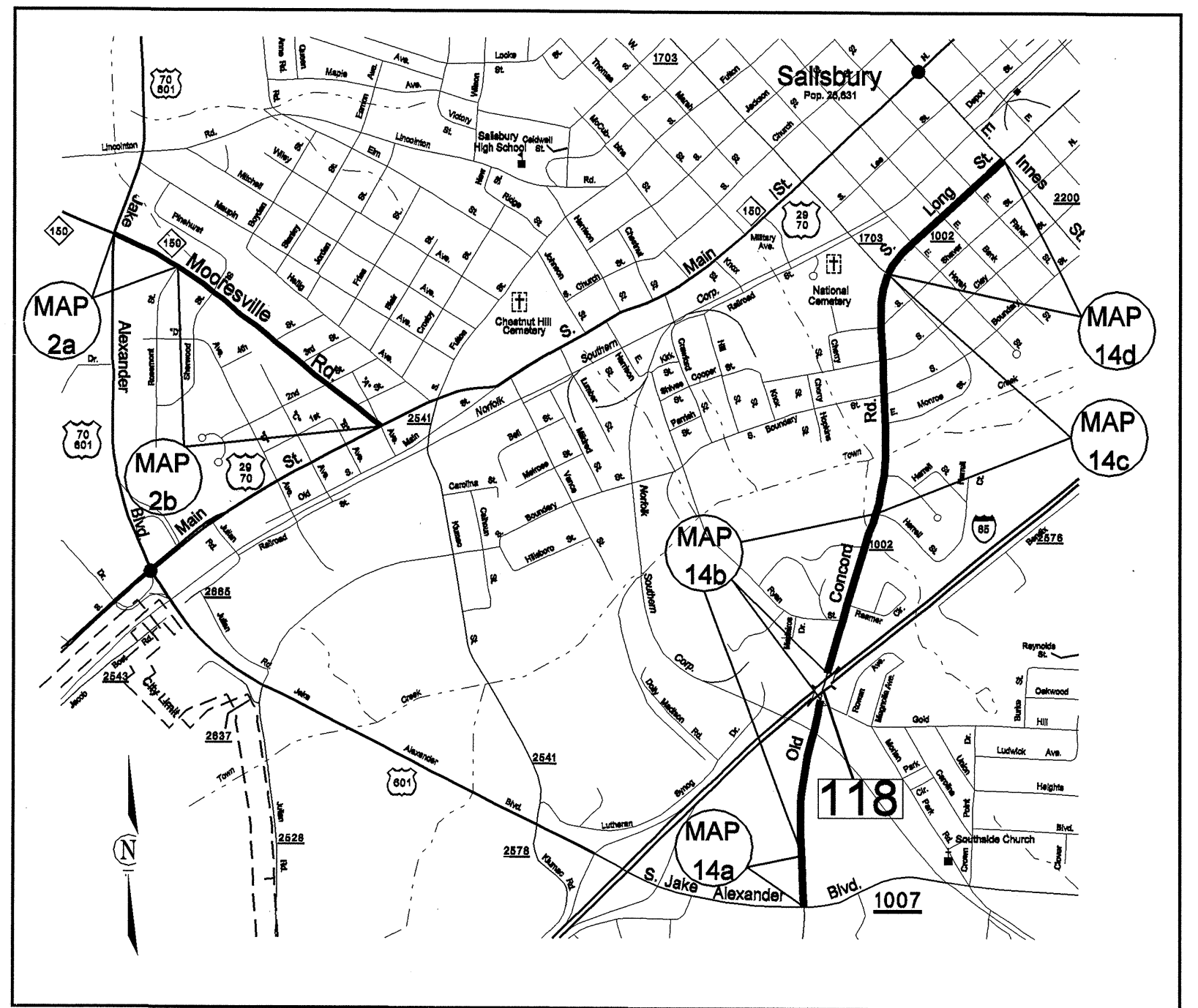
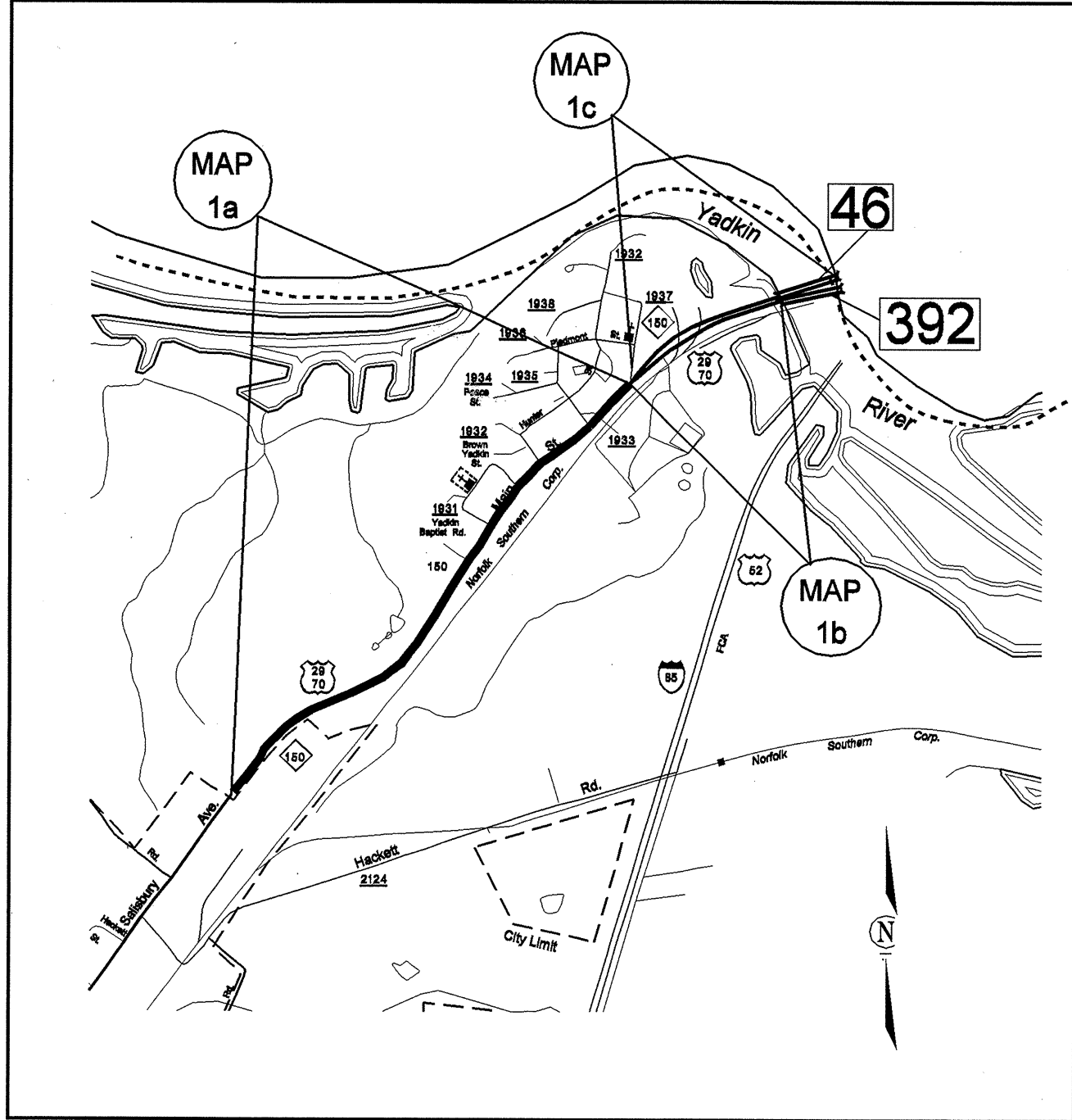


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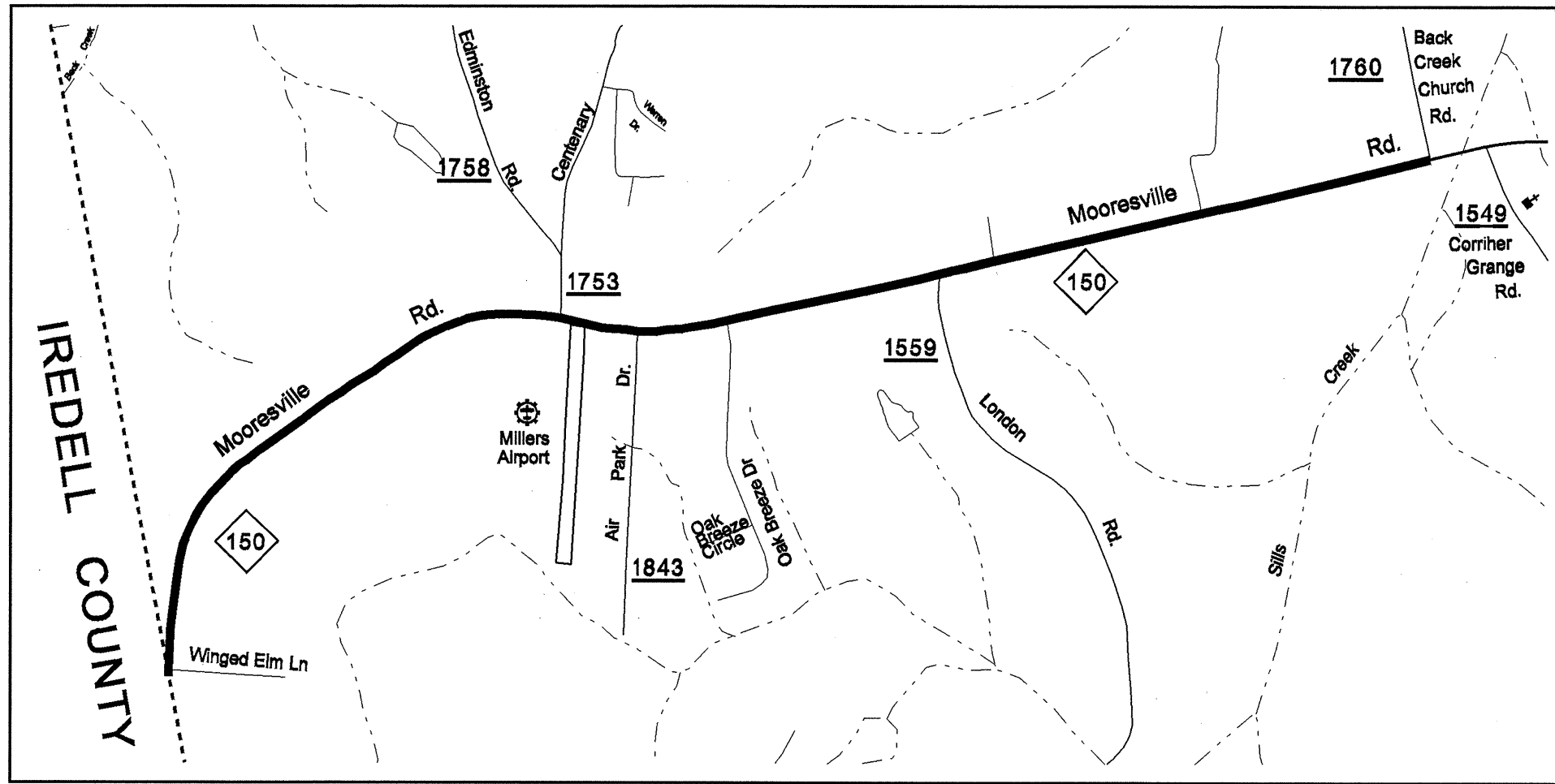


MAP 1

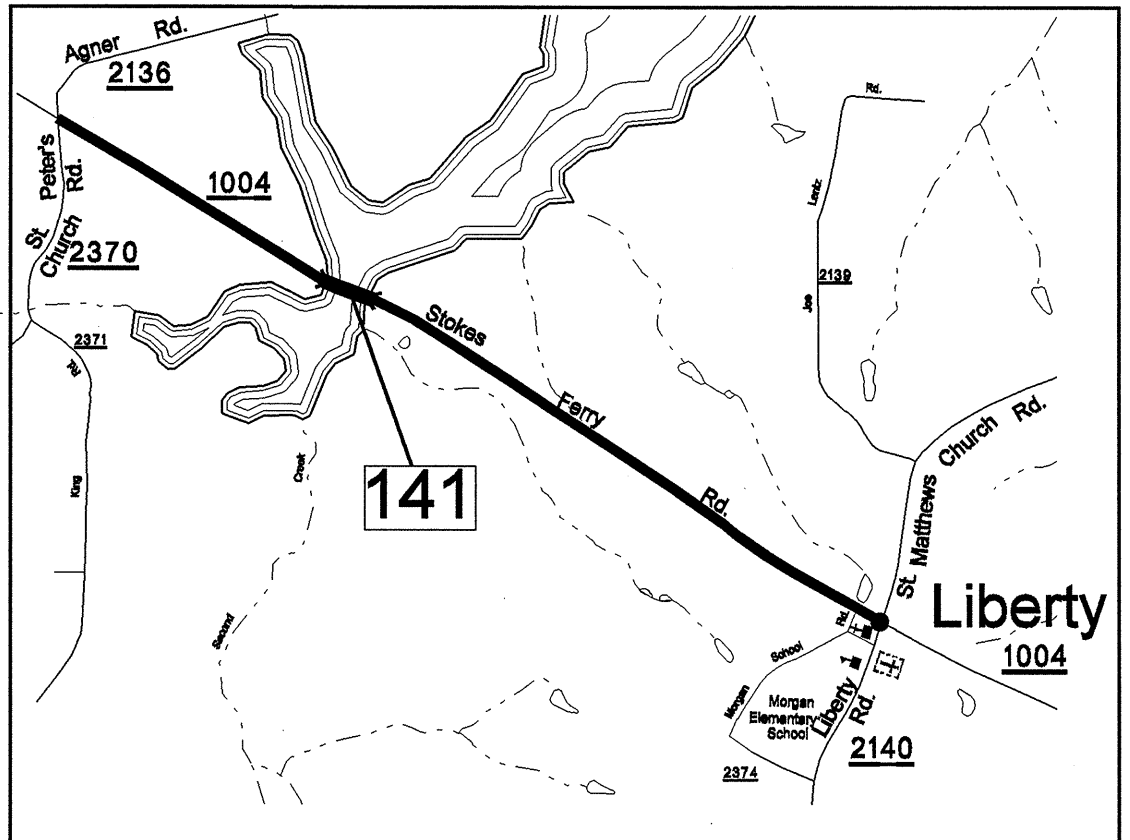
ROWAN COUNTY

NORTH CAROLINA

MAPS 2 AND 14

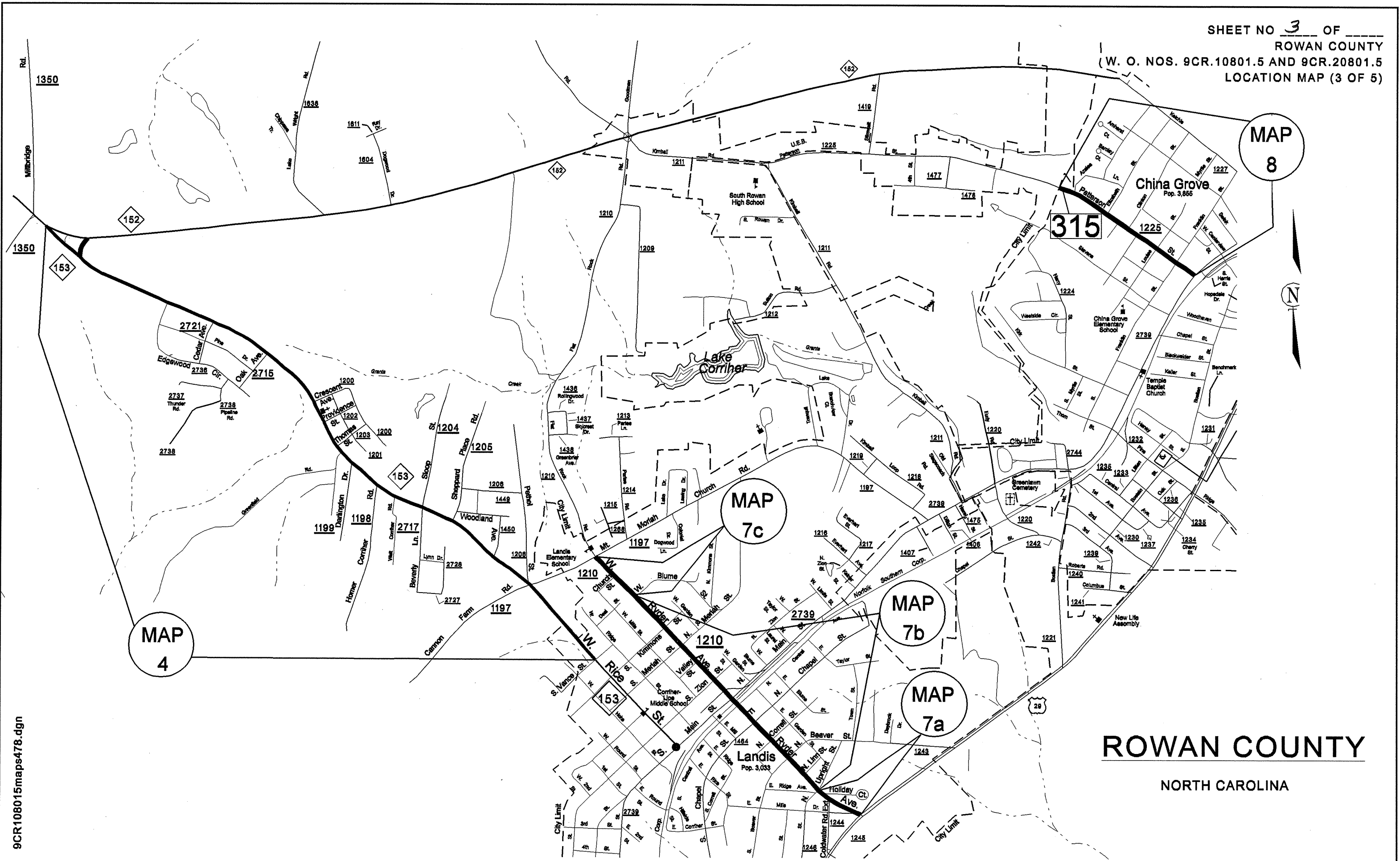


MAP 3



MAP 13

ROWAN COUNTY
NORTH CAROLINA



MAP 4

MAP 7c

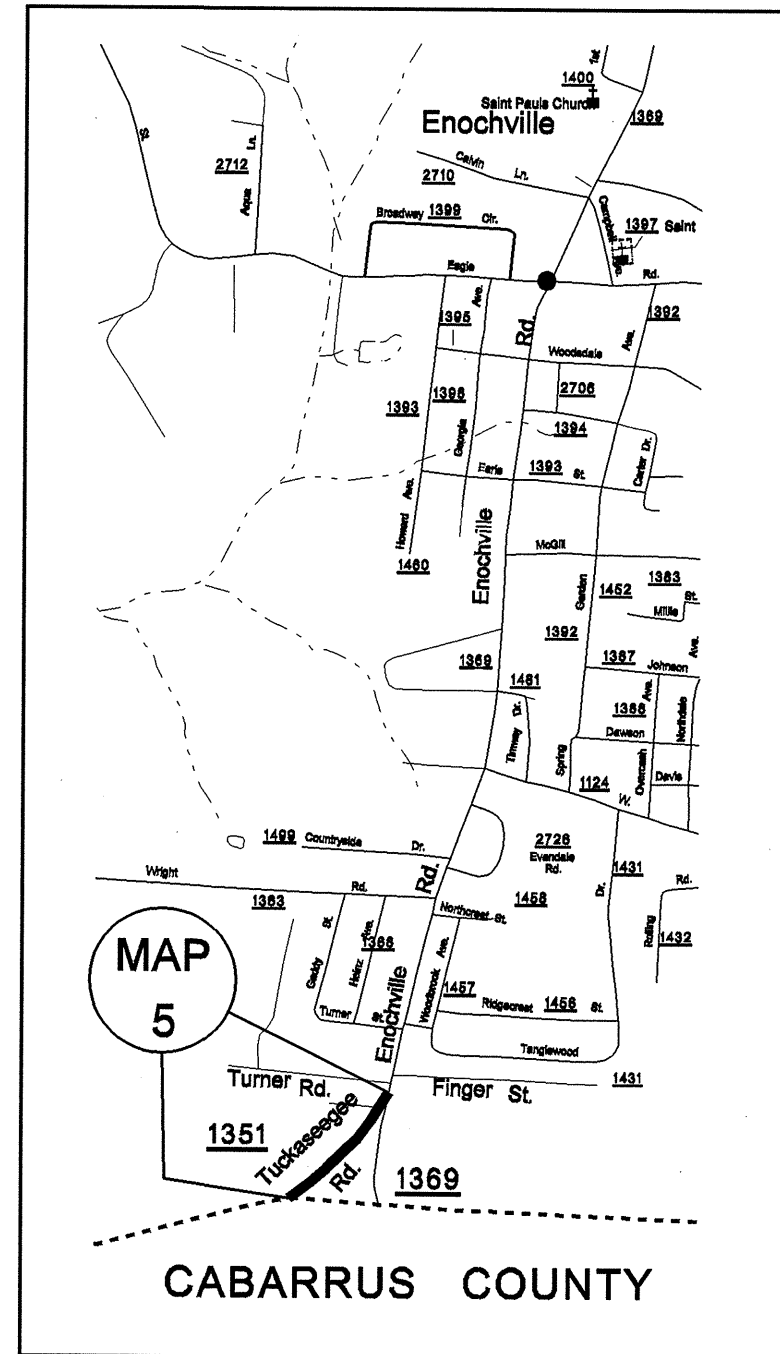
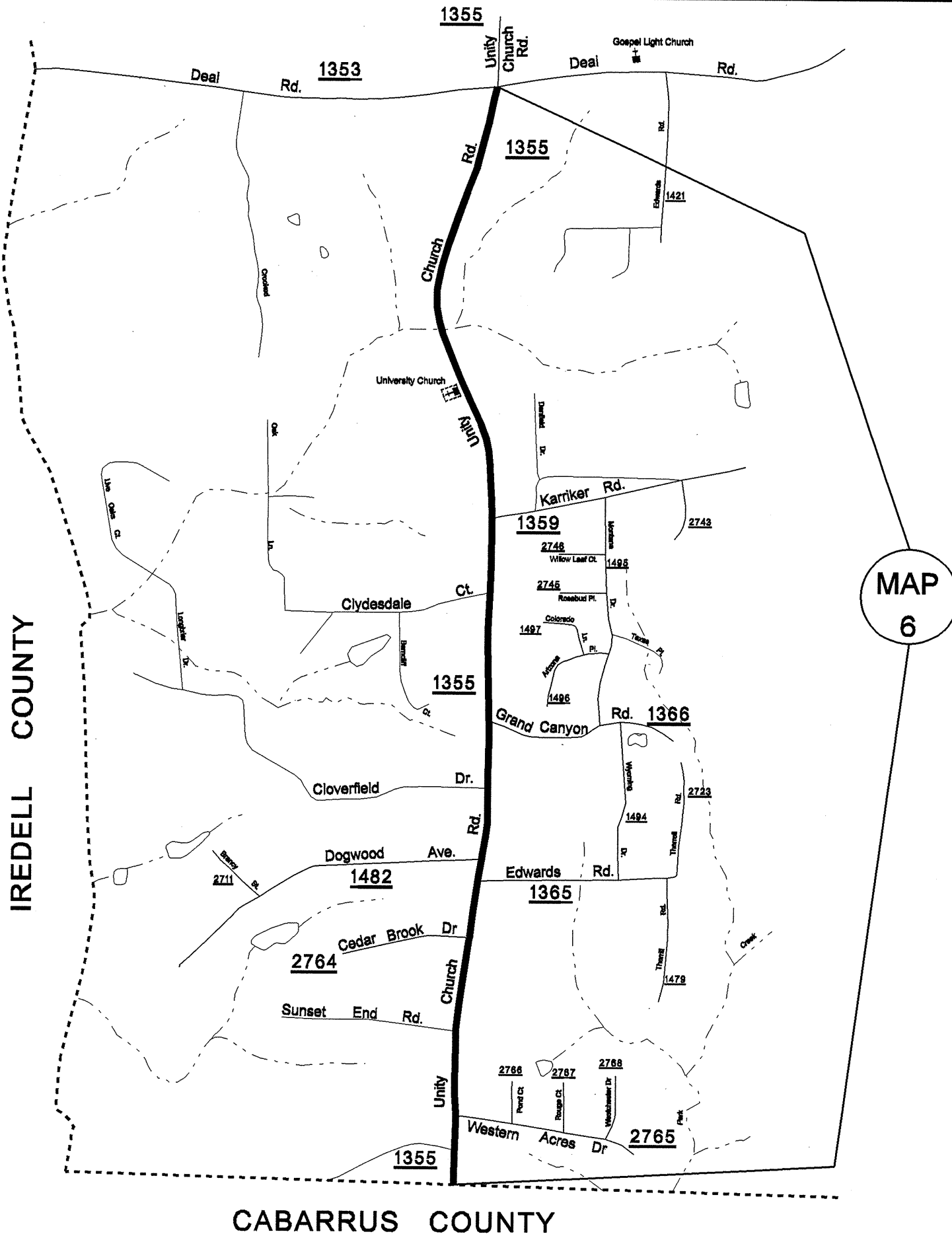
MAP 7b

MAP 7a

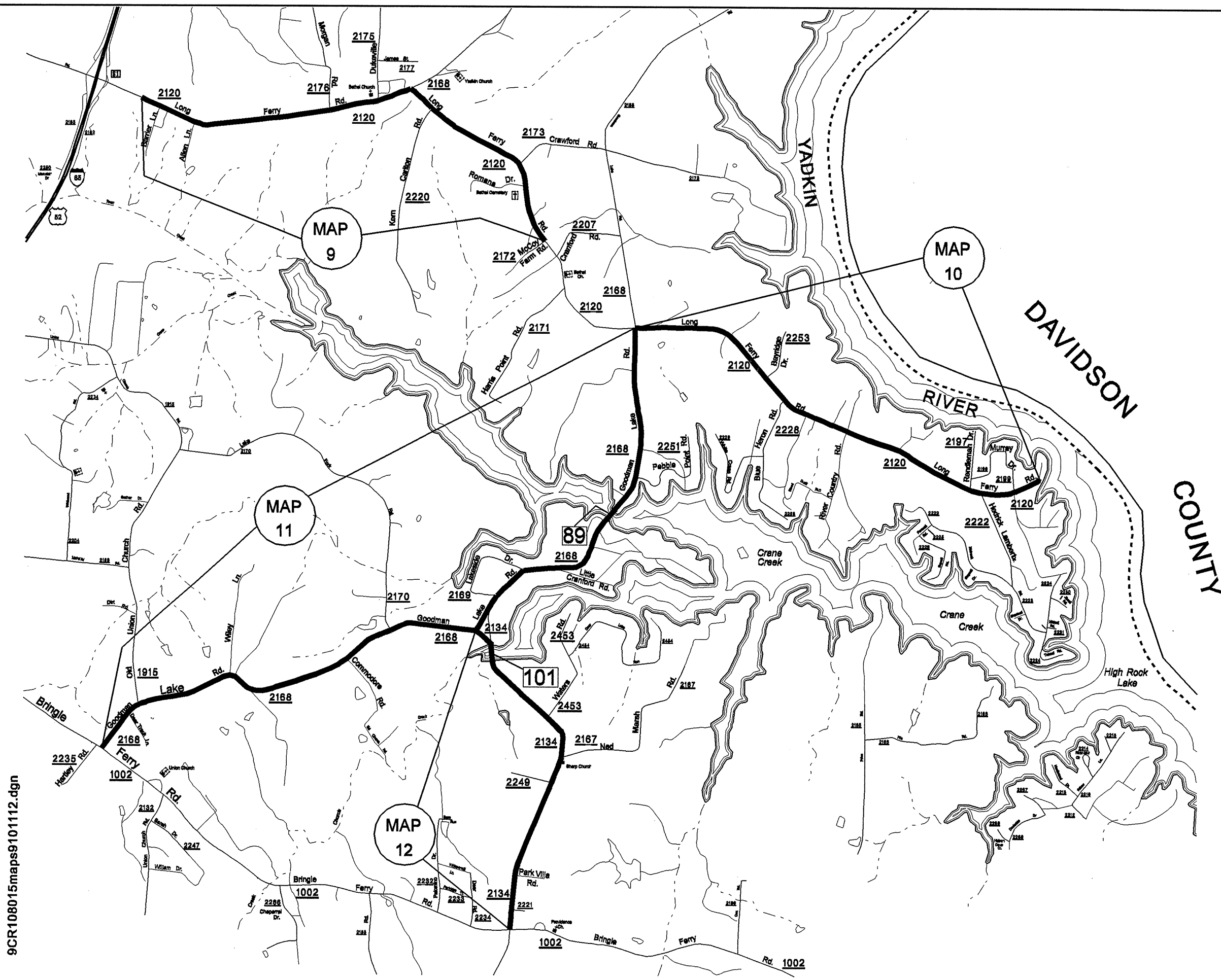
MAP 8

ROWAN COUNTY

NORTH CAROLINA

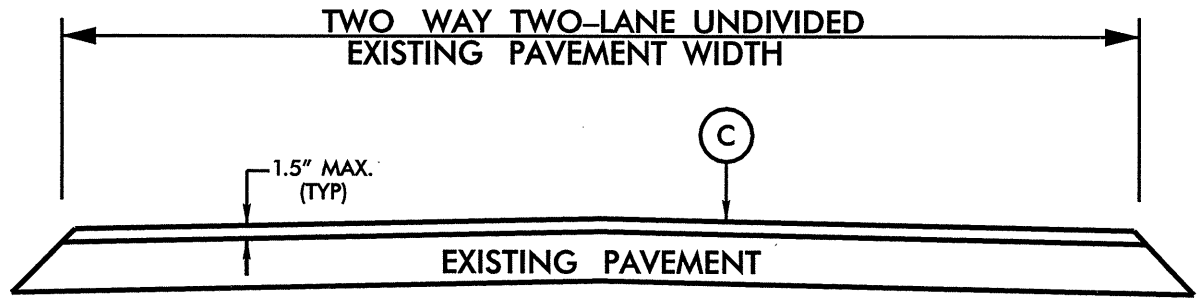


ROWAN COUNTY
NORTH CAROLINA

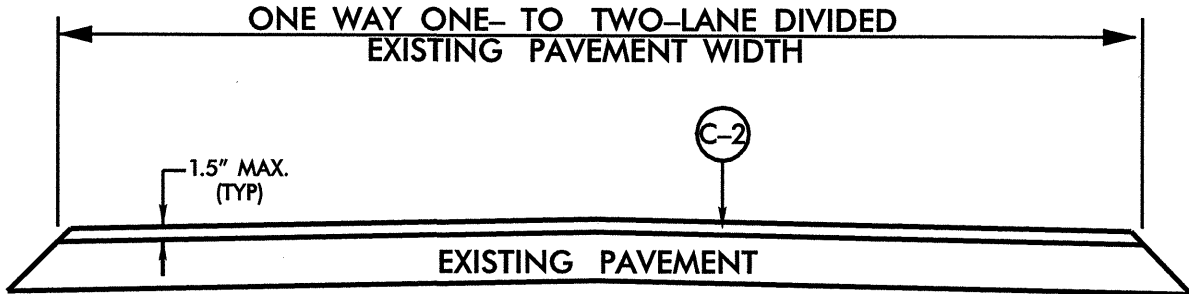


ROWAN COUNTY

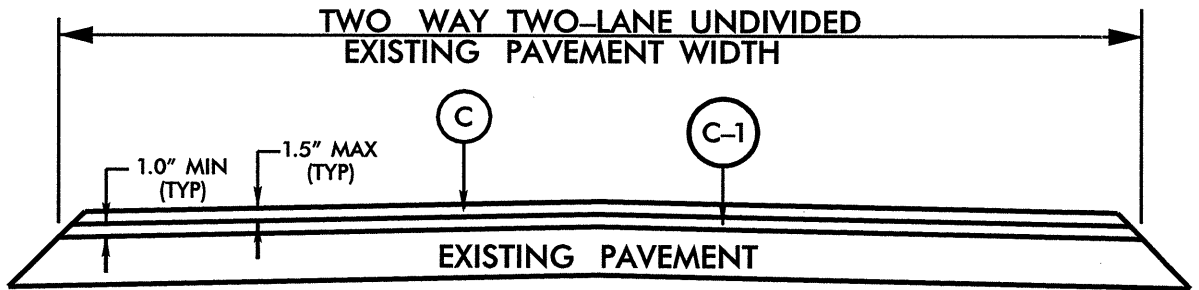
NORTH CAROLINA



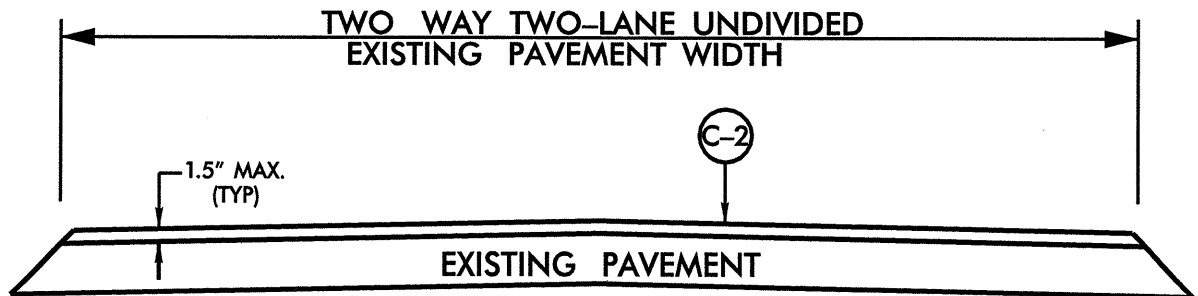
TYPICAL SECTION NO. 1



TYPICAL SECTION NO. 4



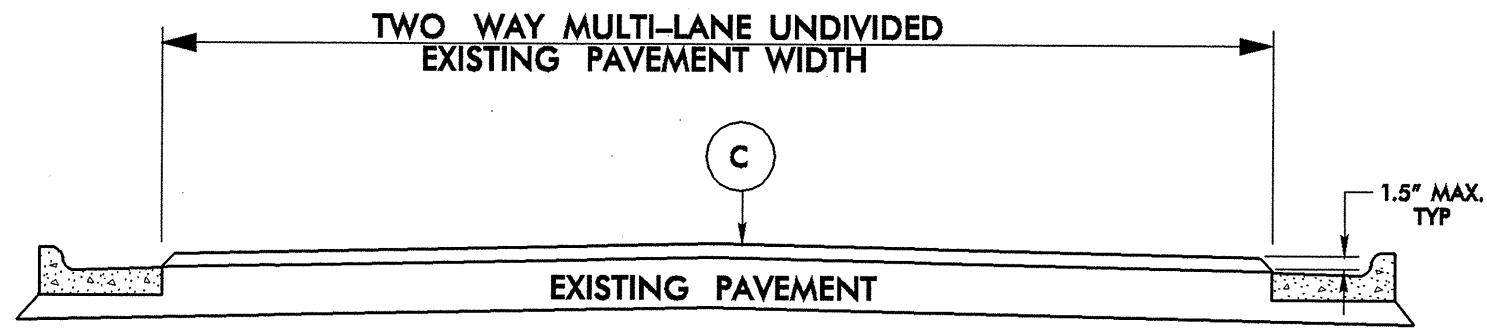
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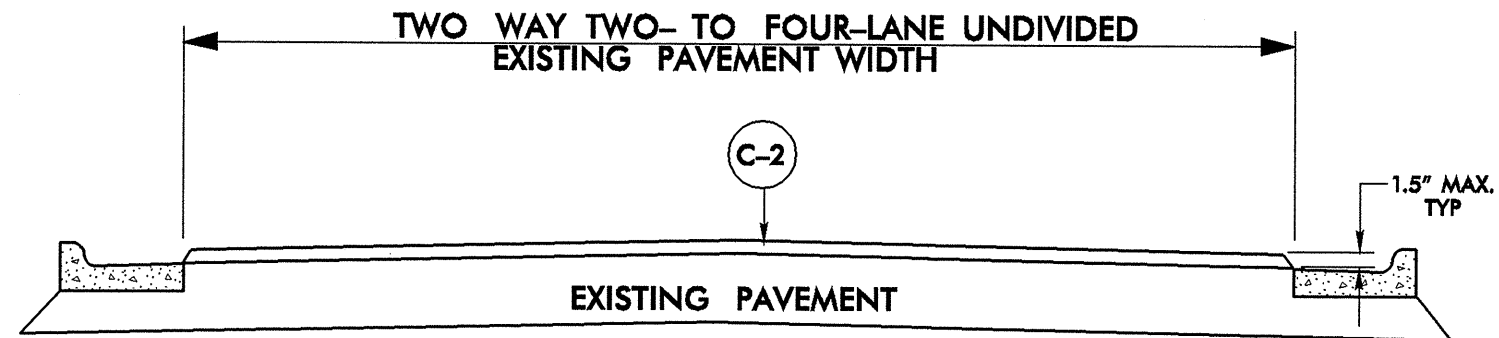
TYPICAL SECTION NO. 3

| 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 |
| C-1 | PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, LEVELING COURSE, AT AN AVERAGE RATE OF 112 LB PER SQ YD PER 1" DEPTH TO BE PLACED IN LAYERS NOT TO EXCEED 1.5" DEPTH |
| C-2 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD |
| C-3 | PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, LEVELING COURSE, AT AN AVERAGE RATE OF 112 LB PER SQ YD PER 1" DEPTH TO BE PLACE IN LAYERS NOT TO EXCEED 1.5" DEPTH |
| F | ASPHALT SURFACE TREATMENT (AST) MAT COURSE, #6 STONE |
| Y | MILLING ASPHALT PAVEMENT, 1.5" DEPTH, |
| Y-1 | MILLING ASPHALT PAVEMENT, 0" TO 1.5" DEPTH, AS DIRECTED BY ENGINEER |
| Y-2 | MILLING ASPHALT PAVEMENT, 1.5" TO 4" DEPTH, AS DIRECTED BY ENGINEER |

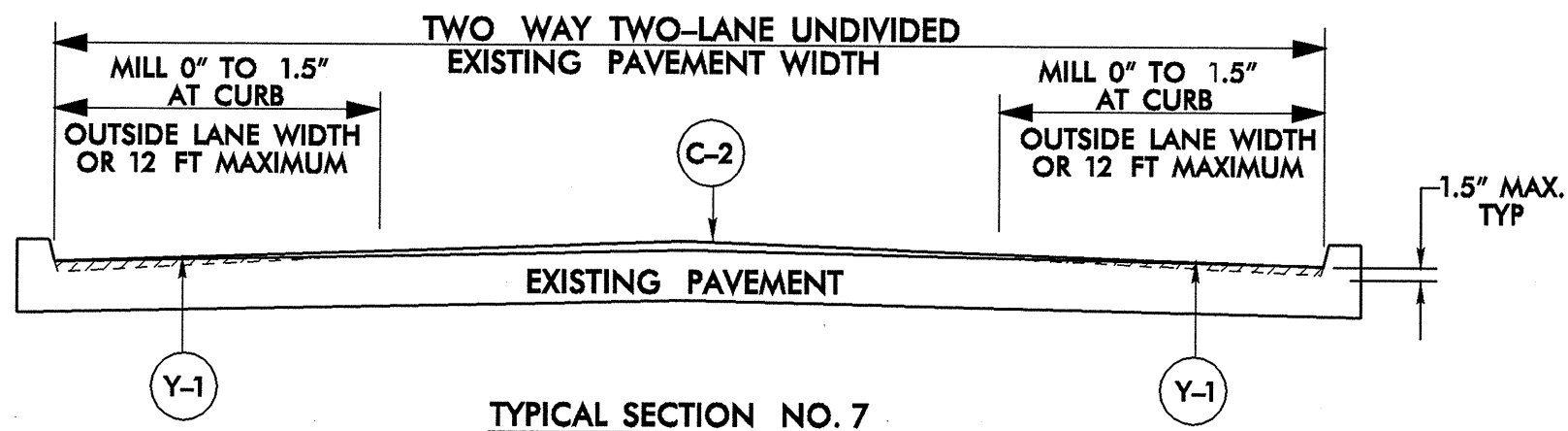
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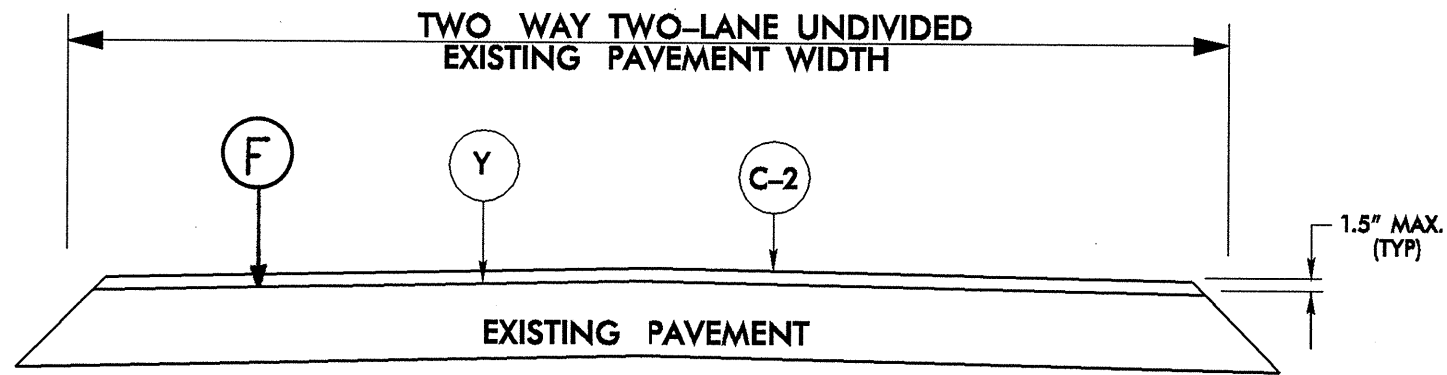
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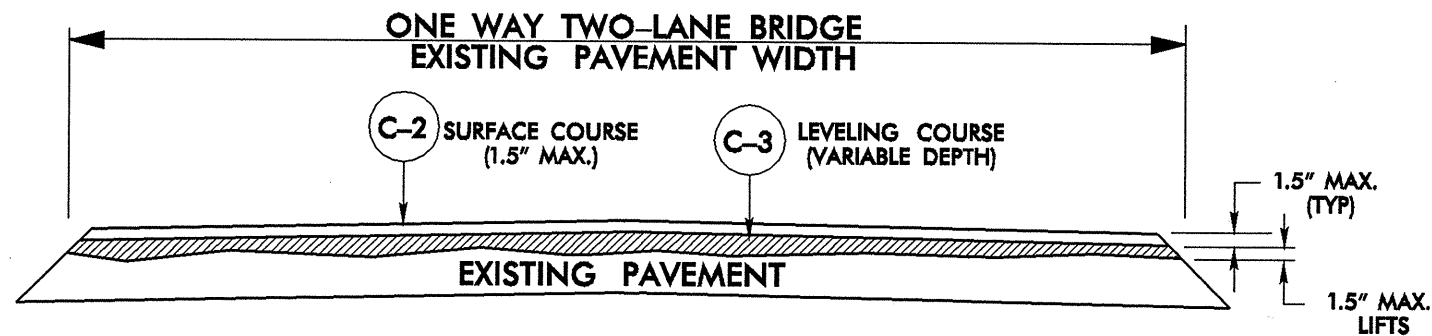
TYPICAL SECTION NO. 6



TYPICAL SECTION NO. 7



TYPICAL SECTION NO. 8

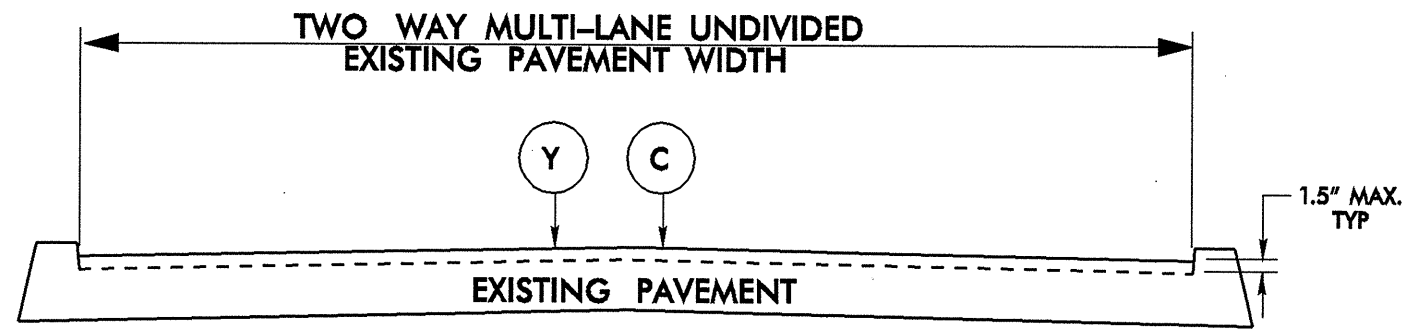


TYPICAL SECTION NO. 9

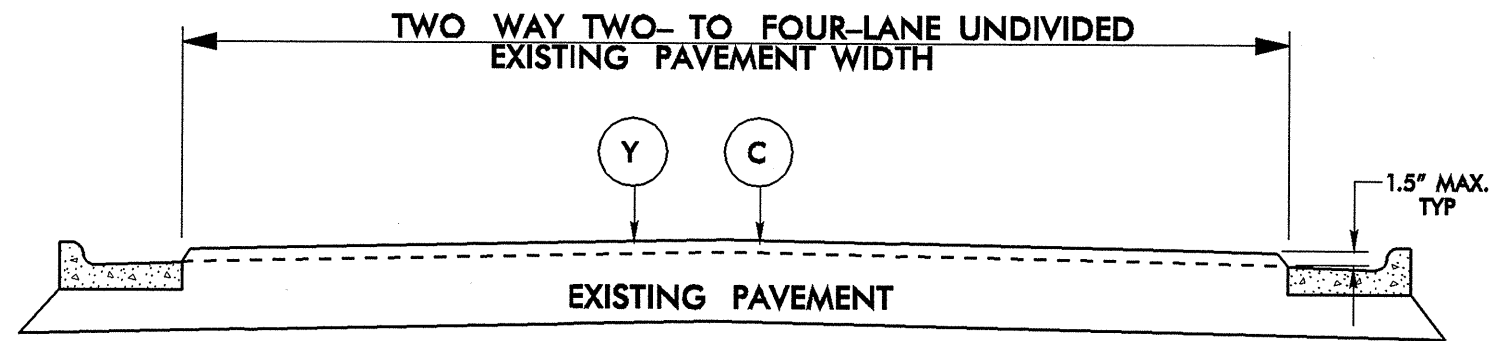
**LEVELING TO BE PLACED ON BRIDGE NO. 46
MAP 1c, US 29 WESTBOUND ONLY
AS DIRECTED BY ENGINEER
(SEE '2007 RESURFACING BRIDGE LISTING'
DETAIL SHEET 3)**

CONSTRUCTION NOTES:

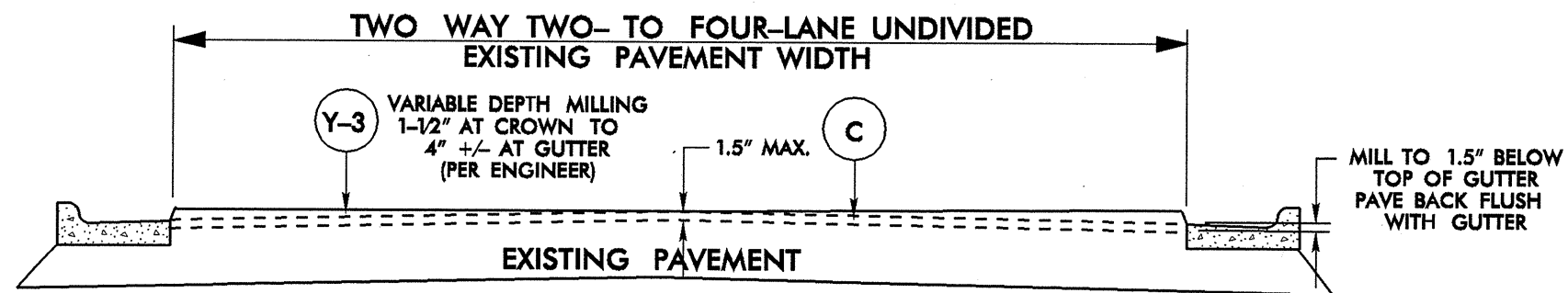
1. EDGES, PAVEMENT WIDENINGS, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE CONTRACT PRICE INDICATED IN THE "SUMMARY OF QUANTITIES".
2. CONSTRUCTION SHALL PROGRESS IN PHASES, IN ORDER INDICATED BELOW:
 - PHASE 1: MILLING (WHEN REQUIRED)
 - PHASE 2: LEVELING (WHEN REQUIRED)
 - PHASE 3: SHOULDER RECONSTRUCTION (ALL WIDENING)
 - PHASE 4: SURFACE OVERLAY
 - 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 ARE TO BE RESURFACED, 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.
5. SOME MAPS MAY REQUIRE EXTRA ASPHALT SURFACE TO BE ADDED TO RE-ESTABLISH THE CROWN. THIS SHALL BE DONE SO AS DIRECTED BY THE ENGINEER.
6. FOR TWO-LANE ROADWAYS - IT SHALL BE UNDERSTOOD THAT TYPICALLY ON A ROADWAY MEASURING 20 FEET IN WIDTH, THE CENTER OF THE WHITE EDGE LINE SHALL BE LOCATED A MINIMUM OF SIX INCHES FROM THE EDGE OF PAVEMENT ON EITHER SIDE OF THE ROADWAY; ON ROADWAYS MEASURING 22 FEET IN WIDTH, TRAVEL LANES SHALL MEASURE 10 FEET AND THE CENTER OF 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 CENTER OF 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 CENTER OF THE WHITE EDGELINE SHALL BE LOCATED A MINIMUM OF ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE. THIS SHALL BE STANDARD PRACTICE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



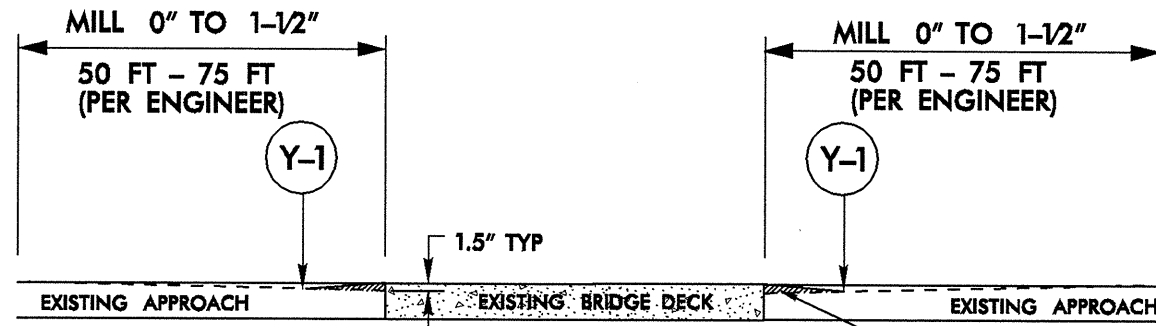
TYPICAL SECTION NO. 10



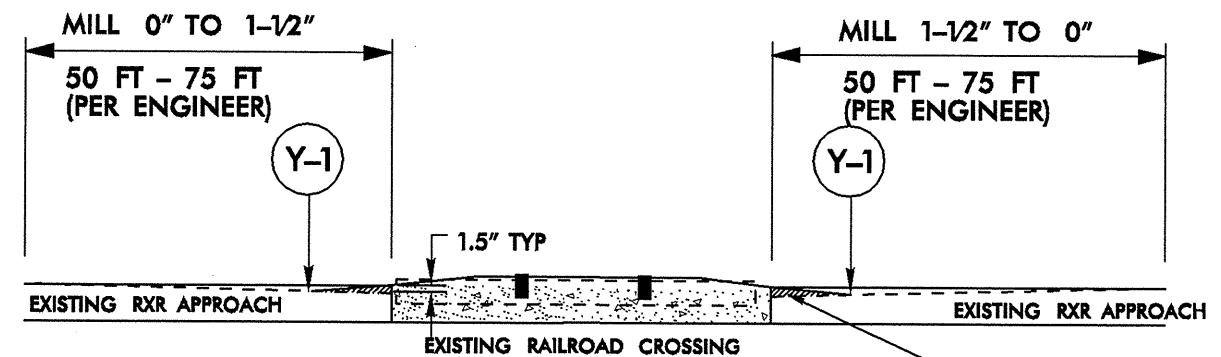
TYPICAL SECTION NO. 11



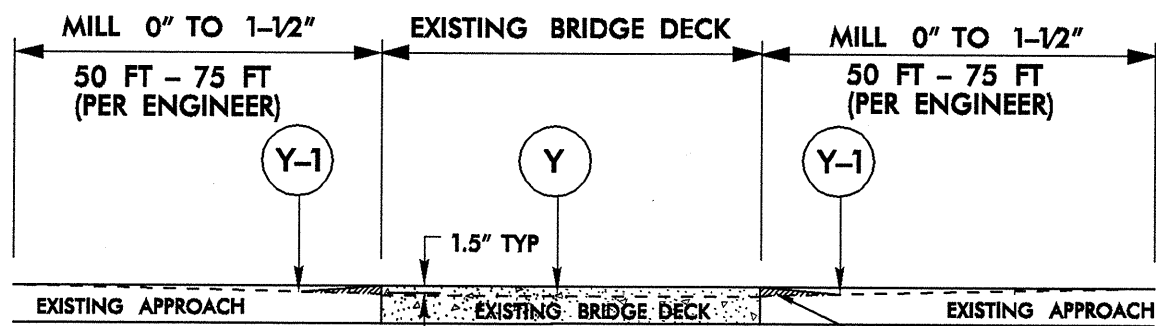
TYPICAL SECTION NO. 12



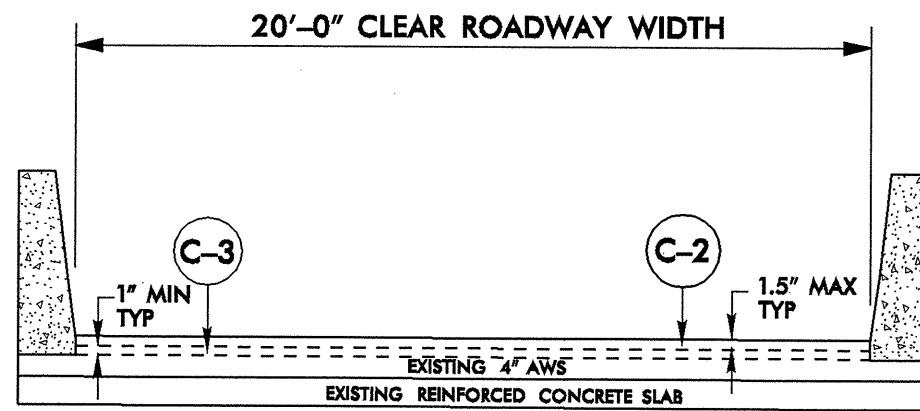
DETAIL NO. 1
 MILLING BRIDGE APPROACHES
 SEE "BRIDGE DATA LISTING"
 ON DETAIL SHEET 3 FOR
 MORE INFORMATION



DETAIL NO. 3
 MILLING RAILROAD CROSSING APPROACH



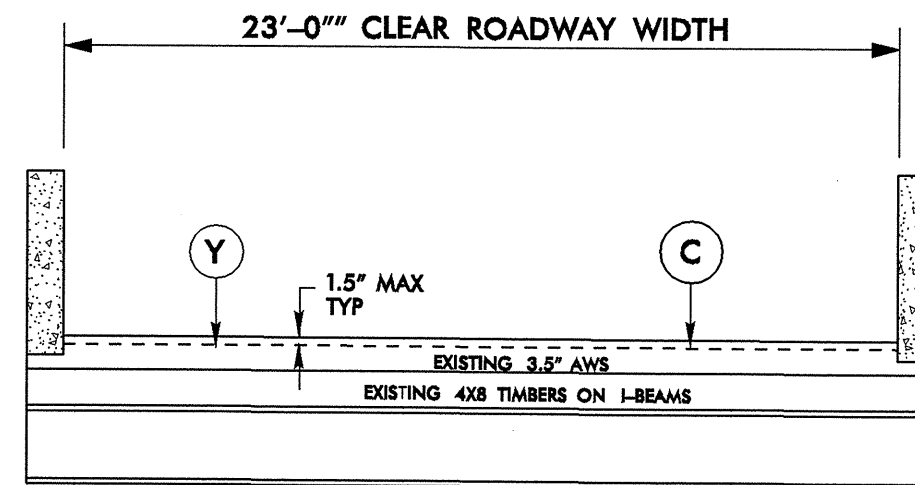
DETAIL NO. 2
 MILLING BRIDGE DECK AND APPROACHES
 SEE "BRIDGE DATA LISTING" ON
 DETAIL SHEET 3 FOR
 MORE INFORMATION



NO VIBRATORY ROLLER ON BRIDGE DECK

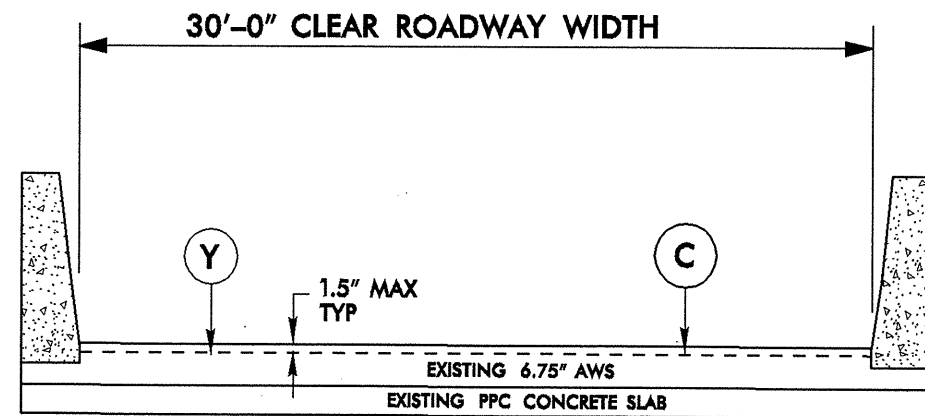
BRIDGE DETAIL NO. 4

BRIDGE NO. 46, MAP NO. 1c, US 29/70
 NOTE: NOTIFY ROWAN BRIDGE MAINTENANCE
 TWO WEEKS PRIOR TO ANY WORK ON BRIDGE.
 SEE "BRIDGE LISTING" ON DETAIL SHEET 3
 FOR MORE INFORMATION

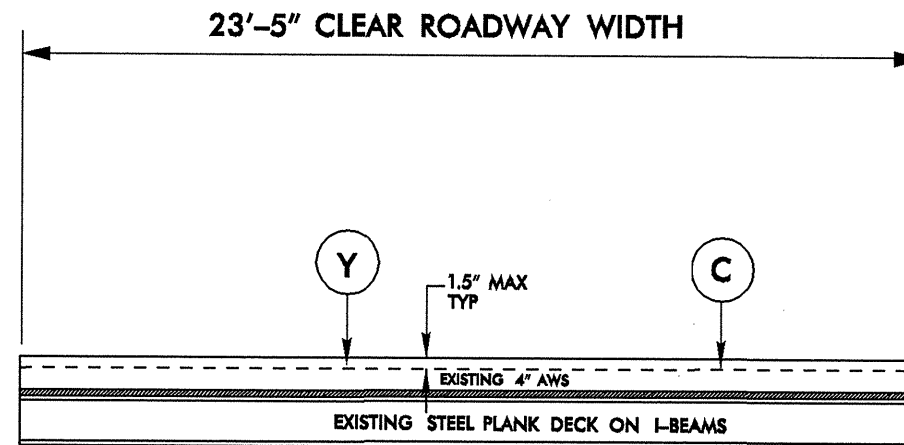


BRIDGE DETAIL NO. 5

BRIDGE NO. 315, MAP NO. 8, SR 1225



BRIDGE DETAIL NO. 6
MAP NO. 12, SR 2134, BRIDGE NO. 101



BRIDGE DETAIL NO. 7
MAP NO 13, SR 1004, BRIDGE NO. 141
NOTE: NOTIFY ROWAN BRIDGE MAINTENANCE
ONE WEEK PRIOR TO ANY WORK ON BRIDGE.
SEE "BRIDGE LISTING" BELOW
FOR MORE INFORMATION

**ROWAN COUNTY 2007 RESURFACING
BRIDGE LISTING**

| MAP NO. | ROUTE NO. | ROUTE NAME | BRIDGE NO. | FEATURE INTERSECTED | FLOOR CONSTRUCTION | CLEAR ROADWAY WIDTH | LENGTH | LENGTH | POSTING | RECOMMENDED TREATMENT (PER BRIDGE MAINTENANCE) |
|---------|-----------|------------------------|------------|--------------------------|------------------------|---------------------|---------|------------|---------|---|
| 1b | US 29 SBL | | 392 | YADKIN RIVER | N/A | N/A | N/A | N/A | N/A | MILL APPROACH FOR PROPER TIE IN. DO NOT MILL OR PAVE BRIDGE DECK. MAP ENDS AT SOUTHERN APPROACH. |
| 1c | US 29 NBL | | 46 | YADKIN RIVER | 9.5" RC 4" AWS | 20.0 FT | 1299 FT | N/A | N/A | DO NOT MILL BRIDGE DECK, NO VIBRATORY ROLLER ON DECK; NEEDS LEVELING NOTIFY ROWAN BRIDGE MAINT 2 WKS PRIOR TO BEGIN WORK ON BRIDGE |
| 3 | NC 150 | | C24 | SILLS CREEK | CULVERT | EXISTING ROADWAY | N/A | N/A | N/A | CULVERT; PAVE PER CONTRACT |
| 8 | SR 1225 | PATTERSON STREET | 315 | PRONG OF GRANT'S CREEK | 4X8 TIMBER 3.5" AWS | 23.0 FT | 31 FT | N/A | N/A | MILL DECK 1.5" AND PAVE PER CONTRACT; MILL APPROACHES FOR PROPER TIE IN |
| 11 | SR 2168 | GOODMAN LAKE ROAD | 89 | HIGH ROCK LAKE BACKWATER | 5.0" RC 3.5" PPCCS | 28.0 FT | 177 FT | N/A | N/A | DO NOT MILL OR PAVE BRIDGE DECK; MILL APPROACHES FOR PROPER TIE IN |
| 12 | SE 2134 | PROVIDENCE CHURCH ROAD | 101 | CHURCH CREEK | PPCCS 6.75" AWS | 30.0 FT | 119 FT | N/A | N/A | MILL DECK 1.5" AND PAVE PER CONTRACT; MILL APPROACHES FOR PROPER TIE IN |
| 13 | SR 1004 | STOKES FERRY ROAD | 141 | SOUTH SECOND CREEK | STEEL PLANK 4" AWS | 23.8 FT | 192 FT | N/A | N/A | MILL DECK 1.5" AND PAVE PER CONTRACT; MILL APPROACHES FOR PROPER TIE IN. NOTIFY ROWAN BRIDGE MAINT ONE WEEK PRIOR TO WORK ON BRIDGE |
| 14b | SR 1002 | OLD CONCORD ROAD | 118 | I-85 NBL OVER SR 1002 | N/A | N/A | N/A | 16 FT 2 IN | N/A | DO NOT PAVE UNDER BRIDGE OVERPASS; TIE RESURFACING TO NEW PAVEMENT ON EITHER SIDE OF OVERPASS |
| 14c | SR 1002 | OLD CONCORD ROAD | C116 | TOWN CREEK | CULVERT | EXISTING ROADWAY | N/A | N/A | N/A | CULVERT; PAVE PER CONTRACT |

SUMMARY OF QUANTITIES

| WORK ORDER NO | COUNTY | MAP NO | ROUTE NO/ ROUTE NAME | TO/FROM DESCRIPTION | Typical No | Length | Final Width | Incidental Stone Base | Mill Asphalt Pavement 1 1/2" Depth | Mill Asphalt Pavement 0" to 1 1/2" Depth | Mill Asphalt Pavement 1 1/2" to 4" Depth | ACSC Type S9.5B | Leveling Course Type S9.5B | ACSC Type S9.5C | Leveling Course Type S9.5C | PG 64-22 Plant Mix | PG 70-22 Plant Mix | Patching Existing Pavement | AST Mat Course #6 Stone | Adjust Drop Inlet | Adjust Manholes | Adjust Meter/ Valve Boxes | |
|---|--------|--------|---------------------------|--|------------|---------------|-------------|-----------------------|------------------------------------|--|--|-----------------|----------------------------|-----------------|----------------------------|--------------------|--------------------|----------------------------|-------------------------|-------------------|-----------------|---------------------------|----------|
| | | | | | | MI | FT | TONS | SY | SY | SY | TONS | TONS | TONS | TONS | TONS | TONS | TONS | TONS | TONS | TONS | TONS | SY |
| 9CR.10801.5 | Rowan | 1a | US 29 | Spencer ECL to Divided Roadway Before Yadkin River Bridge | 3 | 0.887 | 46 | 35 | | | | | | 2,218 | | | 133 | 10 | | | | 2 | |
| | | 1b | US 29 | From Divided Roadway to But Do Not Include Bridge Over Yadkin River | 4 | 0.259 | 22 | 16 | | | | | | 327 | | | 20 | 4 | | | | | |
| | | 1c | US 29 | From Davidson Co Line, East Side of Bridge Over Yadkin River, to End of Divided Roadway | 4, 9 | 0.435 | 22 | 26 | | | | | | 522 | 266 | | 49 | 6 | | | | | |
| TOTAL FOR MAP NO. 1 | | | | | | 1.581 | | 77 | | | | | | 3,067 | 266 | | 202 | 20 | | | | 2 | |
| | | 2a | NC 150 | Pvmt Jt at US 601 (Jake Alexander Blvd) to Beg of 2-Lane Section | 6 | 0.138 | 61 | 6 | | | | | | 188 | | | 11 | 6 | | | 1 | | |
| | | 2b | NC 150 | 2-Lane Section from Rosemont Dr (NS) to EOP at US 29/70 (S Main St) | 3, 7 | 0.546 | 25 | 22 | | 180 | | | | 944 | | | 57 | 3 | | | | | |
| TOTAL FOR MAP NO. 2 | | | | | | 0.684 | | 28 | | 180 | | | | 1,132 | | | 68 | 9 | | | | 1 | |
| | | 3 | NC 150 | From and Include Intersection at SR 1760 (Jones Rd) to Iredell Co Line | 8 | 2.820 | 22 | 169 | | | | | | 3,688 | | | 221 | 18 | 40,036 | | | | |
| | | 4 | NC 153 | EOP of NC 152 to Pvmt Jt at Beginning of C&G at C.L. | 3 | 2.482 | 22 | 149 | | | | | | 3,052 | | | 183 | 10 | | | | | |
| TOTAL FOR WORK ORDER NO. 9CR.10801.5 | | | | | | 7.567 | | 423 | | 180 | | | | 10,939 | 266 | | 674 | 57 | 40,036 | | | 1 | 2 |
| 9CR.20801.5 | Rowan | 5 | SR 1351 Tuckaseegee Road | Pvmt Jt at SR 1369 (S Enochville Rd) to Pvmt Jt at the Cabarrus Co Line | 1 | 0.235 | 21 | 14 | | | | 269 | | | | 16 | | 4 | | | | | |
| | | 6 | SR 1355 Unity Church Road | SR 1353 (Deal Rd) to Cabarrus Co Line | 1, 2 | 2.600 | 22 | 156 | | | | 3,118 | 100 | | | 194 | | 10 | | | | | |
| | | 7a | SR 1210 Ryder Avenue | Pvmt Jt at US 29 to W Upright St | 5 | 0.156 | 25 | | | | | 212 | | | | 13 | | 3 | | | 1 | 2 | |
| | | 7b | SR 1210 Ryder Avenue | N Upright St (NS) to W Blume St (NS) (Note - DO NOT MILL ACROSS MAIN ST INTERSECTION - DO MILL CENTRAL AVE INTERSECTION) | 10, 11 | 0.941 | 32 | | 17,666 | | | 1,639 | | | | 98 | | 10 | | 2 | | | |
| | | 7c | SR 1210 Ryder Avenue | W Blume St (NS) to EOP of SR 1197 (Mt Moriah Church Rd) | 1 | 0.195 | 22 | 8 | | | | 234 | | | | 14 | | 3 | | | | 1 | |
| TOTAL FOR MAP NO. 8 | | | | | | 1.292 | | 8 | 17,666 | | | 2,085 | | | 125 | | 16 | | 2 | 1 | 3 | | |
| | | 8 | SR 1225 Patterson Street | Pvmt Jt at SR 2739 (US 29-A) to China Grove CL | 12 | 0.414 | 31 | | | | 7,529 | 699 | | | | 42 | | 3 | | | 6 | 4 | |
| | | 9 | SR 2120 Long Ferry Road | Pvmt Jt at Construction Limits of I-85 Project (I-2511CA) to SR 2172 (McCoy Farm Rd) | 1 | 2.442 | 24 | 147 | | | | 3,194 | | | | 192 | | 12 | | | | | |
| | | 10 | SR 2120 Long Ferry Road | SR 2168 (Goodman Lake Rd) to Dead End | 1 | 2.257 | 20 | 135 | | | | 2,462 | | | | 148 | | 12 | | | | | |
| | | 11 | SR 2168 Goodman Lake | Include Intersection of SR 2120 (Long Ferry Rd) to Pvmt Jt at SR 1002 (Bringle Ferry Rd) | 1 | 4.147 | 22 | 249 | | 367 | | 5,127 | | | | 308 | | 18 | | | | | |
| | | 12 | SR 2134 Providence Church | EOP of SR 1002 (Bringle Ferry Rd) to SR 2168 (Goodman Lake Rd) | 1 | 2.031 | 22 | | 400 | 367 | | 2,436 | | | | 146 | | 8 | | | | | |
| | | 13 | SR 1004 Stokes Ferry Road | SR 2370 (St Peter's Church Rd) and SR 2136 (Agner Rd) to and Include Intersection of SR 2140 (Liberty Rd) | 3 | 1.553 | 23 | 93 | 512 | 383 | | | | 1,947 | | | 117 | 8 | | | | | |
| | | 14a | SR 1002 Old Concord Road | EOP of SR 1002 (Jake Alexander Blvd) to End of C&G at UPS Entrance | 5 | 0.134 | 36 | | | | | 262 | | | | 16 | | | | | 1 | | |
| | | 14b | SR 1002 Old Concord Road | Two Lane Section Starting at End of C&G at UPS Entrance to Taper to 4-Lane Section at Harrel St (NS) (Exclude New Pavement Under Bridge #118 Overpass) | 1 | 0.976 | 20 | | | 222 | | 1,066 | | | | 64 | | 6 | | | | | |
| | | 14c | SR 1002 Old Concord Road | Harrel St (NS) to Pvmt Jt at Monroe St (NS) | 11 | 0.267 | 48 | | 7,520 | | | 697 | | | | 42 | | 12 | | | 1 | 3 | |
| | | 14d | SR 1002 S Long Street | Pvmt Jt at Monroe St (NS) to SR 2200 (W Innes St) | 5 | 0.342 | 60 | | | | | 1,115 | | | | 67 | | 12 | | | 7 | 12 | |
| TOTAL FOR MAP NO. 15 | | | | | | 1.719 | | | 7,520 | 222 | | 3,140 | | | 189 | | 30 | | | | 9 | 15 | |
| TOTAL FOR WORK ORDER NO. 9CR.20801.5 | | | | | | 18.690 | | 802 | 26,098 | 1,339 | 7,529 | 22,530 | 100 | 1,947 | 1,360 | 117 | 121 | 2 | 16 | 22 | | | |
| GRAND TOTAL | | | | | | 26.257 | | 1,225 | 26,098 | 1,519 | 7,529 | 22,530 | 100 | 12,886 | 266 | 1,360 | 791 | 178 | 40,036 | 2 | 17 | 24 | |

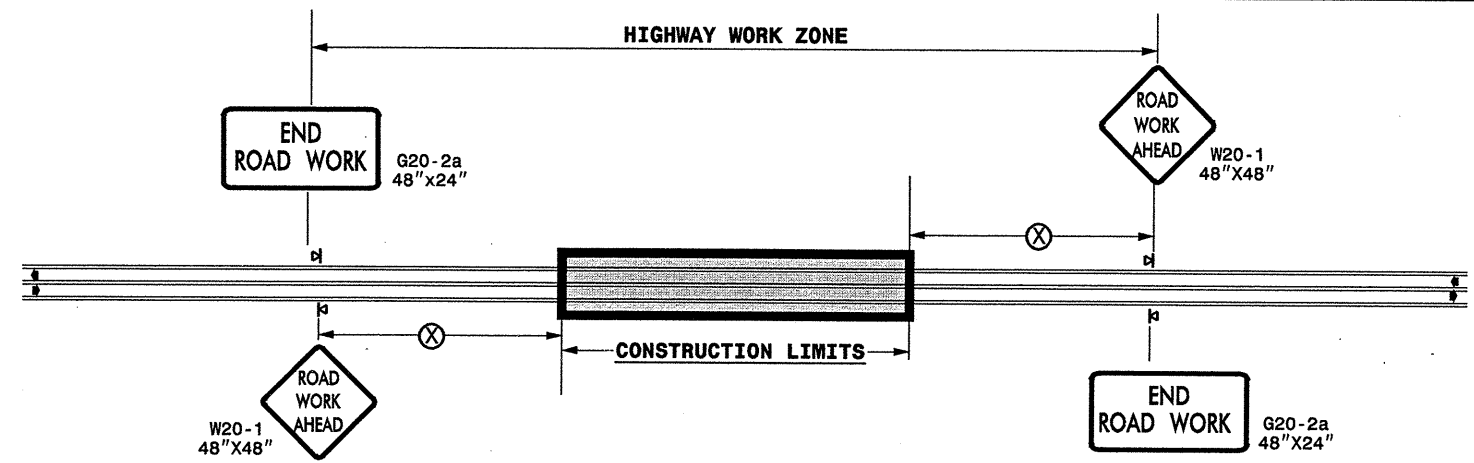
PLEASE NOTE: ALL QUANTITIES LISTED ARE ESTIMATES; PAYMENT WILL BE BASED ON ACTUAL FIELD MEASUREMENTS AND QUANTITIES RECEIVED.

THERMOPLASTIC AND PAINT QUANTITIES

| WORK ORDER NO | COUNTY | MAP NO | ROUTE NO / ROUTE NAME | TO / FROM DESCRIPTION | 4685000000-E | 4686000000-E | | | 4695000000-E | 4697000000-E | 4705000000-E | 4710000000-E | 4721000000-E | | 4725000000-E | | | | | 4810000000-E | | 4905000000-N |
|---|--------|--------|--------------------------------|--|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|-------------------------|-------------------------|-----------------|----------------|-----------------------|--------------|
| | | | | | 4" X 90 M WHITE THERMO | 4" X 120 M YELLOW THERMO | 4" X 120 M WHITE THERMO | 8" X 90 M YELLOW THERMO | 8" X 120 M WHITE THERMO | 16" X 120 M WHITE THERMO | 24" X 120 M WHITE THERMO | THERMO MSG RXR 120 M | THERMO MSG ONLY 120 M | THERMO LT ARROW 90 M | THERMO RT ARROW 90 M | THERMO ST ARROW 90 M | THERMO ST/RT ARROW 90 M | THERMO ST/LT ARROW 90 M | 4" YELLOW PAINT | 4" WHITE PAINT | SNOW PLOWABLE MARKERS | |
| | | | | | LF | LF | LF | LF | LF | LF | LF | EA | EA | EA | EA | EA | EA | EA | LF | LF | EA | |
| 9CR.10801.5 | Rowan | 1a | US 29 | Spencer ECL to Divided Roadway Before Yadkin River Bridge | 2,250 | 9,367 | 2,342 | | | 100 | 50 | 4 | | | | | | | | | | 176 |
| | | 1b | US 29 | From Divided Roadway to But Do Not Include Bridge Over Yadkin River | | | 342 | | | 100 | 90 | 4 | | | | | | | | | | 17 |
| | | 1c | US 29 | From Davidson Co Line, East Side of Bridge Over Yadkin River, to End of Divided Roadway | | | 574 | | | 100 | 75 | 4 | | | | | | | | | | 29 |
| TOTAL FOR MAP NO. 1 | | | | | 2,250 | 9,367 | 3,258 | | | 300 | 215 | 12 | | | | | | | | | | 222 |
| | | 2a | NC 150 | Pvmt Jt at US 601 (Jake Alexander Blvd) to Beg of 2-Lane Section | | 1,456 | 726 | | | | | | 12 | 1 | 4 | 2 | 2 | | | | | 27 |
| | | 2b | NC 150 | 2-Lane Section from Rosemont Dr (NS) to EOP at US 29/70 (S Main St) | 5,876 | 5,767 | 120 | | | | 24 | | | | | | | | | | | 44 |
| TOTAL FOR MAP NO. 2 | | | | | 5,876 | 7,223 | 846 | | | | 24 | 12 | 1 | 4 | 2 | 2 | | | | | | 71 |
| | | 3 | NC 150 | From and Include Intersection at SR 1760 (Jones Rd) to Iredell Co Line | 30,343 | 29,779 | 40 | | | | | | | | | | | | | | | 186 |
| | | 4 | NC 153 | EOP of NC 152 to Pvmt Jt at Beginning of C&G at C.L. | 26,706 | 26,210 | 220 | | | | | | | | | | | | | | | 164 |
| TOTAL FOR WORK ORDER NO. 9CR.10801.5 | | | | | 65,176 | 72,579 | 4,364 | | | 300 | 239 | 12 | 12 | 1 | 4 | 2 | 2 | | | | | 643 |
| | | | | | | 76,943 | | | | | | 24 | | | 9 | | | | | | | |
| 9CR.20801.5 | Rowan | 5 | SR 1351 Tuckaseegee Road | Pvmt Jt at SR 1369 (S Enochville Rd) to Pvmt Jt at the Cabarrus Co Line | 2,529 | 2,482 | | | | | | | | | | | | | | | | |
| | | 6 | SR 1355 Unity Church Road | SR 1353 (Deal Rd) to Cabarrus Co Line | 27,976 | 27,456 | | | | | | | | | | | | | | | | |
| | | 7a | SR 1210 Ryder Avenue | Pvmt Jt at US 29 to W Upright St | 1,647 | 1,647 | | | | | | | | | | | | | | | | |
| | | 7b | SR 1210 Ryder Avenue | N Upright St (NS) to W Blume St (NS) (Note - DO NOT MILL ACROSS MAIN ST INTERSECTION) | | 9,937 | 100 | | | 200 | 240 | 8 | | 3 | | | | | | | | 3 |
| | | 7c | SR 1210 Ryder Avenue | W Blume St (NS) to EOP of SR 1197 (Mt Moriah Church Rd) | 2,098 | 2,059 | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 8 | | | | | 3,746 | 13,644 | 100 | | | 200 | 240 | 8 | | 3 | | | | | | | | 3 |
| | | 8 | SR 1225 Patterson Street | Pvmt Jt at SR 2739 (US 29-A) to China Grove CL | | 4,372 | | | | | | | | | | | | | | | | 4,372 |
| | | 9 | SR 2120 Long Ferry Road | Pvmt Jt at Construction Limits of I-85 Project (I-2511CA) to SR 2172 (McCoy Farm Rd) | 26,276 | 25,788 | 90 | | | | | | | | | | | | | | | |
| | | 10 | SR 2120 Long Ferry Road | SR 2168 (Goodman Lake Rd) to Dead End | 24,285 | 23,834 | 70 | | | | | | | | | | | | | | | |
| | | 11 | SR 2168 Goodman Lake Road | Include Intersection of SR 2120 (Long Ferry Rd) to Pvmt Jt at SR 1002 (Bringle Ferry Rd) | 44,622 | 43,792 | 90 | | | | | | | | | | | | | | | |
| | | 12 | SR 2134 Providence Church Road | EOP of SR 1002 (Bringle Ferry Rd) to SR 2168 (Goodman Lake Rd) | 21,854 | 21,447 | 50 | | | | 30 | | | | | | | | | | | |
| | | 13 | SR 1004 Stokes Ferry Road | SR 2370 (St Peter's Church Rd) and SR 2136 (Agner Rd) to and Include Intersection of SR 2140 (Liberty Rd) | 16,710 | 16,400 | | | | | | | | | | | | | | | | |
| | | 14a | SR 1002 Old Concord Road | EOP of SR 1002 (Jake Alexander Blvd) to End of C&G at UPS Entrance | | 2,279 | 240 | 50 | | | 70 | | | 3 | | | | | | | | |
| | | 14b | SR 1002 Old Concord Road | Two Lane Section Starting at End of C&G at UPS Entrance to Taper to 4-Lane Section at Harrel St (NS) (Exclude New Pavement Under Bridge #118 Overpass) | 3,282 | 6,442 | 380 | | | 100 | 88 | 4 | | | | | | | | | | |
| | | 14c | SR 1002 Old Concord Road | Harrell St (NS) to Pvmt Jt at Monroe St (NS) | | 2,820 | 705 | | 240 | | | | | 3 | | 4 | 4 | 2 | | 2,873 | 705 | |
| | | 14d | SR 1002 S Long Street | Pvmt Jt at Monroe St (NS) to SR 2200 (W Innes St) | | 4,514 | 2,400 | 50 | 190 | | 150 | | | 15 | | 15 | 11 | | | | | |
| TOTAL FOR MAP NO. 15 | | | | | 3,282 | 16,055 | 3,725 | 100 | 430 | 100 | 308 | 4 | | 21 | | 19 | 15 | 2 | | 2,873 | 705 | |
| TOTAL FOR WORK ORDER NO. 9CR.20801.5 | | | | | 171,279 | 195,269 | 4,125 | 100 | 430 | 300 | 578 | 12 | 12 | 24 | | 19 | 18 | 2 | | 7,245 | 705 | |
| | | | | | | 199,394 | | | | | | 12 | | | 63 | | | | | 7,950 | | |
| GRAND TOTAL | | | | | 236,454 | 267,848 | 8,489 | 100 | 430 | 600 | 817 | 24 | 12 | 25 | 4 | 21 | 20 | 2 | | 7,245 | 705 | 643 |
| | | | | | | 276,337 | | | | | | 36 | | | 72 | | | | | 7,950 | | |

PLEASE NOTE: ALL QUANTITIES LISTED ARE ESTIMATES; PAYMENT WILL BE BASED ON ACTUAL FIELD MEASUREMENTS AND QUANTITIES RECEIVED.

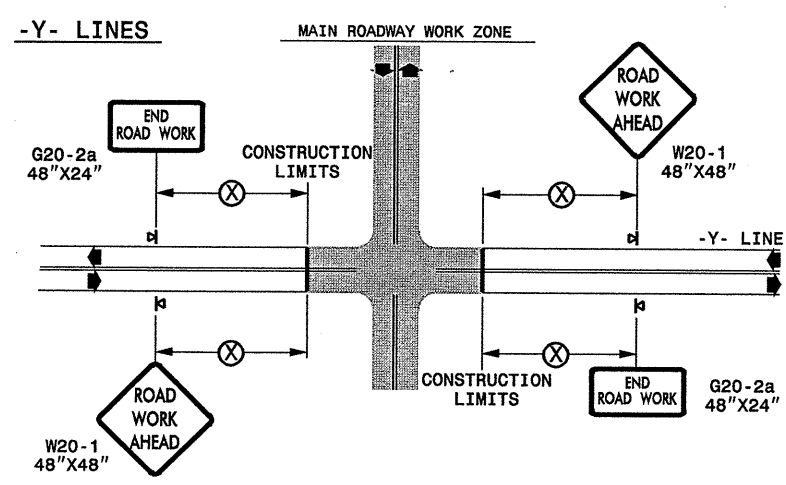
TWO-WAY UNDIVIDED ** (L-LINES)



| 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

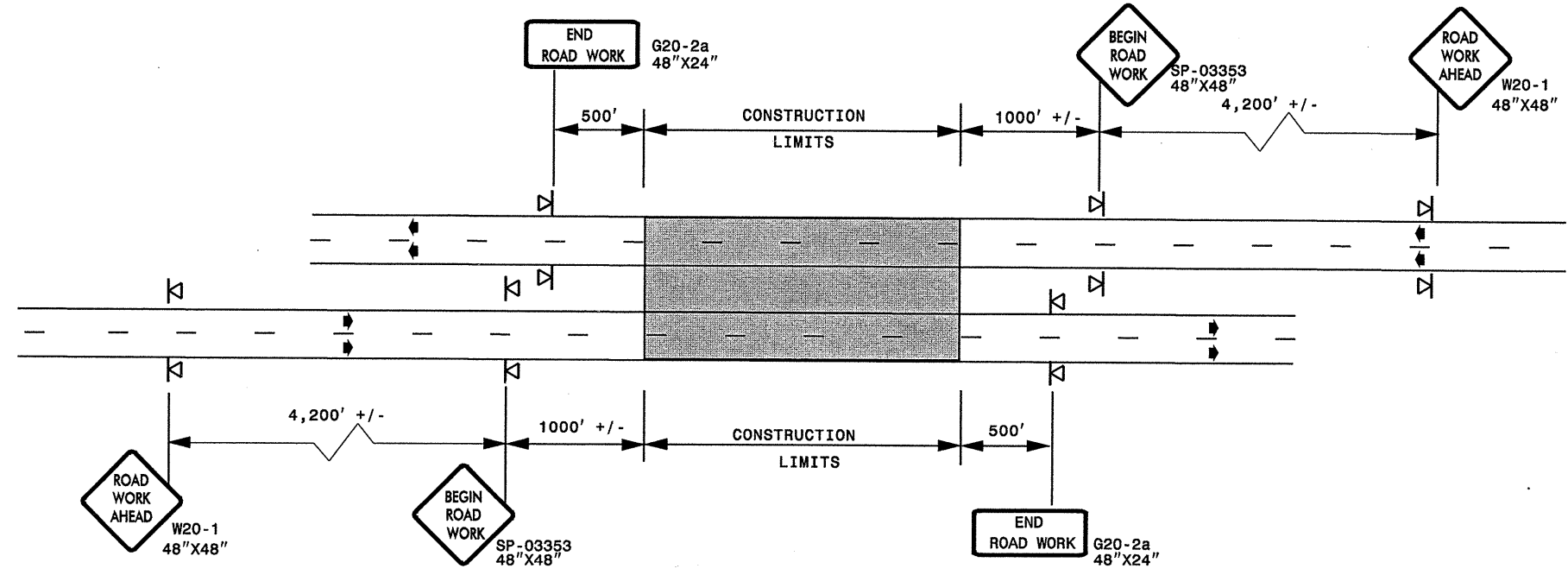
SHEET 1 OF 1

| | | | |
|--------------------|-------------|---|-------|
| APPROVED: _____ | DATE: _____ | DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS | |
| | | | |
| SCALE: NONE | | REVISIONS | |
| DATE: _____ | | 7-98 | 10/01 |
| DWG. BY: _____ | | 10-98 | 03/04 |
| DESIGN BY: _____ | | 01/01 | 11/04 |
| REVIEWED BY: _____ | CADD FILE | | |

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 pseymore AT WZTC206427

ADVANCED WORK ZONE WARNING SIGNING FOR FREEWAYS (4 LANES OR GREATER)

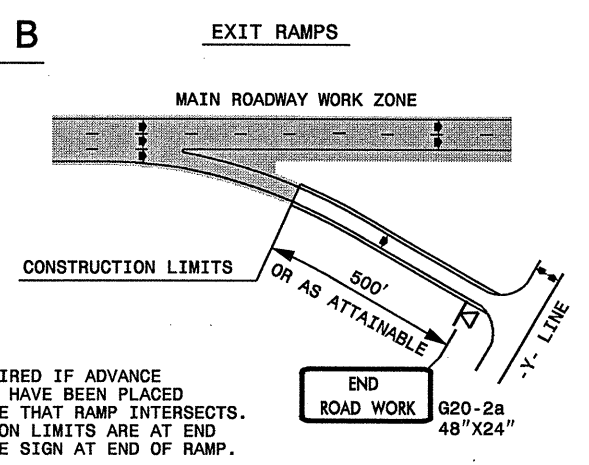
DETAIL A



STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

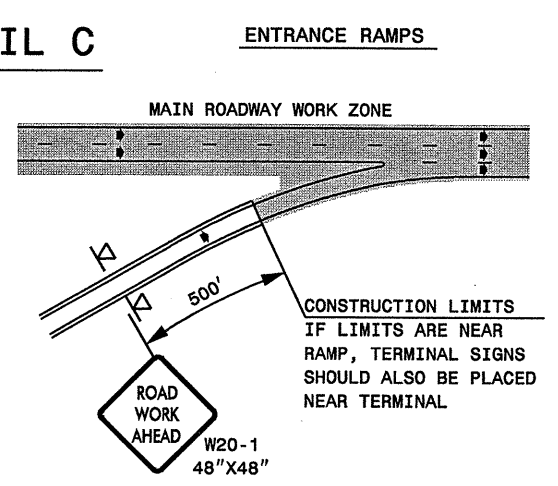
ROADWAYS INTERSECTING ALONG FREEWAY WORK ZONE (Y-LINES)

DETAIL B



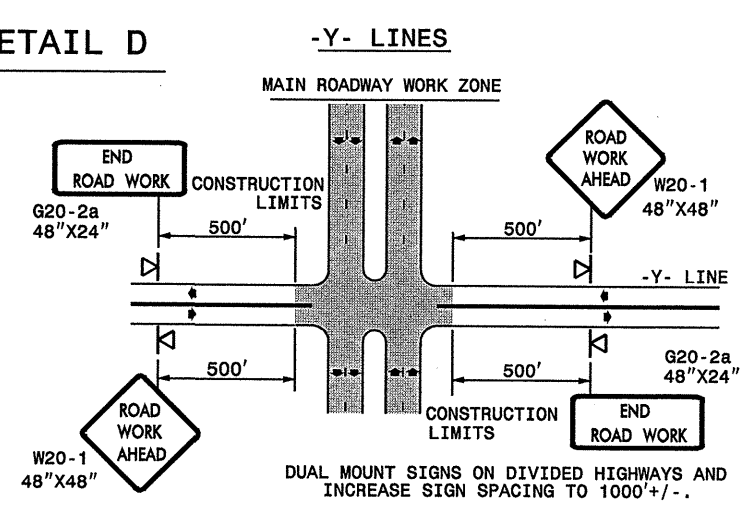
NOTE:
SIGN NOT REQUIRED IF ADVANCE WARNING SIGNS HAVE BEEN PLACED ALONG -Y- LINE THAT RAMP INTERSECTS. IF CONSTRUCTION LIMITS ARE AT END OF RAMP, PLACE SIGN AT END OF RAMP.

DETAIL C



CONSTRUCTION LIMITS
IF LIMITS ARE NEAR RAMP, TERMINAL SIGNS SHOULD ALSO BE PLACED NEAR TERMINAL

DETAIL D



DUAL MOUNT SIGNS ON DIVIDED HIGHWAYS AND INCREASE SIGN SPACING TO 1000'+/-.

**DETAIL DRAWING
FOR FREEWAYS
WORK ZONE WARNING SIGNS
(SHORT-DURATION LANE CLOSURES)**

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 MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

LEGEND

◁ PORTABLE SIGN

➔ DIRECTION OF TRAFFIC FLOW

| | | | |
|--------------------|------------------|---|--|
| APPROVED: _____ | DATE: _____ | DETAIL DRAWING FOR FREEWAYS WORK ZONE WARNING SIGNS | |
| SEAL | SCALE: NONE | REVISIONS 7-98 10/01 10-98 03/04 01/01 11/04 <small>CADD FILE</small> | |
| | DATE: _____ | | |
| | DWG. BY: _____ | | |
| | DESIGN BY: _____ | | |
| REVIEWED BY: _____ | | | |

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SP 03353

| | | | | |
|-----------------------|---------------------------------|--------------------------|---------------------|--------------------|
| SIGN NUMBER: SP-03353 | BACKG COLOR: Fluorescent Orange | DESIGN BY: CL DOWNEY | CHECKED BY: CHECKED | STD #: W20-1 |
| TYPE: A | COPY COLOR: Black | PROJECT ID: ALL PROJECTS | DIV: DIV | DATE: Aug 20, 2003 |
| QUANTITY: 1 | | | | |

| SYMBOL | X | Y | WID | HT |
|--------|---|---|-----|----|
| | | | | |
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| | | | | |
| | | | | |

SIGN WIDTH: 4'-0"
 HEIGHT: 4'-0"
 TOTAL AREA: 16.0 Sq.Ft.

BORDER TYPE: FLUSH
 RECESS: 0.59"
 WIDTH: 0.75"
 RADII: 1.38"

NO. Z BARS: N/A
 LENGTH: N/A

MAT'L:

USE NOTES: 2, 4
 1. Legend and border shall be direct applied Type VII reflective sheeting.
 2. Legend and border shall be direct applied non-reflective sheeting.
 3. Shields shall be Type VII reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
 4. Background shall be Type VII reflective sheeting.
 5. Background shall be Type I reflective sheeting.
 6. Center arrow(s) vertically on sign.
 7. Bottom panel shall be yellow Type III sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

BORDER
 R=1.38"
 TH=0.75"
 IN=0.59"

LETTER POSITIONS

Letter spacings are to start of next letter

| Letter | B | E | O | I | H | Series/Size | Text Length |
|-----------------|------|-----|-----|-----|-----|-------------|-------------|
| BEGIN ROAD WORK | 22.4 | 5.3 | 4.6 | 5.4 | 2.5 | 3.8 | 22.4 |
| ROAD WORK | 23.4 | 5 | 5.2 | 5.8 | 3.8 | | 23.4 |
| WORK | 22.8 | 6.4 | 5.6 | 5.2 | 4 | | 22.8 |

Spacing Factor is 1 unless specified otherwise

FILENAME: SP03353MAX

NORTH CAROLINA D.O.T. SIGN DETAIL

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

DETAIL DRAWING FOR
 WORK ZONE SIGNS
 BEGIN ROAD WORK

GENERAL NOTES FOR SIGN SP-03353 "BEGIN ROAD WORK"

- SIGN SP-03353 "BEGIN ROAD WORK" ONLY APPLIES TO FULL CONTROL AND PARTIAL CONTROL OF ACCESS ROADWAYS
- WHEN USED, INSTALL SIGN SP-03353 "BEGIN ROAD WORK" ACCORDING TO DETAIL FOR FREEWAY WORK ZONE SIGNS

| | | |
|-----------------------------|--|-----------|
| APPROVED: _____ DATE: _____ | DETAIL DRAWING FOR ADVANCED WORK ZONE WARNING SIGN DESIGNS | |
| | SCALE: NONE | REVISIONS |
| | DATE: 08/03 | 04/04 |
| | DWG. BY: | 11/04 |
| | DESIGN BY: | |
| REVIEWED BY: | | |

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