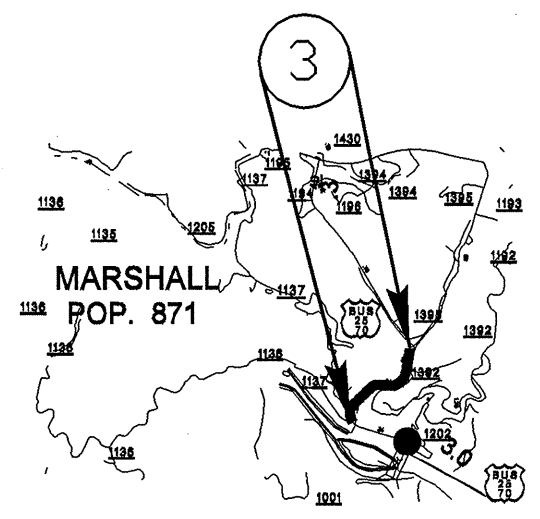
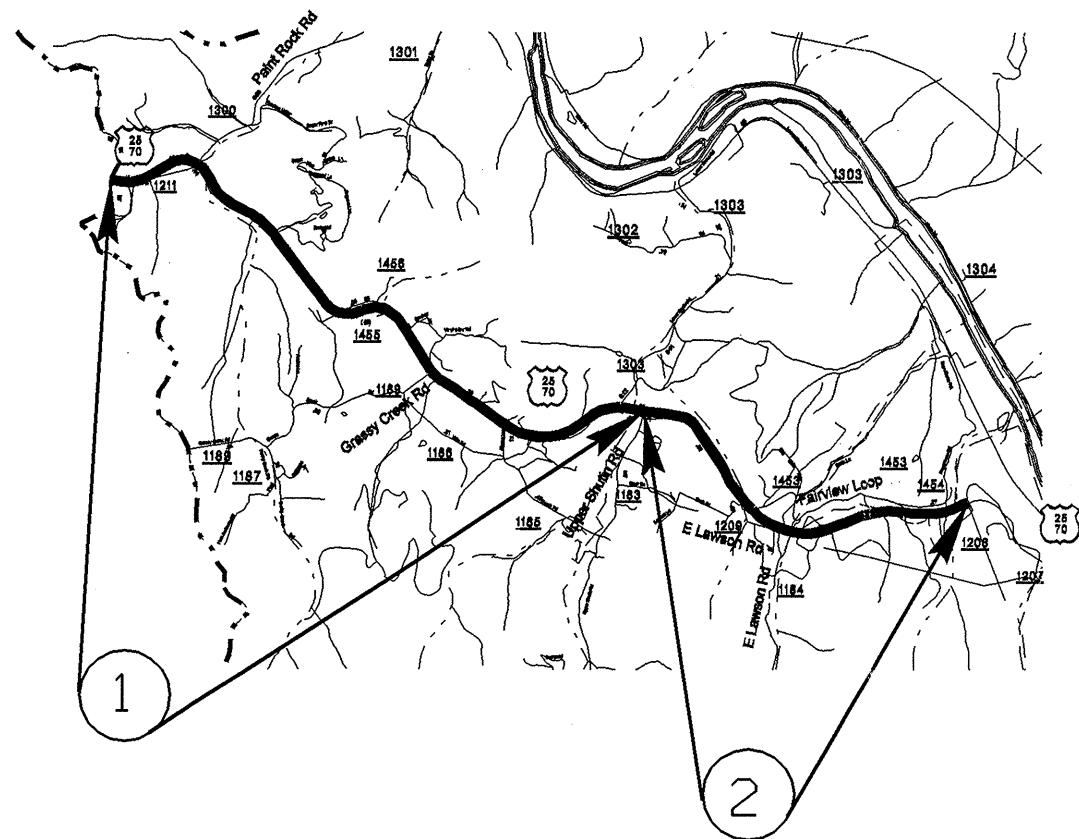
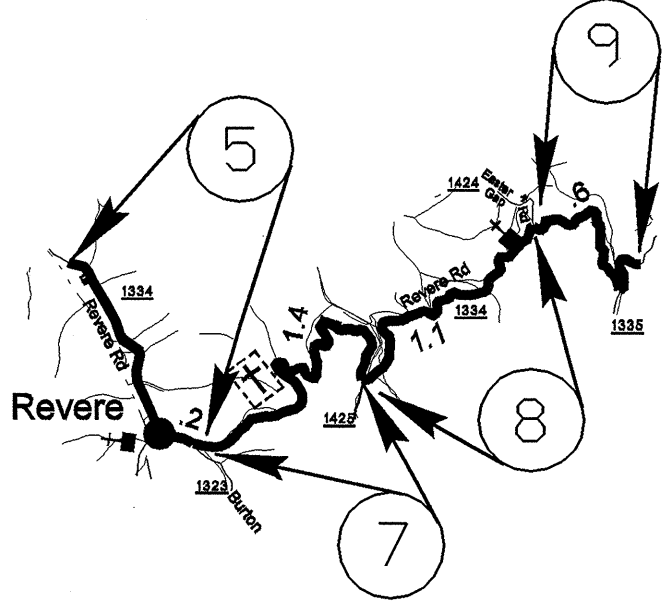
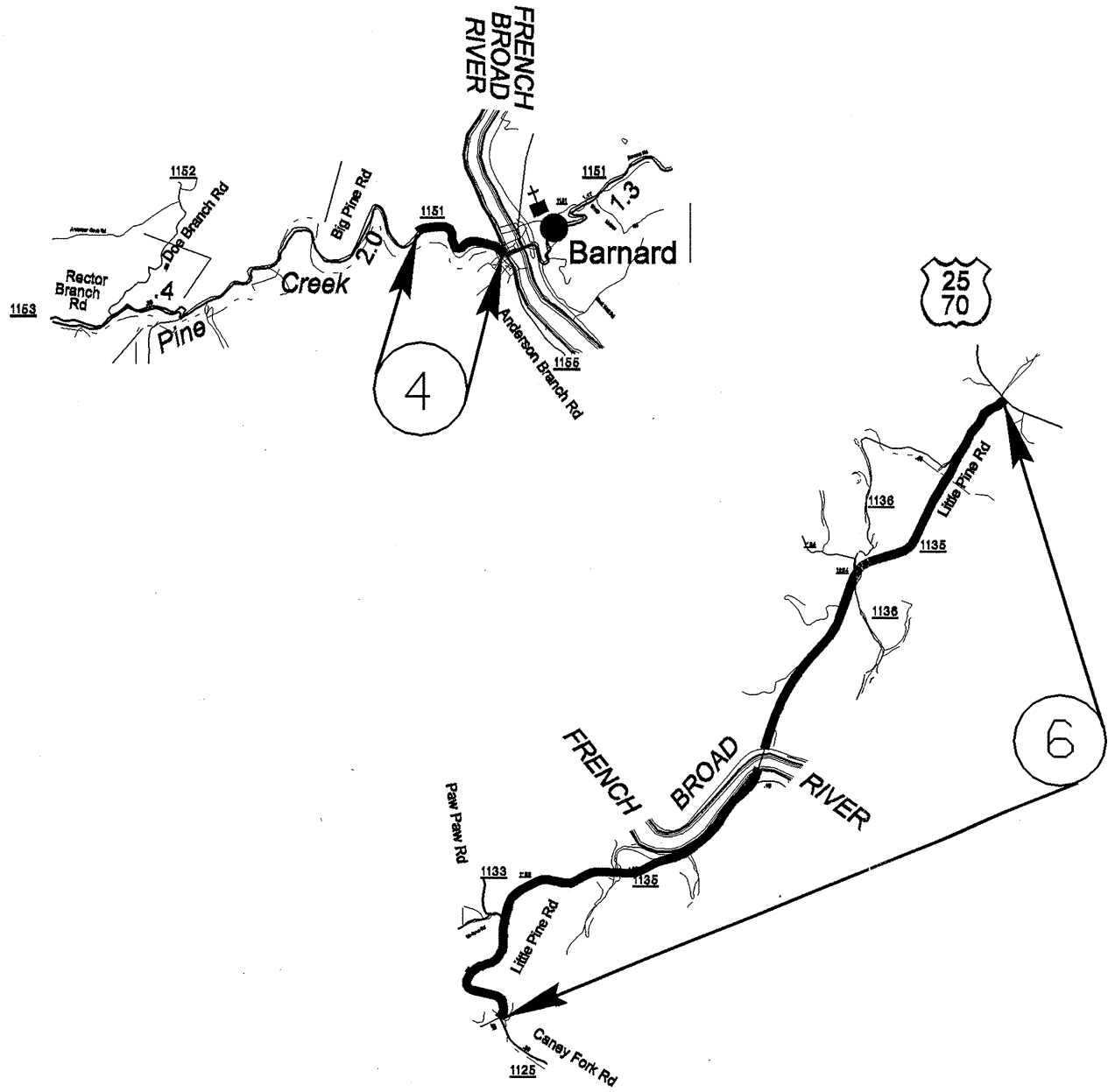


PROJECT NO.	SHEET NO.	TOTAL SHEETS
13CR.10571.A, 13CR.20571.A		5



MADISON COUNTY

PROJECT NO.	SHEET NO.	TOTAL SHEETS
13CR.10571.A , 13CR.20571.A	2	5



MADISON COUNTY

PROJECT NO.	SHEET NO.	TOTAL NO.
13CR.10571.4, 13CR.20571.4	3	5

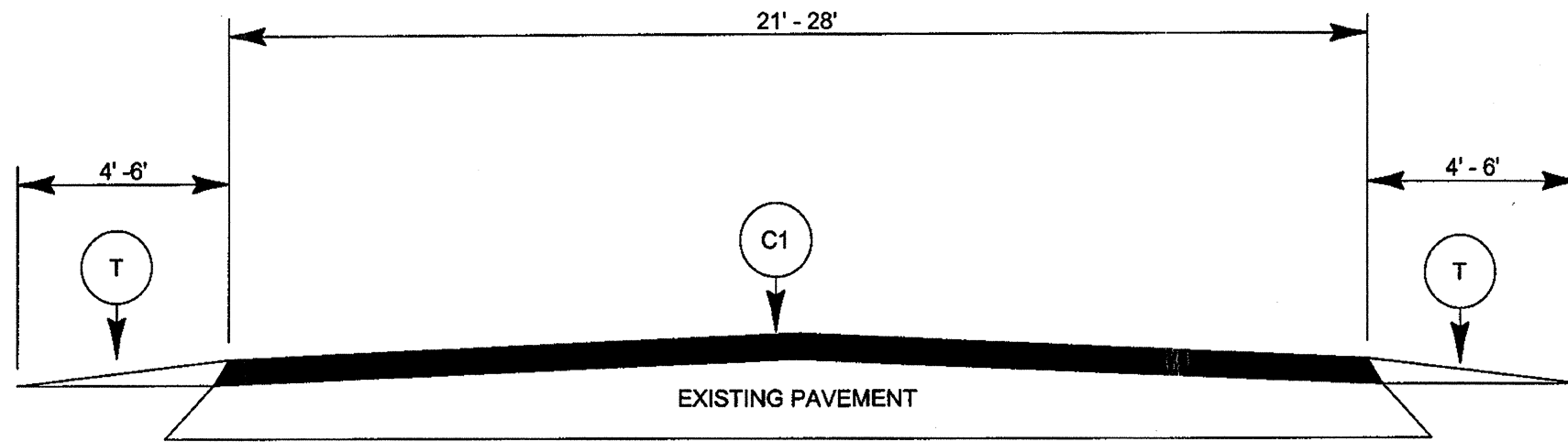
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	BASE COURSE, B25.0B TONS	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, SF9.5A TON	PG 64-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	MANHOLES EA	METER OR VALVE BOX EA
13CR.10571.4	Madison	1	US 25/70	FROM TENN STATE LINE TO SR 1183	1	2.76	28	138	5.52		4,208		252	300		
		2	US 25/70	FROM SR 1183 TO SR 1208	1	1.57	28	79	3.14		2,394		144	275		
		3	US 25 BUS	FROM SR 1136 TO SR 1395	2	0.5	26	25	1.00			695		45	10	12
TOTAL FOR PROJ NO. 13CR.10571.4						4.83		242	9.66		6,602	695	441	585	12	1
13CR.20571.4	Madison	4	SR 1151 (BIG PINE RD)	FROM LAST YRS. RESURFACING TO FRENCH BROAD RIVER	2	0.45	18	23				434	28	60		
		5	SR 1334 (REVERE RD)	FROM LAST YRS. RESURFACING TO SR 1323	3	0.73	18	37		220		704	55	80		
		6	SR 1135	US 25/70 TO SR 1125	1	3.75	21	188			4,294		258	200		
		7	SR 1334	SR 1323 TO SR 1425	4	1.41	18	71		707		1,361	119	150		
		8	SR 1334	SR 1425 TO SR 1424	2	1.1	18	55				1,061	69	260		
		9	SR 1334	FROM SR 1424 TO 0.2 MILES EAST OF SR 1335	2	0.8	19	40				815	53	160		
TOTAL FOR PROJ NO. 13CR.20571.4						8.24		414		927	4,294	4,375	582	910		
GRAND TOTAL						13.07		656	9.66	927	10,896	5,070	1,023	1,495	12	1

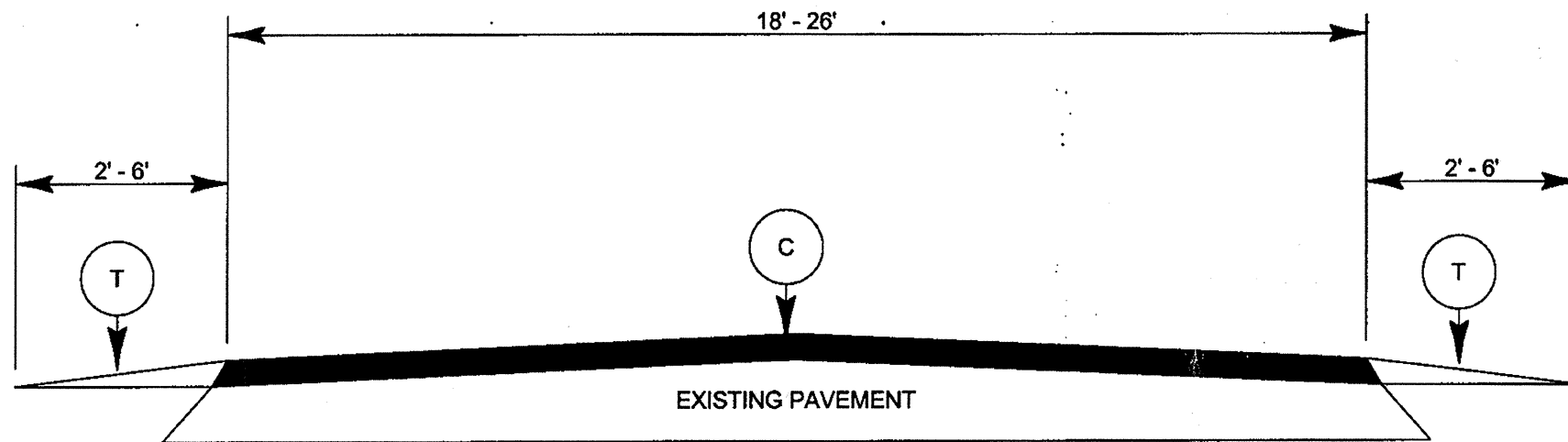
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E	4810000000-E	4810000000-E
					4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	4" WHITE PAINT LF	4" YELLOW PAINT LF
13CR.10571.4	Madison	1	US 25/70	FROM TENN STATE LINE TO SR 1183	29,146	29,146		
		2	US 25/70	FROM SR 1183 TO SR 1208	16,579	16,579		
		3	US 25 BUS	FROM SR 1136 TO SR 1395			10,560	10,560
TOTAL FOR PROJ NO. 13CR.10571.4					45,725	45,725	10,560	10,560
13CR.20571.4	Madison	4	SR 1151 (BIG PINE RD)	FROM LAST YRS. RESURFACING TO FRENCH BROAD RIVER			9,504	9,504
		5	SR 1334 (REVERE RD)	FROM LAST YRS. RESURFACING TO SR 1323			15,418	15,418
		6	SR 1135	US 25/70 TO SR 1125			79,200	79,200
		7	SR 1334	SR 1323 TO SR 1425			29,779	29,779
		8	SR 1334	SR 1425 TO SR 1424			23,232	23,232
		9	SR 1334	FROM SR 1424 TO 0.2 MILES EAST OF SR 1335			16,896	16,896
TOTAL FOR PROJ NO. 13CR.20571.4							174,029	174,029
GRAND TOTAL					45,725	45,725	184,589	184,589

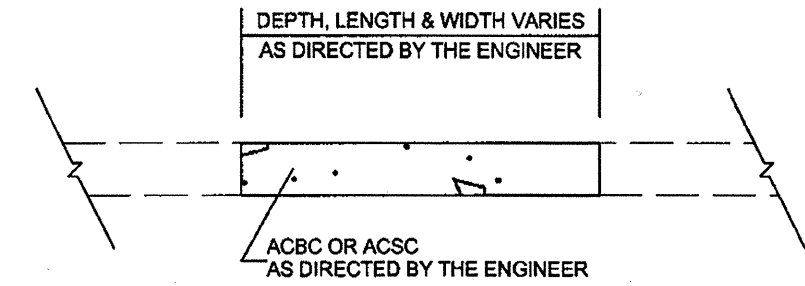
PROJECT NO.	SHEET NO.	TOTAL SHEETS
13CR.10571.4, 13CR.20571.4	4	5



TYPICAL SECTION NO. 1



TYPICAL SECTION NO. 2

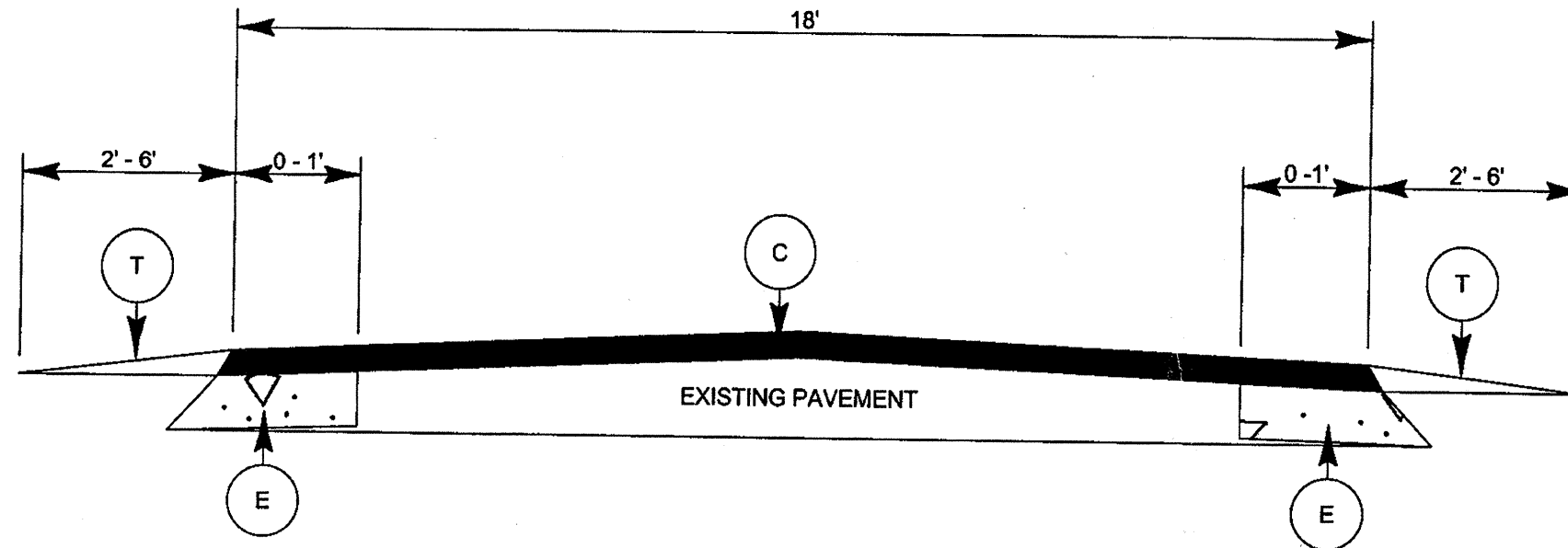


PATCHING EXISTING PAVEMENT

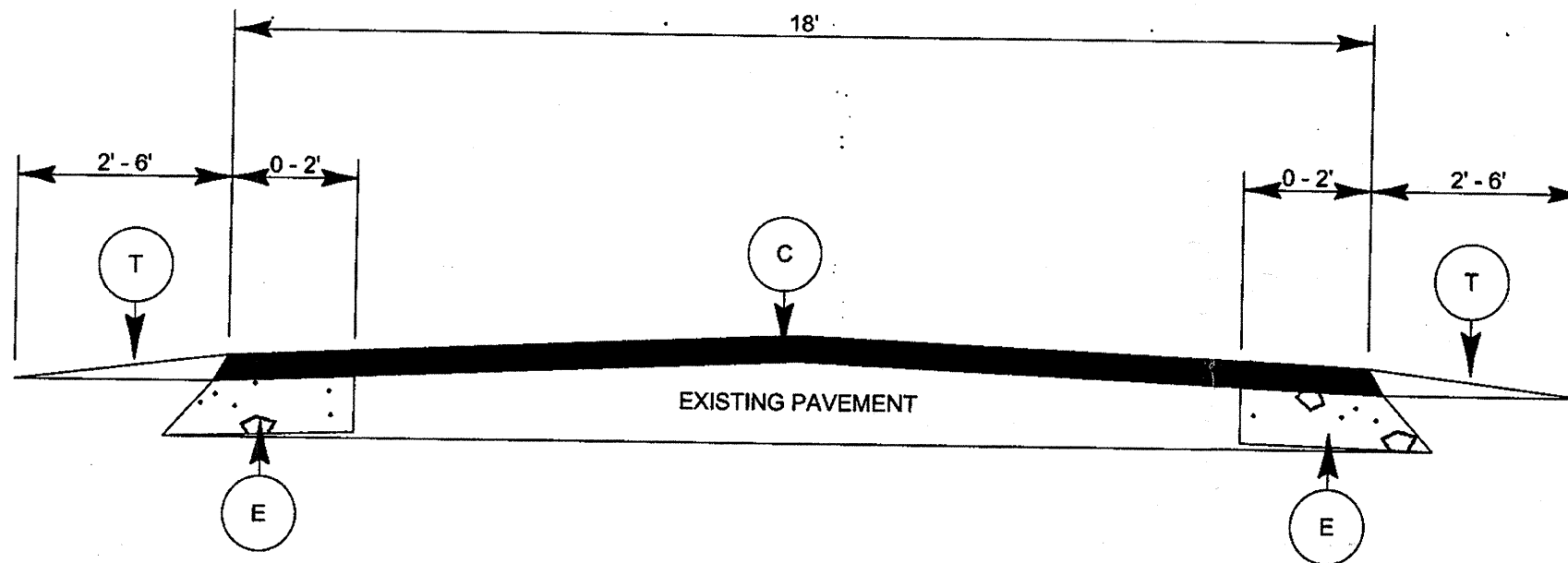
PAVEMENT SCHEDULE	
C	PROP. APPROX. 1 1/2" ACSC, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS PER SQ. YD.
C1	PROP. APPROX. 1 1/2" ACSC, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
E	PROP. APPROX. 6" ACBC, TYPE B25.0B, AT AN AVERAGE RATE OF 684 LBS. PER SQ. YD.
T	EARTH MATERIAL

SHOULDER RECONSTRUCTION ON SECONDARY ROADS IS TO BE DONE BY STATE FORCES.

PROJECT NO. 13CR.10571.4, 13CR.20571.4	SHEET NO. 5	TOTAL SHEETS 5
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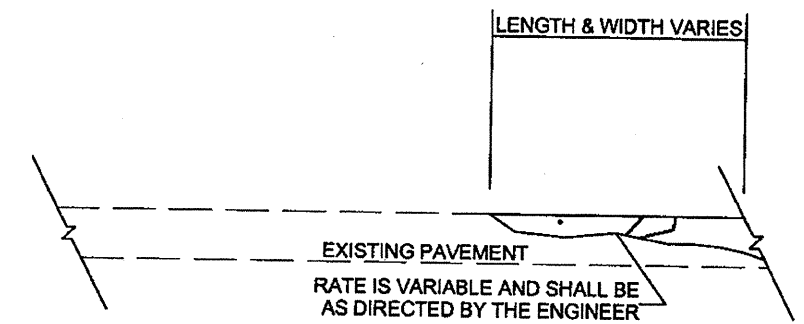
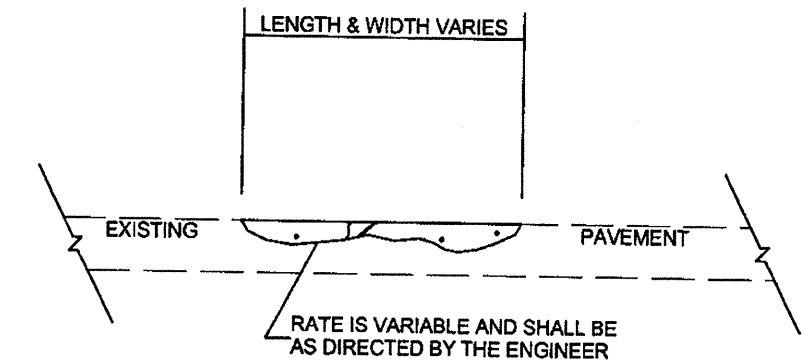


TYPICAL SECTION NO. 3

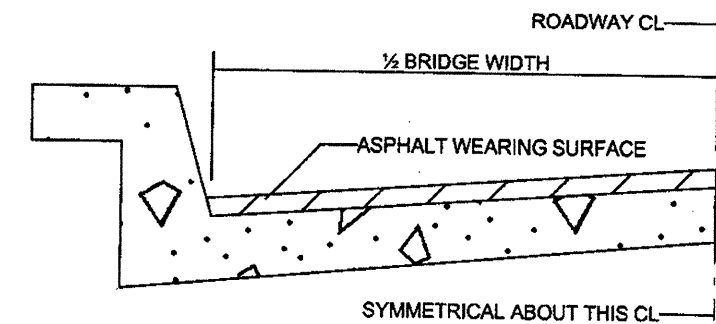


TYPICAL SECTION NO. 4

SHOULDER RECONSTRUCTION ON SECONDARY ROADS IS TO BE DONE BY STATE FORCES.



ASPHALT CONCRETE SURFACE COURSE



BRIDGE HALF TYPICAL SECTION

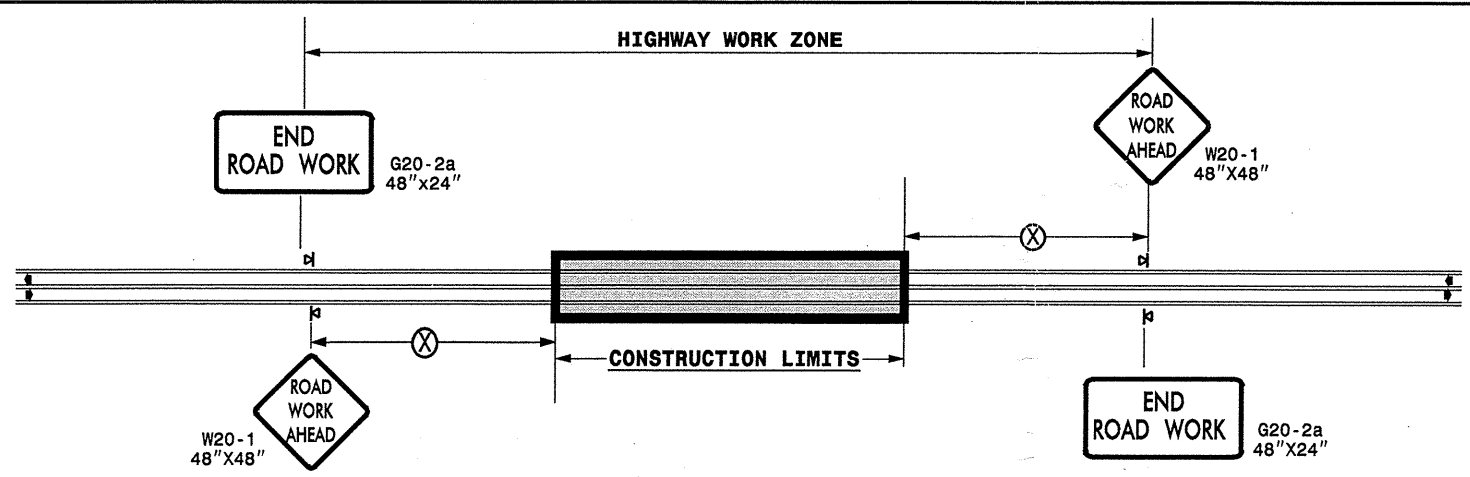
FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN.

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

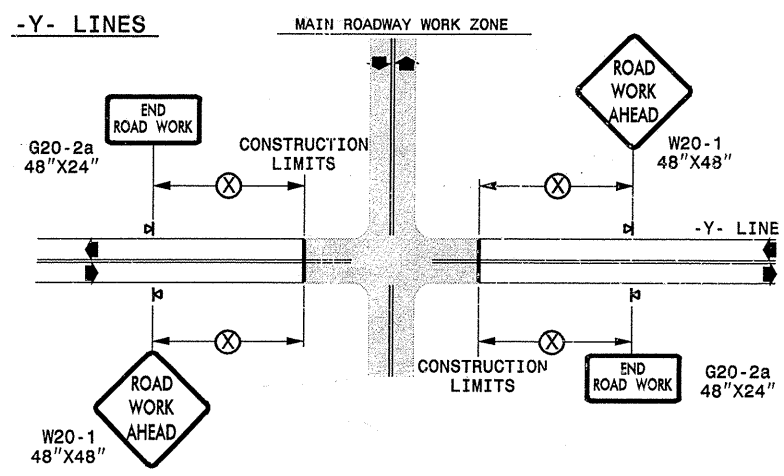
TWO-WAY UNDIVIDED ** (L-LINES)



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										
	DATE: _____										
	DWG. BY: _____										
	REVIEWED BY: _____										
		<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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01/01	11/04										

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