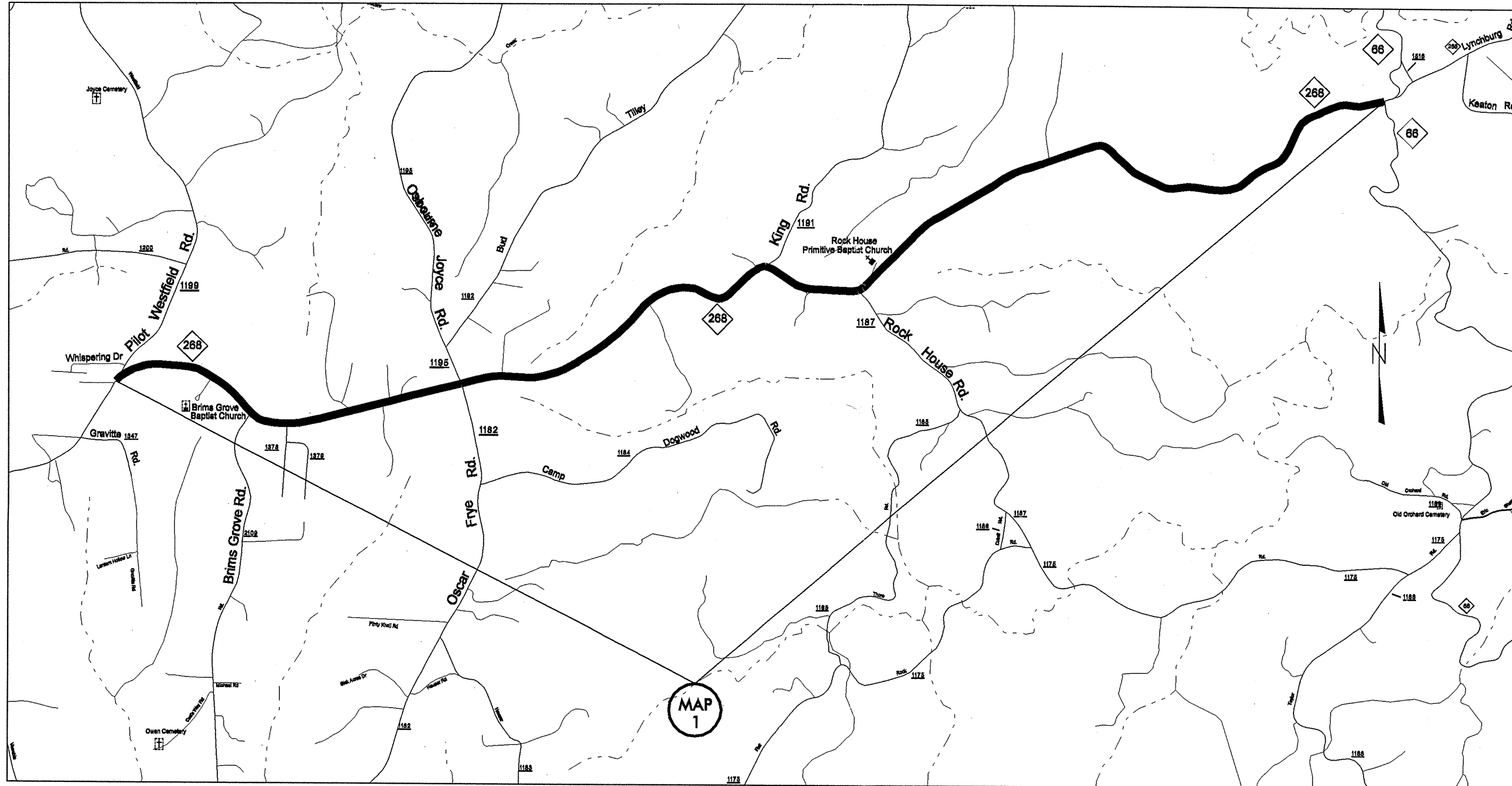
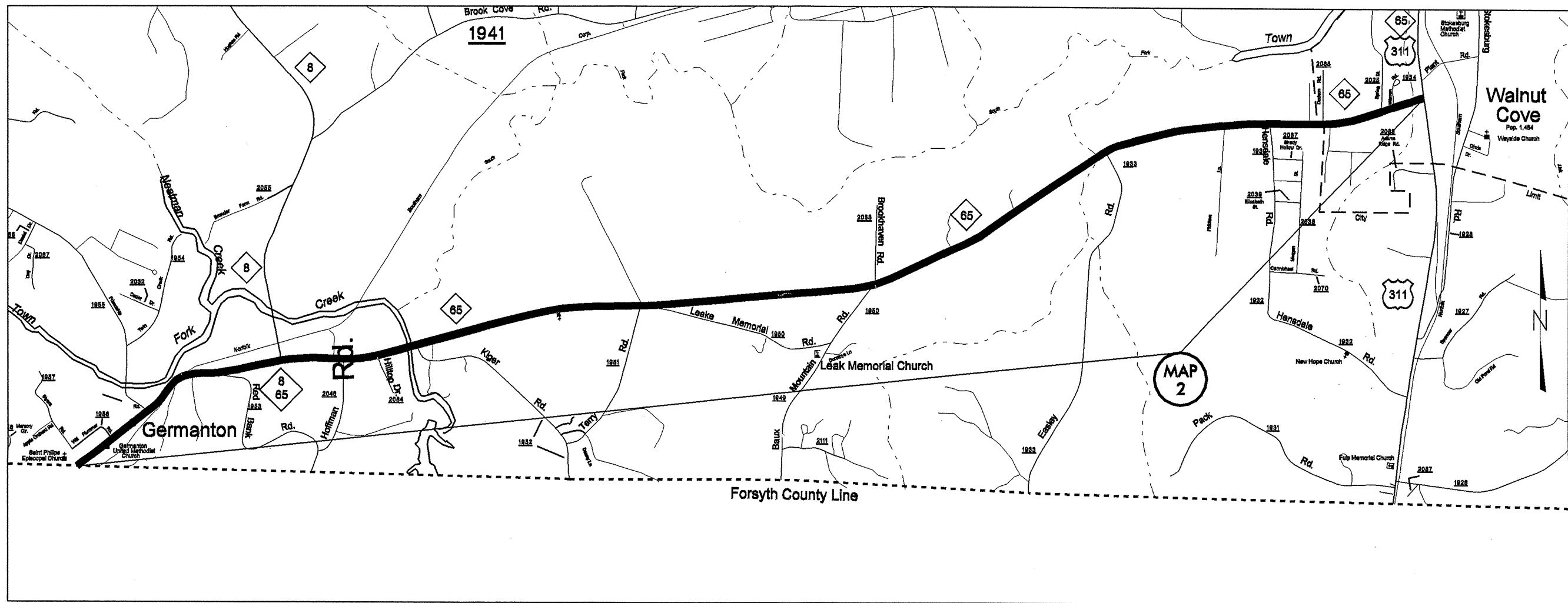


NOTES:  
Map 1 NC 268  
Mill map approaches.



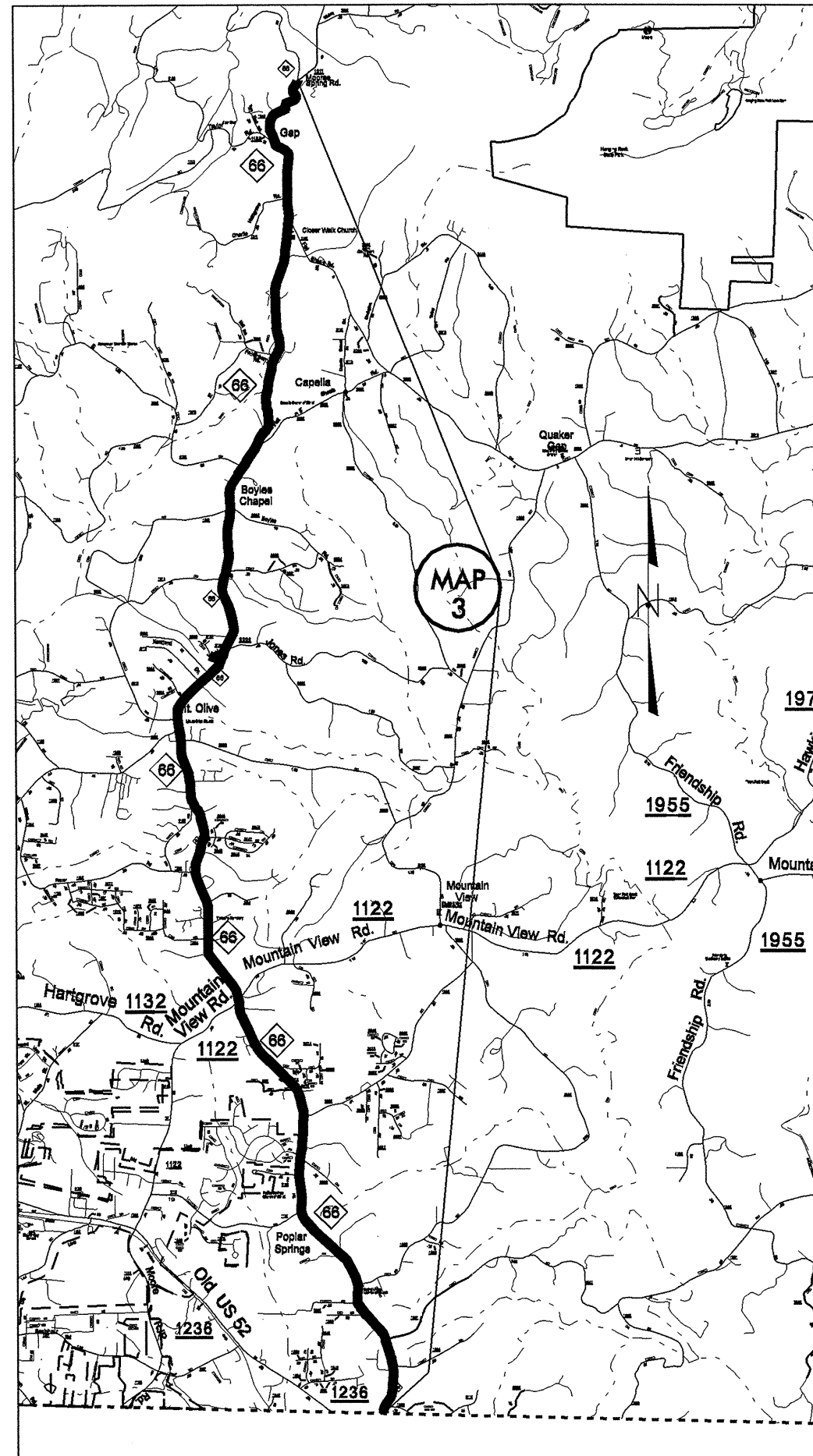
MAP 1

NOTES:  
Map 2 NC 65



# MAP 2

**STOKES COUNTY**  
NORTH CAROLINA

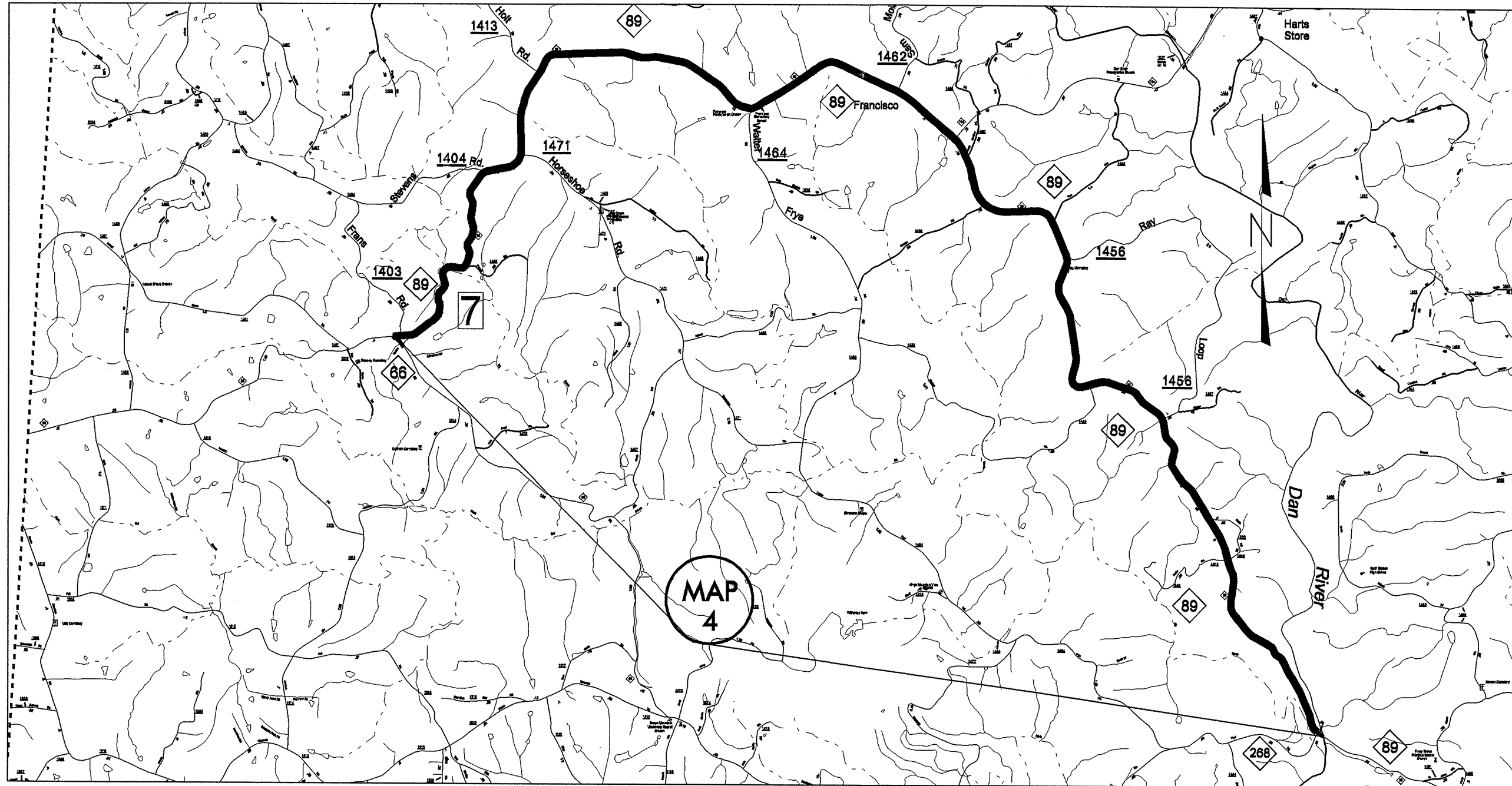


NOTES:  
Map 3 NC 66

# MAP 3

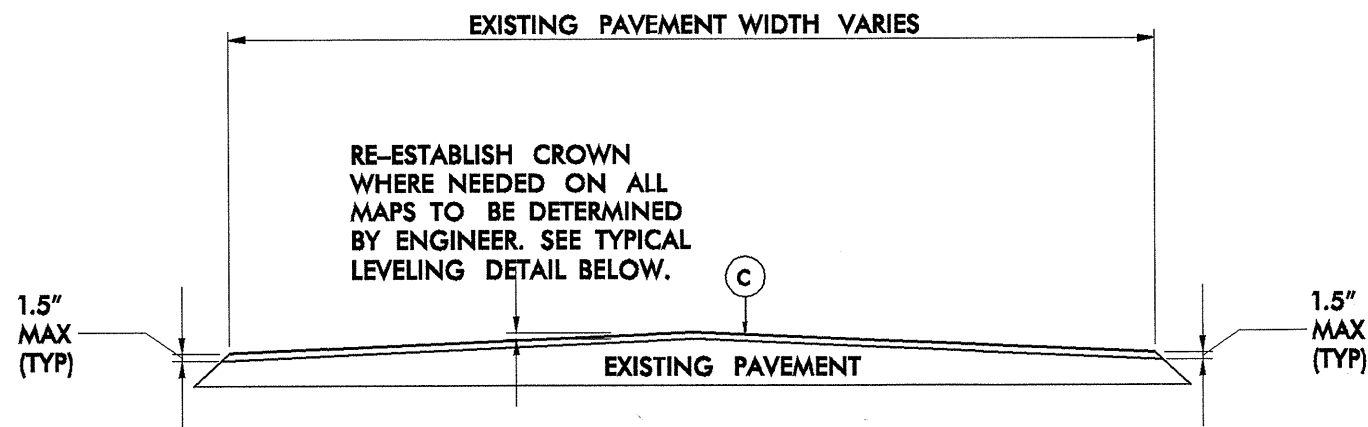
STOKES COUNTY

NORTH CAROLINA

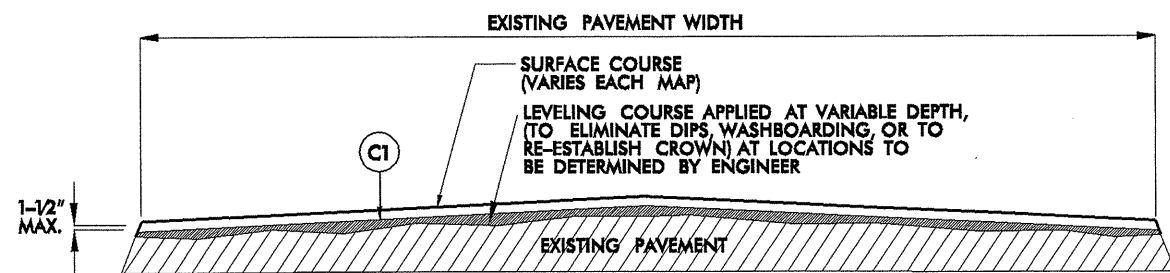


MAP 4

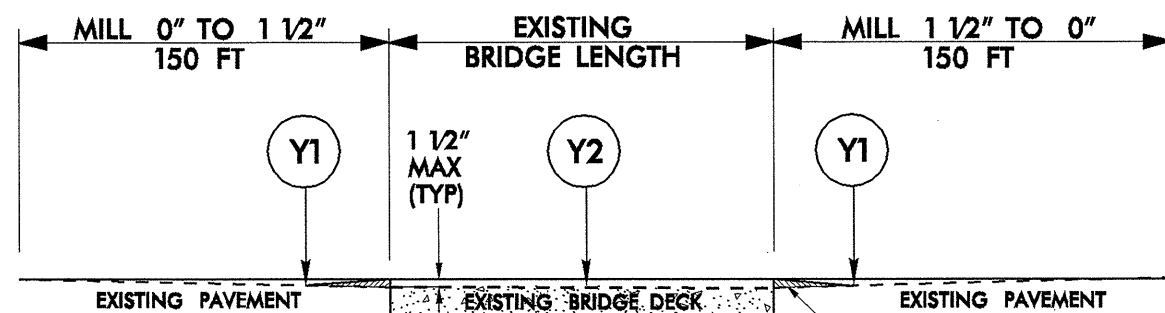
STOKES COUNTY  
NORTH CAROLINA



**TYPICAL SECTION NO. 1**  
 MAP NO. 1 NC 268  
 MAP NO. 2 NC 65  
 MAP NO. 3 NC 66  
 MAP NO. 4 NC 89

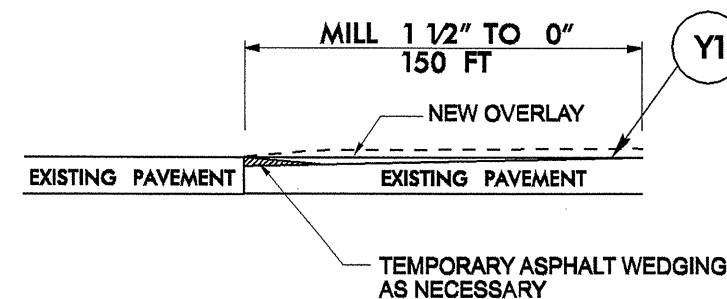


**TYPICAL LEVELING DETAIL**

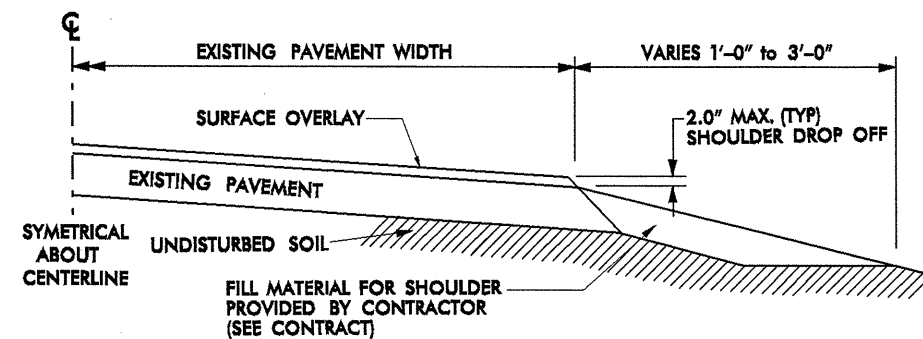


**DETAIL A**  
**MILL BRIDGE DECK AND APPROACHES**  
 (SEE BRIDGE DATA SHEET FOR PAVING INSTRUCTIONS)

TEMPORARY ASPHALT WEDGING (TYPICAL BOTH SIDES OF BRIDGE) IF APPROACHES ARE MILLED PRIOR TO MILLING BRIDGE DECK

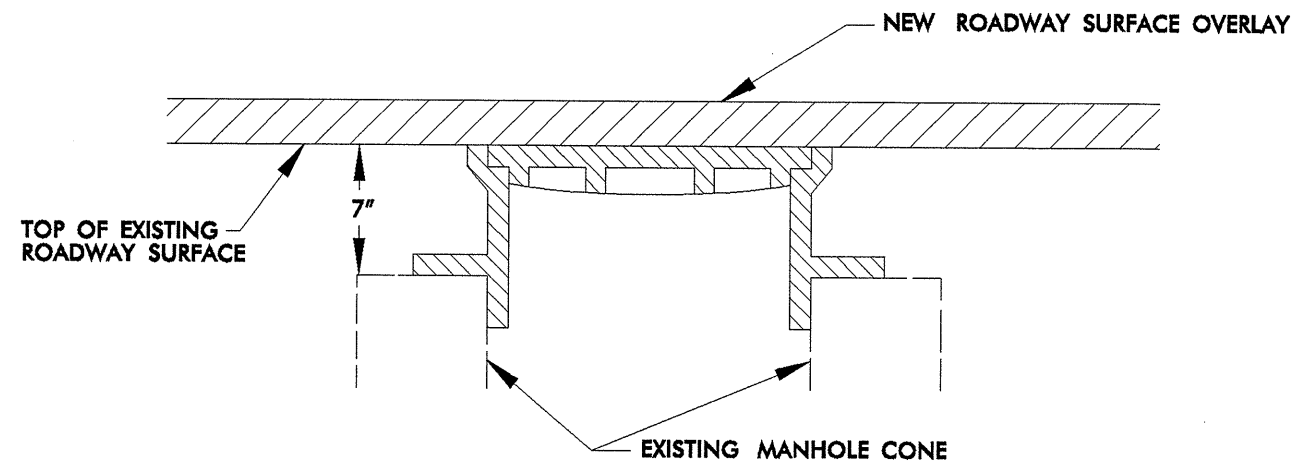
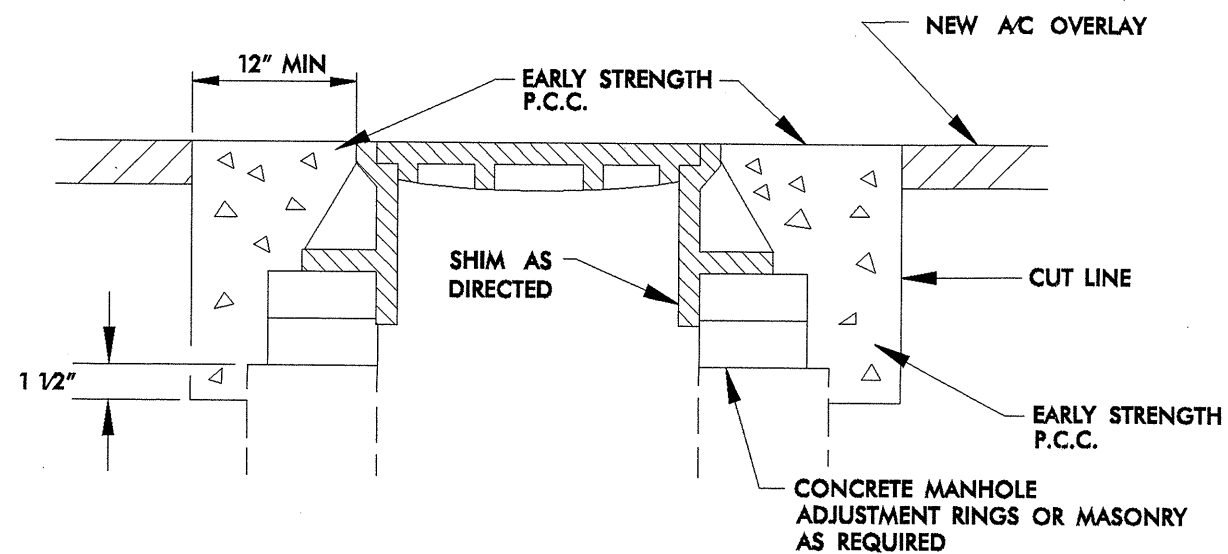


**MILLED TIE-IN DETAIL**  
**MILLED PAVEMENT JOINT AT END OF MAPS 1,2,3**



**SHOULDER DROP OFF REPAIR**

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. VAR. DEPTH ASPHALT CONCRETE SURFACE LEVELING COURSE, TYPE S9.5B
Y1	MILL EXISTING ASPHALT PAVEMENT, 0" TO 1.5" DEPTH
Y2	MILL EXISTING ASPHALT PAVEMENT, 1.5" 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:**

- ALL QUANTITIES ARE "ESTIMATED" AS INDICATED IN THE "SUMMARY OF QUANTITIES".
- CONSTRUCTION SHALL PROGRESS IN PHASES, IN THE ORDER INDICATED BELOW:
  - PHASE 1 - 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.
- 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.
- 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).
- SOME MAPS MAY REQUIRE EXTRA ASPHALT SURFACE (LEVELING) TO BE PLACED TO ELIMINATE UNEVEN PAVEMENT, WASH BOARDING OR TO RE-ESTABLISH THE CROWN. THE QUANTITY AND LOCATION OF THIS ITEM SHALL BE AS DIRECTED BY THE ENGINEER.
- PAPER JOINTS ARE TO BE PLACED BETWEEN DAY'S OF PAVING OPERATIONS AS SPECIFIED IN THE STANDARD SPECIFICATIONS SECTION 610-11.
- ALL MILLED AREAS WILL BE PAVED DURING THE SAME DAYS OPERATION UNLESS APPROVED BY THE ENGINEER.
- 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.

Stokes County 2009 Resurfacing Bridge Listing

Map Number	Route Number	Route Name	Bridge Number	Feature Intersected	Floor Construction	Clear Roadway Width (Ft)	Length (Ft)	Posting	Recommended Treatment From Bridge Maintenance
4	NC 89	NC 89	7	BIG CREEK	8 RC 3.0 AWS	30 Ft.	42 Ft.	NONE	Mill Bridge & Approaches and Pave

PROJECT NO.	SHEET NO.	TOTAL NO.
R-5174	8	9

## SUMMARY OF QUANTITIES

PROJECT NO.	COUNTY	MAP NO.	ROUTE	DESCRIPTION	TYP NO.	LENGTH MI.	WIDTH FT.	FINAL SURFACE TESTING	SHOULDER DROP OFF REPAIR SMI.	INCIDENTAL STONE BASE TONS.	1½" MILLING SY.	VARIABLE DEPTH MILLING 0" - 1½" SY.	SURFACE COURSE, S9.5B TONS.	LEVELING COURSE, S9.5B TONS.	PG 64-22 PLANT MIX TONS.	PATCHING EXISTING PAVEMENT TONS.	ADJUSTMENT OF DROP INLET EA.	ADJUSTMENT OF MANHOLES EA.	ADJUSTMENT OF METER OR VALVE BOX EA.
R-5174	Stokes	1	NC 268	FROM PAVEMENT JOINT AT INTERSECTION OF SR 1199 PILOT-WESTFIELD ROAD TO PAVEMENT JOINT AT INTERSECTION OF NC 66	1	5.35	22	NO	5.35	330		740	6,417	42	388	75			
"	"	2	NC 65	FROM US 311 TO FORSYTH COUNTY LINE	1	5.38	25	NO	5.38	279		850	7,805	16	469	75		3	
"	"	3	NC 66	FROM FORSYTH COUNTY LINE TO SR 1011 MOORE SPRINGS ROAD	1	10.09	22	NO	10.09	552		750	12,334	51	743	400	1	1	9
"	"	4	NC 89	FROM PAVEMENT JOINT AT NC 268 TO PAVEMENT JOINT AT NC 66	1	10.97	21	NO	10.97	321	175	800	12,562	28	756	350			
<b>TOTAL FOR PROJ NO. R-5174</b>						<b>31.79</b>			<b>31.79</b>	<b>1,482</b>	<b>175</b>	<b>3,140</b>	<b>39,118</b>	<b>137</b>	<b>2,356</b>	<b>900</b>	<b>1</b>	<b>4</b>	<b>9</b>
<b>GRAND TOTAL</b>						<b>31.79</b>			<b>31.79</b>	<b>1,482</b>	<b>175</b>	<b>3,140</b>	<b>39,118</b>	<b>137</b>	<b>2,356</b>	<b>900</b>	<b>1</b>	<b>4</b>	<b>9</b>

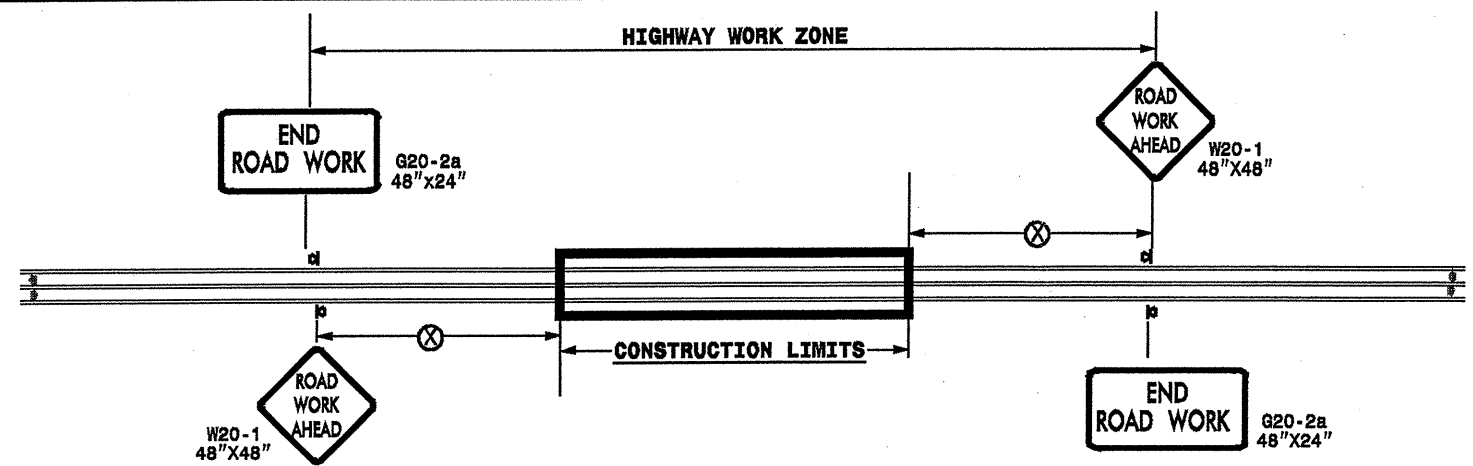


PROJECT NO.	SHEET NO.	TOTAL NO.
R-5174	9	9

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E		4695000000-E		4710000000-E	4721000000-E		4725000000-E			4905000000-N	4589000000-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 WHITE THERMO LF	8" X 90 M YELLOW THERMO LF	24" X 120 M WHITE THERMO LF	THERMO MSG ONLY 120 M EA	THERMO MSG SCHOOL 120 M EA	THERMO RT ARROW 90 M EA	THERMO LT ARROW 90 M EA	THERMO STR & RT ARROW 90 M EA	SNOW PLOWABLE MARKERS EA	TRAFFIC CONTROL LS
R-5174	Stokes	1	NC 268	FROM PAVEMENT JOINT AT INTERSECTION OF SR 1199 PILOT WESTFIELD ROAD TO PAVEMENT JOINT AT INTERSECTION OF NC 66	57,566	56,496										707	*
"	"	2	NC 65	FROM US 311 TO FORSYTH COUNTY LINE	57,889	56,813	675	180	1,015	137	8		1	11	2	355	*
"	"	3	NC 66	FROM FORSYTH COUNTY LINE TO SR 1011 MOORE SPRINGS ROAD	108,568	106,550	420		430	42				5		666	*
"	"	4	NC 89	FROM PAVEMENT JOINT AT NC 268 TO PAVEMENT JOINT AT NC 66	118,037	115,843				125		12				724	*
<b>TOTAL FOR PROJ NO. R-5174</b>					<b>342,060</b>	<b>335,702</b>	<b>1,095</b>	<b>180</b>	<b>1,445</b>	<b>304</b>	<b>8</b>	<b>12</b>	<b>1</b>	<b>16</b>	<b>2</b>	<b>2,452</b>	<b>1</b>
<b>GRAND TOTAL</b>					<b>342,060</b>	<b>335,702</b>	<b>1,095</b>	<b>180</b>	<b>1,445</b>	<b>304</b>	<b>8</b>	<b>12</b>	<b>1</b>	<b>16</b>	<b>2</b>	<b>2,452</b>	<b>1</b>

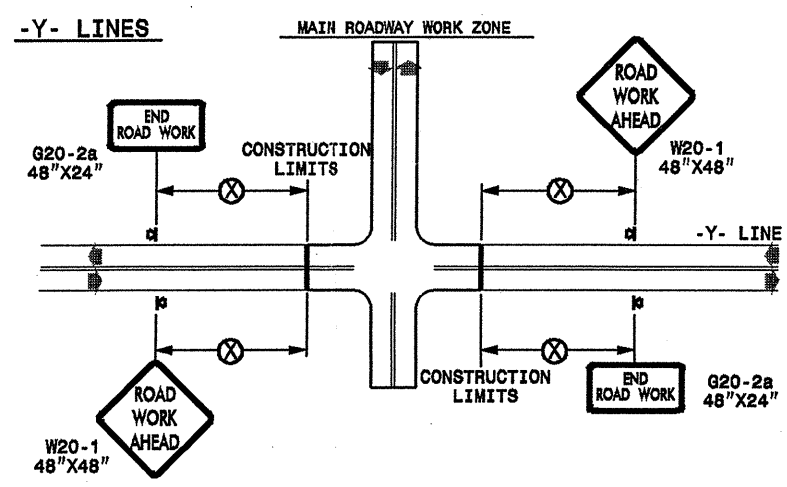
**TWO-WAY UNDIVIDED \*\* (L-LINES)**



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)**



DETAIL DRAWING  
FOR TWO-WAY UNDIVIDED  
WORK ZONE WARNING SIGNS

**GENERAL NOTES**

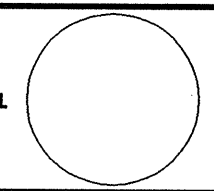
- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCE WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH 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

SHEET 1 OF 1

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

27-APR-2009 2:40:00  
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