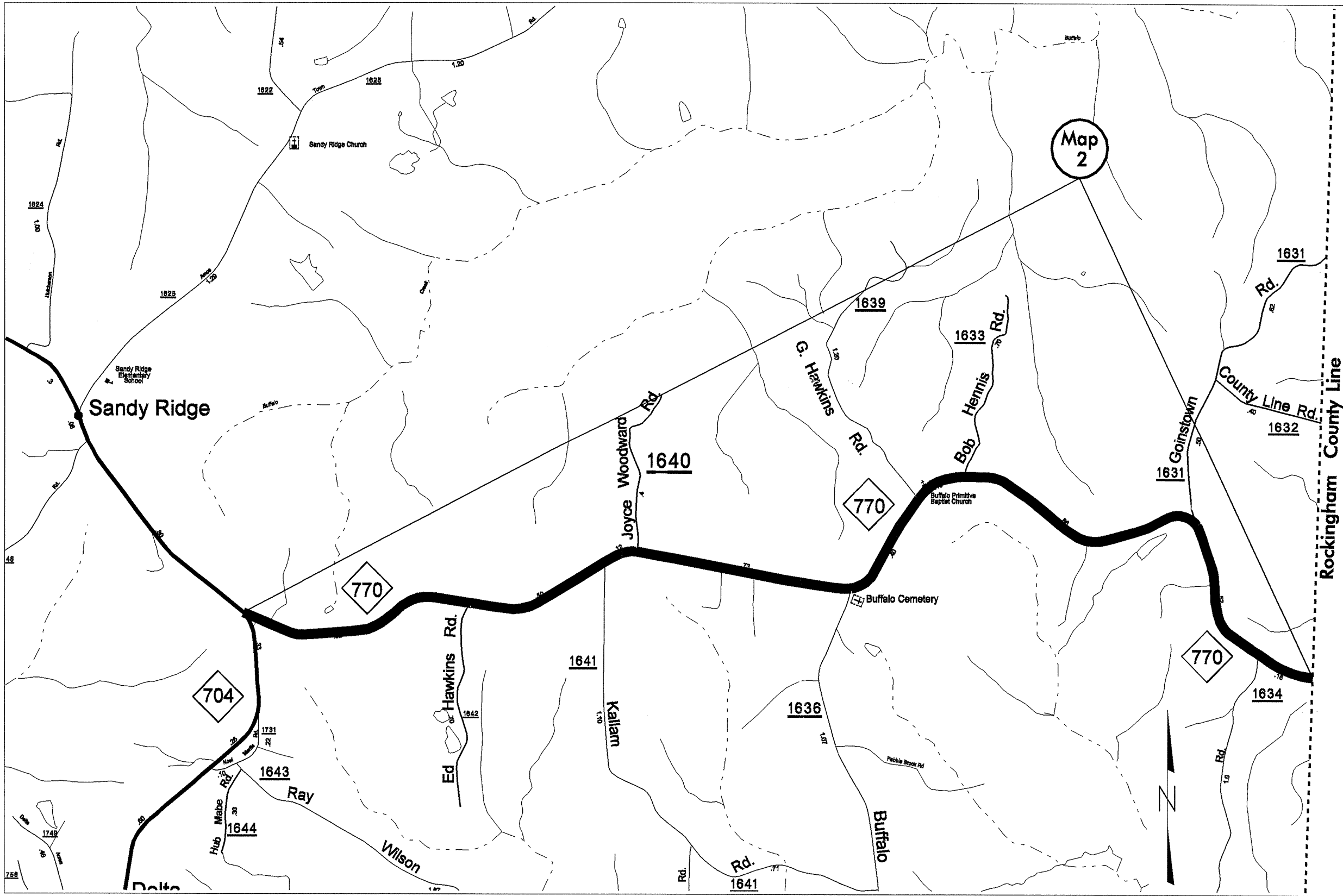
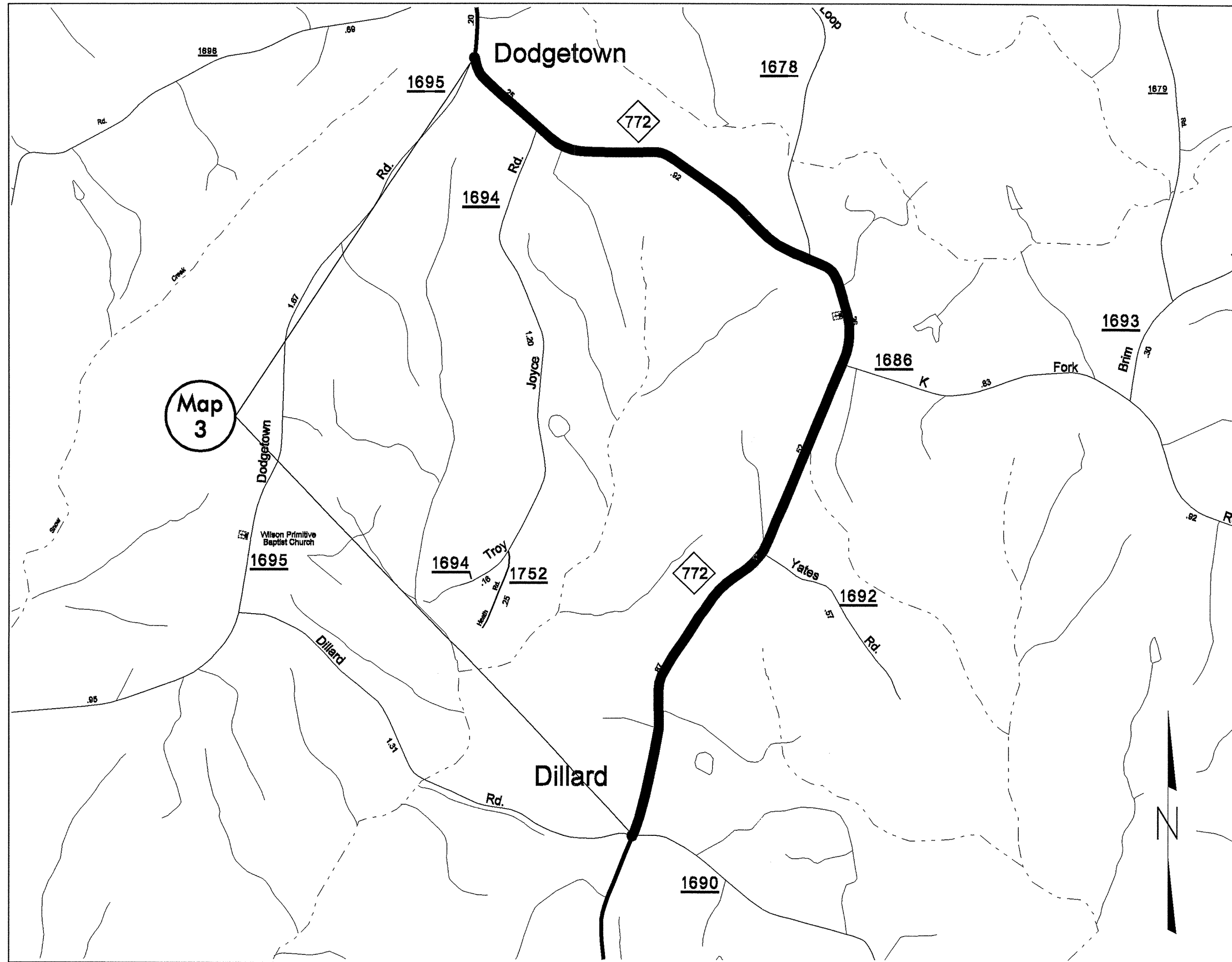


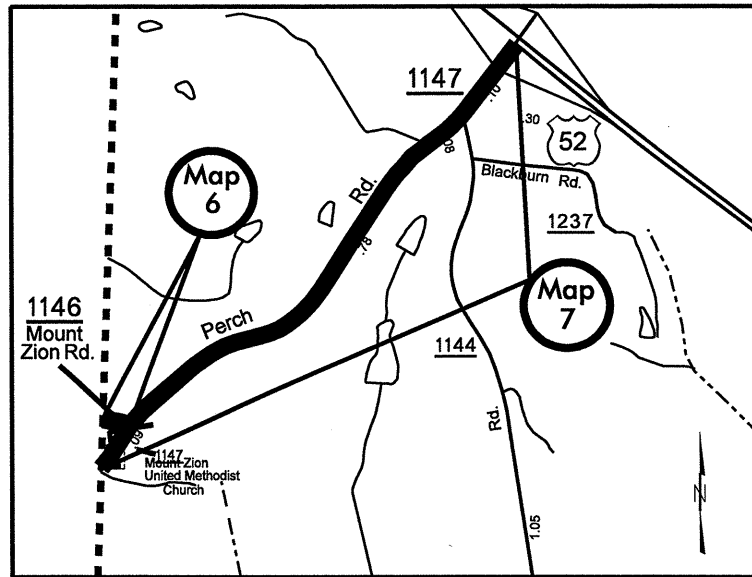
Map 1



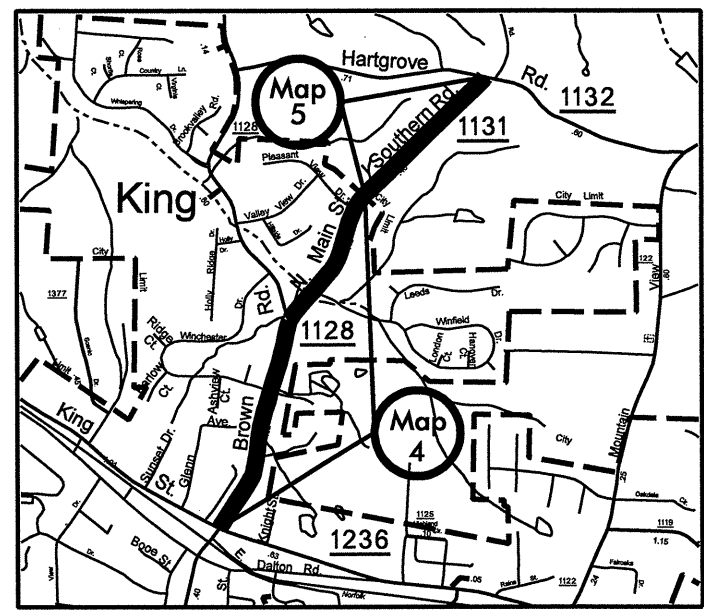
Map 2



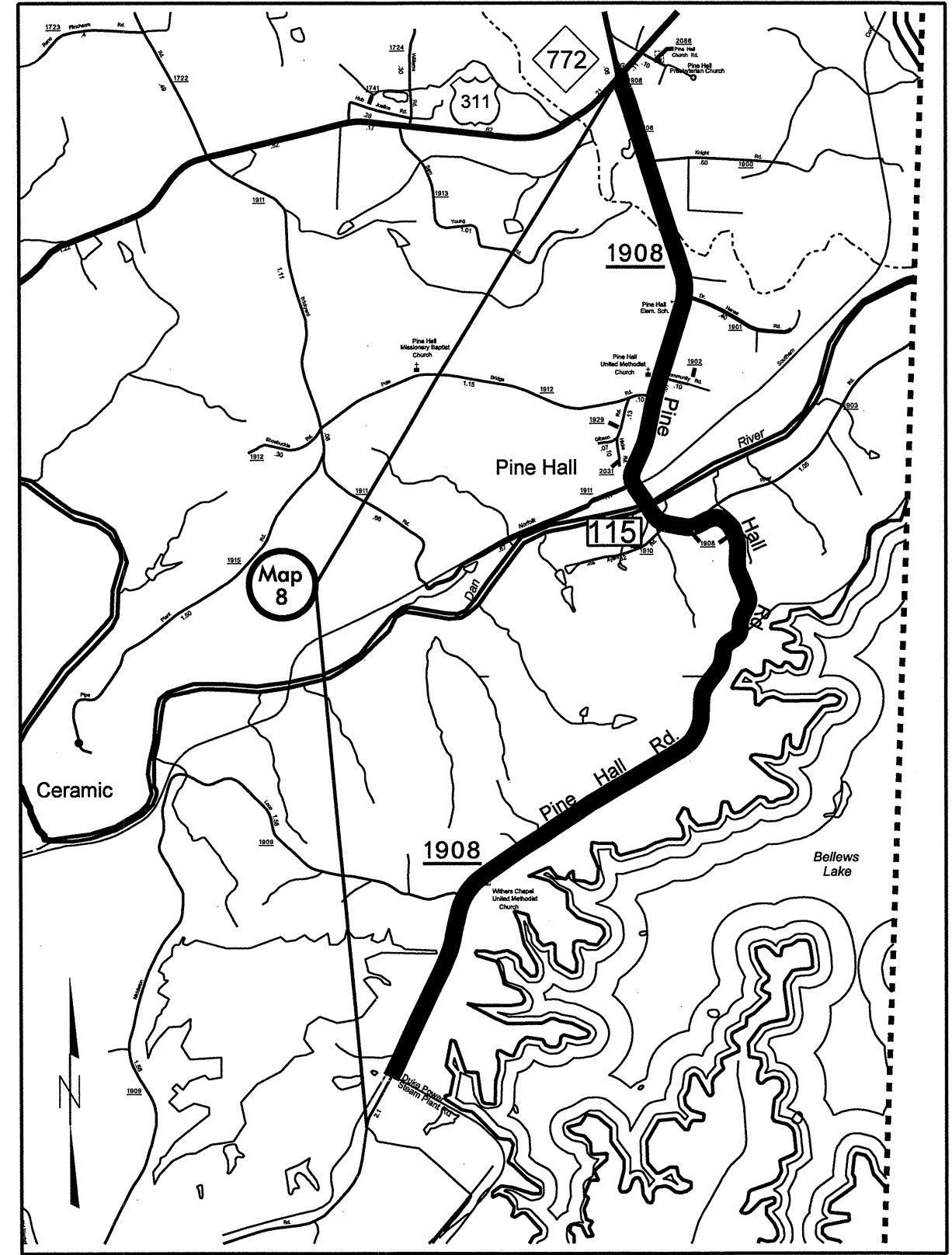
Map 3



Maps 6 and 7

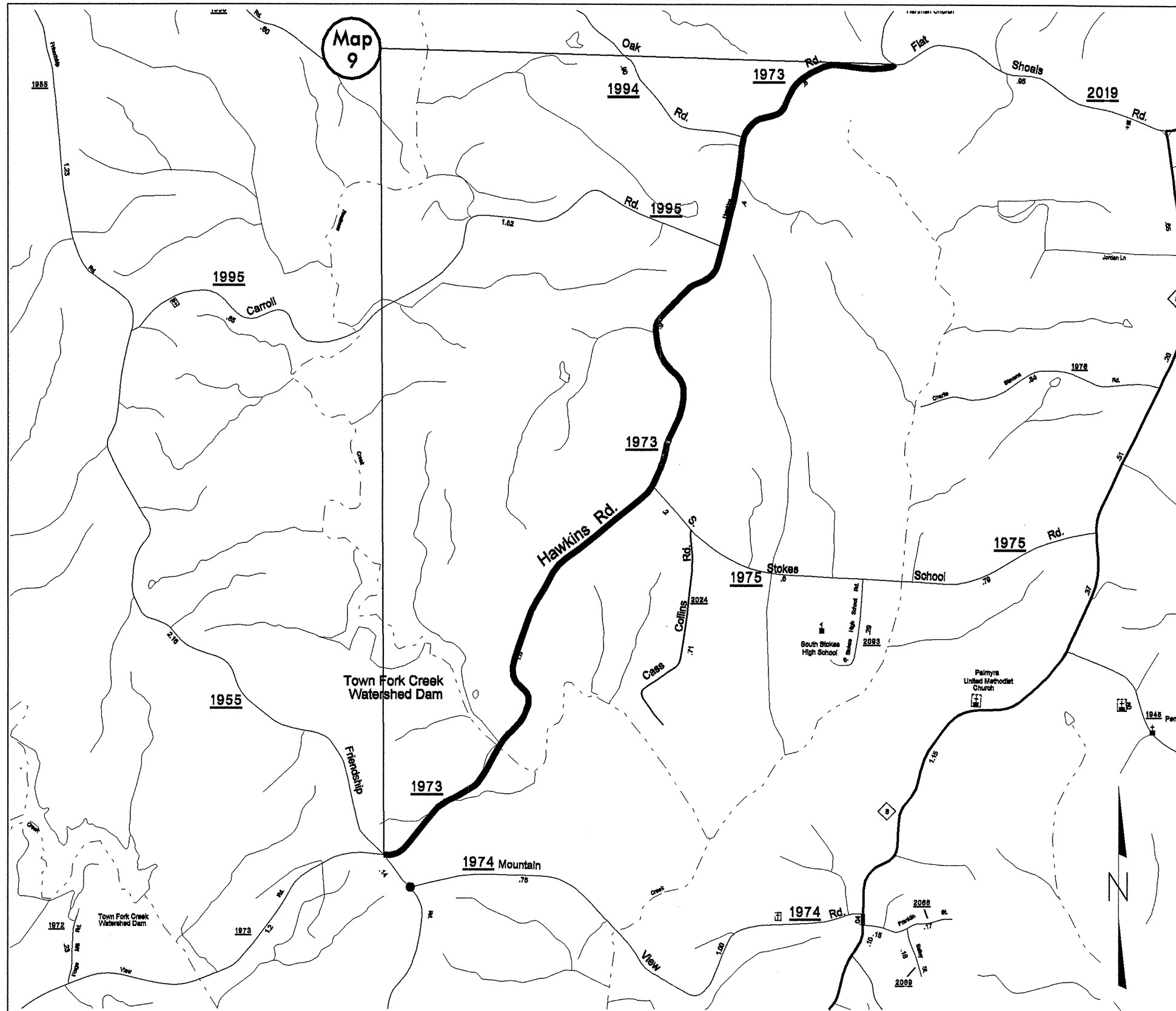


Maps 4 and 5



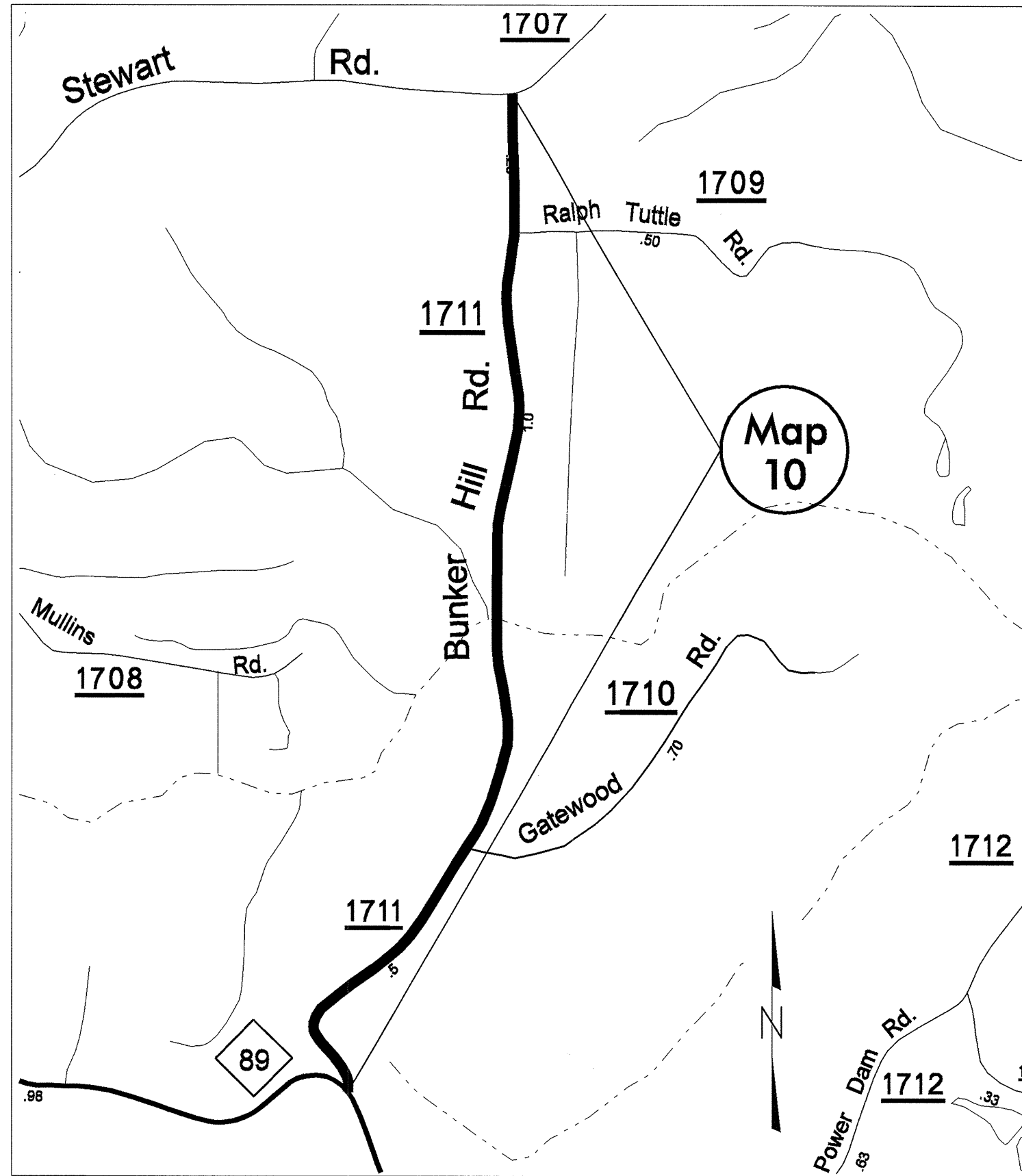
Map 8

STOKES COUNTY
NORTH CAROLINA

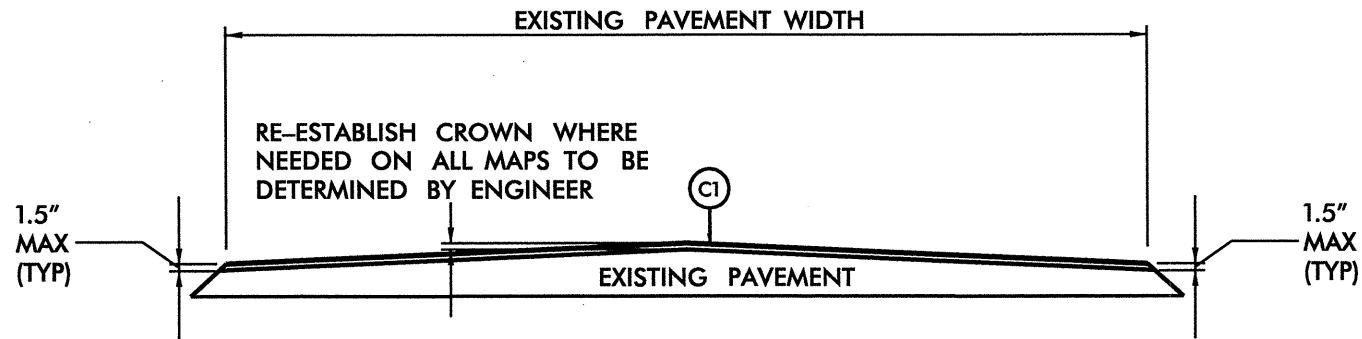


Map 9

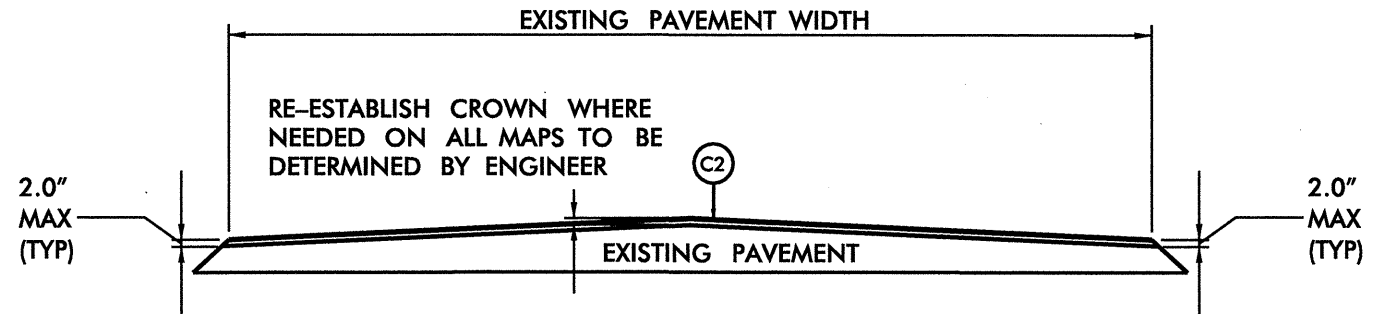
STOKES COUNTY
NORTH CAROLINA



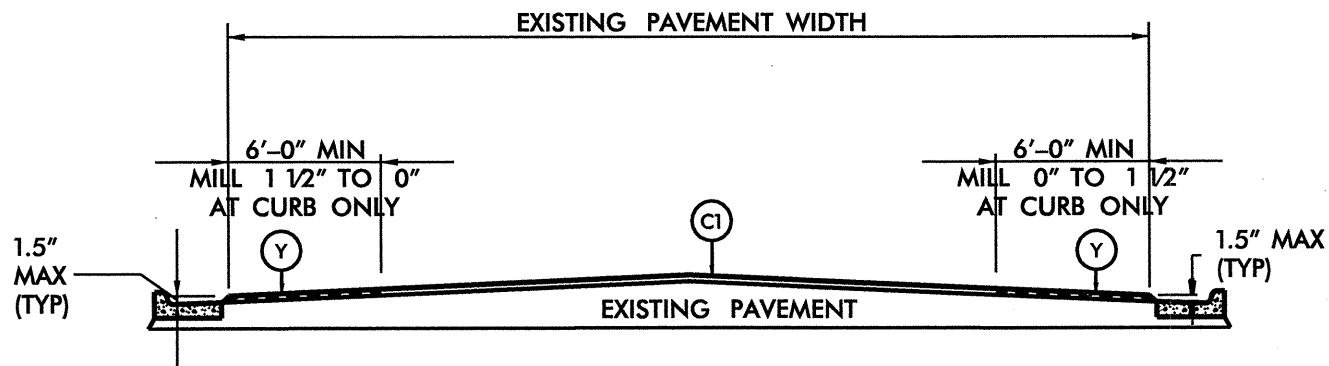
Map 10



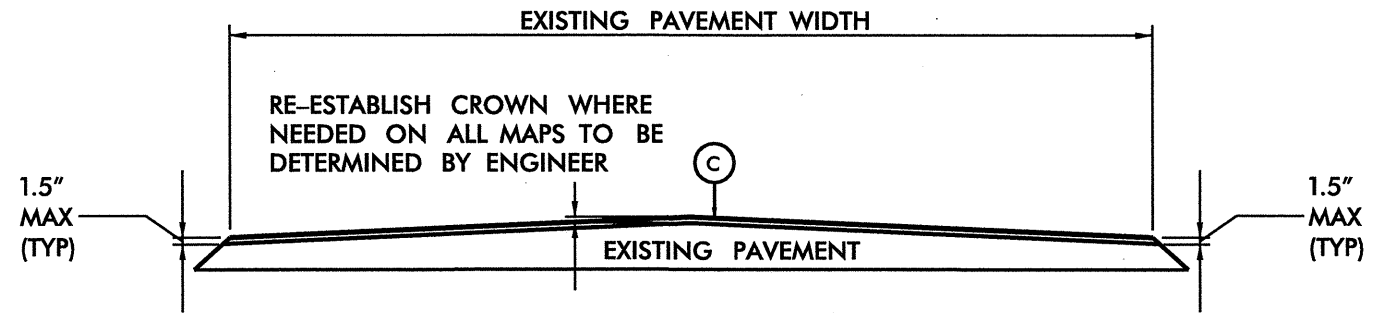
TYPICAL SECTION NO. 1
 MAP NO 1 US 311/NC 65 (26 Ft Width)
 MAP NO 2 NC 770 (24 Ft Width)
 MAP NO 3 NC 772 (24 Ft Width)
 MAP NO 5 SR 1131 SOUTHERN RD (24 Ft Width)
 MAP NO 7 SR 1147 PERCH RD. (22 Ft Width)
 MAP NO 9 SR 1973 HAWKINS RD. (24 Ft to 26 Ft Width)



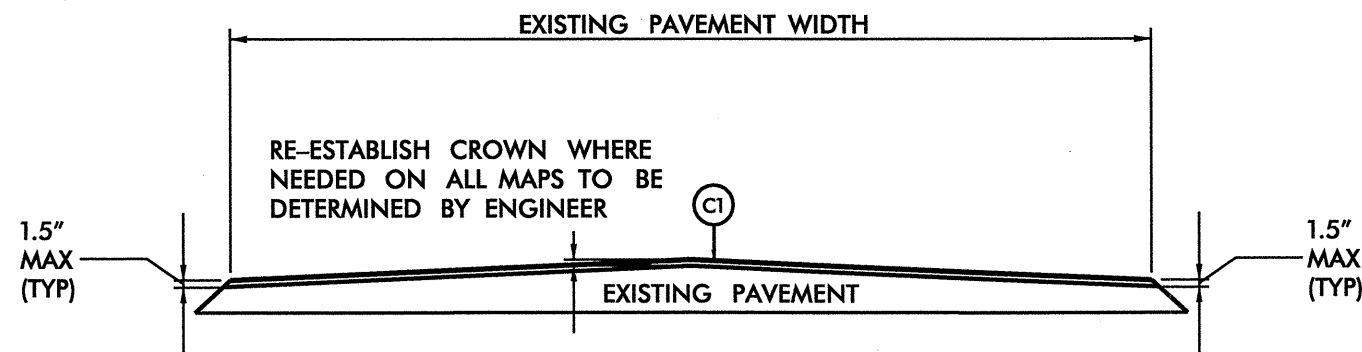
TYPICAL SECTION NO. 4
 MAP NO 10 SR 1711 BUNKERHILL RD. (20 Ft Width)



TYPICAL SECTION NO. 2
 MAP NO 1 US 311/NC 65 (26 Ft Width)
 MAP NO 4 SR 1128/SR 1131 NORTH MAIN ST. (22 Ft to 36 Ft Width)

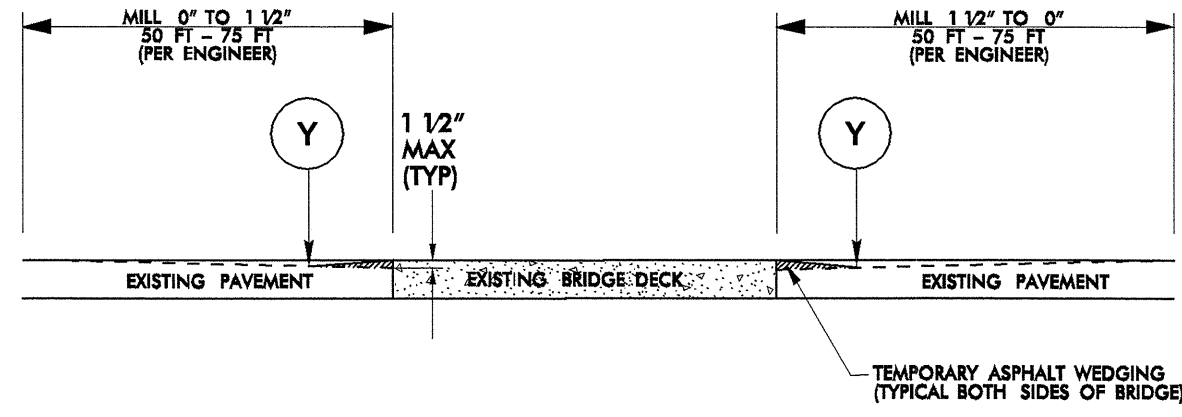


TYPICAL SECTION NO. 5
 MAP NO 6 SR 1146 MT ZION RD. (22 Ft Width)

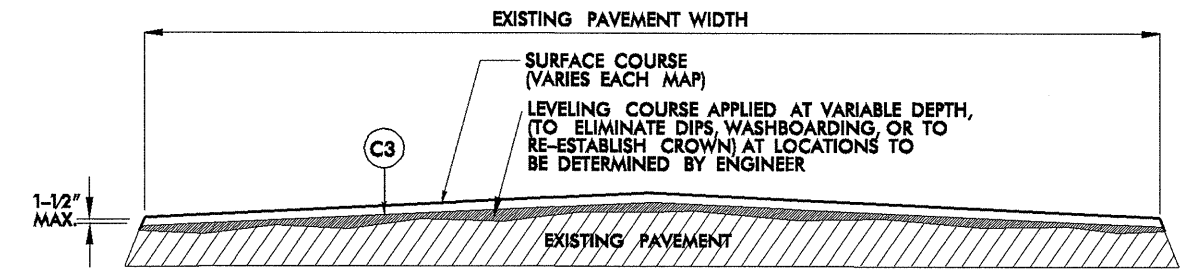


TYPICAL SECTION NO. 3
 MAP NO 8 SR 1908 PINE HALL RD. (24 Ft Width)

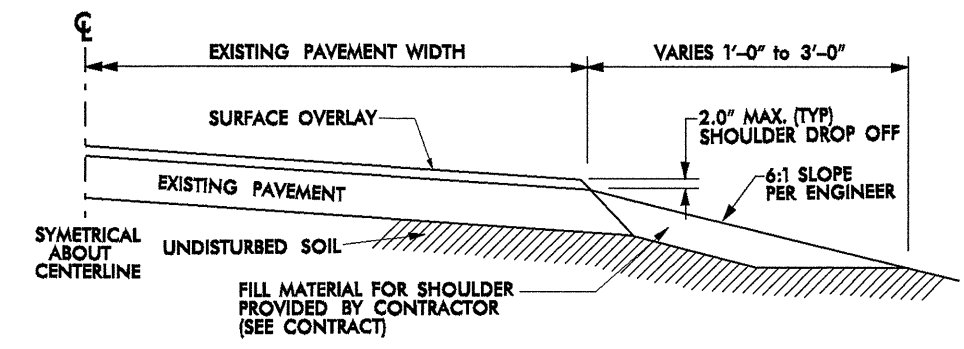
PAVEMENT SCHEDULE	
C	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD
C2	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 224 LBS PER SQ YD
C3	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE LEVELING COURSE, TYPE S9.5B
Y	MILL ASPHALT PAVEMENT, 0" TO 1.5" DEPTH



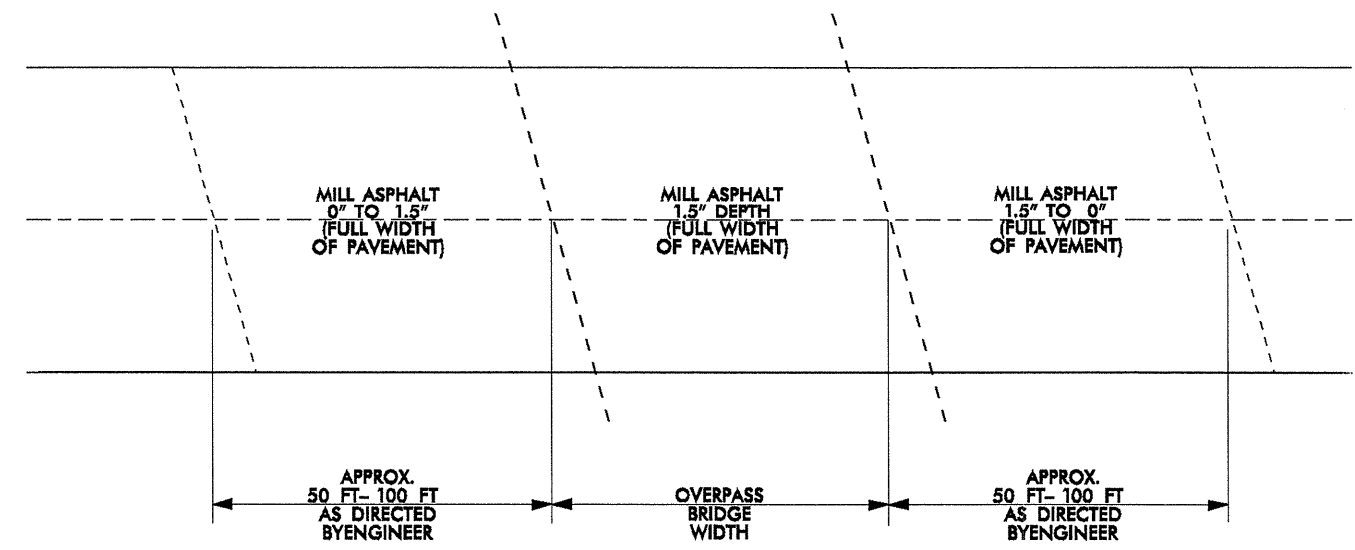
DETAIL 1
MILLING BRIDGE APPROACHES
 (SEE BRIDGE DATA SHEET FOR PAVING INSTRUCTIONS)



TYPICAL LEVELING DETAIL



SHOULDER DROP OFF REPAIR



PLAN VIEW FOR
MILLING ASPHALT PAVEMENT
UNDER OVERPASS

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
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD
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C3	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE LEVELING COURSE, TYPE S9.5B
Y	MILL ASPHALT PAVEMENT, 0" TO 1.5" DEPTH

STOKES COUNTY
W.O. NOS. 9CR10851.6 & 9CR20851.6
DETAIL 2 OF 3

Stokes County 2008 Resurfacing Bridge Listing

Map No.	Route No.	Route Name	Bridge No.	Feature Intersected	Floor Construction	Clear Roadway Width (Ft)	Length (Ft)	Posting	Recommended Treatment, From Bridge Maintenance
7	SR 1147	PERCH ROAD	N/A	US 52	N/A	N/A	N/A	N/A	Mill West Approach Through West Ramps. Limits to be Discussed at Pre-Con.
8	SR 1908	PINE HALL ROAD	115	DAN RIVER	7.25 RC SLAB	34	400	N/A	Mill Approaches, Do NOT Pave Bridge

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 - LEVELING (AS DIRECTED BY ENGINEER)
- PHASE 3 - SURFACE OVERLAY
- PHASE 4 - SHOULDER DROP-OFF REPAIR (AS NEEDED AND DIRECTED BY ENGINEER)
- PHASE 5 - 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).

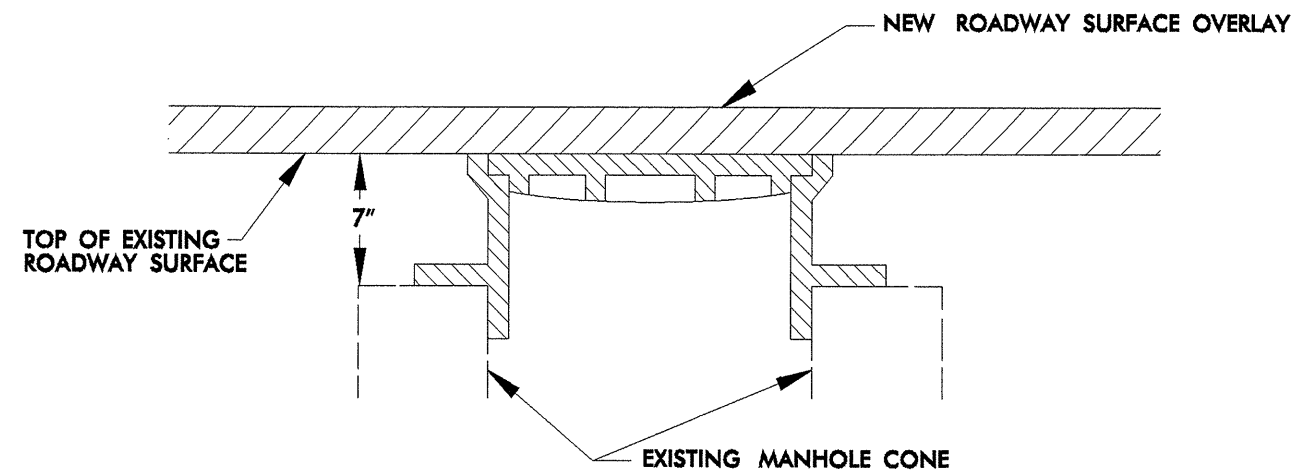
5. SOME MAPS MAY REQUIRE EXTRA ASPHALT SURFACE (LEVELING) TO BE PLACED TO ELIMINATE UNEVEN PAVEMENT, WASHBOARDING OR TO RE-ESTABLISH THE CROWN. THE QUANTITY AND LOCATION OF THIS ITEM SHALL BE AS DIRECTED BY THE ENGINEER.

6. 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 AND THE WHITE EDGELINE SHALL BE LOCATED ONE FOOT 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.

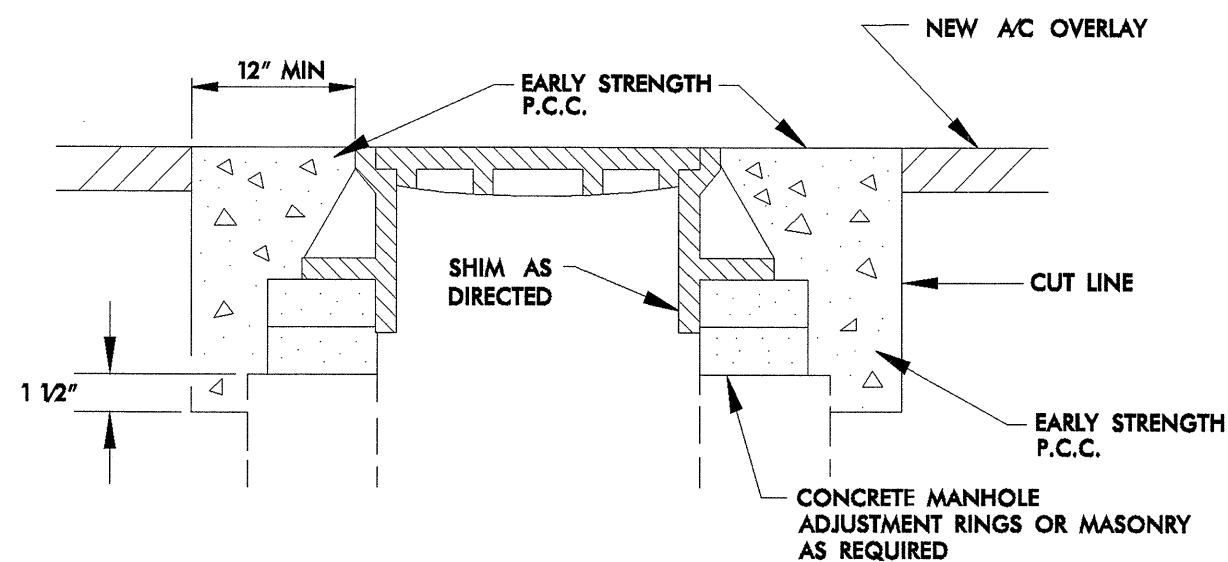
7. PAPER JOINTS ARE TO BE PLACED BETWEEN DAYS OF PAVING OPERATIONS AS SPECIFIED IN THE STANDARD SPECIFICATIONS SECTION 610-11.

8. ALL MILLED AREAS WILL BE PAVED WITHIN 72 HOURS UNLESS APPROVED BY THE ENGINEER.

9. 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



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

PROJECT NO.	SHEET NO.	TOTAL NO.
9CR.10851.6, 9CR.20851.6	11	12

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	SHOULDER DROP OFF REPAIR SMI	INCIDENTAL STONE BASE TONS	0" TO 1½" MILLING SY	SURFACE COURSE, S9.5B TONS	LEVELING COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	PG 64-22 PLANT MIX TONS	PG 70-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	MANHOLES EA	METER OR VALVE BOX EA
9CR.10851.6	Stokes	1	US 311/ NC 65 MAIN ST	PJ AT SR 1928 (STOKESBURG RD) TO PJ AT WALNUT COVE SCL	1,2	0.9	26	0.36	18	87		7	1,275	0.5	76	40		
		2	NC 770	NC 704 TO THE ROCKINGHAM CO LINE	1	4.29	24	1.72	172			7	5,661	0.5	340	15		
		3	NC 772	PJ SR 1695 (DODGETOWN RD) TO PJ AT SR 1690 (DILLARD RD)	1	2.9	24	1.16	116			7	3,827	0.5	230	15		
TOTAL FOR PROJ NO. 9CR.10851.6						8.09		3.24	306	87		21	10,763	1.5	646	70		
9CR.20851.6	Stokes	4	SR 1128/1131 N MAIN ST	SR 1236 (OLD US 52) TO KING NCL	2	1.04	22-36	0.42	21	245		7	1,267	0.5	76	35	1	4
		5	SR 1131 SOUTHERN RD	KING NCL TO SR 1132 (HARTGROVE RD)	1	0.44	24	0.18	18			7	575	0.5	35	15		1
		6	SR 1146 MT ZION RD	FROM PERCH ROAD SR 1147 TO SURRY COUNTY LINE	5	0.06	22	0.02	2		72	7		5.5		15		
		7	SR 1147 PERCH RD	WEST END OF BRIDGE OVER US 52 TO SURRY CO LINE	1	1.01	22	0.4	40	183		7	1,221	0.5	73	15		
		8	SR 1908 PINE HALL RD	PJ AT DUKE POWER STATION ENTRANCE TO PJ AT US 311	3	4.38	24	1.75	175	400		7	5,832	0.5	350	30		
		9	SR 1973 HAWKINS ROAD	FROM SR 1955 TO SR 2019	1	3.45	24-26	1.38	138			7	4,638	0.5	278	30		
		10	SR 1711 BUNKERHILL RD	PJ NC 89 TO SR 1707 (STEWART RD)	4	1.6	20	0.64	64			7	2,353	0.5	141	15		
TOTAL FOR PROJ NO. 9CR.20851.6						11.98		4.79	458	828	72	49	15,886	8.5	953	155	1	5
GRAND TOTAL						20.07		8.03	764	915	72	70	26,649	10	1,599	225	1	5

NOTE: All Quantities listed include turn lanes and are estimates; Payment will be based on actual field measurements and quantities received.

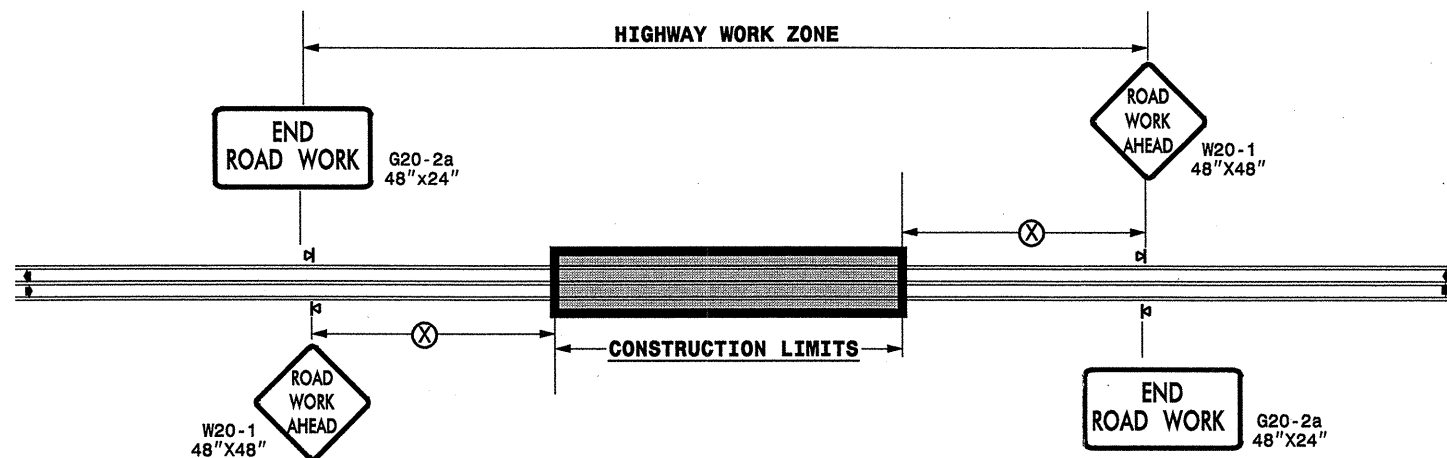
PROJECT NO.	SHEET NO.	TOTAL NO.
9CR.10851.6, 9CR.20851.6	12	12

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E	4695000000-E	4705000000-E	4710000000-E	4721000000-E	4725000000-E	4810000000-E	4905000000-N			
					4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	4" X 120 M WHITE THERMO LF	8" X 90 M YELLOW THERMO LF	16" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO RXR 120 M EA	THERMO MSG SCHOOL 120 M EA	THERMO LT ARROW 90 M EA	THERMO STR & RT ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF
9CR.10851.6	Stokes	1	US 311/ NC 65 MAIN ST	PJ AT SR 1928 (STOKESBURG RD) TO PJ AT WALNUT COVE SCL	9,695	9,930	50	65		80			59			
		2	NC 770	NC 704 TO THE ROCKINGHAM CO LINE	46,160	45,302	110						283			
		3	NC 772	PJ SR 1695 (DODGETOWN RD) TO PJ AT SR 1690 (DILLARD RD)	31,204	31,204	100			130			191			
TOTAL FOR PROJ NO. 9CR.10851.6					87,059	86,436	260	65		210			534			
					86,696											
9CR.20851.6	Stokes	4	SR 1128/1131 N MAIN ST	SR 1236 (OLD US 52) TO KING NCL	10,658	10,982	160			50		2	2			
		5	SR 1131 SOUTHERN RD	KING NCL TO SR 1132 (HARTGROVE RD)	4,734	4,646				14						
		6	SR 1146 MT ZION RD	FROM PERCH ROAD SR 1147 TO SURRY COUNTY LINE	634	634										
		7	SR 1147 PERCH RD	S END OF BRIDGE OVER US 52 TO SURRY CO LINE	10,911	10,666	90									
		8	SR 1908 PINE HALL RD	PJ AT DUKE POWER STATION ENTRANCE TO PJ AT US 311	47,107	46,253	100		90	245	2	12	1,600	1,600		
		9	SR 1973 HAWKINS ROAD	FROM SR 1955 TO SR 2019	37,122	36,432	40									
		10	SR 1711 BUNKERHILL RD	PJ NC 89 TO SR 1707 (STEWART RD)	17,130	16,896	40			20						
TOTAL FOR PROJ NO. 9CR.20851.6					128,296	126,509	430		90	329	2	12	2	2	1,600	1,600
					126,939					14		4		3,200		
GRAND TOTAL					215,355	212,945	690	65	90	539	2	12	2	2	1,600	1,600
					213,635					14		4		3,200		

NOTE: All Quantities listed include turn lanes and are estimates; Payment will be based on actual field measurements and quantities received.

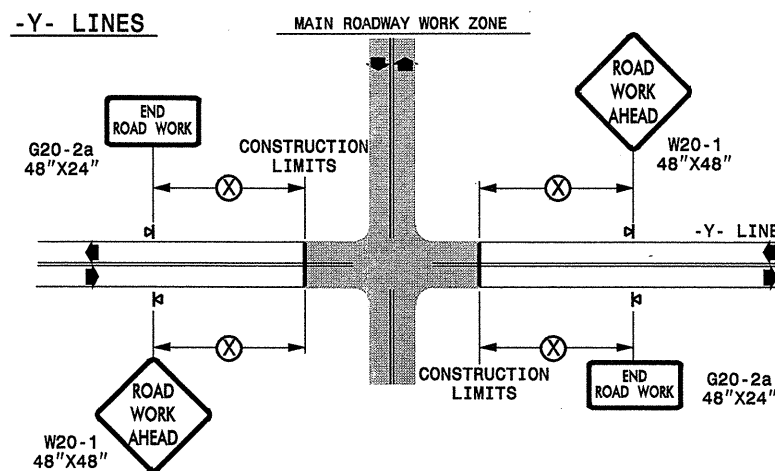
TWO-WAY UNDIVIDED ** (L-LINES)



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	 <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
	REVISIONS										
	7-98			10/01							
	10-98			03/04							
01/01	11/04										
DESIGN BY: _____	DATE: _____										
REVIEWED BY: _____	DATE: _____										

18-SEP-2007 17:05 \\DOT\DFSROOT\GROUPTS-WZTCCC\design\group4\resurfacing\resurfacing2007\div09\c20191L9cr108516etc...stokes_us311etc\9cr108516etc...2wayundivurbfrwys\july2006.dgn pseymore AT WZTC206427