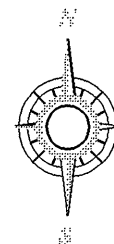


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NORTH CAROLINA
IREDELL COUNTY

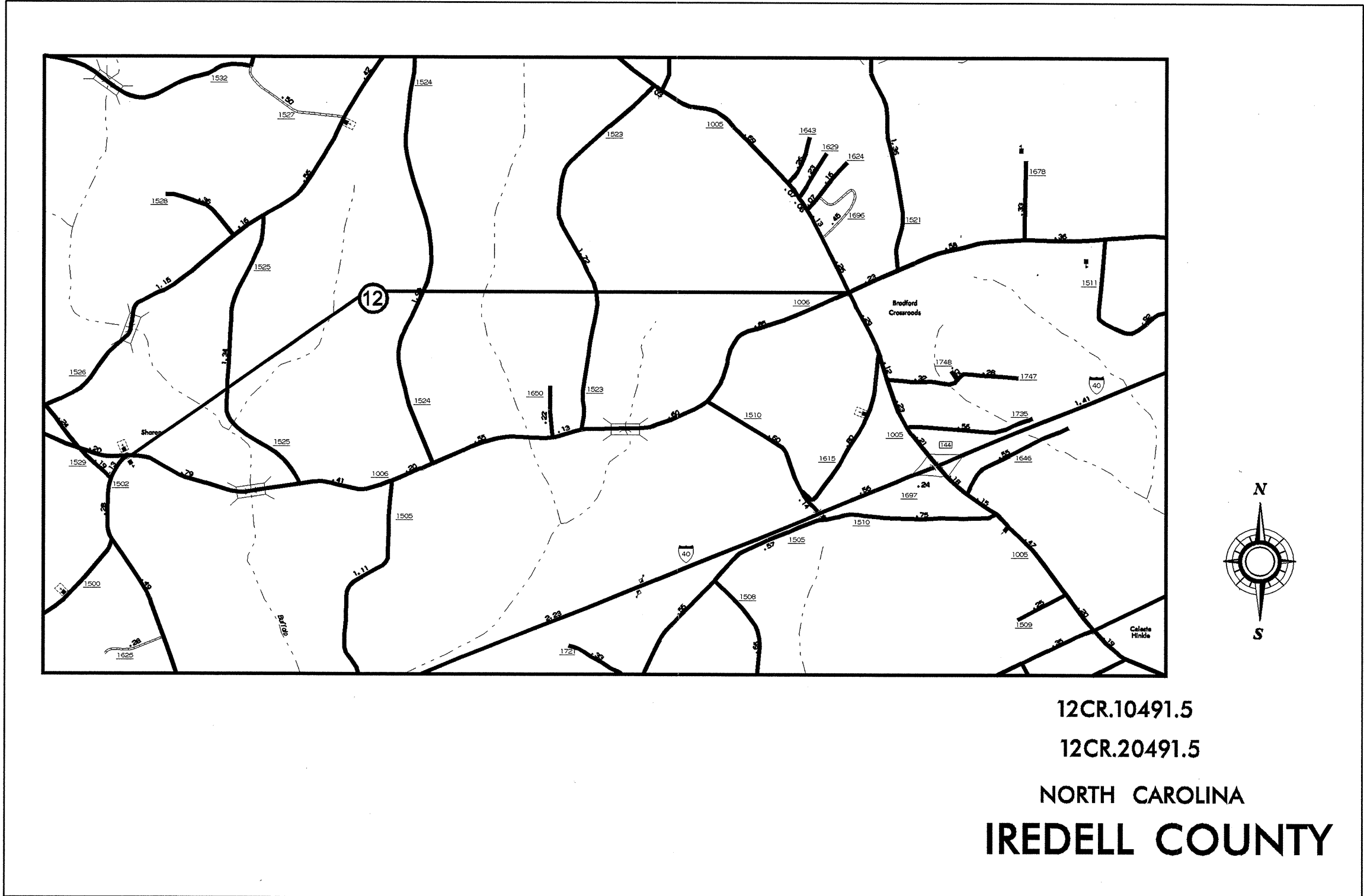


12CR.10491.5
12CR.20491.5
NORTH CAROLINA

IREDELL COUNTY



12CR.10491.5
12CR.20491.5
NORTH CAROLINA
IREDELL COUNTY



PROJECT NO.	SHEET NO.	TOTAL NO.
12CR.10491.5, 12CR.20491.5	5	8

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH OF EACH TYPICAL MI	LENGTH OF PROJECT MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	0" TO 3" MILLING SY	INCIDENTAL MILLING SY	BASE COURSE, B25.0B TONS	SURFACE COURSE, S9.5B TONS	LEVELING COURSE, S9.5B TONS	PG 64-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	ADJUST MANHOLES EA	METER OR VALVE BOX EA	PORTABLE LIGHTING Lump Sum
12CR.10491.5	Iredell	1	NC 3	FROM MOORESVILLE CITY LIMITS TO CABARRUS COUNTY LINE	6	0.35	5	VAR 24-45	700	9.65				6,939	654	456	654			
		2	NC 115	FROM HARTNESS RD. TO WATER ST	2	0.98	0.98	VAR 35-60			21,000			2,307	231	153	231	15	8	LS
		3	NC 115	FROM 590' NORTH OF SR 1929 (SCOTT CREEK RD) TO SR 1908	1	3.44	3.44	24		6.88				4,499	225	285	449			
		4	US 64	FROM SR 1006 (ISLAND FORD RD) TO 0.64 MILES WEST (END OF MEDIAN ON US 64)	7	0.57	0.64	65		0.14				2,215	221	147	221	5	5	LS
		5	NC 150	FROM NC 152 TO NC 115	8	0.07	0.64	VAR 42-65						4,344	434	287	434	3	8	LS
TOTAL FOR PROJ NO. 12CR.10491.5							11.35		700	16.67	21,000		20,304	1,765	1,328	1,989	23	21	LS	
12CR.20491.5	Iredell	6	SR 1196 (GIBBS COVE)	FROM SR 1100 TO SR 3090	3	0.47	0.81	20	20					957	95	64	95			
		7	SR 1109 (WILLIAMSON RD)	FROM NC 150 TO 0.56 MILES SOUTH OF NC 150	5	0.32	0.56	VAR 42-60	50					1,587	238	111	158	5	1	LS
		8	SR 2399 (WIGGINS RD)	FROM NC 150 TO NC 801	9	0.24	0.56	VAR 42-60						3,968	1,600	334	720			
		9	SR 2171 (JANE SOWERS RD)	FROM US 21 TO SR 2158	3	3.1	3.1	20	360				490	4,027	403	266	366			
		10	SR 2174 (CRAWFORD RD)	FROM 2437 TO SR2171	3	2.86	2.86	22	96					2,394	110	151	218			
		11	SR 2437 (WILSON PARK)	FROM SR 2158 TO SR 2174	3	1.7	1.7	22	24					704	35	45	64	2	2	
		12	SR 1006 (ISLAND FORD RD)	FROM SR 1005 TO SR 1502	3	0.5	0.5	24												
TOTAL FOR PROJ NO. 12CR.20491.5							13.07		675	7.08		1,370	1,574	17,907	2,908	1,321	2,048	7	3	LS
GRAND TOTAL							24.42		1375	23.75	21,000	1,370	1,574	38,211	4,673	2,649	4,037	30	24	LS

PROJECT NO.	SHEET NO.	TOTAL NO.
12CR.10491.5, 12CR.20491.5	6	8

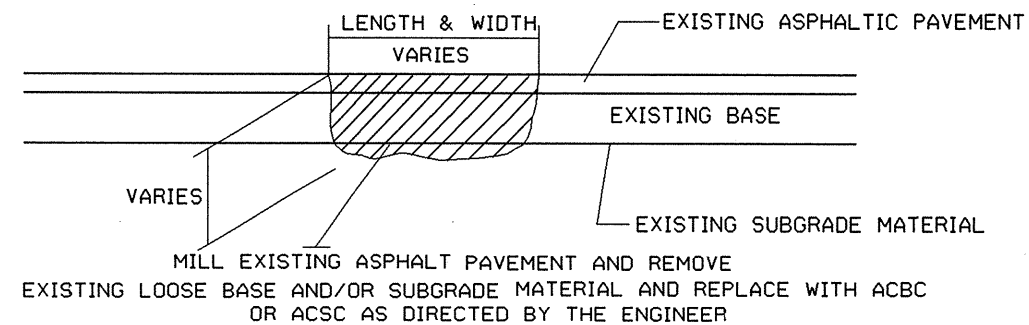
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E		4710000000-E	4721000000-E	4725000000-E					4810000000-E		4900000000-N	4905000000-N
					4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	4" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO MSG SCHOOL 120 M EA	THERMO LT ARROW 90 M EA	THERMO RT ARROW 90 M EA	THERMO LT STR RT ARROW 90 M EA	THERMO STR & RT ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	YELLOW & YELLOW MARKERS EA	SNOW PLOWABLE MARKERS EA	
12CR.10491.5	Iredell	1	NC 3	FROM MOORESVILLE CITY LIMITS TO CABARRUS COUNTY LINE	53,800	33,000					13	4						350
		2	NC 115	FROM HARTNESS RD. TO WATER ST		10,580	3,145	160	12	14	10	10			1,573	5,290		225
		3	NC 115	FROM 590' NORTH OF SR 1929 (SCOTT CREEK RD) TO SR 1908	37,014	22,704												250
		4	US 64	FROM SR 1006 (ISLAND FORD RD) TO 0.64 MILES WEST (END OF MEDIAN ON US 64)	1,300	4,224	1,700	150		15		8	8					180
		5	NC 150	FROM NC 152 TO NC 115		8,514	6,810	144		50	2	9	9		3,400	4,250		370
TOTAL FOR PROJ NO. 12CR.10491.5					92,114	79,022	11,655	454	12	92	16	27	17		4,973	9,540		1,375
						90,677				152					14,513			
12CR.20491.5	Iredell	6	SR 1196 (GIBBS COVE)	FROM SR 1100 TO SR 3090											9,926	10,692		
		7	SR 1109 (WILLIAMS RD)	FROM NC 150 TO 0.56 MILES SOUTH OF NC 150	6,026	3,696		96		27	13	7	2					
		8	SR 2399 (WIGGINS RD)	FROM NC 150 TO NC 801											66,712	40,920		
		9	SR 2171 (JANE SOWERS RD)	FROM US 21 TO SR 2158											61,548	37,752		
		10	SR 2174 (CRAWFORD RD)	FROM 2437 TO SR2171											36,584	22,440		
		11	SR 2437 (WILSON PARK)	FROM SR 2158 TO SR 2174											21,520	13,200		
		12	SR 1006 (ISLAND FORD RD)	FROM SR 1005 TO SR 1502											76,180	46,728	250	
TOTAL FOR PROJ NO. 12CR.20491.5					6,026	3,696		96		27	13	7	2		272,470	171,732	250	
						3,696				49					444,202			
GRAND TOTAL					98,140	82,718	11,655	550	12	119	29	34	19		277,443	181,272	250	1,375
						94,373				201					458,715			

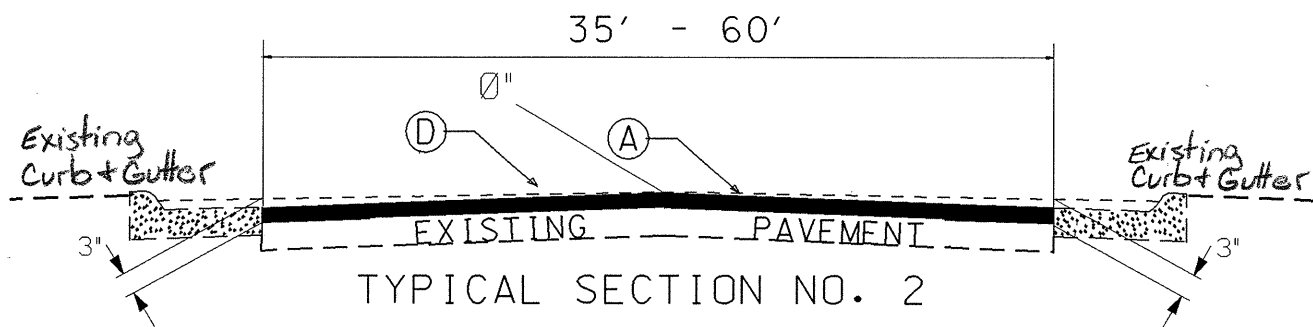
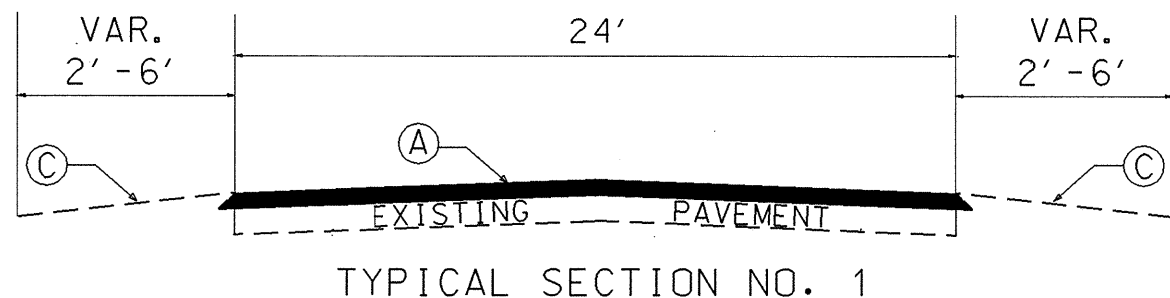
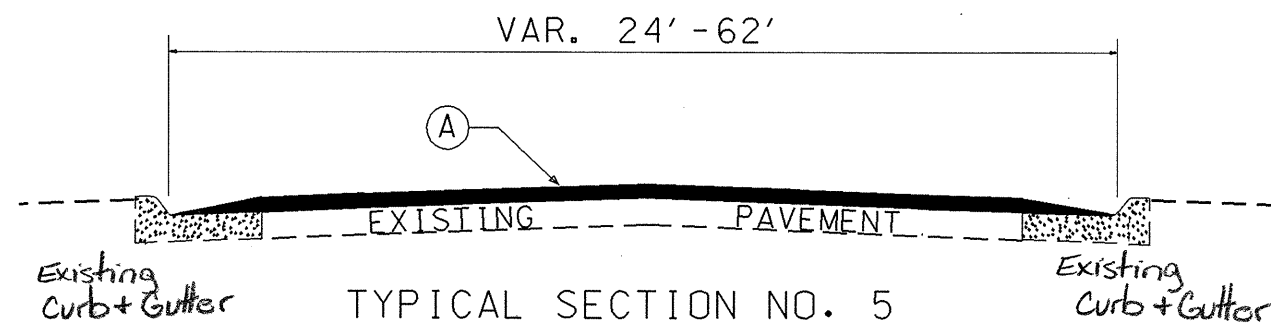
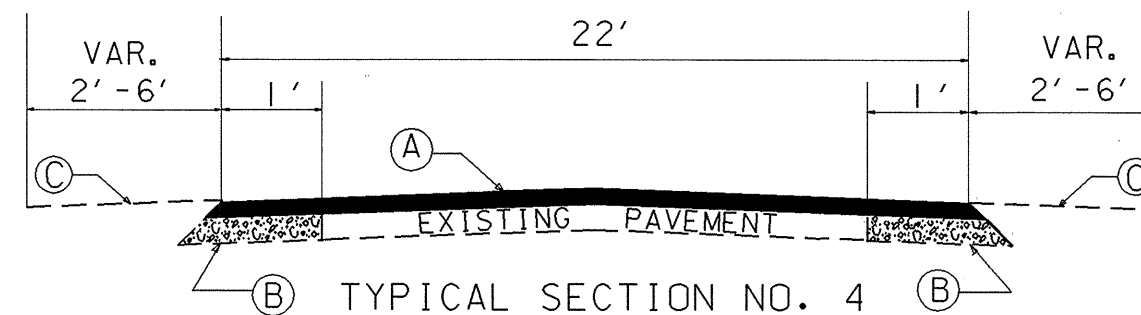
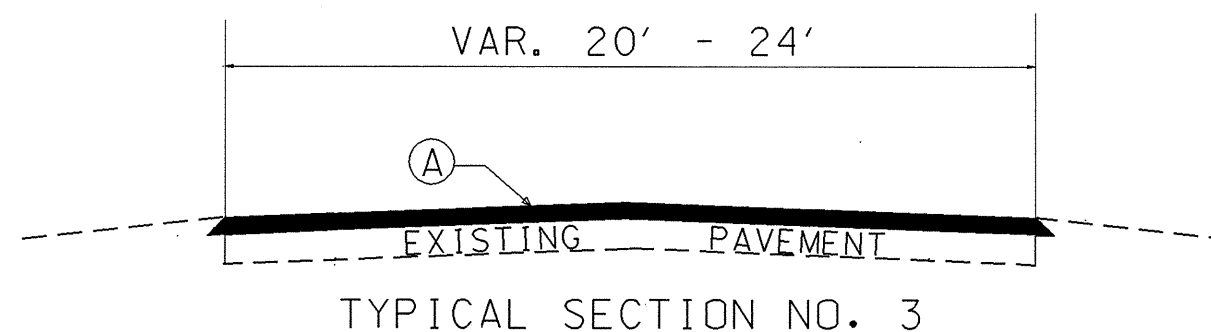
12CR.10491.5
12CR.20491.5

PAVEMENT SCHEDULE	
A	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
B	PROP. APPROX. 5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
C	SHOULDER RECONSTRUCTION
D	MILL ASPHALT PAVEMENT APPROX. 0" - 3" AS DIRECTED BY ENGINEER

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
MILL BRIDGE APPROACHES 100' TO PROVIDE A SMOOTH TRANSITION AS DIRECTED.

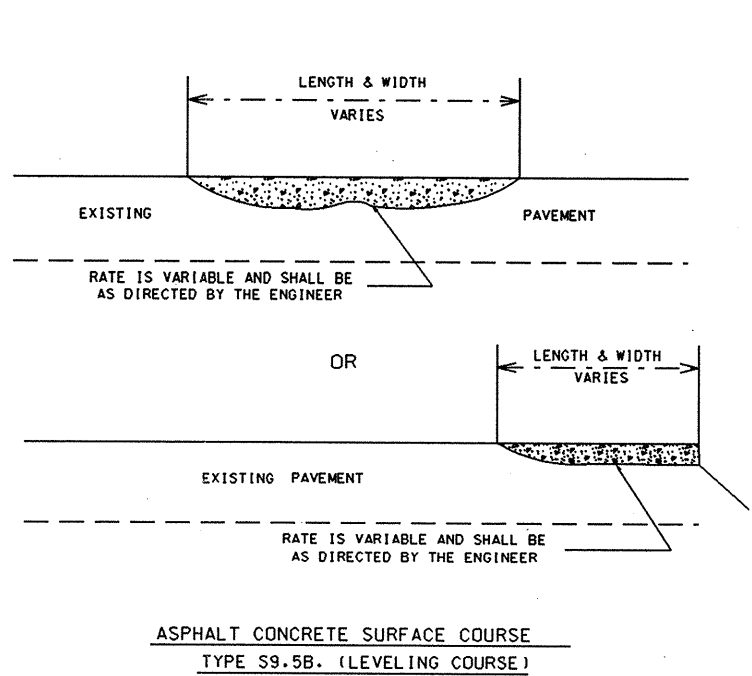


PATCHING EXISTING PAVEMENT

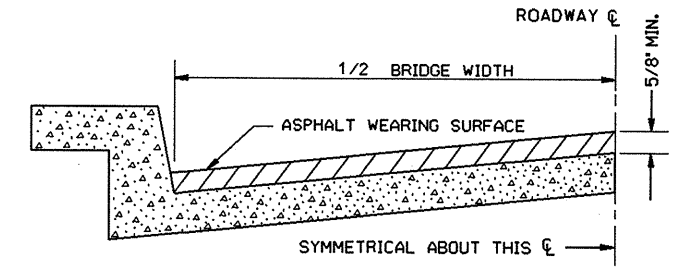


PAVEMENT SCHEDULE	
A	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
B	PROP. APPROX. 5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
C	SHOULDER RECONSTRUCTION
D	MILL ASPHALT PAVEMENT APPROX. 0" - 3" AS DIRECTED BY ENGINEER

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
MILL BRIDGE APPROACHES 100' TO PROVIDE A SMOOTH TRANSITION AS DIRECTED.



12CR. 10491.5
12CR. 20491.5



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

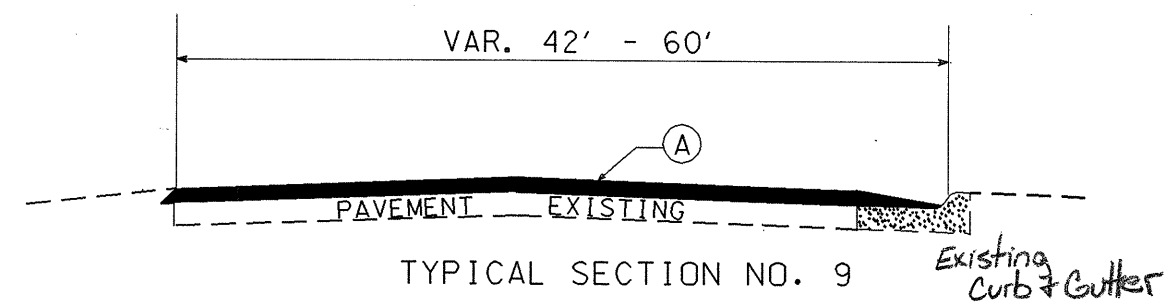
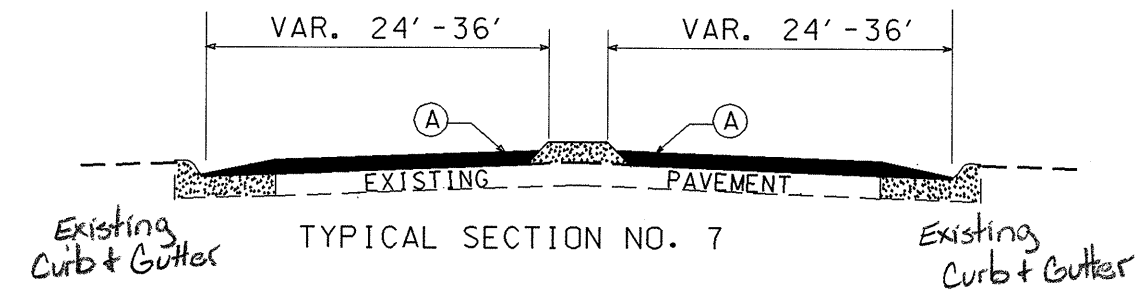
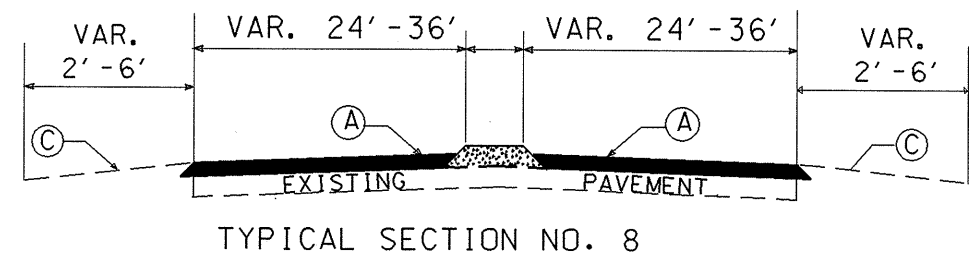
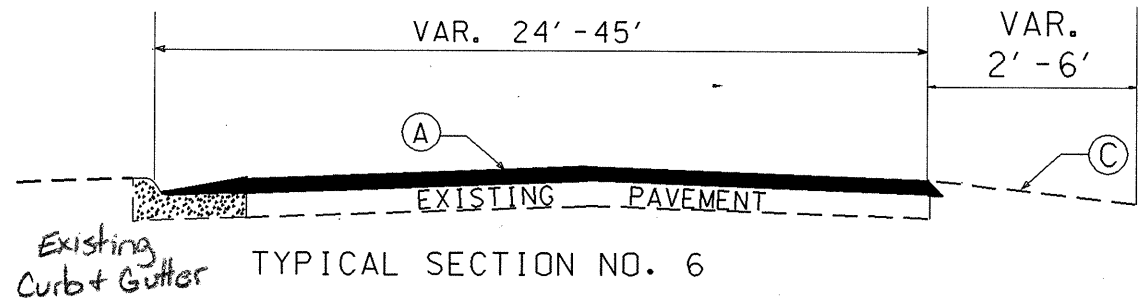
ALL UNPAVED S.R. ROADS TO BE SURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.

ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER.

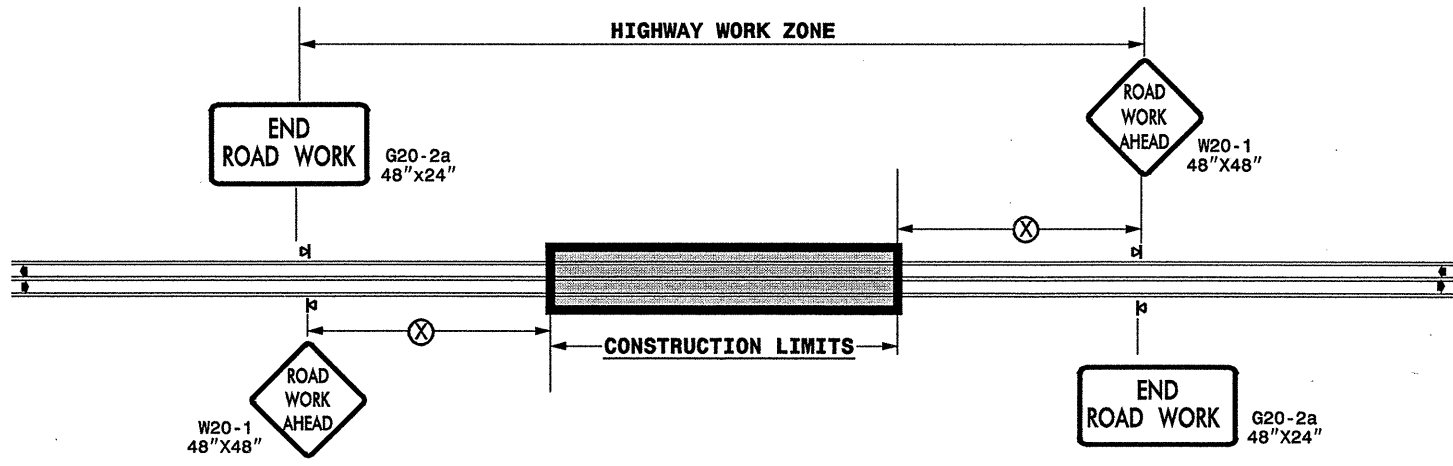
EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.

SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE NOTED.

BRIDGES TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.



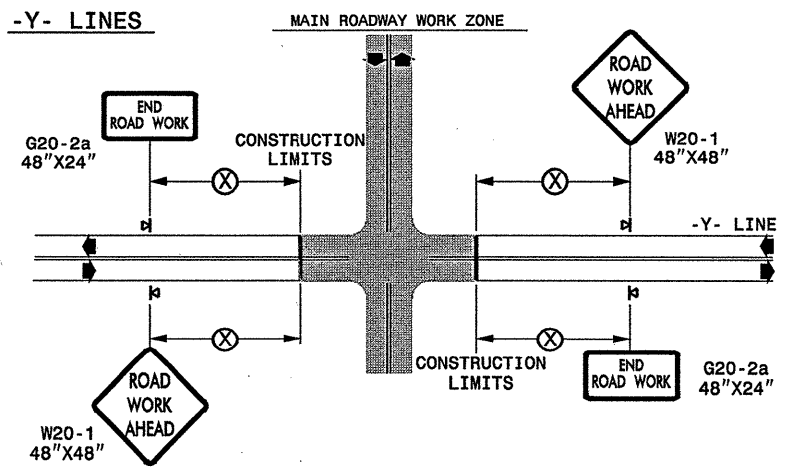
TWO-WAY UNDIVIDED ** (L-LINES)



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 7-98 10/01 10-98 03/04 01/01 11/04	
	DATE: _____		
	DWG. BY: _____		
	DESIGN BY: _____		
REVIEWED BY: _____	FILE		

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