

WBS NO: 2024CPT.01.10.20212, ETC.

CONTRACT: DA00578

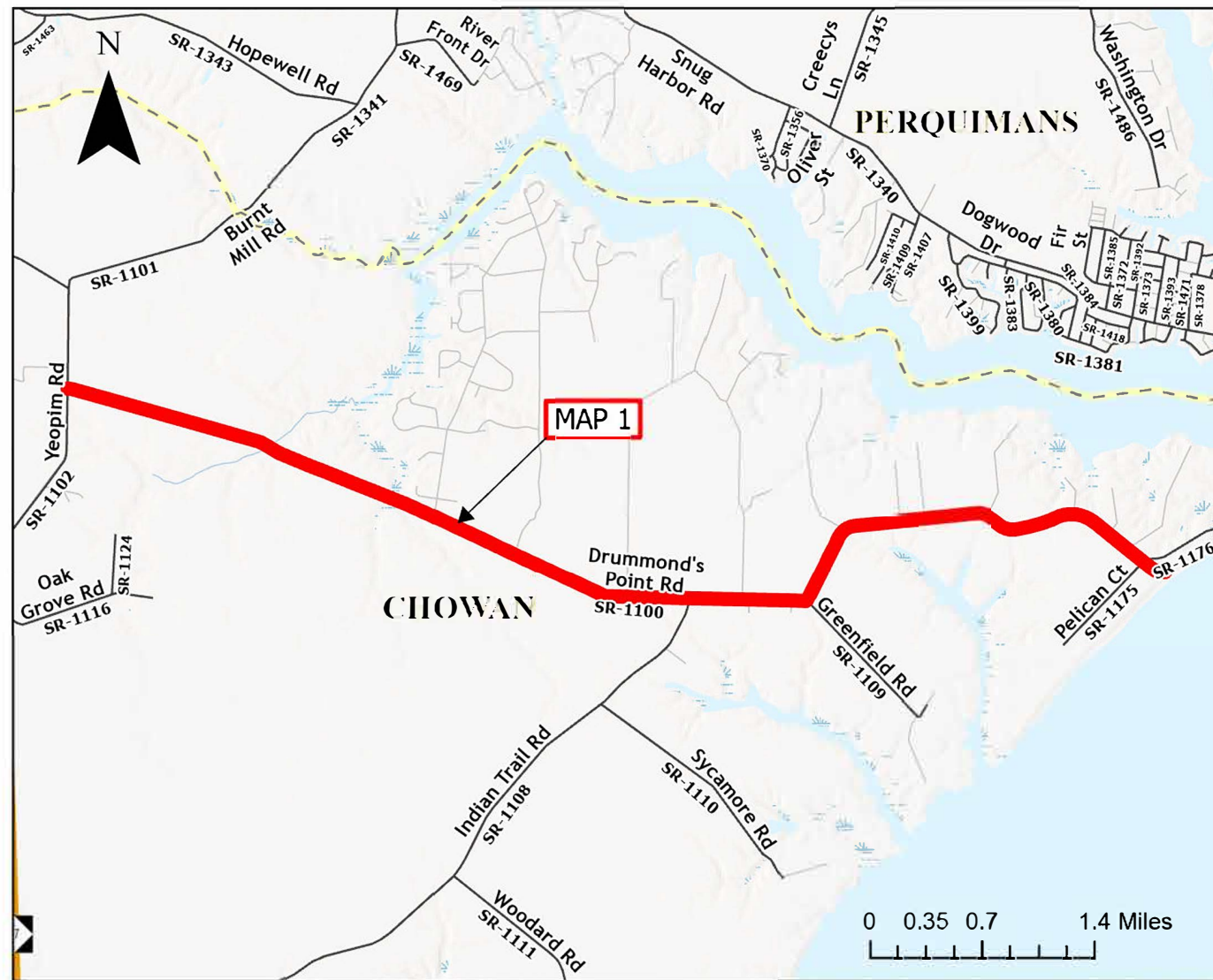
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CHOWAN

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.01.10.20212, ETC.	1
STATE PROJECT NUMBER		DESCRIPTION
2024CPT.01.10.20212		

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL

MAP	ROUTE	FROM	TO
01	SR 1100 (Drummond's Point Rd.)	SR 1102 (Yeopim Rd.)	Dead End



PROJECT LENGTH

MAP	MILES
01	6.08

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

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

C. E. SLACHTA
DIVISION CONTRACT ENGINEER

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

D. H. STALLINGS
DIVISION DESIGN ENGINEER



WBS NO: 2024CPT.01.10.20212, ETC.

CONTRACT: DA00578

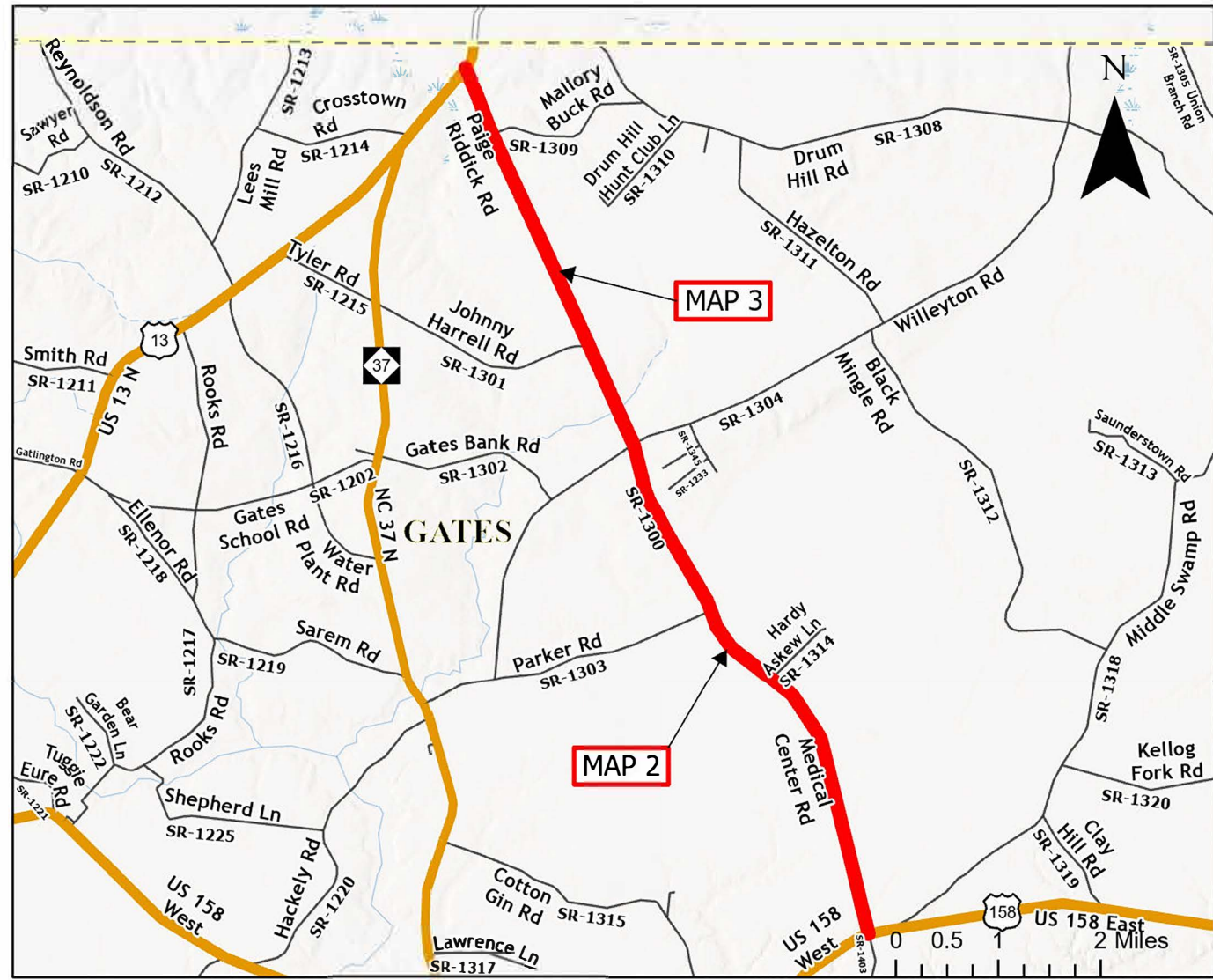
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GATES

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.01.10.20212, ETC.	2
STATE PROJECT NUMBER		DESCRIPTION
2024CPT.01.10.20372		

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL

MAP	ROUTE	FROM	TO
02	SR 1300 (Medical Center)	US 158	SR 1304 (Willeyton Rd.)
03	SR 1300 (Paige Riddick)	SR 1304 (Willeyton Rd.)	US 13



PROJECT LENGTH

MAP	MILES
02	4.37
03	3.23

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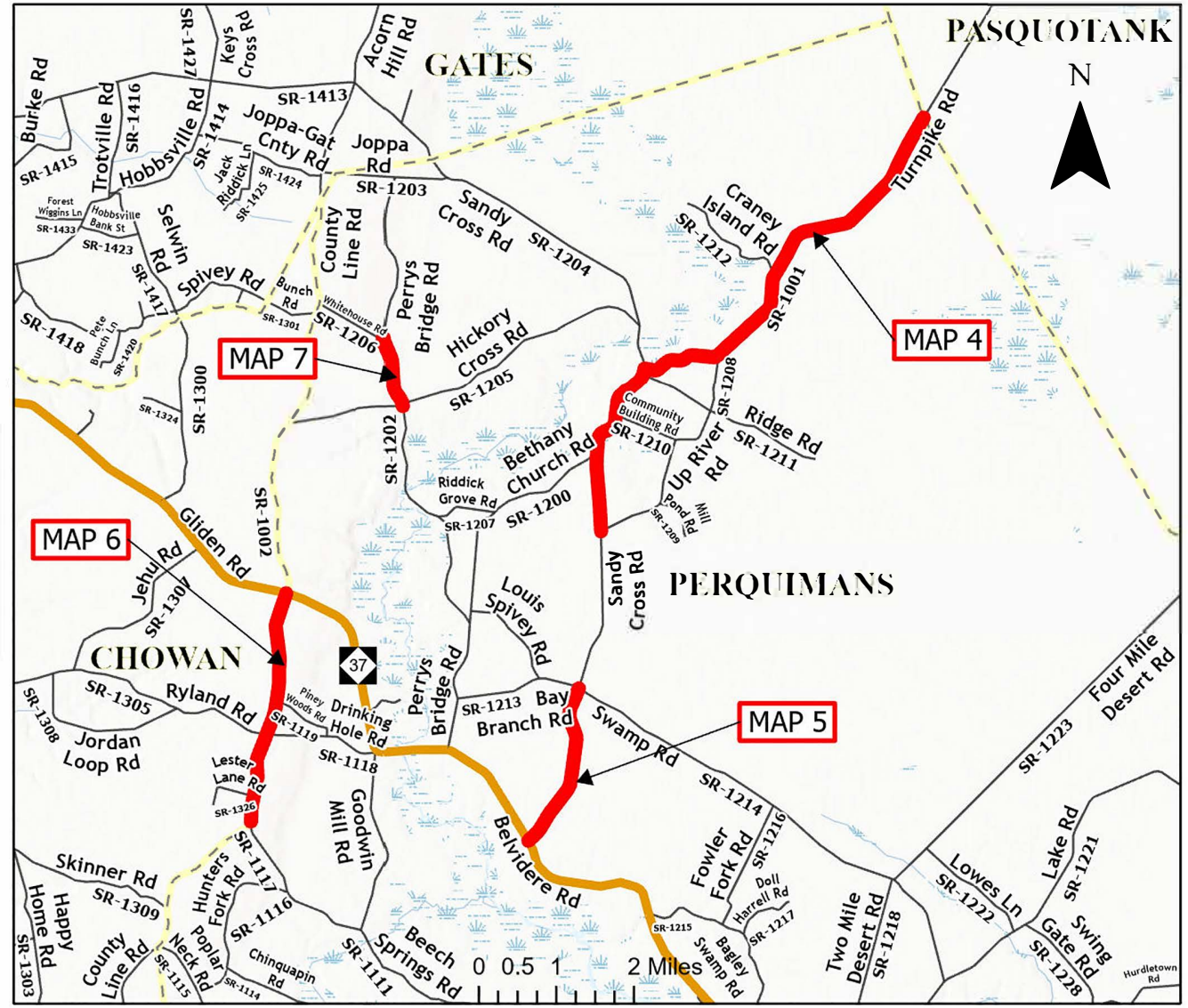
CONTRACT: DA00578

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PERQUIMANS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.01.10.20212, ETC.	3
STATE PROJECT NUMBER		DESCRIPTION
2024CPT.01.10.20722		

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL



MAP	ROUTE	FROM	TO
04	SR 1001 (Turnpike/Sandy Cross Rd.)	Pasquotank Co	SR 1208 (Up River Rd.)
05	SR 1001 (Sandy Cross Rd.)	SR 1214 (Bay Branch Rd.)	NC 37
06	SR 1002 (County Line Rd.)	NC 37	SR 1117 (Beech Springs Rd.)
07	SR 1202 (Perry's Bridge Rd.)	SR 1205 (Hickory Cross Rd.)	SR 1206 (Whitehouse Rd.)

PROJECT LENGTH

MAP	MILES
04	6.16
05	1.74
06	2.43
07	0.75

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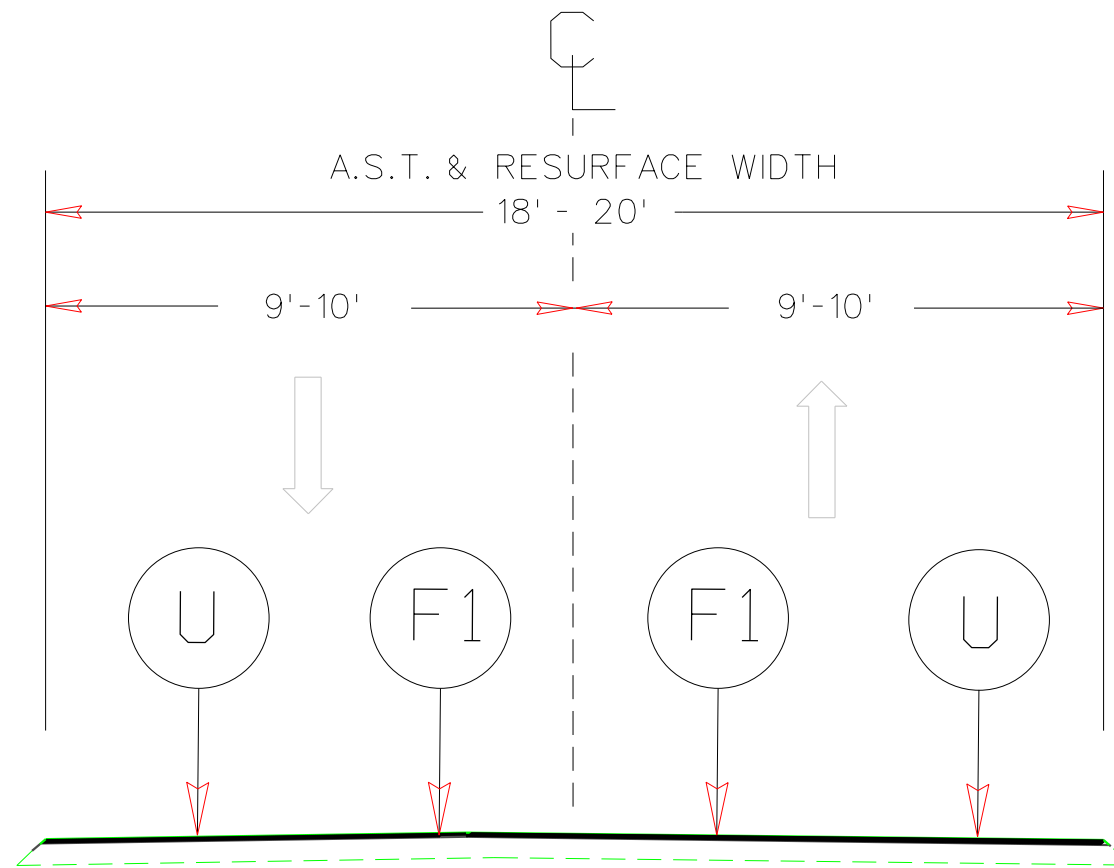


P A V E M E N T S C H E D U L E

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*.
- * ALL AGGREGATE MATERIAL SHALL BE FURNISHED BY NCDOT. THE #78M STONE & LIGHTWEIGHT AGGREGATE WILL BE STOCKPILED AT NCDOT OWNED LOCATIONS, DESIGNATED IN THE PLANS. CONTRACTOR WILL BE RESPONSIBLE FOR LOADING, HAULING, & PLACING MATERIAL AT THE DESIGNATED APPLICATION RATES AS SPECIFIED IN THE PLANS AND SPECIAL PROVISIONS IN THE CONTRACT.



TYPICAL SECTION NO. 1
 USE WITH MAPS 1-7

WBS NO: 2024CPT.01.10.20212, ETC.

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GATES

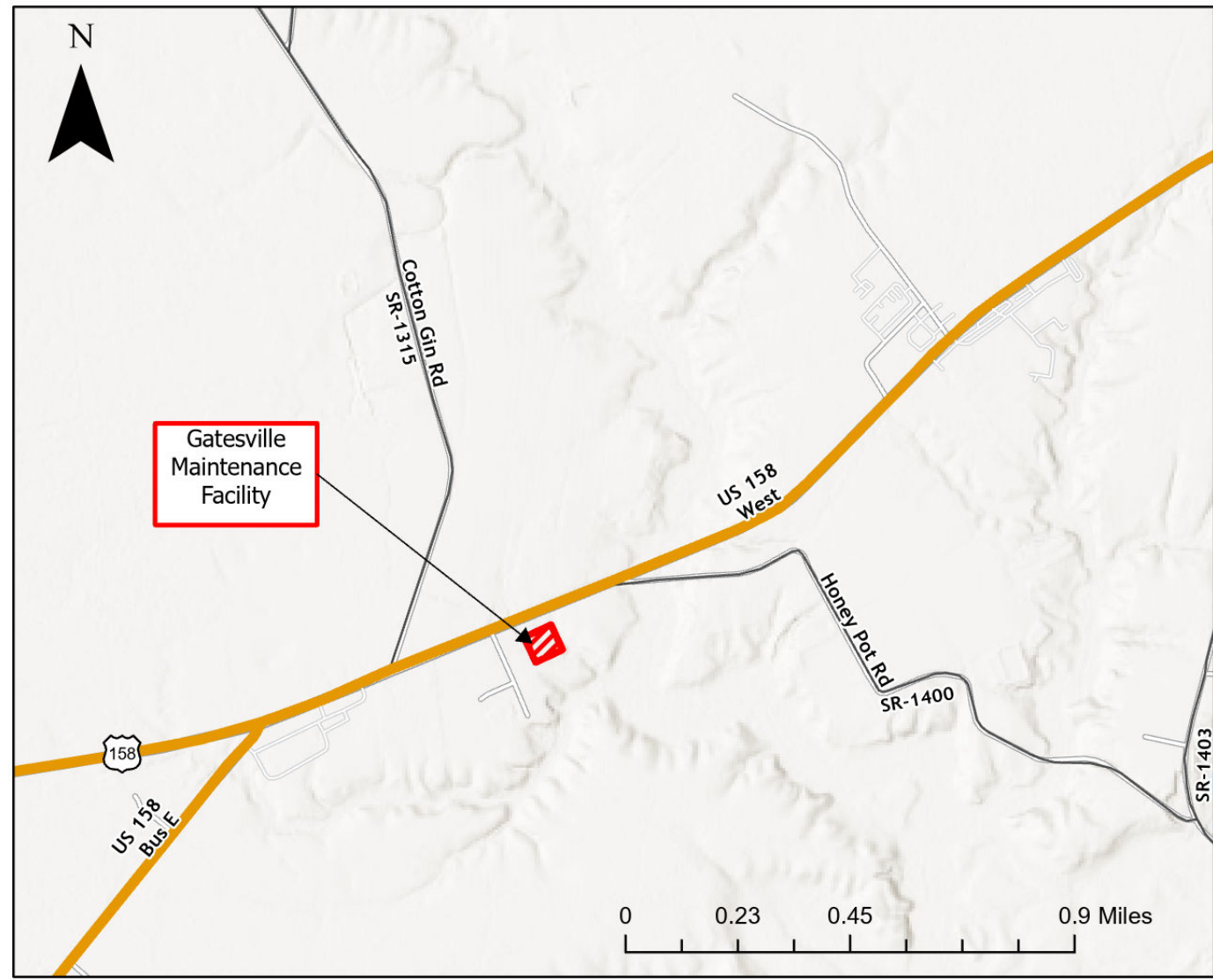
STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.01.10.20212, ETC.	6
STATE PROJECT NUMBER		DESCRIPTION

STOCKPILE LOCATION: NC DOT GATESVILLE MAINTENANCE FACILITY

NC DOT GATESVILLE MAINTENANCE FACILITY
304 US HWY 158 WEST
GATESVILLE NC 27938

SITE CONTACT:

Ryan Howell
(252) 401-6053
jrhowell3@ncdot.gov



PROJECT LENGTH

Total Length 24.76 Miles

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

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DIV. PROJ. DEVELOPMENT ENGINEER

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CONTRACT: DA00578

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PERQUIMANS

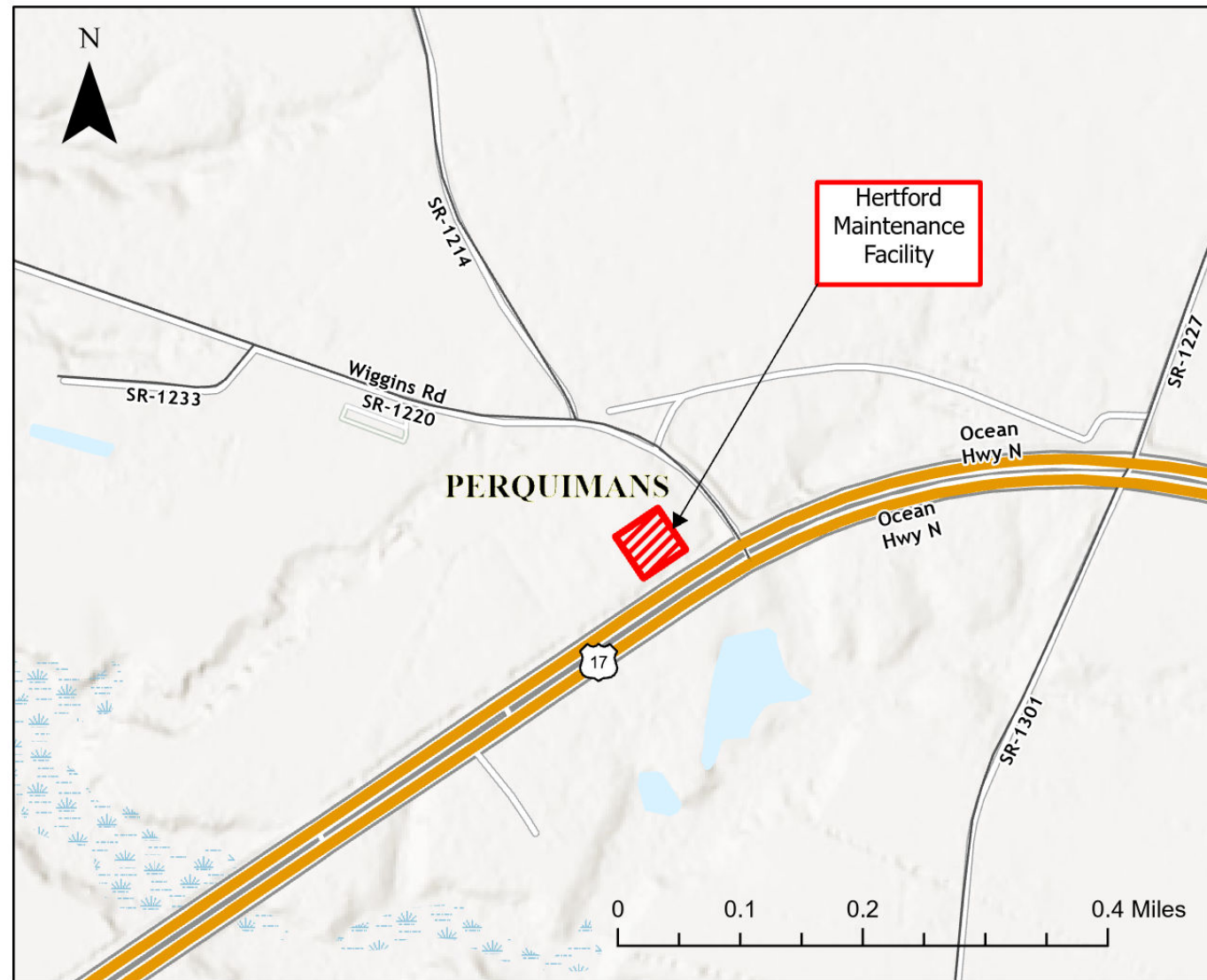
STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.01.10.20212, ETC.	7
STATE PROJECT NUMBER		DESCRIPTION

STOCKPILE LOCATION: NC DOT HERTFORD MAINTENANCE FACILITY

NC DOT HERTFORD MAINTENANCE FACILITY
427 OCEAN HWY NORTH
HERTFORD NC 27944

SITE CONTACT:

Stephen Copeland
(252) 426-4170
scopeland1@ncdot.gov



PROJECT LENGTH

Total Length 24.76 Miles

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PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.01.10.20212, ETC.	8	

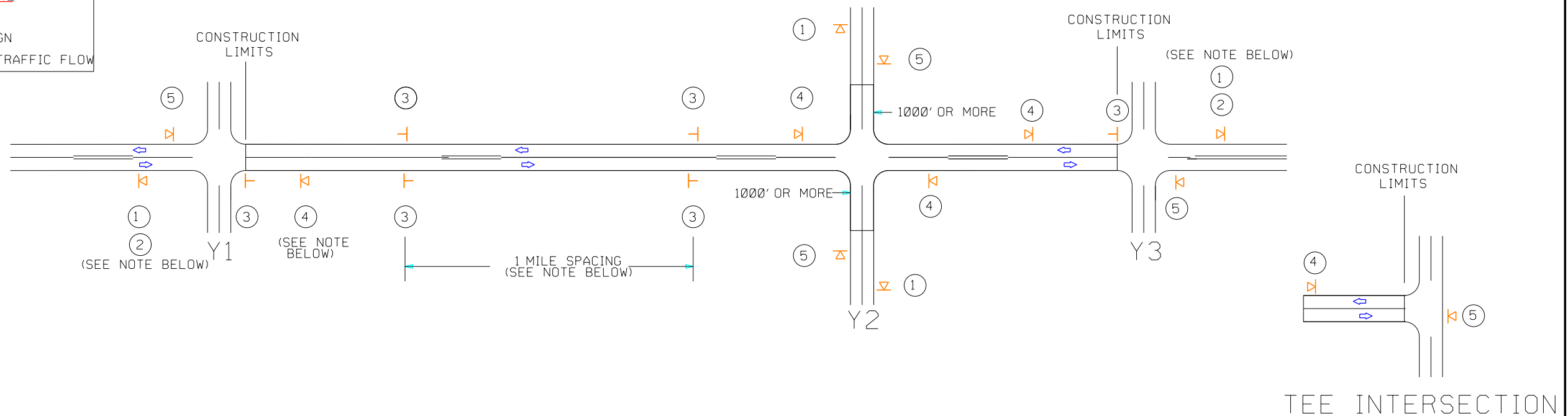
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	0000100000-N	1803500000-E	1838000000-E	4413000000-E	4457000000-N
												MOBILIZATION	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	WORK ZONE ADVANCE / GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL (SP)
										MI	FT	LS	SY	GAL	SF	LS
2024CPT.01.10.20212	Chowan	1	SR-1100 / DRUMMOND'S POINT RD	FROM SR 1102 TO DEAD END	1	2	2WU	NO	NO	6.08	20	1	72,995	43,800	624	1
TOTAL FOR PROJ NO. 2024CPT.01.10.20212										6.08		*	72,995	43,800	624	*
2024CPT.01.10.20372	Gates	2	SR-1300 / MEDICAL CENTER ROAD	FROM US 158 TO SR 1304 (WILLEYTON ROAD)	1	2	2WU	NO	NO	4.37	20	*	51,685	31,020	544	*
2024CPT.01.10.20372	Gates	3	SR-1300 / PAIGE RIDDICK ROAD	FROM SR 1304 (WILLEYTON ROAD) TO US 13	1	2	2WU	NO	NO	3.23	20	*	38,634	23,180	456	*
TOTAL FOR PROJ NO. 2024CPT.01.10.20372										7.60		*	90,319	54,200	1,000	*
2024CPT.01.10.20722	Perquimans	4	SR-1001 / TURNPIKE / SANDY CROSS ROAD	FROM PASQUOTANK COUNTY LINE TO SR 1208 (UP RIVER ROAD)	1	2	2WU	NO	NO	6.16	18	*	69,341	41,659	864	*
2024CPT.01.10.20722	Perquimans	5	SR-1001 / SANDY CROSS RD	FROM SR 1214 (BAYBRANCH ROAD) TO NC 37	1	2	2WU	NO	NO	1.74	19	*	19,395	11,637	251	*
2024CPT.01.10.20722	Perquimans	6	SR-1002 / COUNTY LINE RD	FROM NC 37 TO SR 1117 (BEECH SPRINGS ROAD)	1	2	2WU	NO	NO	2.43	18	*	26,771	16,065	1,361	*
2024CPT.01.10.20722	Perquimans	7	SR-1202 / PERRYS BRIDGE RD	FROM SR 1205 (HICKORY CROSS ROAD) TO SR 1206 (WHITEHOUSE ROAD)	1	2	2WU	NO	NO	0.75	18	*	9,935	5,970	144	*
TOTAL FOR PROJ NO. 2024CPT.01.10.20722										11.08		*	125,442	75,331	2,620	*
GRAND TOTAL										24.76		1	288,756	173,331	4,244	1

SIGNING FOR ASPHALT SURFACE TREATMENT









LEGEND

-  PORTABLE SIGN
-  STATIONARY SIGN
-  DIRECTION OF TRAFFIC FLOW



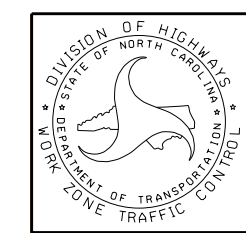
MAINLINE (-L-) SIGNING

-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 AST 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*****
*****SUNSHINE*****
*****SERVING*****