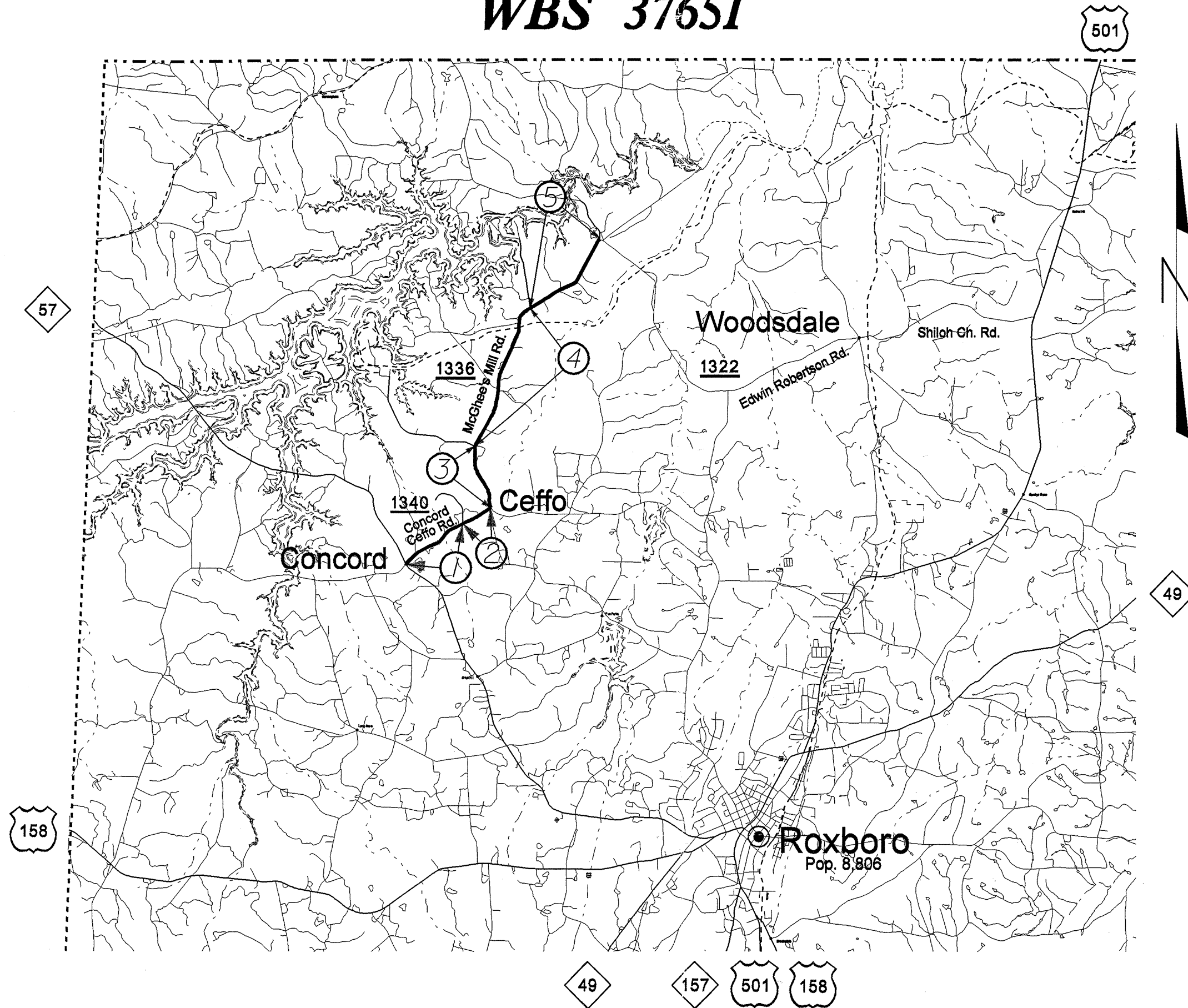


MA05012R

WBS 37651

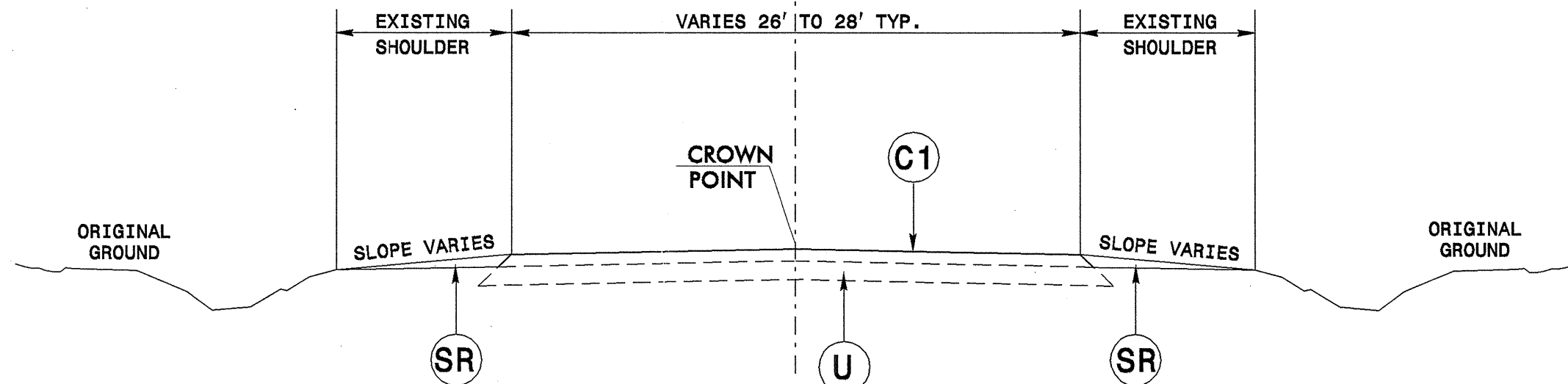
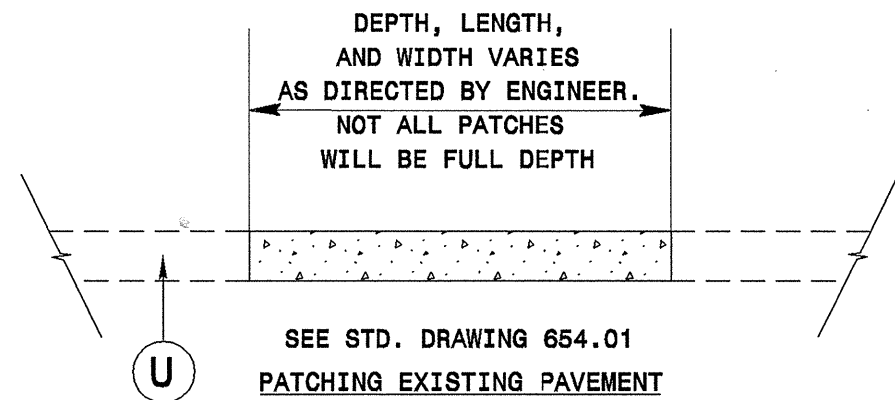
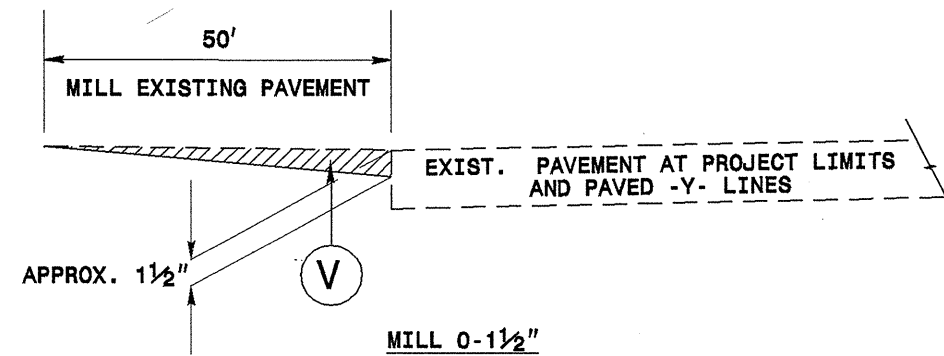


NOTES

ALL UNPAVED S.R. ROADS TO BE RESURFACED 50' FROM EDGE OF PAVEMENT OF THE 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, AND INTERSECTIONS ARE INCLUDED IN THE TABLE OF QUANTITIES.



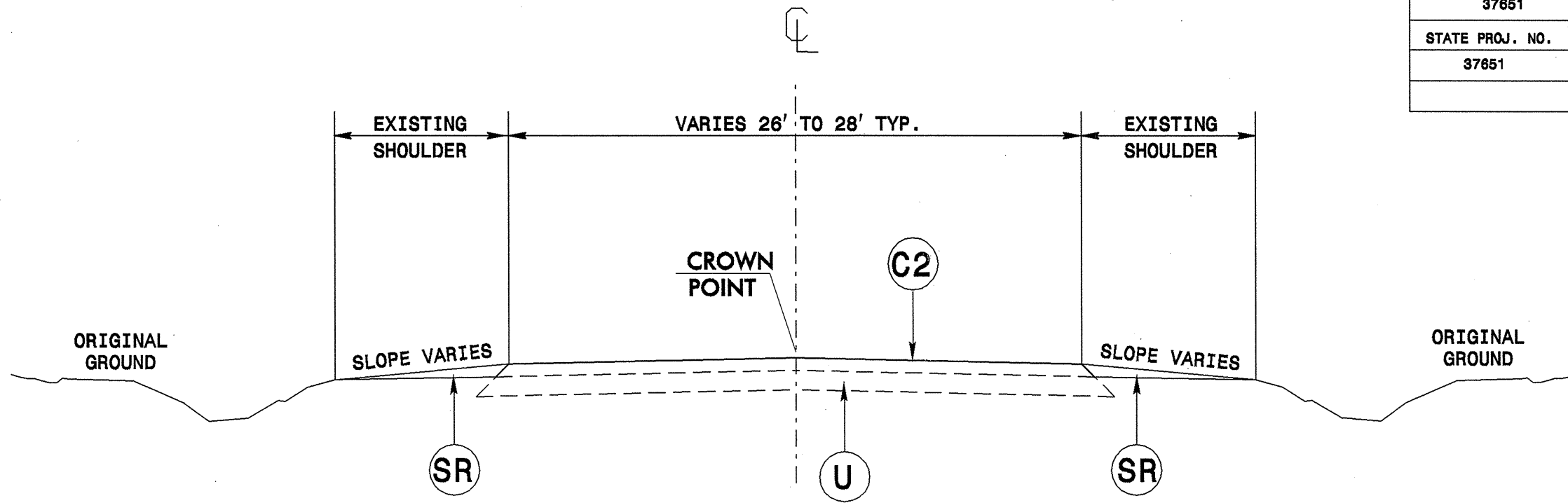
TYPICAL NO. 1

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
37651	1	2
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
37651		MA05012R

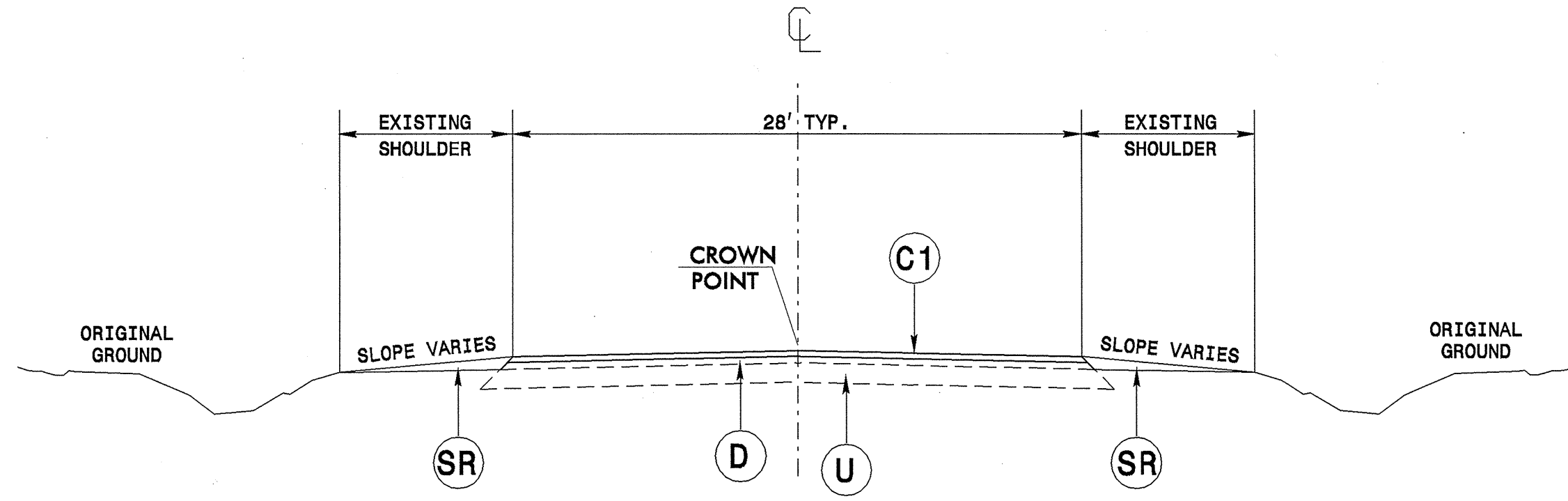
PAVEMENT SCHEDULE

C1	PROP. APPROX. 3.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
SR	SHOULDER RECONSTRUCTION.
U	EXISTING PAVEMENT.
V	INCIDENTAL MILLING.

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
37651	2	2
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
37651		MA05012R



TYPICAL NO. 2



TYPICAL NO. 3

PROJECT NO.	SHEET NO.	TOTAL NO.
37651		

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	INCIDENTAL MILLING SY	INTERMEDIATE COURSE, 119.0C TONS	SURFACE COURSE, S9.5C TONS	PG 64-22 PLANT MIX TONS	PG 70-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	GR ANCHOR UNIT - TYPE 350 EA	SEED & MULCHING AC
37651	Person	1	SR 1340 CONCORD CEFFO RD	FROM NC 57 TO SR 1394 ARCHIE CLAYTON RD	1	0.9	26	36	1.8	300		2,398		144	100		1.35
		2	SR 1340 CONCORD CEFFO RD	FROM SR 1394 ARCHIE CLAYTON RD TO SR 1336 MCGHEE'S MILL RD	2	0.4	26	16	0.8	300		530		32			0.60
		3	SR 1336 MCGHEE'S MILL RD	FROM SR 1340 CONCORD CEFFO RD TO SR 1377 DUNNAWAY RD	2	0.9	28	36	1.8			1,285		77	100		1.35
		4	SR 1336 MCGHEE'S MILL RD	FROM SR 1377 DUNNAWAY RD TO SR 1328 CP&L ACCESS RD	3	2	28	80	4.0	600	4,858	2,827	228	170	100	4	3.00
		5	SR 1336 MCGHEE'S MILL RD	FROM SR 1328 CP&L ACCESS RD TO SR 1336 EDWIN ROBERTSON RD	1	1.3	28	65	2.6	300		3,728		224	100		1.95
TOTAL FOR PROJ NO. 37651						5.5		233	11.0	1,500	4,858	10,768	228	647	400	4	8.25
GRAND TOTAL						5.5		233	11.0	1,500	4,858	10,768	228	647	400	4	8.25

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E	4810000000-E	4900000000-N
					4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	4" YELLOW PAINT LF	YELLOW & YELLOW MARKERS EA
37651	Person	1	SR 1340 CONCORD CEFFO RD	FROM NC 57 TO SR 1394 ARCHIE CLAYTON RD	9,684	9,504	9,504	59
		2	SR 1340 CONCORD CEFFO RD	FROM SR 1394 ARCHIE CLAYTON RD TO SR 1336 MCGHEE'S MILL RD	4,304	4,224		26
		3	SR 1336 MCGHEE'S MILL RD	FROM SR 1340 CONCORD CEFFO RD TO SR 1377 DUNNAWAY RD	9,684	9,504	9,504	59
		4	SR 1336 MCGHEE'S MILL RD	FROM SR 1377 DUNNAWAY RD TO SR 1328 CP&L ACCESS RD	21,520	21,120	21,120	
		5	SR 1336 MCGHEE'S MILL RD	FROM SR 1328 CP&L ACCESS RD TO SR 1336 EDWIN ROBERTSON RD	13,988	13,728	13,728	86
TOTAL FOR PROJ NO. 37651					59,180	58,080	53,856	231
GRAND TOTAL					59,180	58,080	53,856	231

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

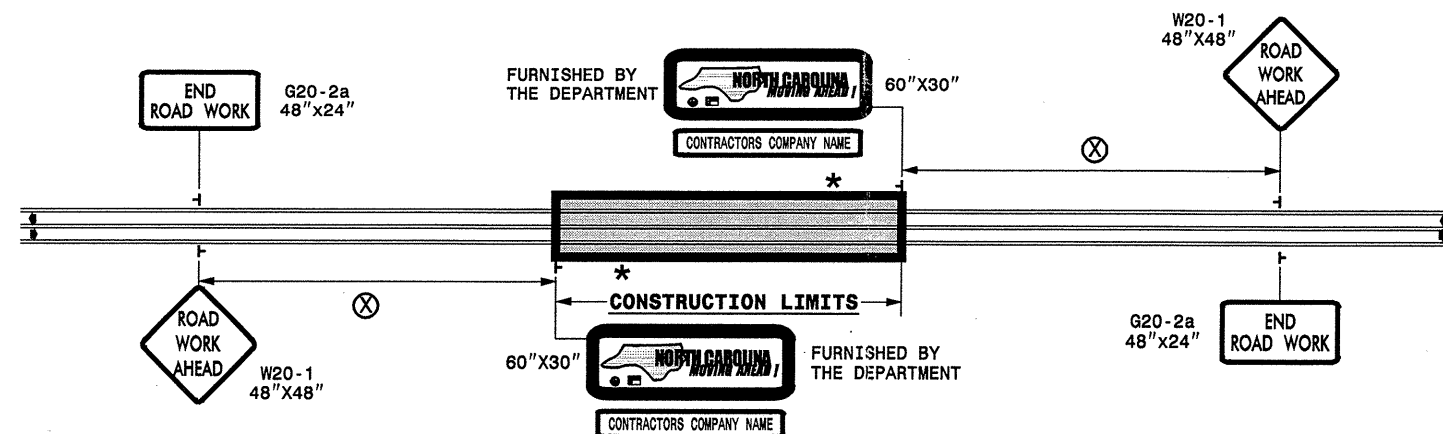
FURNISHED BY THE DEPARTMENT



60"X30"

CONTRACTORS COMPANY NAME

60" Max. X 12"



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

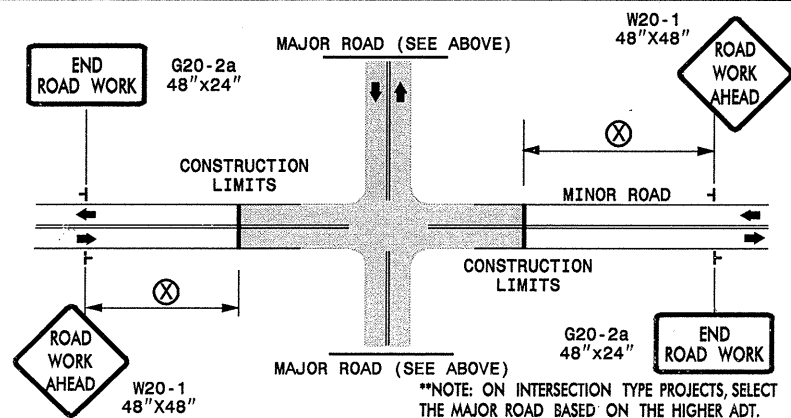
*** ROAD WORK NEXT XX MILES** G20-1A 60"X24"

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

PROJ. REFERENCE NO. WBS 37651	SHEET NO. NCMA-1
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STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

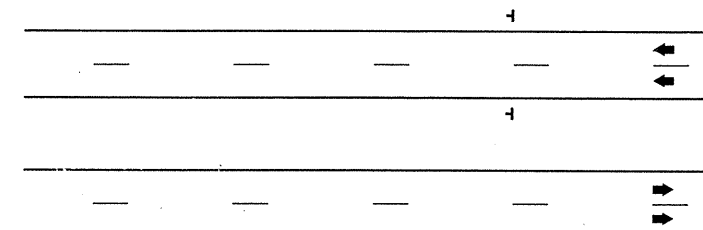
INTERSECTIONS (-Y- LINES)



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