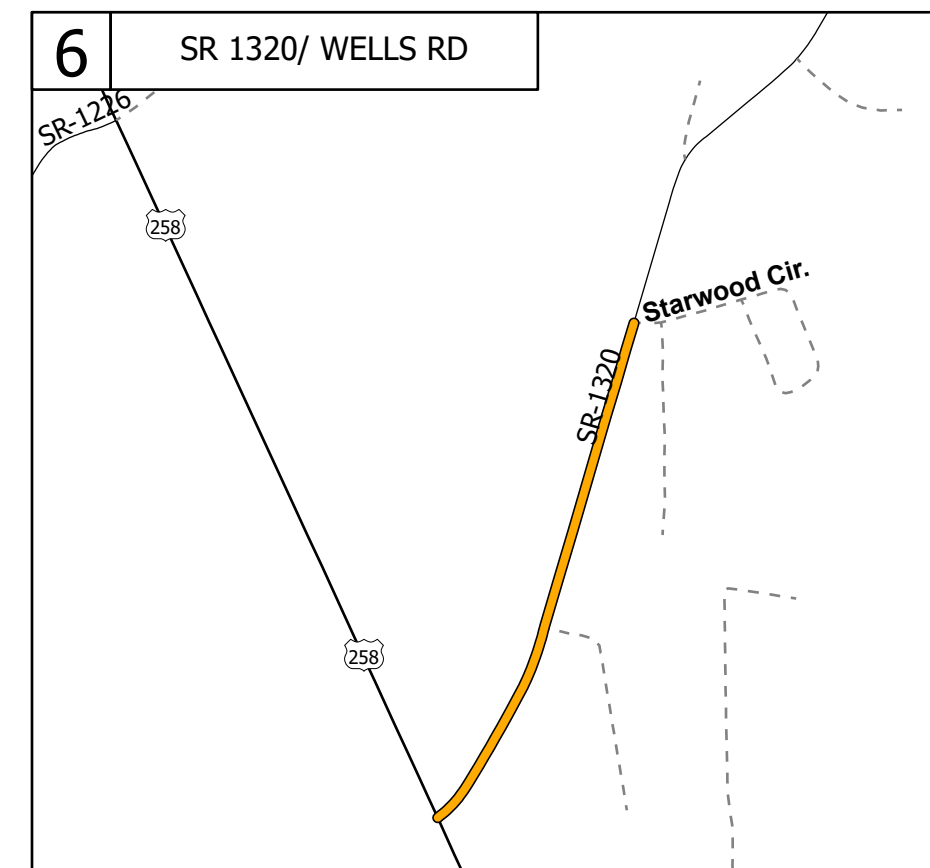
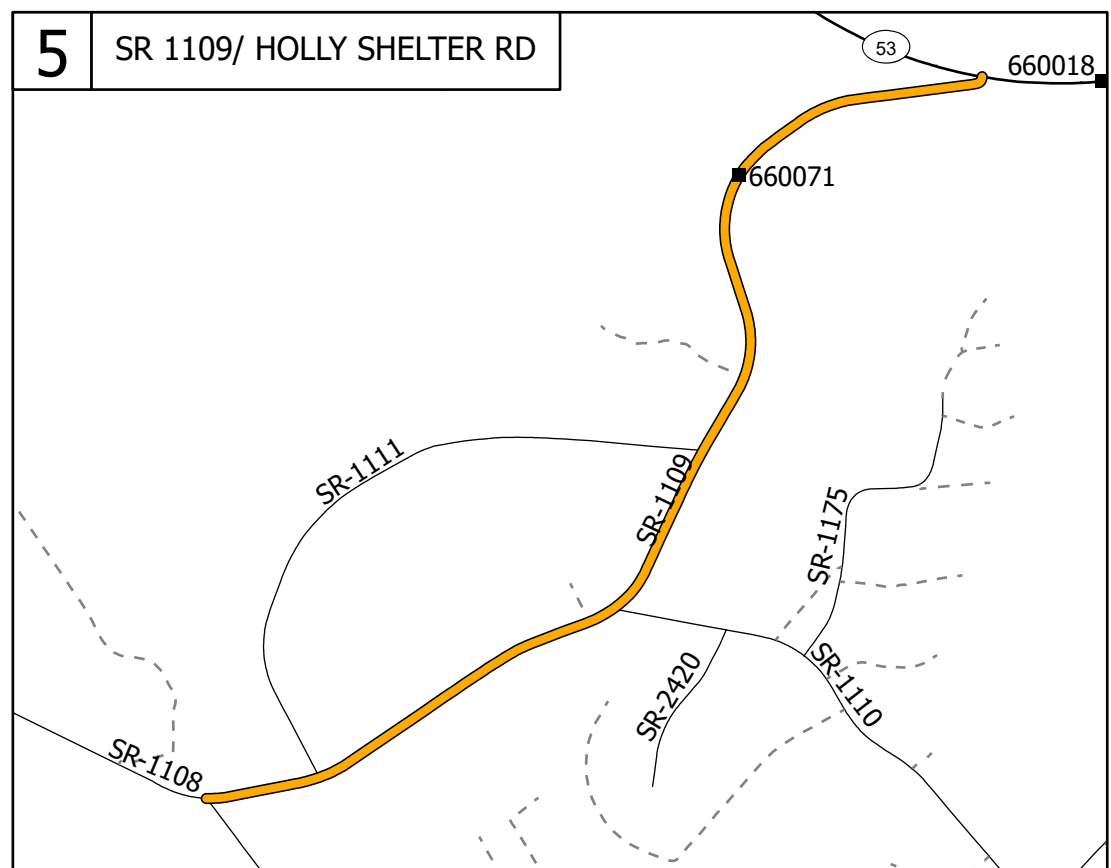
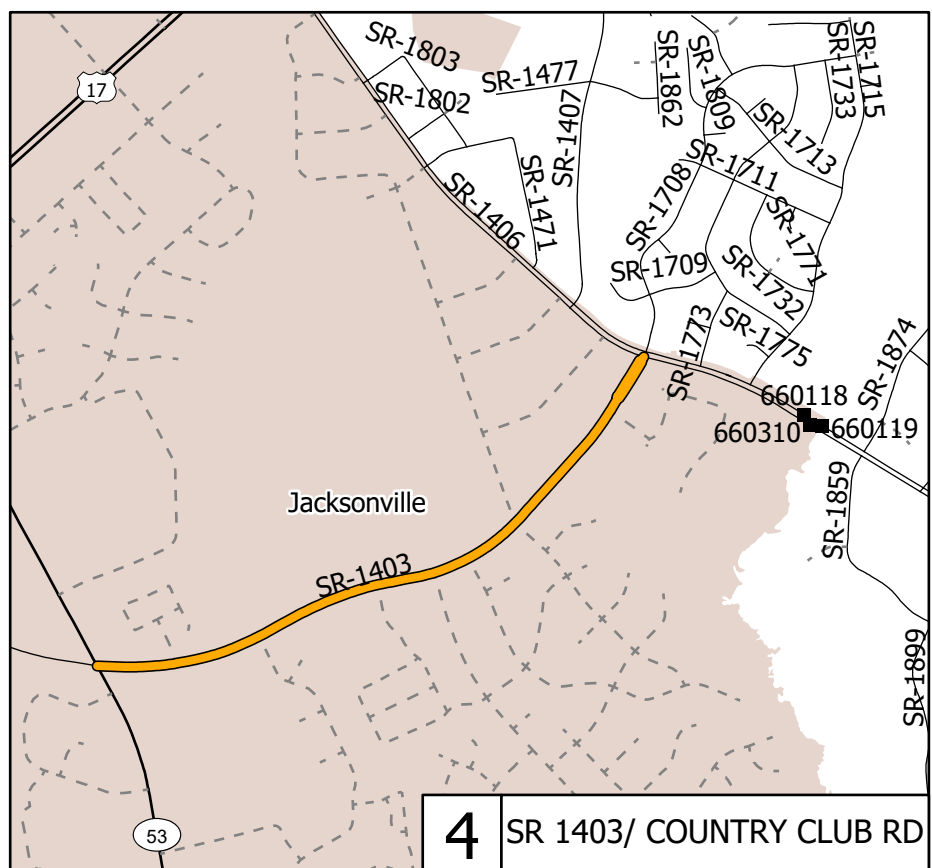
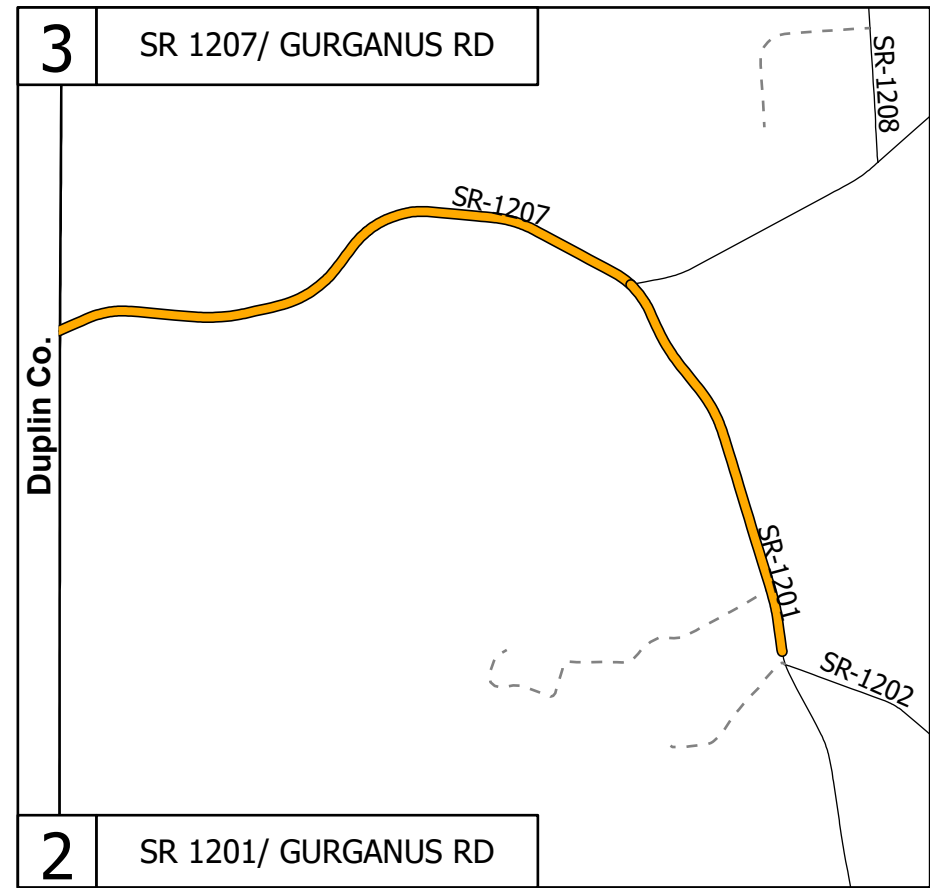
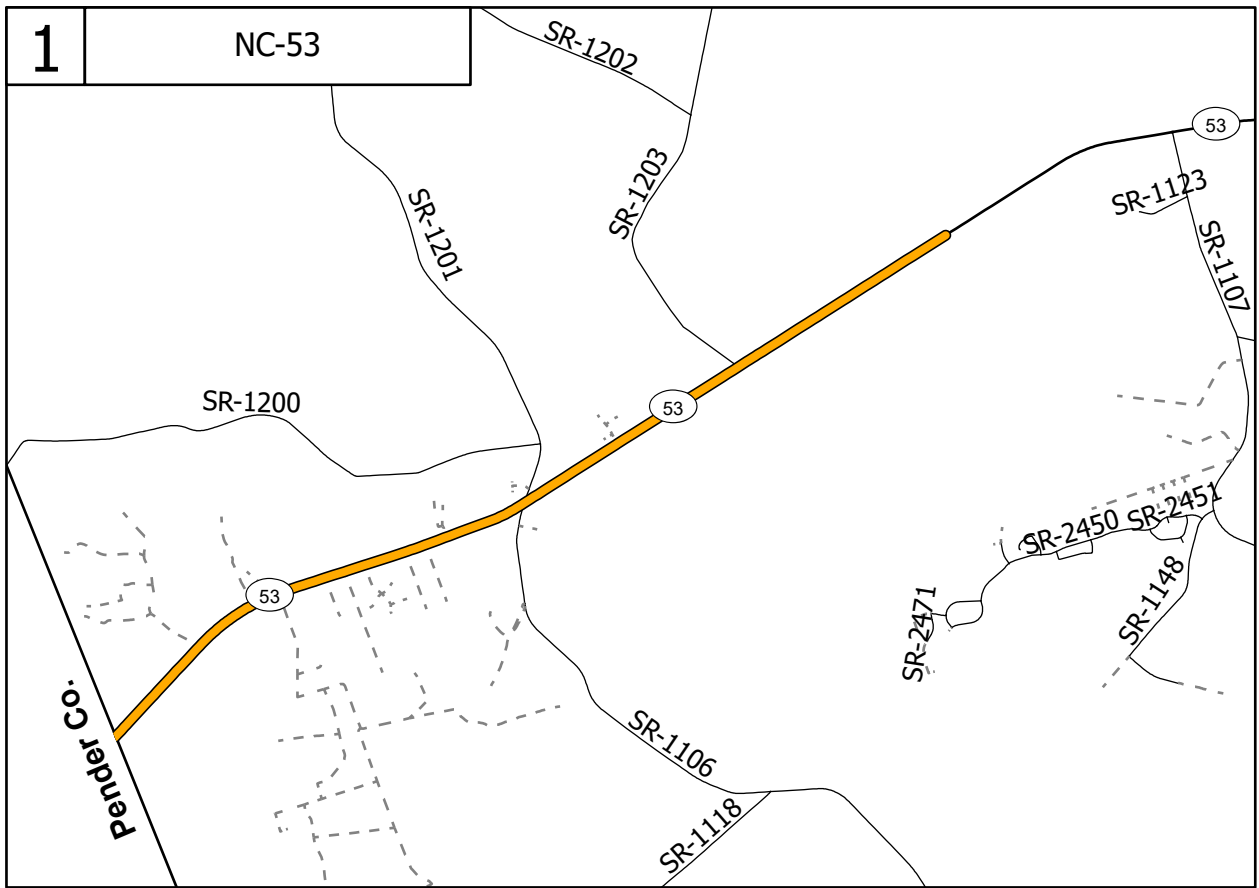
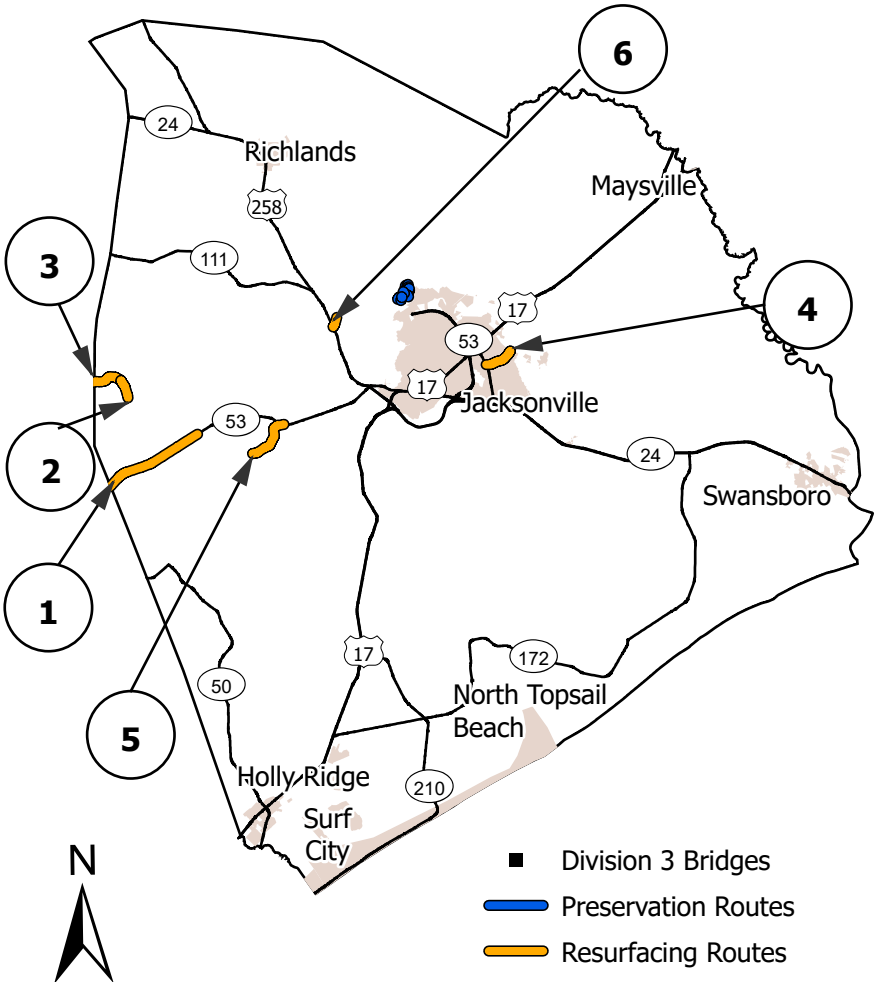


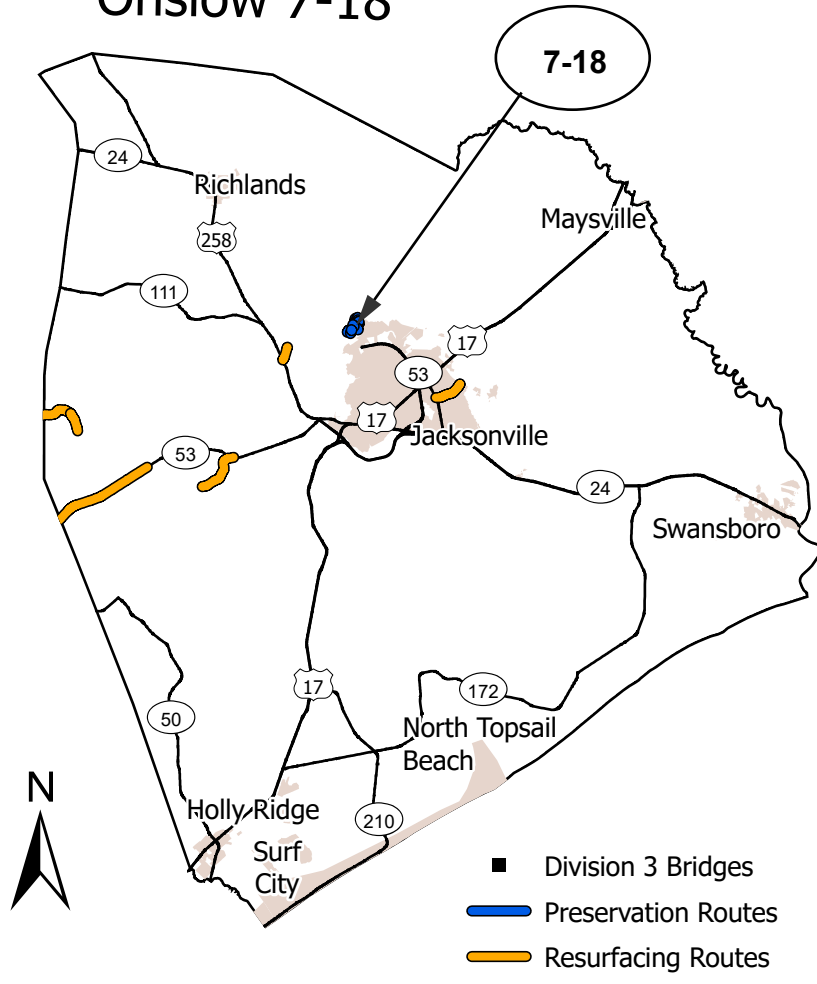
Onslow 1-6

| | |
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| PROJECT REFERENCE NO. | SHEET NO. |
| 2024CPT.03.04.10671, ETC. | 1 |

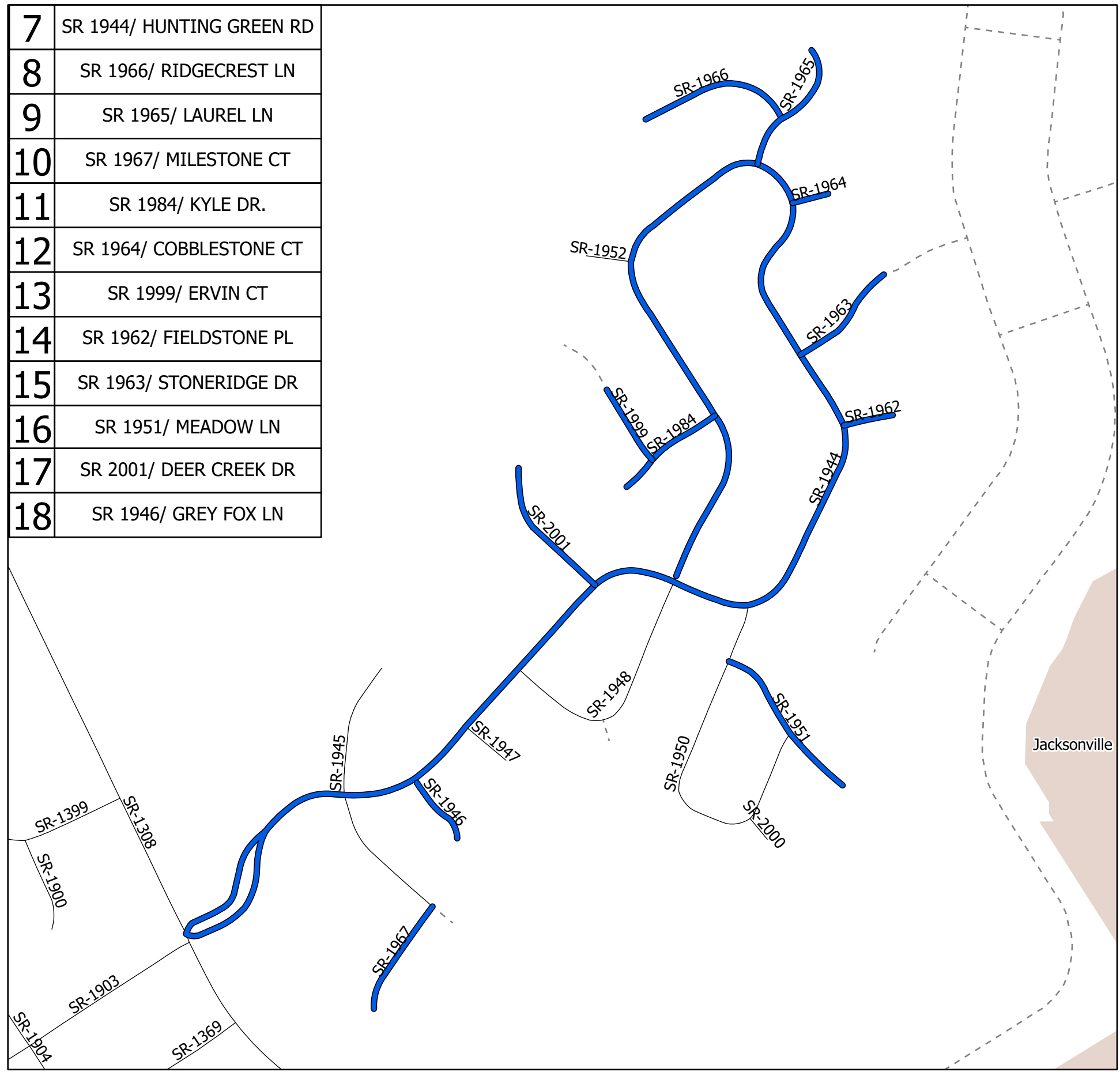


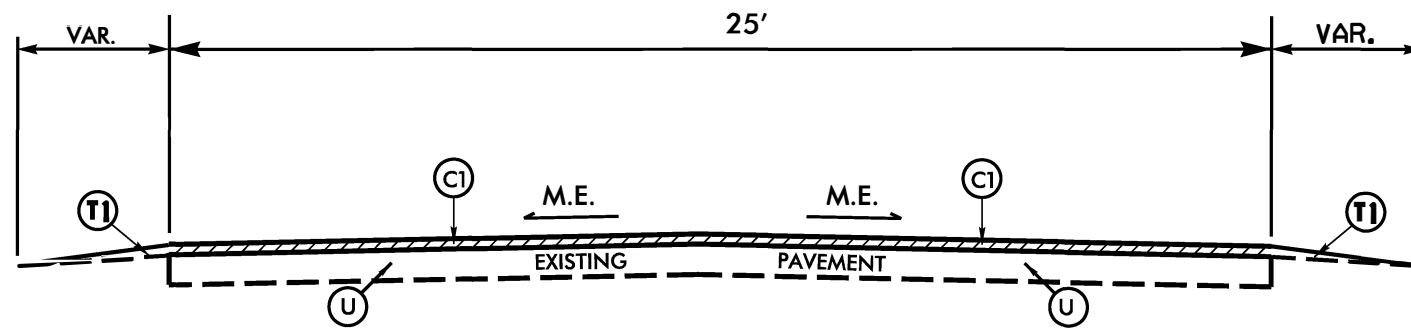
Onslow 7-18

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| PROJECT REFERENCE NO. | SHEET NO. |
| 2024CPT.03.04.10671, ETC. | 2 |



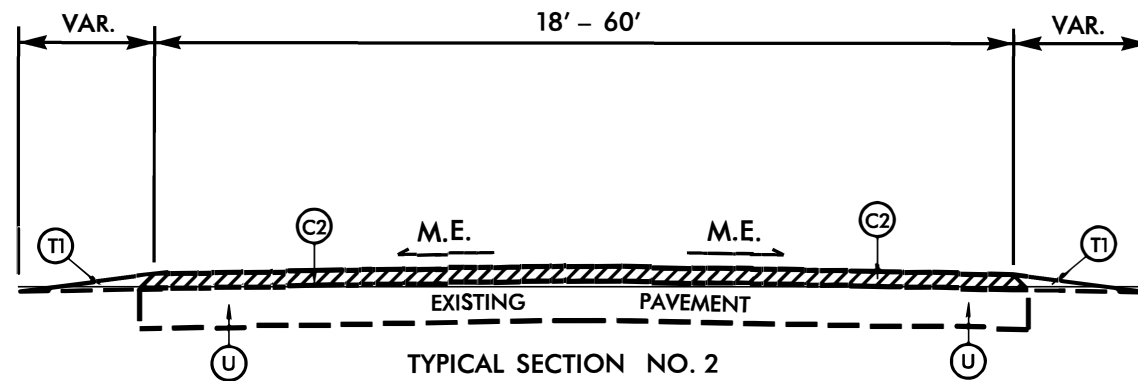
| | |
|----|---------------------------|
| 7 | SR 1944/ HUNTING GREEN RD |
| 8 | SR 1966/ RIDGECREST LN |
| 9 | SR 1965/ LAUREL LN |
| 10 | SR 1967/ MILESTONE CT |
| 11 | SR 1984/ KYLE DR. |
| 12 | SR 1964/ COBBLESTONE CT |
| 13 | SR 1999/ ERVIN CT |
| 14 | SR 1962/ FIELDSTONE PL |
| 15 | SR 1963/ STONERIDGE DR |
| 16 | SR 1951/ MEADOW LN |
| 17 | SR 2001/ DEER CREEK DR |
| 18 | SR 1946/ GREY FOX LN |





TYPICAL SECTION NO. 1

MAP NO. 1
NC 53 HWY.
MP 20.50 – MP 24.94



TYPICAL SECTION NO. 2

| PAVEMENT SCHEDULE | |
|-------------------|---|
| C1 | PROP. APPROX. 1 1/2" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD. |
| C2 | PROP. APPROX. 1 1/2" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD. |
| C3 | PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ.YD. |
| R1 | EXISTING 2'6" CURB & GUTTER |
| T1 | EARTH MATERIAL (SHOULDER RECONSTRUCTION) |
| U | EXISTING PAVEMENT |
| V1 | VARIABLE MILLING, 0" – 1 1/2" DEPTH |

NOTES: MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.

SHOULDER WORK ON MAP NO. 1 – 6 AS NEEDED, TO BE DETERMINED BY ENGINEER.

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

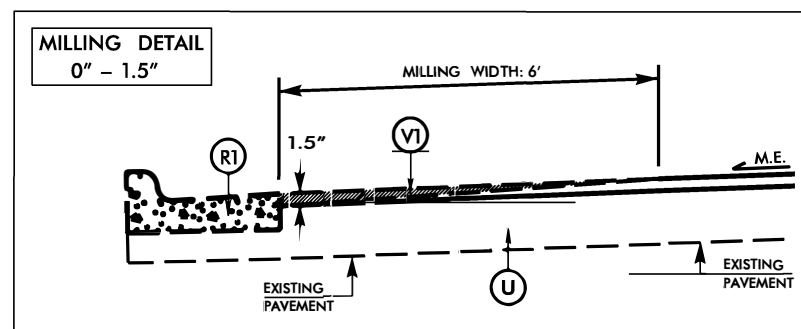
MAP NO. 2
SR 1201 (GURGANUS RD.)
MP 3.11 – MP 3.93

MAP NO. 3
SR 1207 (GURGANUS RD.)
MP 1.90 – MP 3.19

MAP NO. 4
SR 1403 (COUNTRY CLUB RD.)
MP 0.00 – MP 1.24
** ALSO SEE MILLING DETAIL

MAP NO. 5
SR 1109 (HOLLY SHELTER RD.)
MP 0.00 – MP 1.60
MP 1.62 – MP 2.08
NO ASPHALT WORK
ON ONSLOW BRIDGE NO. 071
MP 1.60 – MP 1.62

MAP NO. 6
SR 1320 (WELLS RD.)
MP 2.76 – MP 3.18



** VARIABLE MILLING AT 2'6" CURB & GUTTER

SR 1403 (COUNTRY CLUB RD.)
MP 0.75 – MP 0.80 LT SIDE
MP 0.81 – MP 0.86 RT SIDE
MP 0.99 – MP 1.24 LT & RT SIDE

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

DIVISION 12 - PVT MARKING, MARKERS AND DELINEATION
1205.08 Pavement Markings - Symbols & Word Messages

EFF.01-16-2018
REV.

REVISIONS

8/17/99

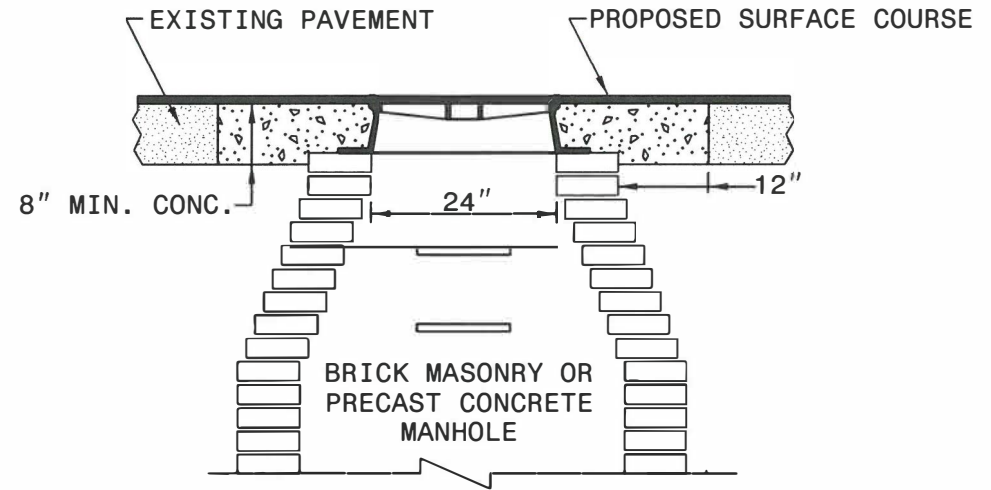
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

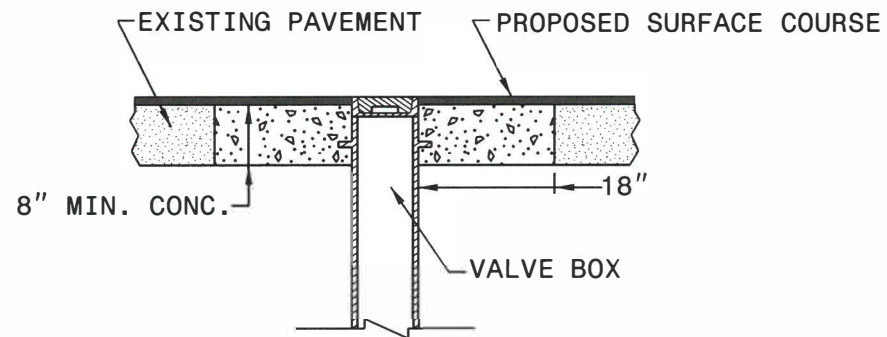
SHEET 1 OF 1
840D55

GENERAL NOTES:

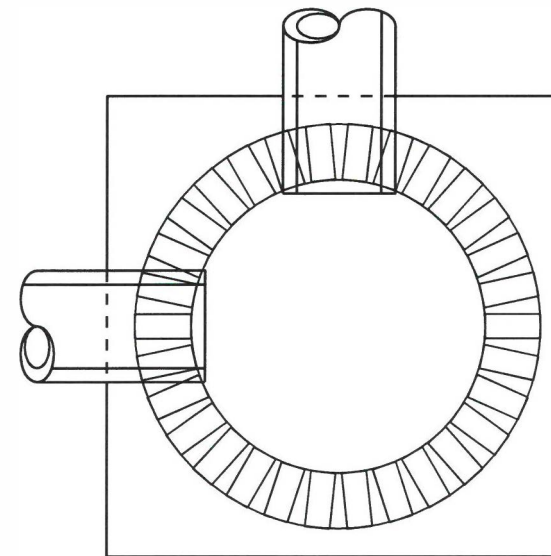
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL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

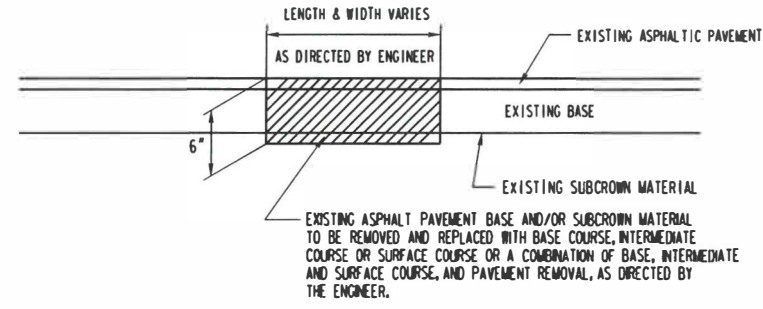
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

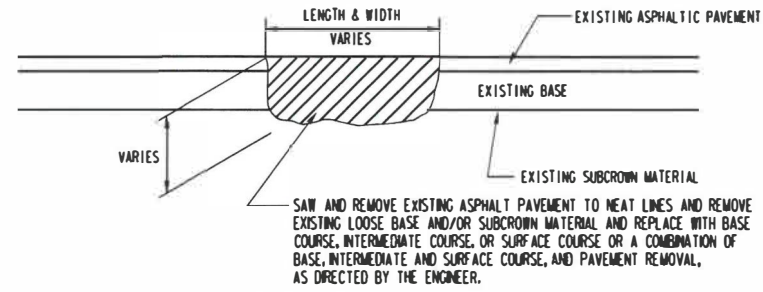
SHEET 1 OF 1
840D55

28-NOV-2017 10:49
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 8/17/99
 REVISIONS
 2000\CADD_Specs_Dwg_Typical_Curb_Etc.dwg

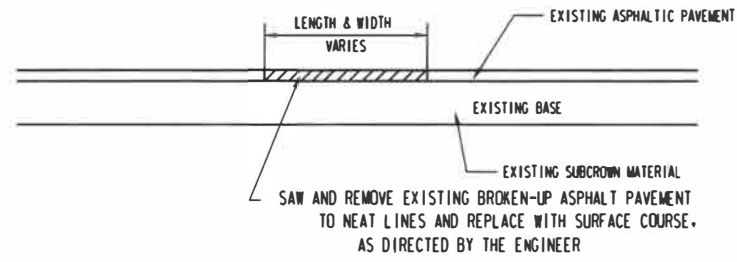
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



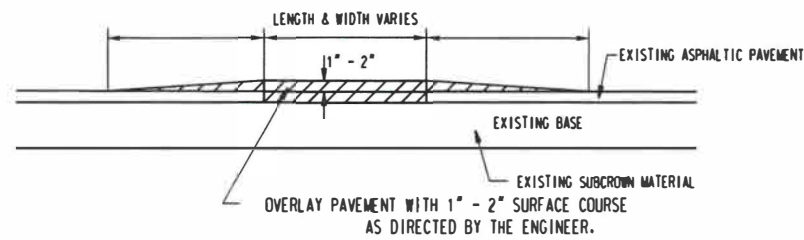
DETAIL NO. 1



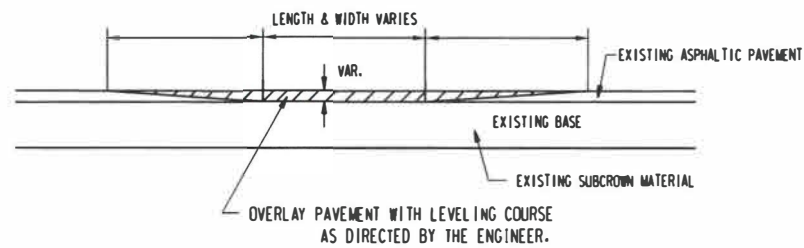
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4

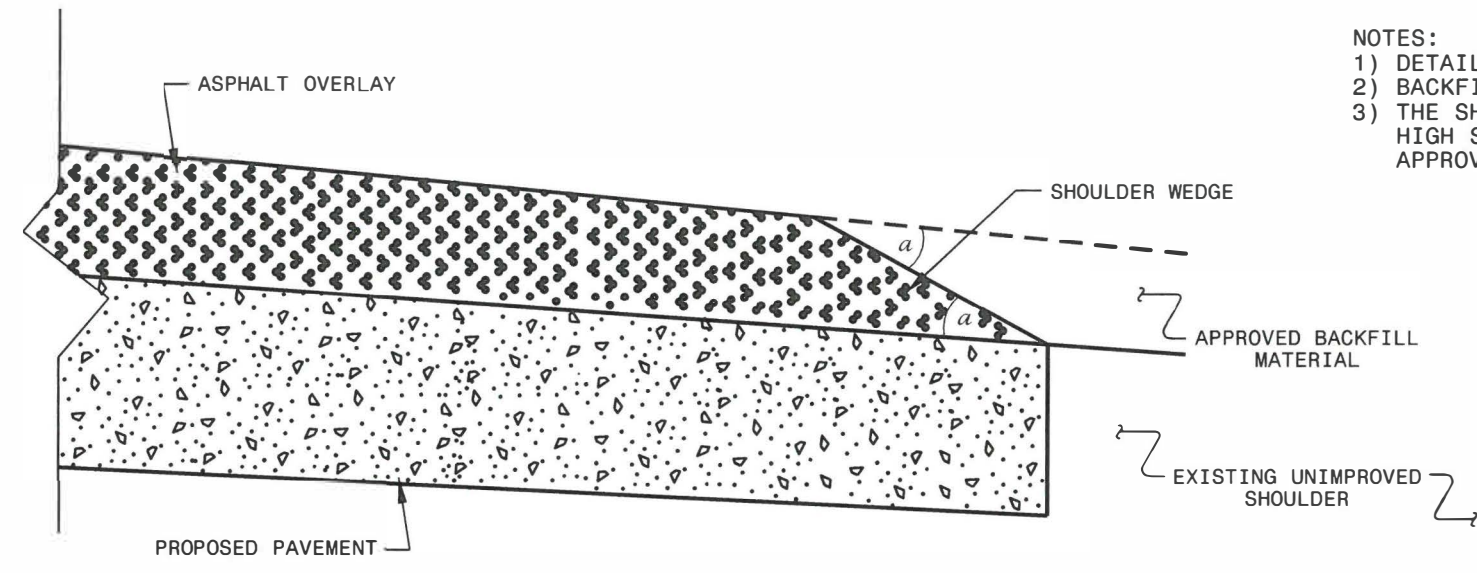


DETAIL NO. 5

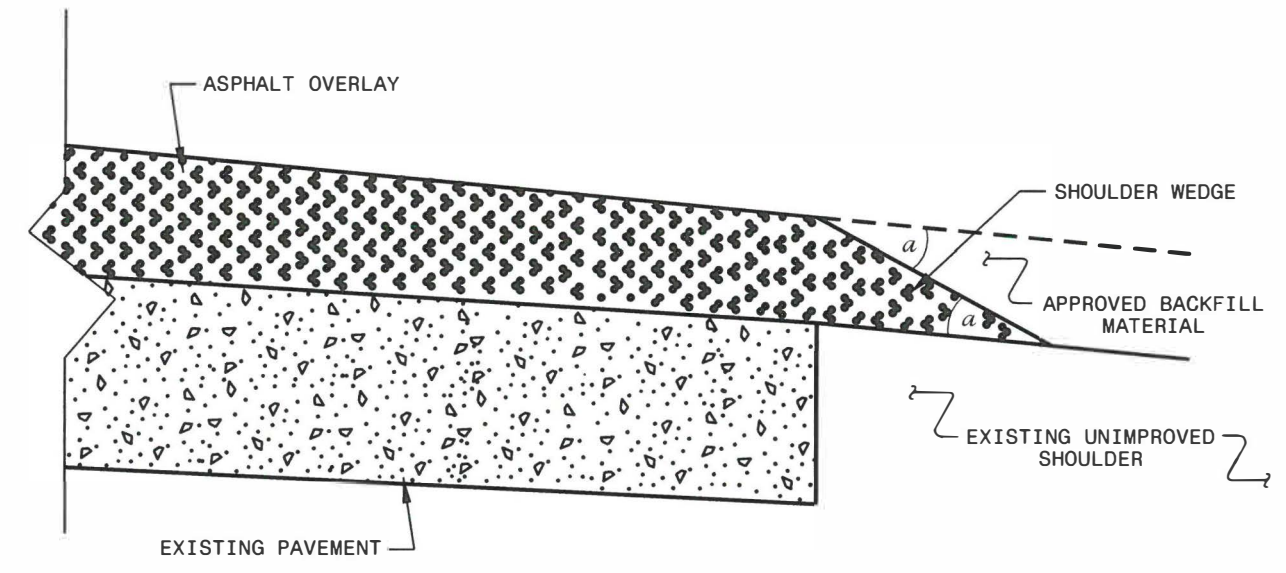
REVISIONS

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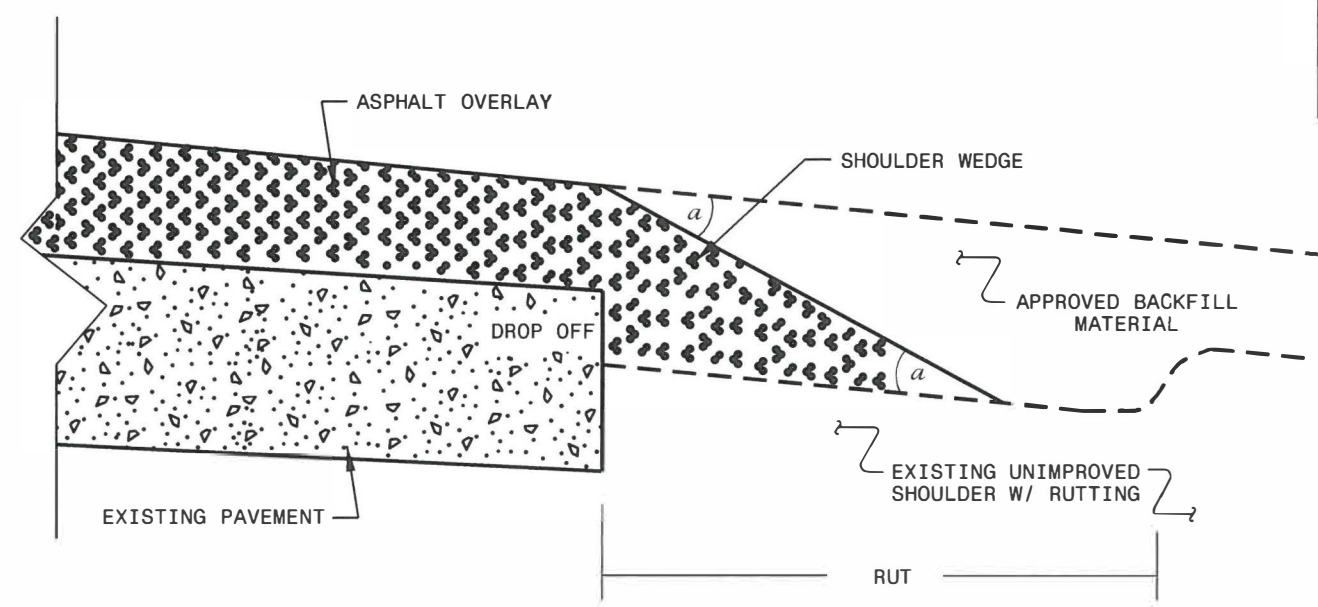
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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°

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

27-JUN-2018 13:52
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 P:\porter AT CSD-242542

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

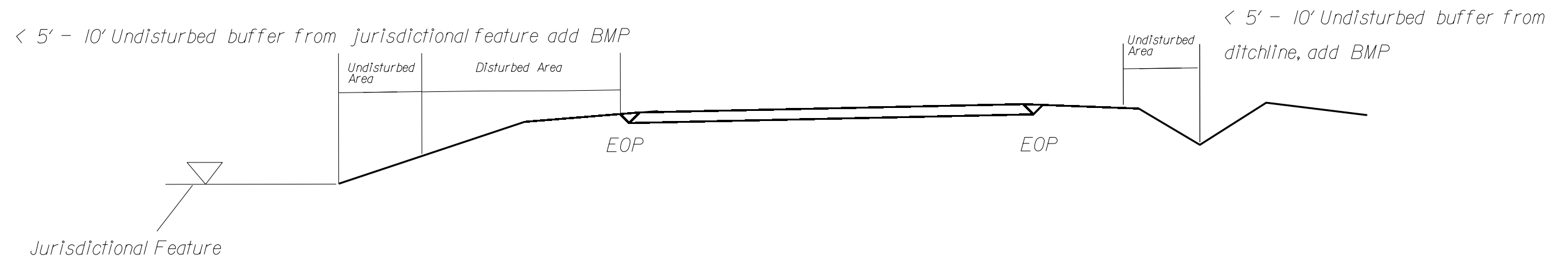
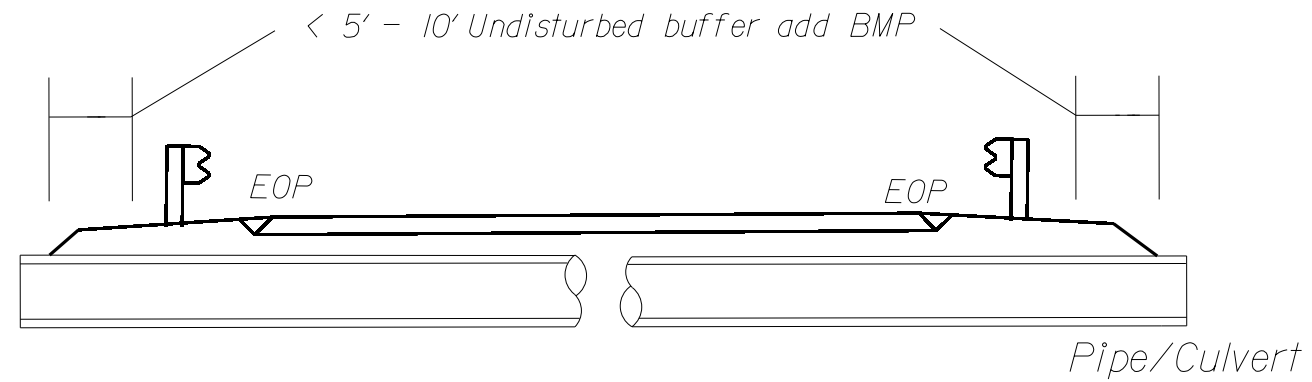
SOIL STABILIZATION TIMEFRAMES

| <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

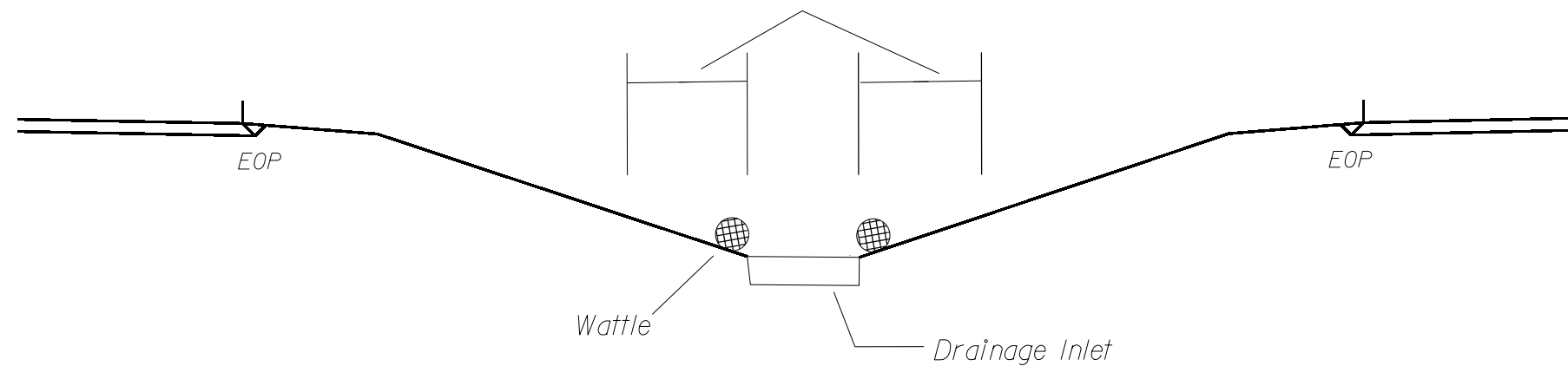
EROSION CONTROL DETAIL



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

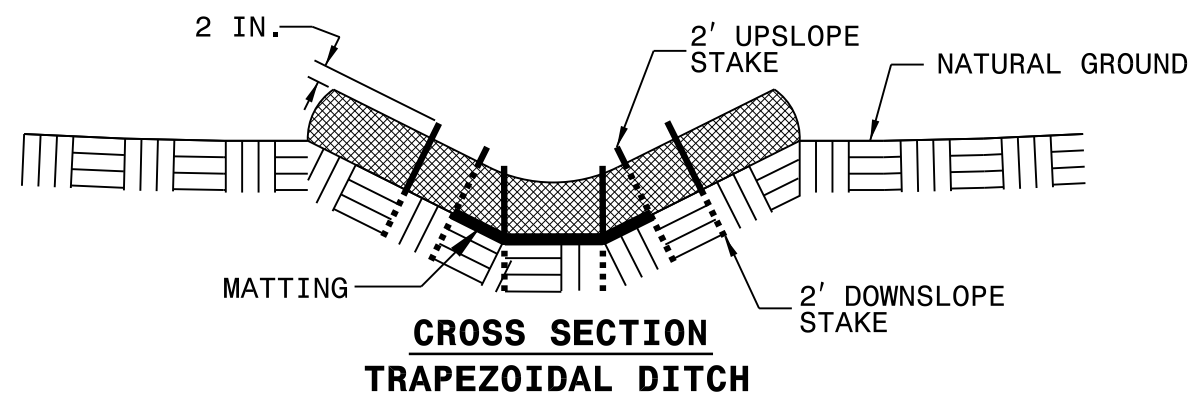
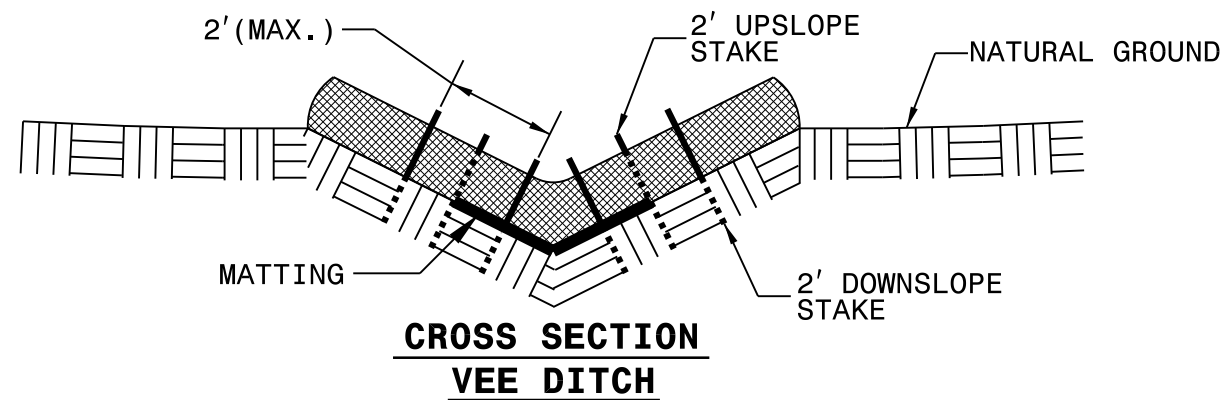
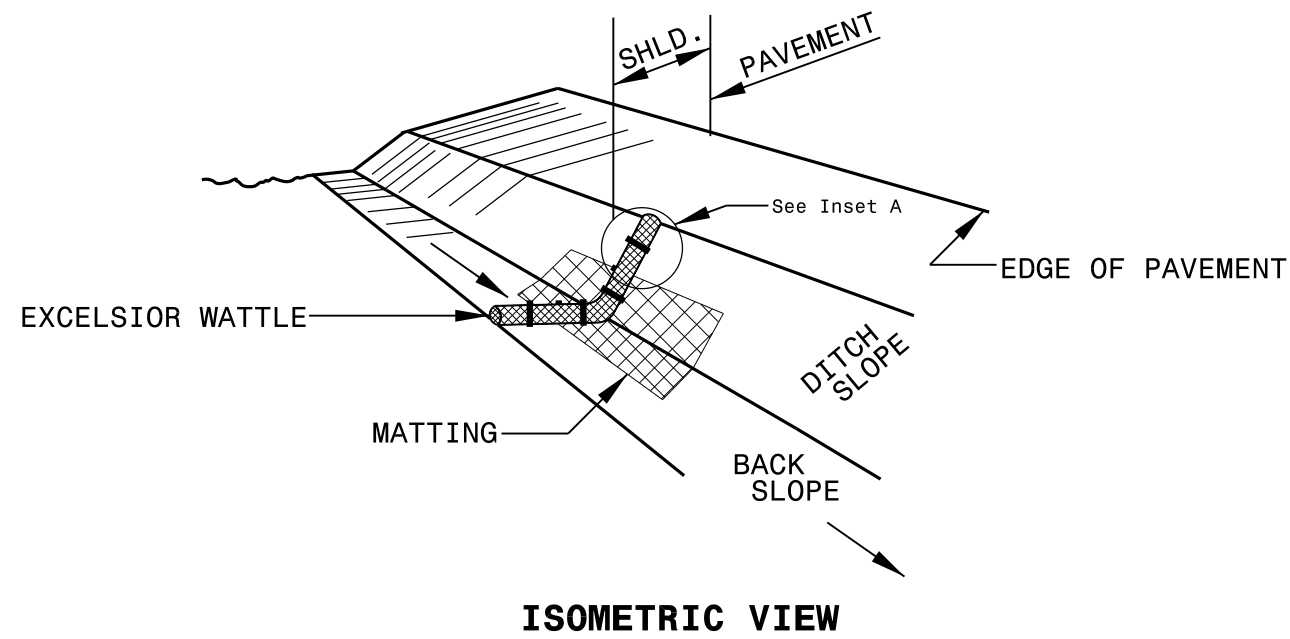


< 5' - 10' Undisturbed buffer from inlet, add wattle



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.

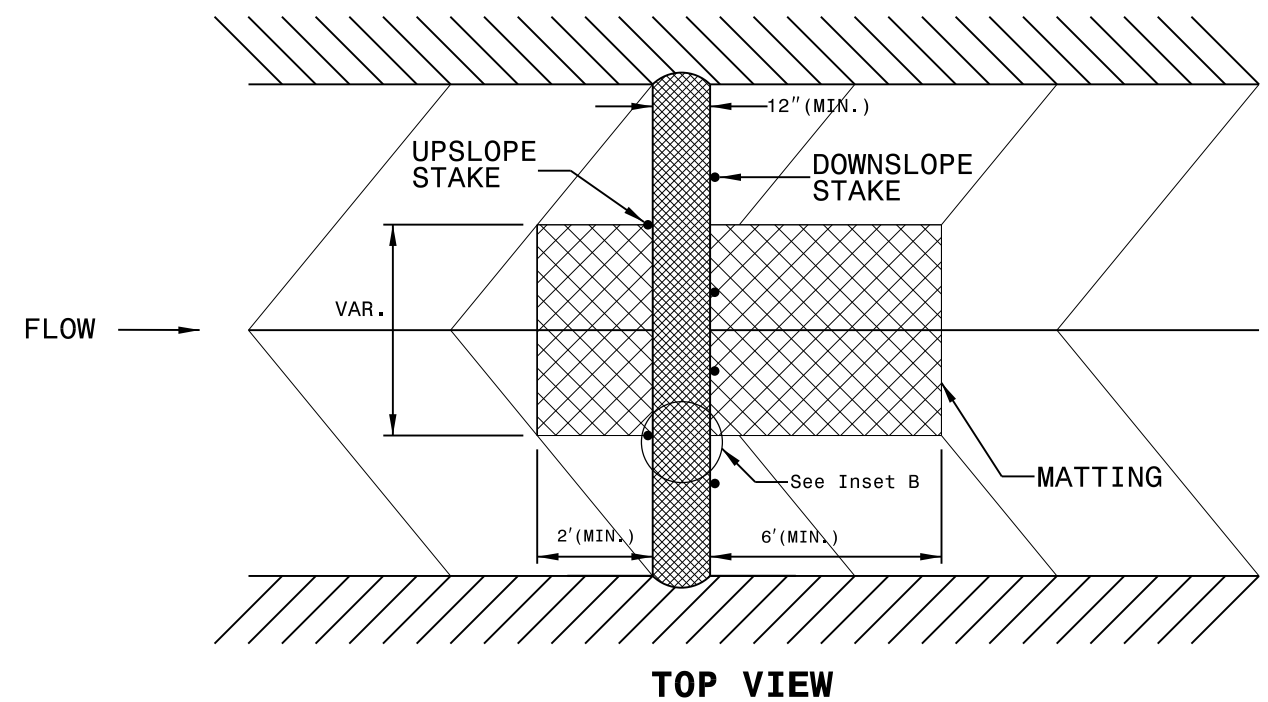
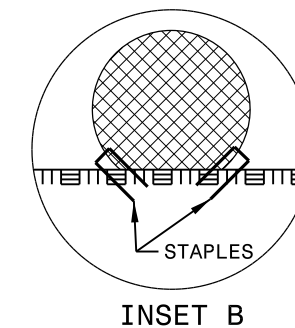
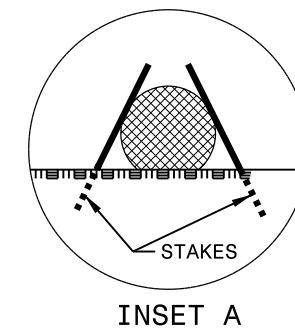
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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.



I:\FEB-2015\1141\01\Resurfacing\Plan_Sheets\3CR.20711.173. EC RESURF. 2015.dgn

| | |
|---------------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 2024CPT.03.04.10671, Etc. | 8 |

SUMMARY OF QUANTITIES

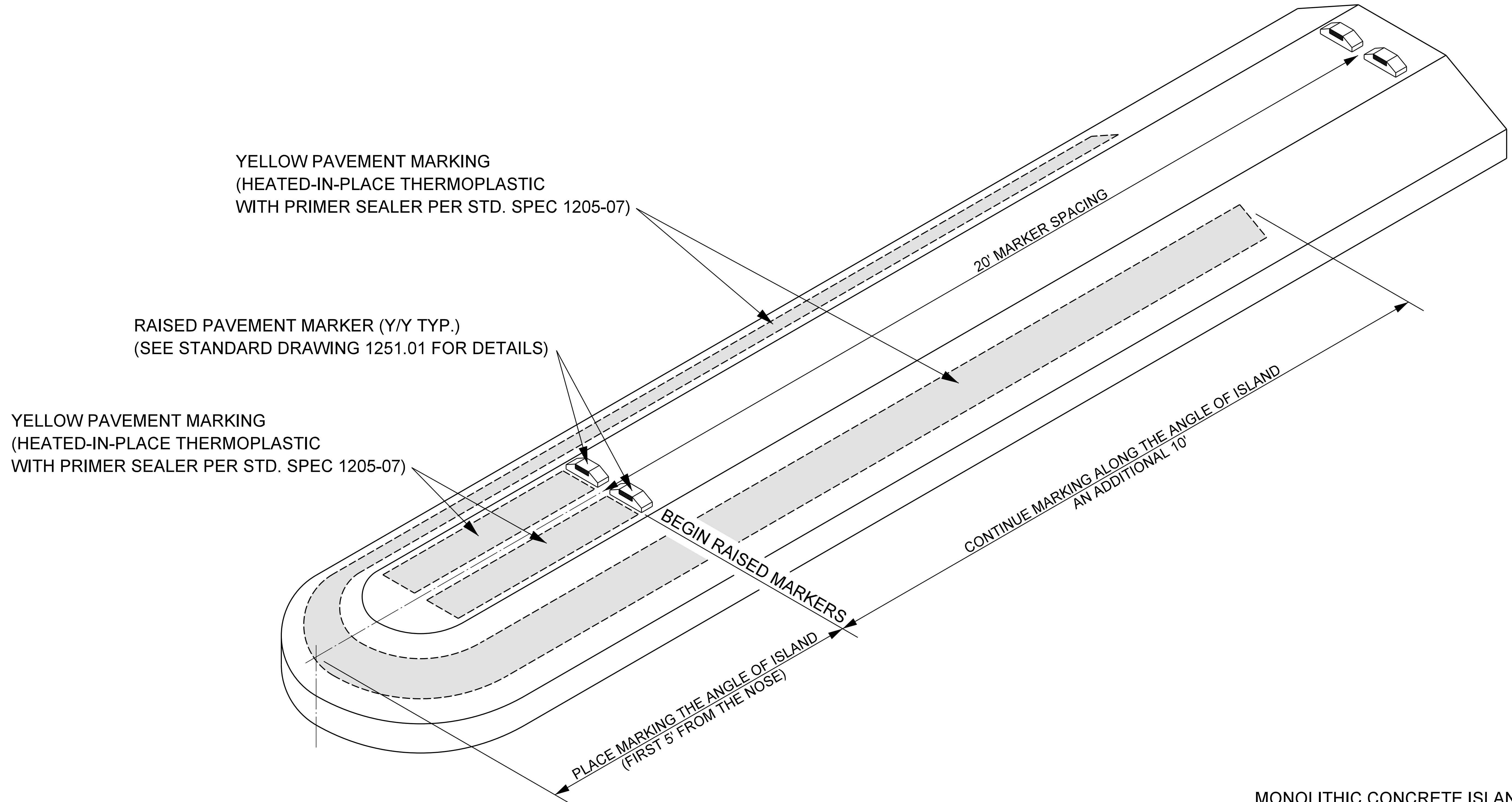
| PROJECT NO | COUNTY | MAP NO | ROUTE | DESCRIPTION | TYP NO | LANES | LANE TYPE | FINAL SURFACE TESTING REQUIRED | WARM MIX ASPHALT REQUIRED | LENGTH | WIDTH | BEGIN MP | END MP | 0106000000-E | 1220000000-E | 1245000000-E | 1260000000-E | 1308000000-E | 1330000000-E | 1519000000-E | 1520000000-E | 1523000000-E | 1575000000-E | 1705000000-E | 1705500000-E | 2830000000-N | 2845000000-N | 5255000000-N | 6000000000-E | | | | | | | |
|--|--------|--------|----------------------------|---|--------|-------|-----------|--------------------------------|---------------------------|--------|-------|----------|--------|-------------------|-----------------------|-------------------------|---------------------------|-----------------------------|--------------------|------------------------|-------------------------|------------------------|------------------------------|---|-----------------------------------|------------------------|----------------------------------|-------------------|----------------------|-------|-----|----|-----|-----|-----|--|
| | | | | | | | | | | | | | | BORROW EXCAVATION | INCIDENTAL STONE BASE | SHOULDER RECONSTRUCTION | AGGREGATE SHOULDER BORROW | 0" - 1.5" MILLING (GENERIC) | INCIDENTAL MILLING | SURFACE COURSE, \$9.5B | LEVELING COURSE, \$9.5B | SURFACE COURSE, \$9.5C | ASPHALT BINDER FOR PLANT MIX | PATCHING EXISTING PAVEMENT (FULL DEPTH) | PATCHING EXISTING PAVEMENT (MILL) | ADJUSTMENT OF MANHOLES | ADJUSTMENT OF METER OR VALVE BOX | PORTABLE LIGHTING | TEMPORARY SILT FENCE | | | | | | | |
| | | | | | | | | | | | | | | MI | FT | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | CY | TON | SMI | TON | SY | SY | TON | TON | TON | TON | TON | EA | EA | LS | LF | | | | | | | | |
| 2024CPT.03.04.10671 | Onslow | 1 | NC-53 | FROM 1.14 MI W OF SR 1107 (HARRIS CREEK RD) TO PENDER COUNTY LINE [MP 20.50 - MP 24.94] | 1 | 2 | | NO | NO | 4.44 | 25 | 20.5 | 24.94 | | 114 | 8.89 | 2,225 | | 1,515 | | | 6,003 | 368 | | 279 | | | 1 | | | 100 | | | | | |
| TOTAL FOR MAP NO. 1 | | | | | | | | | | 4.44 | | | | | 114 | 8.89 | 2,225 | | 1,515 | | | 6,003 | 368 | | 279 | | | 1 | | | 100 | | | | | |
| TOTAL FOR PROJ NO. 2024CPT.03.04.10671 | | | | | | | | | | 4.44 | | | | | 114 | 8.89 | 2,225 | | 1,515 | | | 6,003 | 368 | | 279 | | | 1 | | | | | | | 100 | |
| 2024CPT.03.04.20671 | Onslow | 2 | SR-1201 / GURGANUS RD | FROM SR 1202 (SWINSON RD) TO SR 1207 (HEWITT RD.) [MP 3.11 - MP 3.93] | 2 | 2 | 2WU | NO | NO | 0.82 | 18 | 3.11 | 3.93 | | 34 | 1.64 | 425 | | 200 | | 803 | 10 | | 58 | | | 113 | | | 90 | | | | | | |
| TOTAL FOR MAP NO. 2 | | | | | | | | | | 0.82 | | | | | 34 | 1.64 | 425 | | 200 | | 803 | 10 | | 58 | | | 113 | | | | | | 90 | | | |
| 2024CPT.03.04.20671 | Onslow | 3 | SR-1207 / GURGANUS RD | FROM SR 1207 (HEWITT RD) TO DUPLIN CO LINE [MP 1.90 - MP 3.19] | 2 | 2 | 2WU | NO | NO | 1.29 | 18 | 1.9 | 3.19 | | 30 | 2.42 | 605 | | 125 | | 1,209 | 10 | | 89 | | | 213 | | | 125 | | | | | | |
| TOTAL FOR MAP NO. 3 | | | | | | | | | | 1.29 | | | | | 30 | 2.42 | 605 | | 125 | | 1,209 | 10 | | 89 | | | 213 | | | | | | 125 | | | |
| 2024CPT.03.04.20671 | Onslow | 4 | SR-1403 / COUNTRY CLUB RD | FROM SR 1406 (PINEY GREEN RD) TO NC HWY 53 (WESTERN BLVD) [MP 0.00 - MP 1.24] | 2 | 2 | 2WU | NO | NO | 1.24 | 30 | 0 | 1.24 | | 125 | 2 | 1.55 | | 2,176 | | 2,073 | | | 151 | | | 336 | | 11 | 1 | 75 | | | | | |
| TOTAL FOR MAP NO. 4 | | | | | | | | | | 1.24 | | | | | 125 | 2 | 1.55 | | 2,176 | | 2,073 | | | 151 | | | 336 | | 11 | 1 | 75 | | | | | |
| 2024CPT.03.04.20671 | Onslow | 5 | SR-1109 / HOLLY SHELTER RD | FROM SR 1108 (KING RD) TO NC HWY 53 (BURGAW HWY) [MP 0.00 - MP 2.08] | 2 | 2 | 2WU | NO | NO | 2.08 | 20 | 0 | 2.08 | | 142 | 4.20 | 1,050 | | | 1,005 | 2,190 | | | 147 | | | 100 | | 2 | 210 | | | | | | |
| TOTAL FOR MAP NO. 5 | | | | | | | | | | 2.08 | | | | | 142 | 4.20 | 1,050 | | 1,005 | 2,190 | | | 147 | | | 100 | | 2 | 210 | | | | | | | |
| 2024CPT.03.04.20671 | Onslow | 6 | SR-1320 / WELLS RD | FROM EXISTING PAVEMENT SEAM TO US HWY 258 (RICHLANDS HWY) [MP 2.76 - MP 3.18] | 2 | 2 | 2WU | NO | NO | 0.42 | 20 | 2.76 | 3.18 | | 65 | 32 | 0.84 | | 1,458 | | 448 | 10 | | 33 | | | 76 | | | 40 | | | | | | |
| TOTAL FOR MAP NO. 6 | | | | | | | | | | 0.42 | | | | | 65 | 32 | 0.84 | | 1,458 | | 448 | 10 | | 33 | | | 76 | | | | | | 40 | | | |
| TOTAL FOR PROJ NO. 2024CPT.03.04.20671 | | | | | | | | | | 5.85 | | | | | 190 | 240 | 10.65 | | 2,080 | | 2,176 | | 2,788 | 6,723 | 30 | | 478 | | | 838 | | | 13 | 1 | 540 | |
| 2024CPT.03.04.20672 | Onslow | 7 | SR-1944 / HUNTING GREEN RD | FROM SR 1308 (GUM BRANCH RD) TO SR 1944 (HUNTING GREEN RD) [MP 0.00 - MP 1.26] | 3 | 2 | 2WU | NO | NO | 1.26 | 29 | 0 | 1.26 | | | | | | | | 1,218 | 50 | | 92 | | | 200 | 35 | 4 | | | | | | | |
| TOTAL FOR MAP NO. 7 | | | | | | | | | | 1.26 | | | | | | | | | | 1,218 | 50 | | 92 | | | 200 | 35 | 4 | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 8 | SR-1966 / RIDGECREST LN | FROM SR 1965 (LAUREL LN) TO CUL-DE-SAC [MP 0.00 - MP 0.11] | 3 | 2 | 2WU | NO | NO | 0.11 | 27 | 0 | 0.11 | | | | | | | | 101 | | | 7 | | | | 3 | | | | | | | | |
| TOTAL FOR MAP NO. 8 | | | | | | | | | | 0.11 | | | | | | | | | | 101 | | | 7 | | | | 3 | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 9 | SR-1965 / LAUREL LN | FROM SR 1944 (HUNTING GREEN DR) TO CUL-DE-SAC [MP 0.00 - MP 0.10] | 3 | 2 | 2WU | NO | NO | 0.10 | 28 | 0 | 0.1 | | | | | | | | 95 | | | 6 | | | 4 | 1 | | | | | | | | |
| TOTAL FOR MAP NO. 9 | | | | | | | | | | 0.10 | | | | | | | | | | 95 | | | 6 | | | 4 | 1 | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 10 | SR-1967 / MILESTONE CT | FROM SR 1945 (HEARTHSTONE DR) TO CUL-DE-SAC [MP 0.00 - MP 0.09] | 3 | 2 | 2WU | NO | NO | 0.09 | 28 | 0 | 0.09 | | | | | | 30 | | 101 | | | 7 | | | 2 | 2 | | | | | | | | |
| TOTAL FOR MAP NO. 10 | | | | | | | | | | 0.09 | | | | | | | | | 30 | | 101 | | | 7 | | | 2 | 2 | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 11 | SR-1984 / KYLE DR | FROM SR 1944 (HUNTING GREEN DR) TO CUL-DE-SAC [MP 0.00 - MP 0.08] | 3 | 2 | 2WU | NO | NO | 0.08 | 27 | 0 | 0.08 | | | | | | | | 84 | | | 6 | | | 10 | 3 | 2 | | | | | | | |
| TOTAL FOR MAP NO. 11 | | | | | | | | | | 0.08 | | | | | | | | | | 84 | | | 6 | | | 10 | 3 | 2 | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 12 | SR-1964 / COBBLESTONE CT | FROM SR 1944 (HUNTING GREEN DR) TO CUL-DE-SAC [MP 0.00 - MP 0.03] | 3 | 2 | 2WU | NO | NO | 0.03 | 26 | 0 | 0.03 | | | | | | | | 37 | | | 3 | | | 20 | 1 | | | | | | | | |
| TOTAL FOR MAP NO. 12 | | | | | | | | | | 0.03 | | | | | | | | | | 37 | | | 3 | | | 20 | 1 | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 13 | SR-1999 / ERVIN CT | FROM SR 1984 (KYLE CT) TO CUL-DE-SAC [MP 0.00 - MP 0.06] | 3 | 2 | 2WU | NO | NO | 0.06 | 29 | 0 | 0.06 | | | | | | | | 59 | 15 | | 5 | | | 2 | 2 | | | | | | | | |
| TOTAL FOR MAP NO. 13 | | | | | | | | | | 0.06 | | | | | | | | | | 59 | 15 | | 5 | | | 2 | 2 | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 14 | SR-1962 / FIELDSTONE PL | FROM SR 1944 (HUNTING GREEN DR) TO CUL-DE-SAC [MP 0.00 - MP 0.04] | 3 | 2 | 2WU | NO | NO | 0.04 | 28 | 0 | 0.04 | | | | | | | | 43 | 5 | | 3 | | | 1 | 2 | | | | | | | | |
| TOTAL FOR MAP NO. 14 | | | | | | | | | | 0.04 | | | | | | | | | | 43 | 5 | | 3 | | | 1 | 2 | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 15 | SR-1963 / STONERIDGE DR | FROM SR 1944 (HUNTING GREEN DR) TO END OF MAINTENANCE [MP 0.00 - MP 0.08] | 3 | 2 | 2WU | NO | NO | 0.08 | 34 | 0 | 0.08 | | | | | | | | 92 | | | 6 | | | 10 | 2 | | | | | | | | |
| TOTAL FOR MAP NO. 15 | | | | | | | | | | 0.08 | | | | | | | | | | 92 | | | 6 | | | 10 | 2 | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 16 | SR-1951 / MEADOW LN | FROM SR 1950 (FOX FIRE CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.12] | 3 | 2 | 2WU | NO | NO | 0.12 | 28 | 0 | 0.12 | | | | | | | | 135 | 20 | | 11 | 15 | | 3 | 2 | | | | | | | | |
| TOTAL FOR MAP NO. 16 | | | | | | | | | | 0.12 | | | | | | | | | | 135 | 20 | | 11 | 15 | | 3 | 2 | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 17 | SR-2001 / DEER CREEK DR | FROM SR 1944 (HUNTING GREEN DR) TO CUL-DE-SAC [MP 0.00 - MP 0.10] | 3 | 2 | 2WU | NO | NO | 0.10 | 28 | 0 | 0.1 | | | | | | | | 95 | | | 7 | 15 | | 3 | 2 | | | | | | | | |
| TOTAL FOR MAP NO. 17 | | | | | | | | | | 0.10 | | | | | | | | | | 95 | | | 7 | 15 | | 3 | 2 | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 18 | SR-1946 / GREY FOX LN | FROM SR 1944 (HUNTING GREEN DR) TO CUL-DE-SAC [MP 0.00 - MP 0.05] | 3 | 2 | 2WU | NO | NO | 0.05 | 28 | 0 | 0.05 | | | | | | | | 58 | 6 | | 4 | | | 1 | | | | | | | | | |
| TOTAL FOR MAP NO. 18 | | | | | | | | | | 0.05 | | | | | | | | | | 58 | 6 | | 4 | | | 1 | | | | | | | | | | |
| TOTAL FOR PROJ NO. 2024CPT.03.04.20672 | | | | | | | | | | 2.12 | | | | | | 0 | 2.12 | | | | | | 30 | 2,118 | 96 | | 157 | | 30 | 240 | | 60 | | 17 | | |
| GRAND TOTAL | | | | | | | | | | 12.41 | | | | | 190 | 354 | 19.54 | | 4,305 | | 2,176 | | 4,333 | 8,841 | 126 | | 6,003 | 1,003 | 30 | 1,357 | 60 | 31 | 1 | 640 | | |

| | |
|---------------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 2024CPT.03.04.10671, 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 | LENGTH | WIDTH | BEGIN MP | END MP | 609000000-E | 601200000-E | 601500000-E | 601800000-E | 602100000-E | 603600000-E | 604200000-E | 607101000-E | 608400000-E | 609000000-E | 609300000-E | 611700000-N | 744400000-E | | | | | |
|---|--------|--------|----------------------------|---|--------|-------|-----------|--------------------------------|---------------------------|--------|-------|----------|--------|----------------------|------------------------|--------------------|----------------------------|----------------------------------|-----------------------------|---------------------|-------------|-----------------|-------------------------|-------------------------------|------------------------------|-----------------------|-----|------|----|-----|--|
| | | | | | | | | | | | | | | 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 | SEED & MULCHING | SEED FOR REPAIR SEEDING | FERTILIZER FOR REPAIR SEEDING | RESPONSE FOR EROSION CONTROL | INDUCTIVE LOOP SAWCUT | | | | | |
| | | | | | | | | | | | | | | MI | FT | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | TON | TON | ACR | LBS | TON | SY | LF | LF | AC | LB | TON | EA | LF | | | | | |
| 2024CPT.03.04.10671 | Onslow | 1 | NC-53 | FROM 1.14 MI W OF SR 1107 (HARRIS CREEK RD) TO PENDER COUNTY LINE [MP 20.50 - MP 24.94] | 1 | 2 | | NO | NO | 4.44 | 25 | 20.5 | 24.94 | 25 | 25 | 1.00 | 50 | 0.25 | 10 | 60 | 20 | 1.00 | 75 | 0.40 | 10 | | | | | | |
| TOTAL FOR MAP NO. 1 | | | | | | | | | | | | | | 4.44 | | | | | | | | | | | | | | | | | |
| TOTAL FOR PROJ NO. 2024CPT.03.04.10671 | | | | | | | | | | | | | | 4.44 | | 20.5 | 24.94 | 25 | 25 | 1.00 | 50 | 0.25 | 10 | 60 | 20 | 1.00 | 75 | 0.40 | 10 | | |
| 2024CPT.03.04.20671 | Onslow | 2 | SR-1201 / GURGANUS RD | FROM SR 1202 (SWINSON RD) TO SR 1207 (HEWITT RD.) [MP 3.11 - MP 3.93] | 2 | 2 | 2WU | NO | NO | 0.82 | 18 | 3.11 | 3.93 | 25 | 25 | 0.93 | 50 | 0.25 | 10 | 50 | 20 | 0.90 | 50 | 0.25 | 2 | | | | | | |
| TOTAL FOR MAP NO. 2 | | | | | | | | | | | | | | 0.82 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20671 | Onslow | 3 | SR-1207 / GURGANUS RD | FROM SR 1207 (HEWITT RD) TO DUPLIN CO LINE [MP 1.90 - MP 3.19] | 2 | 2 | 2WU | NO | NO | 1.29 | 18 | 1.9 | 3.19 | 30 | 30 | 1.22 | 60 | 0.30 | 10 | 60 | 20 | 1.20 | 60 | 0.30 | 4 | | | | | | |
| TOTAL FOR MAP NO. 3 | | | | | | | | | | | | | | 1.29 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20671 | Onslow | 4 | SR-1403 / COUNTRY CLUB RD | FROM SR 1406 (PINEY GREEN RD) TO NC HWY 53 (WESTERN BLVD) [MP 0.00 - MP 1.24] | 2 | 2 | 2WU | NO | NO | 1.24 | 30 | 0 | 1.24 | 20 | 20 | 0.75 | 40 | 0.20 | 10 | 40 | 20 | 0.75 | 40 | 0.20 | 4 | 100 | | | | | |
| TOTAL FOR MAP NO. 4 | | | | | | | | | | | | | | 1.24 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20671 | Onslow | 5 | SR-1109 / HOLLY SHELTER RD | FROM SR 1108 (KING RD) TO NC HWY 53 (BURGAW HWY) [MP 0.00 - MP 2.08] | 2 | 2 | 2WU | NO | NO | 2.08 | 20 | 0 | 2.08 | 53 | 53 | 2.10 | 105 | 0.50 | 20 | 105 | 40 | 2.00 | 105 | 0.50 | 4 | | | | | | |
| TOTAL FOR MAP NO. 5 | | | | | | | | | | | | | | 2.08 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20671 | Onslow | 6 | SR-1320 / WELLS RD | FROM EXISTING PAVEMENT SEAM TO US HWY 258 (RICHLANDS HWY) [MP 2.76 - MP 3.18] | 2 | 2 | 2WU | NO | NO | 0.42 | 20 | 2.76 | 3.18 | 10 | 10 | 0.40 | 20 | 0.10 | 10 | 20 | 10 | 0.40 | 20 | 0.10 | 2 | | | | | | |
| TOTAL FOR MAP NO. 6 | | | | | | | | | | | | | | 0.42 | | | | | | | | | | | | | | | | | |
| TOTAL FOR PROJ NO. 2024CPT.03.04.20671 | | | | | | | | | | | | | | 5.85 | | 7.77 | 13.62 | 138 | 138 | 5.40 | 275 | 1.35 | 60 | 275 | 110 | 5.25 | 275 | 1.35 | 16 | 100 | |
| 2024CPT.03.04.20672 | Onslow | 7 | SR-1944 / HUNTING GREEN RD | FROM SR 1308 (GUM BRANCH RD) TO SR 1944 (HUNTING GREEN RD) [MP 0.00 - MP 1.26] | 3 | 2 | 2WU | NO | NO | 1.26 | 29 | 0 | 1.26 | | | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 7 | | | | | | | | | | | | | | 1.26 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 8 | SR-1966 / RIDGECREST LN | FROM SR 1965 (LAUREL LN) TO CUL-DE-SAC [MP 0.00 - MP 0.11] | 3 | 2 | 2WU | NO | NO | 0.11 | 27 | 0 | 0.11 | | | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 8 | | | | | | | | | | | | | | 0.11 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 9 | SR-1965 / LAUREL LN | FROM SR 1944 (HUNTING GREEN DR) TO CUL-DE-SAC [MP 0.00 - MP 0.10] | 3 | 2 | 2WU | NO | NO | 0.10 | 28 | 0 | 0.1 | | | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 9 | | | | | | | | | | | | | | 0.10 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 10 | SR-1967 / MILESTONE CT | FROM SR 1945 (HEARTHSTONE DR) TO CUL-DE-SAC [MP 0.00 - MP 0.09] | 3 | 2 | 2WU | NO | NO | 0.09 | 28 | 0 | 0.09 | | | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 10 | | | | | | | | | | | | | | 0.09 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 11 | SR-1984 / KYLE DR | FROM SR 1944 (HUNTING GREEN DR) TO CUL-DE-SAC [MP 0.00 - MP 0.08] | 3 | 2 | 2WU | NO | NO | 0.08 | 27 | 0 | 0.08 | | | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 11 | | | | | | | | | | | | | | 0.08 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 12 | SR-1964 / COBBLESTONE CT | FROM SR 1944 (HUNTING GREEN DR) TO CUL-DE-SAC [MP 0.00 - MP 0.03] | 3 | 2 | 2WU | NO | NO | 0.03 | 26 | 0 | 0.03 | | | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 12 | | | | | | | | | | | | | | 0.03 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 13 | SR-1999 / ERVIN CT | FROM SR 1984 (KYLE CT) TO CUL-DE-SAC [MP 0.00 - MP 0.06] | 3 | 2 | 2WU | NO | NO | 0.06 | 29 | 0 | 0.06 | | | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 13 | | | | | | | | | | | | | | 0.06 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 14 | SR-1962 / FIELDSTONE PL | FROM SR 1944 (HUNTING GREEN DR) TO CUL-DE-SAC [MP 0.00 - MP 0.04] | 3 | 2 | 2WU | NO | NO | 0.04 | 28 | 0 | 0.04 | | | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 14 | | | | | | | | | | | | | | 0.04 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 15 | SR-1963 / STONERIDGE DR | FROM SR 1944 (HUNTING GREEN DR) TO END OF MAINTENANCE [MP 0.00 - MP 0.08] | 3 | 2 | 2WU | NO | NO | 0.08 | 34 | 0 | 0.08 | | | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 15 | | | | | | | | | | | | | | 0.08 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 16 | SR-1951 / MEADOW LN | FROM SR 1950 (FOX FIRE CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.12] | 3 | 2 | 2WU | NO | NO | 0.12 | 28 | 0 | 0.12 | | | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 16 | | | | | | | | | | | | | | 0.12 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 17 | SR-2001 / DEER CREEK DR | FROM SR 1944 (HUNTING GREEN DR) TO CUL-DE-SAC [MP 0.00 - MP 0.10] | 3 | 2 | 2WU | NO | NO | 0.10 | 28 | 0 | 0.1 | | | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 17 | | | | | | | | | | | | | | 0.10 | | | | | | | | | | | | | | | | | |
| 2024CPT.03.04.20672 | Onslow | 18 | SR-1946 / GREY FOX LN | FROM SR 1944 (HUNTING GREEN DR) TO CUL-DE-SAC [MP 0.00 - MP 0.05] | 3 | 2 | 2WU | NO | NO | 0.05 | 28 | 0 | 0.05 | | | | | | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 18 | | | | | | | | | | | | | | 0.05 | | | | | | | | | | | | | | | | | |
| TOTAL FOR PROJ NO. 2024CPT.03.04.20672 | | | | | | | | | | | | | | 2.12 | | 0 | 2.12 | | | | | | | | | | | | | | |
| GRAND TOTAL | | | | | | | | | | | | | | 12.41 | | 28.27 | 40.68 | 163 | 163 | 6.40 | 325 | 1.60 | 70 | 335 | 130 | 6.25 | 350 | 1.75 | 26 | 100 | |

CONCRETE ISLAND PAVEMENT MARKING & MARKER DETAIL



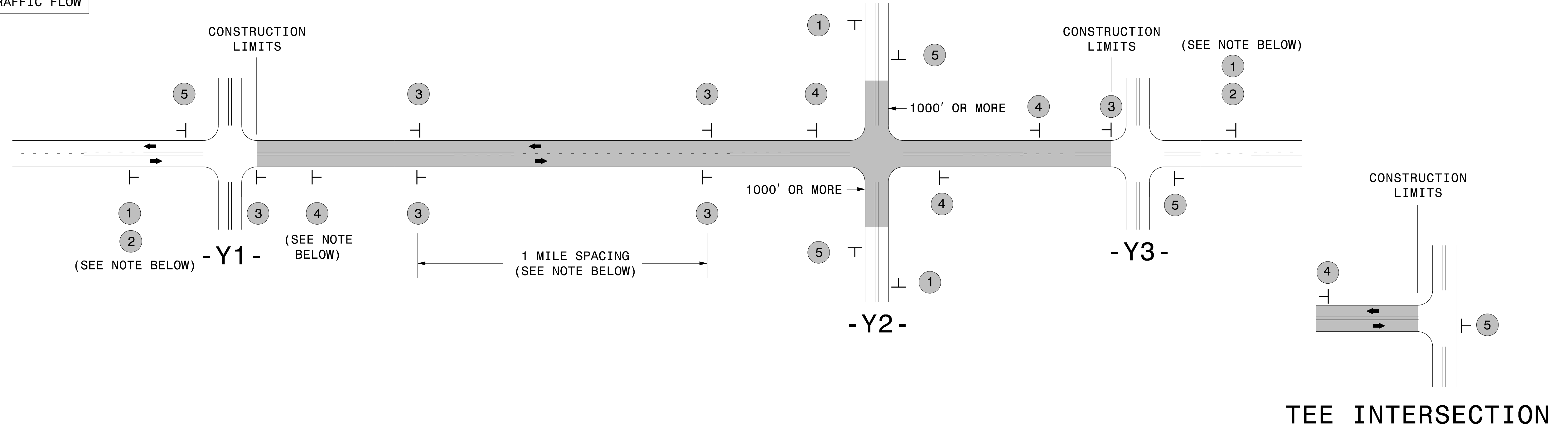
7/19/2023 R:\WZTC Programs_Details_Manuals\Pavement Marking Plans - AdditionalInfo\Concrete Island Pavement Marking and Marker Detail.dgn 11:26:16 AM

(DRAWING NOT TO SCALE)

MONOLITHIC CONCRETE ISLAND
 (SEE STANDARD DRAWINGS 852.01, 852.02, & 852.06 FOR DETAILS.)

SIGNING FOR RESURFACING PROJECTS

LEGEND
 ┆ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

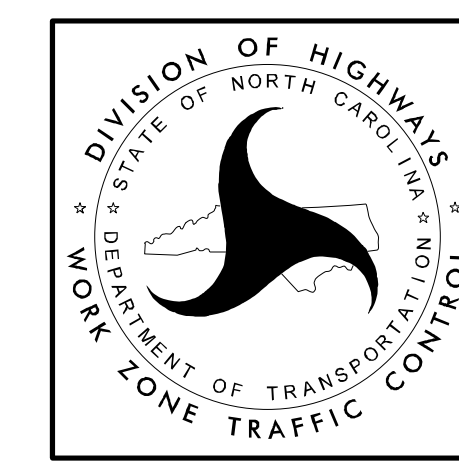
-Y- LINE SIGNING

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

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

MAPS LESS THAN 2 MILES

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



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