

WBS NO: 2026CPT.01.14.20212, ETC.

CONTRACT: DA00665

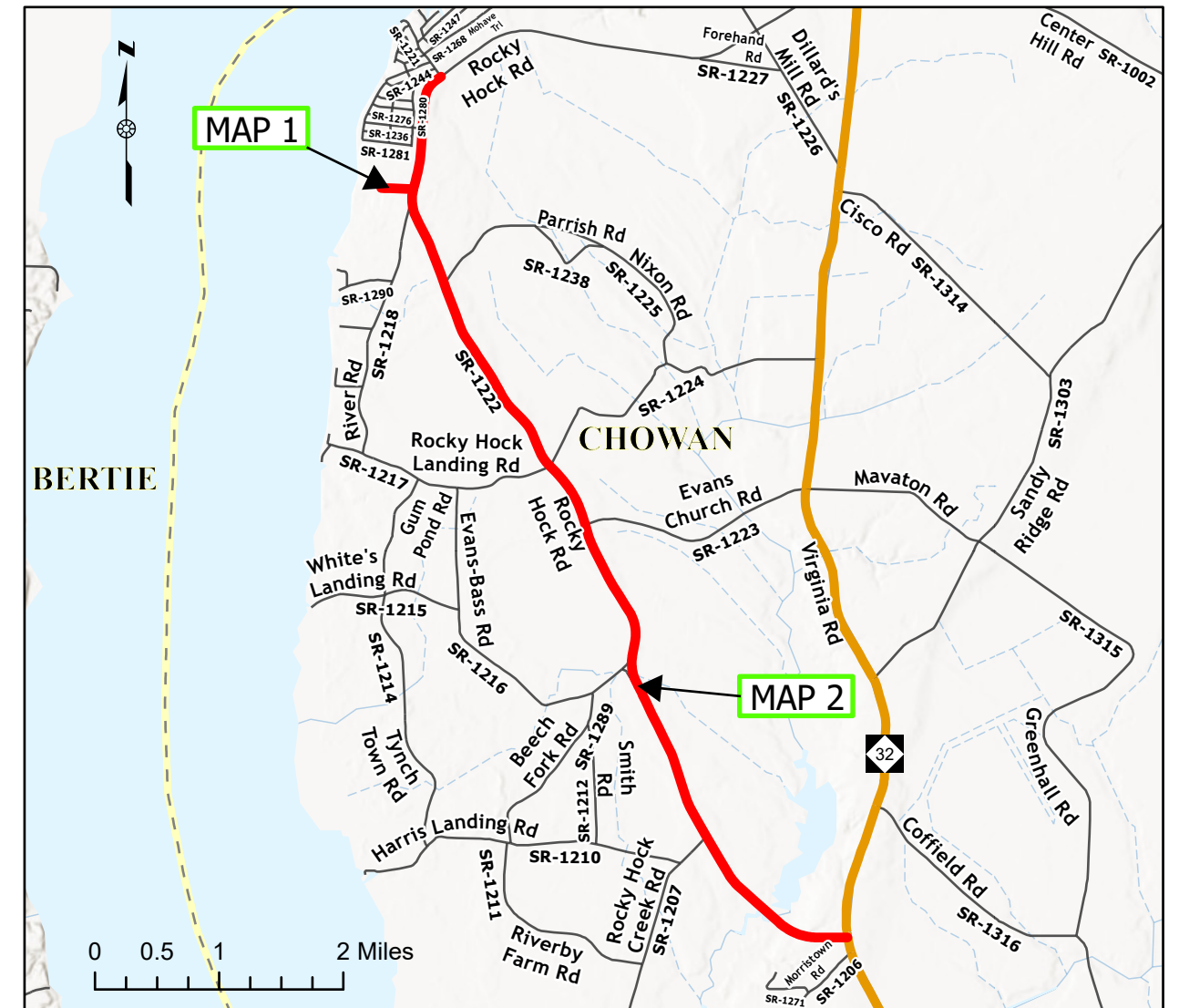
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS**

CHOWAN

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.01.14.20212, ETC.	1
STATE PROJECT NUMBER		DESCRIPTION
2026CPT.01.14.20212		P.E., CONST.

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL

MAP	ROUTE	FROM	TO
01	SR 1220 (Dye Plant Rd.)	SR 1222 (Rocky Hock Rd.)	End of Maintenance
02	SR 1222 (Rocky Hock Rd.)	NC 32	SR 1221 (Bandon Rd.)



PROJECT LENGTH

MAP	MILES
01	0.21
02	6.688

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

D. J. CLODGO, PE, PMP
DIVISION PROJECT TEAM LEAD

D. H. STALLINGS
DIVISION DESIGN ENGINEER



WBS NO: 2026CPT.01.14.20212, ETC.

CONTRACT: DA00665

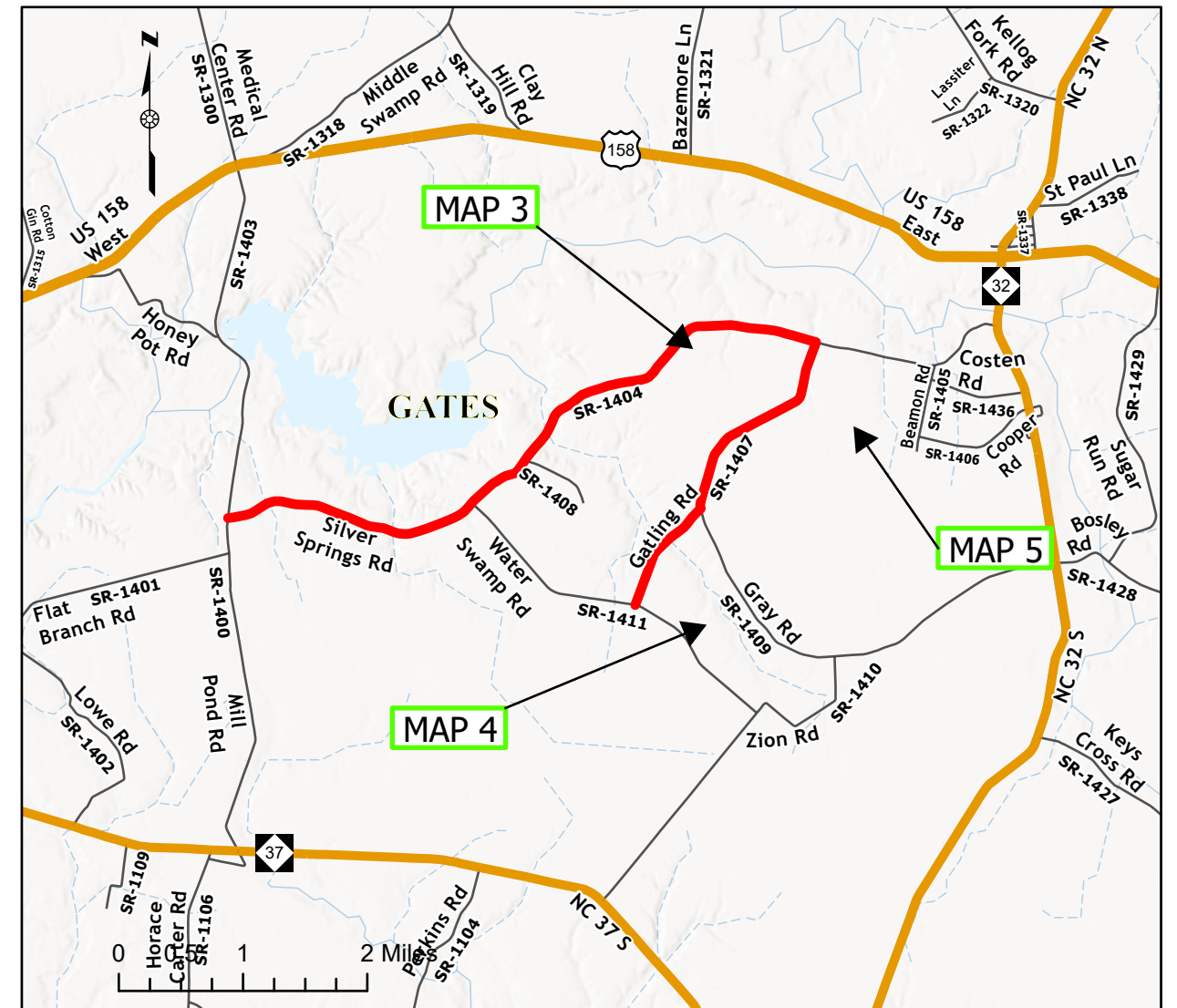
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS**

GATES

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.01.14.20212, ETC.	2
STATE PROJECT NUMBER		DESCRIPTION
2026CPT.01.14.20372		P.E., CONST.

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL

MAP	ROUTE	FROM	TO
03	SR 1404 (Silver Springs Rd.)	SR 1400 (Millpond Rd.)	SR 1407 (Gatling Rd.)
04	SR 1407 (Gatling Rd.)	SR 1411 (Water Swamp Rd.)	SR 1409 (Gray Rd.)
05	SR 1407 (Gatling Rd.)	SR 1409 (Gray Rd.)	SR 1404 (Silver Springs Rd.)



PROJECT LENGTH

MAP	MILES
03	4.41
04	0.77
05	1.41

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

D. J. CLODGO, PE, PMP
DIVISION PROJECT TEAM LEAD

D. H. STALLINGS
DIVISION DESIGN ENGINEER

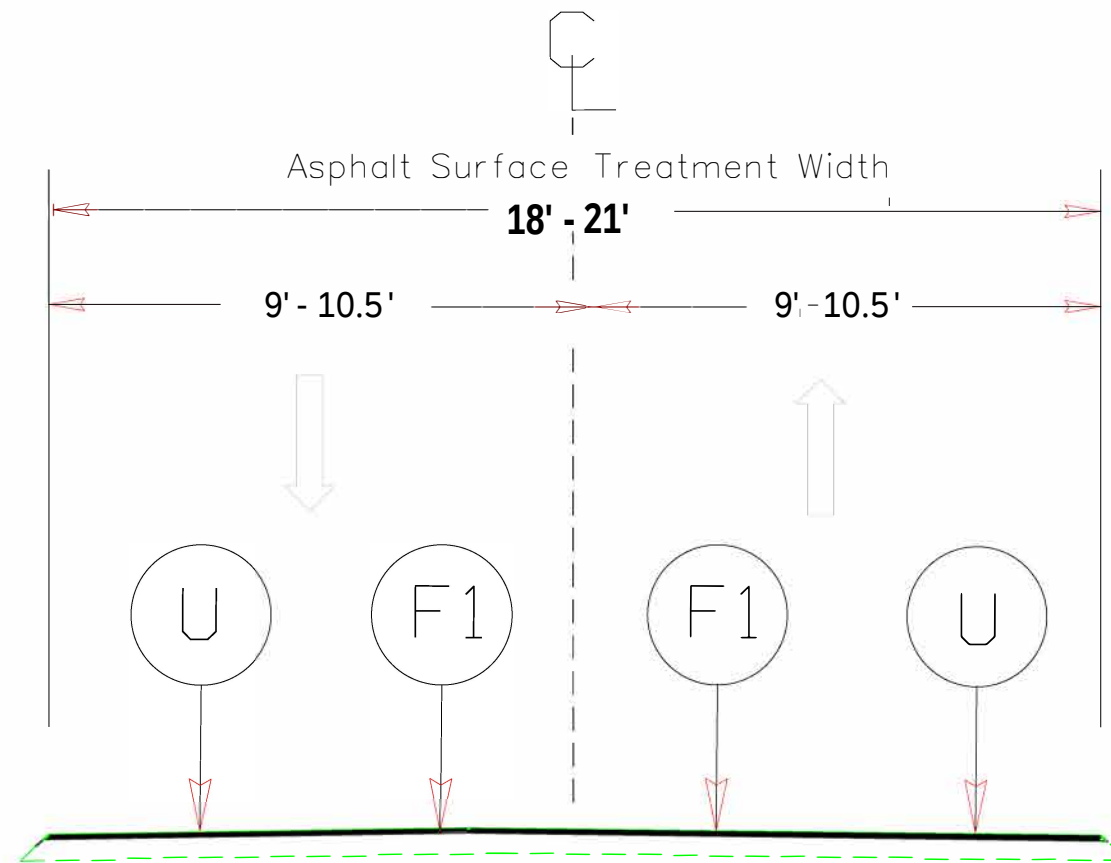


PAVEMENT SCHEDULE

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 1
 USE WITH MAPS 1- 6

WBS NO: 2026CPT.01.14.20212, ETC.

CONTRACT: DA00665

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CHOWAN

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.01.14.20212, ETC.	5
STATE PROJECT NUMBER		DESCRIPTION

STOCKPILE LOCATION: NC DOT CHOWAN MAINTENANCE FACILITY

*NC DOT CHOWAN MAINTENANCE FACILITY
134 SANDY RIDGE RD
TYNER NC 27980*

SITE CONTACT:

*Garry Felton
(252) 306-6001
gfelton@ncdot.gov*



PROJECT LENGTH

Total Length: 15.225 Miles

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

D. J. CLODGO, PE, PMP
DIVISION PROJECT TEAM LEAD

D. H. STALLINGS
DIVISION DESIGN ENGINEER



PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.01.14.20212, ETC.	6	

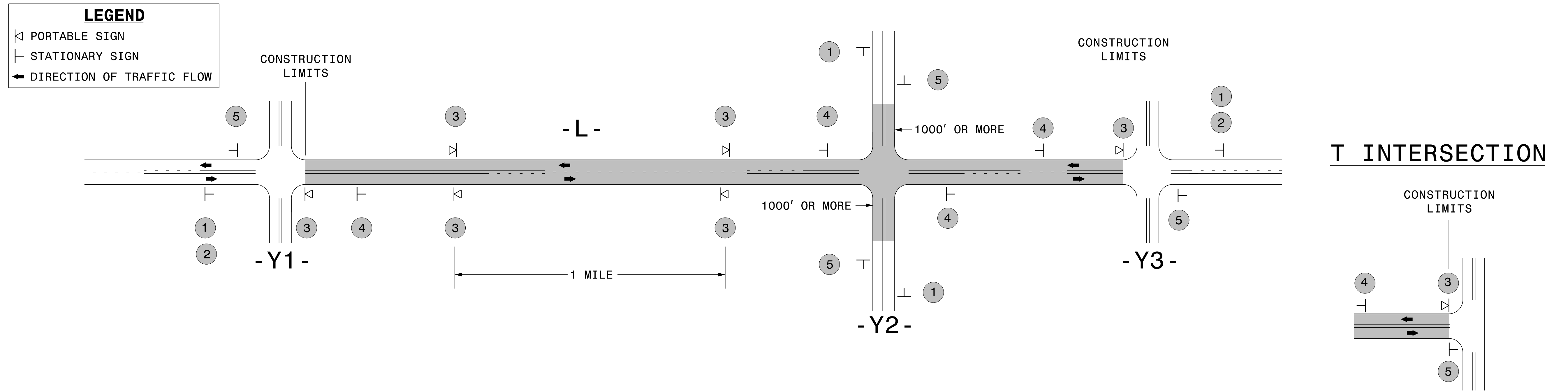
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	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				LS	SY	GAL
2026CPT.01.14.20212	Chowan	1	SR-1220 / DYE PLANT RD	FROM SR 1222 (ROCKY HOCK RD.) TO END OF MAINTENANCE	1	2	2WU	0.210	18	0.000	0.210	1	2,218	1,353
2026CPT.01.14.20212	Chowan	2	SR-1222 / ROCKY HOCK RD	FROM NC 32 TO SR 1221 (BRANDON RD.)	1	2	2WU	6.688	20	0.000	6.688	*	81,789	48,881
TOTAL FOR PROJ NO. 2026CPT.01.14.20212								6.898				*	84,007	50,234
2026CPT.01.14.20372	Gates	3	SR-1404 / SILVER SPRINGS RD	FROM SR 1400 (MILLPOND RD.) TO SR 1407 (GATLING RD.)	1	2	2WU	4.410	21	0.000	4.410	*	54,516	32,599
2026CPT.01.14.20372	Gates	4	SR-1407 / GATLING RD	FROM SR 1411 (WATER SWAMP RD.) TO SR 1409 (GRAY RD.)	1	2	2WU	0.770	21	0.000	0.770	*	9,486	5,691
2026CPT.01.14.20372	Gates	5	SR-1407 / GATLING RD	FROM SR 1409 (GRAY RD.) TO SR 1404 (SILVER SPRINGS RD.)	1	2	2WU	1.410	21	0.770	2.180	*	17,371	10,423
TOTAL FOR PROJ NO. 2026CPT.01.14.20372								6.590				*	81,373	48,713
2026CPT.01.14.20722	Perquimans	6	SR-1002 / COUNTY LINE RD	FROM SR 1117 (BEECH SPRINGS RD.) TO SR 1115 (POPLAR NECK RD.)	1	2	2WU	1.737	18	6.730	8.467	*	18,657	11,194
TOTAL FOR PROJ NO. 2026CPT.01.14.20722								1.737				*	18,657	11,194
GRAND TOTAL								15.225				1	184,037	110,141

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				SF	LS
2026CPT.01.14.20212	Chowan	1	SR-1220 / DYE PLANT RD	FROM SR 1222 (ROCKY HOCK RD.) TO END OF MAINTENANCE	1	2	2WU	0.210	18	0.000	0.210	112	1
2026CPT.01.14.20212	Chowan	2	SR-1222 / ROCKY HOCK RD	FROM NC 32 TO SR 1221 (BRANDON RD.)	1	2	2WU	6.688	20	0.000	6.688	486	*
TOTAL FOR PROJ NO. 2026CPT.01.14.20212								6.898				598	*
2026CPT.01.14.20372	Gates	3	SR-1404 / SILVER SPRINGS RD	FROM SR 1400 (MILLPOND RD.) TO SR 1407 (GATLING RD.)	1	2	2WU	4.410	21	0.000	4.410	230	*
2026CPT.01.14.20372	Gates	4	SR-1407 / GATLING RD	FROM SR 1411 (WATER SWAMP RD.) TO SR 1409 (GRAY RD.)	1	2	2WU	0.770	21	0.000	0.770	59	*
2026CPT.01.14.20372	Gates	5	SR-1407 / GATLING RD	FROM SR 1409 (GRAY RD.) TO SR 1404 (SILVER SPRINGS RD.)	1	2	2WU	1.410	21	0.770	2.180	59	*
TOTAL FOR PROJ NO. 2026CPT.01.14.20372								6.590				348	*
2026CPT.01.14.20722	Perquimans	6	SR-1002 / COUNTY LINE RD	FROM SR 1117 (BEECH SPRINGS RD.) TO SR 1115 (POPLAR NECK RD.)	1	2	2WU	1.737	18	6.730	8.467	136	*
TOTAL FOR PROJ NO. 2026CPT.01.14.20722								1.737				136	*
GRAND TOTAL								15.225				1,082	1

SIGNING FOR ASPHALT SURFACE TREATMENT



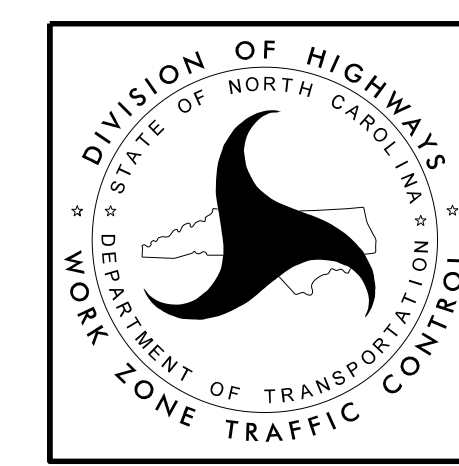
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	<p>1 </p> <p>2 </p>	<ul style="list-style-type: none"> - PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. - SIGN 2 MAY BE OMITTED FOR T INTERSECTIONS. FOLLOW T INTERSECTION SIGNING DETAIL ABOVE. - SIGN 2 MAY BE OMITTED WHEN CONSTRUCTION LIMITS ARE LESS THAN 2 MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS. 	<p>NO STATIONARY SIGNING REQUIRED 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>SIGNS 1 & 5 ARE REQUIRED FOR -Y- LINES WITH 1000' OR MORE OF RESURFACING OR PAVING</p> <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE MOUNTED 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;"> PLACED 500' IN ADVANCE OF FLAGGER </div> <div style="text-align: center;"> PLACED 250' IN ADVANCE OF FLAGGER </div> </div>
	<p>3 </p> <p></p> <p></p>	<ul style="list-style-type: none"> - BEGIN SEQUENCE WITH LOOSE GRAVEL SIGN INSTALLED AT THE CONSTRUCTION LIMITS FOLLOWED BY AN UNMARKED PAVEMENT SIGN INSTALLED A MILE THEREAFTER. REPEAT SEQUENCE THROUGHOUT CONSTRUCTION LIMITS. - PLACE ADDITIONAL PORTABLE MOUNTED LOOSE GRAVEL SIGNS WITHIN 100' OF -Y- LINE APPROACH DURING CURE TIME. REMOVE WHEN PAVEMENT MARKINGS ARE INSTALLED. 	
	<p>4 </p>	<ul style="list-style-type: none"> - 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. - FOR T INTERSECTIONS, INSTALL WITHIN 500' OF THE INTERSECTION. 	
	<p>5 </p>	<ul style="list-style-type: none"> - PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR WITHIN 100' OF T INTERSECTION AS SHOWN IN THE ABOVE DETAIL. 	
	<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 AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, INSTALL A PORTABLE MOUNTED LOOSE GRAVEL (W8-7) SIGN AT THE BEGINNING CONSTRUCTION LIMIT, AN UNMARKED PAVEMENT (SP) SIGN MIDWAY THROUGH AND AN END ROAD WORK (G20-2A) SIGN AT THE END CONSTRUCTION LIMIT.



ADVANCE WARNING SIGNS FOR 2-LANE ROADWAY ASPHALT SURFACE TREATMENT