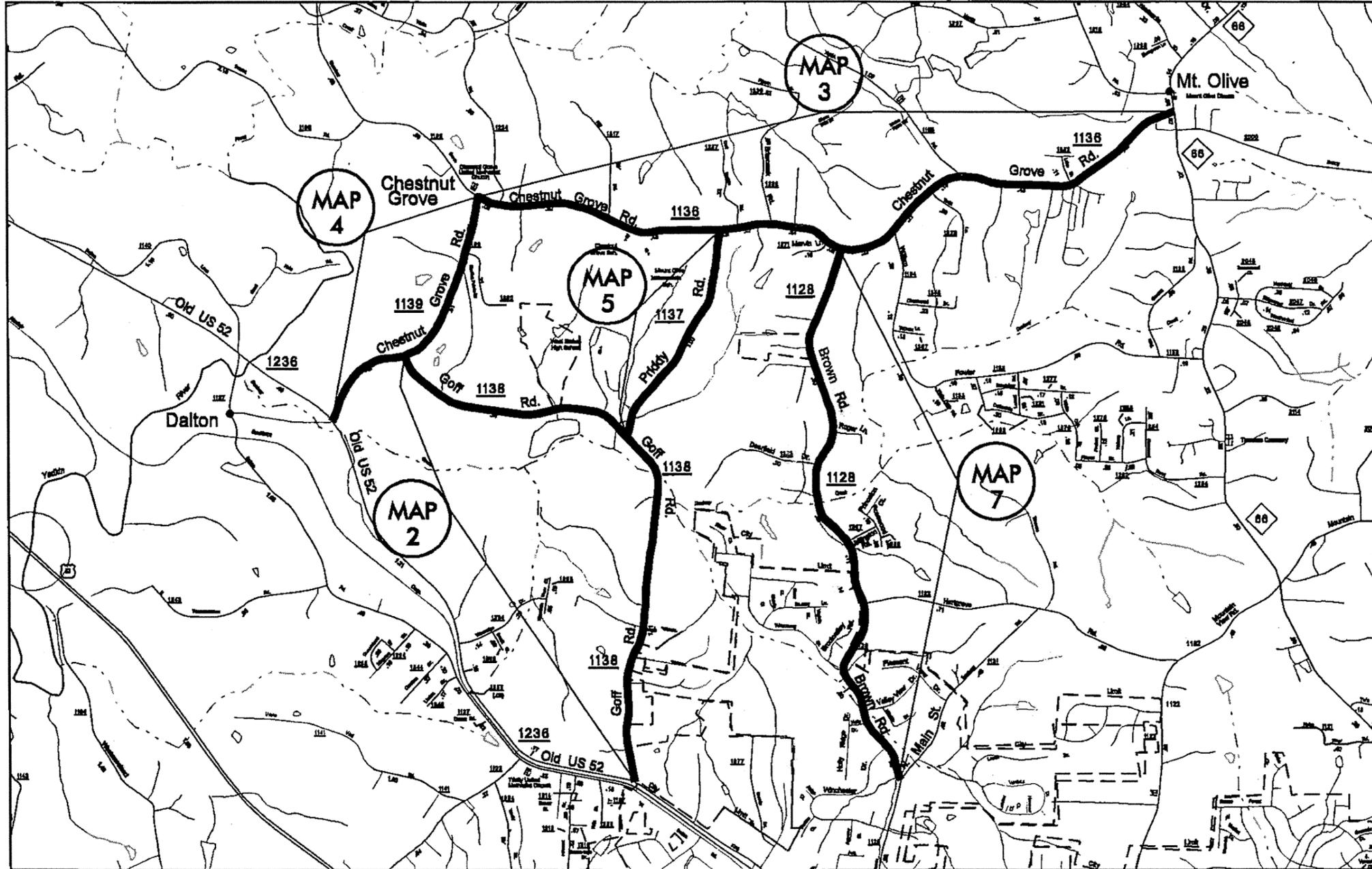


NOTE:
MAP 8 - MILL WHOLE ROAD 1/2"

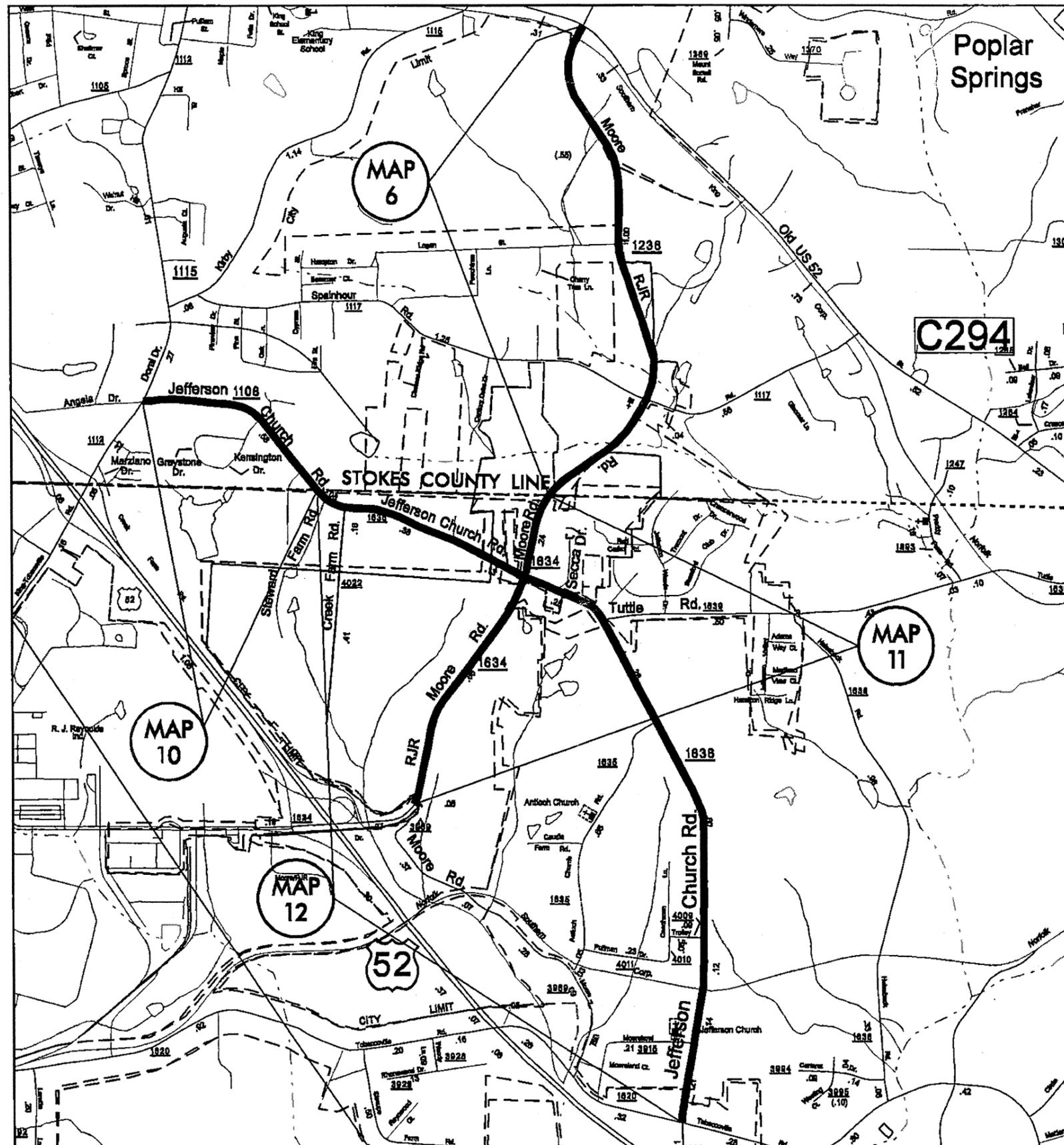
MAP 1
MAP 8



- MAP 2
- MAP 3
- MAP 4
- MAP 5
- MAP 7

STOKES COUNTY
NORTH CAROLINA

SHEET NO. 3
STOKES COUNTY
9CR.10851.7
9CR.20851.7
FORSYTH COUNTY
9CR.20341.7

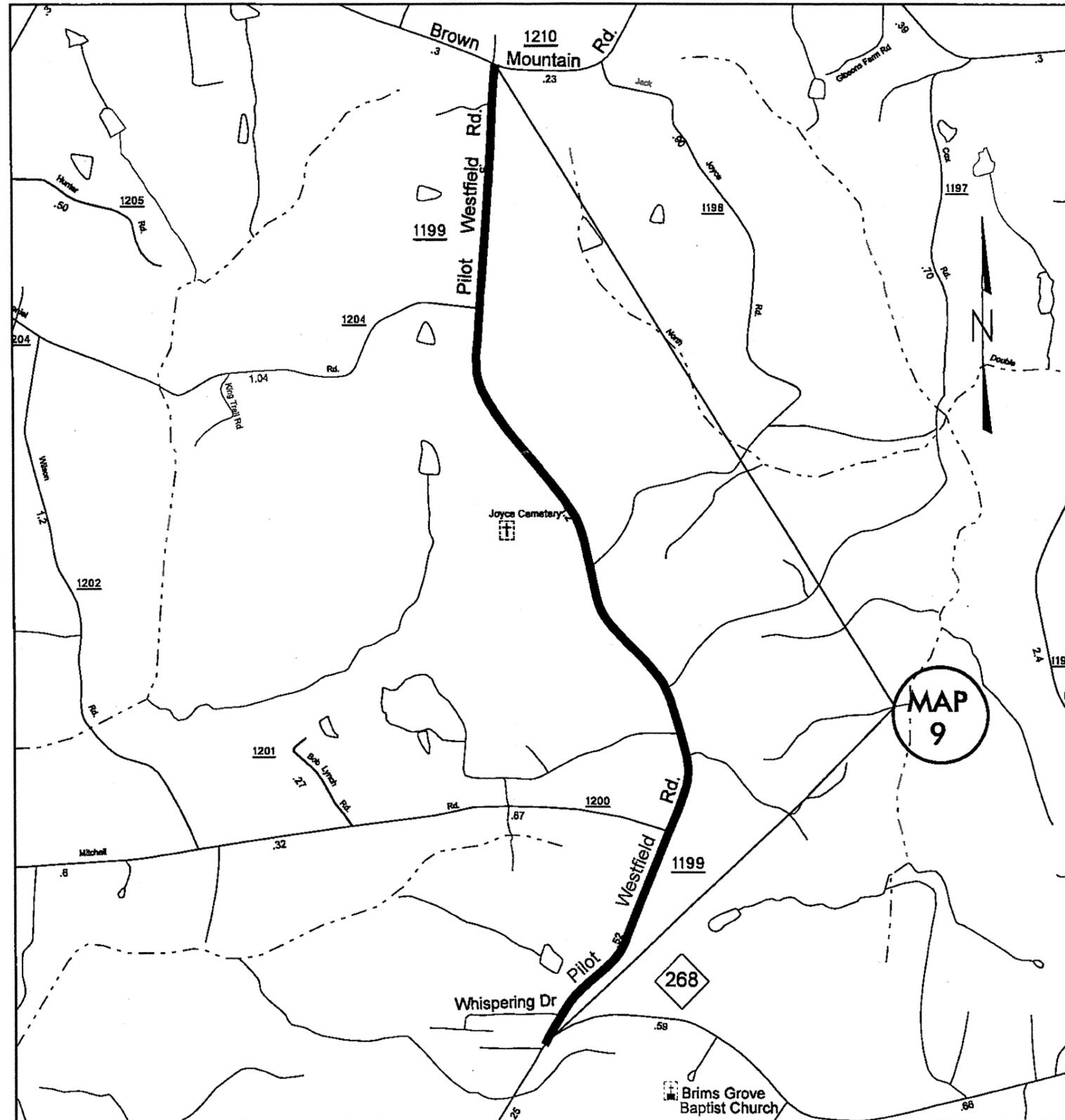


NOTE:
MAPS 6 & 11 -
NO MILLING
PINCH ASPHALT AT GUTTER

MAP 6
MAP 10
MAP 11
MAP 12

STOKES COUNTY

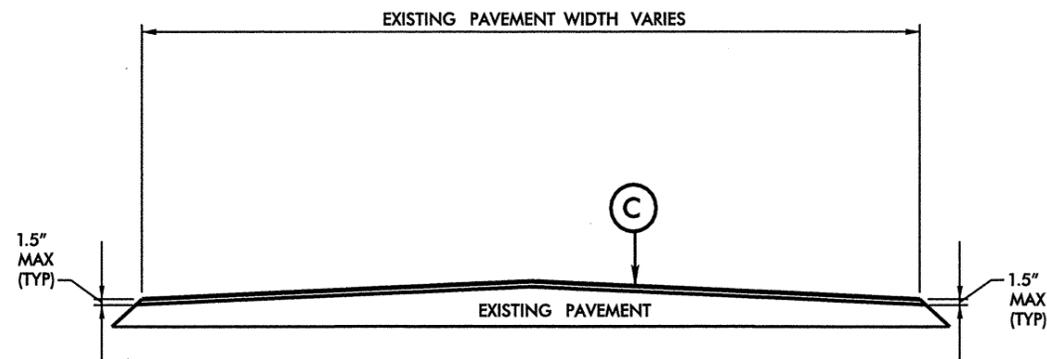
NORTH CAROLINA



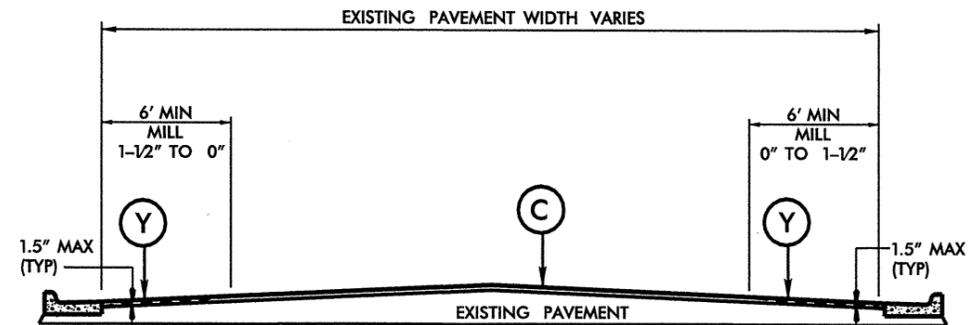
MAP 9

STOKES COUNTY

NORTH CAROLINA

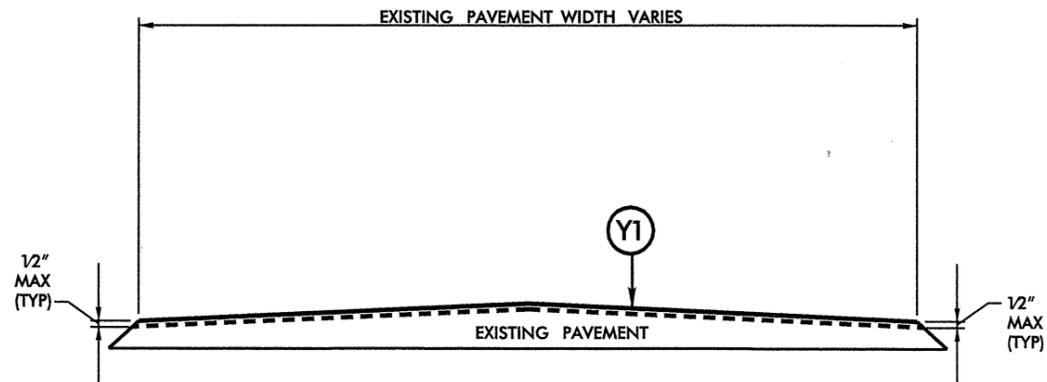


TYPICAL SECTION NO. 1
MAP NO. 1 MAP NO. 7
MAP NO. 2 MAP NO. 8
MAP NO. 3 MAP NO. 9
MAP NO. 4 MAP NO. 10
MAP NO. 5 MAP NO. 11
MAP NO. 6 MAP NO. 12



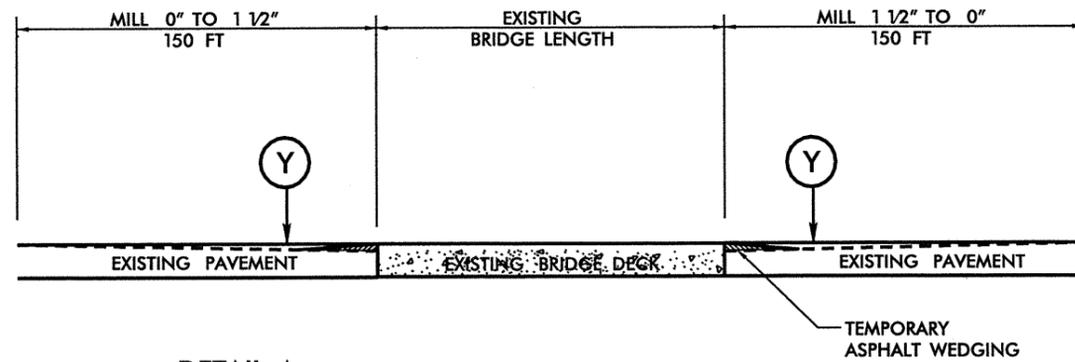
TYPICAL SECTION NO. 2
MAP NO. 1
MAP NO. 5

NOTE:
 All CURB AND GUTTER IS EXISTING

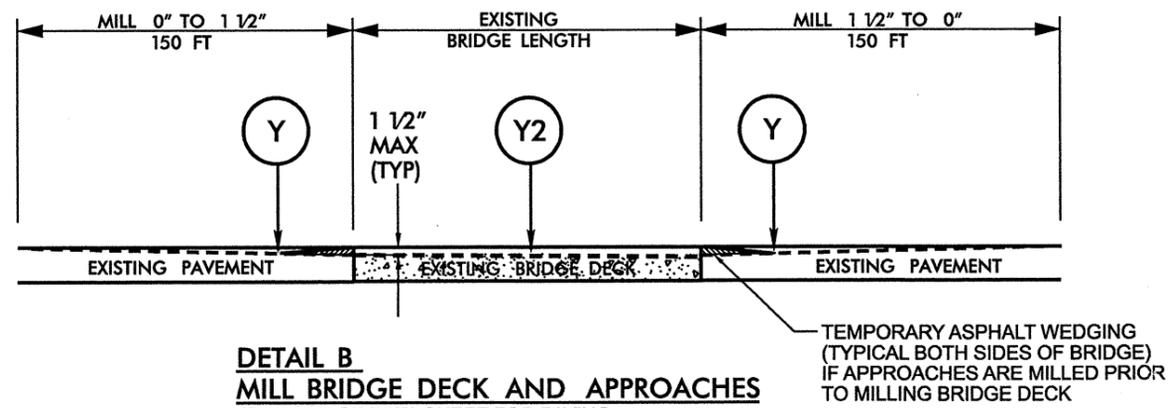


TYPICAL SECTION NO. 3 (MILLING)
MAP NO. 8

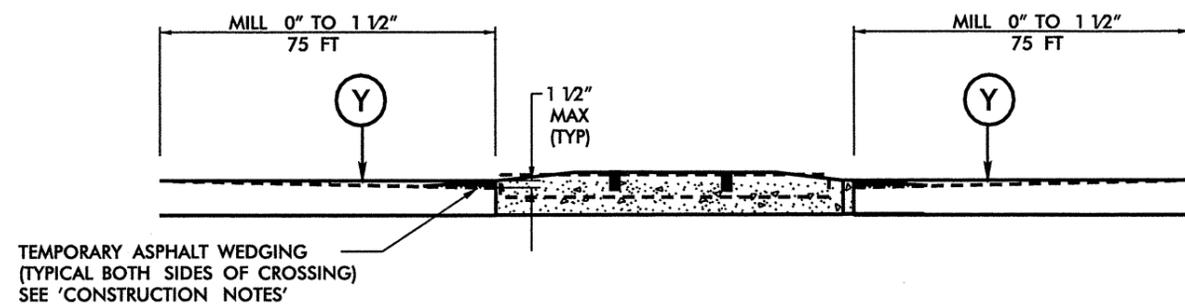
PAVEMENT SCHEDULE	
C	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD
Y	MILL ASPHALT PAVEMENT, 0" TO 1.5" DEPTH
Y1	MILL ASPHALT PAVEMENT, 1/2" DEPTH
Y2	MILL ASPHALT PAVEMENT, 1 1/2" DEPTH



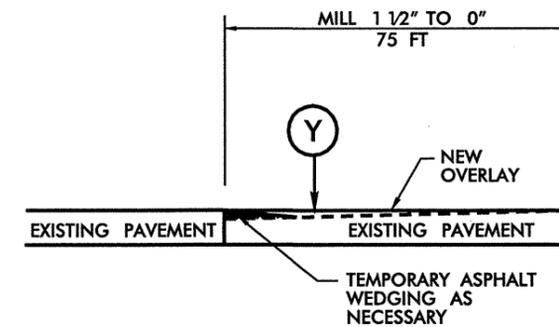
DETAIL A
MILL BRIDGE APPROACH
MAP NO. 1



DETAIL B
MILL BRIDGE DECK AND APPROACHES
 (SEE BRIDGE DATA SHEET FOR PAVING INSTRUCTIONS)
MAP NO. 2

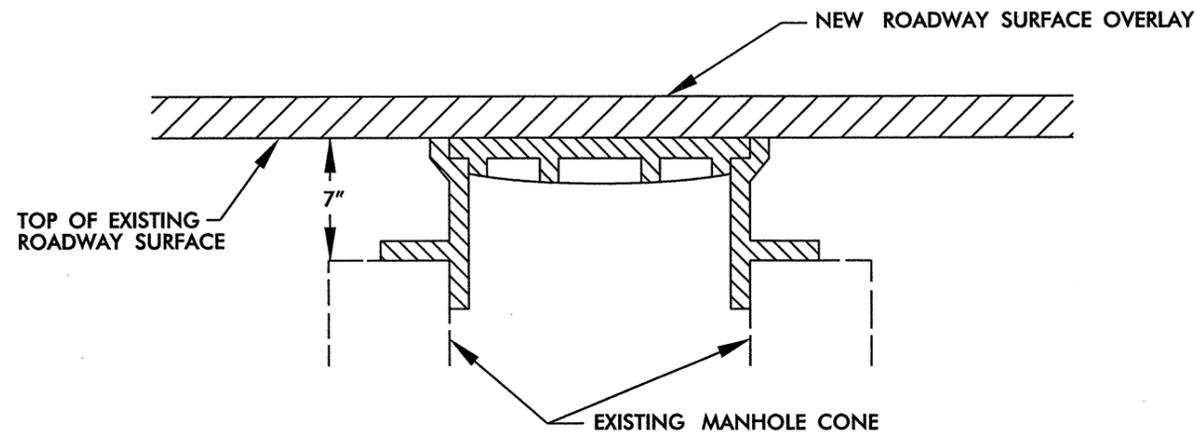


DETAIL C
MILLING RAILROAD CROSSING APPROACHES

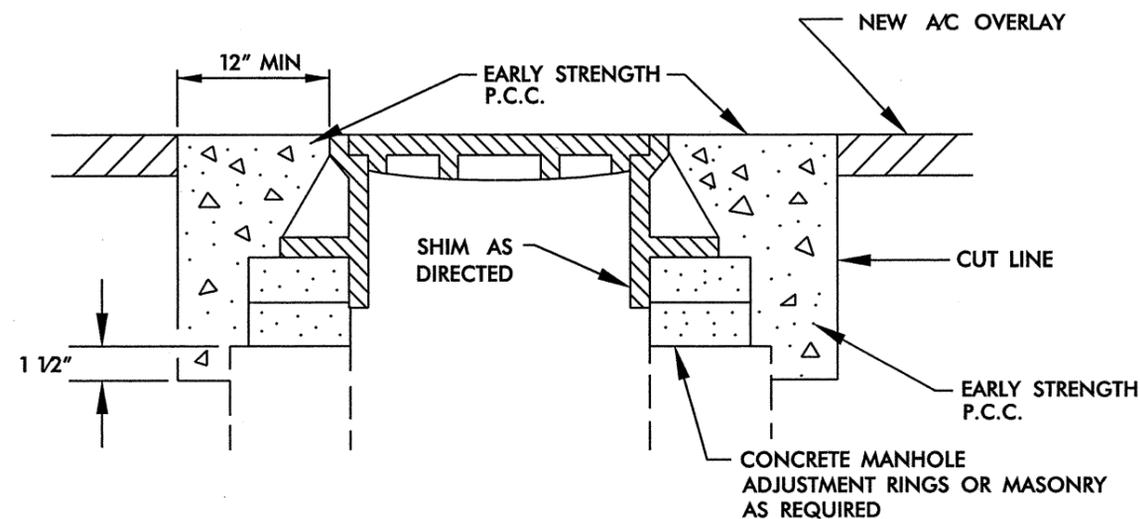


MILLED TIE-IN DETAIL
MILLED PAVEMENT JOINT AT END OF MAPS

PAVEMENT SCHEDULE	
C	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD
Y	MILL ASPHALT PAVEMENT, 0" TO 1.5" DEPTH
Y1	MILL ASPHALT PAVEMENT, 1/2" DEPTH
Y2	MILL ASPHALT PAVEMENT, 1 1/2" DEPTH



STEP 1



STEPS 2,3, & 4

- STEP 1 COVER EXISTING MANHOLE WITH APPROVED MATERIAL AND CONSTRUCT OVERLAY ACROSS TOP OF MANHOLE
- STEP 2 SAW CUT EXCAVATION AROUND MANHOLE 12" MIN. FROM MANHOLE FRAME.
- STEP 3 RAISE MANHOLE FRAME RINGS TO FINISH PAVEMENT PROFILE AND CROSS SLOPE.
- STEP 4 BACKFILL WITH EARLY STRENGTH P.C.C. TO DEPTHS AS DIRECTED.

MANHOLE ADJUSTMENT DETAIL

CONSTRUCTION NOTES:

1. ALL QUANTITIES ARE "ESTIMATED" AS INDICATED IN THE "SUMMARY OF QUANTITIES".
2. CONSTRUCTION SHALL PROGRESS IN PHASES, IN THE ORDER INDICATED BELOW:
 - PHASE 1 - MILLING AND PATCHING (WHEN REQUIRED)
 - PHASE 2 - SURFACE OVERLAY
 - PHASE 3 - SHOULDER RECONSTRUCTION (AS NEEDED AND DIRECTED BY ENGINEER)
 - PHASE 4 - UTILITY ADJUSTMENTS (MANHOLE RING/COVER, VALVE/METER BOX RING/COVER, CATCH BASIN GRATE/COVER, DROP INLET GRATE/COVER, ETC.) WHEN REQUIRED.
3. BRIDGES THAT HAVE FLOOR DRAINS, SHALL HAVE ALL FLOOR DRAINS LEFT OPEN. EXTRA CARE SHALL BE EXERCISED IN MILLING (IF REQUIRED) AND IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE.
4. TEMPORARY ASPHALT WEDGING SHALL BE PLACED ON THE SAME DAY THAT BRIDGE AND/OR RAILROAD APPROACHES ARE MILLED (AND IF APPROACHES ARE MILLED PRIOR TO BRIDGE DECK).
5. FOR TWO-LANE ROADWAYS - IT SHALL BE UNDERSTOOD THAT TYPICALLY ON A ROADWAY MEASURING 20 FEET OR LESS IN WIDTH, THE CENTER OF THE WHITE EDGELINE SHALL BE LOCATED SIX INCHES FROM THE EDGE OF PAVEMENT ON EITHER SIDE OF THE ROADWAY; ON A ROADWAY MEASURING 22 FEET IN WIDTH, TRAVEL LANES SHALL MEASURE 10 FEET FROM THE EDGE OF PAVEMENT ON EITHER SIDE; ON A ROADWAY MEASURING 24 FEET IN WIDTH, TRAVEL LANES SHALL MEASURE 11 FEET AND THE WHITE EDGELINE SHALL BE LOCATED ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE; ON A ROADWAY MEASURING 26 FEET OR MORE IN WIDTH, TRAVEL LANES SHALL MEASURE 12 FEET AND THE WHITE EDGELINE SHALL BE LOCATED NO LESS THAN ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE. THIS SHALL BE STANDARD PRACTICE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
6. PAPER JOINTS ARE TO BE PLACED BETWEEN DAYS OF PAVING OPERATIONS AS SPECIFIED IN THE STANDARD SPECIFICATIONS SECTION 610-11.
7. ALL MILLED AREAS WILL BE PAVED WITHIN 72 HOURS UNLESS APPROVED BY THE ENGINEER.
8. REPLACE ANY PORTION OF STOP BARS AND OTHER PAVEMENT MARKINGS AT ANY INTERSECTION INCLUDING Y-LINES NOT ACTUALLY BEING PAVED OVER, THAT ARE OBLITERATED BY THE PAVING OPERATION EITHER BY HAULING WHEEL TRACKS OR TACK TRUCK BY THE END OF EACH RESURFACING OPERATION

PROJECT NO.	SHEET NO.	TOTAL NO.
9CR.10851.7, 9CR.20851.7 9CR.20341.7,	8	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	BORROW EXCAVATION CY	SHOULDER RECONSTRUCTION SMI	INCIDENTAL STONE BASE TONS	1/2" MILLING SY	1 1/2" MILLING SY	0" TO 1 1/2" MILLING SY	SURFACE COURSE, S9.5B TONS	PG 64-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	MANHOLES EA	METER OR VALVE BOX EA	
9CR.10851.7	Stokes	1	NC 89 AND US 311	FROM NC 65 PVT JOINT AT COVE GRILL TO NC 8	1,2	NO	6.76	24	270	13.52	670			12,057	8,869	532	20	20	14	
TOTAL FOR MAP NO. 1							6.76			13.52	670			12,057	8,869	532	20	20	14	
TOTAL FOR PROJ NO. 9CR.10851.7							6.76		270	13.52	670			12,057	8,869	532	20	20	14	
9CR.20851.7	Stokes	2	SR 1138 GOFF ROAD	FROM SR 1139 CHESTNUT GROVE ROAD TO SR 1236 OLD 52	1	NO	2.268	24	90	4.54	130		335	1,340	3,002	180	20	1	1	
TOTAL FOR MAP NO. 2							2.268		90	4.54	130		335	1,340	3,002	180	20	1	1	
		3	SR 1136 CHESTNUT GROVE ROAD	FROM NC 66 TO SR SR 1139 CHESTNUT GROVE ROAD	1	NO	2.928	22	117	5.86	365			367	3,702	222	20		4	
TOTAL FOR MAP NO. 3							2.928		117	5.86	365			367	3,702	222	20		4	
		4	SR 1139 CHESTNUT GROVE ROAD	FROM SR 1136 CHESTNUT GROVE ROAD/SR 1136 VOLUNTEER ROAD TO SR 1236 OLD US 52	1	NO	1.108	22	44	2.22	45			367	1,329	80	20			
TOTAL FOR MAP NO. 4							1.108		44	2.22	45			367	1,329	80	20			
		5	SR 1137 PRIDDY ROAD	FROM SR 1136 CHESTNUT GROVE ROAD TO SR 1138 GOFF ROAD	1,2	NO	0.892	24	36	1.78				467	1,191	71	20			
TOTAL FOR MAP NO. 5							0.892		36	1.78				467	1,191	71	20			
		6	SR 1122 MOORE RJR ROAD	FROM STOKES CO. LINE TO PJ @ RR NEAR SR 1236 OLD US52	1	NO	1.293	24	52	2.59	30			400	2,241	134	20			
TOTAL FOR MAP NO. 6							1.293		52	2.59	30			400	2,241	134	20			
		7	SR 1128 BROWN ROAD	FROM SR 1128 MAIN ST. TO SR 1136 CHESTNUT GROVE ROAD	1	NO	2.25	25	90	4.5	115			417	3,064	184	20	1	1	
TOTAL FOR MAP NO. 7							2.25		90	4.5	115			417	3,064	184	20	1	1	
		8	SR 1941 BROOK COVE ROAD	FROM SR 1935 PINEY MOUNTAIN ROAD TO NC 8	1,3	NO	4.135	24	165	8.27	170	58,221			5,408	324				
TOTAL FOR MAP NO. 8							4.135		165	8.27	170	58,221			5,408	324				
		9	SR 1199 PILOT WESTFIELD ROAD	FROM PVT JT @ US 268 TO PVT JT @SR 1210 BROWN MOUNTAIN ROAD	1	NO	2.25	22	90	4.5	200			367	2,699	162	20			
TOTAL FOR MAP NO. 9							2.25		90	4.5	200			367	2,699	162	20			
		10	SR 1108 JEFFERSON CHURCH ROAD	FROM PVT JT AT SR 1112 MAIN ST TO STOKES CO. LINE		NO	0.2	20	8	0.4	5			334	218	13	20			
TOTAL FOR MAP NO. 10							0.2		8	0.4	5			334	218	13	20			
TOTAL FOR PROJ NO. 9CR.20851.7							17.324		692	34.66	1,060	58,221	335	4,059	22,854	1,370	160	2	6	
9CR.20341.7	Forsyth	11	SR 1634 MOORE RJR ROAD	FROM SR 3969 MOORE ROAD TO STOKES CO. LINE	1	NO	0.891	24	18	0.89	120			400	1,412	85	20			
TOTAL FOR MAP NO. 11							0.891		18	0.89	120			400	1,412	85	20			
		12	SR1108 JEFFERSON CHURCH RD	FROM STOKES CO. LINE TO SR 1620 TOBACCOVILLE ROAD	1	NO	2.15	20	43	2.15	135			334	2,346	141	20			
TOTAL FOR MAP NO. 12							2.15		43	2.15	135			334	2,346	141	20			
TOTAL FOR PROJ NO. 9CR.20341.7							3.041		61	3.04	255			734	3,758	226	40			
GRAND TOTAL							27.125		1023	51.22	1,985	58,221	335	16,850	35,481	2,128	220	22	20	

PROJECT NO.	SHEET NO.	TOTAL NO.
9CR.10851.7, 9CR.20851.7 9CR.20341.7,	9	

THERMOPLASTIC AND PAINT QUANTITIES

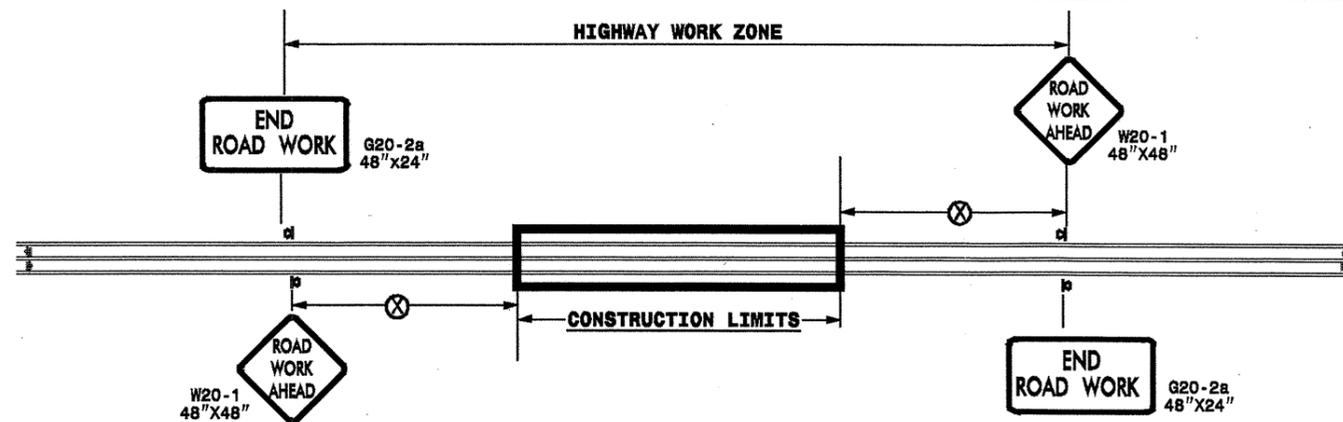
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E		4697000000-E		4705000000-E	4710000000-E	4721000000-E		4725000000-E				4905000000-N
					4" X 90 M WHITE THERMO LF	4" X 120 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	8" X 120 M WHITE THERMO LF	8" X 120 M YELLOW THERMO LF	16" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO MSG SCHOOL 120 M EA	THERMO RXR 120 M EA	THERMO LT ARROW 90 M EA	THERMO STR & RT ARROW 90 M EA	THERMO STR ARROW 90 M EA	THERMO RT ARROW 90 M EA	SNOW PLOWABLE MARKERS EA
9CR.10851.7	Stokes	1	NC 89 AND US 311	FROM NC 65 PVT JOINT AT COVE GRILL TO NC 8	72,738	792	87,310	138	2,116		182	24		49	4	4		664
TOTAL FOR MAP NO. 1					72,738	792	87,310	138	2,116		182	24		49	4	4		664
TOTAL FOR PROJ NO. 9CR.10851.7					72,738	792	87,310	138	2,116		182	24		49	4	4		664
						88,102		2,254				24		57				
9CR.20851.7	Stokes	2	SR 1138 GOFF ROAD	FROM SR 1139 CHESTNUT GROVE ROAD TO SR 1236 OLD 52	24,404	165	24,190				100	12		2			1	
TOTAL FOR MAP NO. 2					24,404	165	24,190				100	12		2			1	
		3	SR 1136 CHESTNUT GROVE ROAD	FROM NC 66 TO SR SR 1139 CHESTNUT GROVE ROAD	10,760	475	32,249				100	12		8				
TOTAL FOR MAP NO. 3					10,760	475	32,249				100	12		8				
		4	SR 1139 CHESTNUT GROVE ROAD	FROM SR 1136 CHESTNUT GROVE ROAD/SR 1136 VOLUNTEER ROAD TO SR 1236 OLD US 52	11,922		11,700											
TOTAL FOR MAP NO. 4					11,922		11,700											
		5	SR 1137 PRIDDY ROAD	FROM SR 1136 CHESTNUT GROVE ROAD TO SR 1138 GOFF ROAD	9,598		9,420				100	12						
TOTAL FOR MAP NO. 5					9,598		9,420				100	12						
		6	SR 1122 MOORE RJR ROAD	FROM STOKES CO. LINE TO PJ @ RR NEAR SR 1236 OLD US52	13,913	583	13,654			100	160		4	27			2	
TOTAL FOR MAP NO. 6					13,913	583	13,654			100	160		4	27			2	
		7	SR 1128 BROWN ROAD	FROM SR 1128 MAIN ST. TO SR 1136 CHESTNUT GROVE ROAD	24,210		23,760											
TOTAL FOR MAP NO. 7					24,210		23,760											
		8	SR 1941 BROOK COVE ROAD	FROM SR 1935 PINEY MOUNTAIN ROAD TO NC 8	44,493		43,666											
TOTAL FOR MAP NO. 8					44,493		43,666											
		9	SR 1199 PILOT WESTFIELD ROAD	FROM PVT JT @ US 268 TO PVT JT @SR 1210 BROWN MOUNTAIN ROAD	24,210		23,760											
TOTAL FOR MAP NO. 9					24,210		23,760											
		10	SR 1108 JEFFERSON CHURCH ROAD	FROM PVT JT AT SR 1112 MAIN ST TO STOKES CO. LINE	2,152		2,112											
TOTAL FOR MAP NO. 10					2,152		2,112											
TOTAL FOR PROJ NO. 9CR.20851.7					165,662	1,223	184,511			100	460	36	4	37			3	
						185,734						40		40				
9CR.20341.7	Forsyth	11	SR 1634 MOORE RJR ROAD	FROM SR 3969 MOORE ROAD TO STOKES CO. LINE	9,587	191	9,409				117			4	4			
TOTAL FOR MAP NO. 11					9,587	191	9,409				117			4	4			
		12	SR1108 JEFFERSON CHURCH RD	FROM STOKES CO. LINE TO SR 1620 TOBACCOVILLE ROAD	23,134		22,704			100	50		4					
TOTAL FOR MAP NO. 12					23,134		22,704			100	50		4					
TOTAL FOR PROJ NO. 9CR.20341.7					32,721	191	32,113			100	167		4	4	4	4		
						32,304						4		8				
GRAND TOTAL					271,121	2,206	303,934	138	2,116	200	809	60	8	90	8	4	3	664
						306,140		2,254				68		105				

PROJECT REFERENCE NO.	SHEET NO.
9CR.10851.7, 9CR.20851.7 9CR.20341.7	10

Stokes County 2010 Resurfacing Bridge Listing

Map No.	Route No.	Route Name	Bridge No.	Feature Intersected	Floor Construction	Clear Roadway Width (Ft)	Horizontal Clearance Under (Ft)	Vertical Clearance Under	Length (Ft)	Posting	Recommended Treatment, From Bridge Maintenance
1	NC 89 AND US 311	NC 89 AND US 311	4	TOWN FORK CREEK	4.5 RC 3.5 PPC	32	N/A	N/A	218		DO NOT PAVE Mill Approaches 150'
2	SR 1138	GOFF ROAD	165	DANBURY CREEK	10GA STL 3.5 AWS	28.2	N/A	N/A	107		MILL 1 1/2 inches and Pave Mill Approaches 150'

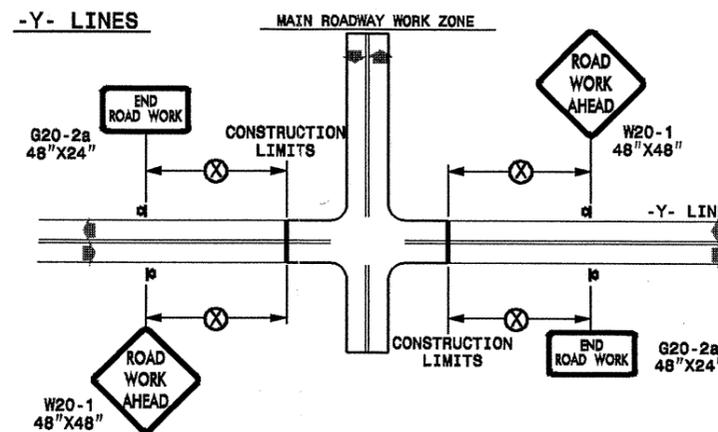
TWO-WAY UNDIVIDED ** (L-LINES)



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

DETAIL DRAWING
FOR TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS

SHEET 1 OF 1

APPROVED: _____	DATE: _____
SEAL	DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS
	SCALE: NONE
	DATE: _____
	DESIGN BY: _____
REVISIONS	REVIEWED BY: _____
7-98 10/01	
10-98 08/04	
01/01 11/04	

01-DEC-2009 10:36 s:\signing\resurfacing\div09\c2025200-c-9cr108517x3-stokesforsyth.us\lmm2\c2025200-c-9cr108517x3-2wayundivurbfrwys\july2006-portable.dgn pseymore AT WZTC237502