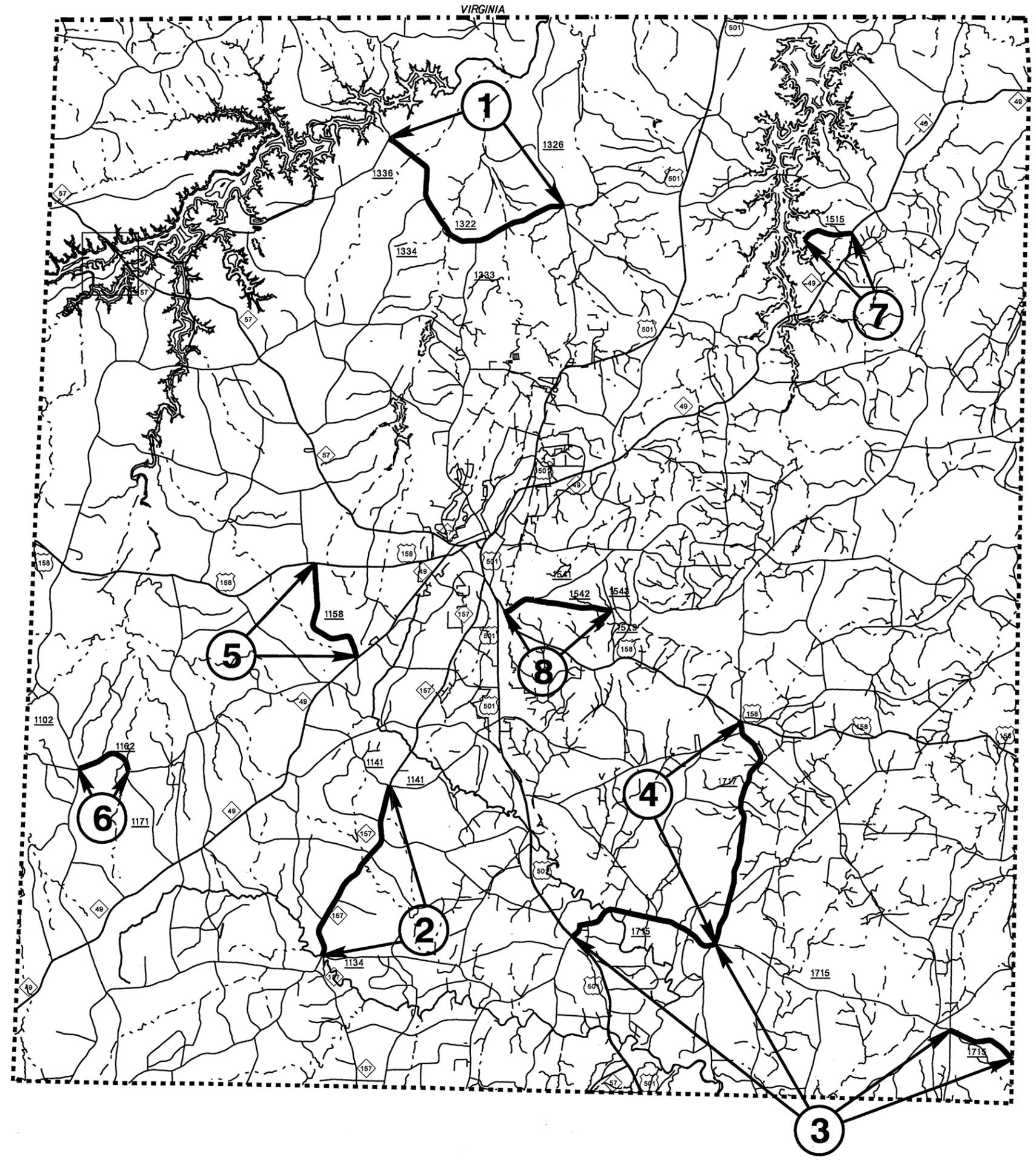
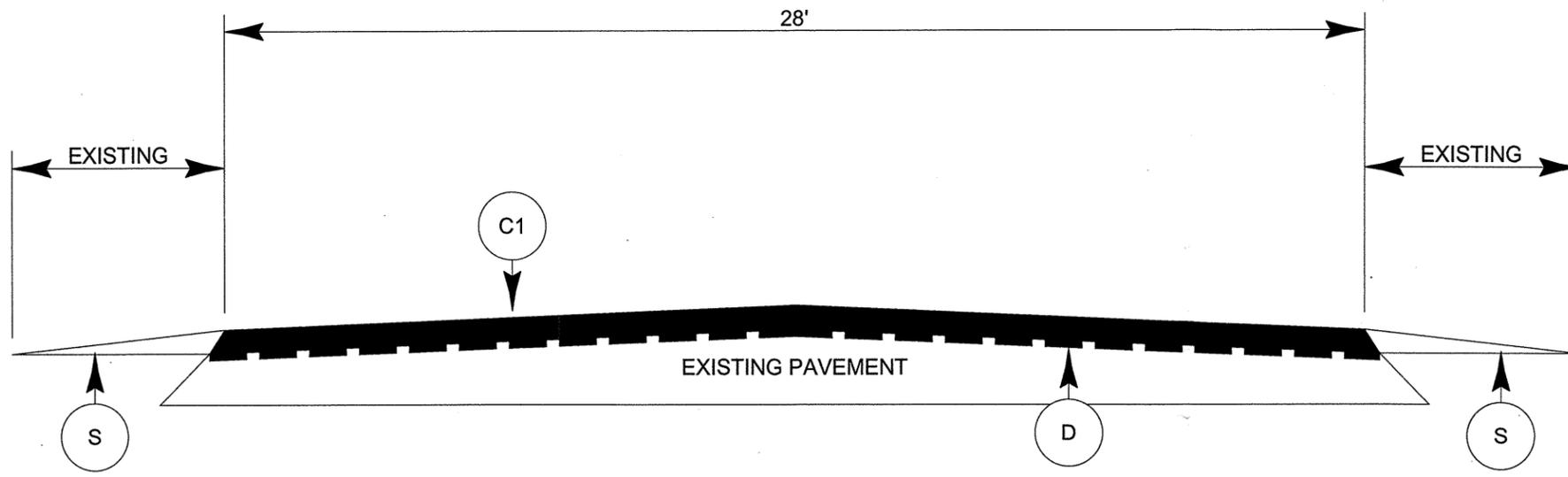


C201954

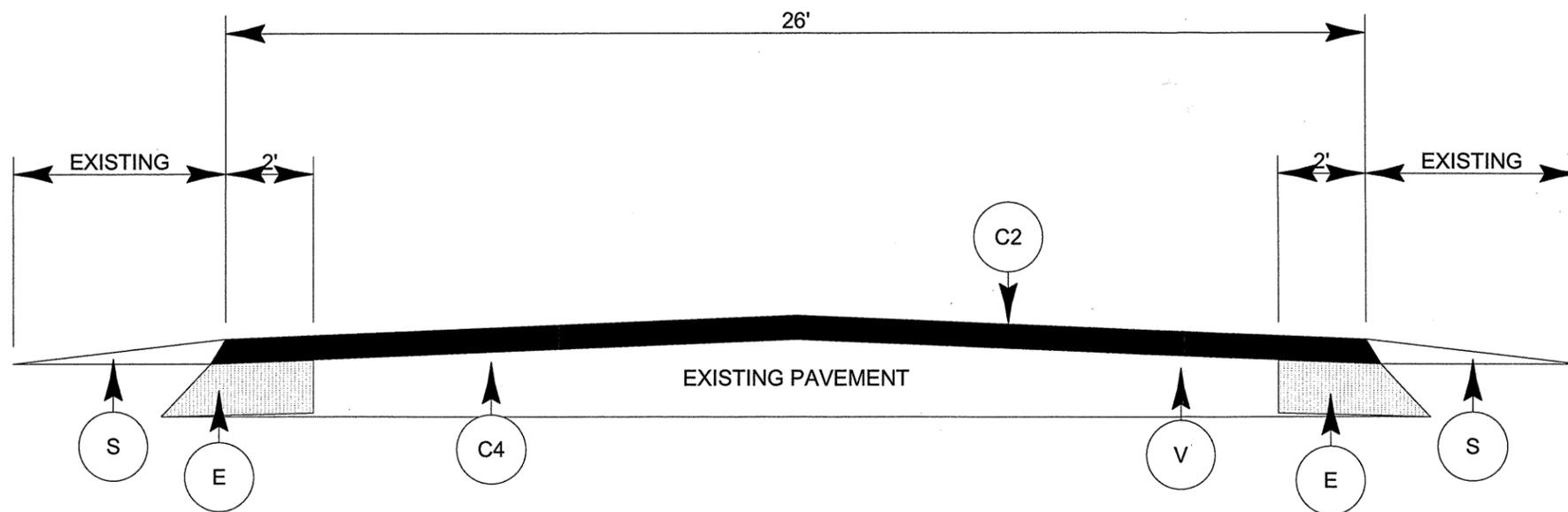
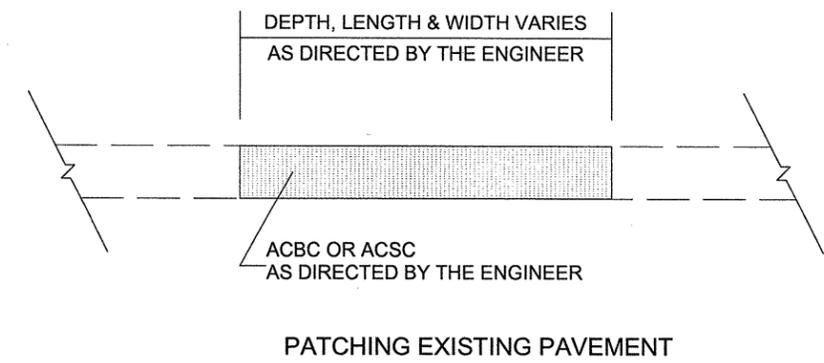
2008 PERSON COUNTY RESURFACING



PROJECT NO. 37651, 5CR.10731.6, 5CR.20731.6,	SHEET NO. 2	TOTAL SHEETS 4
--	-----------------------	--------------------------



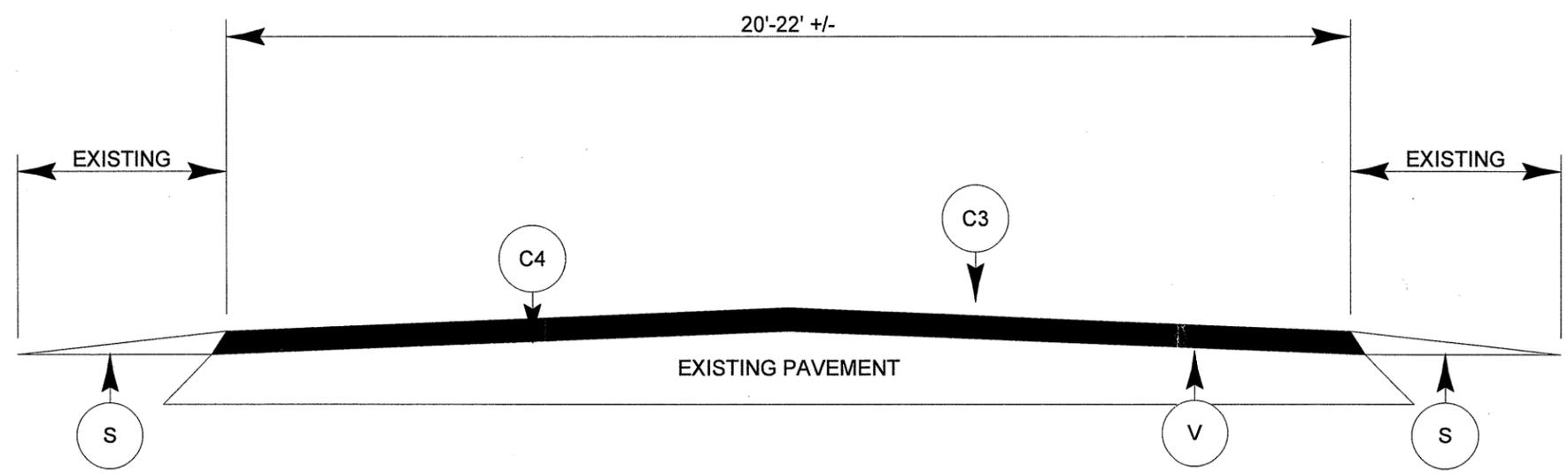
TYPICAL SECTION NO. 1



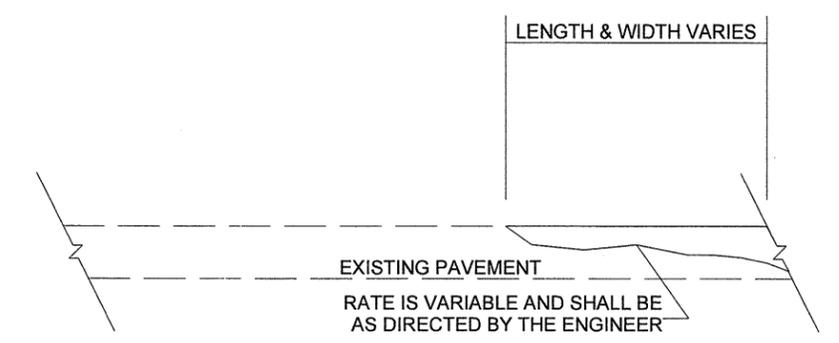
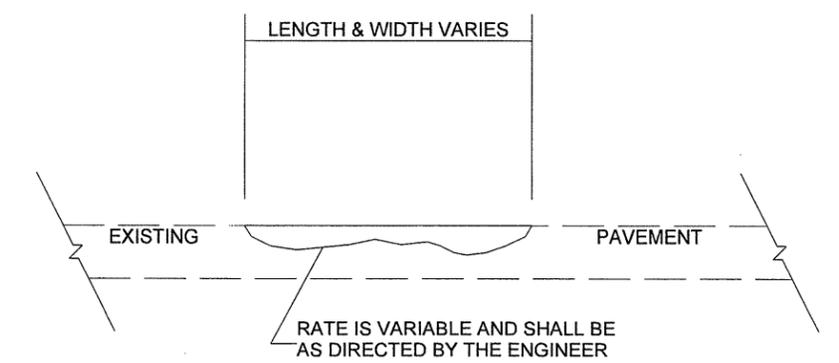
TYPICAL SECTION NO. 2

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT A RATE OF 168 LBS. PER SQ YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT A RATE OF 168 LBS. PER SQ YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT A RATE OF 165 LBS. PER SQ. YD.
C4	ASPHALT LEVELING COURSE, TYPE SF9.5A, AT A RATE OF 110 LBS. PER SQ. YD. PER INCH OF DEPTH.
D	PROP. APPROX. 3.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT A RATE OF 342 LBS. PER SQ YD.
E	PROP. APPROX. 10.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT A RATE OF 570 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
S	SHOULDER RECONSTRUCTION
V	VARIABLE DEPTH MILLING 0" - 1.5" DEPTH.

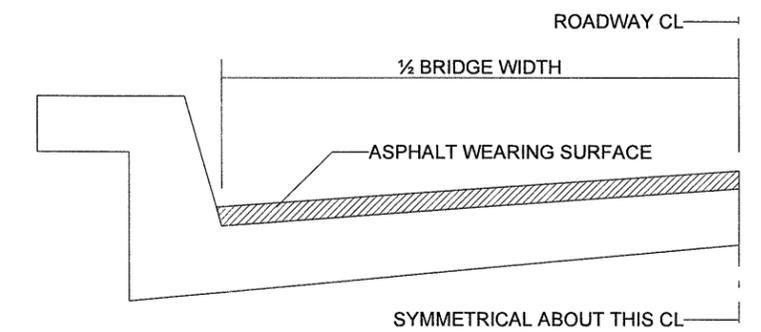
PROJECT NO. 37651, 5CR.10731.6, 5CR.20731.6,	SHEET NO. 3	TOTAL SHEETS 4
--	-----------------------	--------------------------



TYPICAL SECTION NO. 3



ASPHALT CONCRETE SURFACE COURSE
(LEVELING 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.

PROJECT NO.	SHEET NO.	TOTAL NO.
37651, 5CR.10731.6 5CR.20731.6,	4	4

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	0" TO 1.5" MILLING SY	INCIDENTAL MILLING SY	INTERMEDIATE COURSE, 119.0C TONS	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	SURFACE COURSE, SF9.5A TONS	BASE COURSE B25.0B TONS	LEVELING COURSE, TYPE SF9.5A TONS	PG 64-22 PLANT MIX TONS	PG 70-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	SEED & MULCHING AC
37651	Person	1	SR 1322 (EDWIN ROBERTSON RD)	FROM SR 1336 (MCGHEE'S MILL RD) TO SR 1326 (WOODSDALE RD)	1	4.8	28	144	9.6		900	16,689		6,852				784	411	600			7.20
TOTAL FOR PROJ NO. 37651						4.8		144	9.6		900	16,689		6,852				784	411	600			7.20
5CR.10731.6	Person	2	NC HWY 157	FROM THE BRIDGE JUST SOUTH OF SR 1134 TO SR 1141	2	3.75	22	125	7.5	250	658		4,973			6,364	125	580		350			9.40
TOTAL FOR PROJ NO. 5CR.10731.6						3.75		125	7.5	250	658		4,973			6,364	125	580		350			9.40
5CR.20731.6	Person	3	SR 1715(HELENA-MORIAH RD)	FROM US 501 TO GRANVILLE CO LINE	3	4.12	20	105	8.2	250	560				4,133		140	278		240			6.18
		4	SR 1717(SURL-MT TIRZAH RD)	FROM SR 1715 TO US 158	3	4.71	20	105	9.4		550				4,725		40	310		150			7.07
		5	SR 1158(BLALOCK DAIRY RD)	FROM NC 49 TO US 158	3	2.47	20	55	5		528				2,478		60	165		75			3.60
		6	SR 1162(HESTER STORE RD)	FROM SR 1102 TO SR 1171	3	1.25	22	30	2.5		125				1,129		30	75		65			1.80
		7	SR 1515(NEALS STORE RD)	FROM NC 49 TO DEAD END	3	1.03	20	40	2						1,033		80	73		20			1.50
		8	SR 1542(OLD ALLENSVILLE RD)	FROM US 158 TO SR 1543	3	2.2	20	43	4.4		253				2,207		70	148		80	1	1	3.30
TOTAL FOR PROJ NO. 5CR.20731.6						15.78		378	31.5	250	2016				15,705		420	1,049		630	1	1	23.45
GRAND TOTAL						24.33		647	48.6	500	3574	16,689	4,973	6,852	15,705	6,364	545	2,413	411	1,580	1	1	40.05

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E	4697000000-E	4705000000-E	4710000000-E	4721000000-E	4810000000-E	4830000000-E	4835000000-E	4840000000-N	4900000000-N
					4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	8" X 120 M WHITE THERMO LF	16" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO RXR 120 M EA	4" YELLOW PAINT LF	16" WHITE PAINT LF	24" WHITE PAINT LF	PAINT MSG RXR EA	YELLOW & YELLOW MARKERS EA
37651	Person	1	SR 1322 (EDWIN ROBERTSON RD)	FROM SR 1336 (MCGHEE'S MILL RD) TO SR 1326 (WOODSDALE RD)	51,648	43,200		100	72	4	50,688	100.00	72	4	317
TOTAL FOR PROJ NO. 37651					51,648	43,200		100	72	4	50,688	100	72	4	317
5CR.10731.6	Person	2	NC HWY 157	FROM THE ORANGE COUNTY LINE TO SR 1141	40,350	37,125									248
TOTAL FOR PROJ NO. 5CR.10731.6					40,350	37,125									248
5CR.20731.6	Person	3	SR 1715(HELENA-MORIAH RD)	FROM US 501 TO GRANVILLE CO LINE	43,590	37,080									272
		4	SR 1717(SURL-MT TIRZAH RD)	FROM SR 1715 TO US 158	50,680	42,390									311
		5	SR 1158(BLALOCK DAIRY RD)	FROM NC 49 TO US 158	26,577	26,400									163
		6	SR 1162(HESTER STORE RD)	FROM SR 1102 TO SR 1171	13,450	8,250									83
		7	SR 1515(NEALS STORE RD)	FROM NC 49 TO DEAD END	11,083	6,798	40								
		8	SR 1542(OLD ALLENSVILLE RD)	FROM US 158 TO SR 1543	23,672	19,800									145
TOTAL FOR PROJ NO. 5CR.20731.6					169,051	140,718	40								974
GRAND TOTAL					261,049	221,043	40	100	72	4	50,688	100	72	4	1,539

TWO LANE, TWO WAY WORK ZONE (L-LINES)

WBS Elements: 37651,
5CR.10911.7 & 5CR.20731.6

PROJ. REFERENCE NO. See to the left	SHEET NO. NCMA-1
--	---------------------

POSTED SPEED LIMIT (M.P.H.)	RECOMMENDED MINIMUM SIGN SPACING
P.S.L. ≤ 50	350'
P.S.L. ≥ 55	500'

*** ROAD WORK NEXT XX MILES** G20-1A 60"x24"

THIS SIGN TO BE USED ON PROJECTS LONGER THAN 2 MILES
THE NUMBER DISPLAYED ON THE SIGN IS TO BE A WHOLE NUMBER ROUNDED UP TO THE NEXT MILE
IT'S TO BE LOCATED 1,500 FEET INSIDE OF THE CONSTRUCTION LIMITS

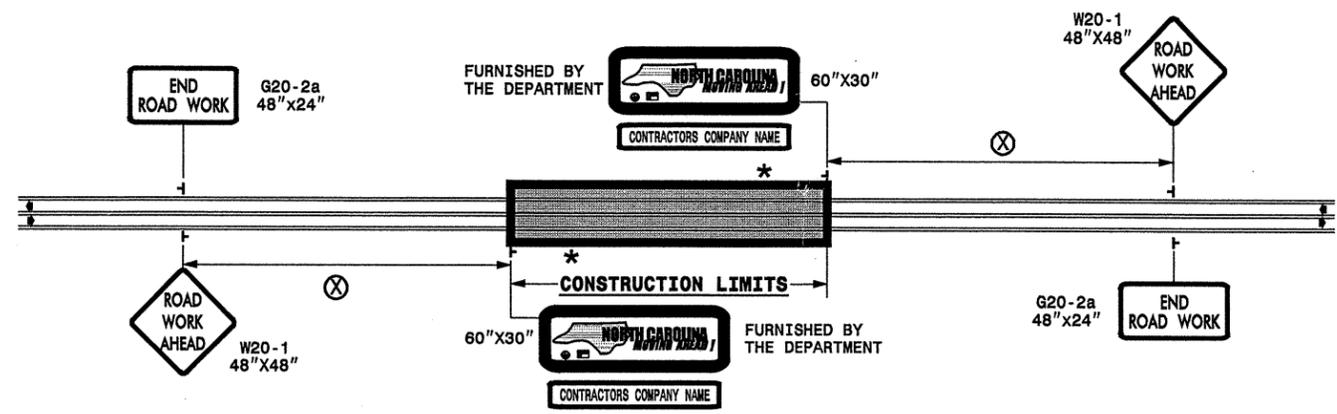
FURNISHED BY THE DEPARTMENT



60"x30"

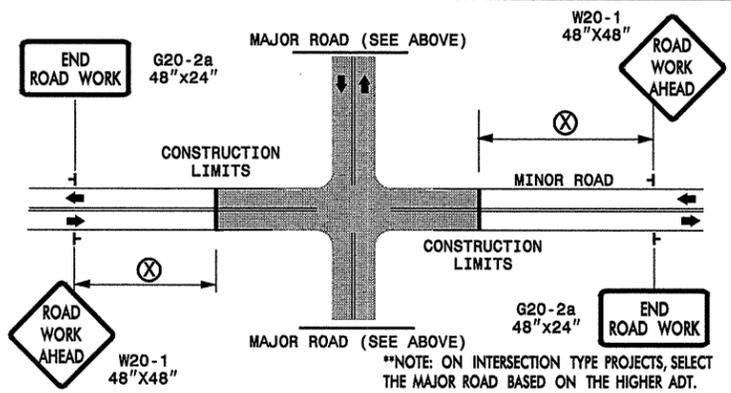
CONTRACTORS COMPANY NAME

60" Max. X 12"



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

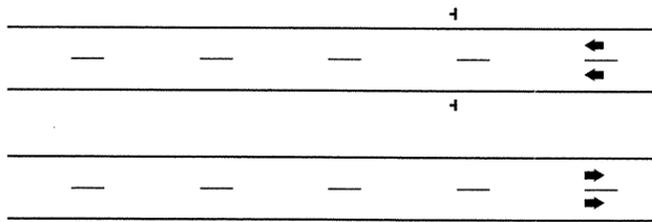
INTERSECTIONS (-Y- LINES)



FREEWAYS / INTERSTATES

DUAL MOUNT "ROAD WORK AHEAD" SIGNS 1,000' IN ADVANCE OF PROJECT LIMITS

DUAL MOUNT "MOVING AHEAD" SIGNS 500' IN ADVANCE OF PROJECT LIMITS



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.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT OVERNIGHT. FOR SHORT-TERM DAILY MAINTENANCE TYPE OPERATIONS, THIS SIGNING APPLICATION IS OPTIONAL; MAY USE ONLY APPLICABLE ROADWAY STANDARD DRAWINGS INSTEAD. HOWEVER, IF THIS SIGNING APPLICATION IS USED, SIGNS MAY BE PORTABLE MOUNTED. 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.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE 3LB STEEL U-CHANNEL POST OR 4" X 4" WOOD POST FOR ALL WORK ZONE SIGNS. 3LB STEEL U-CHANNEL POSTS MUST MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 1094-1(B), MAY BE GALVANIZED STEEL, OR MAY BE PAINTED GREEN BY THE POST MANUFACTURER. SQUARE STEEL TUBING POSTS HAVING EQUIVALENT STRENGTH OF THE 3 LB STEEL U-CHANNEL POST ARE ALSO ACCEPTABLE FOR USE. ERECT SIGNS PER ROADWAY STANDARD DRAWING 1110.01. PAYMENT FOR WOOD POSTS, 3LB STEEL U-CHANNEL AND SQUARE STEEL TUBING POSTS WITH SIGNS WILL BE MADE ACCORDING TO STANDARD SPECIFICATION "WORK ZONE SIGNS" SECTION 1110.
- WHEN NECESSARY, USE SPLICING IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1110.01. REMOVE ENTIRE POST WHEN REMOVING SIGNS WITH SPLICED POSTS.
- DO NOT BACK BRACE SIGN SUPPORTS.

LEGEND

┆ STATIONARY SIGN

◀ DIRECTION OF TRAFFIC FLOW

DETAIL DRAWING FOR ADVANCE
 WARNING WORK ZONE SIGNS

SHEET 1 OF 1

APPROVED: _____ DATE: _____

SEAL

ADVANCE WARNING WORK ZONE SIGNS FOR "MOVING AHEAD"	
SCALE: NONE	REVISIONS
DATE: 07/03	11/04
DWG. BY: JSK	12/04
DESIGN BY: JSK	
REVIEWED BY: SK	