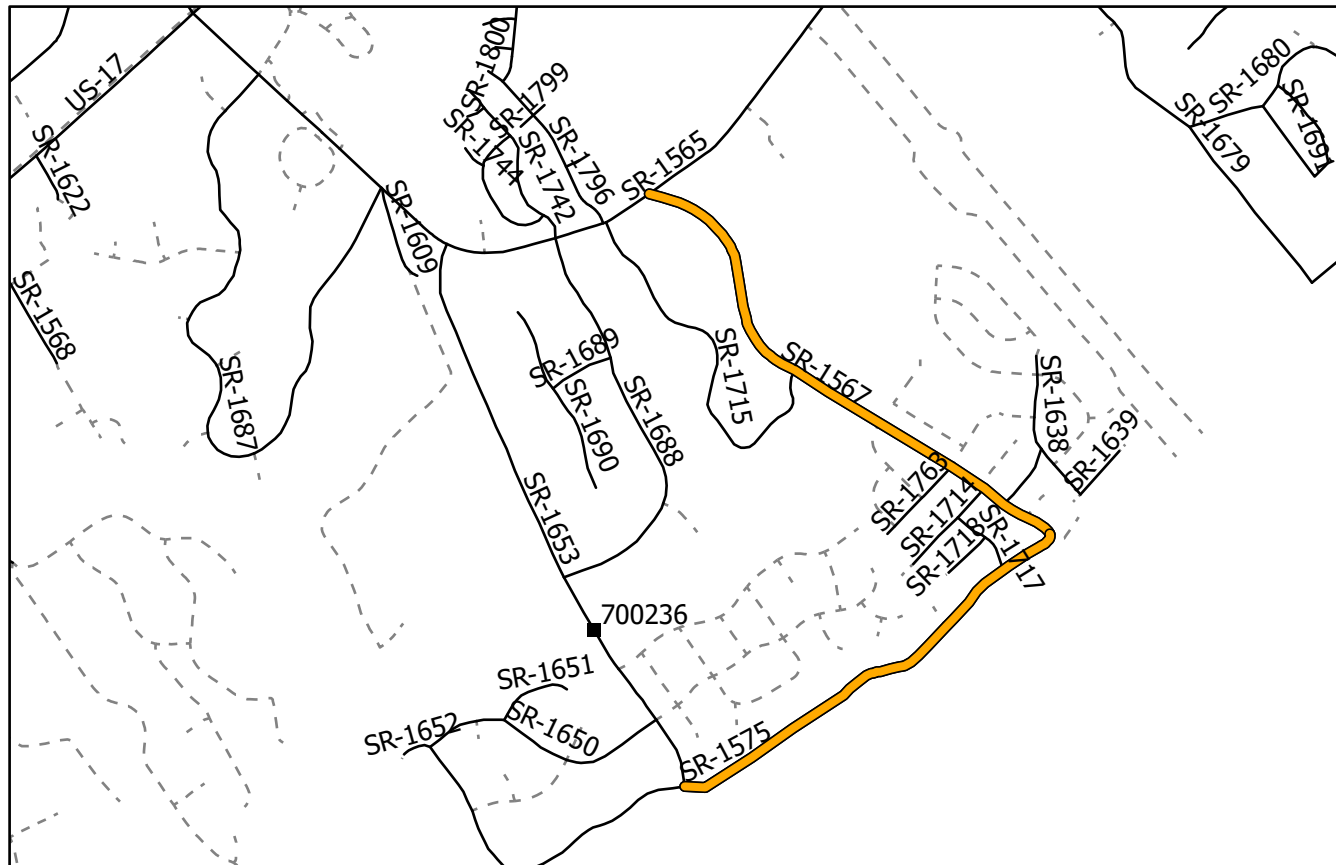
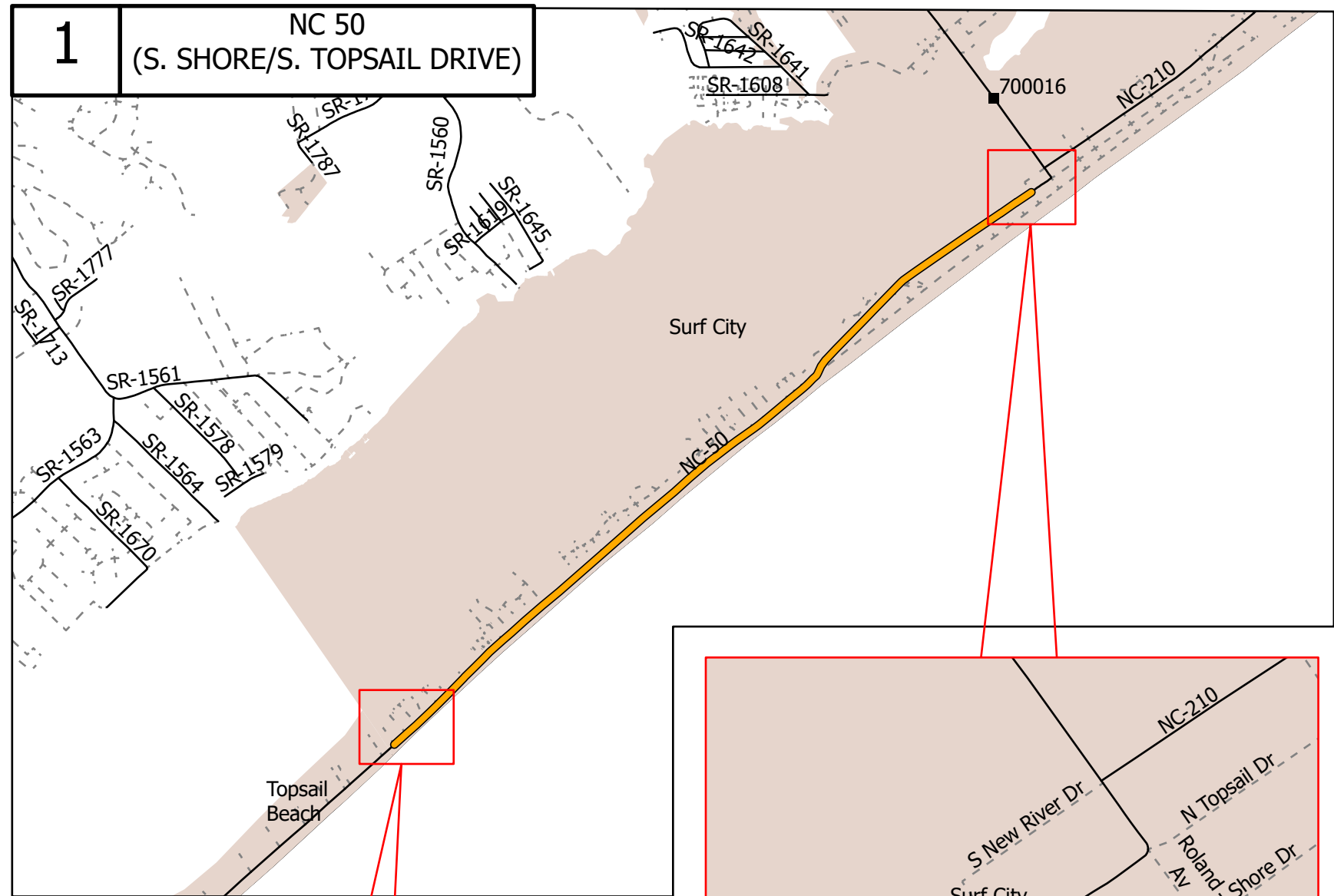
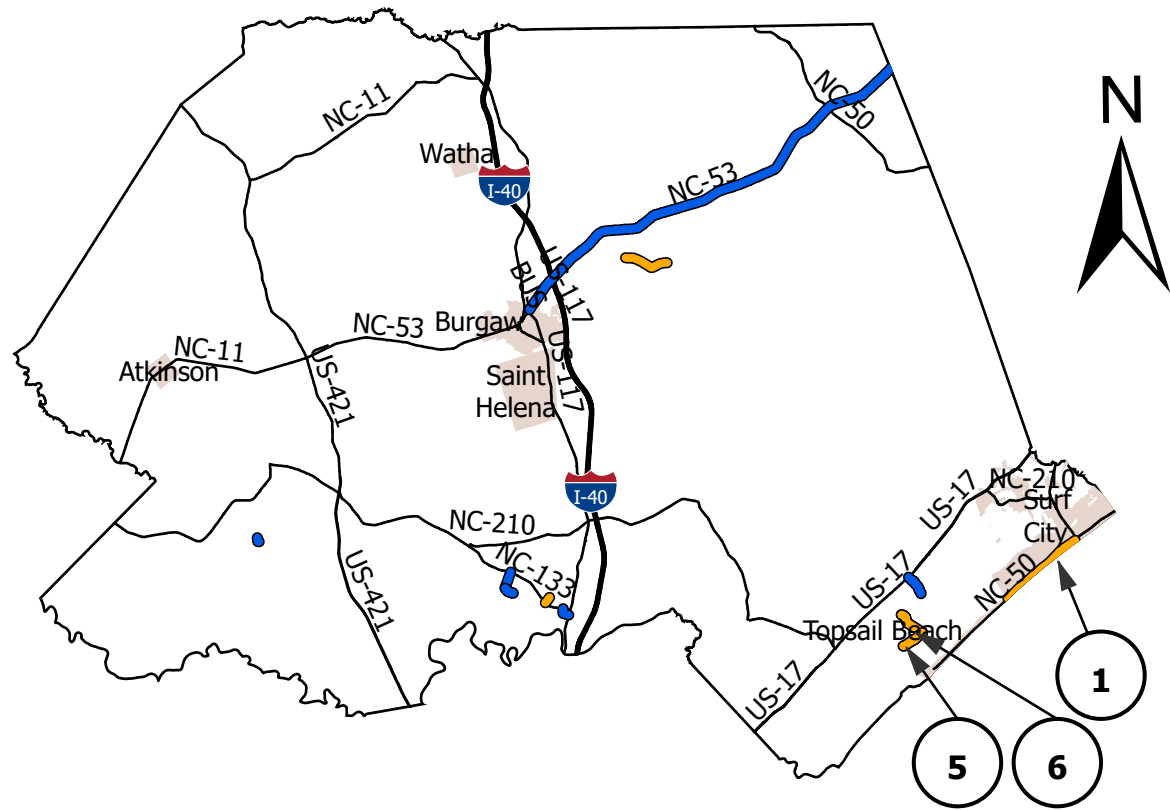
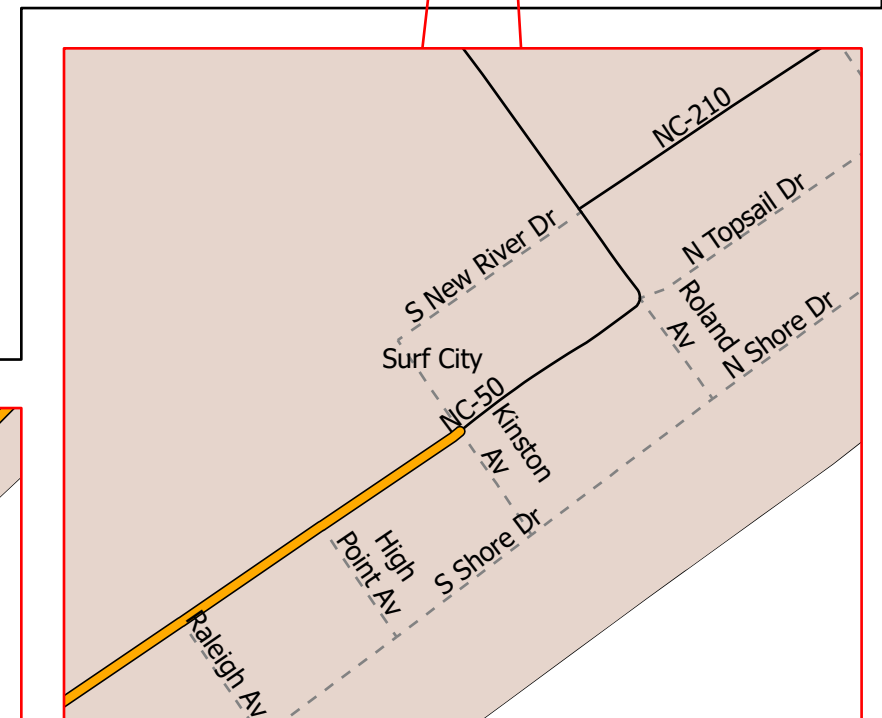
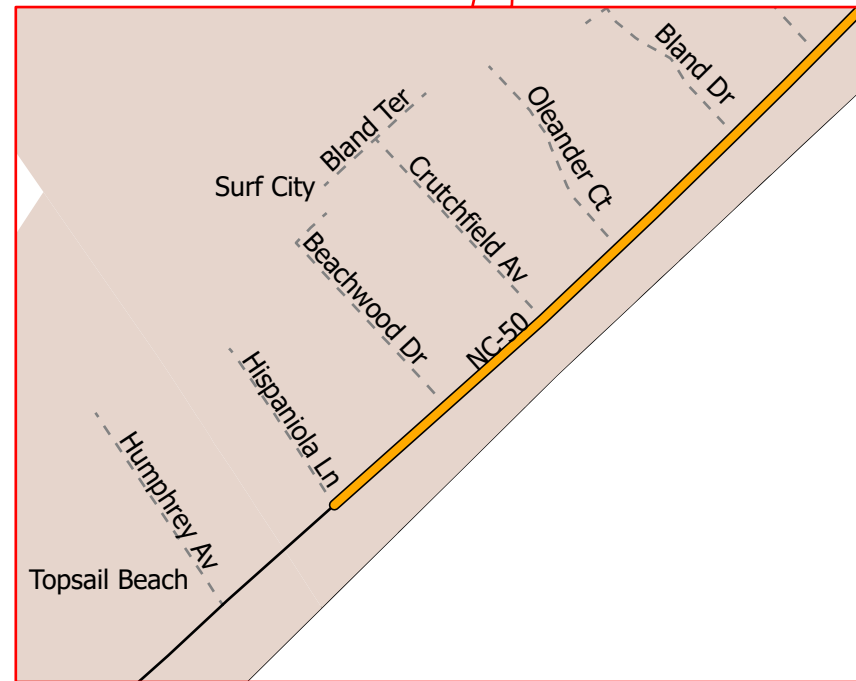


# Pender 1, 5-6

|                          |           |
|--------------------------|-----------|
| PROJECT REFERENCE NO.    | SHEET NO. |
| 2023CPT.03.09.10711, ETC | 1         |

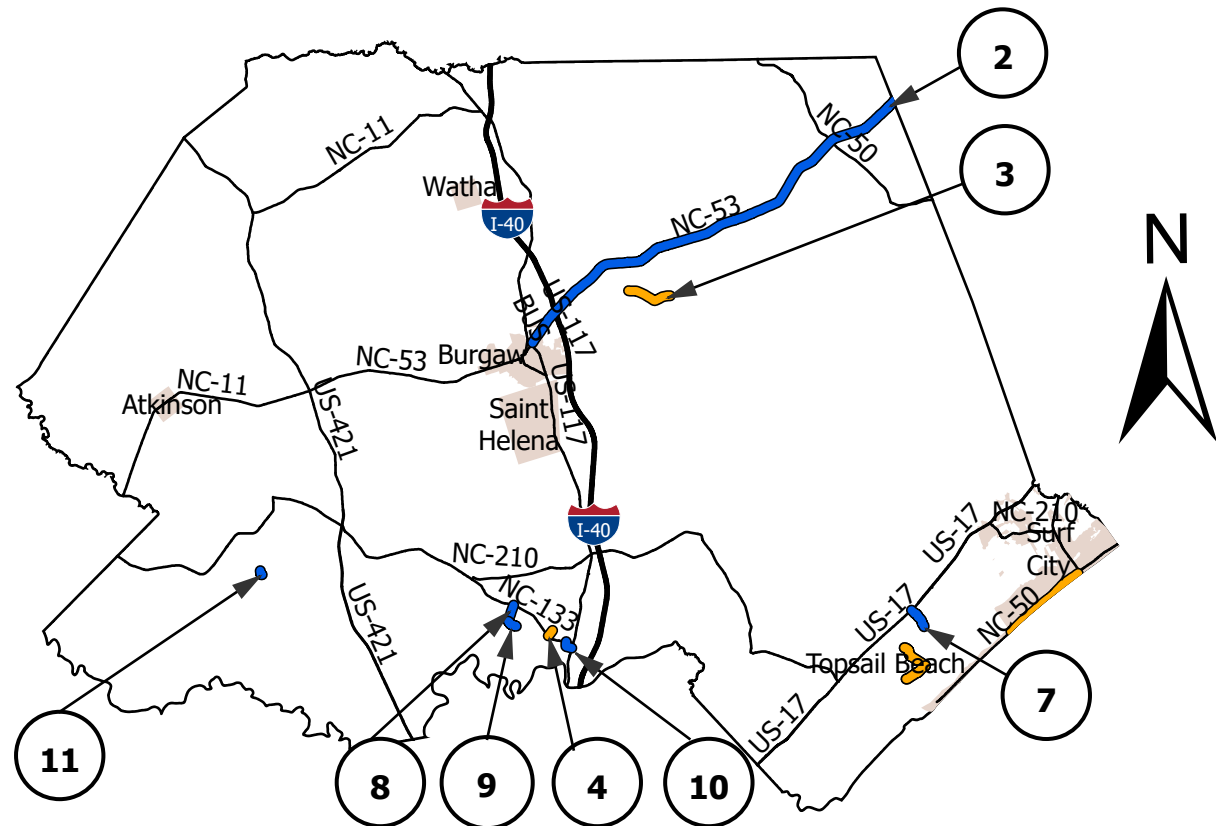


|   |                                 |   |                                 |
|---|---------------------------------|---|---------------------------------|
| 5 | SR 1575<br>(KINGS LANDING ROAD) | 6 | SR 1567<br>(KINGS LANDING ROAD) |
|---|---------------------------------|---|---------------------------------|

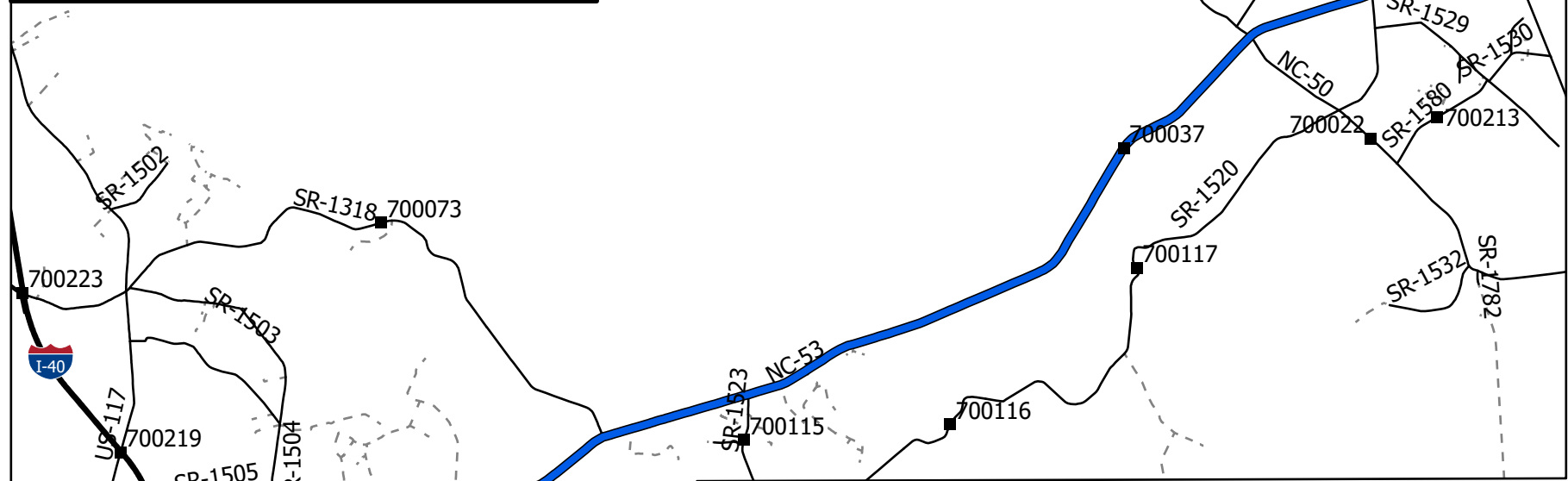


- Resurfacing Routes
- Preservation Routes
- - - NonSystem
- Bridges

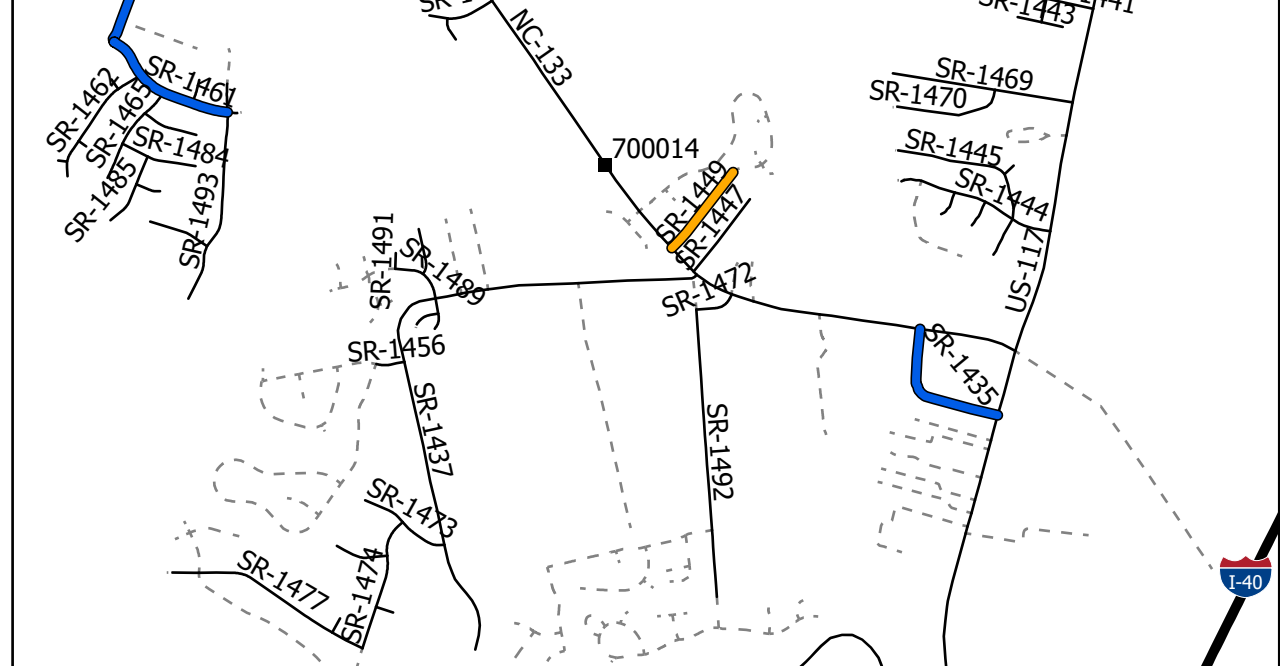
# Pender 2-4, 7-11



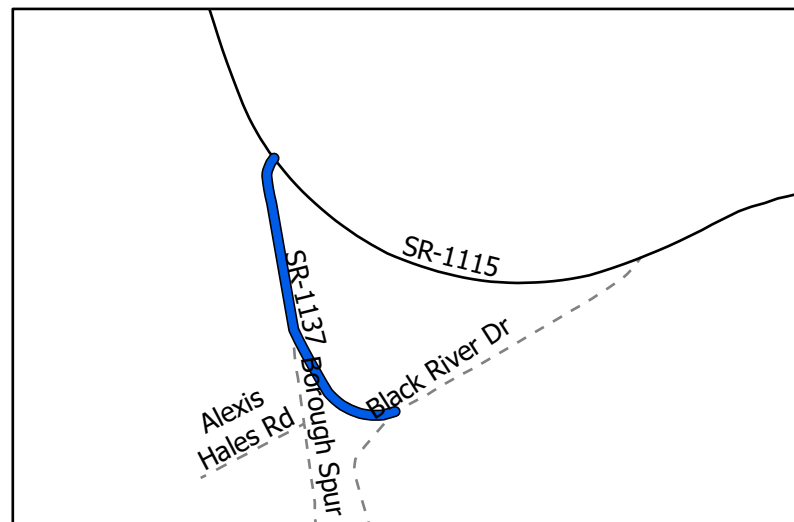
|   |                                 |
|---|---------------------------------|
| 2 | NC 53<br>(BURGAW HIGHWAY)       |
| 3 | SR 1512<br>(WHITESTOCKING ROAD) |



|   |                              |
|---|------------------------------|
| 4 | SR 1449<br>(QUAIL RUN DRIVE) |
| 8 | SR 1452<br>(FOREST LANE)     |

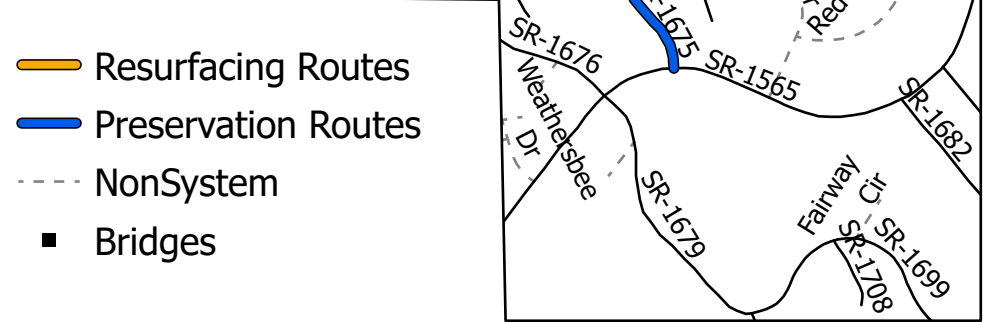
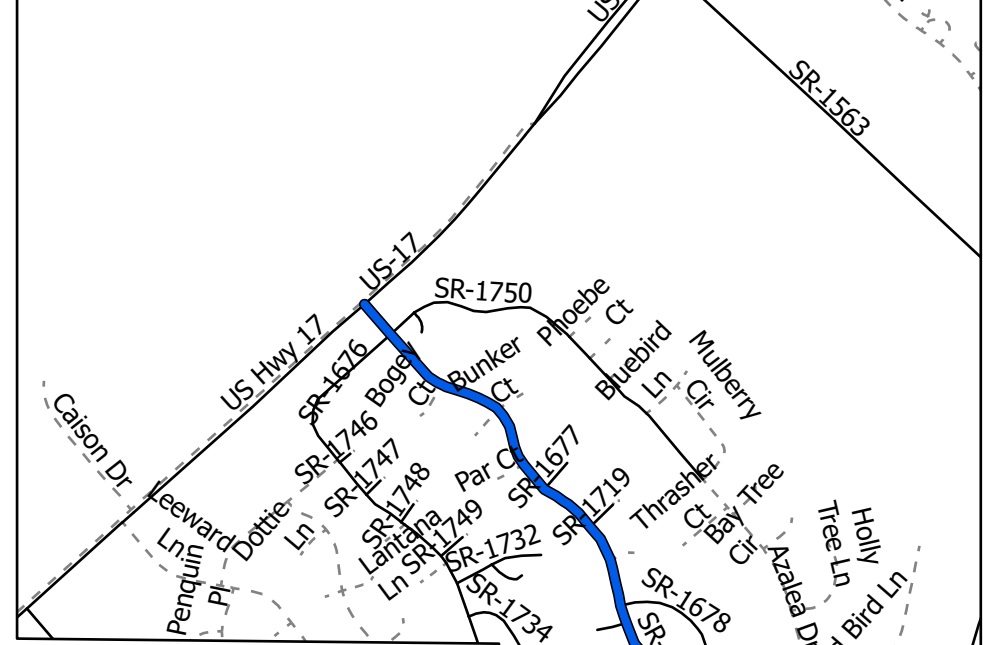


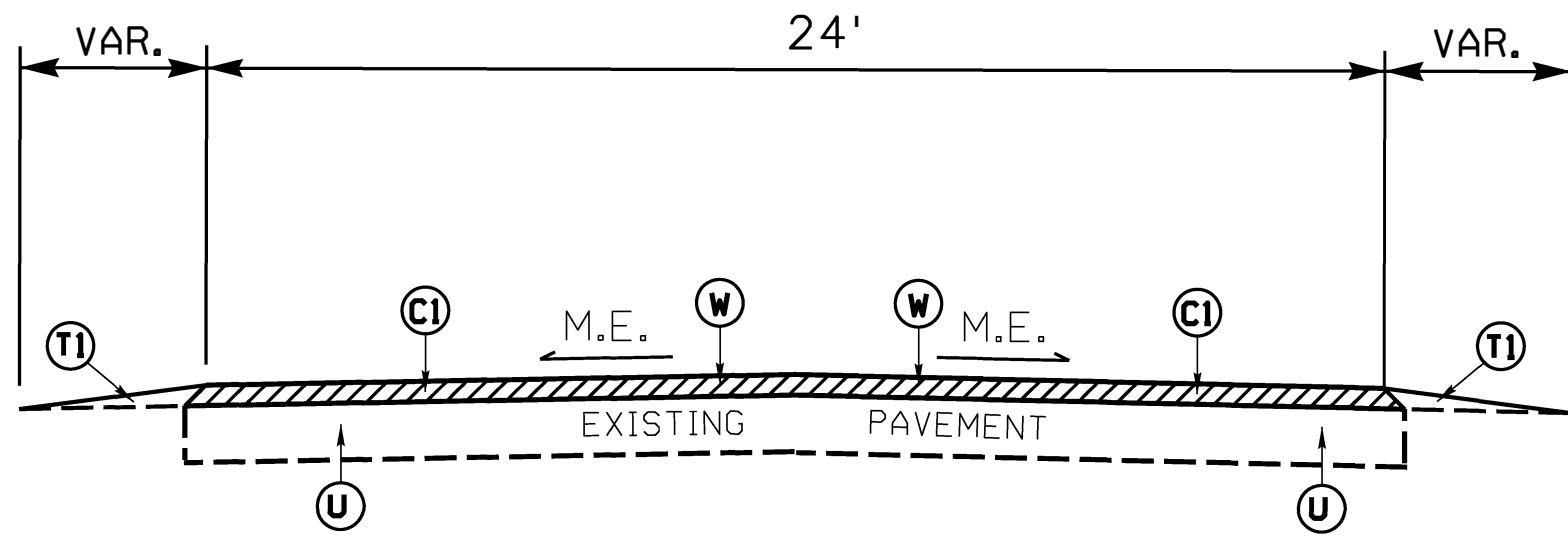
|   |                                |    |                              |
|---|--------------------------------|----|------------------------------|
| 9 | SR 1461<br>(WILLOWS BAY DRIVE) | 10 | SR 1435<br>(OAK HILLS DRIVE) |
|---|--------------------------------|----|------------------------------|



|    |                                |
|----|--------------------------------|
| 11 | SR 1137<br>(BOROUGH SPUR ROAD) |
|----|--------------------------------|

|   |                              |
|---|------------------------------|
| 7 | SR 1675<br>(LONG LEAF DRIVE) |
|---|------------------------------|





| PAVEMENT SCHEDULE |                                                                                                                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C1                | PROP. APPROX. 1/2" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165.0 LBS. PER SQ.YD.                                                                               |
| C2                | PROP. APPROX. 3/4" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 82.5 LBS. PER SQ.YD.                                                                               |
| T1                | EARTH MATERIAL (SHOULDER RECONSTRUCTION)                                                                                                                                                        |
| U                 | EXISTING PAVEMENT                                                                                                                                                                               |
| W                 | PROP. VAR. DEPTH OF ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 19.0C AT AN AVG. RATE OF 114 LBS. PER SQ. YD PER. 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 2 1/2" OR GREATER THAN 4" DEPTH. |

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.

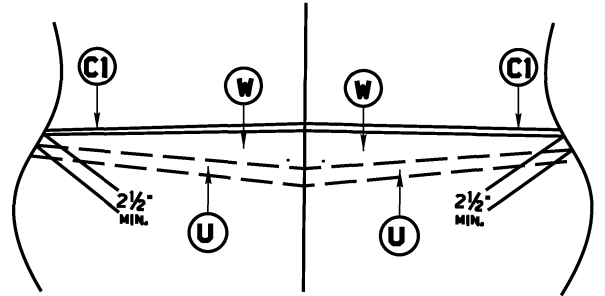
MAP NO. 2  
 ASPHALT TREATMENT IS  
 S9.5B SHORT OVERLAY ONLY  
 MP 0.00 - MP 17.70

NOTE: STATE FORCES WILL MARK SHORT OVERLAY  
 LOCATIONS. NO WORK IS TO BE DONE FROM  
 MP 13.50 - MP 14.20 DUE TO FLOODPLAIN  
 LOCATION.

**TYPICAL SECTION NO. 1**

MAP NO. 1  
 NC 50 (S. SHORE/S. TOPSAIL DR.)  
 MP 3.48 - MP 7.45

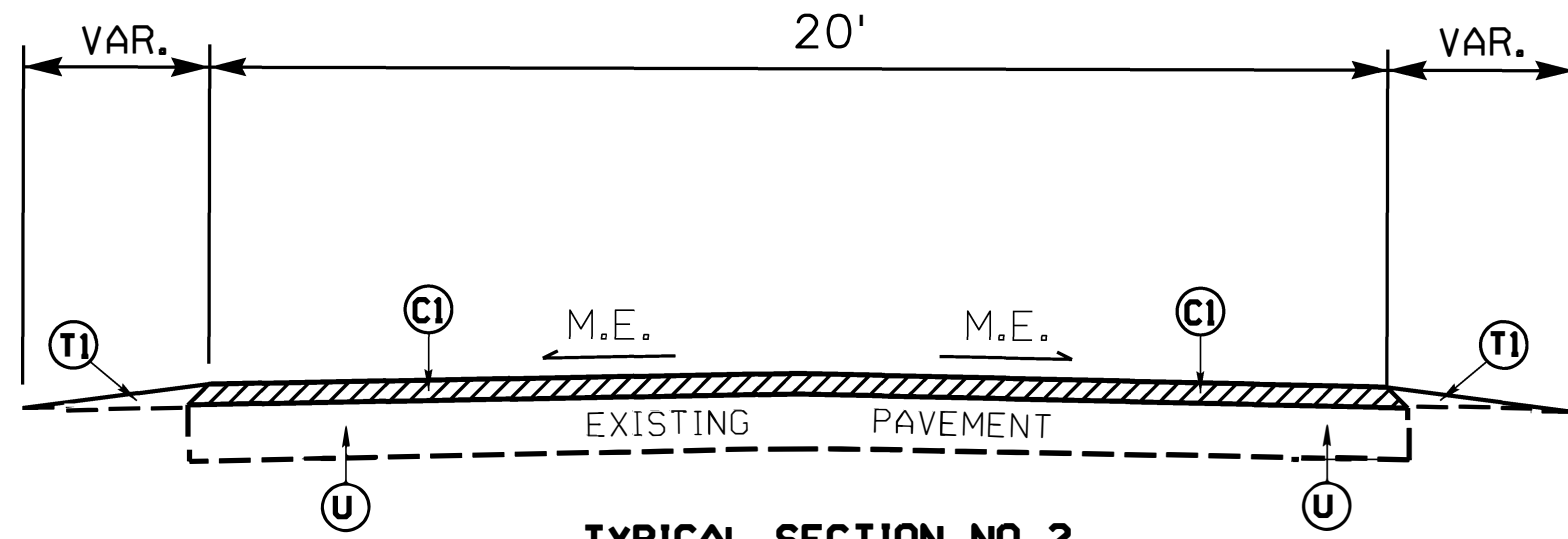
**CL SURVEY**



DETAIL SHOWING METHOD OF WEDGING

MAP NO. 1  
 NC 50 (S. SHORE/S. TOPSAIL DR.)  
 MP 3.48 - MP 7.45

\*ALSO SEE TYPICAL NO. 1



**TYPICAL SECTION NO. 2**

MAP NO. 3  
 SR 1512 (WHITESTOCKING RD.)  
 MP 1.70 - MP 3.56

MAP NO. 4  
 SR 1449 (QUAIL RUN DR.)  
 MP 0.00 - MP 0.27

MAP NO. 5  
 SR 1575 (KINGS LANDING RD.)  
 MP 0.00 - MP 0.94

MAP NO. 6  
 SR 1567 (KINGS LANDING RD.)  
 MP 0.00 - MP 1.13

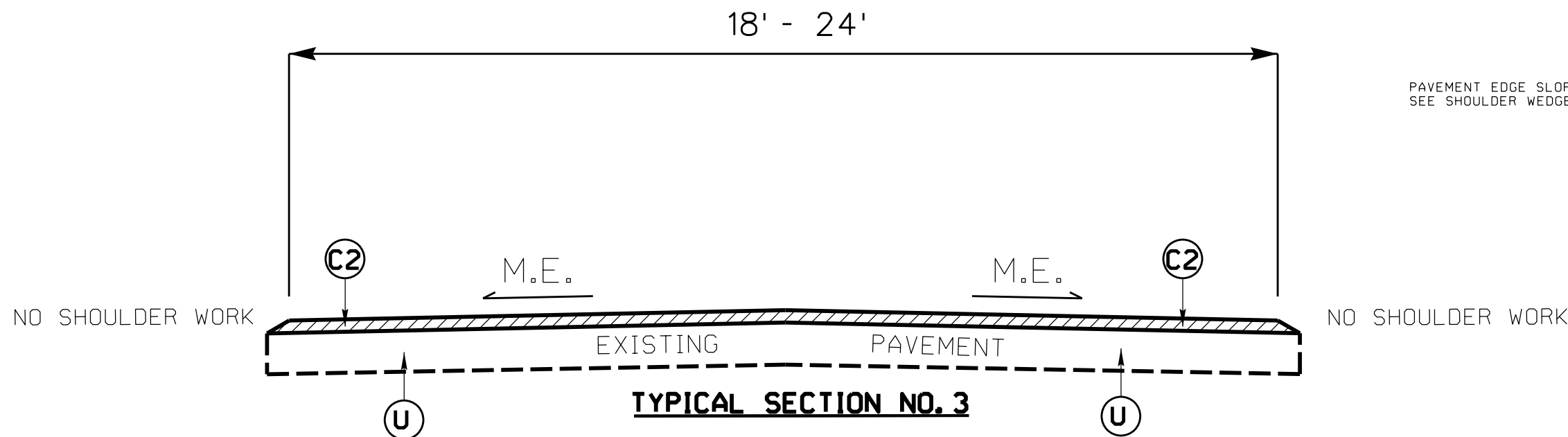
REVISIONS

SYSTEMS

8/17/99

| PAVEMENT SCHEDULE |                   |
|-------------------|-------------------|
| C2                | ¾" S4.75A         |
| U                 | EXISTING PAVEMENT |

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.



MAP NO. 7  
SR 1675 (LONGBLEAF DR.)  
MP 0.00 - MP 0.85

MAP NO. 8  
SR 1452 (FOREST LN.)  
MP 0.00 - MP 0.66

MAP NO. 9  
SR 1461 (WILLOWS BAY DR.)  
MP 0.00 - MP 0.40

MAP NO. 10  
SR 1435 (OAK HILLS DR.)  
MP 0.00 - MP 0.40

MAP NO. 11  
SR 1137 (BOROUGH SPUR RD.)  
MP 0.00 - MP 0.19

*EFF.01-16-2018  
REV.*

**2018 ROADWAY ENGLISH STANDARD DRAWINGS**

*The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C., Dated January, 2018 are applicable to this project and by reference hereby are considered a part of these plans:*

| STD.NO.                                                   | TITLE                                                  |
|-----------------------------------------------------------|--------------------------------------------------------|
| <b>DIVISION 12 - PVT MARKING, MARKERS AND DELINEATION</b> |                                                        |
| <b>1205.08</b>                                            | <b>Pavement Markings - Symbols &amp; Word Messages</b> |

REVISIONS

8/17/99

\$\$\$\$\$SYTIME\$\$\$\$\$  
\$\$\$\$\$DESIGN\$\$\$\$\$  
\$\$\$\$\$USERNAME\$\$\$\$\$

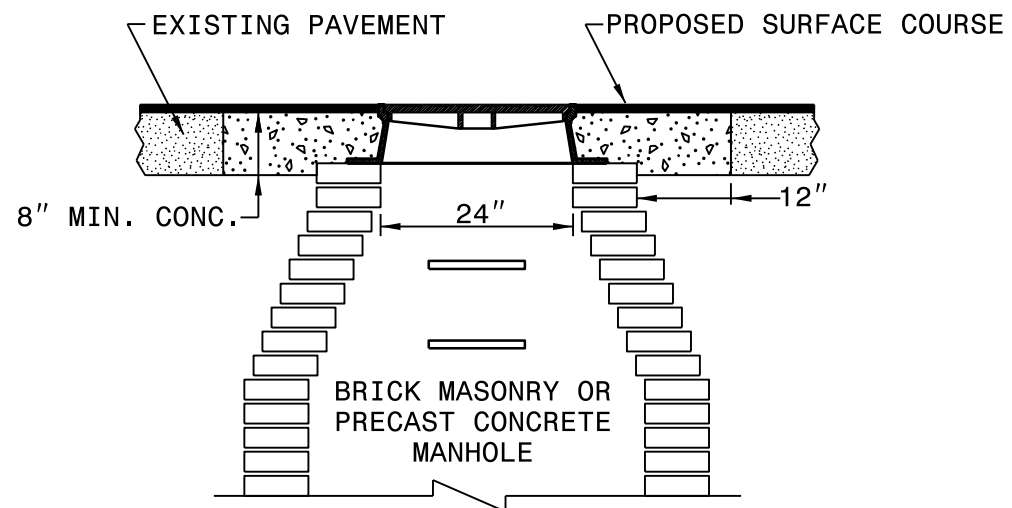
STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR  
**MANHOLE AND VALVE BOX ADJUSTMENTS**

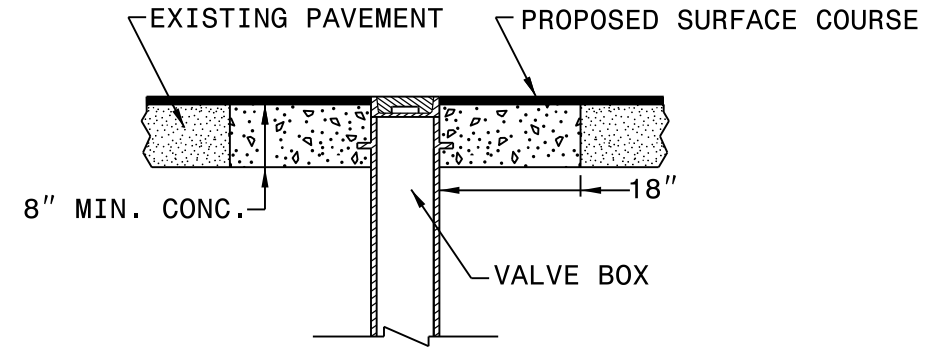
SHEET 1 OF 1  
**840D55**

GENERAL NOTES:

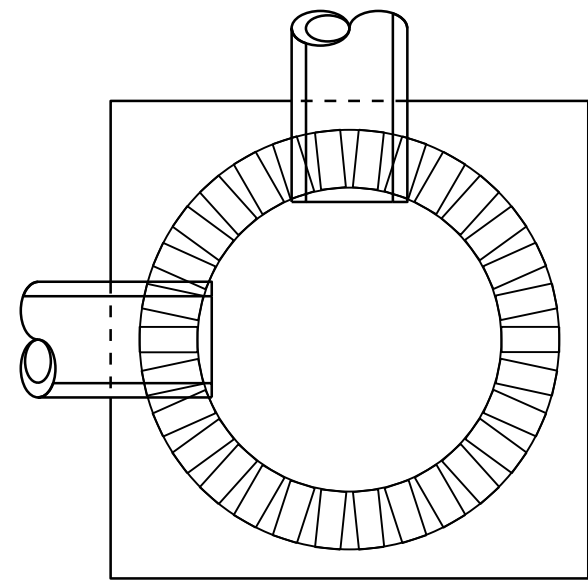
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL SIDES.
4. FILL AREA BELOW 8" DEPTH WITH 78M OR NO. 57 CLEAN STONE.
5. MIX MORTAR TO NCDOT SPECIFICATIONS.
6. MORTAR JOINTS  $\frac{1}{2}$ " +/-  $\frac{1}{8}$ "
7. CONSTRUCT AN ASPHALT RAMP IN ACCORDANCE WITH SECTION 858-3 OF THE 2018 STANDARD SPECIFICATIONS.



**MANHOLE CONCRETE ENCASEMENT**



**VALVE BOX CONCRETE ENCASEMENT**



**ELEVATION VIEW**

PLACE BRICK ACCORDING TO ELEVATION VIEW

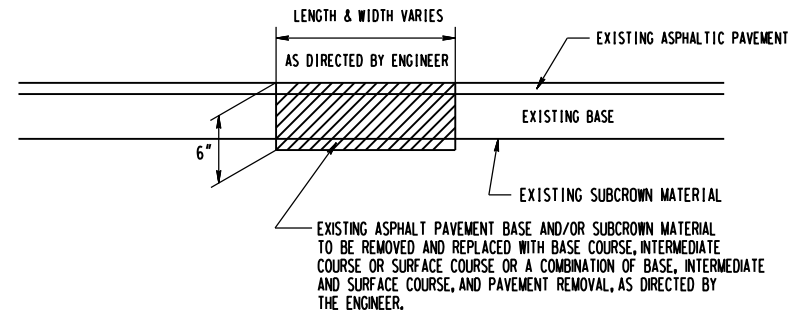
ENGLISH DETAIL DRAWING FOR  
**MANHOLE AND VALVE BOX ADJUSTMENTS**

SHEET 1 OF 1  
**840D55**

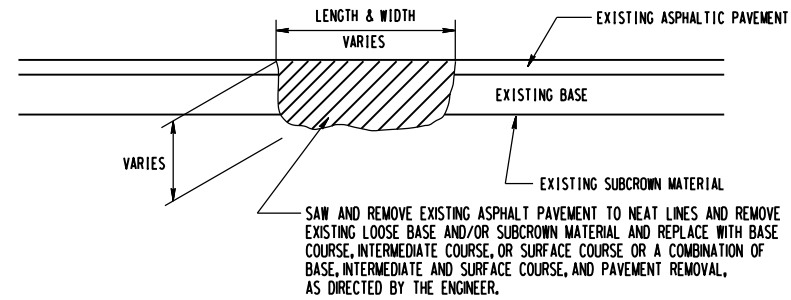
REVISIONS

28-NOV-2017 10:49  
S:\Division Resurfacing\z Design Standards & Specifications\Drawings\Tutorials\Curb, Etc.rxdgn  
8/17/99

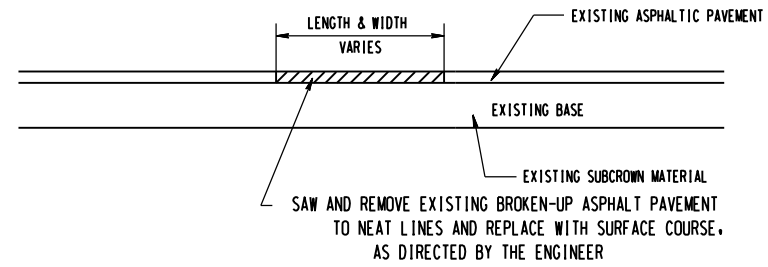
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



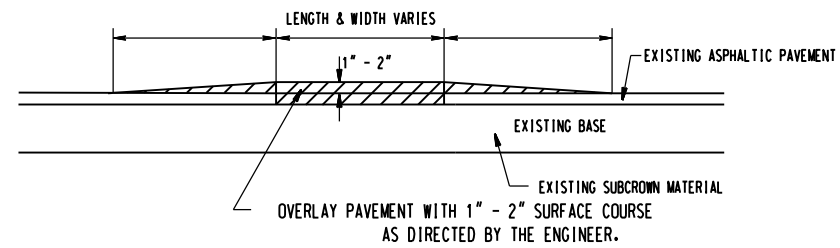
DETAIL NO. 1



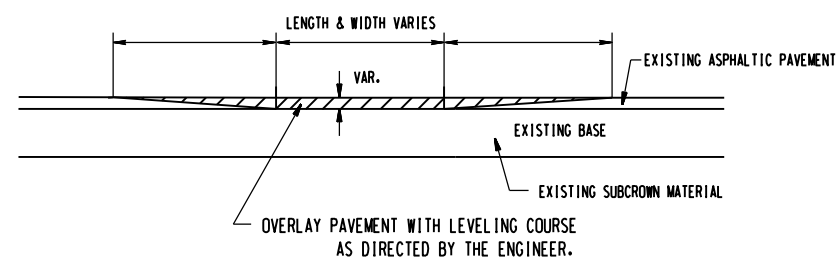
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4

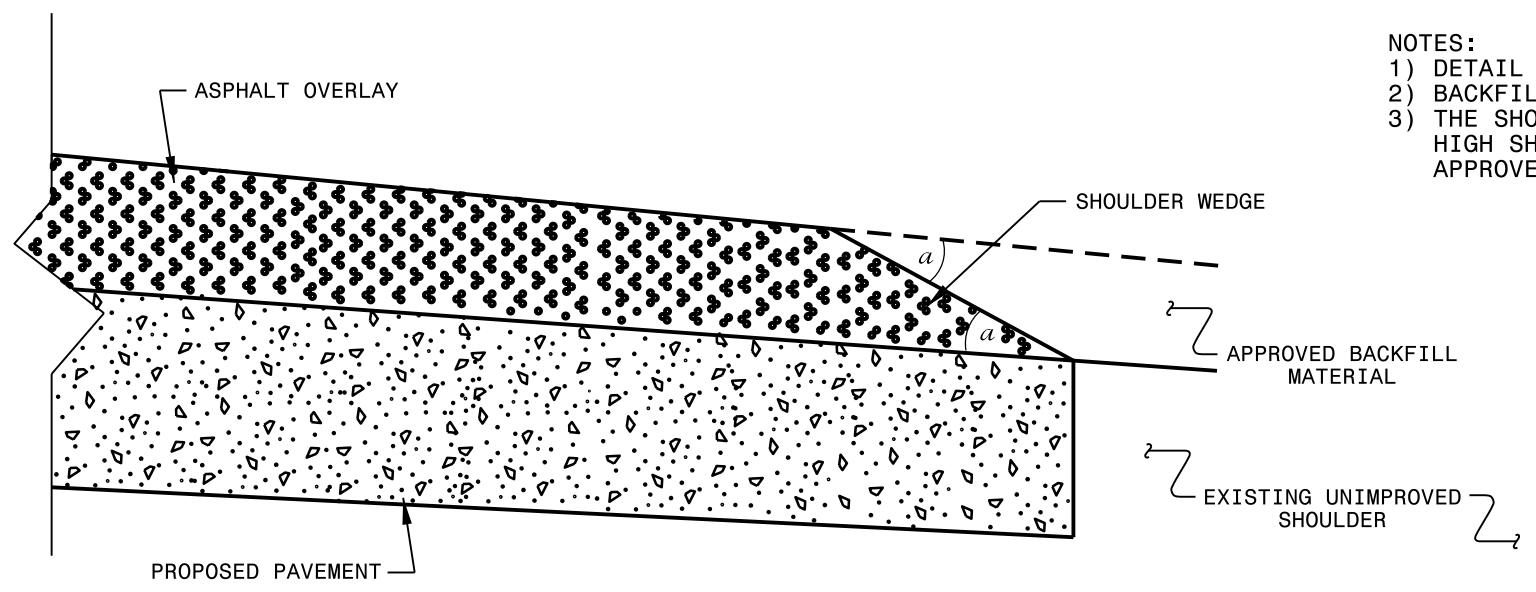


DETAIL NO. 5

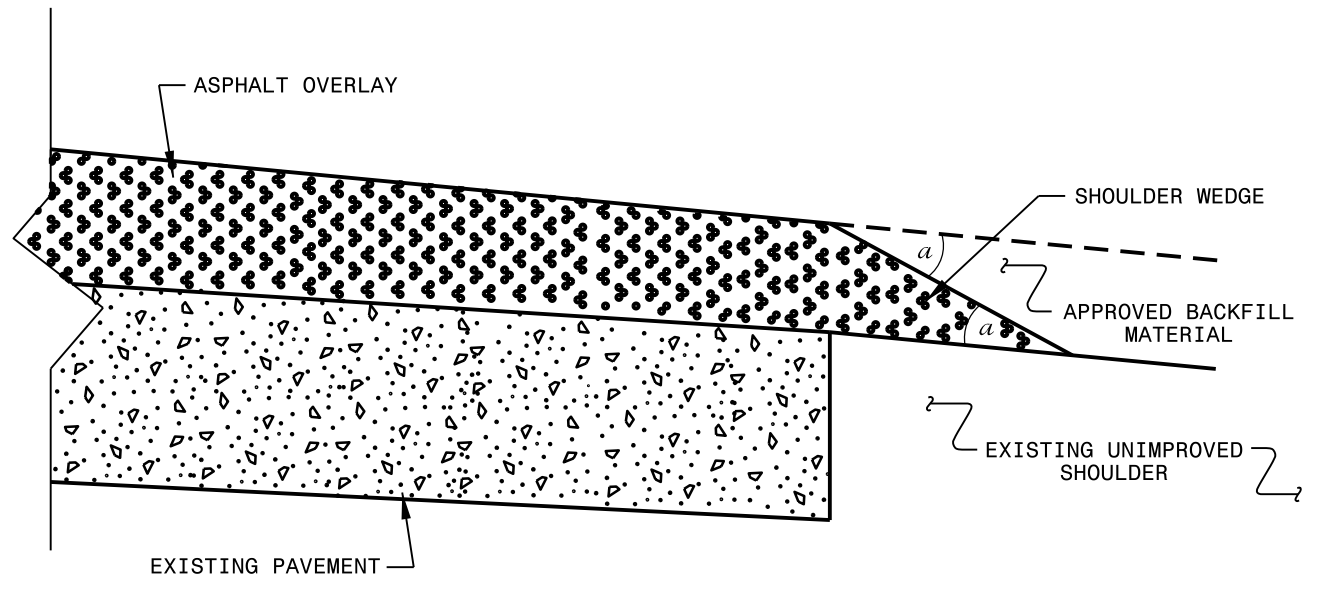
REVISIONS

20-APP-2015-1156  
 C:\Users\jmkim\OneDrive\Desktop\DETAIL\_PSHS\Microstation\_Files\3CR\20711173\_Patch.dgn  
 \$\$\$SUSFRNME\$\$\$

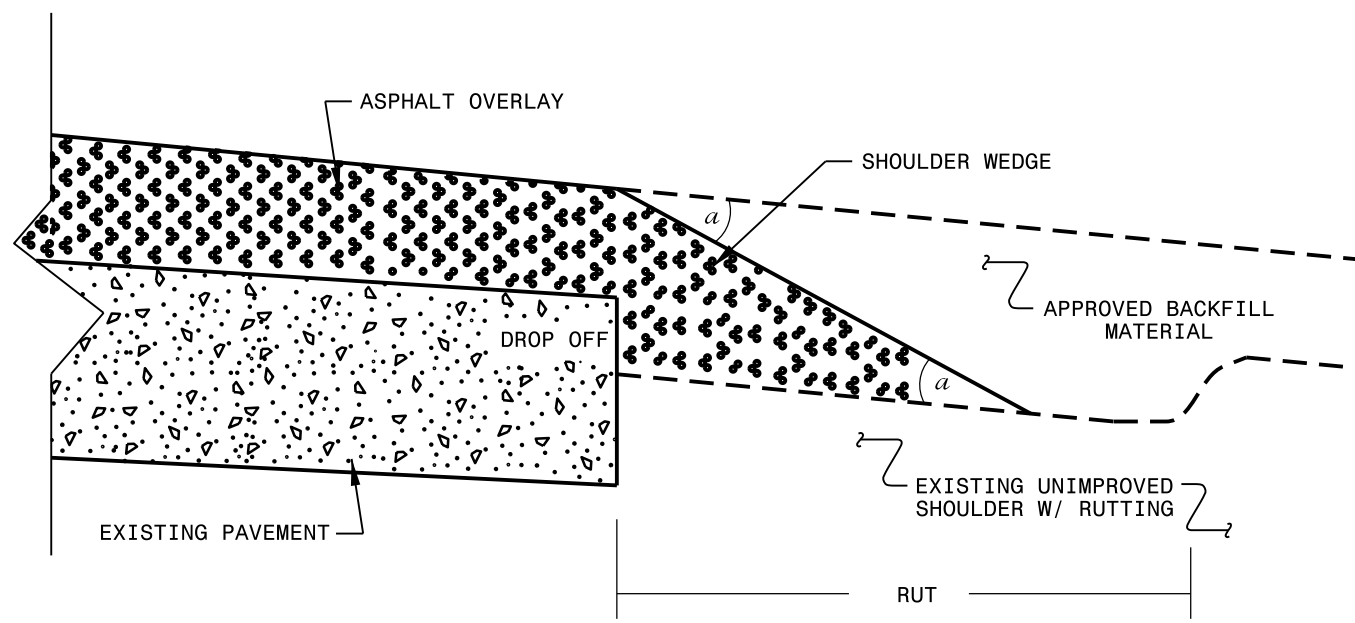
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ Widening or  
 with Existing Paved Shoulder having no dropoffs)



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ NO Widening)



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Adjacent to  
 Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

|                                                          |               |                  |  |
|----------------------------------------------------------|---------------|------------------|--|
| <b>CONTRACT STANDARDS<br/>AND DEVELOPMENT UNIT</b>       |               |                  |  |
| Office 919-707-6950                                      |               | FAX 919-250-4119 |  |
| <b>SHOULDER WEDGE<br/>DETAILS</b>                        |               |                  |  |
| ORIGINAL BY: T.SPELL                                     | DATE: 7-19-11 |                  |  |
| MODIFIED BY:                                             | DATE: 2/2/16  |                  |  |
| CHECKED BY:                                              | DATE:         |                  |  |
| FILE SPEC.: s:\usr\details\stand\shoulderwedgedetail.dgn |               |                  |  |

27 JUN 2018 13:22 s:\projects\Resurfacing Projects\Division 3\Sampson August 2018\Revised Shoulder Wedge Detail.dgn  
 P:\porter\A1\CSO\2015\2542

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

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## ***SOIL STABILIZATION TIMEFRAMES***

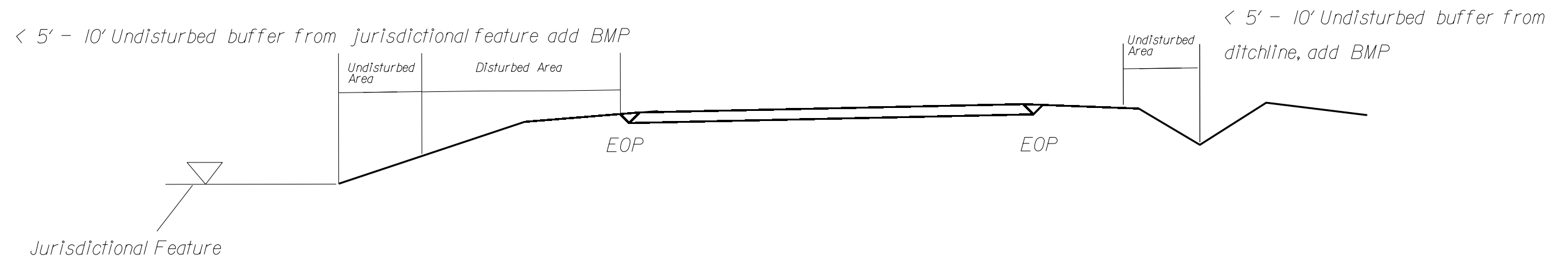
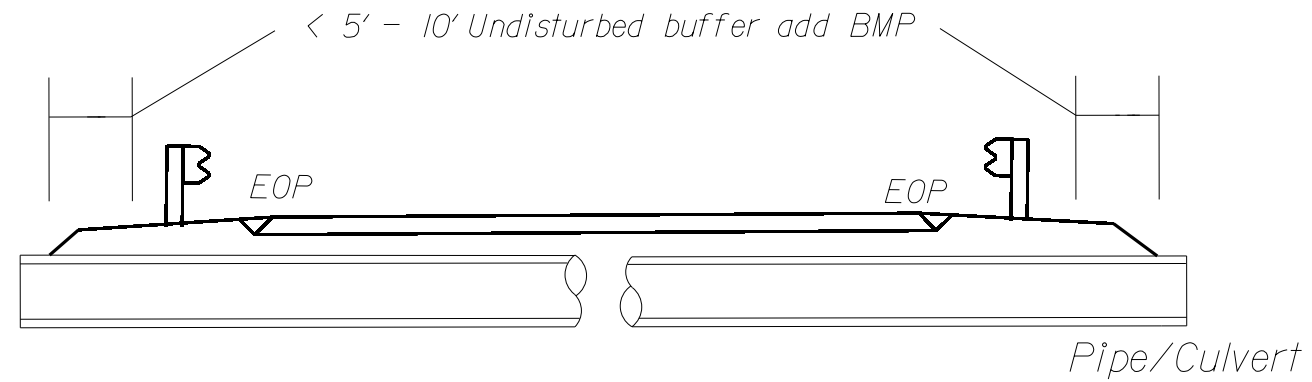
| <i>SITE DESCRIPTION</i>                      | <i>STABILIZATION TIME</i> | <i>TIMEFRAME EXCEPTIONS</i>                                                            |
|----------------------------------------------|---------------------------|----------------------------------------------------------------------------------------|
| PERIMETER DIKES, SWALES, DITCHES AND SLOPES  | 7 DAYS                    | NONE                                                                                   |
| HIGH QUALITY WATER (HQW) ZONES               | 7 DAYS                    | NONE                                                                                   |
| SLOPES STEEPER THAN 3:1                      | 7 DAYS                    | IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED. |
| SLOPES 3:1 OR FLATTER                        | 14 DAYS                   | 7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.                                          |
| ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1 | 14 DAYS                   | NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.                                             |



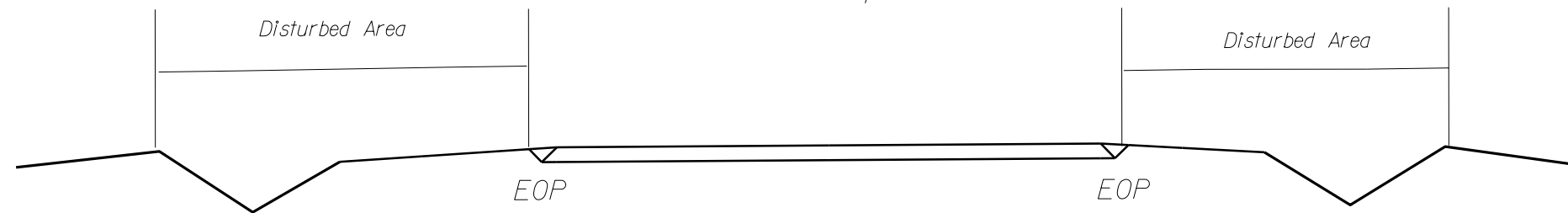
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

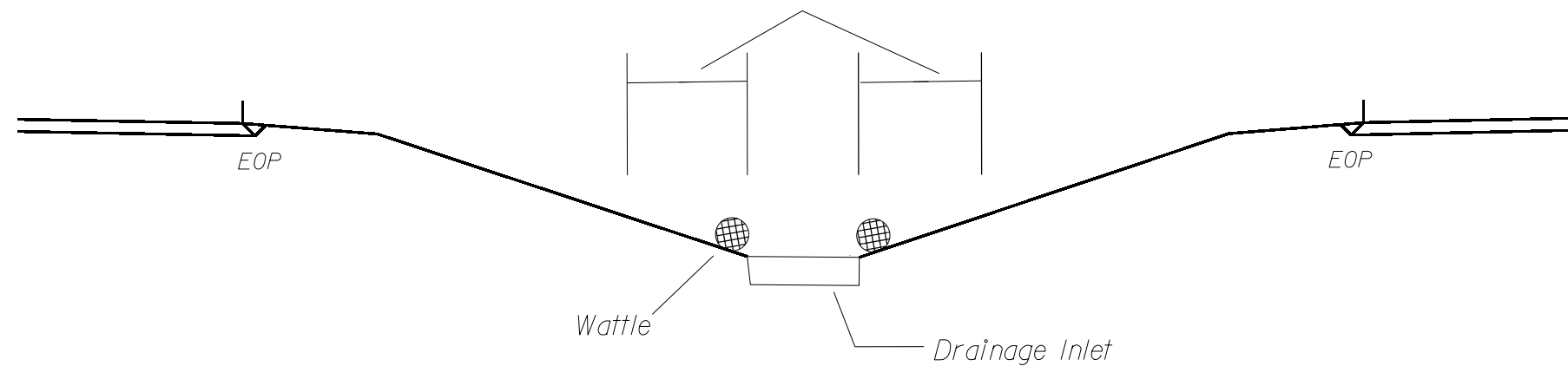
# EROSION CONTROL DETAIL



Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed

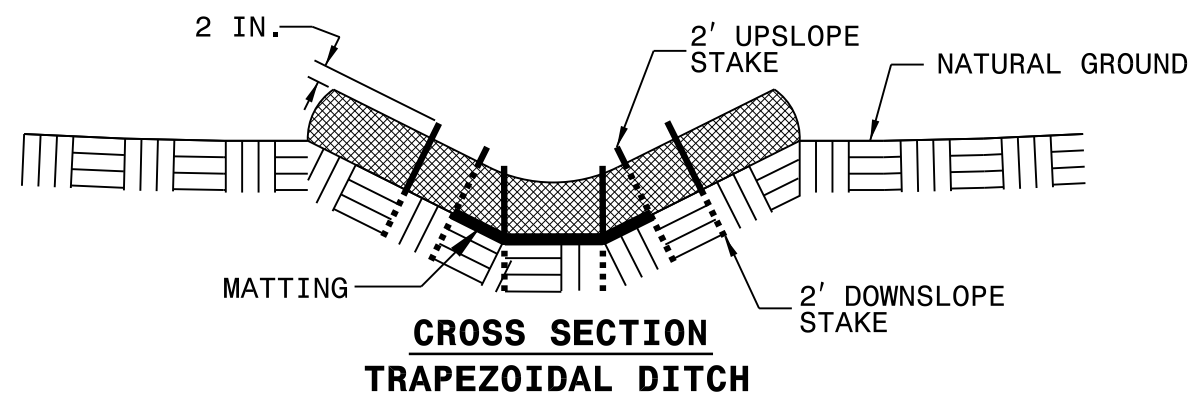
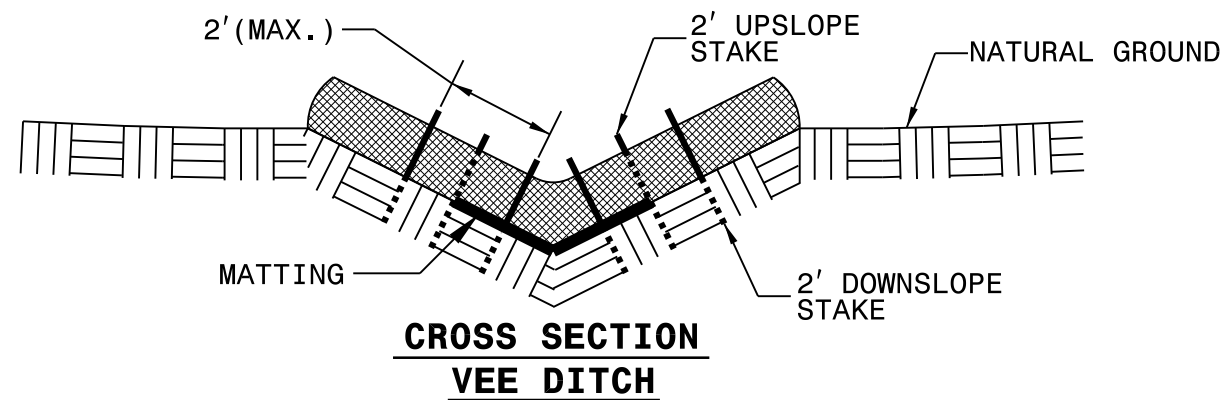
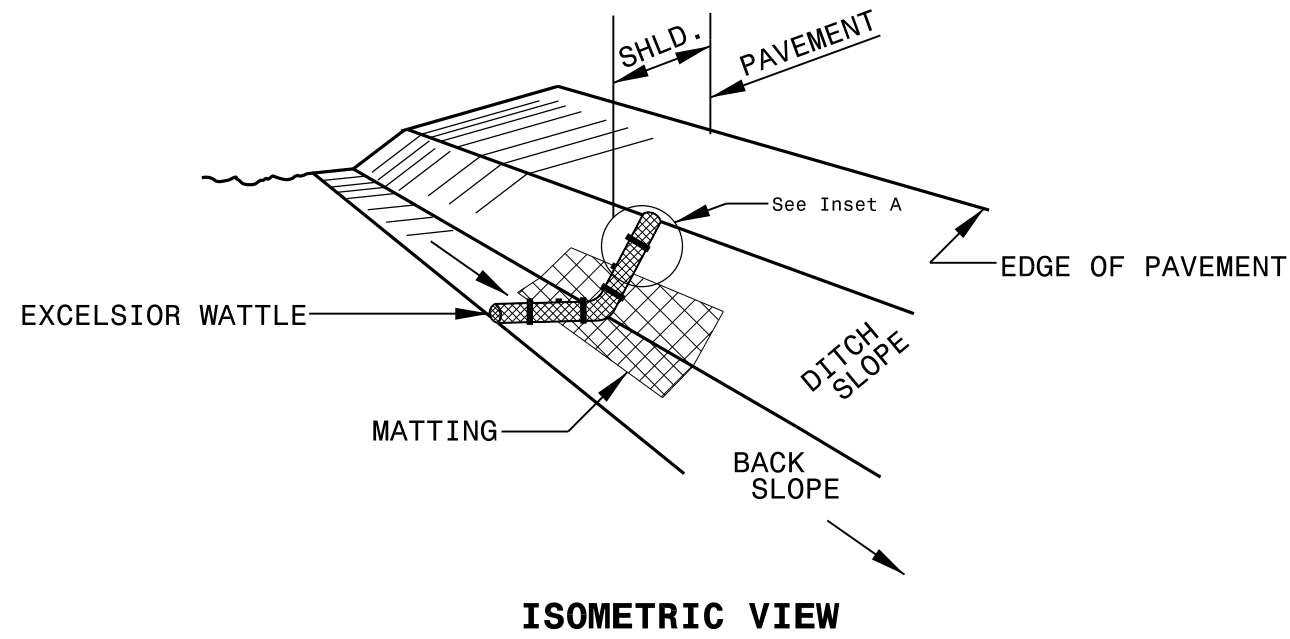


< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

# WATTLE DETAIL



**NOTES:**

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

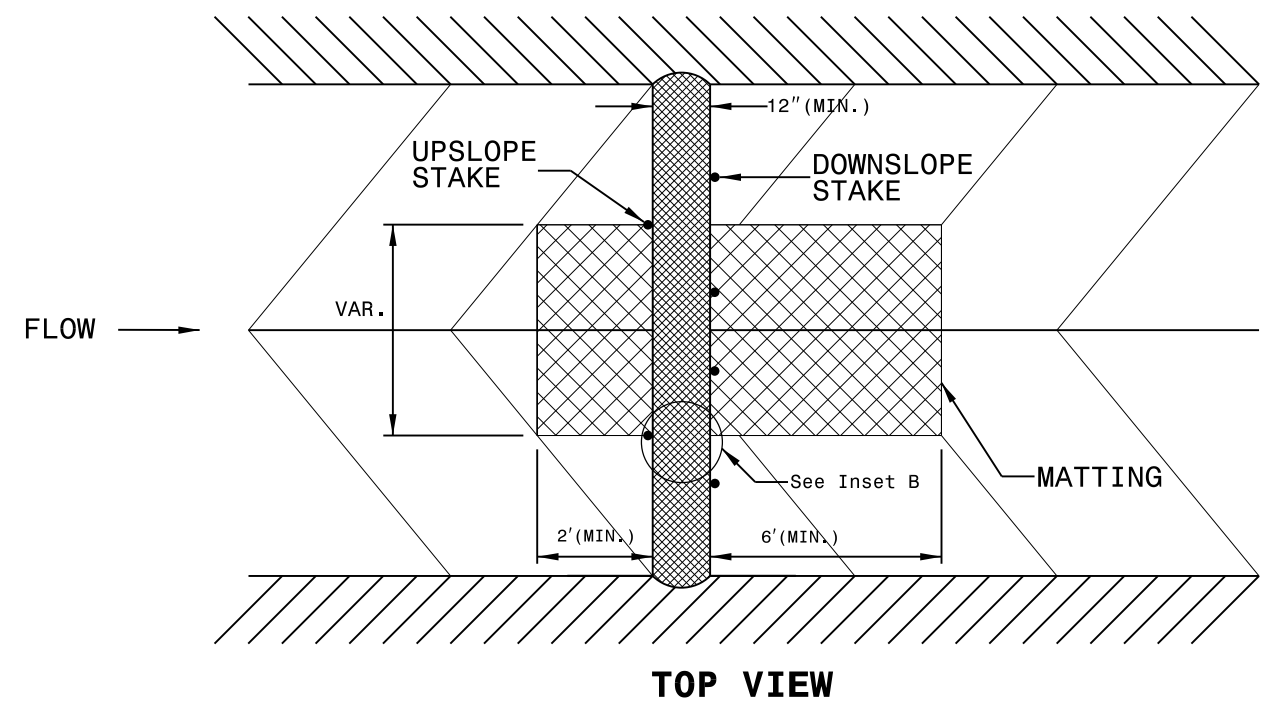
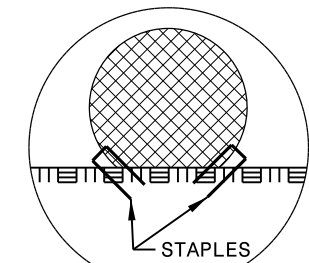
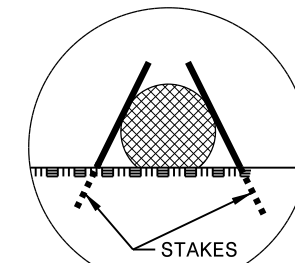
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



|                           |           |
|---------------------------|-----------|
| PROJECT NO.               | SHEET NO. |
| 2023CPT.03.09.10711, Etc. | 8         |

## 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        | 0106000000-E      | 1220000000-E          | 1245000000-E       | 1330000000-E       | 1503000000-E           | 1519000000-E          | 1526000000-E                        | 1575000000-E           | 1705500000-E                 | 1880000000-E                      | 2815000000-N                    |                          |           |          |
|-----------------------------------------------|--------|--------|------------------------------------|-----------------------------------------------------------------------------------|--------|-------|-----------|--------------------------------|---------------------------|--------|--------------|-------------------|-----------------------|--------------------|--------------------|------------------------|-----------------------|-------------------------------------|------------------------|------------------------------|-----------------------------------|---------------------------------|--------------------------|-----------|----------|
|                                               |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |              | BORROW EXCAVATION | INCIDENTAL STONE BASE | SHOULDER RECONSTR. | INCIDENTAL MILLING | WEDGING COURSE, I19.0C | SURFACE COURSE, S9.5B | SURFACE COURSE, S9.5B SHORT OVERLAY | SURFACE COURSE, S4.75A | ASPHALT BINDER FOR PLANT MIX | PATCHING EXISTING PAVEMENT (MILL) | LEVELING COURSE, S4.75A GENERIC | ADJUSTMENT OF DROP INLET |           |          |
|                                               |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | MI           | FT                | CY                    | TON                | SMI                | SY                     | TON                   | TON                                 | TON                    | TON                          | TON                               | EA                              |                          |           |          |
| 2023CPT.03.09.10711                           | Pender | 1      | NC 50 (S. SHORE/ S. TOPSAIL DRIVE) | FROM HISPANIOLA LN. (NON-SYSTEM) TO KINSTON AVE. (NON-SYSTEM) [MP 3.48 - MP 7.45] | 1      | 2     | 2WU       | NO                             | NO                        | 3.97   | 24           | 532               | 782                   | 6.96               | 320                | 5,223                  | 4,920                 |                                     | 589                    | 386                          |                                   | 5                               |                          |           |          |
| <b>TOTAL FOR MAP NO. 1</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>3.97</b>  |                   | <b>532</b>            | <b>782</b>         | <b>6.96</b>        | <b>320</b>             | <b>5,223</b>          | <b>4,920</b>                        |                        | <b>589</b>                   | <b>386</b>                        |                                 | <b>5</b>                 |           |          |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.10711</b> |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>3.97</b>  |                   | <b>532</b>            | <b>782</b>         | <b>6.96</b>        | <b>320</b>             | <b>5,223</b>          | <b>4,920</b>                        |                        | <b>589</b>                   | <b>386</b>                        |                                 | <b>5</b>                 |           |          |
|                                               |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |              |                   |                       |                    |                    |                        |                       | <b>4,920</b>                        |                        |                              |                                   |                                 |                          |           |          |
| 2023CPT.03.09.10712                           | Pender | 2      | NC 53 (BURGAW HIGHWAY)             | FROM ONSLOW CO. LINE TO .11 MI. EAST OF US 117 HWY. [MP 0.00 - MP 17.70]          |        | 2     | 2WU       | NO                             | NO                        | 17.7   | 26           |                   |                       |                    |                    |                        |                       | 650                                 |                        | 42                           |                                   |                                 |                          |           |          |
| <b>TOTAL FOR MAP NO. 2</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>17.7</b>  |                   |                       |                    |                    |                        |                       |                                     | <b>650</b>             |                              | <b>42</b>                         |                                 |                          |           |          |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.10712</b> |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>17.7</b>  |                   |                       |                    |                    |                        |                       |                                     | <b>650</b>             |                              | <b>42</b>                         |                                 |                          |           |          |
|                                               |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |              |                   |                       |                    |                    |                        |                       | <b>650</b>                          |                        |                              |                                   |                                 |                          |           |          |
| 2023CPT.03.09.20711                           | Pender | 3      | SR 1512 (WHITESTOCKING ROAD)       | FROM SR 1513 (PEARLIE WATKINS RD.) TO END OF MAINTENANCE [MP 1.70 - MP 3.56]      | 2      | 2     | 2WU       | NO                             | NO                        | 1.86   | 20           | 260               | 150                   | 3.40               | 190                |                        | 1,902                 |                                     | 131                    | 150                          |                                   |                                 |                          |           |          |
| <b>TOTAL FOR MAP NO. 3</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>1.86</b>  |                   | <b>260</b>            | <b>150</b>         | <b>3.40</b>        | <b>190</b>             |                       | <b>1,902</b>                        |                        | <b>131</b>                   | <b>150</b>                        |                                 |                          |           |          |
| 2023CPT.03.09.20711                           | Pender | 4      | SR 1449 (QUAIL RUN DRIVE)          | FROM NC 133 HWY. TO END OF MAINTENANCE [MP 0.00 - MP 0.27]                        | 2      | 2     | 2WU       | NO                             | NO                        | 0.27   | 20           | 50                | 60                    | 0.54               | 125                |                        | 276                   |                                     | 19                     | 30                           |                                   |                                 |                          |           |          |
| <b>TOTAL FOR MAP NO. 4</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>0.27</b>  |                   | <b>50</b>             | <b>60</b>          | <b>0.54</b>        | <b>125</b>             |                       | <b>276</b>                          |                        | <b>19</b>                    | <b>30</b>                         |                                 |                          |           |          |
| 2023CPT.03.09.20711                           | Pender | 5      | SR 1575 (KINGS LANDING ROAD)       | FROM SR 1567 (KINGS LANDING RD.) TO SR 1653 (OLDE POINT RD.) [MP 0.00 - MP 0.94]  | 2      | 2     | 2WU       | NO                             | NO                        | 0.94   | 20           | 144               | 60                    | 1.88               | 235                |                        | 961                   |                                     | 62                     |                              |                                   |                                 |                          |           |          |
| <b>TOTAL FOR MAP NO. 5</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>0.94</b>  |                   | <b>144</b>            | <b>60</b>          | <b>1.88</b>        | <b>235</b>             |                       | <b>961</b>                          |                        | <b>62</b>                    |                                   |                                 |                          |           |          |
| 2023CPT.03.09.20711                           | Pender | 6      | SR 1567 (KINGS LANDING ROAD)       | SR 1565 (COUNTRY CLUB DR.) TO SR 1575 (KINGS LANDING RD.) [MP 0.00 - MP 1.13]     | 2      | 2     | 2WU       | NO                             | NO                        | 1.13   | 20           | 173               | 60                    | 2.26               | 438                |                        | 1,156                 |                                     | 75                     |                              |                                   |                                 |                          |           |          |
| <b>TOTAL FOR MAP NO. 6</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>1.13</b>  |                   | <b>173</b>            | <b>60</b>          | <b>2.26</b>        | <b>438</b>             |                       | <b>1,156</b>                        |                        | <b>75</b>                    |                                   |                                 |                          |           |          |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.20711</b> |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>4.2</b>   |                   | <b>627</b>            | <b>330</b>         | <b>8.08</b>        | <b>988</b>             |                       | <b>4,295</b>                        |                        | <b>287</b>                   | <b>180</b>                        |                                 |                          |           |          |
|                                               |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |              |                   |                       |                    |                    |                        |                       | <b>4,295</b>                        |                        |                              |                                   |                                 |                          |           |          |
| 2023CPT.03.09.20712                           | Pender | 7      | SR 1675 (LONG LEAF DRIVE)          | FROM US 17 TO SR 1565 (COUNTRY CLUB DR.) [MP 0.00 - MP 0.85]                      | 3      | 2     | 2WU       | NO                             | NO                        | 0.85   | 24           |                   |                       |                    |                    |                        |                       | 534                                 | 39                     | 25                           |                                   |                                 |                          |           |          |
| <b>TOTAL FOR MAP NO. 7</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>0.85</b>  |                   |                       |                    |                    |                        |                       |                                     | <b>534</b>             | <b>39</b>                    | <b>25</b>                         |                                 |                          |           |          |
| 2023CPT.03.09.20712                           | Pender | 8      | SR 1452 (FOREST LANE)              | FROM NC 133 TO SR 1461 (WILLOWS BAY DR.) [MP 0.00 - MP 0.66]                      | 3      | 2     | 2WU       | NO                             | NO                        | 0.66   | 21           |                   |                       |                    |                    |                        |                       | 363                                 | 26                     | 10                           | 20                                |                                 |                          |           |          |
| <b>TOTAL FOR MAP NO. 8</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>0.66</b>  |                   |                       |                    |                    |                        |                       |                                     | <b>363</b>             | <b>26</b>                    | <b>10</b>                         | <b>20</b>                       |                          |           |          |
| 2023CPT.03.09.20712                           | Pender | 9      | SR 1461 (WILLOWS BAY DRIVE)        | FROM SR 1452 (FOREST LN.) TO SR 1493 (TURKEY CREEK RD.) [MP 0.00 - MP 0.40]       | 3      | 2     | 2WU       | NO                             | NO                        | 0.4    | 21           |                   |                       |                    |                    |                        |                       | 220                                 | 16                     | 5                            | 5                                 |                                 |                          |           |          |
| <b>TOTAL FOR MAP NO. 9</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>0.4</b>   |                   |                       |                    |                    |                        |                       |                                     | <b>220</b>             | <b>16</b>                    | <b>5</b>                          | <b>5</b>                        |                          |           |          |
| 2023CPT.03.09.20712                           | Pender | 10     | SR 1435 (OAK HILLS DRIVE)          | FROM NC 133 HWY. TO US 117 HWY. [MP 0.00 - MP 0.40]                               | 3      | 2     | 2WU       | NO                             | NO                        | 0.4    | 20           |                   |                       |                    |                    |                        |                       | 209                                 | 15                     | 10                           |                                   |                                 |                          |           |          |
| <b>TOTAL FOR MAP NO. 10</b>                   |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>0.4</b>   |                   |                       |                    |                    |                        |                       |                                     | <b>209</b>             | <b>15</b>                    | <b>10</b>                         |                                 |                          |           |          |
| 2023CPT.03.09.20712                           | Pender | 11     | SR 1137 (BOROUGH SPUR ROAD)        | FROM SR 1115 (BOROUGH RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.19]              | 3      | 2     | 2WU       | NO                             | NO                        | 0.19   | 18           |                   |                       |                    |                    |                        |                       | 100                                 | 7                      | 10                           |                                   |                                 |                          |           |          |
| <b>TOTAL FOR MAP NO. 11</b>                   |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>0.19</b>  |                   |                       |                    |                    |                        |                       |                                     | <b>100</b>             | <b>7</b>                     | <b>10</b>                         |                                 |                          |           |          |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.20712</b> |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>2.5</b>   |                   |                       |                    |                    |                        |                       |                                     | <b>1,426</b>           | <b>103</b>                   | <b>60</b>                         | <b>25</b>                       |                          |           |          |
| <b>GRAND TOTAL</b>                            |        |        |                                    |                                                                                   |        |       |           |                                |                           |        | <b>28.37</b> |                   | <b>1,159</b>          | <b>1,112</b>       | <b>15.04</b>       | <b>1,308</b>           |                       | <b>5,223</b>                        | <b>9,215</b>           | <b>650</b>                   | <b>1,426</b>                      | <b>1,021</b>                    | <b>626</b>               | <b>25</b> | <b>5</b> |
|                                               |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |              |                   |                       |                    |                    |                        |                       | <b>9,865</b>                        |                        |                              |                                   |                                 |                          |           |          |

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|---------------------------|-----------|
| PROJECT NO.               | SHEET NO. |
| 2023CPT.03.09.10711, Etc. | 9         |

## SUMMARY OF QUANTITIES

| PROJECT NO                                    | COUNTY | MAP NO | ROUTE                              | DESCRIPTION                                                                       | TYP NO | LANES | LANE TYPE | FINAL SURFACE TESTING REQUIRED | WARM MIX ASPHALT REQUIRED | 2830000000-N           |                                  | 2845000000-N         |                      | 6000000000-E           |                    | 6009000000-E               |                                  | 6012000000-E                |                     | 6015000000-E |            | 6018000000-E |  | 6021000000-E |  | 6036000000-E |  | 6042000000-E |  | 6071010000-E |  |
|-----------------------------------------------|--------|--------|------------------------------------|-----------------------------------------------------------------------------------|--------|-------|-----------|--------------------------------|---------------------------|------------------------|----------------------------------|----------------------|----------------------|------------------------|--------------------|----------------------------|----------------------------------|-----------------------------|---------------------|--------------|------------|--------------|--|--------------|--|--------------|--|--------------|--|--------------|--|
|                                               |        |        |                                    |                                                                                   |        |       |           |                                |                           | ADJUSTMENT OF MANHOLES | ADJUSTMENT OF METER OR VALVE BOX | TEMPORARY SILT FENCE | STONE FOR EC CLASS B | SEDIMENT CONTROL STONE | TEMPORARY MULCHING | SEED FOR TEMPORARY SEEDING | FERTILIZER FOR TEMPORARY SEEDING | MATTING FOR EROSION CONTROL | 1/4" HARDWARE CLOTH | WATTLE       |            |              |  |              |  |              |  |              |  |              |  |
|                                               |        |        |                                    |                                                                                   |        |       |           |                                |                           | MI                     | FT                               | EA                   | EA                   | LF                     | TON                | TON                        | ACR                              | LBS                         | TON                 | SY           | LF         | LF           |  |              |  |              |  |              |  |              |  |
| 2023CPT.03.09.10711                           | Pender | 1      | NC 50 (S. SHORE/ S. TOPSAIL DRIVE) | FROM HISPANIOLA LN. (NON-SYSTEM) TO KINSTON AVE. (NON-SYSTEM) [MP 3.48 - MP 7.45] | 1      | 2     | 2WU       | NO                             | NO                        | 3.97                   | 24                               | 2                    | 3                    | 348                    | 87                 | 87                         | 3.48                             | 174                         | 0.87                | 30           | 174        | 60           |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR MAP NO. 1</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>3.97</b>            |                                  | <b>2</b>             | <b>3</b>             | <b>348</b>             | <b>87</b>          | <b>87</b>                  | <b>3.48</b>                      | <b>174</b>                  | <b>0.87</b>         | <b>30</b>    | <b>174</b> | <b>60</b>    |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.10711</b> |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>3.97</b>            |                                  | <b>2</b>             | <b>3</b>             | <b>348</b>             | <b>87</b>          | <b>87</b>                  | <b>3.48</b>                      | <b>174</b>                  | <b>0.87</b>         | <b>30</b>    | <b>174</b> | <b>60</b>    |  |              |  |              |  |              |  |              |  |
| 2023CPT.03.09.10712                           | Pender | 2      | NC 53 (BURGAW HIGHWAY)             | FROM ONSLOW CO. LINE TO .11 MI. EAST OF US 117 HWY. [MP 0.00 - MP 17.70]          |        | 2     | 2WU       | NO                             | NO                        | 17.7                   | 26                               |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR MAP NO. 2</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>17.7</b>            |                                  |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.10712</b> |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>17.7</b>            |                                  |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| 2023CPT.03.09.20711                           | Pender | 3      | SR 1512 (WHITESTOCKING ROAD)       | FROM SR 1513 (PEARLIE WATKINS RD.) TO END OF MAINTENANCE [MP 1.70 - MP 3.56]      | 2      | 2     | 2WU       | NO                             | NO                        | 1.86                   | 20                               |                      |                      | 170                    | 43                 | 43                         | 1.70                             | 85                          | 0.43                | 20           | 85         | 30           |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR MAP NO. 3</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>1.86</b>            |                                  |                      |                      | <b>170</b>             | <b>43</b>          | <b>43</b>                  | <b>1.70</b>                      | <b>85</b>                   | <b>0.43</b>         | <b>20</b>    | <b>85</b>  | <b>30</b>    |  |              |  |              |  |              |  |              |  |
| 2023CPT.03.09.20711                           | Pender | 4      | SR 1449 (QUAIL RUN DRIVE)          | FROM NC 133 HWY. TO END OF MAINTENANCE [MP 0.00 - MP 0.27]                        | 2      | 2     | 2WU       | NO                             | NO                        | 0.27                   | 20                               |                      |                      | 27                     | 10                 | 10                         | 0.27                             | 14                          | 0.07                | 20           | 20         | 10           |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR MAP NO. 4</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>0.27</b>            |                                  |                      |                      | <b>27</b>              | <b>10</b>          | <b>10</b>                  | <b>0.27</b>                      | <b>14</b>                   | <b>0.07</b>         | <b>20</b>    | <b>20</b>  | <b>10</b>    |  |              |  |              |  |              |  |              |  |
| 2023CPT.03.09.20711                           | Pender | 5      | SR 1575 (KINGS LANDING ROAD)       | FROM SR 1567 (KINGS LANDING RD.) TO SR 1653 (OLDE POINT RD.) [MP 0.00 - MP 0.94]  | 2      | 2     | 2WU       | NO                             | NO                        | 0.94                   | 20                               |                      |                      | 94                     | 24                 | 24                         | 0.94                             | 47                          | 0.24                | 10           | 47         | 20           |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR MAP NO. 5</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>0.94</b>            |                                  |                      |                      | <b>94</b>              | <b>24</b>          | <b>24</b>                  | <b>0.94</b>                      | <b>47</b>                   | <b>0.24</b>         | <b>10</b>    | <b>47</b>  | <b>20</b>    |  |              |  |              |  |              |  |              |  |
| 2023CPT.03.09.20711                           | Pender | 6      | SR 1567 (KINGS LANDING ROAD)       | SR 1565 (COUNTRY CLUB DR.) TO SR 1575 (KINGS LANDING RD.) [MP 0.00 - MP 1.13]     | 2      | 2     | 2WU       | NO                             | NO                        | 1.13                   | 20                               |                      |                      | 113                    | 28                 | 28                         | 1.13                             | 57                          | 57.00               | 10           | 57         | 20           |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR MAP NO. 6</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>1.13</b>            |                                  |                      |                      | <b>113</b>             | <b>28</b>          | <b>28</b>                  | <b>1.13</b>                      | <b>57</b>                   | <b>57.00</b>        | <b>10</b>    | <b>57</b>  | <b>20</b>    |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.20711</b> |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>4.2</b>             |                                  |                      |                      | <b>404</b>             | <b>105</b>         | <b>105</b>                 | <b>4.04</b>                      | <b>203</b>                  | <b>57.74</b>        | <b>60</b>    | <b>209</b> | <b>80</b>    |  |              |  |              |  |              |  |              |  |
| 2023CPT.03.09.20712                           | Pender | 7      | SR 1675 (LONG LEAF DRIVE)          | FROM US 17 TO SR 1565 (COUNTRY CLUB DR.) [MP 0.00 - MP 0.85]                      | 3      | 2     | 2WU       | NO                             | NO                        | 0.85                   | 24                               |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR MAP NO. 7</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>0.85</b>            |                                  |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| 2023CPT.03.09.20712                           | Pender | 8      | SR 1452 (FOREST LANE)              | FROM NC 133 TO SR 1461 (WILLOWS BAY DR.) [MP 0.00 - MP 0.66]                      | 3      | 2     | 2WU       | NO                             | NO                        | 0.66                   | 21                               |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR MAP NO. 8</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>0.66</b>            |                                  |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| 2023CPT.03.09.20712                           | Pender | 9      | SR 1461 (WILLOWS BAY DRIVE)        | FROM SR 1452 (FOREST LN.) TO SR 1493 (TURKEY CREEK RD.) [MP 0.00 - MP 0.40]       | 3      | 2     | 2WU       | NO                             | NO                        | 0.4                    | 21                               |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR MAP NO. 9</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>0.4</b>             |                                  |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| 2023CPT.03.09.20712                           | Pender | 10     | SR 1435 (OAK HILLS DRIVE)          | FROM NC 133 HWY. TO US 117 HWY. [MP 0.00 - MP 0.40]                               | 3      | 2     | 2WU       | NO                             | NO                        | 0.4                    | 20                               |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR MAP NO. 10</b>                   |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>0.4</b>             |                                  |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| 2023CPT.03.09.20712                           | Pender | 11     | SR 1137 (BOROUGH SPUR ROAD)        | FROM SR 1115 (BOROUGH RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.19]              | 3      | 2     | 2WU       | NO                             | NO                        | 0.19                   | 18                               |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR MAP NO. 11</b>                   |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>0.19</b>            |                                  |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.20712</b> |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>2.5</b>             |                                  |                      |                      |                        |                    |                            |                                  |                             |                     |              |            |              |  |              |  |              |  |              |  |              |  |
| <b>GRAND TOTAL</b>                            |        |        |                                    |                                                                                   |        |       |           |                                |                           | <b>28.37</b>           |                                  | <b>2</b>             | <b>3</b>             | <b>752</b>             | <b>192</b>         | <b>192</b>                 | <b>7.52</b>                      | <b>377</b>                  | <b>58.61</b>        | <b>90</b>    | <b>383</b> | <b>140</b>   |  |              |  |              |  |              |  |              |  |

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|---------------------------|-----------|
| PROJECT NO.               | SHEET NO. |
| 2023CPT.03.09.10711, Etc. | 10        |

## 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 | 6084000000-E    | 6090000000-E            | 6093000000-E                  | 6117000000-N                 |             |           |
|-----------------------------------------------|--------|--------|------------------------------------|-----------------------------------------------------------------------------------|--------|-------|-----------|--------------------------------|---------------------------|--------|-------|-----------------|-------------------------|-------------------------------|------------------------------|-------------|-----------|
|                                               |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | SEED & MULCHING | SEED FOR REPAIR SEEDING | FERTILIZER FOR REPAIR SEEDING | RESPONSE FOR EROSION CONTROL |             |           |
|                                               |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | MI              | FT                      | AC                            | LB                           | TON         | EA        |
| 2023CPT.03.09.10711                           | Pender | 1      | NC 50 (S. SHORE/ S. TOPSAIL DRIVE) | FROM HISPANIOLA LN. (NON-SYSTEM) TO KINSTON AVE. (NON-SYSTEM) [MP 3.48 - MP 7.45] | 1      | 2     | 2WU       | NO                             | NO                        | 3.97   | 24    | 3.37            | 174                     | 0.87                          | 8                            |             |           |
| <b>TOTAL FOR MAP NO. 1</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>3.97</b>     |                         | <b>3.37</b>                   | <b>174</b>                   | <b>0.87</b> | <b>8</b>  |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.10711</b> |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>3.97</b>     |                         | <b>3.37</b>                   | <b>174</b>                   | <b>0.87</b> | <b>8</b>  |
| 2023CPT.03.09.10712                           | Pender | 2      | NC 53 (BURGAW HIGHWAY)             | FROM ONSLOW CO. LINE TO .11 MI. EAST OF US 117 HWY. [MP 0.00 - MP 17.70]          |        | 2     | 2WU       | NO                             | NO                        | 17.7   | 26    |                 |                         |                               |                              |             |           |
| <b>TOTAL FOR MAP NO. 2</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>17.7</b>     |                         |                               |                              |             |           |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.10712</b> |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>17.7</b>     |                         |                               |                              |             |           |
| 2023CPT.03.09.20711                           | Pender | 3      | SR 1512 (WHITESTOCKING ROAD)       | FROM SR 1513 (PEARLIE WATKINS RD.) TO END OF MAINTENANCE [MP 1.70 - MP 3.56]      | 2      | 2     | 2WU       | NO                             | NO                        | 1.86   | 20    | 1.65            | 85                      | 0.43                          | 4                            |             |           |
| <b>TOTAL FOR MAP NO. 3</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>1.86</b>     |                         | <b>1.65</b>                   | <b>85</b>                    | <b>0.43</b> | <b>4</b>  |
| 2023CPT.03.09.20711                           | Pender | 4      | SR 1449 (QUAIL RUN DRIVE)          | FROM NC 133 HWY. TO END OF MAINTENANCE [MP 0.00 - MP 0.27]                        | 2      | 2     | 2WU       | NO                             | NO                        | 0.27   | 20    | 0.26            | 14                      | 0.07                          | 2                            |             |           |
| <b>TOTAL FOR MAP NO. 4</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>0.27</b>     |                         | <b>0.26</b>                   | <b>14</b>                    | <b>0.07</b> | <b>2</b>  |
| 2023CPT.03.09.20711                           | Pender | 5      | SR 1575 (KINGS LANDING ROAD)       | FROM SR 1567 (KINGS LANDING RD.) TO SR 1653 (OLDE POINT RD.) [MP 0.00 - MP 0.94]  | 2      | 2     | 2WU       | NO                             | NO                        | 0.94   | 20    | 0.91            | 47                      | 0.24                          | 2                            |             |           |
| <b>TOTAL FOR MAP NO. 5</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>0.94</b>     |                         | <b>0.91</b>                   | <b>47</b>                    | <b>0.24</b> | <b>2</b>  |
| 2023CPT.03.09.20711                           | Pender | 6      | SR 1567 (KINGS LANDING ROAD)       | SR 1565 (COUNTRY CLUB DR.) TO SR 1575 (KINGS LANDING RD.) [MP 0.00 - MP 1.13]     | 2      | 2     | 2WU       | NO                             | NO                        | 1.13   | 20    | 1.10            | 57                      | 0.28                          | 2                            |             |           |
| <b>TOTAL FOR MAP NO. 6</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>1.13</b>     |                         | <b>1.10</b>                   | <b>57</b>                    | <b>0.28</b> | <b>2</b>  |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.20711</b> |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>4.2</b>      |                         | <b>3.92</b>                   | <b>203</b>                   | <b>1.02</b> | <b>10</b> |
| 2023CPT.03.09.20712                           | Pender | 7      | SR 1675 (LONG LEAF DRIVE)          | FROM US 17 TO SR 1565 (COUNTRY CLUB DR.) [MP 0.00 - MP 0.85]                      | 3      | 2     | 2WU       | NO                             | NO                        | 0.85   | 24    |                 |                         |                               |                              |             |           |
| <b>TOTAL FOR MAP NO. 7</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>0.85</b>     |                         |                               |                              |             |           |
| 2023CPT.03.09.20712                           | Pender | 8      | SR 1452 (FOREST LANE)              | FROM NC 133 TO SR 1461 (WILLOWS BAY DR.) [MP 0.00 - MP 0.66]                      | 3      | 2     | 2WU       | NO                             | NO                        | 0.66   | 21    |                 |                         |                               |                              |             |           |
| <b>TOTAL FOR MAP NO. 8</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>0.66</b>     |                         |                               |                              |             |           |
| 2023CPT.03.09.20712                           | Pender | 9      | SR 1461 (WILLOWS BAY DRIVE)        | FROM SR 1452 (FOREST LN.) TO SR 1493 (TURKEY CREEK RD.) [MP 0.00 - MP 0.40]       | 3      | 2     | 2WU       | NO                             | NO                        | 0.4    | 21    |                 |                         |                               |                              |             |           |
| <b>TOTAL FOR MAP NO. 9</b>                    |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>0.4</b>      |                         |                               |                              |             |           |
| 2023CPT.03.09.20712                           | Pender | 10     | SR 1435 (OAK HILLS DRIVE)          | FROM NC 133 HWY. TO US 117 HWY. [MP 0.00 - MP 0.40]                               | 3      | 2     | 2WU       | NO                             | NO                        | 0.4    | 20    |                 |                         |                               |                              |             |           |
| <b>TOTAL FOR MAP NO. 10</b>                   |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>0.4</b>      |                         |                               |                              |             |           |
| 2023CPT.03.09.20712                           | Pender | 11     | SR 1137 (BOROUGH SPUR ROAD)        | FROM SR 1115 (BOROUGH RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.19]              | 3      | 2     | 2WU       | NO                             | NO                        | 0.19   | 18    |                 |                         |                               |                              |             |           |
| <b>TOTAL FOR MAP NO. 11</b>                   |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>0.19</b>     |                         |                               |                              |             |           |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.20712</b> |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>2.5</b>      |                         |                               |                              |             |           |
| <b>GRAND TOTAL</b>                            |        |        |                                    |                                                                                   |        |       |           |                                |                           |        |       | <b>28.37</b>    |                         | <b>7.29</b>                   | <b>377</b>                   | <b>1.89</b> | <b>18</b> |

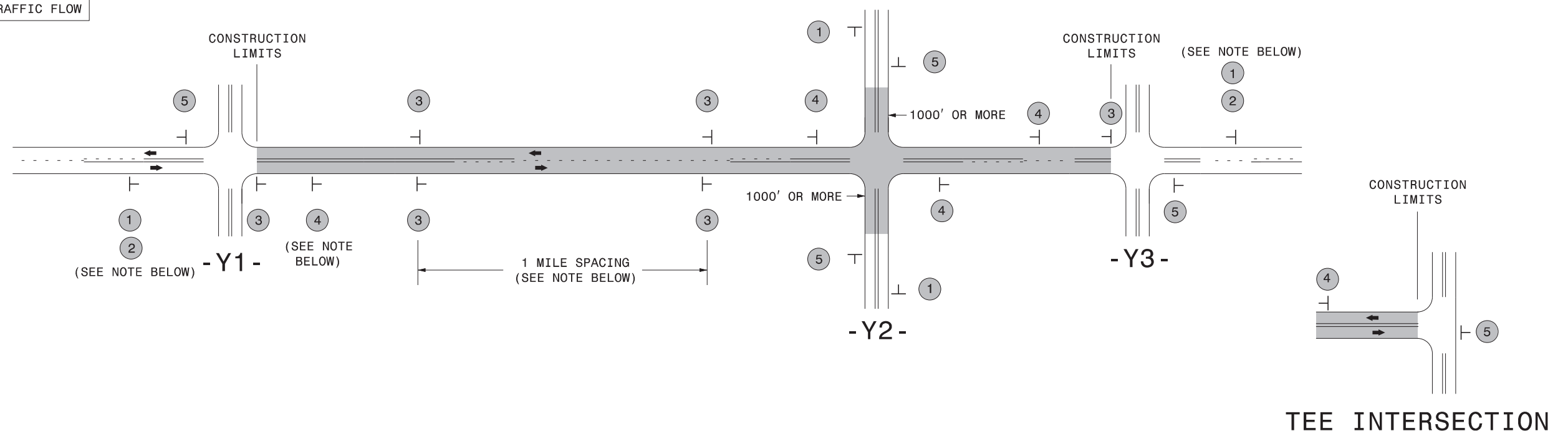
|                           |           |
|---------------------------|-----------|
| PROJECT NO.               | SHEET NO. |
| 2023CPT.03.09.10711, Etc. | 11        |

## THERMOPLASTIC AND PAINT QUANTITIES

| PROJECT NO                                    | COUNTY | MAP NO | ROUTE                              | DESCRIPTION                                                                       | TYP NO | LANES | LANE TYPE | LENGTH |    | WIDTH | 4413000000-E                              | 4457000000-N              | 4510000000-N    | 4685000000-E            |                        | 4725000000-E             | 4726110000-E                             |                                              | 4810000000-E    |                | 4900000000-N            | 4905100000-N                             |     |     |
|-----------------------------------------------|--------|--------|------------------------------------|-----------------------------------------------------------------------------------|--------|-------|-----------|--------|----|-------|-------------------------------------------|---------------------------|-----------------|-------------------------|------------------------|--------------------------|------------------------------------------|----------------------------------------------|-----------------|----------------|-------------------------|------------------------------------------|-----|-----|
|                                               |        |        |                                    |                                                                                   |        |       |           | MI     | FT |       | WORK ZONE ADVANCE/GENERAL WARNING SIGNING | TEMPORARY TRAFFIC CONTROL | LAW ENFORCEMENT | 4" X 90 M YELLOW THERMO | 4" X 90 M WHITE THERMO | THERMO RT ARROW (90 MIL) | HEATED-IN-PLACE, BICYCLE SYMBOL (90 MIL) | HEATED-IN-PLACE, BICYCLE STR. ARROW (90 MIL) | 4" YELLOW PAINT | 4" WHITE PAINT | YELLOW & YELLOW MARKERS | NON CAST IRON SNOWPLOWABLE MARKERS (Y/Y) |     |     |
|                                               |        |        |                                    |                                                                                   |        |       |           |        |    |       | SF                                        | LS                        | HR              | LF                      | LF                     | EA                       | EA                                       | EA                                           | LF              | LF             | EA                      | EA                                       |     |     |
| 2023CPT.03.09.10711                           | Pender | 1      | NC 50 (S. SHORE/ S. TOPSAIL DRIVE) | FROM HISPANIOLA LN. (NON-SYSTEM) TO KINSTON AVE. (NON-SYSTEM) [MP 3.48 - MP 7.45] | 1      | 2     | 2WU       | 3.97   | 24 |       |                                           |                           |                 | 29,400                  | 42,000                 | 1                        | 13                                       | 13                                           | 10,000          |                |                         | 231                                      |     |     |
| <b>TOTAL FOR MAP NO. 1</b>                    |        |        |                                    |                                                                                   |        |       |           | 3.97   |    |       | 400                                       | 0.10                      |                 | 29,400                  | 42,000                 | 1                        | 13                                       | 13                                           | 10,000          |                |                         | 231                                      |     |     |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.10711</b> |        |        |                                    |                                                                                   |        |       |           | 3.97   |    |       | 400                                       | 0.10                      |                 | 29,400                  | 42,000                 | 1                        | 13                                       | 13                                           | 10,000          |                |                         | 231                                      |     |     |
|                                               |        |        |                                    |                                                                                   |        |       |           |        |    |       | 71,400                                    |                           | 26              |                         | 10,000                 |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| 2023CPT.03.09.10712                           | Pender | 2      | NC 53 (BURGAW HIGHWAY)             | FROM ONSLOW CO. LINE TO .11 MI. EAST OF US 117 HWY. [MP 0.00 - MP 17.70]          |        | 2     | 2WU       | 17.7   | 26 |       | 1,984                                     | 0.53                      | 80              |                         |                        |                          |                                          |                                              | 10,000          | 10,000         | 70                      |                                          |     |     |
| <b>TOTAL FOR MAP NO. 2</b>                    |        |        |                                    |                                                                                   |        |       |           | 17.7   |    |       | 1,984                                     | 0.53                      | 80.00           |                         |                        |                          |                                          |                                              | 10,000          | 10,000         | 70                      |                                          |     |     |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.10712</b> |        |        |                                    |                                                                                   |        |       |           | 17.7   |    |       | 1,984                                     | 0.53                      | 80.00           |                         |                        |                          |                                          |                                              |                 | 10,000         | 10,000                  | 70                                       |     |     |
|                                               |        |        |                                    |                                                                                   |        |       |           |        |    |       | 20,000                                    |                           |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| 2023CPT.03.09.20711                           | Pender | 3      | SR 1512 (WHITESTOCKING ROAD)       | FROM SR 1513 (PEARLIE WATKINS RD.) TO END OF MAINTENANCE [MP 1.70 - MP 3.56]      | 2      | 2     | 2WU       | 1.86   | 20 |       |                                           |                           |                 | 14,581                  | 18,292                 |                          |                                          |                                              |                 |                |                         | 124                                      |     |     |
| <b>TOTAL FOR MAP NO. 3</b>                    |        |        |                                    |                                                                                   |        |       |           | 1.86   |    |       |                                           | 0.05                      |                 |                         | 14,581                 | 18,292                   |                                          |                                              |                 |                |                         |                                          | 124 |     |
| 2023CPT.03.09.20711                           | Pender | 4      | SR 1449 (QUAIL RUN DRIVE)          | FROM NC 133 HWY. TO END OF MAINTENANCE [MP 0.00 - MP 0.27]                        | 2      | 2     | 2WU       | 0.27   | 20 |       |                                           |                           |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| <b>TOTAL FOR MAP NO. 4</b>                    |        |        |                                    |                                                                                   |        |       |           | 0.27   |    |       |                                           | 0.03                      |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| 2023CPT.03.09.20711                           | Pender | 5      | SR 1575 (KINGS LANDING ROAD)       | FROM SR 1567 (KINGS LANDING RD.) TO SR 1653 (OLDE POINT RD.) [MP 0.00 - MP 0.94]  | 2      | 2     | 2WU       | 0.94   | 20 |       |                                           |                           |                 | 8,000                   | 10,114                 |                          |                                          |                                              |                 |                |                         | 60                                       |     |     |
| <b>TOTAL FOR MAP NO. 5</b>                    |        |        |                                    |                                                                                   |        |       |           | 0.94   |    |       |                                           | 0.05                      |                 |                         | 8,000                  | 10,114                   |                                          |                                              |                 |                |                         |                                          | 60  |     |
| 2023CPT.03.09.20711                           | Pender | 6      | SR 1567 (KINGS LANDING ROAD)       | SR 1565 (COUNTRY CLUB DR.) TO SR 1575 (KINGS LANDING RD.) [MP 0.00 - MP 1.13]     | 2      | 2     | 2WU       | 1.13   | 20 |       |                                           |                           |                 | 11,153                  | 12,159                 |                          |                                          |                                              |                 |                |                         | 80                                       |     |     |
| <b>TOTAL FOR MAP NO. 6</b>                    |        |        |                                    |                                                                                   |        |       |           | 1.13   |    |       |                                           | 0.05                      |                 |                         | 11,153                 | 12,159                   |                                          |                                              |                 |                |                         |                                          | 80  |     |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.20711</b> |        |        |                                    |                                                                                   |        |       |           | 4.2    |    |       |                                           | 0.18                      |                 |                         | 33,734                 | 40,565                   |                                          |                                              |                 |                |                         |                                          |     | 264 |
|                                               |        |        |                                    |                                                                                   |        |       |           |        |    |       | 74,299                                    |                           |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| 2023CPT.03.09.20712                           | Pender | 7      | SR 1675 (LONG LEAF DRIVE)          | FROM US 17 TO SR 1565 (COUNTRY CLUB DR.) [MP 0.00 - MP 0.85]                      | 3      | 2     | 2WU       | 0.85   | 24 |       |                                           |                           |                 | 8,730                   | 9,146                  |                          |                                          |                                              |                 |                |                         | 55                                       |     |     |
| <b>TOTAL FOR MAP NO. 7</b>                    |        |        |                                    |                                                                                   |        |       |           | 0.85   |    |       |                                           | 0.05                      |                 |                         | 8,730                  | 9,146                    |                                          |                                              |                 |                |                         |                                          | 55  |     |
| 2023CPT.03.09.20712                           | Pender | 8      | SR 1452 (FOREST LANE)              | FROM NC 133 TO SR 1461 (WILLOWS BAY DR.) [MP 0.00 - MP 0.66]                      | 3      | 2     | 2WU       | 0.66   | 21 |       |                                           |                           |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| <b>TOTAL FOR MAP NO. 8</b>                    |        |        |                                    |                                                                                   |        |       |           | 0.66   |    |       |                                           | 0.05                      |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| 2023CPT.03.09.20712                           | Pender | 9      | SR 1461 (WILLOWS BAY DRIVE)        | FROM SR 1452 (FOREST LN.) TO SR 1493 (TURKEY CREEK RD.) [MP 0.00 - MP 0.40]       | 3      | 2     | 2WU       | 0.4    | 21 |       |                                           |                           |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| <b>TOTAL FOR MAP NO. 9</b>                    |        |        |                                    |                                                                                   |        |       |           | 0.4    |    |       |                                           | 0.03                      |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| 2023CPT.03.09.20712                           | Pender | 10     | SR 1435 (OAK HILLS DRIVE)          | FROM NC 133 HWY. TO US 117 HWY. [MP 0.00 - MP 0.40]                               | 3      | 2     | 2WU       | 0.4    | 20 |       |                                           |                           |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| <b>TOTAL FOR MAP NO. 10</b>                   |        |        |                                    |                                                                                   |        |       |           | 0.4    |    |       |                                           | 0.03                      |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| 2023CPT.03.09.20712                           | Pender | 11     | SR 1137 (BOROUGH SPUR ROAD)        | FROM SR 1115 (BOROUGH RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.19]              | 3      | 2     | 2WU       | 0.19   | 18 |       |                                           |                           |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| <b>TOTAL FOR MAP NO. 11</b>                   |        |        |                                    |                                                                                   |        |       |           | 0.19   |    |       |                                           | 0.03                      |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| <b>TOTAL FOR PROJ NO. 2023CPT.03.09.20712</b> |        |        |                                    |                                                                                   |        |       |           | 2.5    |    |       |                                           | 0.19                      |                 |                         | 8,730                  | 9,146                    |                                          |                                              |                 |                |                         |                                          |     | 55  |
|                                               |        |        |                                    |                                                                                   |        |       |           |        |    |       | 17,876                                    |                           |                 |                         |                        |                          |                                          |                                              |                 |                |                         |                                          |     |     |
| <b>GRAND TOTAL</b>                            |        |        |                                    |                                                                                   |        |       |           | 28.37  |    |       | 2,384                                     | 1.00                      | 80.00           | 71,864                  | 91,711                 | 1                        | 13                                       | 13                                           | 20,000          | 10,000         | 389                     | 231                                      |     |     |
|                                               |        |        |                                    |                                                                                   |        |       |           |        |    |       | 163,575                                   |                           | 26              |                         | 30,000                 |                          |                                          |                                              |                 |                |                         |                                          |     |     |

# SIGNING FOR RESURFACING PROJECTS

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



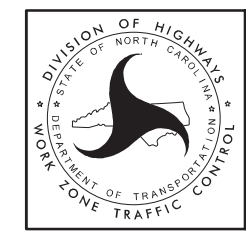
## MAINLINE (-L-) SIGNING

## -Y- LINE SIGNING

|                                           |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIGNING NOTES AND PLACEMENT PER DIRECTION | <br>                                                                                                                                                                                                                          | <p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#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)</p>                                                                                                                                                                                                                                                                               | <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> <br/>           PLACED 500' IN ADVANCE OF FLAGGER.         </div> <div> <br/>           PLACED 250' IN ADVANCE OF FLAGGER.         </div> </div> |
|                                           |                                                                                                                                                                                                                               | <p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                           |                                                                                                                                                                                                                               | <p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.</p> <p>- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</p> <p>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</p> <p>- 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.</p> <p>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p> <p>- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                           |                                                                                                                                                                                                                               | <p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                           | <p>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.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**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