



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

June 14, 2022

**To: Prospective Bidders**

**From: Jonathan W. Mitchell**  
**Division Contract Engineer**

DocuSigned by:

*Jonathan W Mitchell*

02B404268BC84C2...

**Contract ID#: DC00344**

**WBS Element: 2022CPT.03.17.20652, 2022CPT.03.17.20101, 2022CPT.03.17.20102**

**County: New Hanover and Brunswick Counties**

**Subject: Addendum #1: DISTRICT 3 PAVEMENT PRESERVATION**

The Subject contract proposal contains the following addendum:

- 1- Project Plans (Plan Sheet No. 1, Map 2) has been revised in the *DC00344\_District 3 Preservation Plans*.

**\*\*\*An Addendum has been added to Bid Express.**

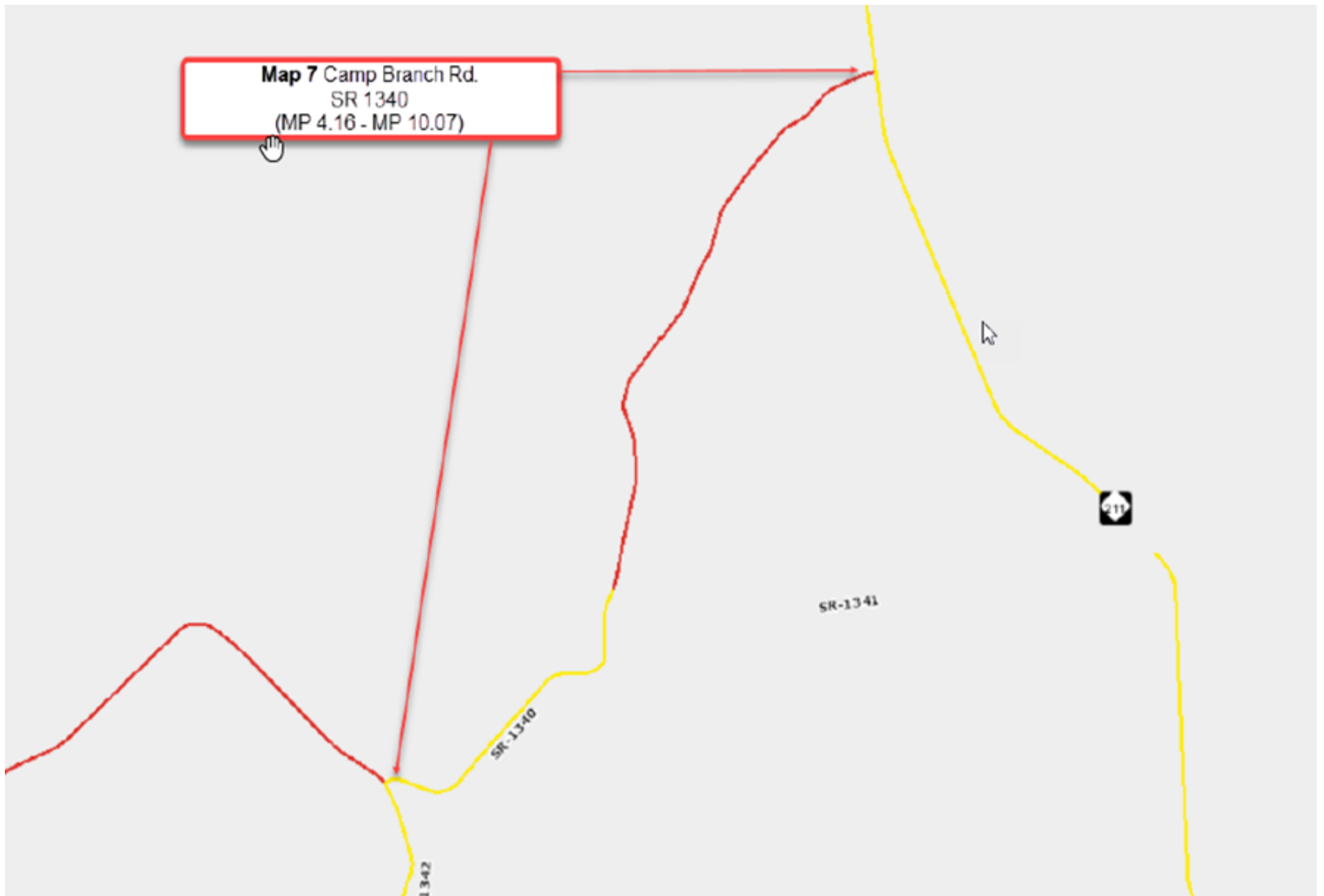
*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
5505 BARBADOS BOULEVARD  
CASTLE HAYNE, NC 28429-5647

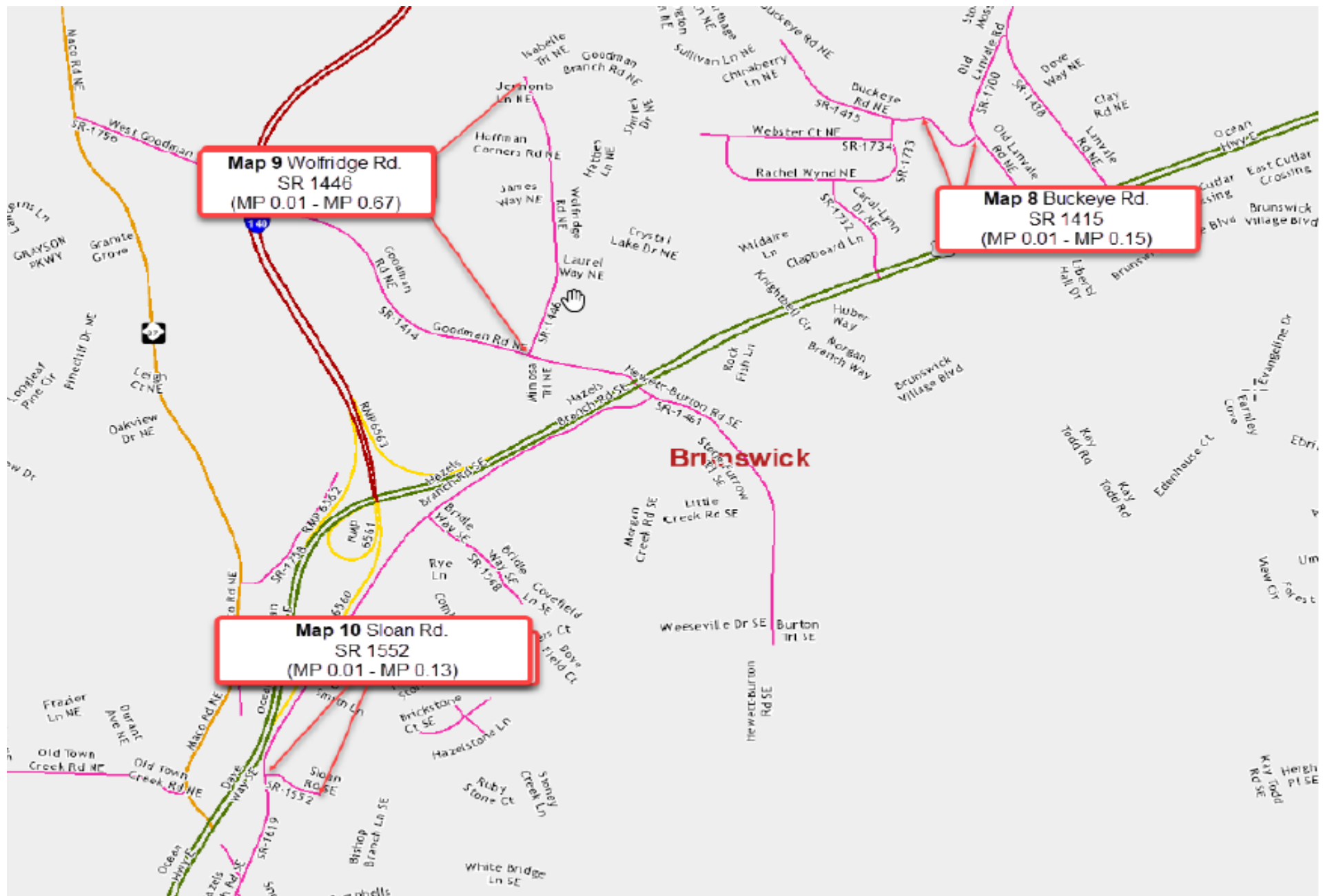
*Telephone:* (910) 341-2001  
*Fax:* (910) 675-0143  
*Customer Service:* 1-877-368-4968

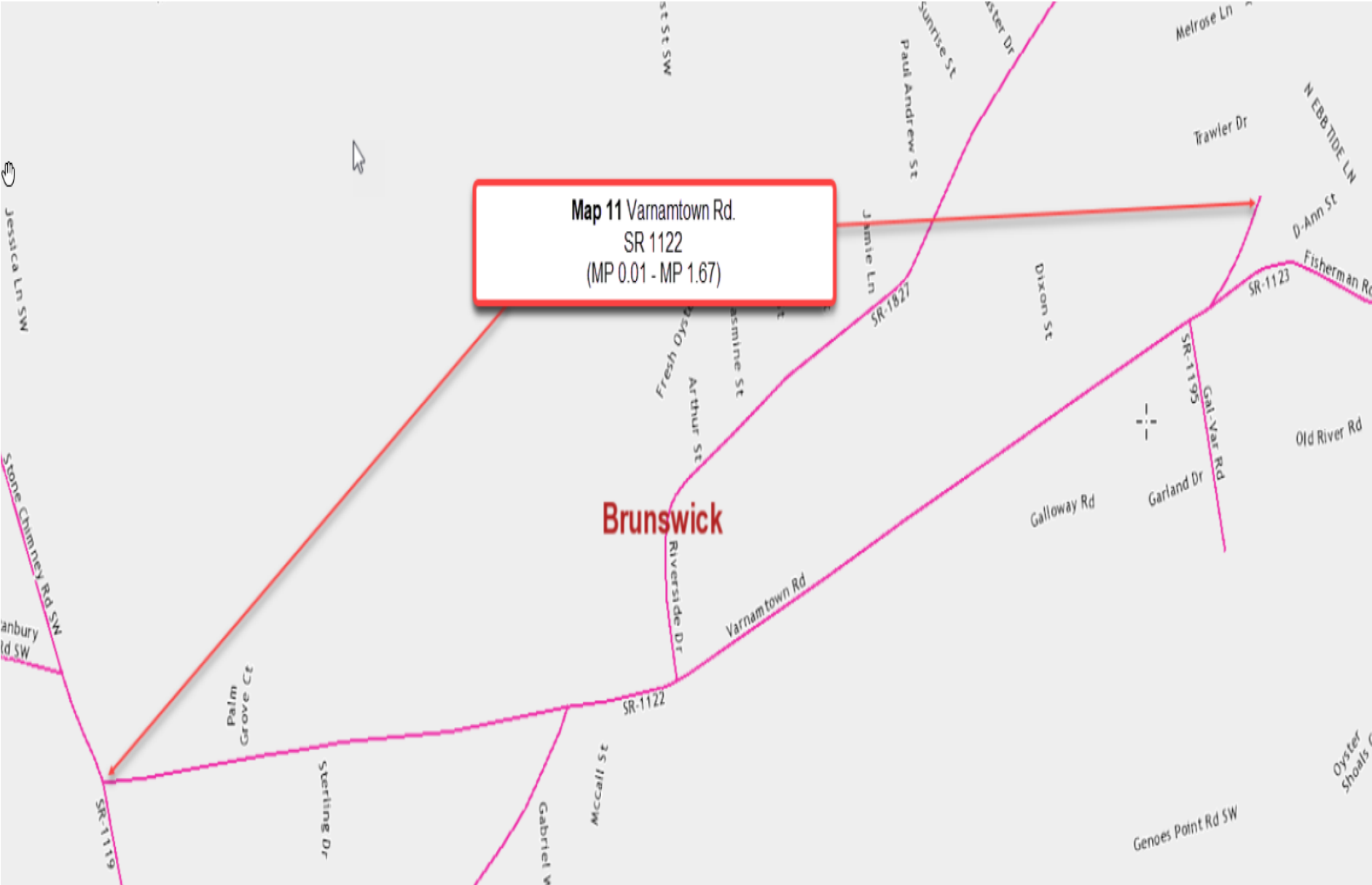
*Website:* [www.ncdot.gov](http://www.ncdot.gov)

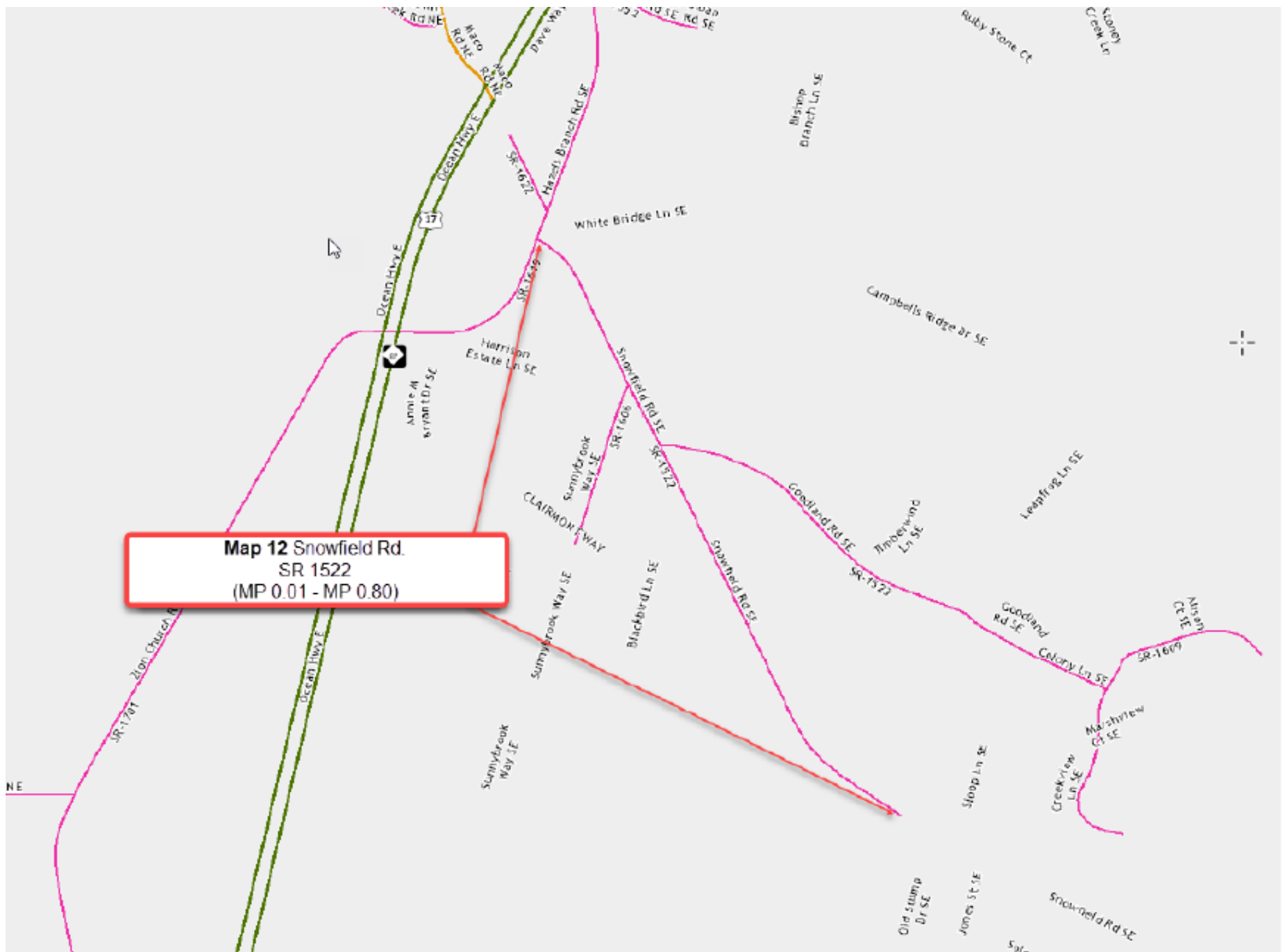
*Location:*  
5505 BARBADOS BOULEVARD  
CASTLE HAYNE, NC 28429-5647

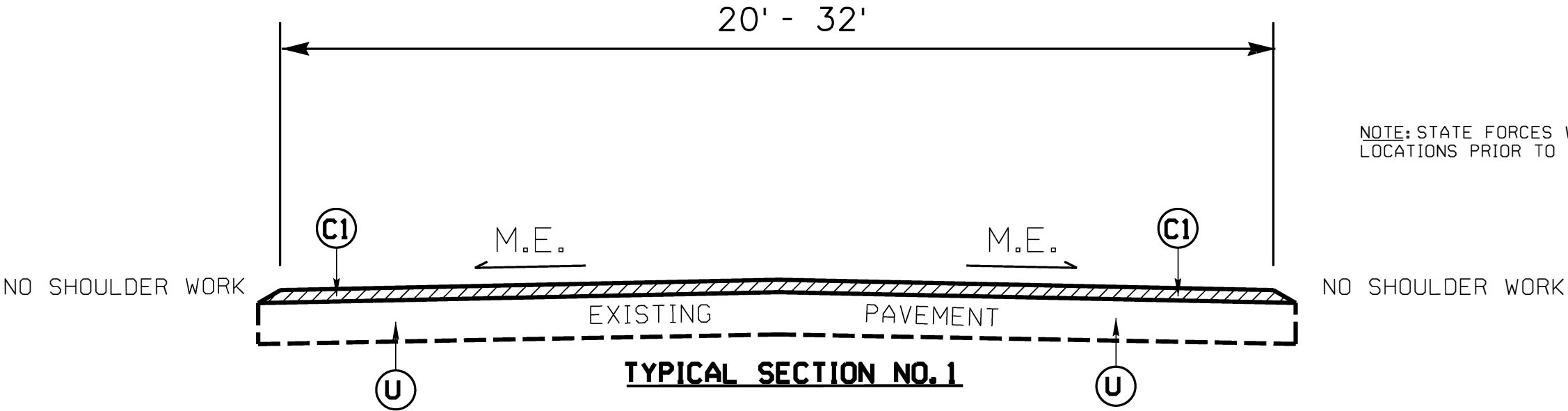












NOTE: STATE FORCES WILL MARK SHORT OVERLAY LOCATIONS PRIOR TO RESURFACING.

MAP NO. 1  
SR 1268 (STILLWELL RD.)  
MP 0.00 - MP 0.31

MAP NO. 2  
SR 1267 (WILDERNESS RD.)  
MP 0.28 - MP 0.43

MAP NO. 3  
SR 1266 (SHAWNEE TRL.)  
MP 0.25 - MP 0.43

MAP NO. 4  
SR 1255 (YULAN DR.)  
MP 0.27 - MP 0.44

MAP NO. 5  
SR 1256 (SALIX DR.)  
MP 0.01 - MP 0.32

MAP NO. 6  
SR 1237 (SILVA TERRA DR.)  
MP 0.09 - MP 0.31

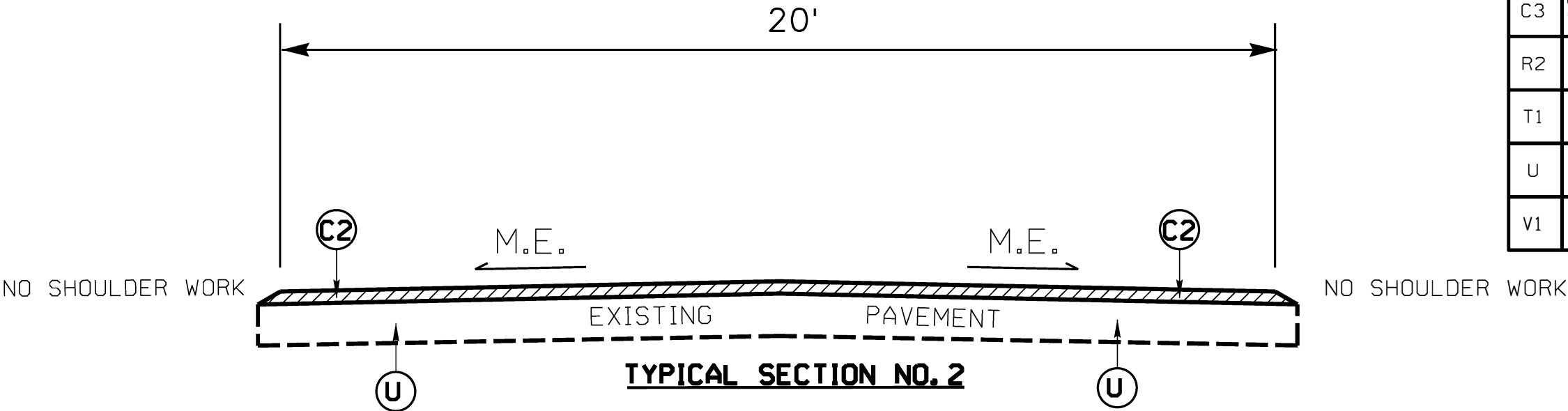
MAP NO. 9  
SR 1446 (WOLFRIDGE RD.)  
MP 0.01 - MP 0.67

MAP NO. 10  
SASR 1552 (SLOAN RD.)  
MP 0.01 - MP 0.13

MAP NO. 11  
SR 1122 (VARNAMTOWN RD.)  
MP 0.01 - MP 1.67

MAP NO. 12  
SR 1522 (SNOWFIELD RD.)  
MP 0.01 - MP 0.80

| PAVEMENT SCHEDULE |                                                                                                                  |
|-------------------|------------------------------------------------------------------------------------------------------------------|
| C1                | PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110.0 LBS. PER SQ.YD. |
| C2                | PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110.0 LBS. PER SQ.YD.  |
| C3                | PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.   |
| R2                | EXISTING CONCRETE BRIDGE RAIL                                                                                    |
| T1                | EARTH MATERIAL (SHOULDER RECONSTRUCTION)                                                                         |
| U                 | EXISTING PAVEMENT                                                                                                |
| V1                | MILLING ASPHALT PAVEMENT, 1" DEPTH                                                                               |



MAP NO. 8  
SR 1415 (BUCKEYE RD.)  
MP 0.01 - MP 0.16

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

1" MILLING



## MP 4.99 - MP 5.04

SEE SHOULDER WEDGE DETAIL

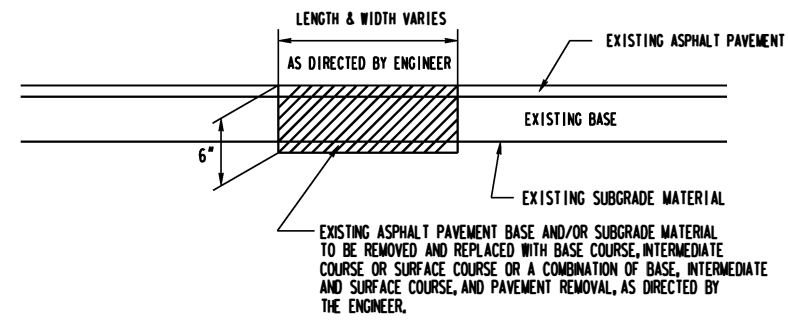


## MP 5.04 - MP 10.07

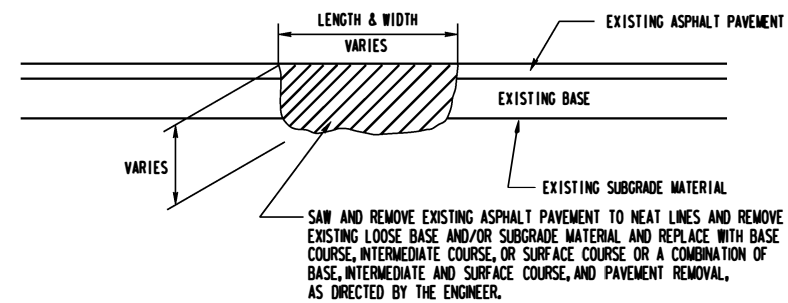
\$SYSTEM\$DGN\$USER\$



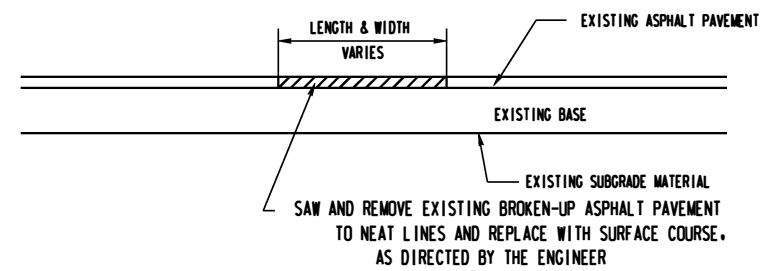
## DETAILS OF PATCHING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



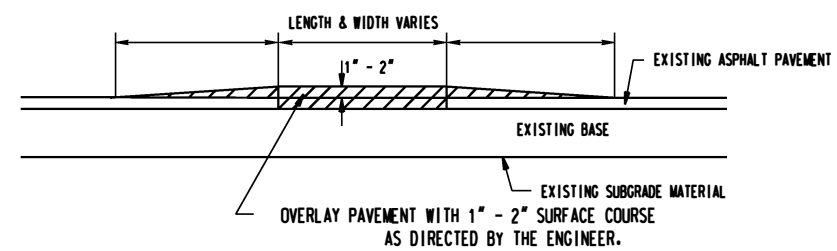
DETAIL NO. 1



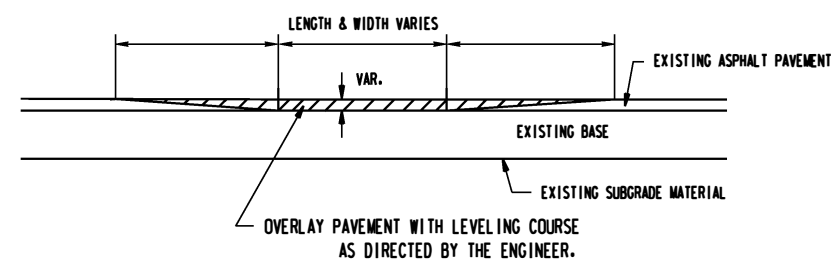
DETAIL NO. 2



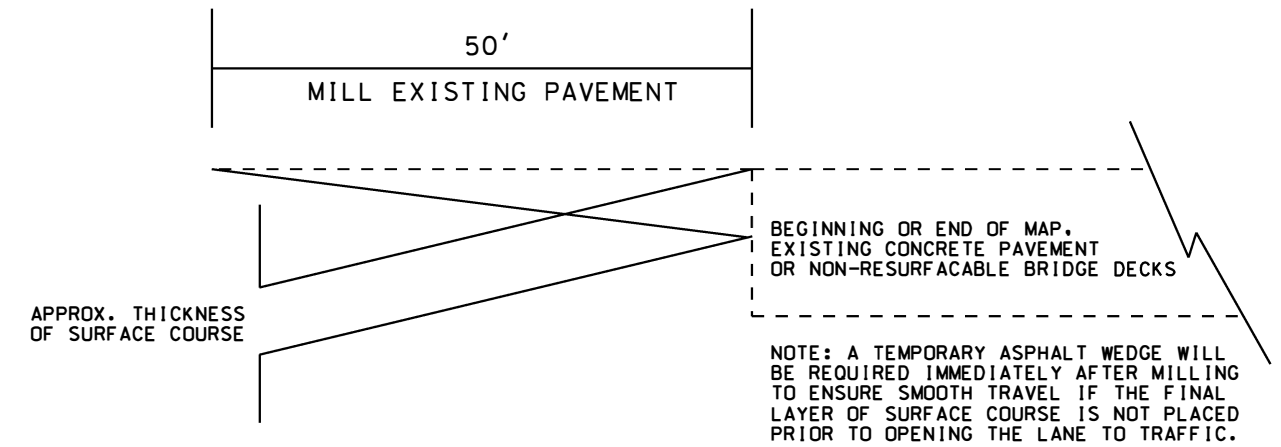
DETAIL NO. 3



DETAIL NO. 4

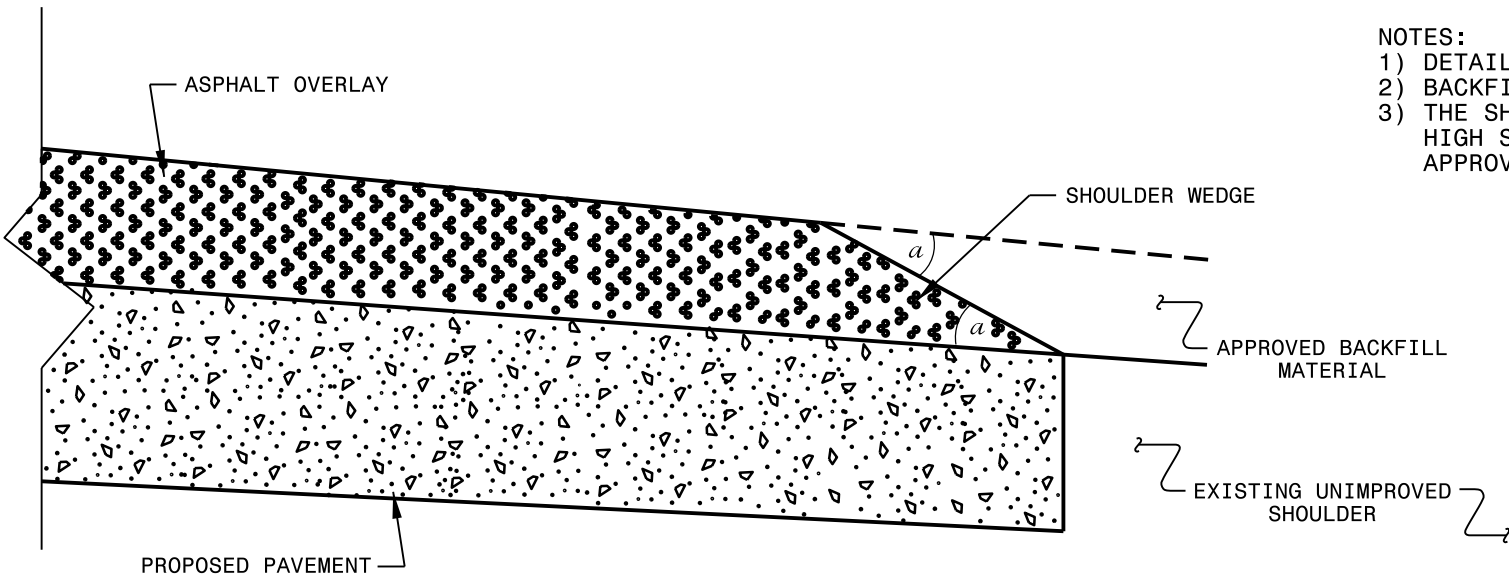


DETAIL NO. 5

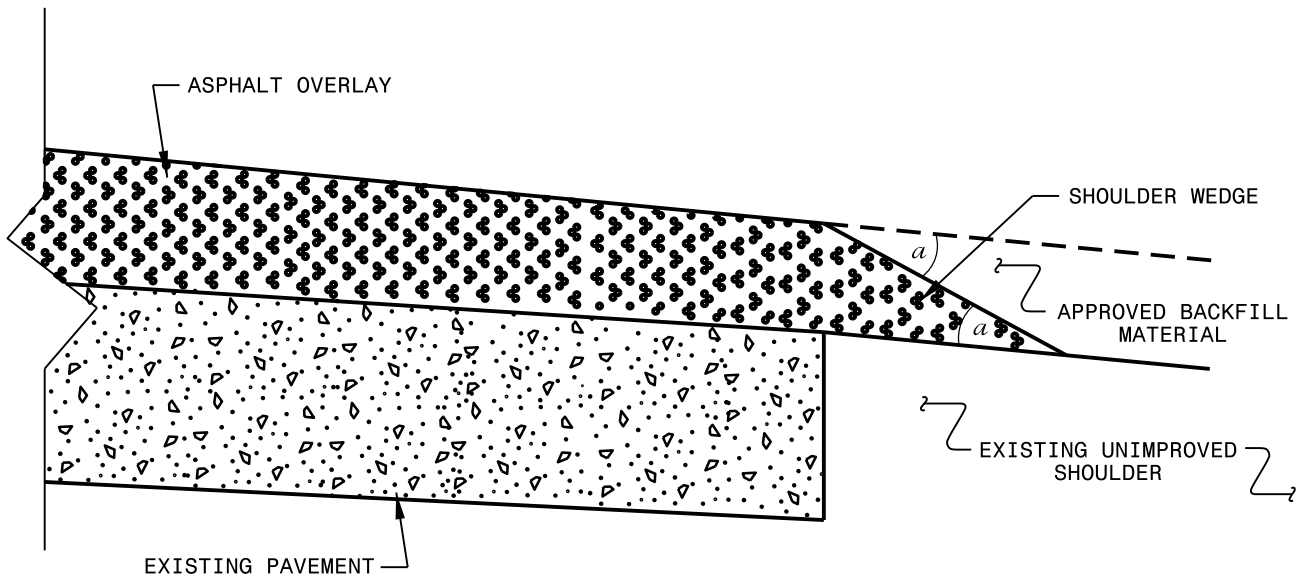


DETAIL FOR MILLING & INCIDENTAL MILLING PAY ITEMS:  
MAY BE USED AT THE BEGINNING & END OF MAPS  
AND AT APPROACH & TRAILING ENDS OF BRIDGES

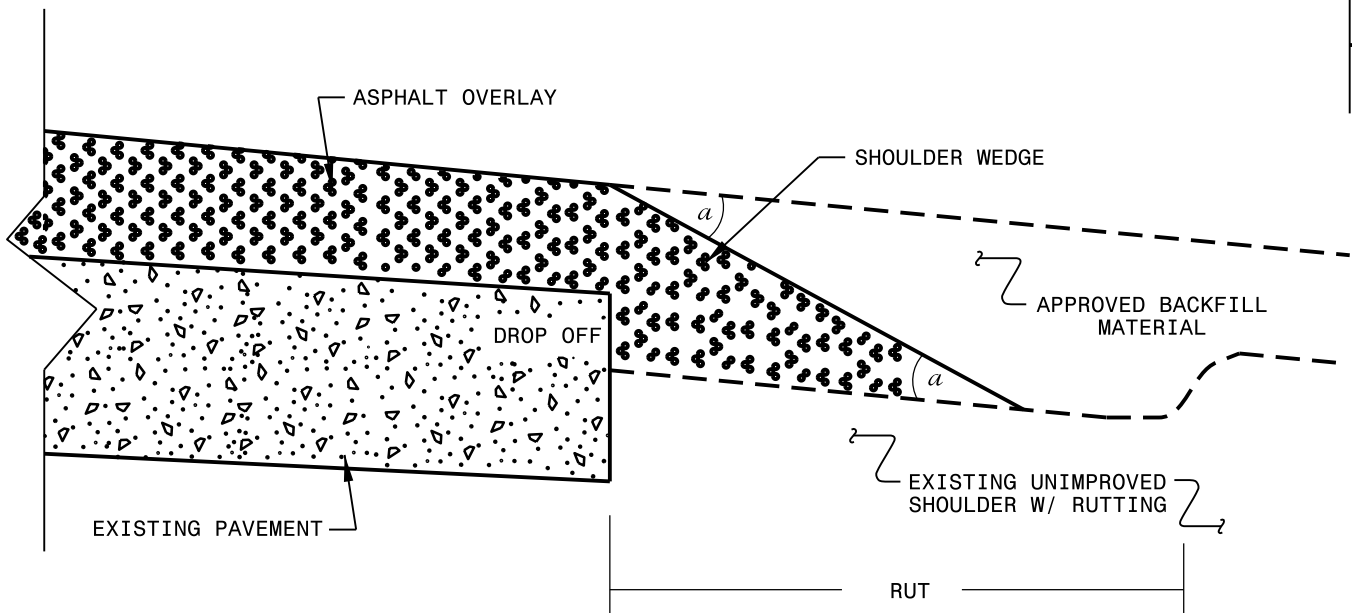
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



**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 |                  |         |

| PROJECT NO.               | SHEET NO. |
|---------------------------|-----------|
| 2022CPT.03.17.20652, 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  | 0106000000-E      | 1220000000-E          | 1245000000-E             | 1297000000-E | 1330000000-E       | 1519000000-E          |                                     | 1526000000-E            | 1575000000-E                 | 1880000000-E                              | 2759000000-N                      | 2830000000-N           | 6000000000-E         | 6009000000-E         |
|----------------------------------------|------------|--------|-----------------------------|-------------------------------------------------------------------------------------|--------|-------|-----------|--------------------------------|---------------------------|--------|--------|-------------------|-----------------------|--------------------------|--------------|--------------------|-----------------------|-------------------------------------|-------------------------|------------------------------|-------------------------------------------|-----------------------------------|------------------------|----------------------|----------------------|
|                                        |            |        |                             |                                                                                     |        |       |           |                                |                           |        |        | BORROW EXCAVATION | INCIDENTAL STONE BASE | SHOULDER RECONSTRUCTI ON | 1" MILLING   | INCIDENTAL MILLING | SURFACE COURSE, S9.5B | SURFACE COURSE, S9.5B SHORT OVERLAY | SURFACE COURSE, \$4.75A | ASPHALT BINDER FOR PLANT MIX | PATCHING EXISTING PAVEMENT (MILL) GENERIC | ADJUSTMENT OF MONUMENTS (GENERIC) | ADJUSTMENT OF MANHOLES | TEMPORARY SILT FENCE | STONE FOR EC CLASS B |
|                                        |            |        |                             |                                                                                     |        |       |           |                                |                           | MI     | FT     | CY                | TON                   | SMI                      | SY           | SY                 | TON                   | TON                                 | TON                     | TON                          | TON                                       | EA                                | EA                     | LF                   | TON                  |
| 2022CPT.03.17.20652                    | NewHanover | 1      | SR 1268 (STILLWELL ROAD)    | FROM SR 1267 (WILDERNESS RD.) TO SR 1267 (WILDERNESS RD.)<br>[MP 0.00 - MP 0.31]    | 1      | 2     | 2WU       | NO                             | NO                        | 0.31   | 32     |                   |                       |                          |              |                    |                       |                                     | 330                     | 23                           | 10                                        | 2                                 | 3                      |                      |                      |
| TOTAL FOR MAP NO. 1                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.31   |        |                   |                       |                          |              |                    |                       |                                     | 330                     | 23                           | 10                                        | 2                                 | 3                      |                      |                      |
| 2022CPT.03.17.20652                    | NewHanover | 2      | SR 1267 (WILDERNESS ROAD)   | FROM SR 1268 (STILLWELL RD.) TO SR 1266 (SHAWNEE TR.)<br>[MP 0.28 - MP 0.43]        | 1      | 2     | 2WU       | NO                             | NO                        | 0.15   | 32     |                   |                       |                          |              |                    |                       |                                     | 160                     | 11                           | 10                                        | 1                                 | 5                      |                      |                      |
| TOTAL FOR MAP NO. 2                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.15   |        |                   |                       |                          |              |                    |                       |                                     | 160                     | 11                           | 10                                        | 1                                 | 5                      |                      |                      |
| 2022CPT.03.17.20652                    | NewHanover | 3      | SR 1266 (SHAWNEE TRAIL)     | FROM SR 1265 (INDIAN TR.) TO CUL-DE-SAC<br>[MP 0.25 - MP 0.43]                      | 1      | 2     | 2WU       | NO                             | NO                        | 0.18   | 32     |                   |                       |                          |              |                    |                       |                                     | 200                     | 14                           | 10                                        |                                   |                        |                      |                      |
| TOTAL FOR MAP NO. 3                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.18   |        |                   |                       |                          |              |                    |                       |                                     | 200                     | 14                           | 10                                        |                                   |                        |                      |                      |
| 2022CPT.03.17.20652                    | NewHanover | 4      | SR 1255 (YULAN DRIVE)       | FROM SR 1238 (ILEX DR.) TO SR 1267 (WILDERNESS RD.)<br>[MP 0.27 - MP 0.44]          | 1      | 2     | 2WU       | NO                             | NO                        | 0.17   | 32     |                   |                       |                          |              |                    |                       |                                     | 181                     | 13                           | 10                                        | 1                                 |                        |                      |                      |
| TOTAL FOR MAP NO. 4                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.17   |        |                   |                       |                          |              |                    |                       |                                     | 181                     | 13                           | 10                                        | 1                                 |                        |                      |                      |
| 2022CPT.03.17.20652                    | NewHanover | 5      | SR 1256 (SALIX DRIVE)       | FROM SR 1238 (ILEX DR.) TO SR 1237 (SILVA TERRA DR.)<br>[MP 0.01 - MP 0.32]         | 1      | 2     | 2WU       | NO                             | NO                        | 0.31   | 20     |                   |                       |                          |              |                    |                       |                                     | 206                     | 14                           | 10                                        |                                   |                        |                      |                      |
| TOTAL FOR MAP NO. 5                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.31   |        |                   |                       |                          |              |                    |                       |                                     | 206                     | 14                           | 10                                        |                                   |                        |                      |                      |
| 2022CPT.03.17.20652                    | NewHanover | 6      | SR 1237 (SILVA TERRA DRIVE) | FROM US 421 HWY. (CAROLINA BEACH RD.) TO SR 1238 (ILEX DR.)<br>[MP 0.09 - MP 0.31]  | 1      | 2     | 2WU       | NO                             | NO                        | 0.22   | 20     |                   |                       |                          |              |                    |                       |                                     | 146                     | 10                           | 10                                        |                                   |                        |                      |                      |
| TOTAL FOR MAP NO. 6                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.22   |        |                   |                       |                          |              |                    |                       |                                     | 146                     | 10                           | 10                                        |                                   |                        |                      |                      |
| TOTAL FOR PROJ NO. 2022CPT.03.17.20652 |            |        |                             |                                                                                     |        |       |           |                                |                           | 1.34   |        |                   |                       |                          |              |                    |                       |                                     | 1,223                   | 85                           | 60                                        | 4                                 | 8                      |                      |                      |
|                                        |            |        |                             |                                                                                     |        |       |           |                                |                           |        |        |                   |                       |                          |              |                    |                       |                                     |                         |                              |                                           |                                   |                        |                      |                      |
| 2022CPT.03.17.20101                    | Brunswick  | 7      | SR 1340 (CAMP BRANCH ROAD)  | FROM SR 1342 (MAKATOKA RD.) TO NC 211 HWY. (GREENSWAMP RD.)<br>[MP 4.16 - MP 10.07] | 3,4    | 2     | 2WU       | NO                             | NO                        | 5.91   | 21- 26 | 901               | 150                   | 11.82                    | 597          | 116                | 6,043                 |                                     |                         | 393                          | 2,812                                     |                                   |                        | 590                  | 148                  |
| TOTAL FOR MAP NO. 7                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 5.91   |        | 901               | 150                   | 11.82                    | 597          | 116                | 6,043                 |                                     |                         | 393                          | 2,812                                     |                                   |                        | 590                  | 148                  |
| TOTAL FOR PROJ NO. 2022CPT.03.17.20101 |            |        |                             |                                                                                     |        |       |           |                                |                           | 5.91   |        | 901               | 150                   | 11.82                    | 597          | 116                | 6,043                 |                                     |                         | 393                          | 2,812                                     |                                   |                        | 590                  | 148                  |
|                                        |            |        |                             |                                                                                     |        |       |           |                                |                           |        |        |                   |                       |                          |              |                    | 6,043                 |                                     |                         |                              |                                           |                                   |                        |                      |                      |
| 2022CPT.0317.20102                     | Brunswick  | 8      | SR 1415 (BUCKEYE ROAD)      | FROM SR 1700 (OLD LANVALE RD.) TO RAILROAD<br>[MP 0.01 - MP 0.16]                   | 2      | 2     | 2WU       | NO                             | NO                        | 0.15   | 20     |                   |                       |                          |              |                    | 97                    |                                     |                         | 6                            | 15                                        |                                   |                        |                      |                      |
| TOTAL FOR MAP NO. 8                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.15   |        |                   |                       |                          |              |                    | 97                    |                                     |                         | 6                            | 15                                        |                                   |                        |                      |                      |
| 2022CPT.0317.20102                     | Brunswick  | 9      | SR 1446 (WOLFRIDGE ROAD)    | FROM SR 1414 (GOODMAN RD.) TO END OF MAINTENANCE<br>[MP 0.01 - MP 0.67]             | 1      | 2     | 2WU       | NO                             | NO                        | 0.66   | 22     |                   |                       |                          |              |                    |                       |                                     | 483                     | 34                           | 52                                        |                                   |                        |                      |                      |
| TOTAL FOR MAP NO. 9                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.66   |        |                   |                       |                          |              |                    |                       |                                     | 483                     | 34                           | 52                                        |                                   |                        |                      |                      |
| 2022CPT.0317.20102                     | Brunswick  | 10     | SR 1552 (SLOAN ROAD)        | FROM SR 1619 (HAZEL BRANCH RD.) TO END OF MAINTENANCE<br>[MP 0.01 - MP 0.13]        | 1      | 2     | 2WU       | NO                             | NO                        | 0.12   | 20     |                   |                       |                          |              |                    |                       | 10                                  | 80                      | 6                            | 40                                        |                                   |                        |                      |                      |
| TOTAL FOR MAP NO. 10                   |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.12   |        |                   |                       |                          |              |                    |                       | 10                                  | 80                      | 6                            | 40                                        |                                   |                        |                      |                      |
| 2022CPT.0317.20102                     | Brunswick  | 11     | SR 1122 (VARNAMTOWN ROAD)   | FROM SR 1119 (STONE CHIMNEY RD. TO END OF MAINTENANCE<br>[MP 0.01 - MP 1.67]        | 1      | 2     | 2WU       | NO                             | NO                        | 1.66   | 20     |                   |                       |                          |              |                    |                       |                                     | 1,105                   | 77                           | 43                                        |                                   |                        |                      |                      |
| TOTAL FOR MAP NO. 11                   |            |        |                             |                                                                                     |        |       |           |                                |                           | 1.66   |        |                   |                       |                          |              |                    |                       |                                     | 1,105                   | 77                           | 43                                        |                                   |                        |                      |                      |
| 2022CPT.0317.20102                     | Brunswick  | 12     | SR 1522 (SNOWFIELD ROAD)    | FROM SR 1619 (HAZELS BRANCH RD.) TO END OF MAINTENANCE<br>[MP 0.01 - MP 0.80]       | 1      | 2     | 2WU       | NO                             | NO                        | 0.79   | 22     |                   |                       |                          |              |                    |                       |                                     | 578                     | 40                           | 15                                        |                                   |                        |                      |                      |
| TOTAL FOR MAP NO. 12                   |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.79   |        |                   |                       |                          |              |                    |                       |                                     | 578                     | 40                           | 15                                        |                                   |                        |                      |                      |
| TOTAL FOR PROJ NO. 2022CPT.0317.20102  |            |        |                             |                                                                                     |        |       |           |                                |                           | 3.38   |        |                   |                       |                          |              |                    | 97                    | 10                                  | 2,246                   | 163                          | 165                                       |                                   |                        |                      |                      |
|                                        |            |        |                             |                                                                                     |        |       |           |                                |                           |        |        |                   |                       |                          |              |                    | 107                   |                                     |                         |                              |                                           |                                   |                        |                      |                      |
| GRAND TOTAL                            |            |        |                             |                                                                                     |        |       |           |                                |                           | 10.63  |        | 901               | 150                   | 11.82                    | 597          | 116                | 6,140                 | 10                                  | 3,469                   | 641                          | 3,037                                     | 4                                 | 8                      | 590                  | 148                  |
|                                        |            |        |                             |                                                                                     |        |       |           |                                |                           |        |        |                   |                       |                          |              |                    | 6,150                 |                                     |                         |                              |                                           |                                   |                        |                      |                      |

|                           |           |
|---------------------------|-----------|
| PROJECT NO.               | SHEET NO. |
| 2022CPT.03.17.20652, Etc. | 11        |
|                           |           |

## SUMMARY OF QUANTITIES

|                                        |            |        |                             |                                                                                     |        |       |           |                                |                           |        |        | 6012000000-E           | 6015000000-E       | 6018000000-E               | 6021000000-E                     | 6036000000-E                | 6042000000-E        | 6071010000-E | 6084000000-E    | 6090000000-E            | 6093000000-E                  | 6117000000-N                 |  |
|----------------------------------------|------------|--------|-----------------------------|-------------------------------------------------------------------------------------|--------|-------|-----------|--------------------------------|---------------------------|--------|--------|------------------------|--------------------|----------------------------|----------------------------------|-----------------------------|---------------------|--------------|-----------------|-------------------------|-------------------------------|------------------------------|--|
| PROJECT NO                             | COUNTY     | MAP NO | ROUTE                       | DESCRIPTION                                                                         | TYP NO | LANES | LANE TYPE | FINAL SURFACE TESTING REQUIRED | WARM MIX ASPHALT REQUIRED | LENGTH | WIDTH  | SEDIMENT CONTROL STONE | TEMPORARY MULCHING | SEED FOR TEMPORARY SEEDING | FERTILIZER FOR TEMPORARY SEEDING | MATTING FOR EROSION CONTROL | 1/4" HARDWARE CLOTH | WATTLE       | SEED & MULCHING | SEED FOR REPAIR SEEDING | FERTILIZER FOR REPAIR SEEDING | RESPONSE FOR EROSION CONTROL |  |
|                                        |            |        |                             |                                                                                     |        |       |           |                                |                           | MI     | FT     | TON                    | ACR                | LBS                        | TON                              | SY                          | LF                  | LF           | AC              | LB                      | TON                           | EA                           |  |
| 2022CPT.03.17.20652                    | NewHanover | 1      | SR 1268 (STILLWELL ROAD)    | FROM SR 1267 (WILDERNESS RD.) TO SR 1267 (WILDERNESS RD.)<br>[MP 0.00 - MP 0.31]    | 1      | 2     | 2WU       | NO                             | NO                        | 0.31   | 32     |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR MAP NO. 1                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.31   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| 2022CPT.03.17.20652                    | NewHanover | 2      | SR 1267 (WILDERNESS ROAD)   | FROM SR 1268 (STILLWELL RD.) TO SR 1266 (SHAWNEE TR.)<br>[MP 0.28 - MP 0.43]        | 1      | 2     | 2WU       | NO                             | NO                        | 0.15   | 32     |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR MAP NO. 2                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.15   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| 2022CPT.03.17.20652                    | NewHanover | 3      | SR 1266 (SHAWNEE TRAIL)     | FROM SR 1265 (INDIAN TR.) TO CUL-DE-SAC<br>[MP 0.25 - MP 0.43]                      | 1      | 2     | 2WU       | NO                             | NO                        | 0.18   | 32     |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR MAP NO. 3                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.18   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| 2022CPT.03.17.20652                    | NewHanover | 4      | SR 1255 (YULAN DRIVE)       | FROM SR 1238 (ILEX DR.) TO SR 1267 (WILDERNESS RD.)<br>[MP 0.27 - MP 0.44]          | 1      | 2     | 2WU       | NO                             | NO                        | 0.17   | 32     |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR MAP NO. 4                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.17   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| 2022CPT.03.17.20652                    | NewHanover | 5      | SR 1256 (SALIX DRIVE)       | FROM SR 1238 (ILEX DR.) TO SR 1237 (SILVA TERRA DR.)<br>[MP 0.01 - MP 0.32]         | 1      | 2     | 2WU       | NO                             | NO                        | 0.31   | 20     |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR MAP NO. 5                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.31   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| 2022CPT.03.17.20652                    | NewHanover | 6      | SR 1237 (SILVA TERRA DRIVE) | FROM US 421 HWY. (CAROLINA BEACH RD.) TO SR 1238 (ILEX DR.)<br>[MP 0.09 - MP 0.31]  | 1      | 2     | 2WU       | NO                             | NO                        | 0.22   | 20     |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR MAP NO. 6                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.22   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR PROJ NO. 2022CPT.03.17.20652 |            |        |                             |                                                                                     |        |       |           |                                |                           | 1.34   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
|                                        |            |        |                             |                                                                                     |        |       |           |                                |                           |        |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| 2022CPT.03.17.20101                    | Brunswick  | 7      | SR 1340 (CAMP BRANCH ROAD)  | FROM SR 1342 (MAKATOKA RD.) TO NC 211 HWY. (GREENSWAMP RD.)<br>[MP 4.16 - MP 10.07] | 3,4    | 2     | 2WU       | NO                             | NO                        | 5.91   | 21- 26 | 148                    | 5.90               | 295                        | 1.48                             | 40                          | 295                 | 90           | 5.72            | 295                     | 1.48                          | 12                           |  |
| TOTAL FOR MAP NO. 7                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 5.91   |        | 148                    | 5.90               | 295                        | 1.48                             | 40                          | 295                 | 90           | 5.72            | 295                     | 1.48                          | 12                           |  |
| TOTAL FOR PROJ NO. 2022CPT.03.17.20101 |            |        |                             |                                                                                     |        |       |           |                                |                           | 5.91   |        | 148                    | 5.90               | 295                        | 1.48                             | 40                          | 295                 | 90           | 5.72            | 295                     | 1.48                          | 12                           |  |
|                                        |            |        |                             |                                                                                     |        |       |           |                                |                           |        |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| 2022CPT.0317.20102                     | Brunswick  | 8      | SR 1415 (BUCKEYE ROAD)      | FROM SR 1700 (OLD LANVALE RD.) TO RAILROAD<br>[MP 0.01 - MP 0.16]                   | 2      | 2     | 2WU       | NO                             | NO                        | 0.15   | 20     |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR MAP NO. 8                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.15   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| 2022CPT.0317.20102                     | Brunswick  | 9      | SR 1446 (WOLFRIDGE ROAD)    | FROM SR 1414 (GOODMAN RD.) TO END OF MAINTENANCE<br>[MP 0.01 - MP 0.67]             | 1      | 2     | 2WU       | NO                             | NO                        | 0.66   | 22     |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR MAP NO. 9                    |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.66   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| 2022CPT.0317.20102                     | Brunswick  | 10     | SR 1552 (SLOAN ROAD)        | FROM SR 1619 (HAZEL BRANCH RD.) TO END OF MAINTENANCE<br>[MP 0.01 - MP 0.13]        | 1      | 2     | 2WU       | NO                             | NO                        | 0.12   | 20     |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR MAP NO. 10                   |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.12   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| 2022CPT.0317.20102                     | Brunswick  | 11     | SR 1122 (VARNAMTOWN ROAD)   | FROM SR 1119 (STONE CHIMNEY RD. TO END OF MAINTENANCE<br>[MP 0.01 - MP 1.67]        | 1      | 2     | 2WU       | NO                             | NO                        | 1.66   | 20     |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR MAP NO. 11                   |            |        |                             |                                                                                     |        |       |           |                                |                           | 1.66   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| 2022CPT.0317.20102                     | Brunswick  | 12     | SR 1522 (SNOWFIELD ROAD)    | FROM SR 1619 (HAZELS BRANCH RD.) TO END OF MAINTENANCE<br>[MP 0.01 - MP 0.80]       | 1      | 2     | 2WU       | NO                             | NO                        | 0.79   | 22     |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR MAP NO. 12                   |            |        |                             |                                                                                     |        |       |           |                                |                           | 0.79   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| TOTAL FOR PROJ NO. 2022CPT.0317.20102  |            |        |                             |                                                                                     |        |       |           |                                |                           | 3.38   |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
|                                        |            |        |                             |                                                                                     |        |       |           |                                |                           |        |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |
| GRAND TOTAL                            |            |        |                             |                                                                                     |        |       |           |                                |                           | 10.63  |        | 148                    | 5.90               | 295                        | 1.48                             | 40                          | 295                 | 90           | 5.72            | 295                     | 1.48                          | 12                           |  |
|                                        |            |        |                             |                                                                                     |        |       |           |                                |                           |        |        |                        |                    |                            |                                  |                             |                     |              |                 |                         |                               |                              |  |

|                           |           |
|---------------------------|-----------|
| PROJECT NO.               | SHEET NO. |
| 2022CPT.03.17.20652, Etc. | 12        |
|                           |           |

THERMOPLASTIC AND PAINT QUANTITIES

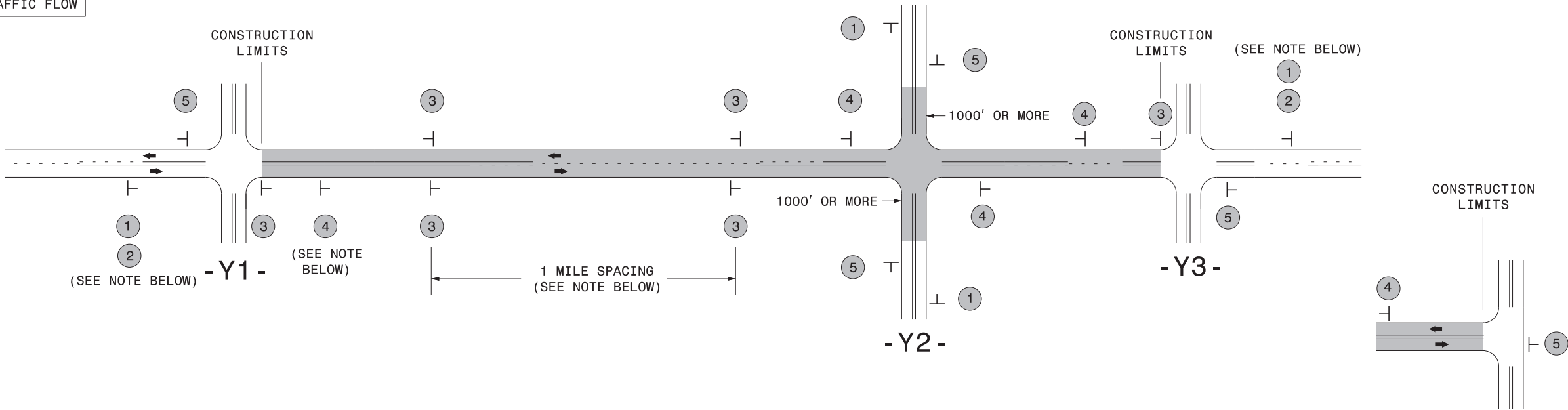
|                                        |            |        |                             |                                                                                        |        |       |           |        |         | 4413000000-E                                           | 4457000000-N                    | 4510000000-N       | 4810000000-E       |                   | 4830000000-E       | 4835000000-E       | 4840000000-N     | 4900000000-N                  |
|----------------------------------------|------------|--------|-----------------------------|----------------------------------------------------------------------------------------|--------|-------|-----------|--------|---------|--------------------------------------------------------|---------------------------------|--------------------|--------------------|-------------------|--------------------|--------------------|------------------|-------------------------------|
| PROJECT NO                             | COUNTY     | MAP NO | ROUTE                       | DESCRIPTION                                                                            | TYP NO | LANES | LANE TYPE | LENGTH | WIDTH   | WORK ZONE<br>ADVANCE/GE<br>NERAL<br>WARNING<br>SIGNING | TEMPORARY<br>TRAFFIC<br>CONTROL | LAW<br>ENFORCEMENT | 4" YELLOW<br>PAINT | 4" WHITE<br>PAINT | 16" WHITE<br>PAINT | 24" WHITE<br>PAINT | PAINT MSG<br>RXR | YELLOW &<br>YELLOW<br>MARKERS |
|                                        |            |        |                             |                                                                                        |        |       |           | MI     | FT      |                                                        |                                 |                    | SF                 | LS                | HR                 | LF                 | LF               | LF                            |
| 2022CPT.03.17.20652                    | NewHanover | 1      | SR 1268 (STILLWELL ROAD)    | FROM SR 1267 (WILDERNESS RD.) TO<br>SR 1267 (WILDERNESS RD.)<br>[MP 0.00 - MP 0.31]    | 1      | 2     | 2WU       | 0.31   | 32      |                                                        | 0.04                            |                    |                    |                   |                    |                    |                  |                               |
| TOTAL FOR MAP NO. 1                    |            |        |                             |                                                                                        |        |       |           | 0.31   |         |                                                        | 0.04                            |                    |                    |                   |                    |                    |                  |                               |
| 2022CPT.03.17.20652                    | NewHanover | 2      | SR 1267 (WILDERNESS ROAD)   | FROM SR 1268 (STILLWELL RD.) TO<br>SR 1266 (SHAWNEE TR.)<br>[MP 0.28 - MP 0.43]        | 1      | 2     | 2WU       | 0.15   | 32      |                                                        | 0.03                            |                    |                    |                   |                    |                    |                  |                               |
| TOTAL FOR MAP NO. 2                    |            |        |                             |                                                                                        |        |       |           | 0.15   |         |                                                        | 0.03                            |                    |                    |                   |                    |                    |                  |                               |
| 2022CPT.03.17.20652                    | NewHanover | 3      | SR 1266 (SHAWNEE TRAIL)     | FROM SR 1265 (INDIAN TR.) TO<br>CUL-DE-SAC<br>[MP 0.25 - MP 0.43]                      | 1      | 2     | 2WU       | 0.18   | 32      |                                                        | 0.03                            |                    |                    |                   |                    |                    |                  |                               |
| TOTAL FOR MAP NO. 3                    |            |        |                             |                                                                                        |        |       |           | 0.18   |         |                                                        | 0.03                            |                    |                    |                   |                    |                    |                  |                               |
| 2022CPT.03.17.20652                    | NewHanover | 4      | SR 1255 (YULAN DRIVE)       | FROM SR 1238 (ILEX DR.) TO<br>SR 1267 (WILDERNESS RD.)<br>[MP 0.27 - MP 0.44]          | 1      | 2     | 2WU       | 0.17   | 32      |                                                        | 0.03                            |                    |                    |                   |                    |                    |                  |                               |
| TOTAL FOR MAP NO. 4                    |            |        |                             |                                                                                        |        |       |           | 0.17   |         |                                                        | 0.03                            |                    |                    |                   |                    |                    |                  |                               |
| 2022CPT.03.17.20652                    | NewHanover | 5      | SR 1256 (SALIX DRIVE)       | FROM SR 1238 (ILEX DR.) TO<br>SR 1237 (SILVA TERRA DR.)<br>[MP 0.01 - MP 0.32]         | 1      | 2     | 2WU       | 0.31   | 20      |                                                        | 0.04                            |                    |                    |                   |                    |                    |                  |                               |
| TOTAL FOR MAP NO. 5                    |            |        |                             |                                                                                        |        |       |           | 0.31   |         |                                                        | 0.04                            |                    |                    |                   |                    |                    |                  |                               |
| 2022CPT.03.17.20652                    | NewHanover | 6      | SR 1237 (SILVA TERRA DRIVE) | FROM US 421 HWY. (CAROLINA<br>BEACH RD.) TO SR 1238 (ILEX DR.)<br>[MP 0.09 - MP 0.31]  | 1      | 2     | 2WU       | 0.22   | 20      |                                                        | 0.04                            | 40                 | 4,598              | 4,648             |                    |                    |                  | 15                            |
| TOTAL FOR MAP NO. 6                    |            |        |                             |                                                                                        |        |       |           | 0.22   |         |                                                        | 0.04                            | 40                 | 4,598              | 4,648             |                    |                    |                  | 15                            |
| TOTAL FOR PROJ NO. 2022CPT.03.17.20652 |            |        |                             |                                                                                        |        |       |           | 1.34   |         |                                                        | 0.21                            | 40                 | 4,598              | 4,648             |                    |                    |                  | 15                            |
|                                        |            |        |                             |                                                                                        |        |       |           |        |         |                                                        |                                 |                    | 9,246              |                   |                    |                    |                  |                               |
| 2022CPT.03.17.20101                    | Brunswick  | 7      | SR 1340 (CAMP BRANCH ROAD)  | FROM SR 1342 (MAKATOKA RD.) TO<br>NC 211 HWY. (GREENSWAMP RD.)<br>[MP 4.16 - MP 10.07] | 3,4    | 2     | 2WU       | 5.91   | 21 - 26 | 672                                                    | 0.44                            |                    | 87,373             | 124,819           |                    |                    |                  | 390                           |
| TOTAL FOR MAP NO. 7                    |            |        |                             |                                                                                        |        |       |           | 5.91   |         | 672                                                    | 0.44                            |                    | 87,373             | 124,819           |                    |                    |                  | 390                           |
| TOTAL FOR PROJ NO. 2022CPT.03.17.20101 |            |        |                             |                                                                                        |        |       |           | 5.91   |         | 672                                                    | 0.44                            |                    | 87,373             | 124,819           |                    |                    |                  | 390                           |
|                                        |            |        |                             |                                                                                        |        |       |           |        |         |                                                        |                                 |                    | 212,192            |                   |                    |                    |                  |                               |
| 2022CPT.0317.20102                     | Brunswick  | 8      | SR 1415 (BUCKEYE ROAD)      | FROM SR 1700 (OLD LANVALE RD.) TO<br>RAILROAD<br>[MP 0.01 - MP 0.16]                   | 2      | 2     | 2WU       | 0.15   | 20      |                                                        | 0.03                            |                    |                    |                   | 280                | 220                | 8                |                               |
| TOTAL FOR MAP NO. 8                    |            |        |                             |                                                                                        |        |       |           | 0.15   |         |                                                        | 0.03                            |                    |                    |                   | 280                | 220                | 8                |                               |
| 2022CPT.0317.20102                     | Brunswick  | 9      | SR 1446 (WOLFRIDGE ROAD)    | FROM SR 1414 (GOODMAN RD.) TO<br>END OF MAINTENANCE<br>[MP 0.01 - MP 0.67]             | 1      | 2     | 2WU       | 0.66   | 22      |                                                        | 0.07                            |                    |                    |                   |                    |                    |                  |                               |
| TOTAL FOR MAP NO. 9                    |            |        |                             |                                                                                        |        |       |           | 0.66   |         |                                                        | 0.07                            |                    |                    |                   |                    |                    |                  |                               |
| 2022CPT.0317.20102                     | Brunswick  | 10     | SR 1552 (SLOAN ROAD)        | FROM SR 1619 (HAZEL BRANCH RD.)<br>TO END OF MAINTENANCE<br>[MP 0.01 - MP 0.13]        | 1      | 2     | 2WU       | 0.12   | 20      |                                                        | 0.03                            |                    | 960                | 1,096             |                    | 64                 |                  | 5                             |
| TOTAL FOR MAP NO. 10                   |            |        |                             |                                                                                        |        |       |           | 0.12   |         |                                                        | 0.03                            |                    | 960                | 1,096             |                    | 64                 |                  | 5                             |
| 2022CPT.0317.20102                     | Brunswick  | 11     | SR 1122 (VARNAMTOWN ROAD)   | FROM SR 1119 (STONE CHIMNEY RD.<br>TO END OF MAINTENANCE<br>[MP 0.01 - MP 1.67]        | 1      | 2     | 2WU       | 1.66   | 20      |                                                        | 0.14                            |                    | 24,541             | 35,059            |                    |                    |                  | 110                           |
| TOTAL FOR MAP NO. 11                   |            |        |                             |                                                                                        |        |       |           | 1.66   |         |                                                        | 0.14                            |                    | 24,541             | 35,059            |                    |                    |                  | 110                           |
| 2022CPT.0317.20102                     | Brunswick  | 12     | SR 1522 (SNOWFIELD ROAD)    | FROM SR 1619 (HAZELS BRANCH RD.)<br>TO END OF MAINTENANCE<br>[MP 0.01 - MP 0.80]       | 1      | 2     | 2WU       | 0.79   | 22      |                                                        | 0.08                            |                    | 9,760              | 16,685            |                    |                    |                  | 52                            |
| TOTAL FOR MAP NO. 12                   |            |        |                             |                                                                                        |        |       |           | 0.79   |         |                                                        | 0.08                            |                    | 9,760              | 16,685            |                    |                    |                  | 52                            |
| TOTAL FOR PROJ NO. 2022CPT.0317.20102  |            |        |                             |                                                                                        |        |       |           | 3.38   |         |                                                        | 0.35                            |                    | 35,261             | 52,840            | 280                | 284                | 8                | 167                           |
|                                        |            |        |                             |                                                                                        |        |       |           |        |         |                                                        |                                 |                    | 88,101             |                   |                    |                    |                  |                               |
| GRAND TOTAL                            |            |        |                             |                                                                                        |        |       | 10.63     |        | 672     | 1.00                                                   | 40                              | 127,232            | 182,307            | 280               | 284                | 8                  | 572              |                               |
|                                        |            |        |                             |                                                                                        |        |       |           |        |         |                                                        |                                 | 309,539            |                    |                   |                    |                    |                  |                               |

SIGNING FOR RESURFACING PROJECTS

LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



TEE INTERSECTION

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIGNING NOTES AND<br>PLACEMENT PER DIRECTION | <div>1</div> <div>2</div> <div><div>ROAD<br/>WORK<br/>AHEAD</div><div>W20-1<br/>48" X 48"</div><div>NEXT<br/>XX MILES</div><div>W7-3aP<br/>24" X 18"</div></div> <div>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS.<br/>ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</div> <div>#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH.<br/>ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</div>                                                                                                                                                                                            | NO REQUIRED STATIONARY SIGNING FOR THE<br>FOLLOWING -Y- LINE CONDITIONS:<br><br>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE<br>2) SUBDIVISION ROADS<br>3) DEAD END ROADS<br><br>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS<br>AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS<br>SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW.<br>REMOVE UPON COMPLETION OF WORK. |
|                                              | <div>3</div> <div><div>LOW/SOFT<br/>SHOULDER</div><div>SP 13107<br/>48" X 48"</div></div> <div>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART<br/>THEREAFTER.<br/>- AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION<br/>AND SPACE 1 MILE APART THEREAFTER.</div>                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                        |
|                                              | <div>4</div> <div><div>ROAD<br/>UNDER<br/>CONST</div><div>SP 13106<br/>48" X 48"</div></div> <div>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.<br/>- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.<br/>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.<br/>- FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS,<br/>TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH.<br/>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES<br/>ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.<br/>- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION<br/>ALONG -L- LINE.</div> |                                                                                                                                                                                                                                                                                                                                                                                        |
|                                              | <div>5</div> <div><div>END<br/>ROAD<br/>WORK</div><div>G20-2 A<br/>48" X 24"</div></div> <div>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN<br/>WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                        |
|                                              | THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY<br>ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE<br>START OF CONTRACT WORK.                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                        |

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

|                                                                                                                  |                                                                                     |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <div><div>DIVISION OF HIGHWAYS</div><div>STATE OF NORTH CAROLINA</div><div>WORK ZONE TRAFFIC CONTROL</div></div> | ADVANCE WARNING SIGNS<br>FOR<br>RURAL AND SUBURBAN<br>2-LANE ROADWAY<br>RESURFACING |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|