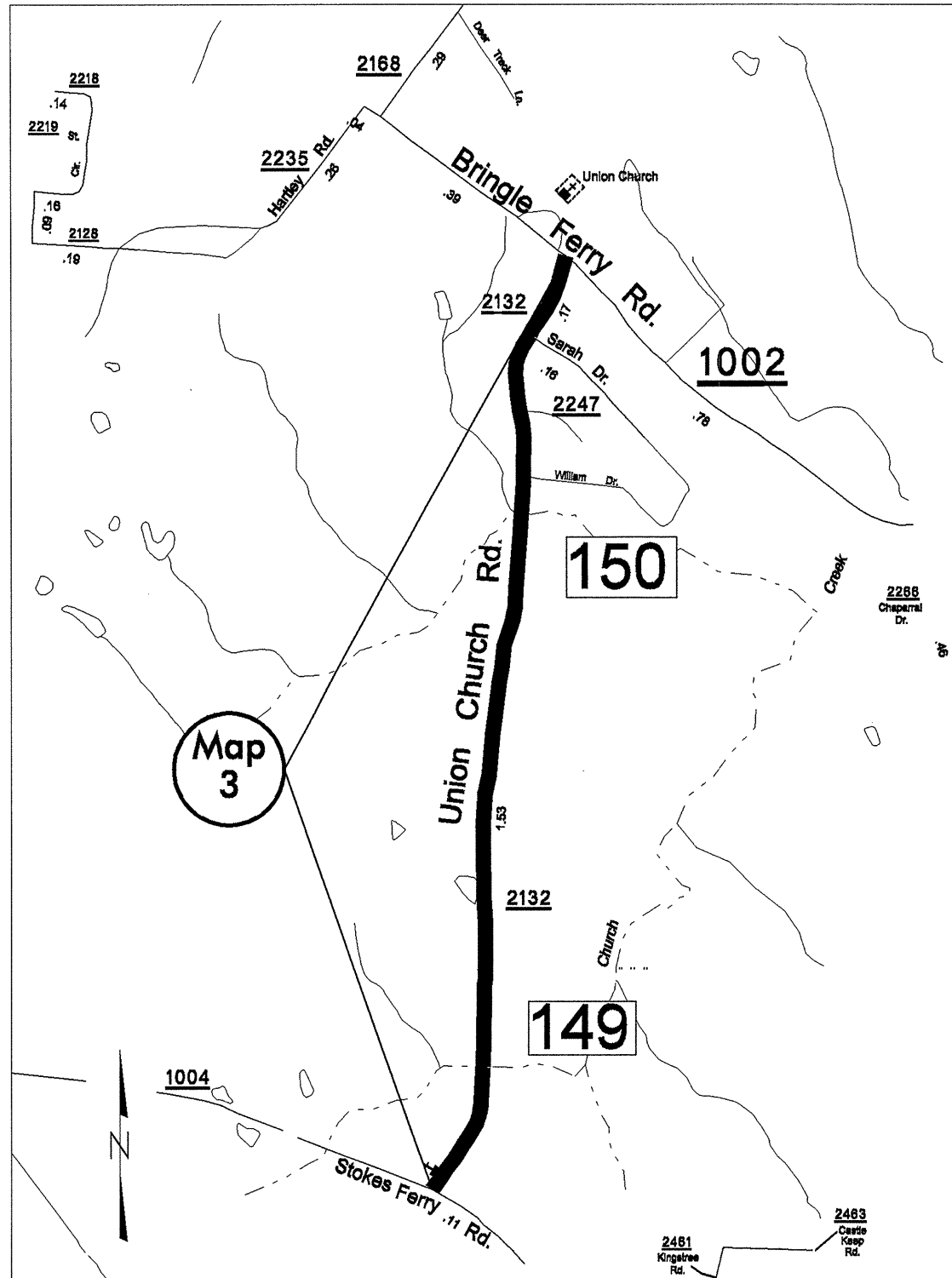
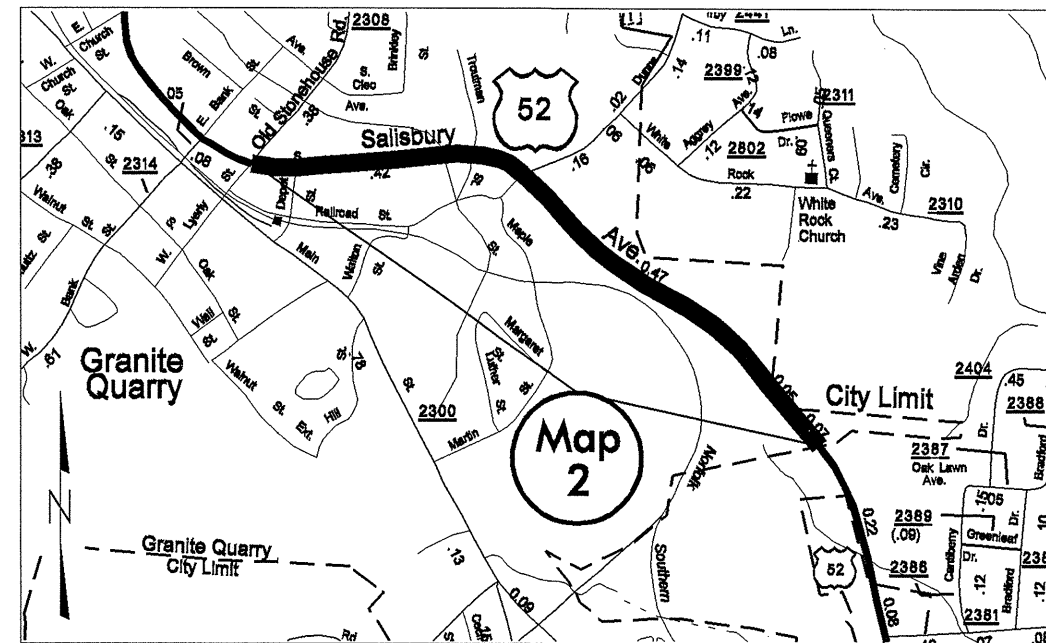


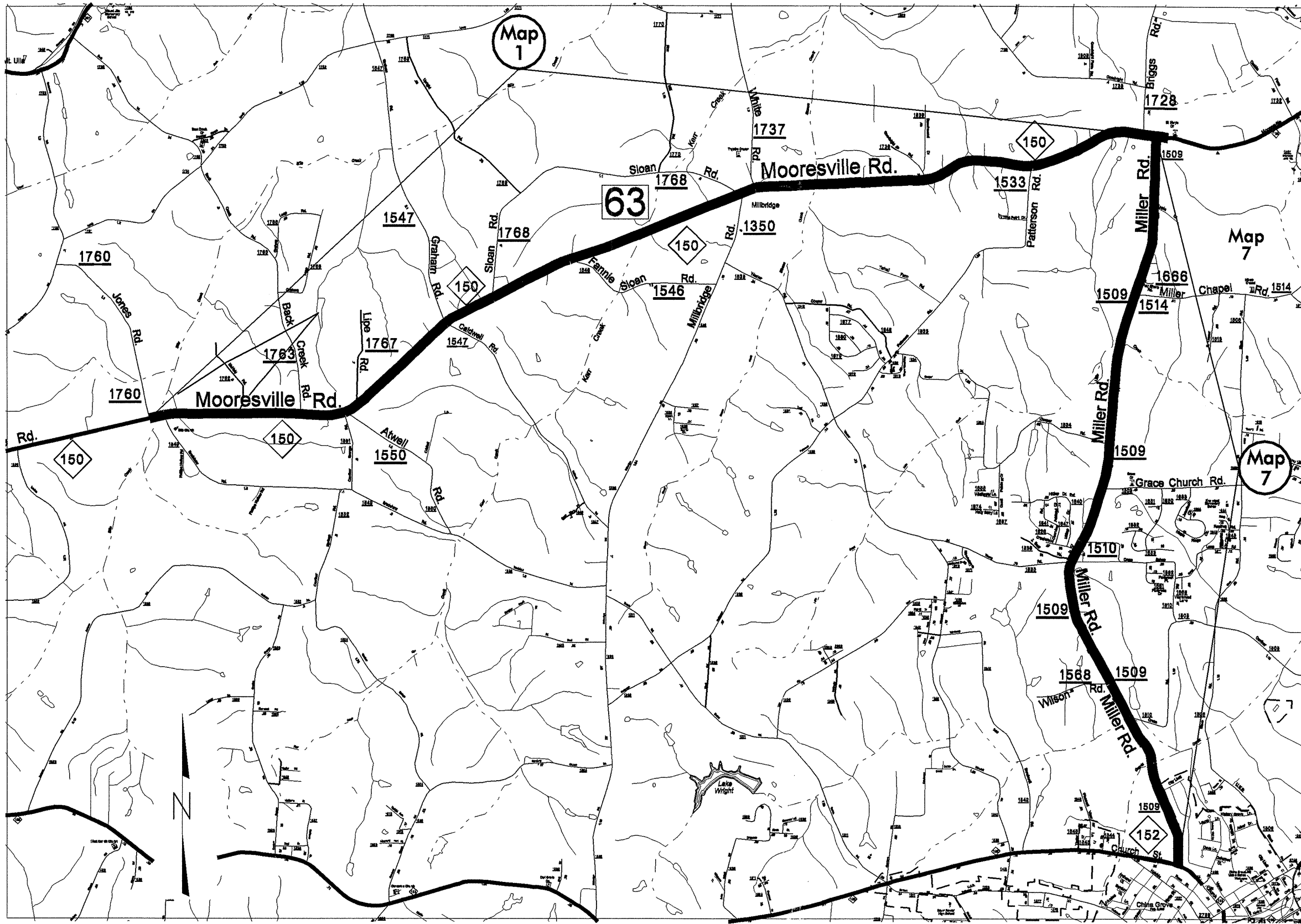
Maps 6 and 9



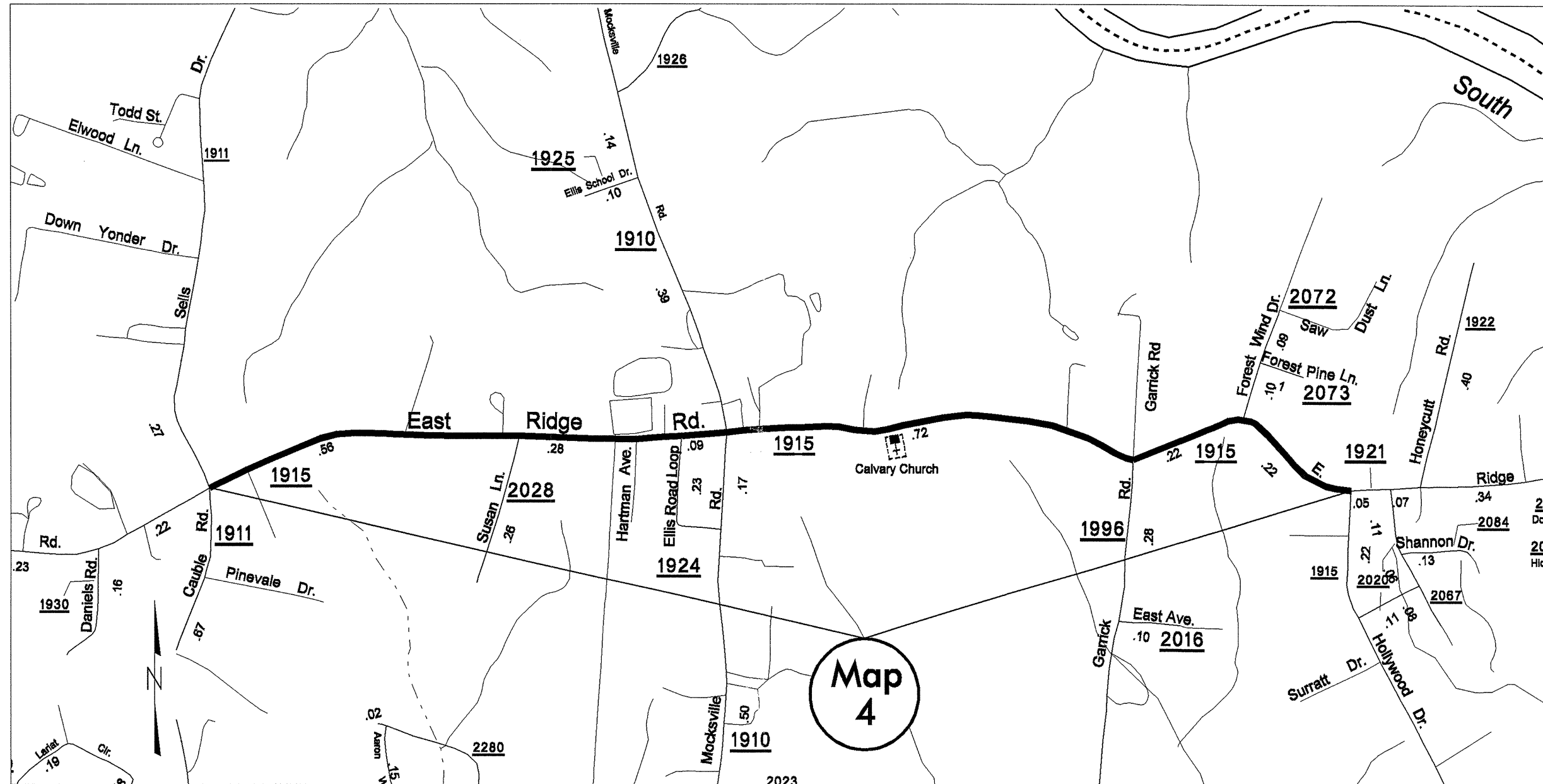
Map 3



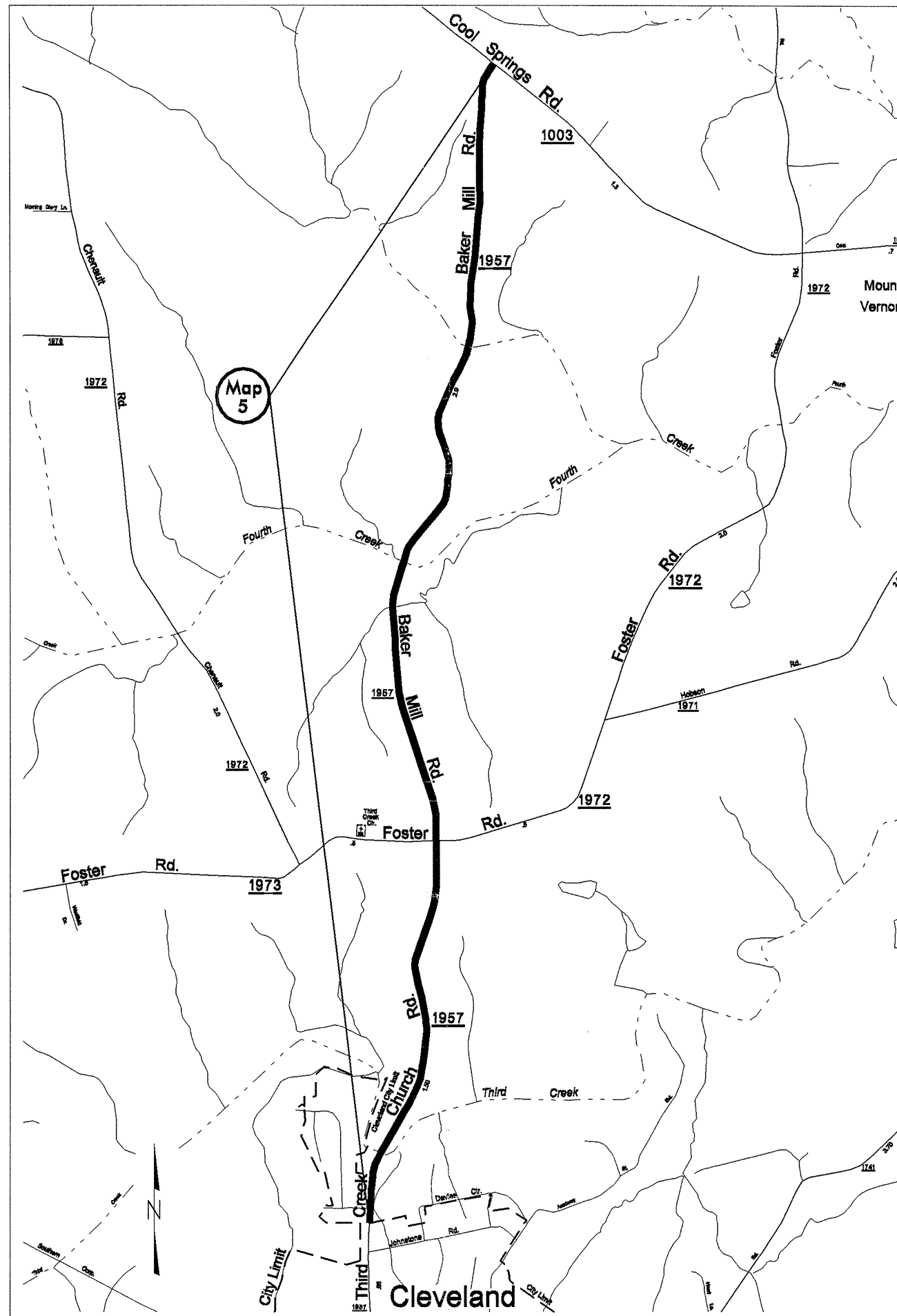
Map 2



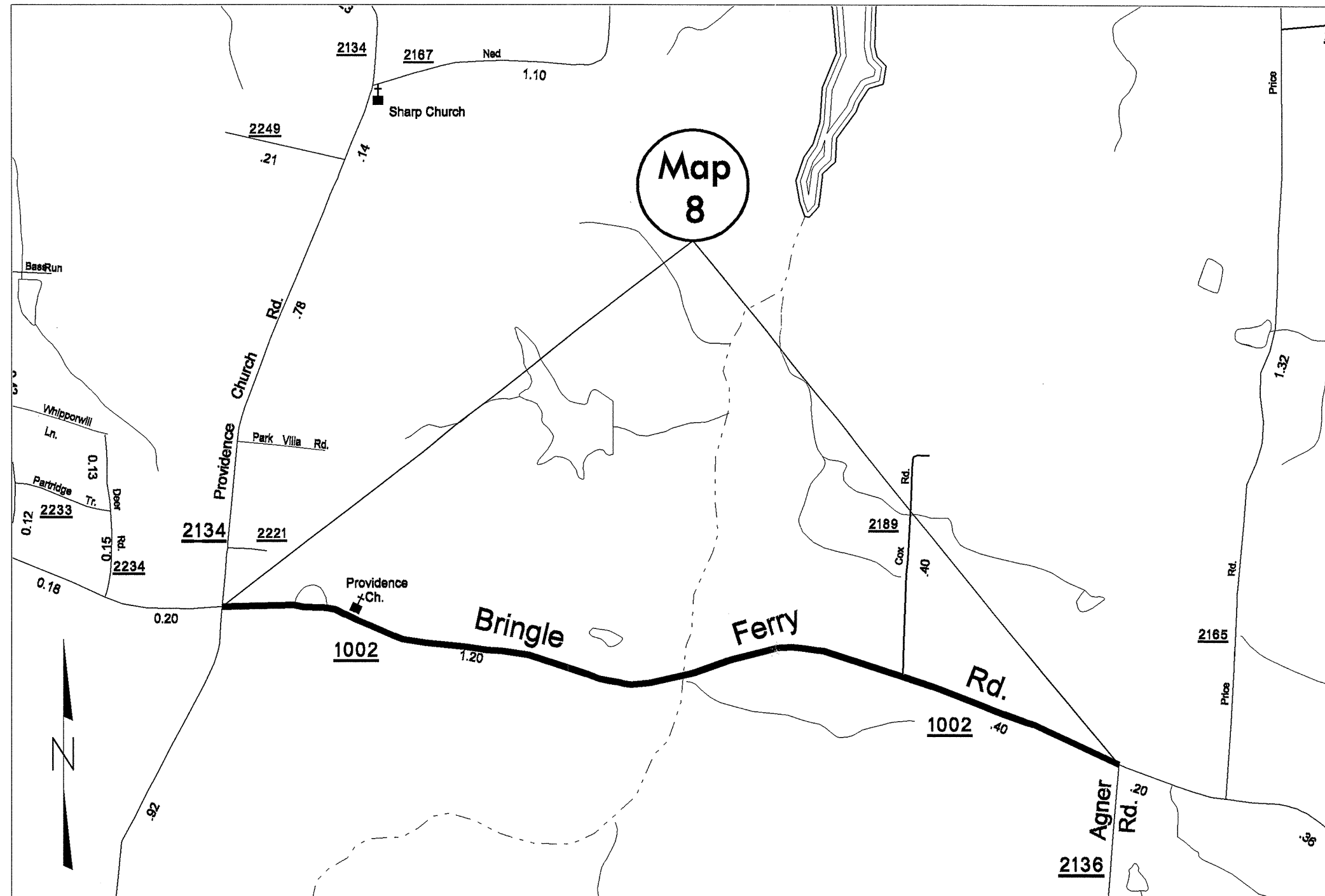
Maps 1 and 7



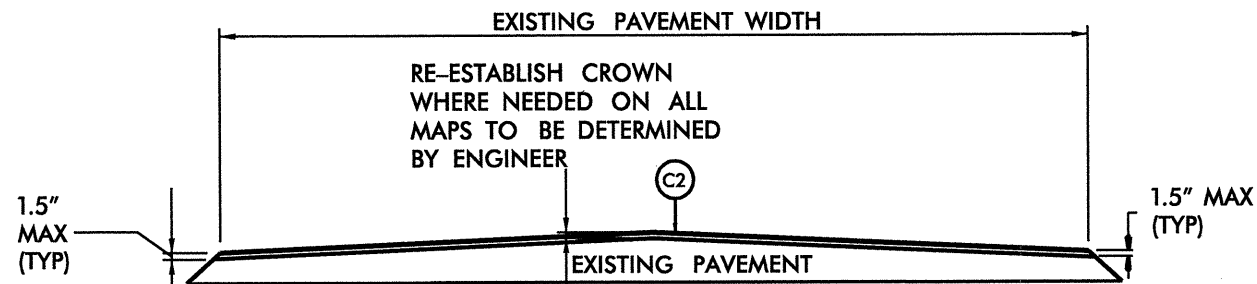
Map 4



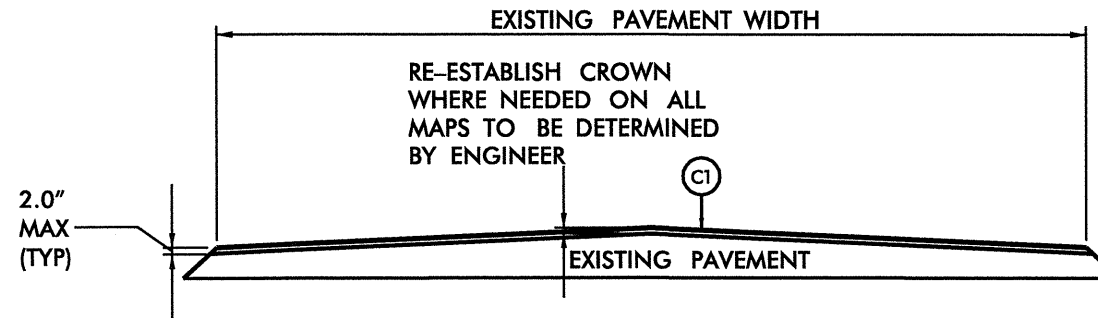
Map 5



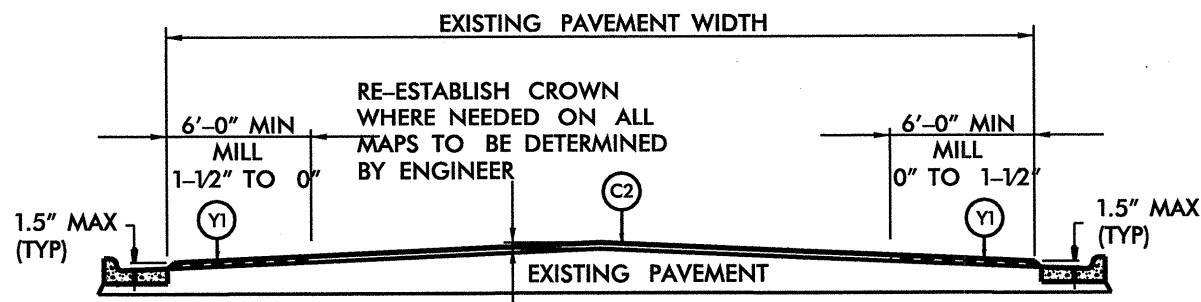
Map 8



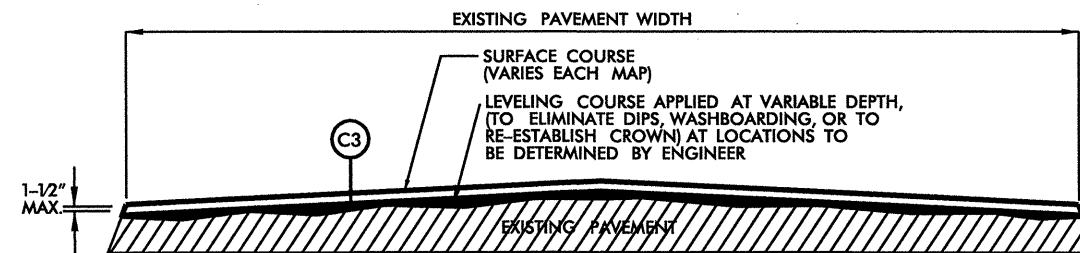
TYPICAL SECTION NO. 1
 MAP NO 1 NC 150 (24 Ft Width)
 MAP NO 8 SR 1002 BRINGLE FERRY RD. (24 Ft Width)
 MAP NO 9 SR 1004 STOKES FERRY RD. (22 Ft Width)



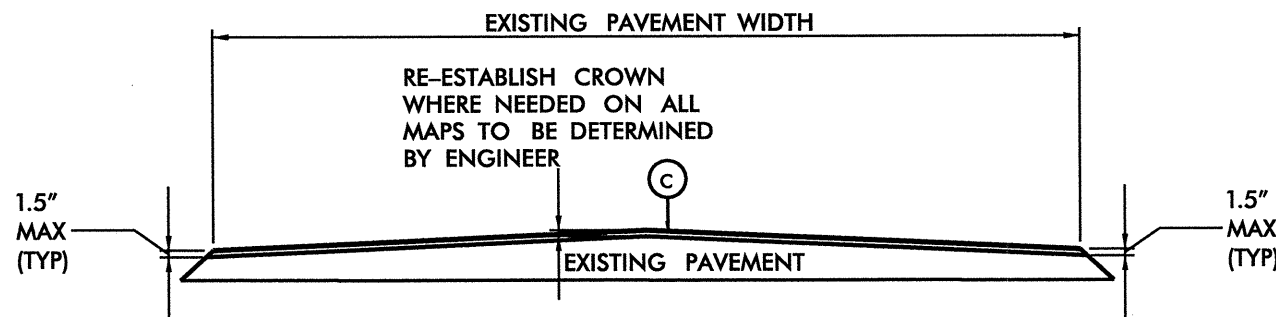
TYPICAL SECTION NO. 4
 MAP NO 5 SR 1957 BAKER MILL RD /THIRD CREEK CHURCH RD
 (22 Ft Width) (BST SECTION)



TYPICAL SECTION NO. 2
 MAP NO 2 US 52 (26 Ft to 39 Ft Width)
 (Curb Length Milling Total=1563 Ft)
 (Varies Left and Right side)
 (One side Milling Length=787 Ft)
 (Two side Milling=776 Ft)

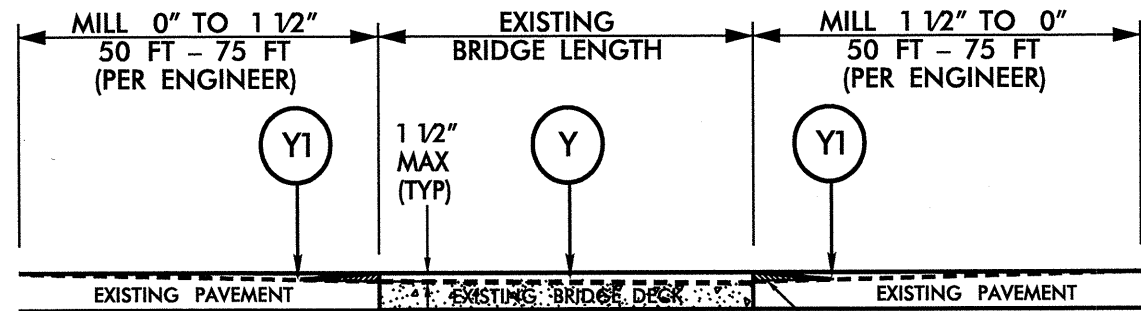


TYPICAL LEVELING DETAIL



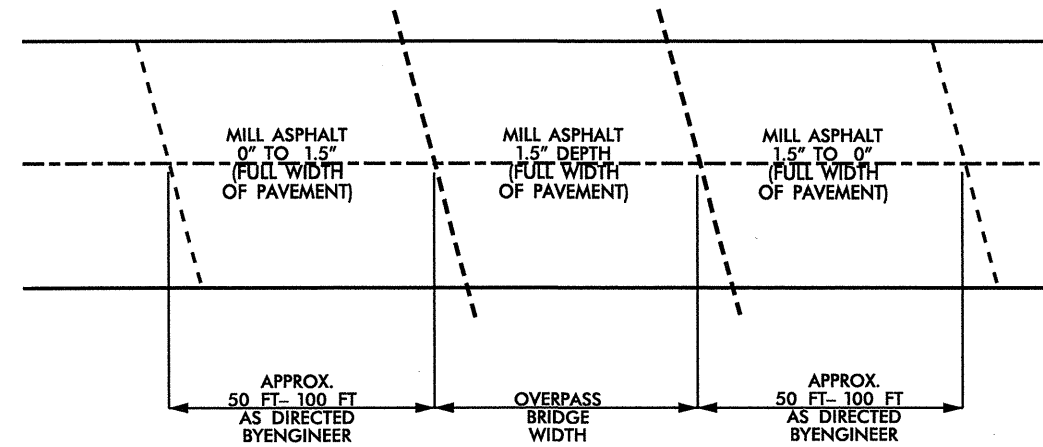
TYPICAL SECTION NO. 3
 MAP NO 3 SR 2132 UNION CHURCH RD. (20 Ft Width)
 MAP NO 4 SR 1915 EAST RIDGE RD. (23 Ft Width)
 MAP NO 5 SR 1957 BAKER MILL RD./THIRD CREEK CH RD. (22 Ft Width)
 MAP NO 6 SR 2140 ST. MATTHEW CH RD. (20 Ft Width)
 MAP NO 7 S SR 1509 MILLER RD. (24 Ft Width)

| 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. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 224 LBS PER SQ YD |
| C2 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD |
| C3 | PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE LEVELING COURSE, TYPE S9.5B |
| Y | MILL ASPHALT PAVEMENT, 1.5" DEPTH |
| Y1 | MILL ASPHALT PAVEMENT, 0" TO 1.5" DEPTH |

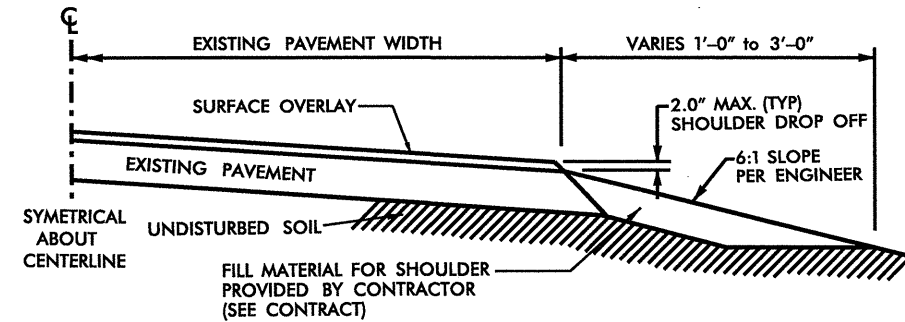


DETAIL A
MILL BRIDGE DECK AND APPROACHES
 (SEE BRIDGE DATA SHEET FOR PAVING INSTRUCTIONS)

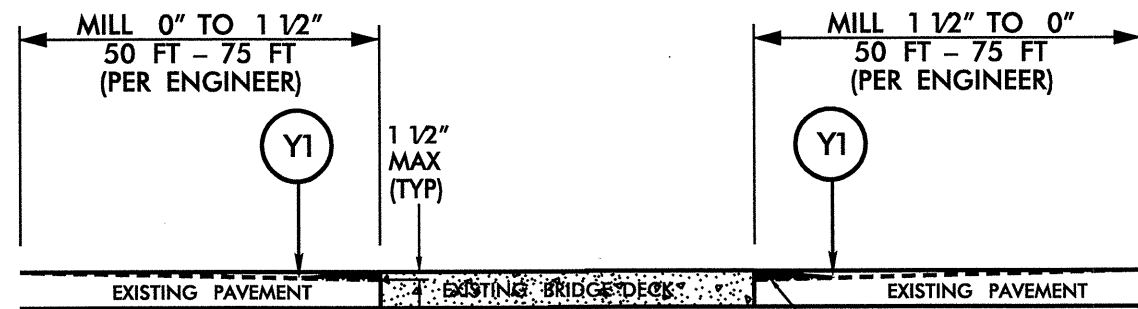
TEMPORARY ASPHALT WEDGING
 (TYPICAL BOTH SIDES OF BRIDGE)
 IF APPROACHES ARE MILLED PRIOR
 TO MILLING BRIDGE DECK



**PLAN VIEW FOR MILLING
 ASPHALT PAVEMENT UNDER OVERPASS**



SHOULDER DROP OFF REPAIR



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

TEMPORARY ASPHALT WEDGING
 (TYPICAL BOTH SIDES OF BRIDGE)

| 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. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 224 LBS PER SQ YD |
| C2 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD |
| C3 | PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE LEVELING COURSE, TYPE S9.5B |
| Y | MILL ASPHALT PAVEMENT, 1.5" DEPTH |
| Y1 | MILL ASPHALT PAVEMENT, 0" TO 1.5" DEPTH |

Rowan 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 |
|---------|-----------|---------------------------------|------------|-------------------------|----------------------|--------------------------|-------------|------------------|--|
| 1 | NC 150 | NC 150 | 63 | KERR CREEK | 7.75 RC, 5 AWS | 28 | 122 | N/A | NOTIFY ENGINEER THREE WEEKS PRIOR TO BEGINNING MAP/ Mill Bridge Deck 1-1/2", Mill Approaches |
| 3 | SR 2132 | UNION CHURCH RD | 149 | N. PRONG OF CURCH CREEK | STL DK, 2.5 AWS | 24 | 61 | SV 21 TTST 29 | NOTIFY ENGINEER THREE WEEKS PRIOR TO BEGINNING MAP/ Mill Bridge Deck 1-1/2", Mill Approaches |
| 3 | SR 2132 | UNION CHURCH RD | 150 | CREEK | 10 GA. STL, 4 AWS | 24 | 60 | SV 17 TTST 20 | NOTIFY ENGINEER THREE WEEKS PRIOR TO BEGINNING MAP/ Mill Bridge Deck 1-1/2", Mill Approaches |
| 5 | SR 1957 | BAKER MILL RD/THIRD CREEK CH RD | 33 | THIRD CREEK | PPC.C.S., 2 AWS | 24.1 | 128 | N/A | Mill Deck 1-1/2", Mill Approaches |
| 5 | SR 1957 | BAKER MILL RD/THIRD CREEK CH RD | 38 | FOURTH CREEK | PPC.C.S., 3 AWS | 24.2 | 112 | N/A | Mill Deck 1-1/2", Mill Approaches |
| 5 | SR 1957 | BAKER MILL RD/THIRD CREEK CH RD | 39 | FOURTH CREEK BRANCH | STL. PLANK, 2 AWS | 24.1 | 41 | N/A | NOTIFY ENGINEER THREE WEEKS PRIOR TO BEGINNING MAP/ Mill Bridge Deck 1-1/2", Mill Approaches |
| 7 | SR 1509 | MILLER RD | 213 | LITTLE CREEK | 4X8 TIM., 5 AWS | 24.5 | 46 | SV 10 TTST 13 | Mill Deck 1-1/2", Mill Approaches |

| | | |
|--------------------------|-----------|-----------|
| PROJECT NO. | SHEET NO. | TOTAL NO. |
| 9CR.10801.6, 9CR.20801.6 | 10 | 11 |

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 | 1½" MILLING SY | 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 |
|---------------------------------------|--------|--------|---|---|--------|--------------|----------|------------------------------|----------------------------|----------------|----------------------|----------------------------|-----------------------------|----------------------------|-------------------------|-------------------------|---------------------------------|
| 9CR.10801.6 | Rowan | 1 | NC 150 - MOORESVILLE RD | JONES RD SR 1760 THRU INTERSECTION OF MILLER RD SR 1509 | 1 | 7.65 | 24 | 3.06 | 306 | 389 | 311 | | 7 | 10,095 | 0.5 | 606 | 15 |
| | | 2 | US 52 | PJ @ OLD STONE HOUSE RD SR 2308 TO GRANITE QUARRY SOUTH C.L. | 2 | 1.41 | 26-39 | 0.56 | 56 | | 1560 | | 7 | 2,565 | 0.5 | 154 | 15 |
| TOTAL FOR PROJ NO. 9CR.10801.6 | | | | | | 9.06 | | 3.62 | 362 | 389 | 1871 | | 14 | 12,660 | 1.0 | 760 | 30 |
| 9CR.20801.6 | Rowan | 3 | SR 2132 UNION CHURCH RD | PJ @ STOKES FERRY RD SR 1004 TO PJ @ BRINGLE FERRY RD SR 1002 | 3 | 1.58 | 20 | 0.63 | 63 | 323 | 534 | 1724 | 375 | | 128 | | 15 |
| | | 4 | SR 1915 EAST RIDGE RD | PJ @ HOLLYWOOD DR SR 1915 TO PJ @ CAUBLE RD SR 1911 | 3 | 2.08 | 23 | 0.83 | 83 | | | 2607 | 7 | | 157 | | 15 |
| | | 5 | SR 1957 BAKER MILL RD/THIRD CREEK CH RD | PJ @ COOL SPRINGS RD SR 1003 TO FOSTER RD SR 1972 | 4 | 2.82 | 22 | 1.13 | 113 | 410 | 535 | 4518 | 7 | | 272 | | 15 |
| | | " | " | SR 1972 FOSTER RD TO PJ @ CLEVELAND CITY LIMITS | 3 | 1.24 | 22 | 0.5 | 50 | 345 | 270 | 1487 | 7 | | 90 | | 15 |
| TOTAL FOR MAP NO. 5 | | | | | | 4.06 | | 1.63 | 163 | 755 | 805 | 6005 | 14 | | 362 | | 30 |
| | | 6 | SR 2140 ST MATTHEWS CHURCH RD | BRINGLE FERRY SR 1002 TO PJ BEFORE STOKES FERRY RD SR 1004 | 3 | 2.84 | 20 | 1.14 | 114 | | | 3098 | 7 | | 186 | | 15 |
| | | 7 | SR 1509 MILLER RD | NC 150 TO NC 152 | 3 | 5.42 | 24 | 2.17 | 217 | 125 | 267 | 7088 | 7 | | 426 | | 15 |
| | | 8 | SR 1002 BRINGLE FERRY RD | PJ BEFORE PROVIDENCE CH RD SR 2134 TO PJ AFTER AGNER RD SR 2136 | 1 | 1.66 | 24 | 0.66 | 66 | | | | 7 | 2,336 | 0.5 | 173 | 15 |
| | | 9 | SR 1004 STOKES FERRY RD | LIBERTY RD SR 2140 TO CASPER RD, SR 2411 | 1 | 4.36 | 22 | 1.74 | 174 | | | | 7 | 5,229 | 0.5 | 328 | 15 |
| TOTAL FOR PROJ NO. 9CR.20801.6 | | | | | | 22 | | 8.8 | 880 | 1203 | 1606 | 20522 | 424 | 7,565 | 1,260.0 | 501 | 120 |
| GRAND TOTAL | | | | | | 31.06 | | 12.42 | 1242 | 1592 | 3477 | 20522 | 438 | 20,225 | 1,261 | 1,261 | 150 |

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

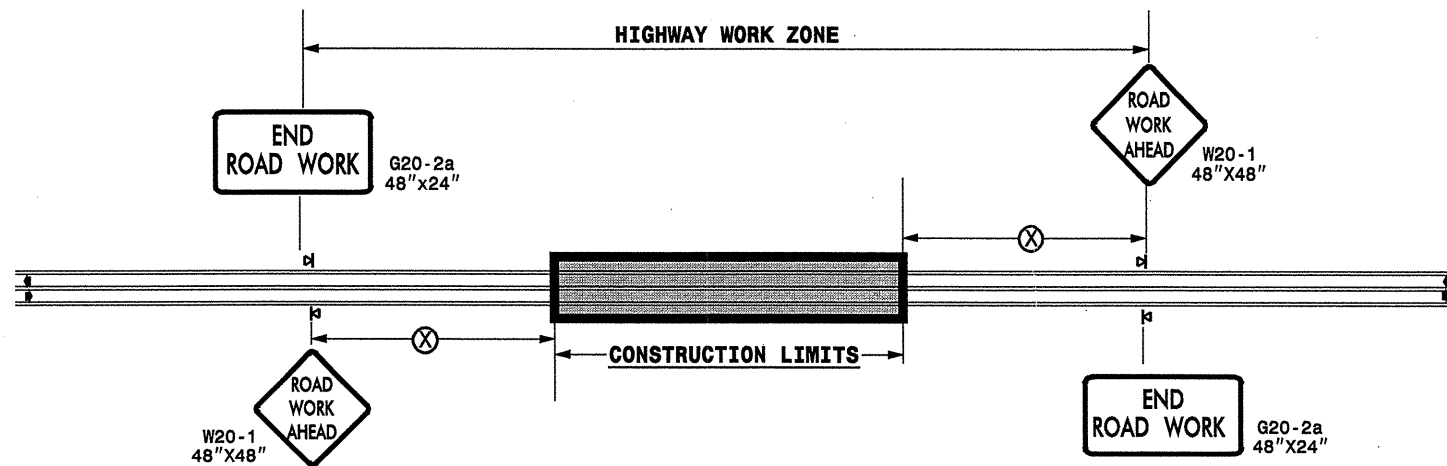
| | | |
|--------------------------|-----------|-----------|
| PROJECT NO. | SHEET NO. | TOTAL NO. |
| 9CR.10801.6, 9CR.20801.6 | 11 | 11 |

THERMOPLASTIC AND PAINT QUANTITIES

| PROJECT NO | COUNTY | MAP NO | ROUTE | DESCRIPTION | 4510000000-E | 4685000000-E | 4686000000-E | 4695000000-E | 4710000000-E | 4721000000-E | 4725000000-E | 4905000000-N | | | | | |
|---------------------------------------|--------|--------|---|---|--------------|------------------------|--------------------------|-------------------------|------------------------|-------------------------|--------------------------|-----------------------|-------------------------|----------------------|----------------------|-----------------------|-----------------------|
| | | | | | POLICE | 4" X 90 M WHITE THERMO | 4" X 120 M YELLOW THERMO | 4" X 120 M WHITE THERMO | 8" X 90 M WHITE THERMO | 8" X 90 M YELLOW THERMO | 24" X 120 M WHITE THERMO | THERMO MSG ONLY 120 M | THERMO MSG SCHOOL 120 M | THERMO LT ARROW 90 M | THERMO RT ARROW 90 M | THERMO STR ARROW 90 M | SNOW PLOWABLE MARKERS |
| | | | | | HR | LF | LF | LF | LF | LF | EA | EA | EA | EA | | | |
| 9CR.10801.6 | Rowan | 1 | NC 150 - MOORESVILLE RD | JONES RD SR 1760 THRU INTERSECTION OF MILLER RD SR 1509 | 10 | 82,314 | 82,314 | 212 | | 26 | | | | 505 | | | |
| | | 2 | US 52 | PJ @ OLD STONE HOUSE RD SR 2308 TO GRANITE QUARRY SOUTH C.L. | | 14,890 | 29,779 | 355 | 135 | 80 | 4 | 6 | 22 | 93 | | | |
| TOTAL FOR PROJ NO. 9CR.10801.6 | | | | | 10 | 97,204 | 112,093 | 567 | 135 | 106 | 4 | 6 | 22 | 598 | | | |
| | | | | | | | 112,660 | | 135 | | 10 | | 22 | | | | |
| 9CR.20801.6 | Rowan | 3 | SR 2132 UNION CHURCH RD | PJ @ STOKES FERRY RD SR 1004 TO PJ @ BRINGLE FERRY RD SR 1002 | 10 | 17,001 | 17,001 | 20 | | | | | | | | | |
| | | 4 | SR 1915 EAST RIDGE RD | PJ @ HOLLYWOOD DR SR 1915 TO PJ @ CAUBLE RD SR 1911 | | 21,965 | 21,965 | | | 52 | | | | | | | |
| | | 5 | SR 1957 BAKER MILL RD/THIRD CREEK CH RD | PJ @ COOL SPRINGS RD SR 1003 TO FOSTER RD SR 1972 | | 30,343 | 30,343 | 40 | | 24 | | | | | | | |
| | | " | " | SR 1972 FOSTER RD TO PJ @ CLEVELAND CITY LIMITS | | 13,342 | 13,342 | | | | | | | | | | |
| TOTAL FOR MAP NO. 5 | | | | | | 43,686 | 43,686 | 40 | | 24 | | | | | | | |
| | | 6 | SR 2140 ST MATTHEWS CHURCH RD | BRINGLE FERRY SR 1002 TO PJ BEFORE STOKES FERRY RD SR 1004 | | 29,990 | 29,990 | 100 | | | | | | | | | |
| | | 7 | SR 1509 MILLER RD | NC 150 TO NC 152 | | 58,319 | 58,319 | 134 | | 25 | | | | | | | |
| | | 8 | SR 1002 BRINGLE FERRY RD | PJ BEFORE PROVIDENCE CH RD SR 2134 TO PJ AFTER AGNER RD SR 2136 | | 17,862 | 20,960 | 146 | | 108 | 100 | | 3 | 1 | 3 | | |
| | | 9 | SR 1004 STOKES FERRY RD | PJ AFTER LIBERTY RD SR 2140 TO CASPER RD SR 2411 | | 46,042 | 46,042 | 260 | | | | | 3 | 1 | 3 | | |
| TOTAL FOR PROJ NO. 9CR.20801.6 | | | | | 10 | 234,863 | 237,962 | 700 | 108 | 201 | | | 3 | 1 | 3 | | |
| | | | | | | | 238,662 | | 108 | | | | 7 | | | | |
| GRAND TOTAL | | | | | 20 | 332,067 | 350,055 | 1,267 | 135 | 108 | 307 | 4 | 6 | 25 | 1 | 3 | 598 |
| | | | | | | | 351,322 | | 243 | | 10 | | 29 | | | | |

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

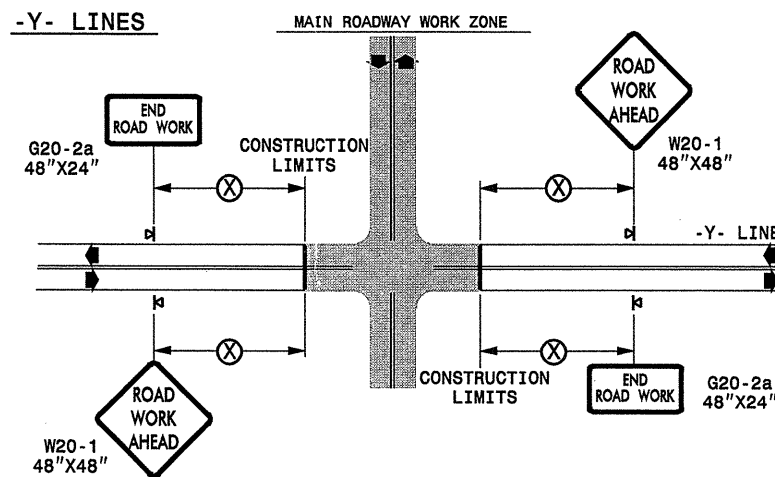
TWO-WAY UNDIVIDED ** (L-LINES)



| 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.

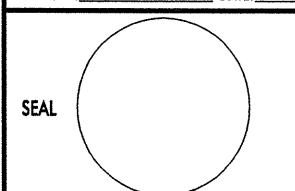
LEGEND

◀ 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 | |
|  | | | |
| | | DATE: _____ | 7-98 |
| DESIGN BY: _____ | 10-98 | 03/04 | |
| REVIEWED BY: _____ | 01/01 | 11/04 | |

18-SEP-2007 18:45
 \\DOT\DFSROOT\GROUPS-WZTCC\design\group4\resur-facing\resur-facing2007\div09\c201909_9cr10801eetc_rowan_nci50eetc_9cr10801eetc_2wayundivurbfrwysjuly2006.dgn
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