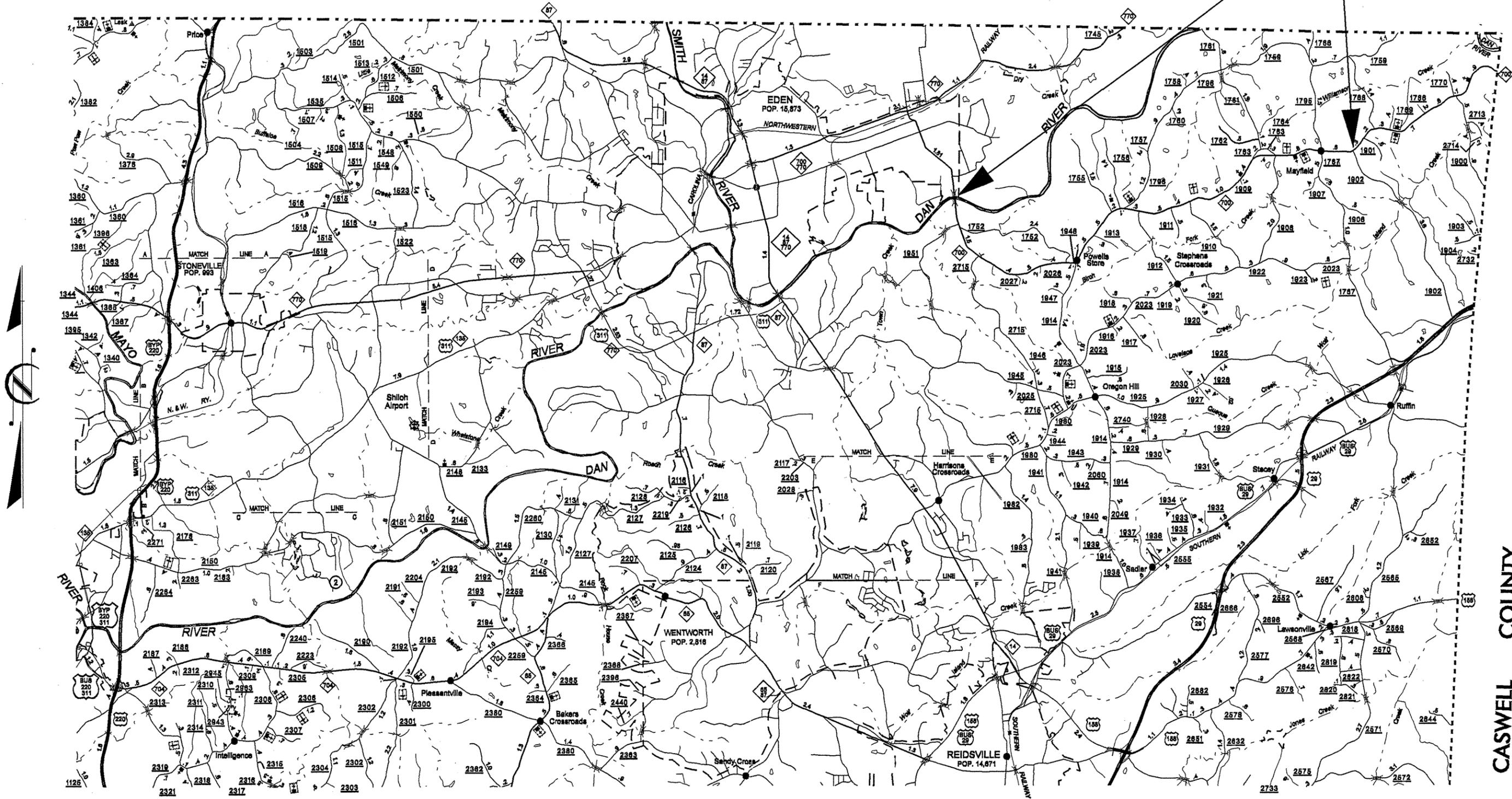


ROCKINGHAM COUNTY

VIRGINIA

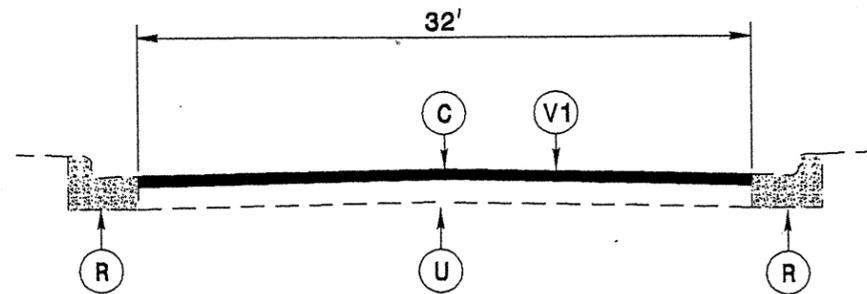
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	45213.3.ST2 (R-5179B)	1	3
F.A. PROJ. NO.			

1

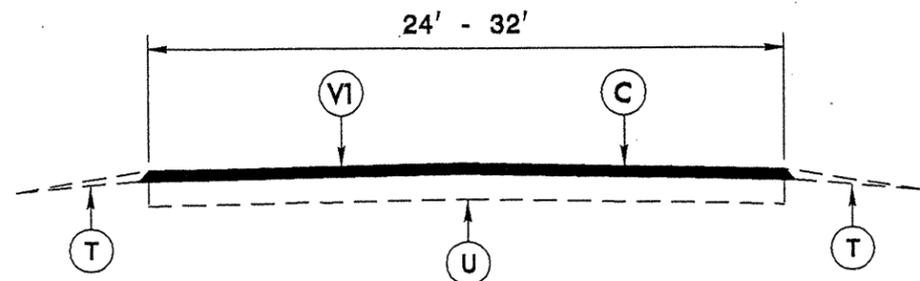


CASWELL COUNTY

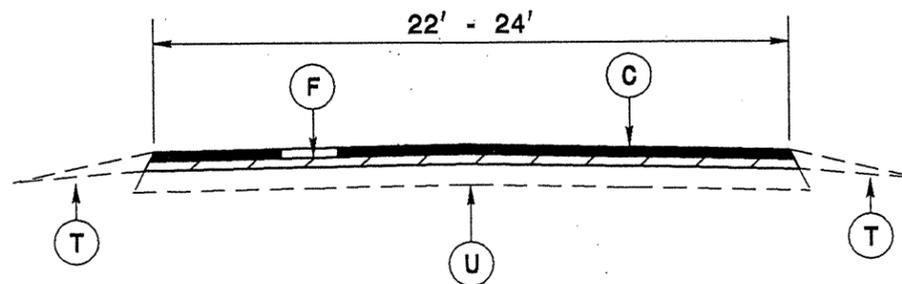
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	45213.3.ST2 (R-5179B)	2	3



TYPICAL SECTION NO. 1

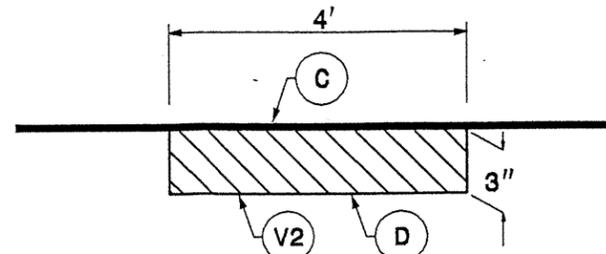


TYPICAL SECTION NO. 2



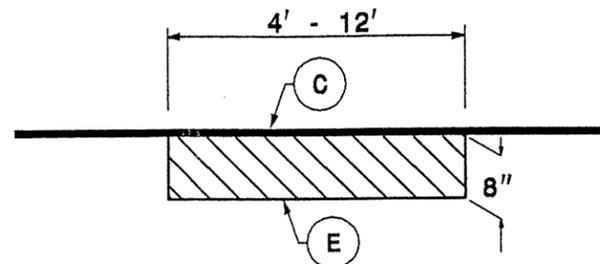
TYPICAL SECTION NO. 3

MILLING DETAIL 2



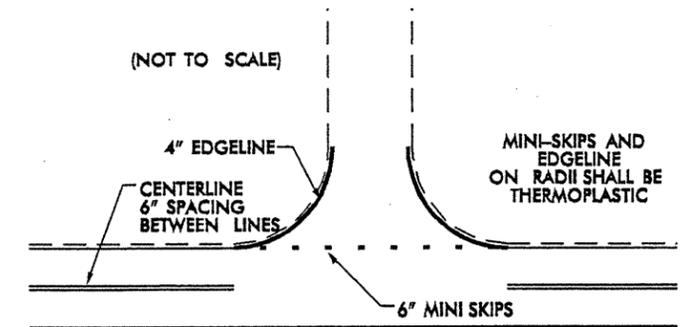
MILL EXISTING ASPHALT PAVEMENT 3" IN DEPTH, AT LOCATIONS AS DIRECTED BY THE ENGINEER. TO BE USED IN CONJUNCTION WITH TS. NO. 3

PATCHING EXISTING PAVEMENT



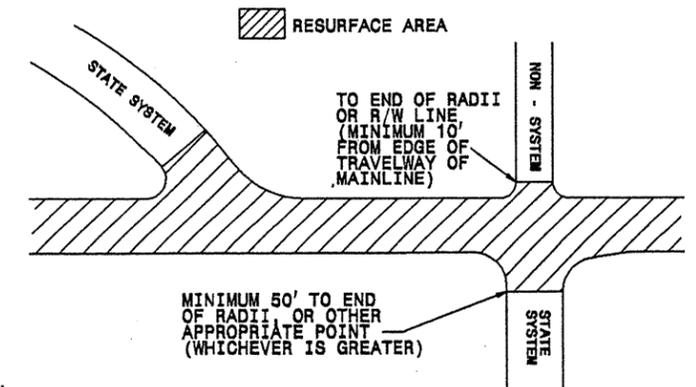
DIG OUT OR MILL EXISTING ASPHALT PAVEMENT 8" IN DEPTH, FOR PATCHING, AT LOCATIONS AS DIRECTED BY THE ENGINEER. TO BE USED IN CONJUNCTION WITH TS. NO. 3 AT SR 2027 (DUSTY ROAD). SEE SPECIAL PROVISION FOR PATCHING

STRIPING DETAIL
NON-SIGNALIZED/NON-CURB
& GUTTER INTERSECTIONS



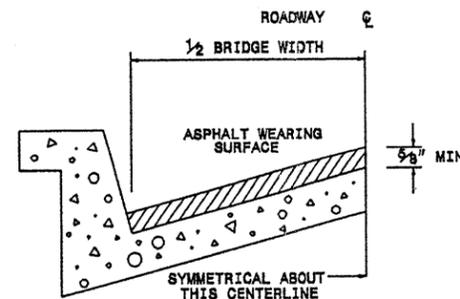
NOTE: MINI SKIPS SHALL BE PLACED ON A 10' CYCLE, CONTAINING AN 8' SPACE AND 2' SKIP. THE WIDTH OF THE SKIP SHALL BE 6".

PAVING DETAIL
MAIN LINE IS BEING RESURFACED



MINIMUM 50' TO END OF RADII OR OTHER APPROPRIATE POINT (WHICHEVER IS GREATER)

NOTE: NON-SYSTEM (CITY STREET, PRIVATE DRIVE, SCHOOL BUS DRIVE)



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 1-1/2" UNLESS IT IS IMPRACTICAL TO PROVIDE A SMOOTH RIDING SURFACE OTHERWISE.

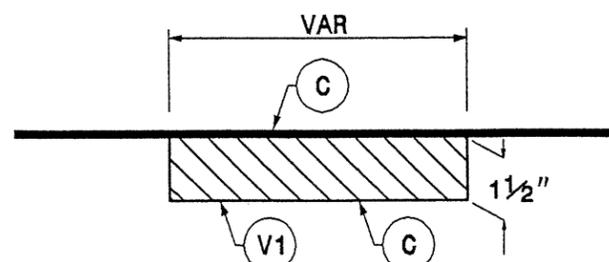
NOTES

ALL UNPAVED S.R. ROUTES TO BE SURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.
ALL PAVED S.R. ROUTES TO BE RESURFACED TO END OF RADDII, OR AS DIRECTED BY THE ENGINEER. EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES. BRIDGES TO BE RESURFACED AT LOCATIONS AND DEPTH AS DIRECTED BY THE ENGINEER.

PAVEMENT SCHEDULE

C	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 188 LBS. PER SQ. YD.	R	EXISTING CURB & GUTTER
D	PROP. APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.	T	SHOULDER RECONSTRUCTION
E	PROP. APPROX. 8" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. IN EACH OF TWO LAYERS	U	EXISTING PAVEMENT.
F	AST MAT COAT, 78M	V1	1 1/2" MILLING - MILL AND FILL
		V2	3" MILLING

MILLING DETAIL 1



MILL EXISTING ASPHALT PAVEMENT 1 1/2" IN DEPTH, AT LOCATIONS AS DIRECTED BY THE ENGINEER. TO BE USED IN CONJUNCTION WITH TS. NO. 1 & 2

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PROJECT NO.	SHEET NO.	TOTAL NO.
45213.3.ST2 (R-5179B)	3	3

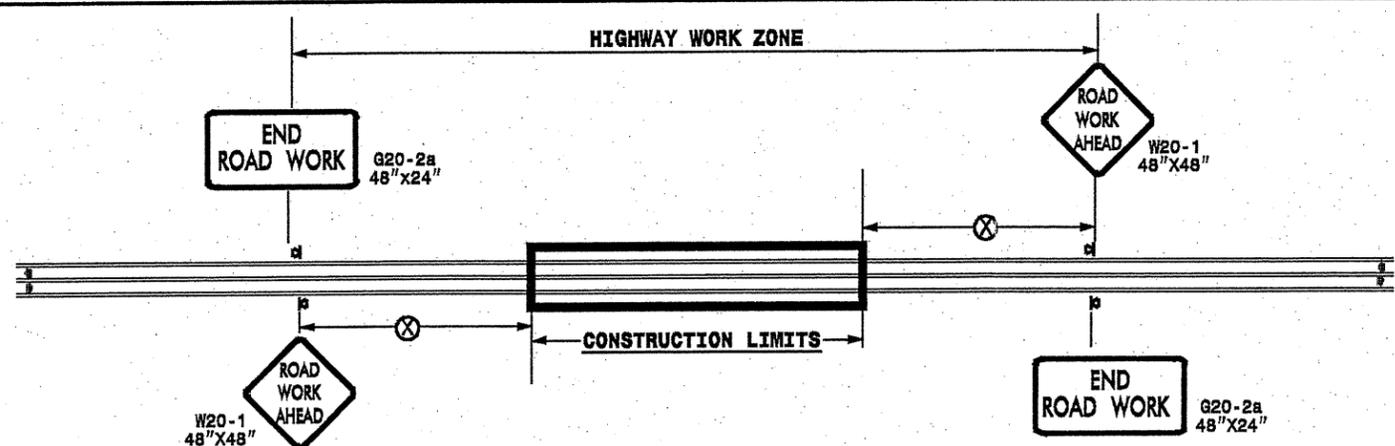
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH	WIDTH	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	MILLING ASPHALT PAVEMENT, 1½" DEPTH	MILLING ASPHALT PAVEMENT, 3" DEPTH	INCIDENTAL MILLING	INTERMEDIATE COURSE, 119.0B	SURFACE COURSE, S9.5B	PG 64-22 PLANT MIX	PATCHING EXISTING PAVEMENT	AST MAT COAT 78M	SEED & MULCHING	RESIDENTIAL SEEDING			
						NO	MI	FT	TONS	SMI	SY	SY	SY	TONS	TONS	TONS	TONS	TONS	SY	AC	AC		
R5179B 45213.3.ST2	Rockingham	1	NC 700	FROM THE DAN RIVER BRIDGE TO SR 1902 (DIBRELL ROAD)	1	NO	0.002	32		563		38			3		0						
					2	NO	0.009	28 - 32		0.01	178				14		1				0.01		
					2	NO	0.098	28			1,618					136		8					
					3	NO	0.011	24 - 28		0.01				173		14		1			168	0.01	
					3	NO	3.023	24		3.02				45		3,954		238	285	42,564	1.20	1.00	
					3	NO	0.019	22 - 24		0.02						22		1			256	0.01	
					3	NO	5.509	22		5.51					61		6,483		389		71,103	2.01	2.00
TOTAL FOR PROJ NO. R5179							8.671		563	8.57	1,834	45	234	8	10,626	638	285	114,091	3.24	3.00			
GRAND TOTAL							8.671		563	8.57	1,834	45	234	8	10,626	638	285	114,091	3.24	3.00			

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4370000000-N	4685000000-E	4686000000-E	4690000000-E	4695000000-E	4710000000-E	4721000000-E	4725000000-E	4905000000-N	
					TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 120 M YELLOW THERMO	6" X 120 M WHITE THERMO	8" X 90 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO MSG SCHOOL 120 M	THERMO RT ARROW 90 M	SNOWPLOWABLE PAVEMENT MARKERS - CRYSTAL/RED	SNOWPLOWABLE PAVEMENT MARKERS - YELLOW/YELLOW
NO		NO			LS	LF	LF	LF	LF	LF	EA	EA	EA	EA
R-5179B 45213.3.ST2	Rockingham	1	NC 700	FROM THE DAN RIVER BRIDGE TO SR 1902 (DIBRELL ROAD)	1	91,580	79,010	346	226	100	12	2	12	612
		"	"											
		"	"											
		"	"											
		"	"											
TOTAL FOR MAP NO. 1					1	91,580	79,010	346	226	100	12	2	12	612
TOTAL FOR PROJ NO. R5179B					1	91,580	79,010	346	226	100	12	2	12	612
GRAND TOTAL					1	91,580	79,010	346	226	100	12	2	12	624

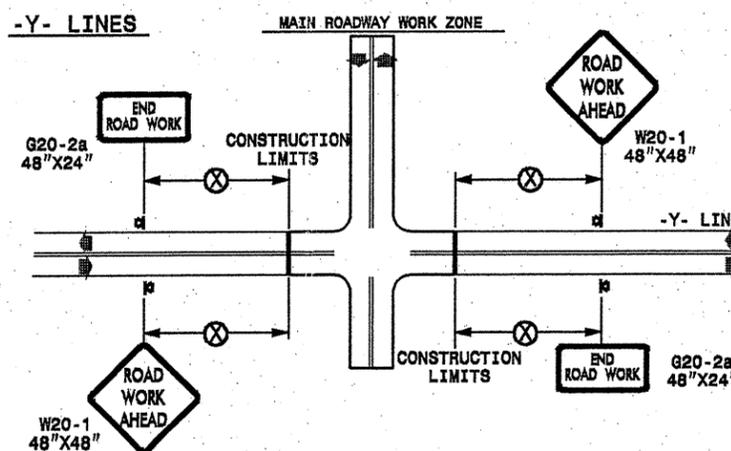
TWO-WAY UNDIVIDED ** (L-LINES)



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

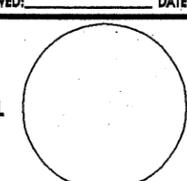
- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCE WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH 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 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

SHEET 1 OF 1

DETAIL DRAWING
FOR TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS

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

20-AUG-2009 18:11
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