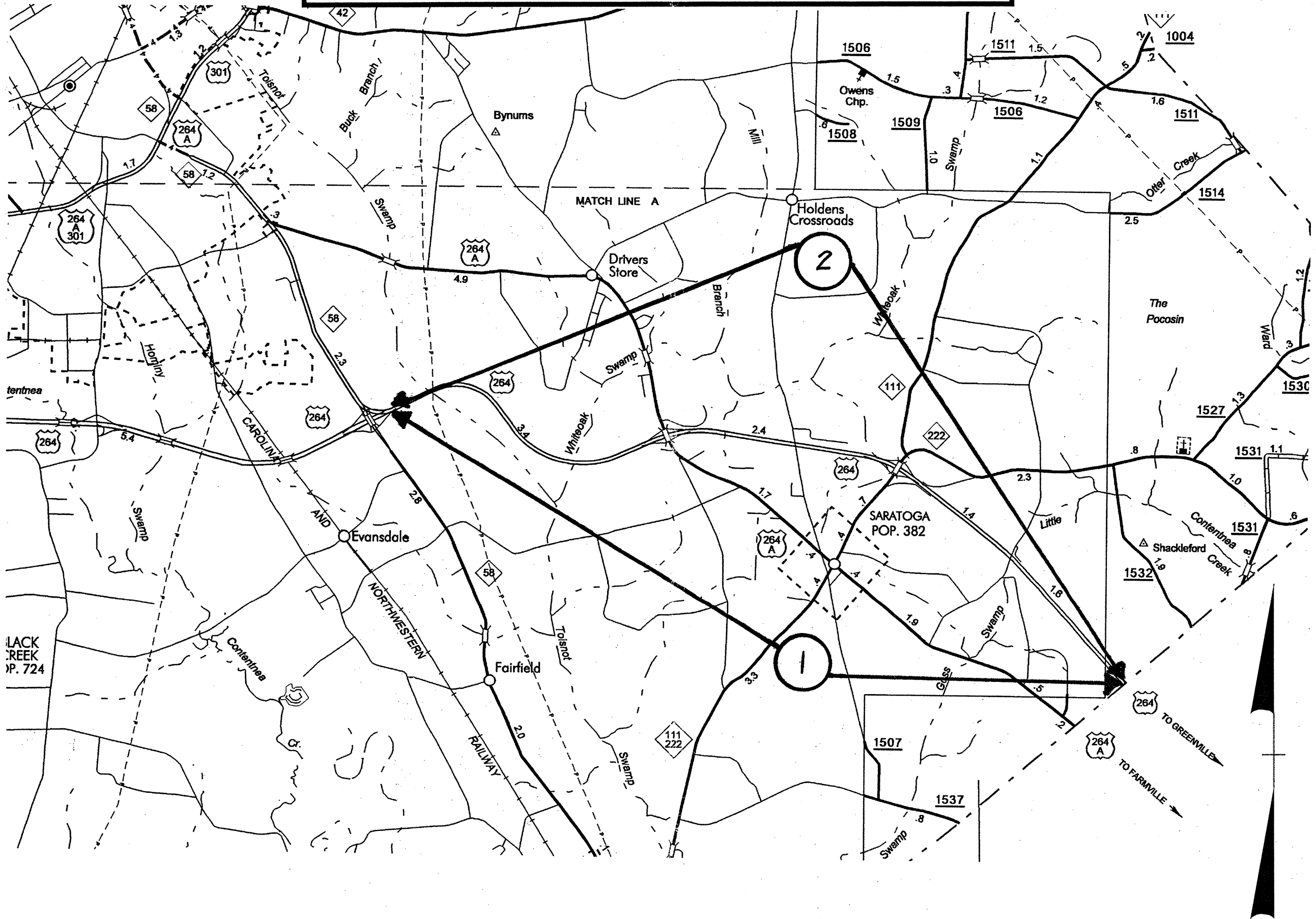
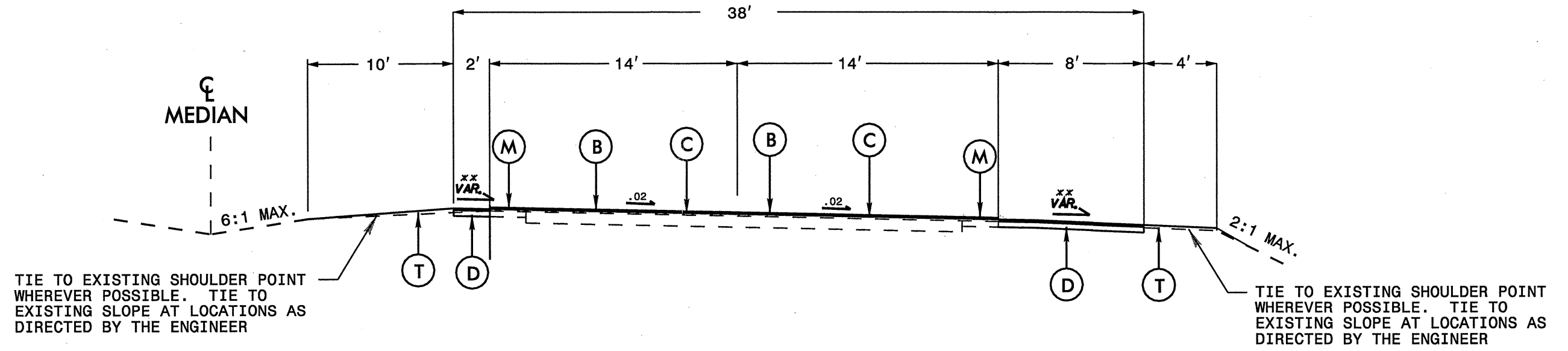


# Wilson County Project R-5191 WBS 45225.3.ST1



45225.3.ST1



TYPICAL SECTION 1

PAVEMENT SCHEDULE	
B	PROP. OPEN GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MOD., AT AN AVERAGE RATE OF 90 LBS. PER SQ. YD. EXTENDING 2 FT. BEYOND 12 FT TRAVEL LANE TO ACCOMIDATE RUMBLE STRIPS
C	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. ACROSS ENTIRE ROADWAY
D	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. FOR SHOULDER WIDENING
M	MILLED RUMBLE STRIPS
T	SHOULDER CONSTRUCTION

PAVED SHOULDER SLOPES

TAPER PAVING OPERATIONS ACROSS PAVED SHOULDERS AS DIRECTED BY THE ENGINEER TO ACCOMPLISH THE MINIMUM AND MAXIMUM SLOPES STATED BELOW AND TO MINIMIZE CONSTRUCTION OF SHOULDERS

OUTSIDE PAVED SHOULDERS

- \*\* 0.04 MIN. AND 0.08 MAX. IN TANGENT SECTIONS
- \*\* 0.06 MAX. ROLLOVER IN SUPERELEVATED SECTIONS

MEDIAN PAVED SHOULDERS

- \*\* 0.02 MAX. IN TANGENT SECTIONS
- \*\* 0.06 MAX. ROLLOVER IN SUPERELEVATED SECTIONS

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

6/2/99

PROJECT NO.	SHEET NO.	TOTAL NO.
R-5191 45225.3.ST1	3	3

## SUMMARY OF QUANTITIES

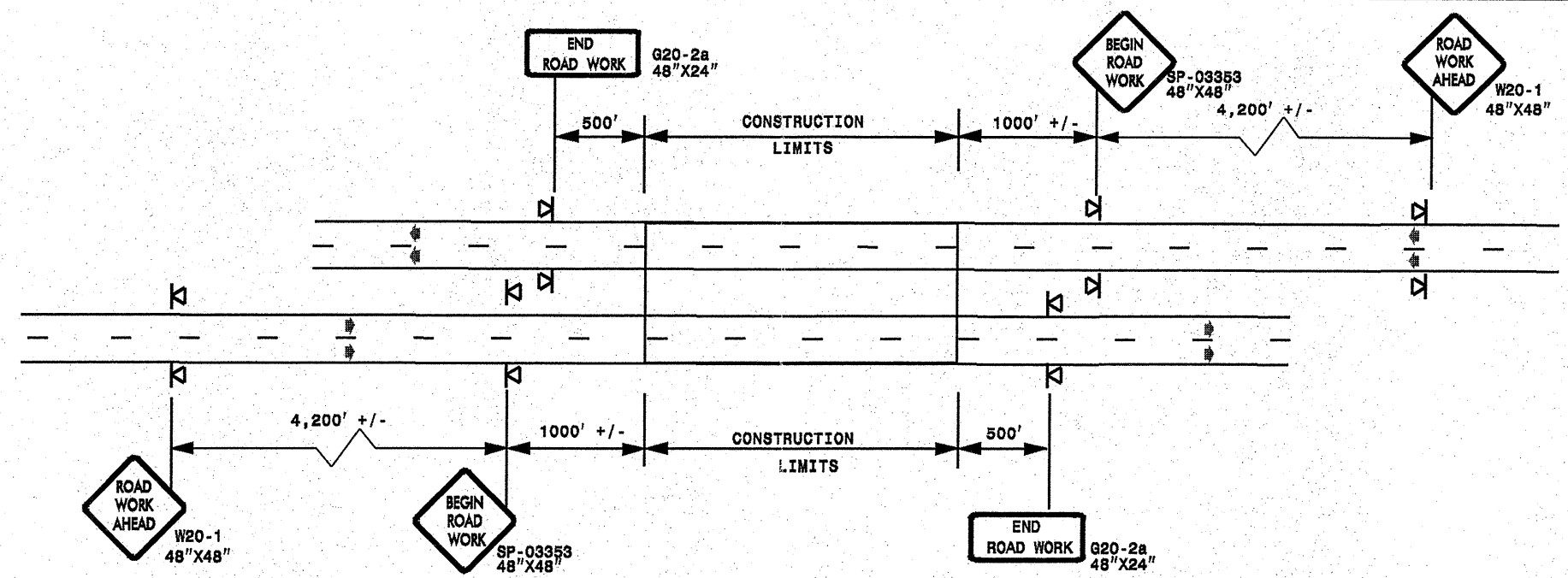
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	SHOULDER CONSTRUCTION SMI	SEEDING & MULCHING ACR	INCIDENTAL MILLING SY	INTER-MEDIATE COURSE, 119.0B TONS	SURFACE COURSE, S9.5B TONS	PG 64-22 PLANT MIX TONS	PG 76-22 PLANT MIX TONS	OGAFC, TYPE FC-1 MOD TONS	OGAFC, TYPE FC-2 MOD TONS	MILLED RUMBLE STRIPS LF
R-5191 45225.3.ST1	Wilson	1	US 264 EB	FROM THE JOINT EAST OF NC 58 TO THE GREENE COUNTY LINE	1	NO	8.2	38	16.4	10	100	12,000	16,000	1,524	390	50	6,500	87,000
<b>TOTAL FOR MAP NO. 1</b>							8.2		16.4	10	100	12,000	16,000	1,524	390	50	6,500	87,000
		2	US 264 WB	FROM THE GREENE COUNTY LINE TO THE JOINT EAST OF NC 58	1	NO	8.2	38	16.4	10	100	12,000	16,000	1,524	390	50	6,500	87,000
<b>TOTAL FOR MAP NO. 2</b>							8.2		16.4	10	100	12,000	16,000	1,524	390	50	6,500	87,000
<b>TOTAL FOR PROJ NO. R-5191 45225.3.ST1</b>							16.4		32.8	20	200	24,000	32,000	3,048	780	100	13,000	174,000
<b>GRAND TOTAL</b>							16.4		32.8	20	200	24,000	32,000	3,048	780	100	13,000	174,000

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4400000000-E	4405000000-E	4415000000-N	4420000000-N	4430000000-N	4480000000-N	4725000000-E	4815000000-E		4847100000-E		4847120000-E	4900000000-N
					STATIONARY WORK ZONE SIGN SF	PORTABLE WORK ZONE SIGN SF	FLASHING ARROW PANELS, TYPE C EA	CHANGEABLE MESSAGE SIGNS EA	DRUMS EA	TMIA EA	THERMO-PLASTIC ARROWS EA	6" WHITE PAINT LF	6" YELLOW PAINT LF	6" WHITE POLYUREA (Highly Reflective Elements) LF	6" YELLOW POLYUREA (Highly Reflective Elements) LF	12" WHITE POLYUREA (Highly Reflective Elements) LF	CRYSTAL & RED MARKERS EA
R-5191 45225.3.ST1	Wilson	1	US 264 EB	FROM THE JOINT EAST OF NC 58 TO THE GREENE COUNTY LINE	200	200	1	1	150	1	6	54,200	43,300	54,200	43,300	800	650
<b>TOTAL FOR MAP NO. 1</b>					200	200	1	1	150	1	6	54,200	43,300	54,200	43,300	800	650
		2	US 264 WB	FROM THE GREENE COUNTY LINE TO THE JOINT EAST OF NC 58	200	200	1	1	150	1	6	54,200	43,300	54,200	43,300	800	650
<b>TOTAL FOR MAP NO. 2</b>					200	200	1	1	150	1	6	54,200	43,300	54,200	43,300	800	650
<b>TOTAL FOR PROJ NO. R-5191 45225.3.ST1</b>					400	400	2	2	300	2	12	108,400	86,600	108,400	86,600	1,600	1,300
<b>GRAND TOTAL</b>					400	400	2	2	300	2	12	108,400	86,600	108,400	86,600	1,600	1,300

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

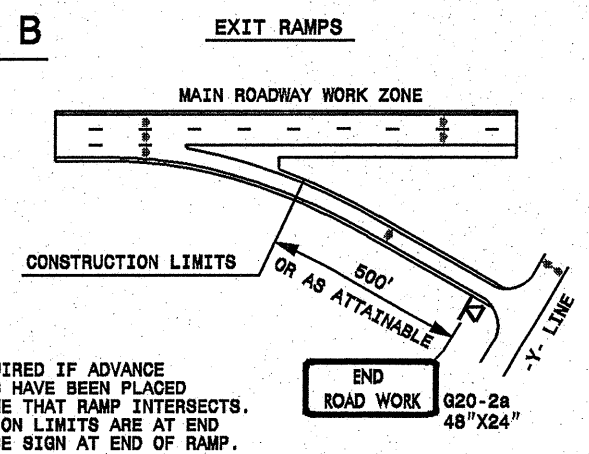
**DETAIL A**



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

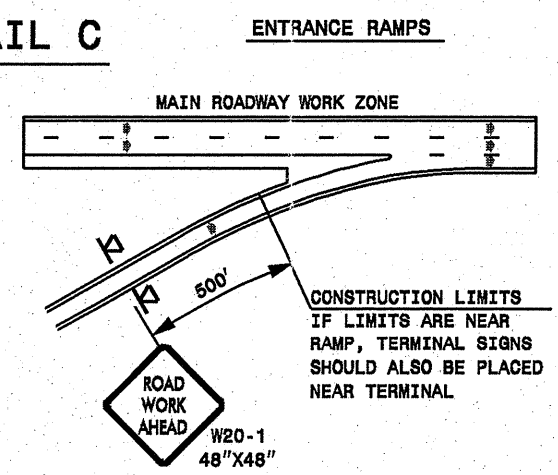
**ROADWAYS INTERSECTING ALONG FREEWAY WORK ZONE (Y-LINES)**

**DETAIL B**



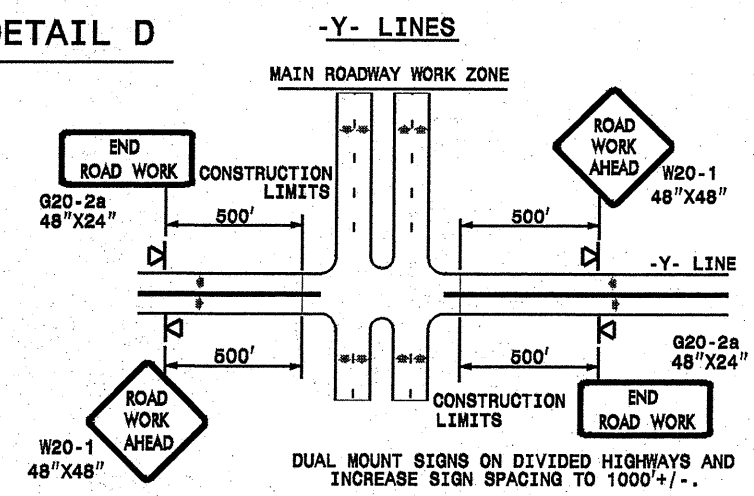
NOTE:  
SIGN NOT REQUIRED IF ADVANCE WARNING SIGNS HAVE BEEN PLACED ALONG -Y- LINE THAT RAMP INTERSECTS. IF CONSTRUCTION LIMITS ARE AT END OF RAMP, PLACE SIGN AT END OF RAMP.

**DETAIL C**



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

**DETAIL D**



DUAL MOUNT SIGNS ON DIVIDED HIGHWAYS AND INCREASE SIGN SPACING TO 1000' +/-.

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

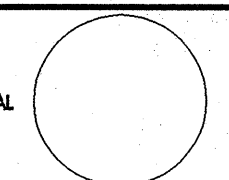
**GENERAL NOTES**

- 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

APPROVED: _____ DATE: _____	<b>DETAIL DRAWING FOR FREEWAYS WORK ZONE WARNING SIGNS</b>	
SEAL 	SCALE: NONE	REVISIONS
	DATE: _____	7-98 10/01
	DWG. BY: _____	10-98 09/04
	DESIGN BY: _____	01/01 11/04
REVIEWED BY: _____		

20-AUG-2009 13:43 s:\signing\resurfacing\030509\resurfacing\dwg\04\c202446\_452253.st1\_r-5191\_freelanesgreat\july2006\_portable.dgn