

WBS NO: 2025CPT.01.06.20082, ETC.

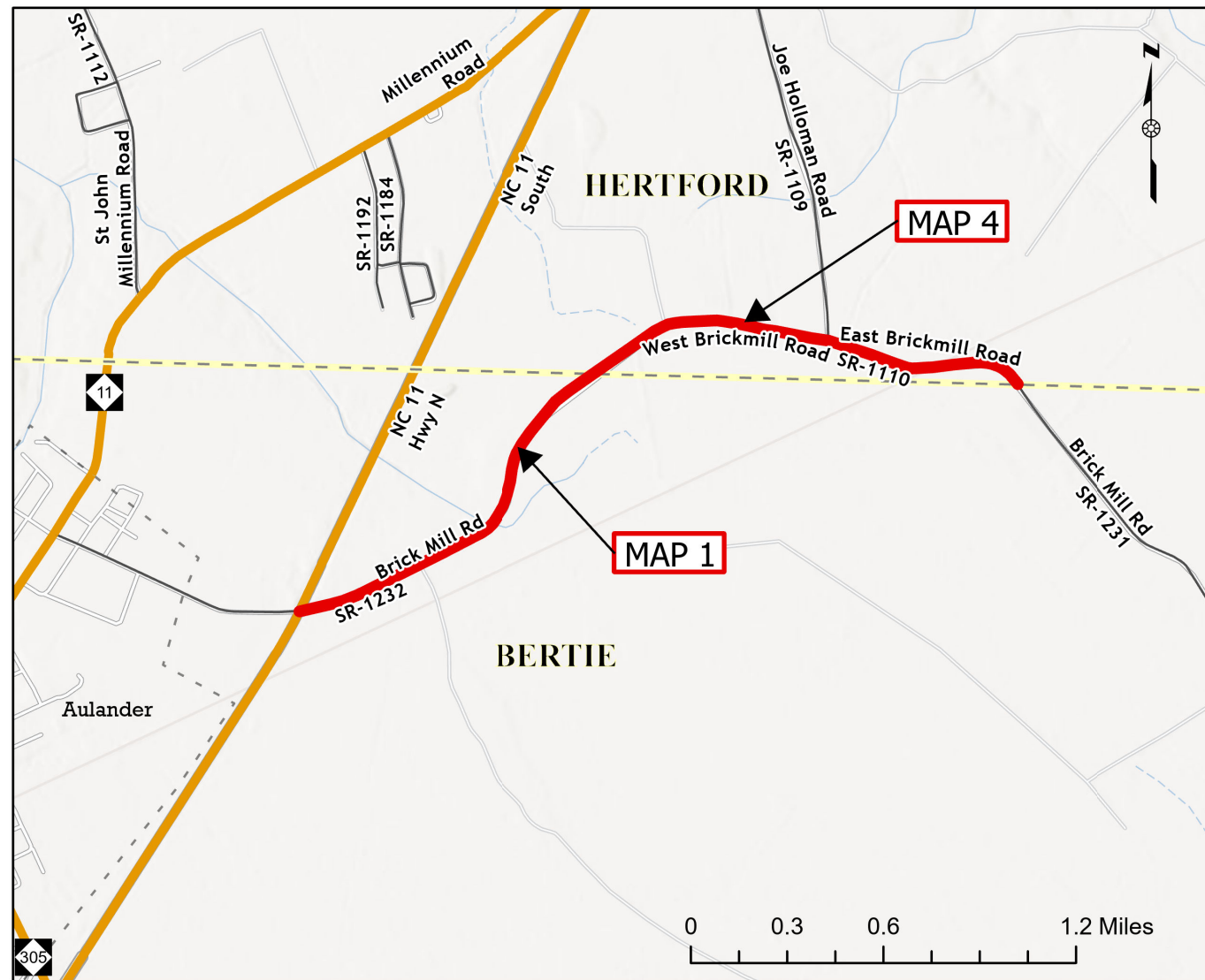
CONTRACT: DA00614

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
BERTIE & HERTFORD

| | | |
|----------------------|--------------------------------|--------------|
| STATE | STATE PROJECT REFERENCE NUMBER | SHEET NO. |
| NC | 2024CPT.01.06.20082, ETC. | 1 |
| STATE PROJECT NUMBER | | DESCRIPTION |
| 2025CPT.01.06.20082 | | P.E., CONST. |
| 2025CPT.01.06.20462 | | P.E., CONST. |

TYPE OF WORK: *AST DOUBLE SEAL & PAVEMENT MARKINGS*

| MAP | ROUTE | FROM | TO |
|-----|-------------------------|-------------|-----------|
| 01 | SR 1232 (Brickmill Rd.) | Hertford Co | NC 11 |
| 04 | SR 1110 (Brickmill Rd.) | Bertie Co | Bertie Co |



PROJECT LENGTH

| MAP | LENGTH |
|-----|--------|
| 01 | 1.01 |
| 04 | 1.139 |

Prepared in the Office of:
DIVISION OF HIGHWAYS
 113 AIRPORT DR., EDENTON, NC 27932

B. N. BRASWELL, PE
 DIV. PROJ. DEVELOPMENT ENGINEER

M. S. WINSLOW
 DIVISION CONTRACT ENGINEER

J. S. ABEL, JR.
 DIVISION PROJECT TEAM LEAD

D. H. STALLINGS
 DIVISION DESIGN ENGINEER



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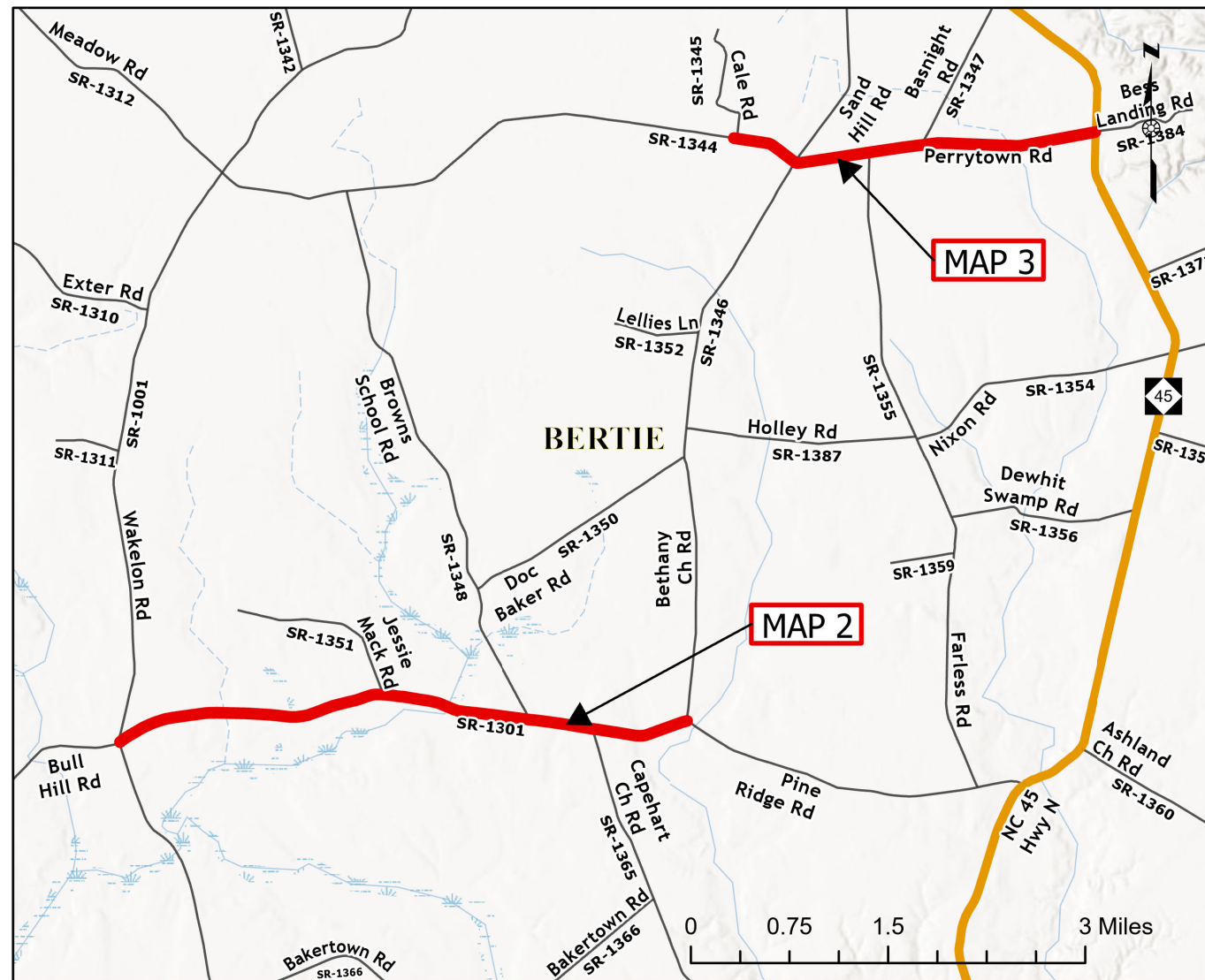
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

BERTIE

TYPE OF WORK: *AST DOUBLE SEAL & PAVEMENT MARKINGS*

| | | |
|----------------------|--------------------------------|--------------|
| STATE | STATE PROJECT REFERENCE NUMBER | SHEET NO. |
| NC | 2024CPT.01.06.20082, ETC. | 2 |
| STATE PROJECT NUMBER | | DESCRIPTION |
| 2025CPT.01.06.20082 | | P.E., CONST. |
| | | |
| | | |

| MAP | ROUTE | FROM | TO |
|-----|--------------------------|------------------------|------------------------------|
| 02 | SR 1301 (Pine Ridge Rd.) | SR 1001 (Wakelon Road) | SR 1346 (Bethany Church Rd.) |
| 03 | SR 1344 (Perrytown Rd.) | NC 45 | SR 1345 (Cale Rd.) |



PROJECT LENGTH

| MAP | LENGTH |
|-----|--------|
| 02 | 3.603 |
| 03 | 2.29 |

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

HERTFORD

| | | |
|----------------------|--------------------------------|--------------|
| STATE | STATE PROJECT REFERENCE NUMBER | SHEET NO. |
| NC | 2024CPT.01.06.20082, ETC. | 3 |
| STATE PROJECT NUMBER | | DESCRIPTION |
| 2025CPT.01.06.20462 | | P.E., CONST. |
| | | |
| | | |

TYPE OF WORK: *AST DOUBLE SEAL & PAVEMENT MARKINGS*

| MAP | ROUTE | FROM | TO |
|-----|----------------------------|---------------------------|------------|
| 05 | SR 1311 (Boone Bridge Rd.) | SR 1313 (Edwin Evans Rd.) | Bridge #10 |



PROJECT LENGTH

| MAP | LENGTH |
|-----|--------|
| 05 | 3.962 |

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CONTRACT: DA00614

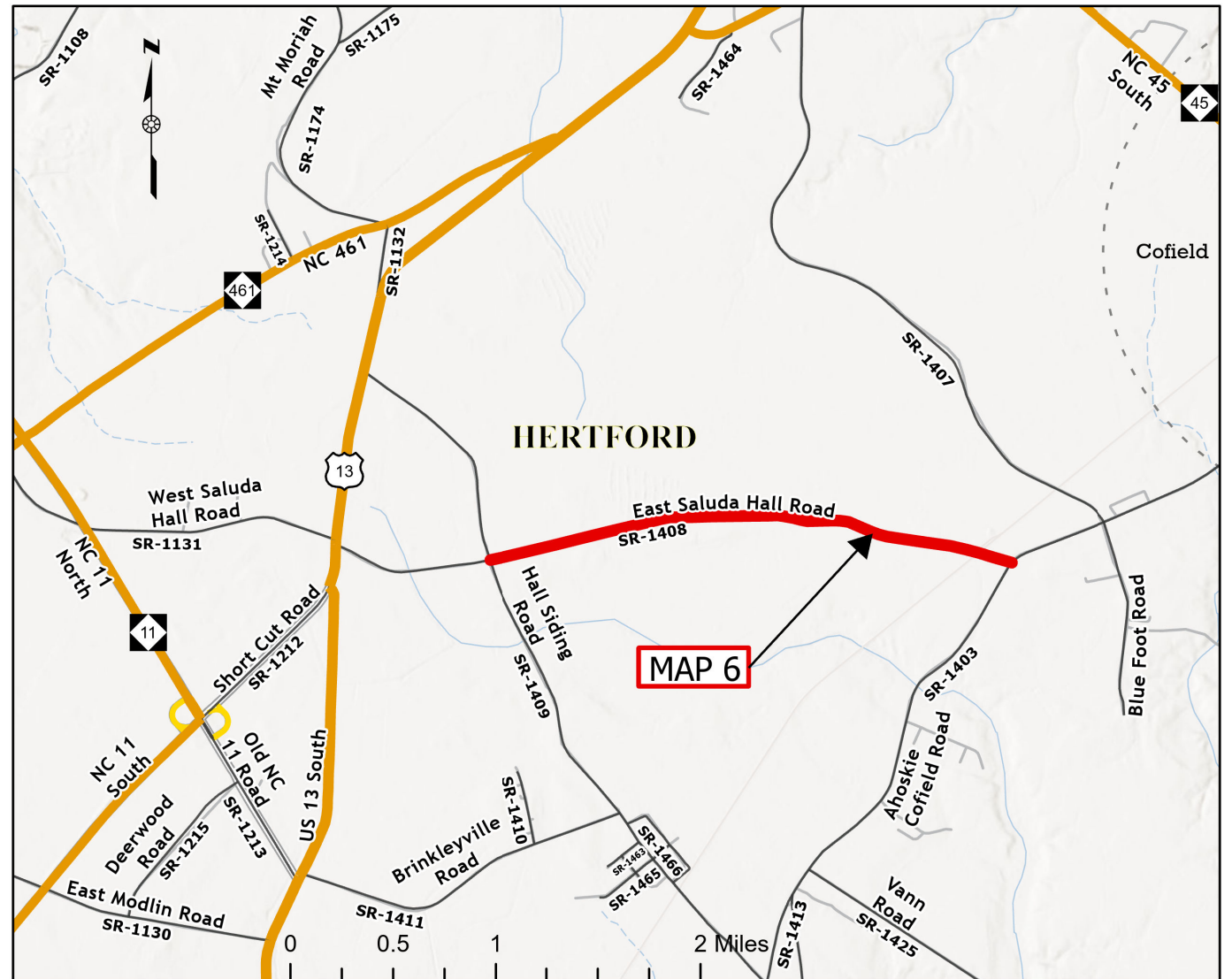
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

HERTFORD

TYPE OF WORK: AST DOUBLE SEAL & PAVEMENT MARKINGS

| | | |
|----------------------|--------------------------------|--------------|
| STATE | STATE PROJECT REFERENCE NUMBER | SHEET NO. |
| NC | 2024CPT.01.06.20082, ETC. | 4 |
| STATE PROJECT NUMBER | | DESCRIPTION |
| 2025CPT.01.06.20462 | | P.E., CONST. |
| | | |
| | | |

| MAP | ROUTE | FROM | TO |
|-----|-------------------------------|---------------------------|------------------------------|
| 06 | SR 1408 (E. Saluda Hall Rd.) | SR 1409 (Hall Siding Rd.) | SR 1403 (Ahoskie Cofiel Rd.) |



PROJECT LENGTH

| MAP | LENGTH |
|-----|--------|
| 06 | 2.09 |

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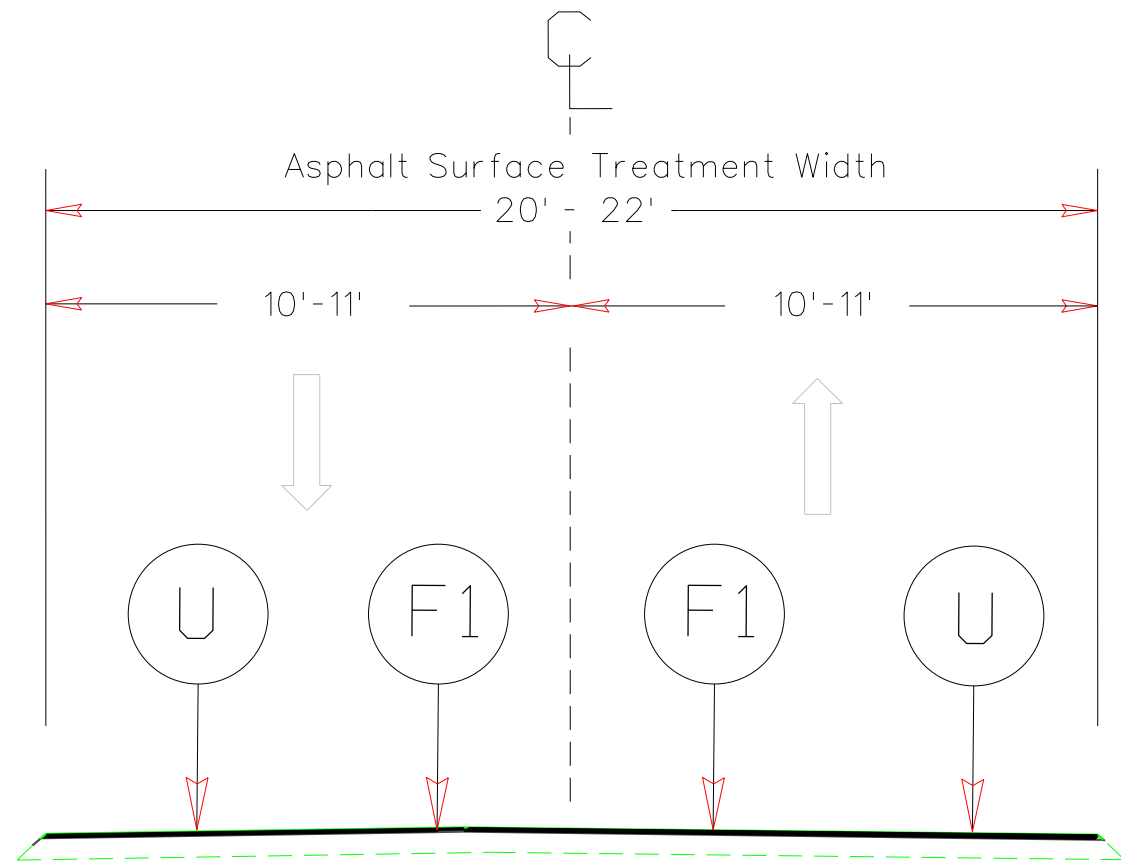


PAVEMENT SCHEDULE

| | |
|----|--|
| F1 | ASPHALT SURFACE TREATMENT, DOUBLE SEAL |
| U | EXISTING PAVEMENT |

NOTES:

- * ALL INTERSECTING ROADS ARE TO BE TREATED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * PAVEMENT MARKINGS ARE TO BE PERFORMED BY OTHERS
- * ASPHALT SURFACE TREATMENT (DOUBLE SEAL) CONSISTS OF TWO LAYERS OF TREATMENT:
 BOTTOM LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF 0.30± GAL/SY AND A LAYER OF #78M STONE AT A RATE OF 18± LBS/SY.
 TOP LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF 0.25± GAL/SY AND A LAYER OF 5/16" LIGHTWEIGHT AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.
 CONSTRUCT THE ASPHALT SURFACE TREATMENT, DOUBLE SEAL IN ACCORDANCE WITH SUBARTICLE 660-8(A) OF THE *NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES*.
- * FOR AST DOUBLE SEAL, CONTRACTOR MUST PROVIDE A SPREADER CAPABLE OF SPREADING UP TO 12' WIDE FOR IRREGULAR AREAS ALONG THESE MAPS.
- * CONTRACTOR SHALL PROVIDE AN ADEQUATE NUMBER OF STEEL DRUM ROLLERS TO ENSURE THAT 1 COMPLETE ROLLING COVERAGE HAS BEEN COMPLETED WITHIN 5 MINUTES OF THE APPLICATION OF EMULSION THROUGHOUT THE PROJECT IN ACCORDANCE WITH *NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES*.
- * CONTRACTOR SHALL BE RESPONSIBLE FOR LOADING, HAULING, & PLACING ALL AGGREGATE MATERIAL.



TYPICAL SECTION NO. 1
 USE WITH MAPS 1 - 6

| PROJECT NO. | SHEET NO. | TOTAL NO. |
|---------------------------|-----------|-----------|
| 2025CPT.01.06.20082, ETC. | 6 | |

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 | 0000100000-N | 1803500000-E | 1838000000-E |
|---|----------|--------|---|--|--------|-------|-----------|--------------------------------|---------------------------|---------------|-------|----------|--------|--------------|--|--|
| | | | | | | | | | | MI | FT | | | MOBILIZATION | ASPHALT SURFACE TREATMENT, DOUBLE SEAL | EMULSION FOR ASPHALT SURFACE TREATMENT |
| | | | | | | | | | | | | | | LS | SY | GAL |
| 2025CPT.01.06.20082 | Bertie | 1 | SR-1232 / BRICK MILL RD | FROM HERTFORD CO TO NC 11 | 1 | 2 | 2WU | NO | NO | 1.01 | 20 | 0 | 1.01 | 1 | 13,036 | 7,952 |
| 2025CPT.01.06.20082 | Bertie | 2 | SR-1301 / PINE RIDGE RD | FROM SR 1001 (WAKELON ROAD) TO SR 1346 (BETHANY CHURCH RD.) | 1 | 2 | 2WU | NO | NO | 3.603 | 20 | 7.267 | 10.87 | * | 47,993 | 29,276 |
| 2025CPT.01.06.20082 | Bertie | 3 | SR-1344 / PERRYTOWN RD | FROM NC 45 TO SR 1345 (CALE RD.) | 1 | 2 | 2WU | NO | NO | 2.29 | 21 | 0 | 2.29 | * | 31,309 | 19,099 |
| TOTAL FOR PROJ NO. 2025CPT.01.06.20082 | | | | | | | | | | 6.903 | | | | * | 92,338 | 56,327 |
| 2025CPT.01.06.20462 | Hertford | 4 | SR-1110 / WEST BRICKMILL ROAD/EAST BRICKMILL ROAD | FROM BERTIE CO TO BERTIE CO | 1 | 2 | 2WU | NO | NO | 1.139 | 20 | 0 | 1.139 | * | 14,799 | 9,027 |
| 2025CPT.01.06.20462 | Hertford | 5 | SR-1311 / BOONES BRIDGE ROAD | FROM SR 1313 (EDWIN EVANS RD.) TO BRIDGE #10 | 1 | 2 | 2WU | NO | NO | 3.962 | 22 | 2.84 | 6.802 | * | 54,679 | 33,354 |
| 2025CPT.01.06.20462 | Hertford | 6 | SR-1408 / EAST SALUDA HALL ROAD | FROM SR 1409 (HALL SIDING RD.) TO SR 1403 (AHOSKIE COFIEL RD.) | 1 | 2 | 2WU | NO | NO | 2.09 | 22 | 0.63 | 2.72 | * | 29,672 | 18,100 |
| TOTAL FOR PROJ NO. 2025CPT.01.06.20462 | | | | | | | | | | 7.191 | | | | * | 99,150 | 60,481 |
| GRAND TOTAL | | | | | | | | | | 14.094 | | | | 1 | 191,488 | 116,808 |

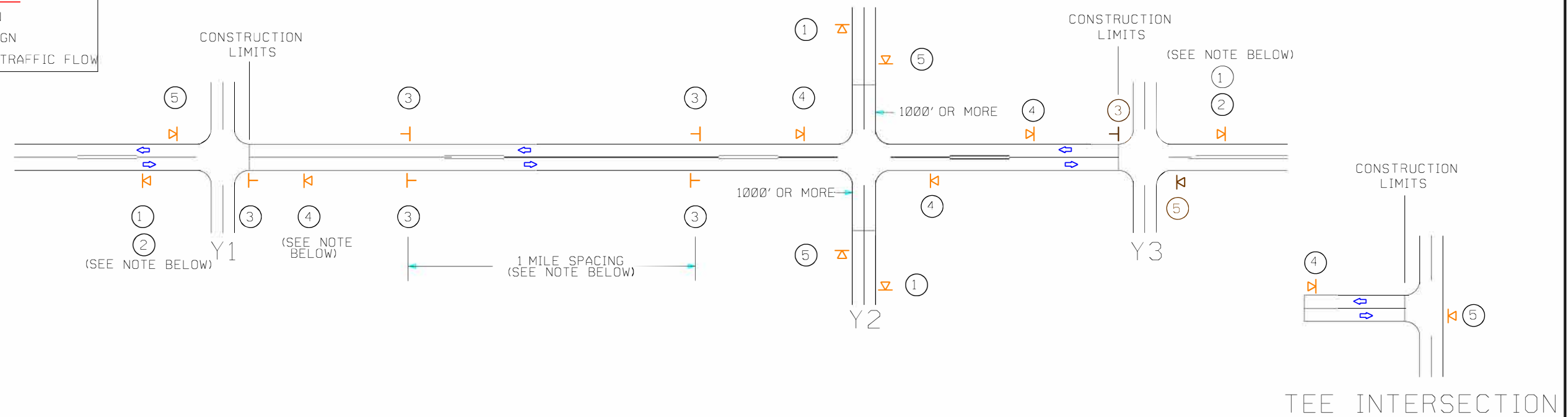
THERMOPLASTIC AND PAINT QUANTITIES

| PROJECT NO | COUNTY | MAP NO | ROUTE | DESCRIPTION | TYP NO | LANES | LANE TYPE | LENGTH | WIDTH | BEGIN MP | END MP | 4413000000-E | 4457000000-N |
|---|----------|--------|---|--|--------|-------|-----------|---------------|-------|----------|--------|---|--------------------------------|
| | | | | | | | | MI | FT | | | WORK ZONE ADVANCE / GENERAL WARNING SIGNING | TEMPORARY TRAFFIC CONTROL (SP) |
| | | | | | | | | | | | | SF | LS |
| 2025CPT.01.06.20082 | Bertie | 1 | SR-1232 / BRICK MILL RD | FROM HERTFORD CO TO NC 11 | 1 | 2 | 2WU | 1.01 | 20 | 0 | 1.01 | 112 | 1 |
| 2025CPT.01.06.20082 | Bertie | 2 | SR-1301 / PINE RIDGE RD | FROM SR 1001 (WAKELON ROAD) TO SR 1346 (BETHANY CHURCH RD.) | 1 | 2 | 2WU | 3.603 | 20 | 7.267 | 10.87 | 150 | * |
| 2025CPT.01.06.20082 | Bertie | 3 | SR-1344 / PERRYTOWN RD | FROM NC 45 TO SR 1345 (CALE RD.) | 1 | 2 | 2WU | 2.29 | 21 | 0 | 2.29 | 118 | * |
| TOTAL FOR PROJ NO. 2025CPT.01.06.20082 | | | | | | | | 6.903 | | | | 380 | * |
| 2025CPT.01.06.20462 | Hertford | 4 | SR-1110 / WEST BRICKMILL ROAD/EAST BRICKMILL ROAD | FROM BERTIE CO TO BERTIE CO | 1 | 2 | 2WU | 1.139 | 20 | 0 | 1.139 | 80 | * |
| 2025CPT.01.06.20462 | Hertford | 5 | SR-1311 / BOONES BRIDGE ROAD | FROM SR 1313 (EDWIN EVANS RD.) TO BRIDGE #10 | 1 | 2 | 2WU | 3.962 | 22 | 2.84 | 6.802 | 150 | * |
| 2025CPT.01.06.20462 | Hertford | 6 | SR-1408 / EAST SALUDA HALL ROAD | FROM SR 1409 (HALL SIDING RD.) TO SR 1403 (AHOSKIE COFIEL RD.) | 1 | 2 | 2WU | 2.09 | 22 | 0.63 | 2.72 | 118 | * |
| TOTAL FOR PROJ NO. 2025CPT.01.06.20462 | | | | | | | | 7.191 | | | | 348 | * |
| GRAND TOTAL | | | | | | | | 14.094 | | | | 728 | 1 |

SIGNING FOR ASPHALT SURFACE TREATMENT








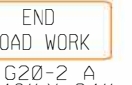
LEGEND

-  PORTABLE SIGN
-  STATIONARY SIGN
-  DIRECTION OF TRAFFIC FLOW



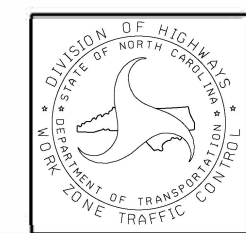
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

| | | | |
|---|---|---|---|
| SIGNING NOTES AND PLACEMENT PER DIRECTION | <p>①  ROAD WORK AHEAD W20-1 48" X 48"</p> <p>②  NEXT XX MILES W7-3aP 24" X 18"</p> | <p>- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>- SIGN #2 ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS.</p> | <p>STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <p>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS</p> |
| | <p>③  LOOSE GRAVEL W8-7 48" X 48"</p> <p> UNMARKED PAVEMENT SP 48" X 48"</p> | <p>- ALTERNATE THE FOLLOWING TWO SIGNS:</p> <p>- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</p> <p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p> | <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> |
| | <p>④  ROAD UNDER CONST SP 13106 48" X 48"</p> | <p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</p> <p>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</p> <p>- FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH.</p> <p>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p> | <p> ROAD WORK AHEAD W20-1 48" X 48"</p> <p>PLACED 500' IN ADVANCE OF FLAGGER.</p> <p> W20-7 A 48" X 48"</p> <p>PLACED 250' IN ADVANCE OF FLAGGER.</p> |
| | <p>⑤  END ROAD WORK G20-2 A 48" X 24"</p> | <p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p> | |
| | | <p>THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.</p> | |

MAPS LESS THAN 2 MILES

FOR ASPHALT RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY "LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.



ADVANCE WARNING SIGNS FOR 2-LANE ROADWAY ASPHALT SURFACE TREATMENT

\$\$\$\$SYTIME\$\$\$\$
\$\$\$\$SUBSERVNAME\$\$\$\$