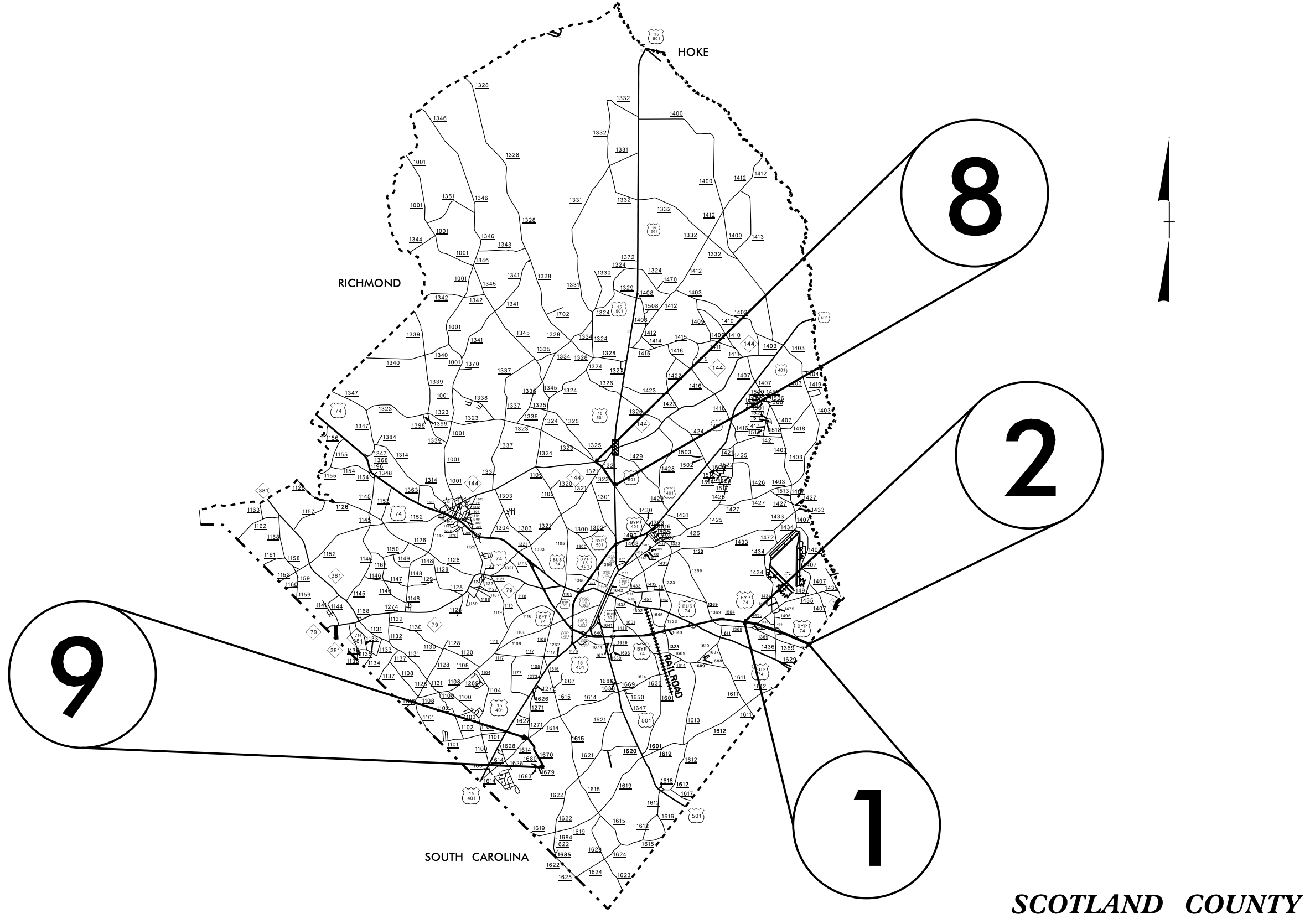
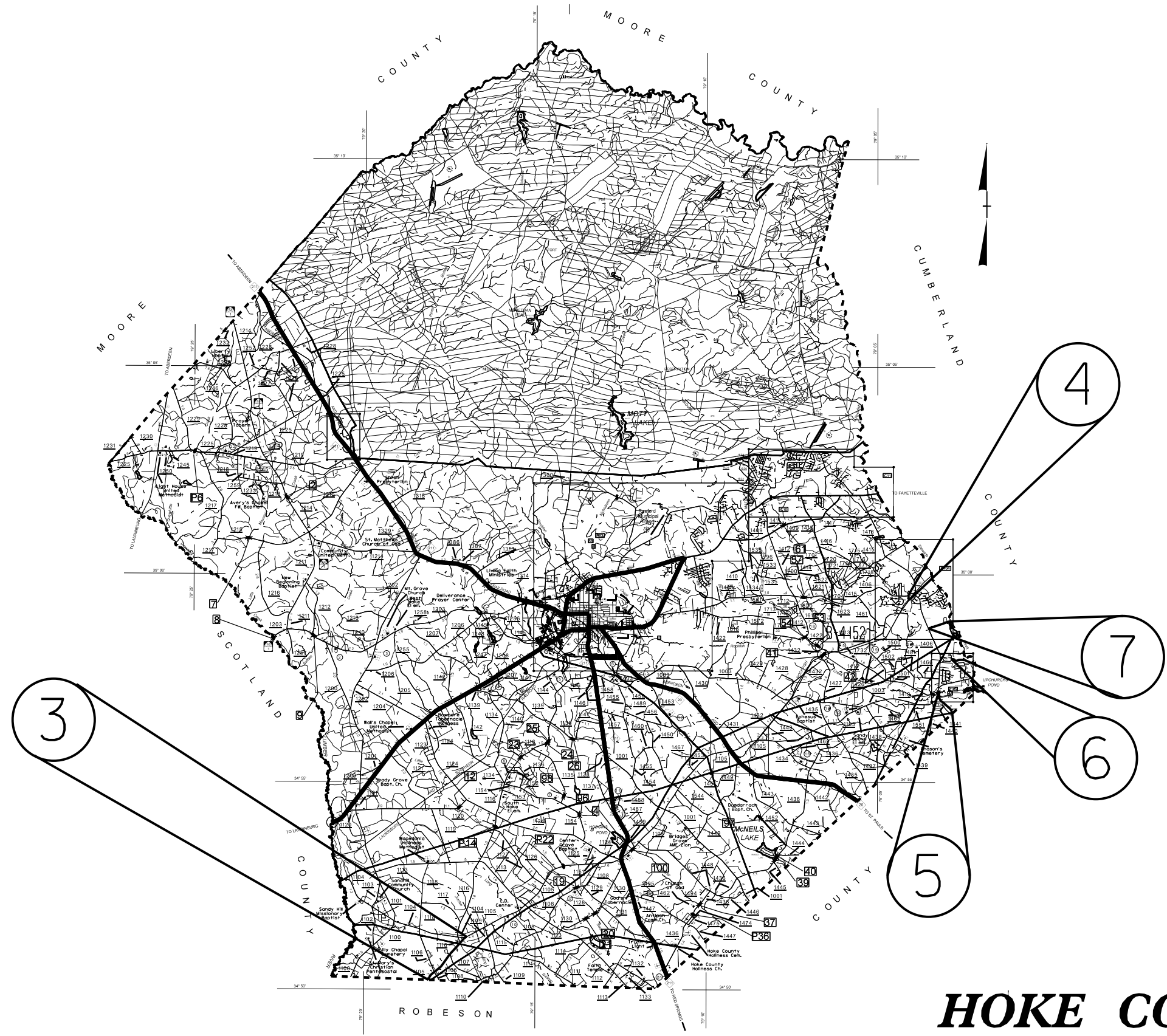


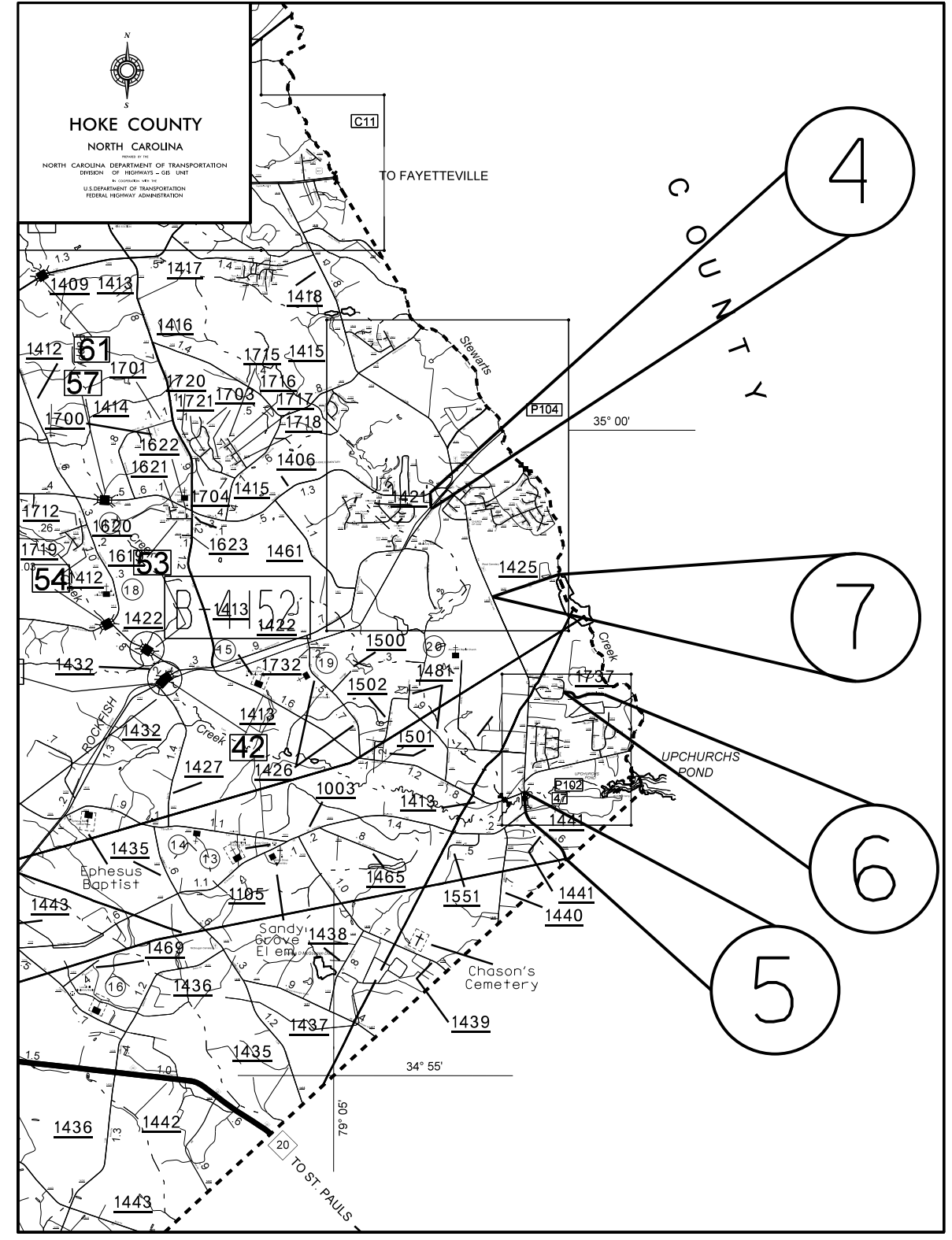
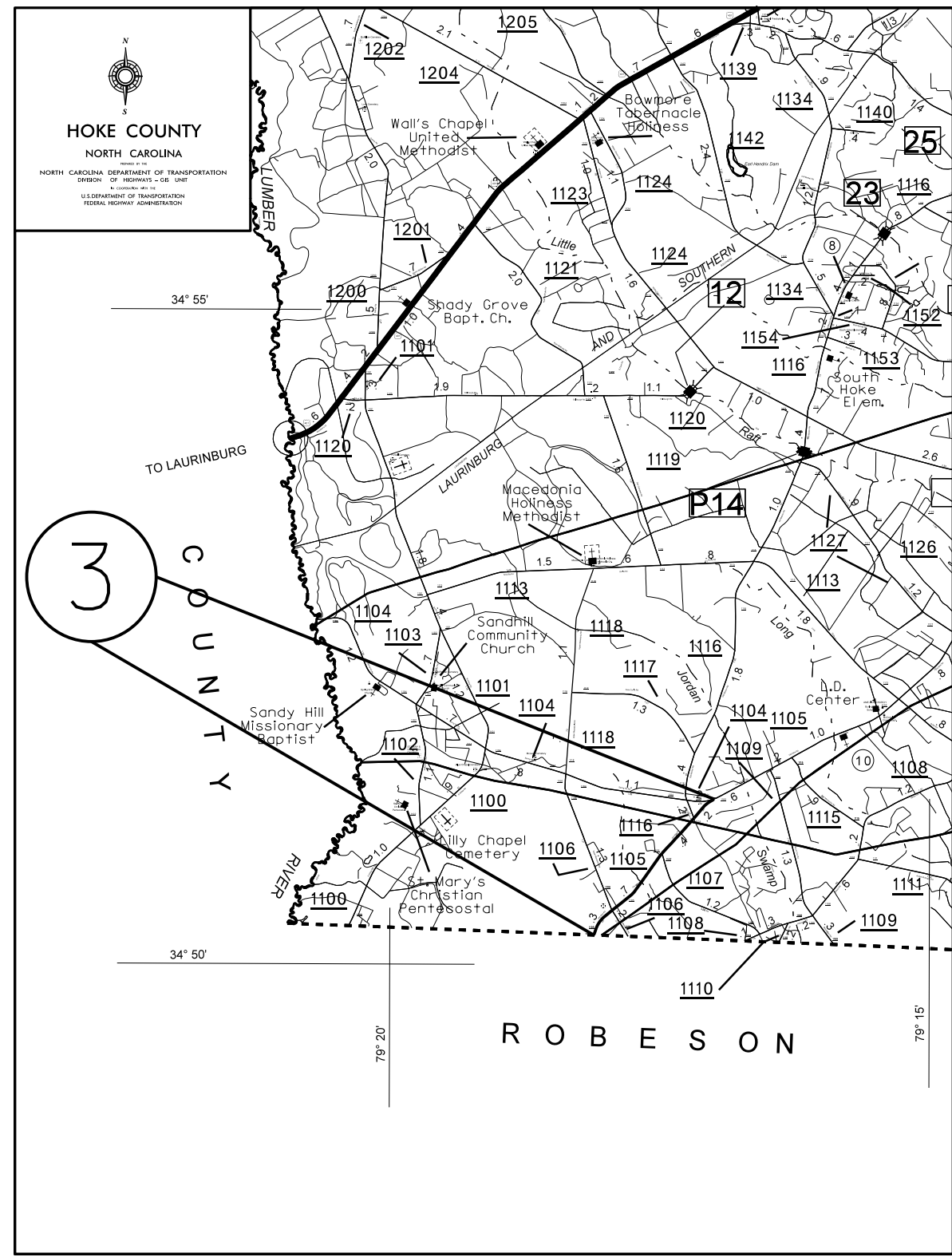
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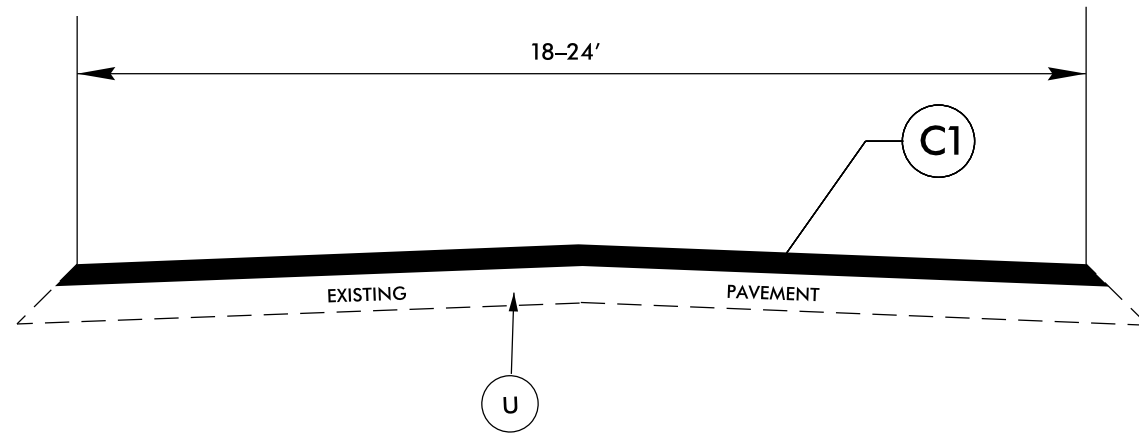




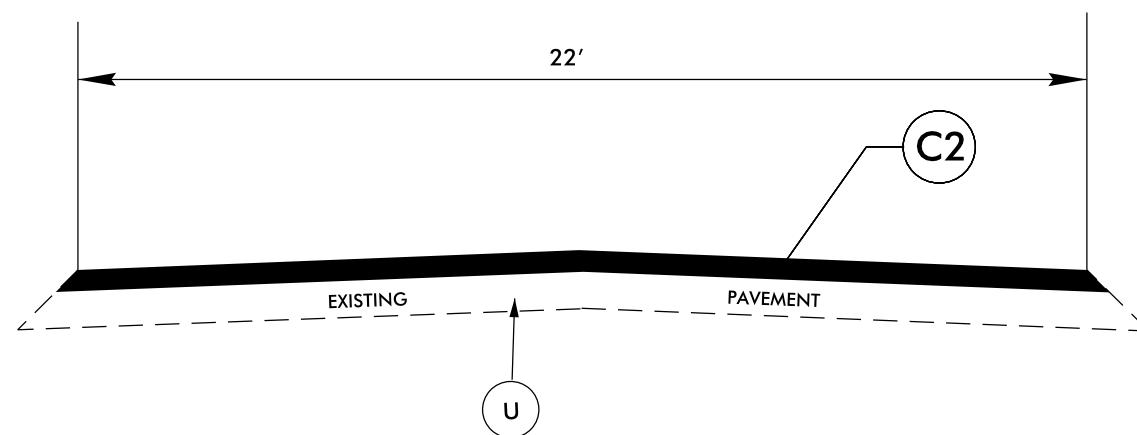
# ***HOKE COUNTY***



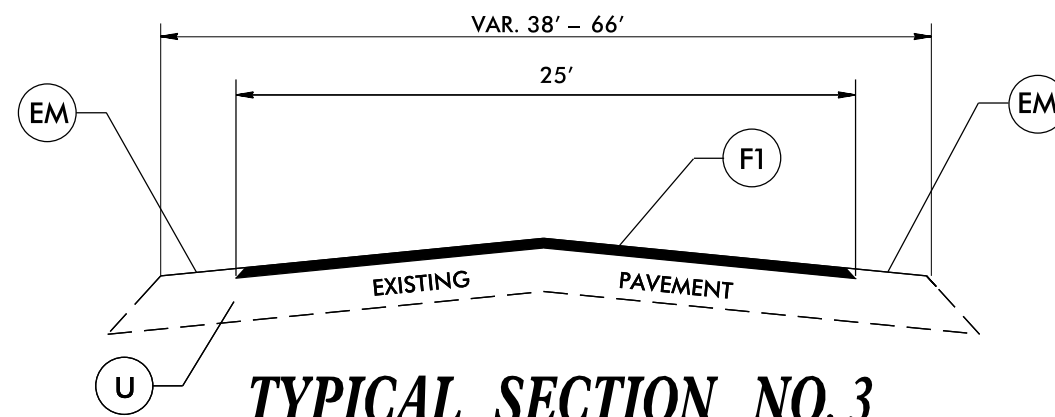
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## TYPICAL SECTION NO. 1



## TYPICAL SECTION NO. 2



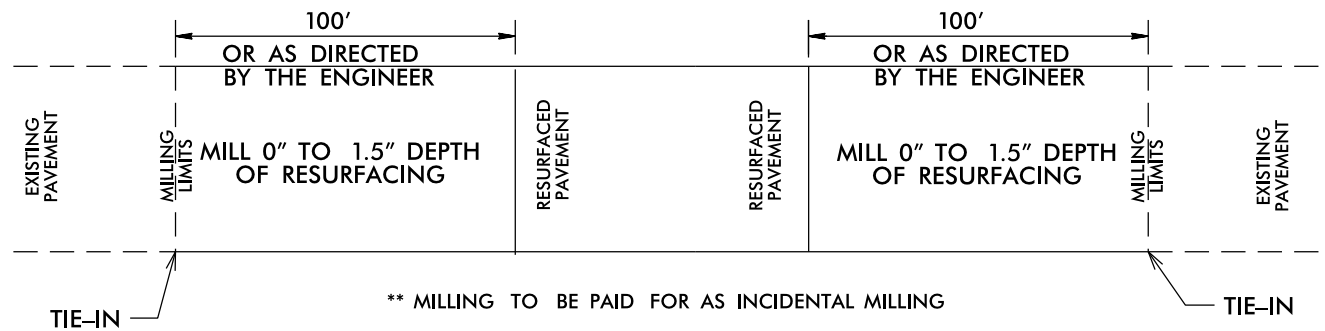
## TYPICAL SECTION NO. 3

NOTE: TYPE III MICROSURFACING TO BE PLACED BETWEEN MILLED RUMBLE STRIPS AND GORE AREAS ONLY.

## PAVEMENT SCHEDULE

|    |   |
|----|---|
| C1 | PROP. APPROX. 1.5 " ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.  |
| C2 | PROP. APPROX. 1.0 " ASPHALT CONC. SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. |
| F1 | PROPOSED LATEX MODIFIED MICROSURFACING, TYPE III, AT A RATE OF 22 TO 26 LBS. PER SQ. YD.                  |
| EM | EXISTING MILLED RUMBLE STRIPS   |
| U  | EXISTING PAVEMENT   |

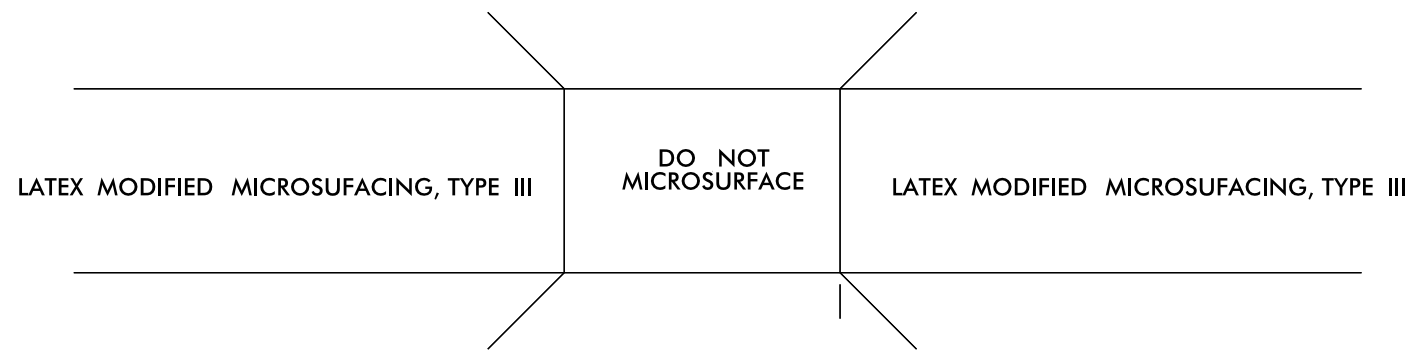
NOTE: SHOULDER WORK WILL BE PERFORMED BY STATE FORCES.



### PAVEMENT TIE-IN DETAIL

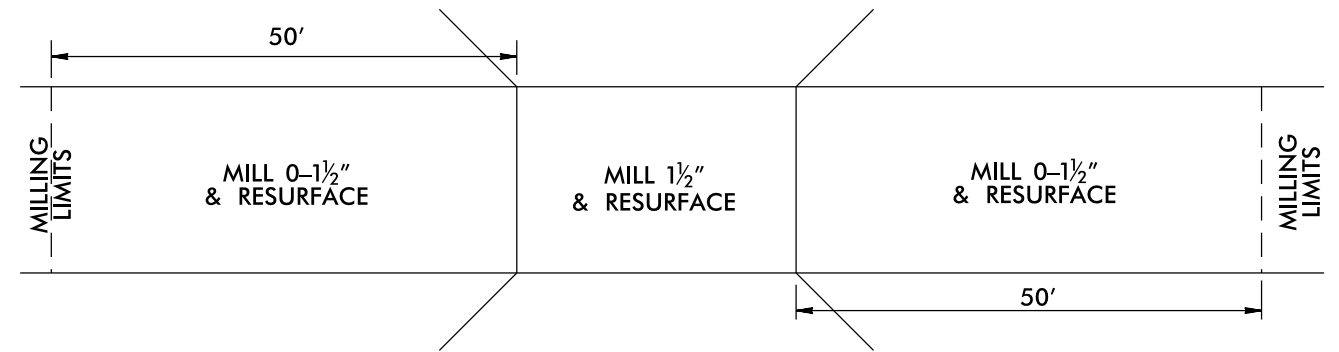
\*\* MILLING TO BE PAID FOR AS INCIDENTAL MILLING

| PAVEMENT SCHEDULE |   |
|-------------------|---|
| C1                | PROP. APPROX. 1.5 " ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.  |
| C2                | PROP. APPROX. 1.0 " ASPHALT CONC. SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. |
| F1                | PROPOSED LATEX MODIFIED MICROSUFACING, TYPE III, AT A RATE OF 22 TO 26 LBS. PER SQ. YD.                   |
| EM                | EXISTING MILLED RUMBLE STRIPS   |
| U                 | EXISTING PAVEMENT   |



### BRIDGE DRAWING FOR MAP NO 1,2 US HWY 74 EBL/WBL (BRIDGE NO 97,98)

\* TIE IN LATEX MODIFIED MICROSUFACING, TYPE III TO THE BRIDGE.



### BRIDGE DRAWING FOR MAP NO 5 DAVIS BRIDGE RD (BRIDGE NO 47)

\* MILLING SHALL BE PAID FOR UNDER INCIDENTAL MILLING



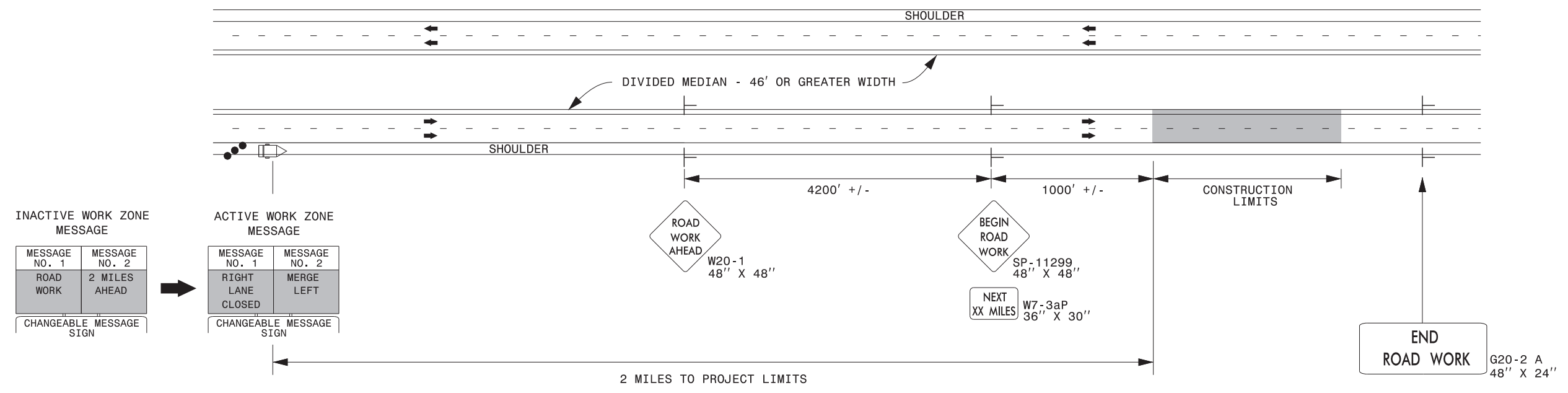
## SUMMARY OF QUANTITIES

| PROJECT NO                                    | COUNTY  | MAP NO | ROUTE                       | DESCRIPTION  | TYP NO | LANES | LANE TYPE | FINAL SURFACE TESTING REQUIRED | WARM MIX ASPHALT REQUIRED | LENGTH       | WIDTH | INC. MILLING | SURFACE COURSE, S9.5B | SURFACE COURSE, S4.75A | ASPHALT BINDER FOR PLANT MIX | LATEX MODIFIED MICROSUR FACING, TYPE III | ADJ. OF METER OR VALVE BOX |    |
|---|---------|--------|-----------------------------|--|--------|-------|-----------|--------------------------------|---------------------------|--------------|-------|--------------|-----------------------|------------------------|------------------------------|--|----------------------------|----|
|   |         |        |                             |  |        |       |           |                                |                           | MI           | FT    |              | SY                    | TONS                   |                              | TONS                                     | TONS                       | SY |
| 2021C   | Scotia  | 1      | US HWY 74 (EB)              | FROM SHOEHEEL CREEK TO ROBESON CO. LN.                         | 3      | 2     | MD        | NO                             | NO                        | 2.04         | 25    |              |                       |                        |                              |  | 35,383                     |    |
|   |         | 2      | US HWY 74 (WB)              | FROM ROBESON CO. LN. TO SHOEHEEL CREEK                         | 3      | 2     | MD        | NO                             | NO                        | 2.04         | 25    |              |                       |                        |                              |  | 32,845                     |    |
| <b>TOTAL FOR PROJ NO. 2021CPT.08.11.10831</b> |         |        |                             |  |        |       |           |                                |                           | <b>4.08</b>  |       |              |                       |                        |                              | <b>68,228</b>                            |                            |    |
| 2021CPT.08.11.2                               | Hoke    | 3      | SR 1105 (S. OLD WIRE RD.)   | FROM ROBESON CO, LN. TO SR 1104 (SPRING HILLRD.)               | 1      | 2     | 2WU       | NO                             | NO                        | 1.64         | 18    | 558          | 1,813                 |                        | 121                          |  |                            |    |
|   |         | 4      | SR 1421 (SCHOOL ST.)        | FROM SR 1406 (ROCKFISH RD.) TO SR 1422 (PHILLIPPI CHURCH RD.)  | 1      | 2     | 2WU       | NO                             | NO                        | 0.14         | 18    | 200          | 132                   |                        | 9                            |  |                            |    |
|   |         | 5      | SR 1441 (DAVIS BRIDGE RD.)  | FROM ROBESON CO. LN. TO SR 1413 (PITTMAN GROVE CHURCH RD)      | 1      | 2     | 2WU       | NO                             | NO                        | 0.791        | 24    | 1,000        | 997                   |                        | 67                           |  |                            |    |
|   |         | 6      | SR 1737 (E. LAKE RIDGE RD.) | FROM SR 1734 (COPPER CREEK DR.) TO DEAD END                    | 1      | 2     | 2WU       | NO                             | NO                        | 0.39         | 18    | 112          | 390                   |                        | 26                           |  |                            | 1  |
|   |         | 7      | SR 1425 (KING RD)           | FROM SR 1406 (ROCKFISH RD) TO CUMBERLAND CO. LN.               | 1      | 2     | 2WU       | NO                             | NO                        | 0.62         | 24    | 135          | 720                   |                        | 48                           |  |                            | 1  |
| <b>TOTAL FOR PROJ NO. 2021CPT.08.11.20471</b> |         |        |                             |  |        |       |           |                                |                           | <b>3.581</b> |       | <b>2,005</b> | <b>4,052</b>          |                        | <b>271</b>                   |  | <b>2</b>                   |    |
| 2021C   | Scotian | 8      | SR 1323 (MCFARLAND RD.)     | FROM US HWY 15-501 (ABERDEEN RD.) TO NC HWY 144 (OLD WIRE RD.) | 2      | 2     | 2WU       | NO                             | NO                        | 0.95         | 22    | 422          |                       | 634                    | 44                           |  |                            |    |
|   |         | 9      | SR 1670 (MCLEOD RD.)        | FROM SR 1614 (BARNES BRIDGE RD.) TO DEAD END                   | 1      | 2     | 2WU       | NO                             | NO                        | 1.05         | 20    | 316          | 1,264                 |                        | 85                           |  |                            |    |
| <b>TOTAL FOR PROJ NO. 2021CPT.08.11.20831</b> |         |        |                             |  |        |       |           |                                |                           | <b>2</b>     |       | <b>738</b>   | <b>1,264</b>          | <b>634</b>             | <b>129</b>                   |  |                            |    |
| <b>GRAND TOTAL</b>                            |         |        |                             |  |        |       |           |                                |                           | <b>9.661</b> |       | <b>2,743</b> | <b>5,316</b>          | <b>634</b>             | <b>400</b>                   | <b>68,228</b>                            | <b>2</b>                   |    |

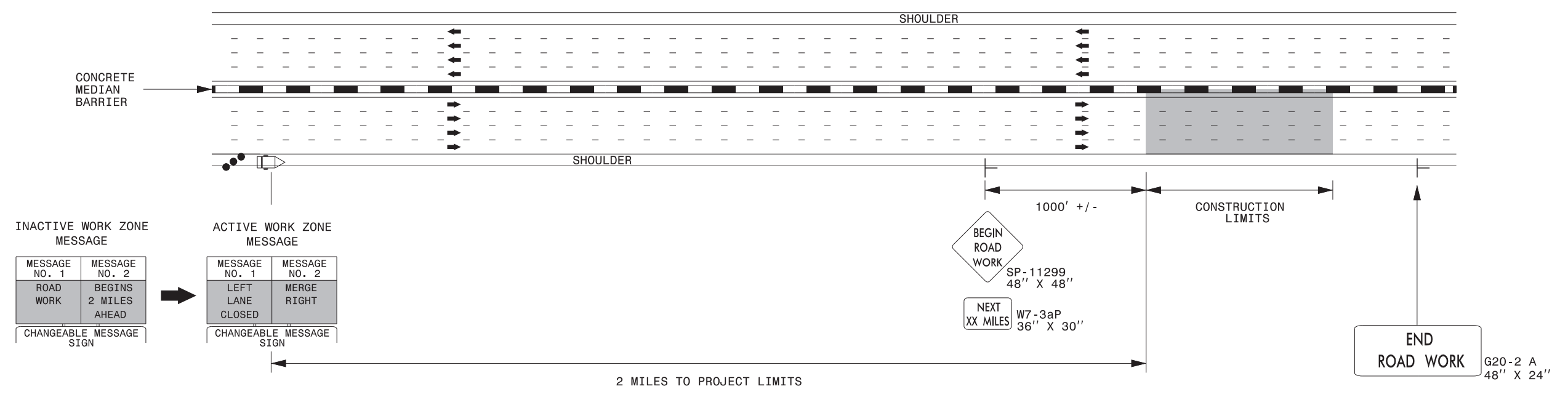
## THERMOPLASTIC AND PAINT QUANTITIES

| PROJECT NO                                    | COUNTY  | MAP NO | ROUTE                       | DESCRIPTION  | TYP NO | LANES | LANE TYPE | LENGTH | WIDTH | 4413000                    | 4457000               | 0000000         | 4688000000-E            | 4700000000             | 4725000000              | 4815000000-E           | 48550000        | 48650000       | 4875000         | 4905...-N        |                                 |                                     |              |            |            |
|---|---------|--------|-----------------------------|--|--------|-------|-----------|--------|-------|----------------------------|-----------------------|-----------------|-------------------------|------------------------|-------------------------|------------------------|-----------------|----------------|-----------------|------------------|---------------------------------|-------------------------------------|--------------|------------|------------|
|   |         |        |                             |  |        |       |           |        |       | WZ ADV/ GEN. WARN. SIGNING | TEMP. TRAFFIC CONTROL | LAW ENFORCEMENT | 6" X 90 M YELLOW THERMO | 6" X 90 M WHITE THERMO | 12" X 90 M WHITE THERMO | THERMO MERGE ARROW 90M | 6" YELLOW PAINT | 6" WHITE PAINT | 6" LINE REMOVAL | 12" LINE REMOVAL | REM. OF PM SYMBOLS & CHARACTERS | SNOW PLOWABLE MARKERS C & R MARKERS |              |            |            |
|   |         |        |                             |  |        |       |           |        |       | MI                         | FT                    | SF              | LS                      | HR                     | LF                      | LF                     | LF              | EA             | LF              | LF               | EA                              | EA                                  |              |            |            |
| 2021C   | Scotia  | 1      | US HWY 74 (EB)              | FROM SHOEHEEL CREEK TO ROBESON CO. LN.                         | 3      | 2     | MD        | 2.04   | 25    | 270                        |                       |                 |                         |                        |                         |                        |                 |                |                 |                  |                                 |                                     |              |            |            |
|   |         | 2      | US HWY 74 (WB)              | FROM ROBESON CO. LN. TO SHOEHEEL CREEK                         | 3      | 2     | MD        | 2.04   | 25    | 270                        | *                     |                 |                         |                        |                         |                        |                 |                |                 |                  |                                 |                                     |              |            |            |
| <b>TOTAL FOR PROJ NO. 2021CPT.08.11.10831</b> |         |        |                             |  |        |       |           |        |       | <b>4.08</b>                |                       | <b>540</b>      |                         |                        | <b>40</b>               | <b>20,625</b>          | <b>27,057</b>   | <b>1,966</b>   | <b>8</b>        | <b>1,110</b>     | <b>1,650</b>                    | <b>47,682</b>                       | <b>1,966</b> | <b>8</b>   | <b>363</b> |
|   |         |        |                             |  |        |       |           |        |       |                            |                       |                 | <b>47,682</b>           |                        | <b>2,760</b>            |                        |                 |                |                 |                  |                                 |                                     |              |            |            |
| 2021CPT.08.11.2                               | Hoke    | 3      | SR 1105 (S. OLD WIRE RD.)   | FROM ROBESON CO, LN. TO SR 1104 (SPRING HILLRD.)               | 1      | 2     | 2WU       | 1.64   | 18    | 504                        |                       |                 |                         |                        |                         |                        |                 |                |                 |                  |                                 |                                     |              |            |            |
|   |         | 4      | SR 1421 (SCHOOL ST.)        | FROM SR 1406 (ROCKFISH RD.) TO SR 1422 (PHILLIPPI CHURCH RD.)  | 1      | 2     | 2WU       | 0.14   | 18    | 16                         |                       |                 |                         |                        |                         |                        |                 |                |                 |                  |                                 |                                     |              |            |            |
|   |         | 5      | SR 1441 (DAVIS BRIDGE RD.)  | FROM ROBESON CO. LN. TO SR 1413 (PITTMAN GROVE CHURCH RD)      | 1      | 2     | 2WU       | 0.791  | 24    | 150                        | *                     |                 |                         |                        |                         |                        |                 |                |                 |                  |                                 |                                     |              |            |            |
|   |         | 6      | SR 1737 (E. LAKE RIDGE RD.) | FROM SR 1734 (COPPER CREEK DR.) TO DEAD END                    | 1      | 2     | 2WU       | 0.39   | 18    | 204                        |                       |                 |                         |                        |                         |                        |                 |                |                 |                  |                                 |                                     |              |            |            |
|   |         | 7      | SR 1425 (KING RD)           | FROM SR 1406 (ROCKFISH RD) TO CUMBERLAND CO. LN.               | 1      | 2     | 2WU       | 0.62   | 24    | 69                         |                       |                 |                         |                        |                         |                        |                 |                |                 |                  |                                 |                                     |              |            |            |
| <b>TOTAL FOR PROJ NO. 2021CPT.08.11.20471</b> |         |        |                             |  |        |       |           |        |       | <b>3.581</b>               |                       | <b>943</b>      |                         |                        |                         |                        |                 |                |                 |                  |                                 |                                     |              |            |            |
| 2021C   | Scotian | 8      | SR 1323 (MCFARLAND RD.)     | FROM US HWY 15-501 (ABERDEEN RD.) TO NC HWY 144 (OLD WIRE RD.) | 2      | 2     | 2WU       | 0.95   | 22    | 269                        |                       |                 |                         |                        |                         |                        |                 |                |                 |                  |                                 |                                     |              |            |            |
|   |         | 9      | SR 1670 (MCLEOD RD.)        | FROM SR 1614 (BARNES BRIDGE RD.) TO DEAD END                   | 1      | 2     | 2WU       | 1.05   | 20    | 438                        | *                     |                 |                         |                        |                         |                        |                 |                |                 |                  |                                 |                                     |              |            |            |
| <b>TOTAL FOR PROJ NO. 2021CPT.08.11.20831</b> |         |        |                             |  |        |       |           |        |       | <b>2</b>                   |                       | <b>707</b>      |                         |                        |                         |                        |                 |                |                 |                  |                                 |                                     |              |            |            |
| <b>GRAND TOTAL</b>                            |         |        |                             |  |        |       |           |        |       | <b>9.661</b>               |                       | <b>2,190</b>    | <b>1</b>                | <b>40</b>              | <b>20,625</b>           | <b>27,057</b>          | <b>1,966</b>    | <b>8</b>       | <b>1,110</b>    | <b>1,650</b>     | <b>47,682</b>                   | <b>1,966</b>                        | <b>8</b>     | <b>363</b> |            |
|   |         |        |                             |  |        |       |           |        |       |                            |                       |                 | <b>47,682</b>           |                        | <b>2,760</b>            |                        |                 |                |                 |                  |                                 |                                     |              |            |            |

### DIVIDED MEDIANS WITH WIDTHS 46' OR GREATER







### DIVIDED MEDIANS WITH WIDTHS LESS THAN 46' OR WITH PERMANENT MEDIAN BARRIER

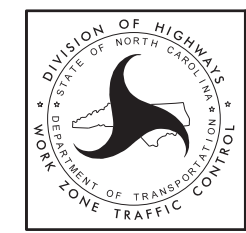


**NOTES:**

- 1) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 6' AS MEASURED FROM THE EDGE OF PAVEMENT.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) FOR MEDIAN WIDTHS LESS THAN 46' (MEASURED EDGELINE TO EDGELINE) USE THE BOTTOM DRAWING.
- 4) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 5) INSTALL "ROAD WORK AHEAD" (W20-1) ALONG ENTRANCE RAMP 500' PRIOR TO RAMP TERMINAL, AND "END ROAD WORK" (G20-2a) AT THE END OF EXIT RAMP WITHIN THE WORK ZONE.
- 6) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER AND WITH DIVIDED MEDIANS OF 46' OR GREATER. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

**LEGEND**

-  CHANGEABLE MESSAGE SIGN (CMS)
-  STATIONARY SIGN
-  DIRECTION OF TRAFFIC FLOW
-  TRAFFIC DRUM



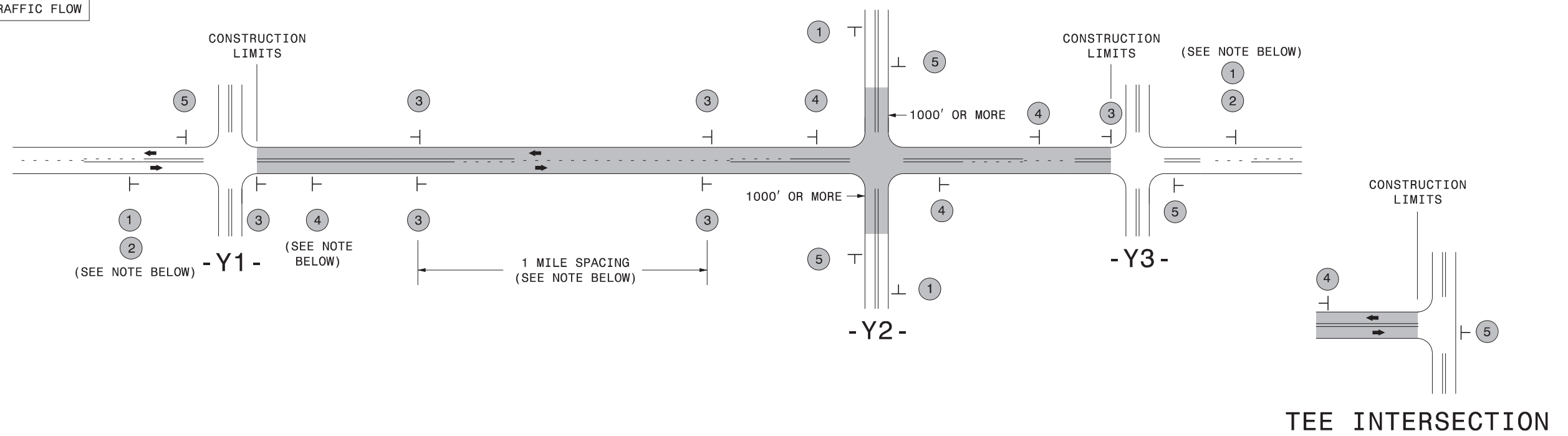
**RESURFACING ADVANCE WARNING SIGNS FOR HIGH SPEED FACILITIES ≥ 60 MPH**

3/23/2015 C:\Users\rmgarrrett\Downloads\Resurfacing\_AdvWarn\_HSpd.dgn User:rmgarrrett



# SIGNING FOR RESURFACING PROJECTS

**LEGEND**  
 ┆ STATIONARY SIGN  
 ← DIRECTION OF TRAFFIC FLOW



## MAINLINE (-L-) SIGNING

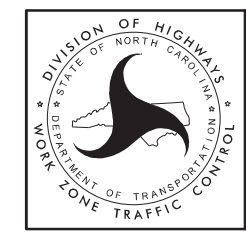
## -Y- LINE SIGNING

|   |   |  |   |   |
|---|---|--|---|---|
| SIGNING NOTES AND PLACEMENT PER DIRECTION | 1 |  | PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.  | <p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> <li>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>2) SUBDIVISION ROADS</li> <li>3) DEAD END ROADS</li> </ol> <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <br/>           W20-1<br/>48" X 48"<br/>           PLACED 500' IN ADVANCE OF FLAGGER.         </div> <div style="text-align: center;"> <br/>           W20-7 A<br/>48" X 48"<br/>           PLACED 250' IN ADVANCE OF FLAGGER.         </div> </div> |
|   | 2 |  | #2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)   |   |
|   | 3 |  | - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.<br>- AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.   |   |
|   | 4 |  | - THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.<br>- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.<br>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.<br>- FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH.<br>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.<br>- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE. |   |
|   | 5 |  | PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.   |   |

THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

**MAPS LESS THAN 2 MILES**

FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.



**ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING**

5/15/2017 S:\TUXWZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing\_AdvWarn\_2Ln.dgn User:kedais