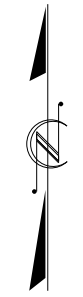
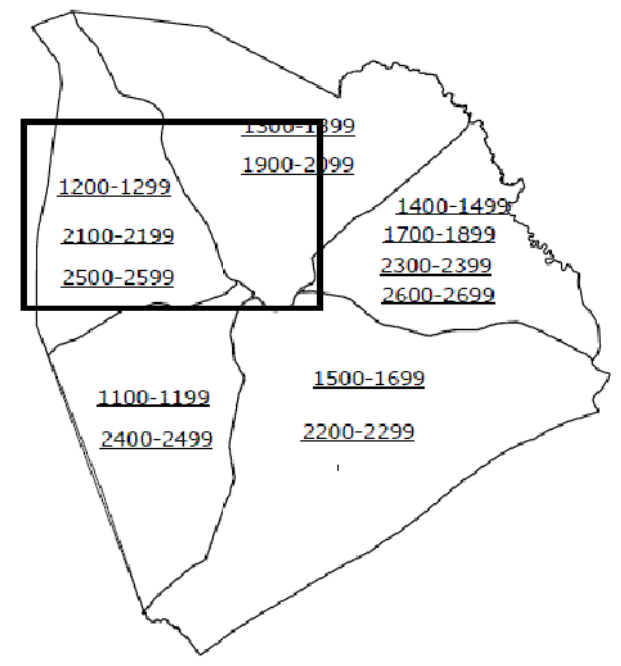


ONSLOW COUNTY

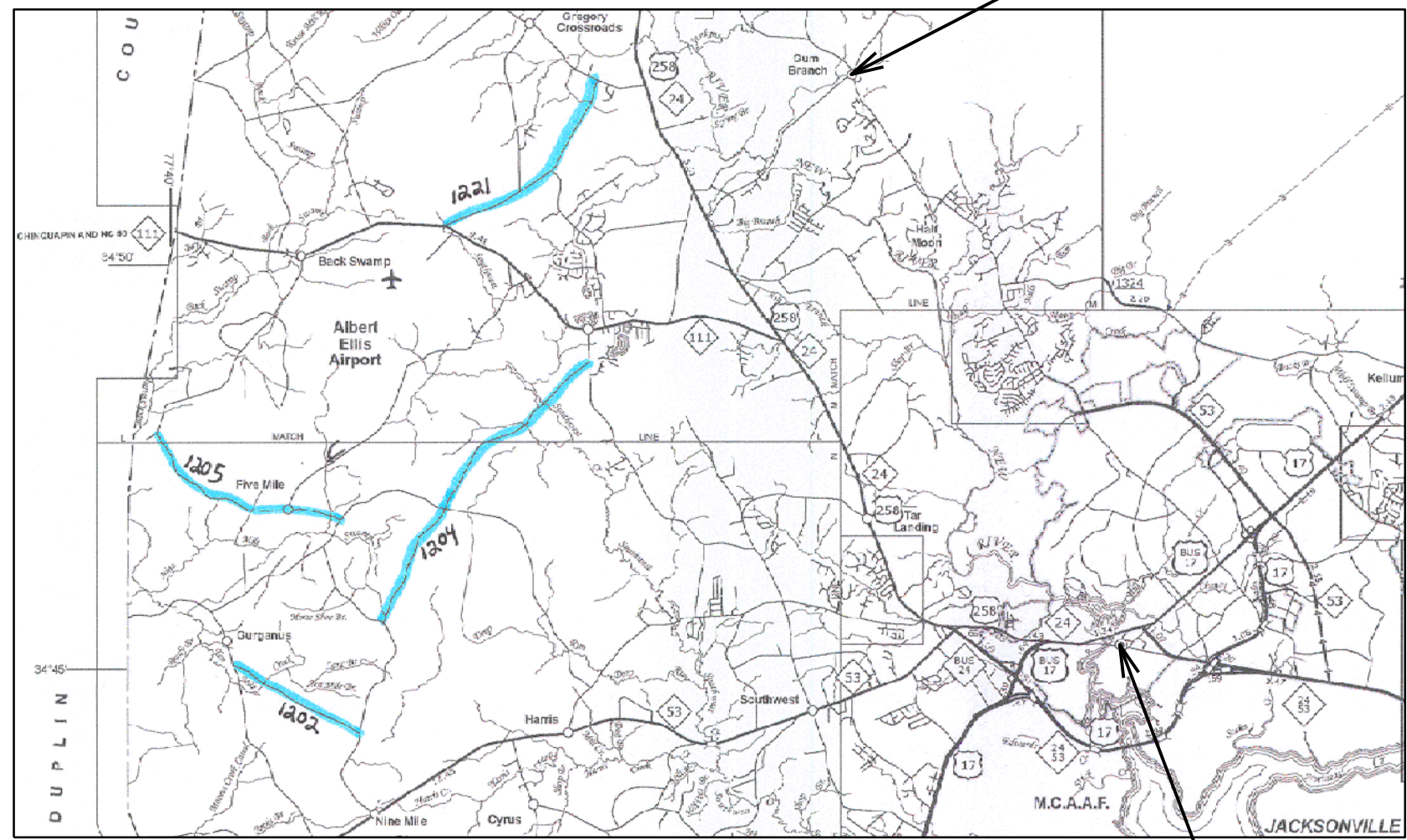
TYPE OF WORK: FOG SEAL TREATMENT, ETC.
 LOCATION: 4 SECTIONS OF SECONDARY ROADS



| INDEX OF SHEETS | |
|-----------------|------------------------------------|
| SHEET NO. | SHEET |
| 1 & 2 | INDEX OF SHEETS & TITLE SHEETS |
| 3 | PAVEMENT SCHEDULE, TYPICAL SECTION |
| 4 & 5 | SUMMARY OF QUANTITIES |
| 6 | TRAFFIC CONTROL DETAIL |



Gum Branch



Jacksonville

ONSLOW COUNTY FOG SEAL - 2015

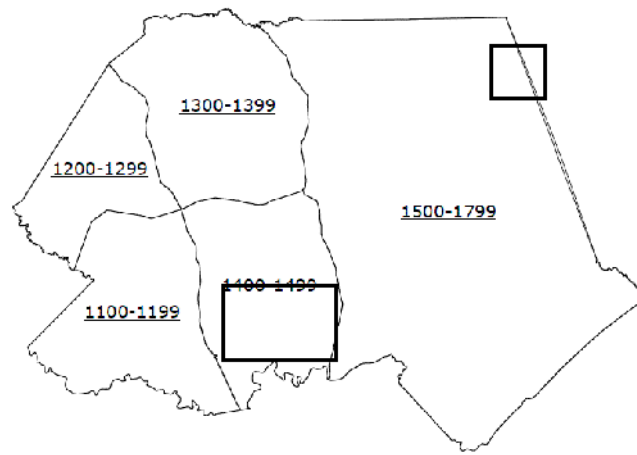
| MAP NO. | ROAD NAME | SR # | FROM | TO |
|---------|--------------------|------|---------|---------|
| 1 | Swinson Rd | 1202 | SR 1201 | SR 1203 |
| 2 | Murrill Brown Rd | 1204 | SR 1203 | SR 1211 |
| 3 | Batchelor Rd | 1205 | SR 1203 | SR 1209 |
| 4 | Fowler Manning Rd. | 1221 | SR 1229 | NC 111 |

REVISIONS

25-MAR-2015 15:48
 D:\Resurfacing_Data\2015 System Preservation\Fog Seal\Onslow_Pender\3SP.20675.003_Onslow_Pender_Rdy.dgn
 \$\$\$I\$P\$R\$M\$ \$\$\$\$

PENDER COUNTY

TYPE OF WORK: FOG SEAL TREATMENT, ETC.
 LOCATION: 8 SECTIONS OF SECONDARY ROADS



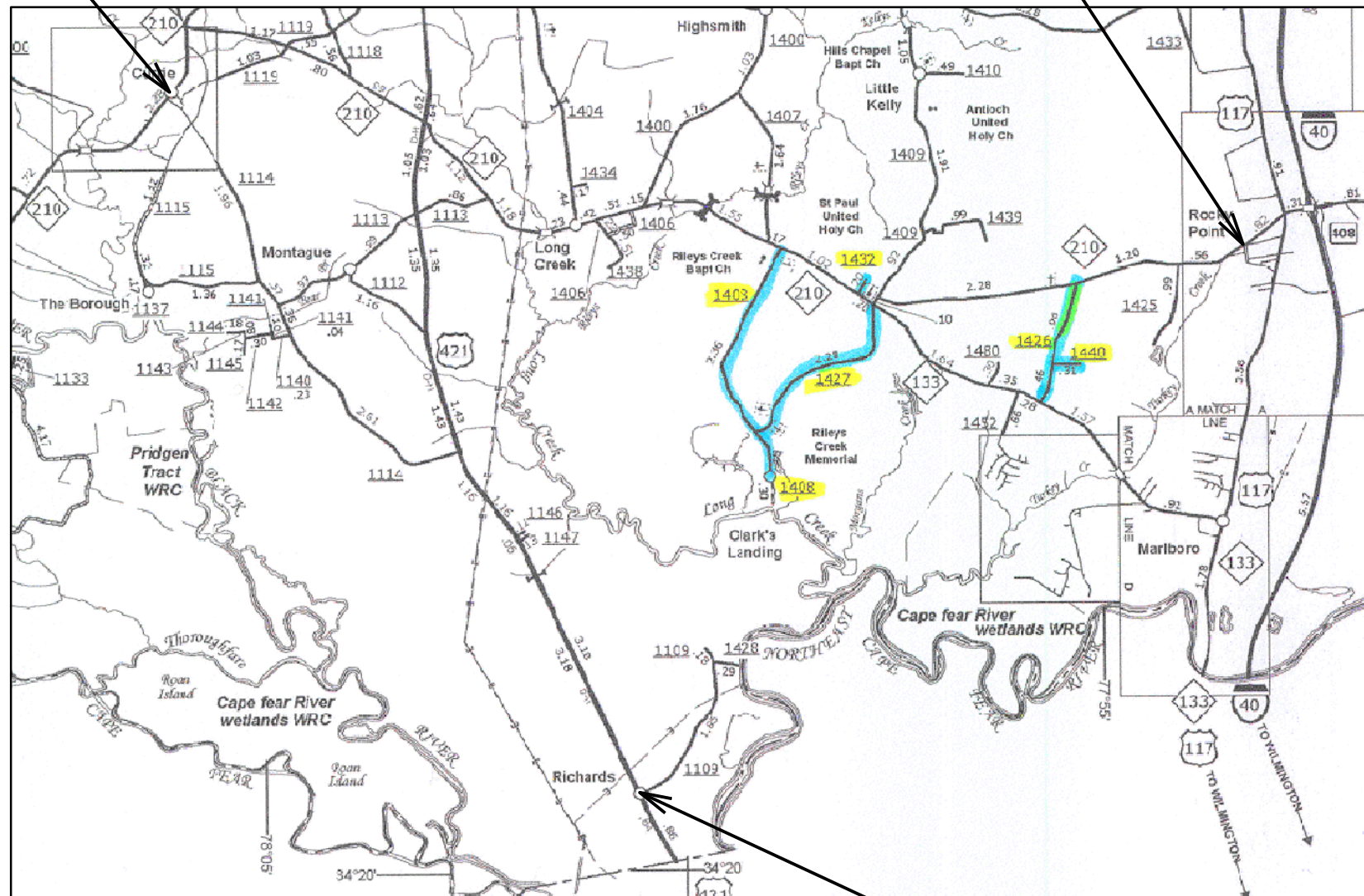
PENDER CO.



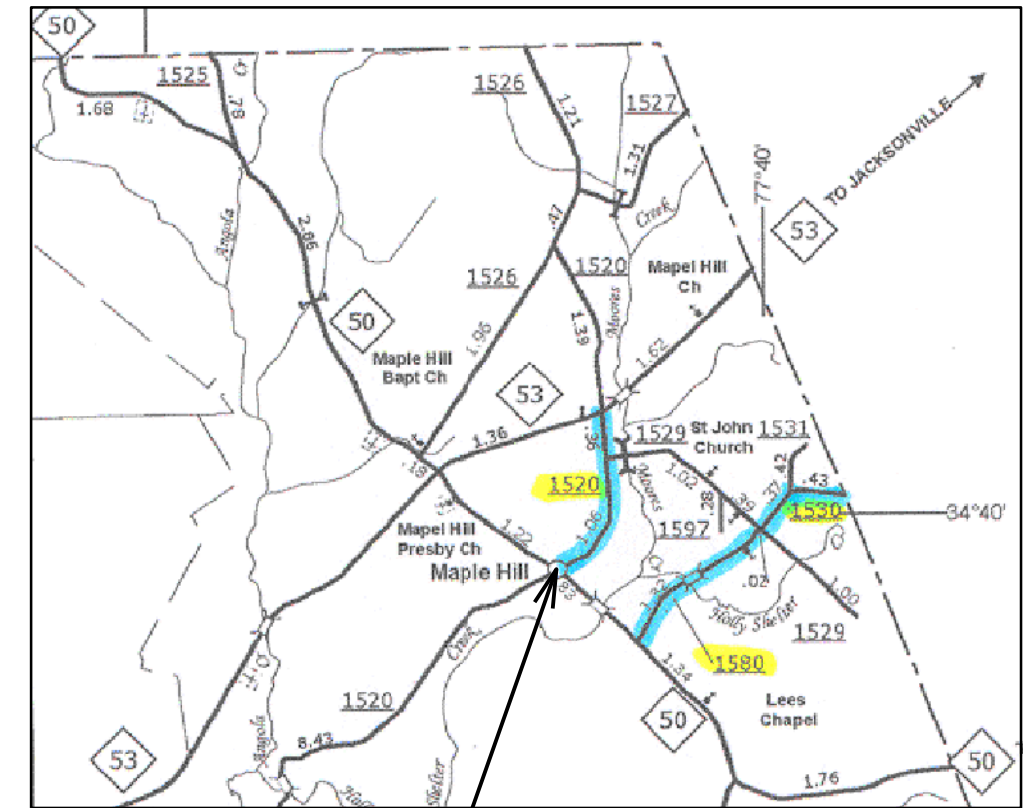
| PENDER COUNTY FOG SEAL - 2015 | | | | |
|-------------------------------|-------------------------|------|---------|--------------------|
| MAP NO. | ROAD NAME | SR # | FROM | TO |
| 5 | Clarks Landing Rd. | 1408 | NC 210 | Dead End |
| 6 | Cheshire Rd. | 1426 | NC 210 | NC 133 |
| 7 | Clarks Landing Loop Rd. | 1427 | NC 133 | SR 1408 |
| 8 | McIntyre Church Rd. | 1432 | NC 210 | Dead End |
| 9 | Arvida Spur Rd | 1440 | SR 1426 | Dead End |
| 10 | Shaw Highway | 1520 | NC 53 | NC 50 |
| 11 | Wooten Rd. | 1530 | SR 1529 | Onslow County Line |
| 12 | Maple Hill School | 1580 | NC 50 | SR 1529 |

Currie

Rocky Point



Richards



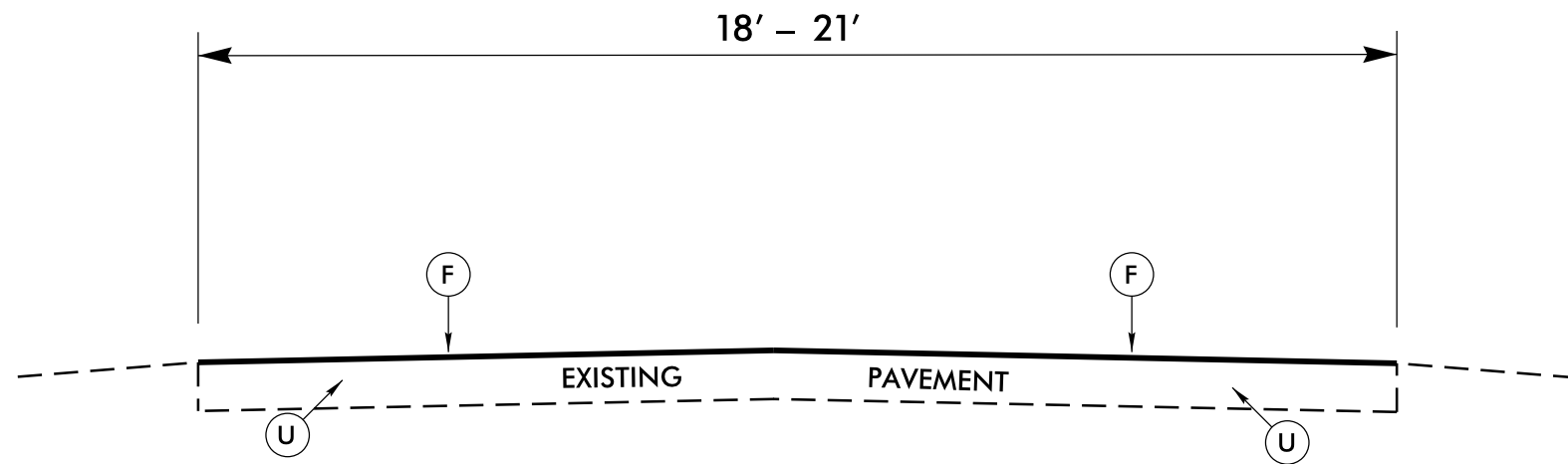
Maple Hill

REVISIONS

25-MAR-2015 15:52
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 8/17/99

8/17/99

REVISIONS



TYPICAL SECTION NO. 1

ONSLOW CO.:
 MAP NOS. 1 - 4
 SR 1202, 1204, 1205, 1221

PENDER CO.:
 MAP NOS. 5 - 12
 SR 1408, 1426, 1427, 1432,
 1440, 1520, 1530, 1580

| PAVEMENT SCHEDULE | |
|-------------------|-------------------------------------|
| F | ASPHALT SURFACE TREATMENT, FOG SEAL |
| U | EXISTING PAVEMENT |

NOT TO SCALE

26-MAR-2015 12:54
 D:\Resurfacing_Data\2015 System Preservation\Fog_Seal\Onslow_Pender\3SE.20675.003_Onslow_Pender_Typ.dgn

| | |
|------------------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 3SP.20675.003, 3SP.20715.003 | 4 |
| | |

SUMMARY OF QUANTITIES

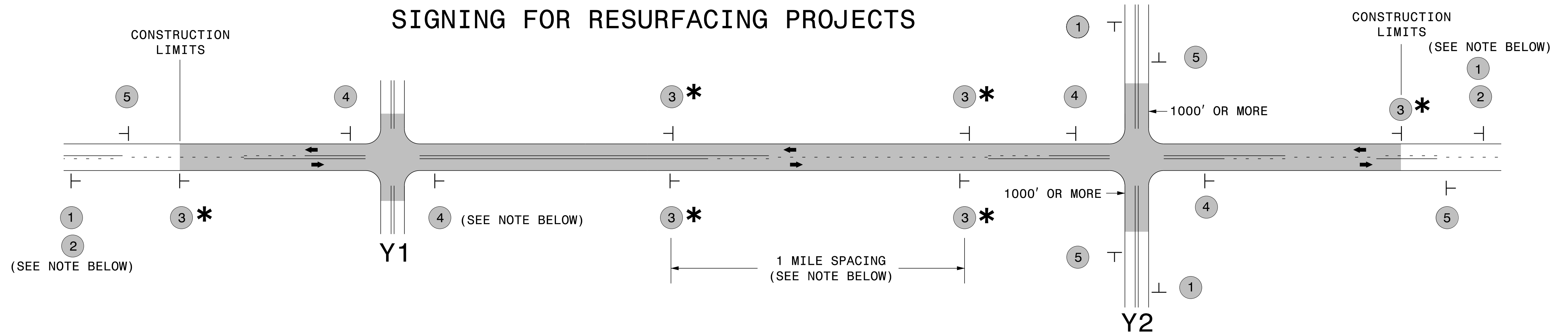
| PROJECT NO | COUNTY | MAP NO | ROUTE | DESCRIPTION | TYP NO | LANES | LANE TYPE | FINAL SURFACE TESTING REQUIRED | WARM MIX ASPHALT REQUIRED | LENGTH MI | WIDTH FT | ASPHALT SURFACE TREATMENT, FOG SEAL SY |
|---|--------|--------|-----------------------------------|------------------------------------|--------|-------|-----------|--------------------------------|---------------------------|--------------|----------|--|
| 3SP.20675.003 | Onslow | 0 | VARIOUS SECONDARY ROADS | PROJECT WIDE | N/A | 2 | 2WU | | | | | |
| TOTAL FOR MAP NO. 0 | | | | | | | | | | | | |
| 3SP.20675.003 | Onslow | 1 | SR 1202 (SWINSON RD.) | FROM SR 1201 TO SR 1203 | 1 | 2 | 2WU | NO | NO | 2.1 | 20 | 24,840 |
| TOTAL FOR MAP NO. 1 | | | | | | | | | | | | |
| 3SP.20675.003 | Onslow | 2 | SR 1204 (MURRILL BROWN RD.) | FROM SR 1203 TO SR 1211 | 1 | 2 | 2WU | NO | NO | 4.9 | 20 | 57,693 |
| TOTAL FOR MAP NO. 2 | | | | | | | | | | | | |
| 3SP.20675.003 | Onslow | 3 | SR 1205 (BATCHELOR RD.) | FROM SR 1203 TO SR 1209 | 1 | 2 | 2WU | NO | NO | 3.18 | 18 | 33,781 |
| TOTAL FOR MAP NO. 3 | | | | | | | | | | | | |
| 3SP.20675.003 | Onslow | 4 | SR 1221 (FOWLER MANNING RD.) | FROM SR 1229 TO NC 111 | 1 | 2 | 2WU | NO | NO | 3.18 | 20 | 37,512 |
| TOTAL FOR MAP NO. 4 | | | | | | | | | | | | |
| TOTAL FOR PROJ NO. 3SP.20675.003 | | | | | | | | | | 13.36 | | 153,826 |
| | | | | | | | | | | | | |
| 3SP.20715.003 | Pender | 0 | VARIOUS SECONDARY ROADS | PROJECT WIDE | N/A | 2 | 2WU | | | | | |
| TOTAL FOR MAP NO. 0 | | | | | | | | | | | | |
| 3SP.20715.003 | Pender | 5 | SR 1408 (CLARKS LANDING RD.) | FROM NC 210 TO DEAD END | 1 | 2 | 2WU | NO | NO | 3.26 | 18 | 34,626 |
| TOTAL FOR MAP NO. 5 | | | | | | | | | | | | |
| 3SP.20715.003 | Pender | 6 | SR 1426 (CHESHIRE RD.) | FROM NC 210 TO NC 133 | 1 | 2 | 2WU | NO | NO | 1.42 | 21 | 17,594 |
| TOTAL FOR MAP NO. 6 | | | | | | | | | | | | |
| 3SP.20715.003 | Pender | 7 | SR 1427 (CLARKS LANDING LOOP RD.) | FROM NC 133 TO SR 1408 | 1 | 2 | 2WU | NO | NO | 2.3 | 20 | 27,087 |
| TOTAL FOR MAP NO. 7 | | | | | | | | | | | | |
| 3SP.20715.003 | Pender | 8 | SR 1432 (MCINTYRE CHURCH RD.) | FROM NC 210 TO DEAD END | 1 | 2 | 2WU | NO | NO | 0.2 | 19 | 2,279 |
| TOTAL FOR MAP NO. 8 | | | | | | | | | | | | |
| 3SP.20715.003 | Pender | 9 | SR 1440 (ARVIDA SPUR RD.) | FROM SR 1426 TO DEAD END | 1 | 2 | 2WU | NO | NO | 0.31 | 20 | 3,737 |
| TOTAL FOR MAP NO. 9 | | | | | | | | | | | | |
| 3SP.20715.003 | Pender | 10 | SR 1520 (SHAW HIGHWAY) | FROM NC 53 TO NC 50 | 1 | 2 | 2WU | NO | NO | 2.3 | 20 | 27,087 |
| TOTAL FOR MAP NO. 10 | | | | | | | | | | | | |
| 3SP.20715.003 | Pender | 11 | SR 1530 (WOOTEN RD.) | FROM SR 1529 TO ONSLOW COUNTY LINE | 1 | 2 | 2WU | NO | NO | 0.68 | 20 | 8,079 |
| TOTAL FOR MAP NO. 11 | | | | | | | | | | | | |
| 3SP.20715.003 | Pender | 12 | SR 1580 (MAPLE HILL SCHOOL RD.) | FROM NC 50 TO SR 1529 | 1 | 2 | 2WU | NO | NO | 1.3 | 18 | 13,828 |
| TOTAL FOR MAP NO. 12 | | | | | | | | | | | | |
| TOTAL FOR PROJ NO. 3SP.20715.003 | | | | | | | | | | 11.77 | | 134,317 |
| | | | | | | | | | | | | |
| GRAND TOTAL | | | | | | | | | | 25.13 | | 288,143 |

| | |
|------------------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 3SP.20675.003, 3SP.20715.003 | 5 |

THERMOPLASTIC AND PAINT QUANTITIES

| PROJECT NO | COUNTY | MAP NO | ROUTE | DESCRIPTION | TYP | LANES | LANE TYPE | LENGTH | WIDTH | 4413000000-E | 4457000000-N | 4810000000-E | | 4900000000-N | |
|---|--------|--------|-----------------------------------|------------------------------------|-----|-------|-----------|--------|-------|---|---------------------------|----------------|-----------------|--------------------------------|--------------|
| | | | | | | | | | | WORK ZONE ADVANCE/GENERAL WARNING SIGNING | TEMPORARY TRAFFIC CONTROL | 4" WHITE PAINT | 4" YELLOW PAINT | RASIED YELLOW & YELLOW MARKERS | |
| | | | | | | | | | | SF | LS | LF | LF | EA | |
| 3SP.20675.003 | Onslow | 0 | VARIOUS SECONDARY ROADS | PROJECT WIDE | N/A | 2 | 2WU | | 18-20 | | 0.53 | | | | |
| TOTAL FOR MAP NO. 0 | | | | | | | | | | | 0.53 | | | | |
| 3SP.20675.003 | Onslow | 1 | SR 1202 (SWINSON RD.) | FROM SR 1201 TO SR 1203 | 1 | 2 | 2WU | 2.1 | 20 | 240 | | 44,352 | 44,352 | 139 | |
| TOTAL FOR MAP NO. 1 | | | | | | | | | | | 240 | | 44,352 | 44,352 | 139 |
| 3SP.20675.003 | Onslow | 2 | SR 1204 (MURRILL BROWN RD.) | FROM SR 1203 TO SR 1211 | 1 | 2 | 2WU | 4.9 | 20 | 560 | | 103,488 | 103,488 | 323 | |
| TOTAL FOR MAP NO. 2 | | | | | | | | | | | 560 | | 103,488 | 103,488 | 323 |
| 3SP.20675.003 | Onslow | 3 | SR 1205 (BATCHELOR RD.) | FROM SR 1203 TO SR 1209 | 1 | 2 | 2WU | 3.18 | 18 | 368 | | 67,162 | 67,162 | 210 | |
| TOTAL FOR MAP NO. 3 | | | | | | | | | | | 368 | | 67,162 | 67,162 | 210 |
| 3SP.20675.003 | Onslow | 4 | SR 1221 (FOWLER MANNING RD.) | FROM SR 1229 TO NC 111 | 1 | 2 | 2WU | 3.18 | 20 | 368 | | 67,162 | 67,162 | 210 | |
| TOTAL FOR MAP NO. 4 | | | | | | | | | | | 368 | | 67,162 | 67,162 | 210 |
| TOTAL FOR PROJ NO. 3SP.20675.003 | | | | | | | | | | | 1,536 | 0.53 | 282,164 | 282,164 | 882 |
| | | | | | | | | | | | 564,328 | | | | |
| 3SP.20715.003 | Pender | 0 | VARIOUS SECONDARY ROADS | PROJECT WIDE | N/A | 2 | 2WU | | 18-21 | | 0.47 | | | | |
| TOTAL FOR MAP NO. 0 | | | | | | | | | | | | 0.47 | | | |
| 3SP.20715.003 | Pender | 5 | SR 1408 (CLARKS LANDING RD.) | FROM NC 210 TO DEAD END | 1 | 2 | 2WU | 3.26 | 18 | 368 | | 68,851 | 68,851 | 215 | |
| TOTAL FOR MAP NO. 5 | | | | | | | | | | | 368 | | 68,851 | 68,851 | 215 |
| 3SP.20715.003 | Pender | 6 | SR 1426 (CHESHIRE RD.) | FROM NC 210 TO NC 133 | 1 | 2 | 2WU | 1.42 | 21 | 160 | | 29,990 | 29,990 | 94 | |
| TOTAL FOR MAP NO. 6 | | | | | | | | | | | 160 | | 29,990 | 29,990 | 94 |
| 3SP.20715.003 | Pender | 7 | SR 1427 (CLARKS LANDING LOOP RD.) | FROM NC 133 TO SR 1408 | 1 | 2 | 2WU | 2.3 | 20 | 272 | | 48,576 | 48,576 | 152 | |
| TOTAL FOR MAP NO. 7 | | | | | | | | | | | 272 | | 48,576 | 48,576 | 152 |
| 3SP.20715.003 | Pender | 8 | SR 1432 (MCINTYRE CHURCH RD.) | FROM NC 210 TO DEAD END | 1 | 2 | 2WU | 0.2 | 19 | 32 | | | | | |
| TOTAL FOR MAP NO. 8 | | | | | | | | | | | 32 | | | | |
| 3SP.20715.003 | Pender | 9 | SR 1440 (ARVIDA SPUR RD.) | FROM SR 1426 TO DEAD END | 1 | 2 | 2WU | 0.31 | 20 | 48 | | | | | |
| TOTAL FOR MAP NO. 9 | | | | | | | | | | | 48 | | | | |
| 3SP.20715.003 | Pender | 10 | SR 1520 (SHAW HIGHWAY) | FROM NC 53 TO NC 50 | 1 | 2 | 2WU | 2.3 | 20 | 272 | | 48,576 | 48,576 | 152 | |
| TOTAL FOR MAP NO. 10 | | | | | | | | | | | 272 | | 48,576 | 48,576 | 152 |
| 3SP.20715.003 | Pender | 11 | SR 1530 (WOOTEN RD.) | FROM SR 1529 TO ONSLOW COUNTY LINE | 1 | 2 | 2WU | 0.68 | 20 | 80 | | 14,362 | 14,362 | 45 | |
| TOTAL FOR MAP NO. 11 | | | | | | | | | | | 80 | | 14,362 | 14,362 | 45 |
| 3SP.20715.003 | Pender | 12 | SR 1580 (MAPLE HILL SCHOOL RD.) | FROM NC 50 TO SR 1529 | 1 | 2 | 2WU | 1.3 | 18 | 160 | | 27,456 | 27,456 | 86 | |
| TOTAL FOR MAP NO. 12 | | | | | | | | | | | 160 | | 27,456 | 27,456 | 86 |
| TOTAL FOR PROJ NO. 3SP.20715.003 | | | | | | | | | | | 1,392 | 0.47 | 237,811 | 237,811 | 744 |
| | | | | | | | | | | | 475,622 | | | | |
| GRAND TOTAL | | | | | | | | | | | 2,928 | 1 | 519,975 | 519,975 | 1,626 |
| | | | | | | | | | | | 1,039,950 | | | | |

SIGNING FOR RESURFACING PROJECTS



| LEGEND | |
|--------|---------------------------|
| ┆ | STATIONARY SIGN |
| ← | DIRECTION OF TRAFFIC FLOW |

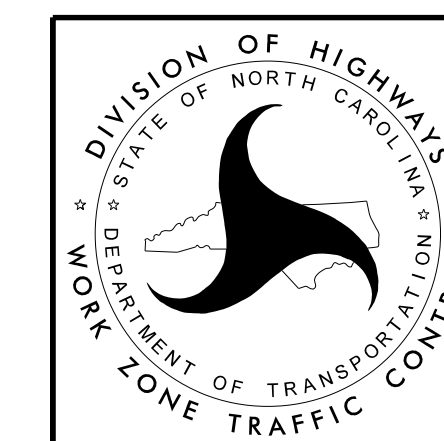
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

| SIGNING NOTES AND PLACEMENT PER DIRECTION | | |
|--|--|--|
| 1 2 | | <p style="text-align: center;">NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p style="text-align: center;">WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE 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; align-items: center;"> <div style="text-align: center;"> <p>W20-1 48" X 48"</p> </div> <div style="text-align: center;"> <p>W20-7 A 48" X 48"</p> </div> </div> <p style="text-align: center;">PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p> |
| 3 * | | |
| 4 | | |
| 5 | | |

* SIGNING FOR ASPHALT SURFACE TREATMENTS (ONLY)

SUBSTITUTE LOW/SOFT SHOULDER SIGNS BY ALTERNATING THE FOLLOWING TWO SIGNS:
STARTING WITH "UNMARKED PAVEMENT AHEAD" (SP 06026) FOLLOWED BY "LOOSE GRAVEL" (W8-7).



**RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS**