

CONTRACT: DA00621



WBS NO: 2025CPT.01.13.20082, ETC.

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STATE OF NORTH CAROLINA

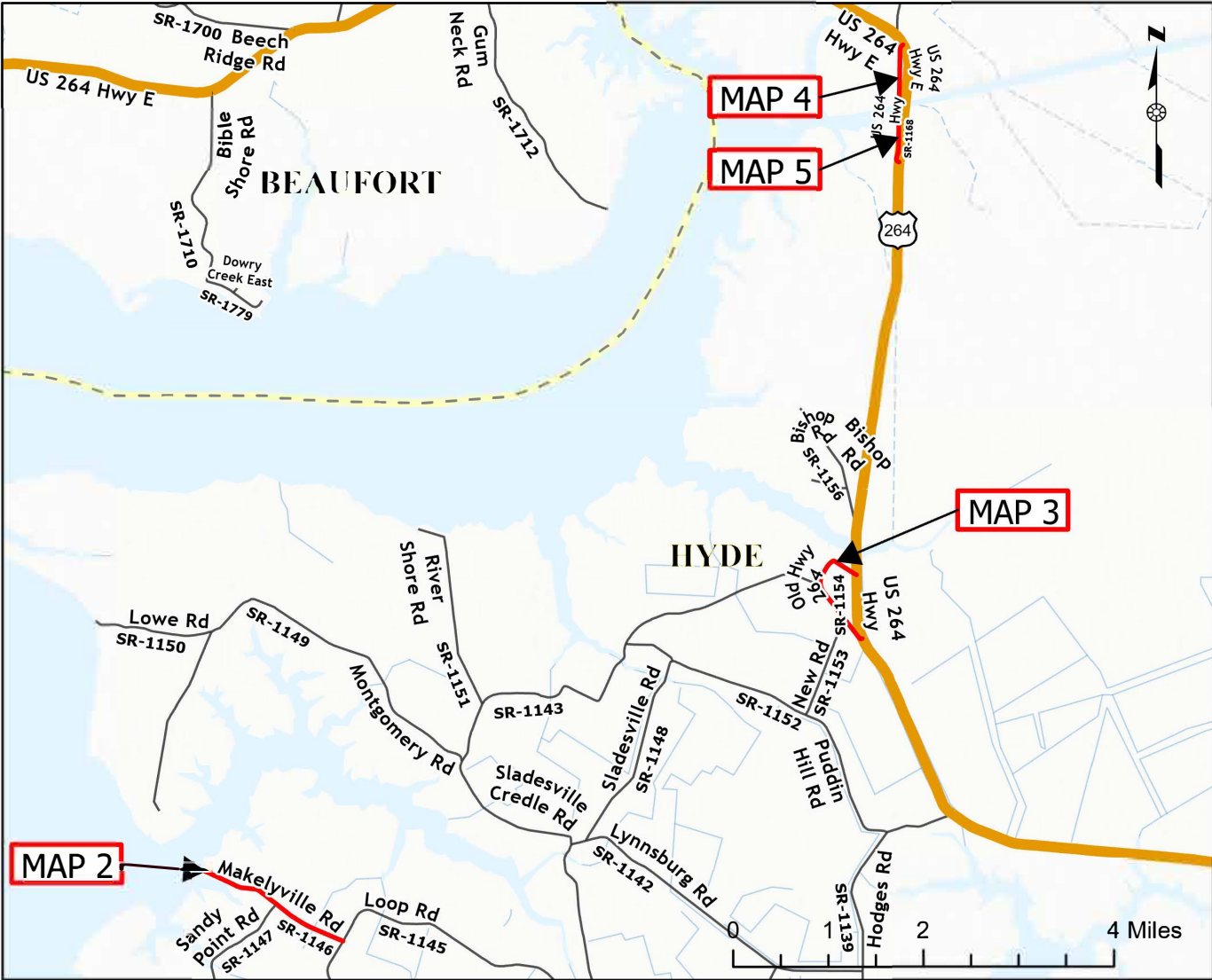
DIVISION OF HIGHWAYS

HYDE

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2025CPT.01.13.20082, ETC.	2
STATE PROJECT NUMBER		DESCRIPTION
2025CPT.01.13.20482		P.E., CONST.

TYPE OF WORK: ASPHALT SURFACE TREATMENT

MAP	ROUTE	FROM	TO
02	SR 1146 (Makelyville Rd.)	Dead End	SR 1145 (Loop Rd.)
03	SR 1154 (Old US 264)	US 264	US 264
04	SR 1167 (W. Carolina Pines Rd.)	Dead End	US 264
05	SR 1168 (Firetower Rd.)	Dead End	US 264



PROJECT LENGTH

MAP	MILES
02	1.37
03	1.071
04	0.496
05	0.433

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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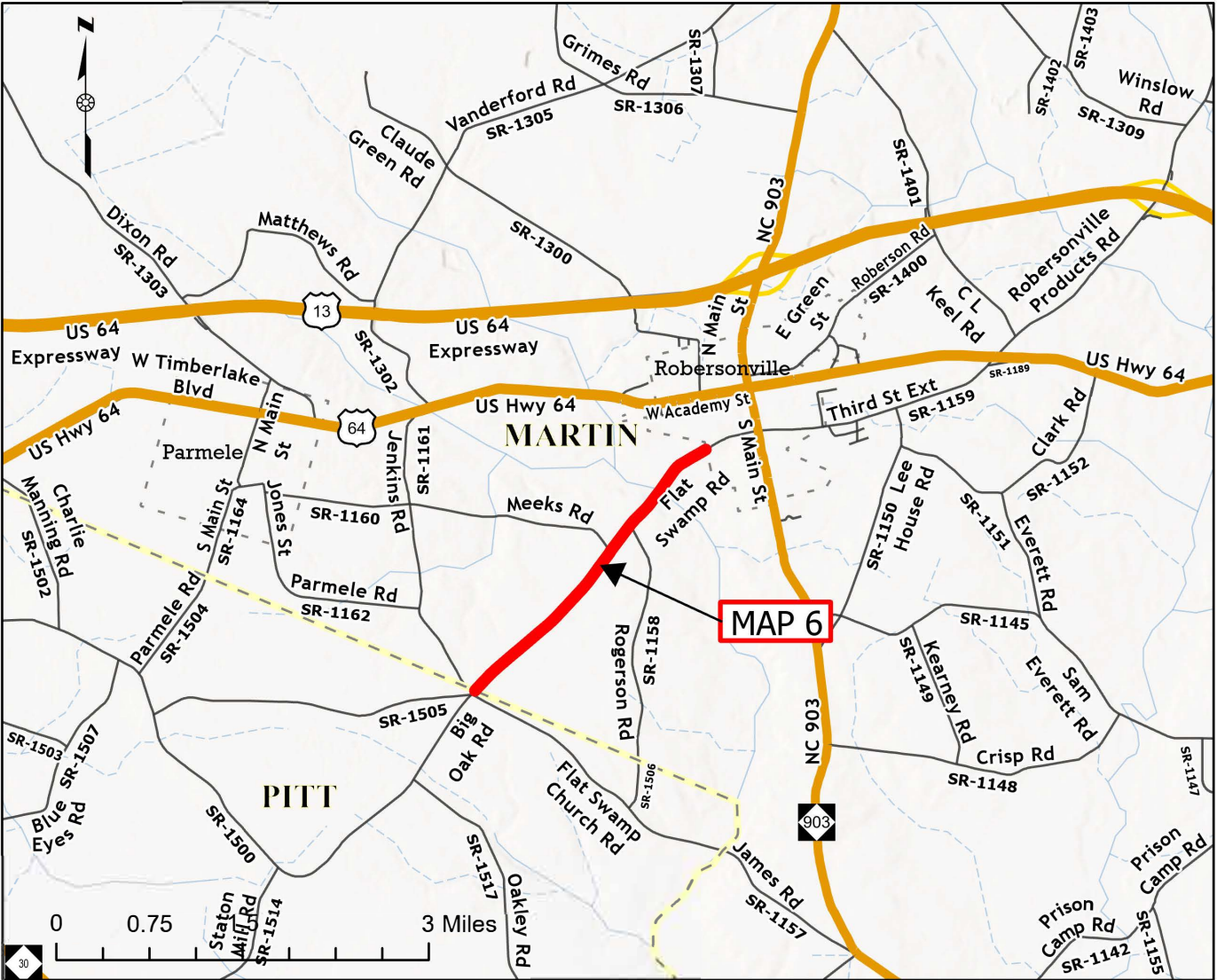
DIVISION OF HIGHWAYS

MARTIN

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2025CPT.01.13.20082, ETC.	3
STATE PROJECT NUMBER		DESCRIPTION
2025CPT.01.13.20582		P.E., CONST.

TYPE OF WORK: ASPHALT SURFACE TREATMENT

MAP	ROUTE	FROM	TO
06	SR 1159 (Flat Swamp Rd.)	Pitt County Line	C&G



PROJECT LENGTH

MAP	MILES
06	2.21

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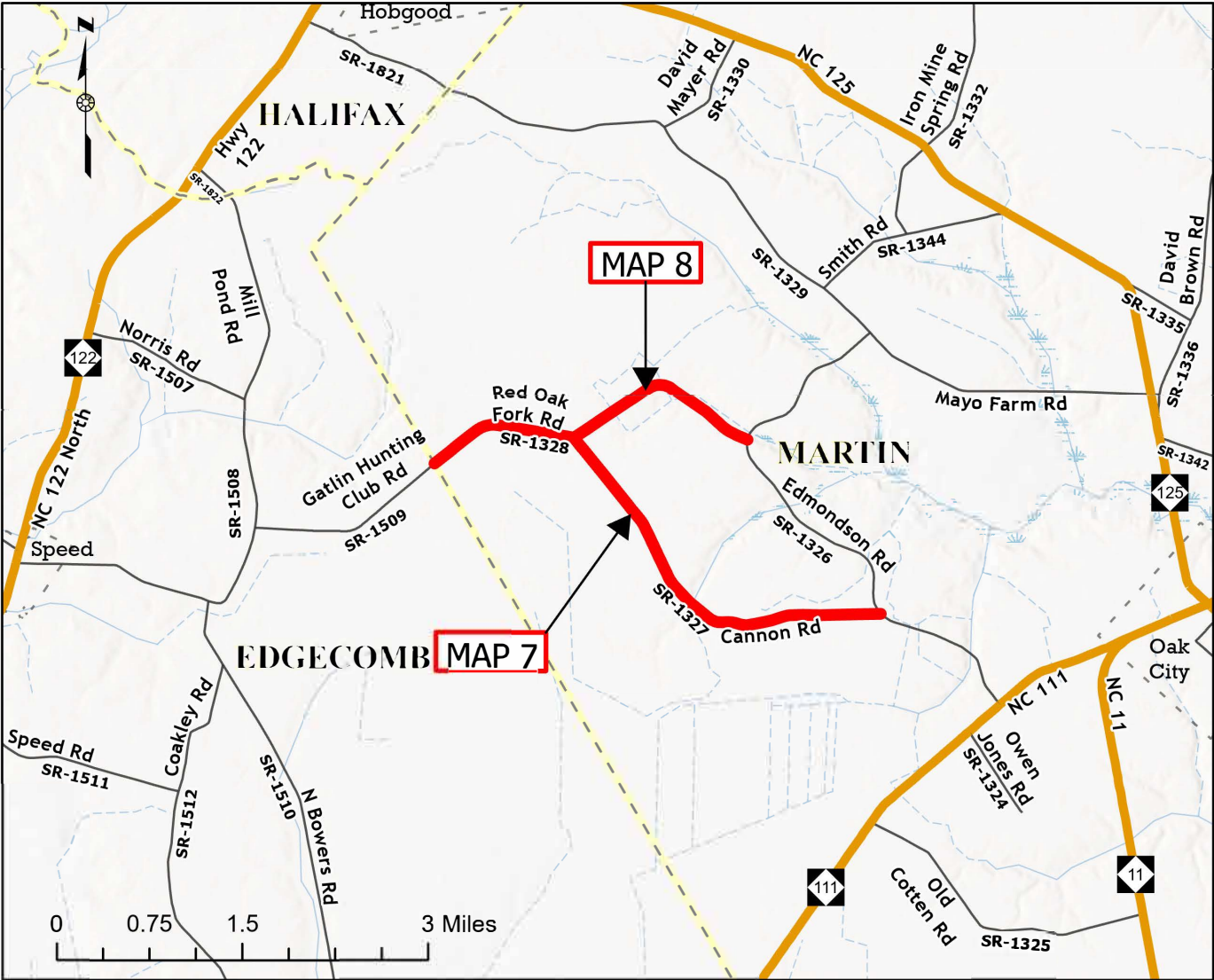
DIVISION OF HIGHWAYS

MARTIN

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2025CPT.01.13.20082, ETC.	4
STATE PROJECT NUMBER		DESCRIPTION
2025CPT.01.13.20582		P.E., CONST.

TYPE OF WORK: ASPHALT SURFACE TREATMENT

MAP	ROUTE	FROM	TO
07	SR 1327 (Cannon Rd.)	SR 1328 (Oak City Fork Rd.)	SR 1326 (Edmonson Rd.)
08	SR 1328 (Red Oak Fork Rd.)	Edgecombe County Line	SR 1326 (Edmonson Rd.)



PROJECT LENGTH

MAP	MILES
07	2.63
08	2.35

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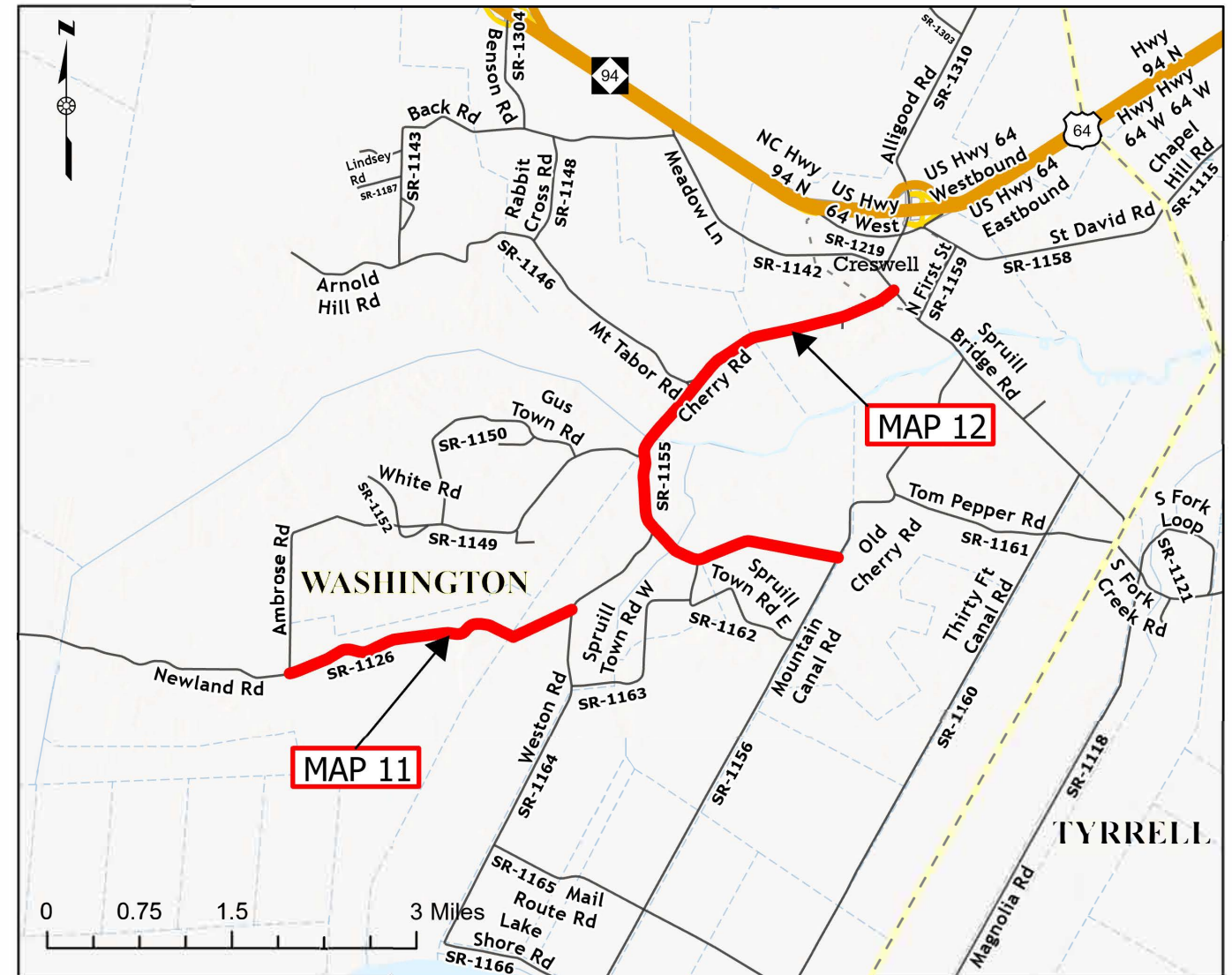
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TYPE OF WORK: ASPHALT SURFACE TREATMENT

MAP	ROUTE	FROM	TO
11	SR 1126 (Newland Rd.)	SR 1149 (Ambrose Road)	SR 1164 (Weston Rd.)
12	SR 1155 (Cherry Rd.)	SR 1156 (Mountain Canal Rd.)	SR 1142 (Spruill Bridge Rd.)



MAP	MILES
11	2
12	3.876

D. H. STALLINGS
DIVISION DESIGN ENGINEER



PAVEMENT SCHEDULE

F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
U	EXISTING PAVEMENT

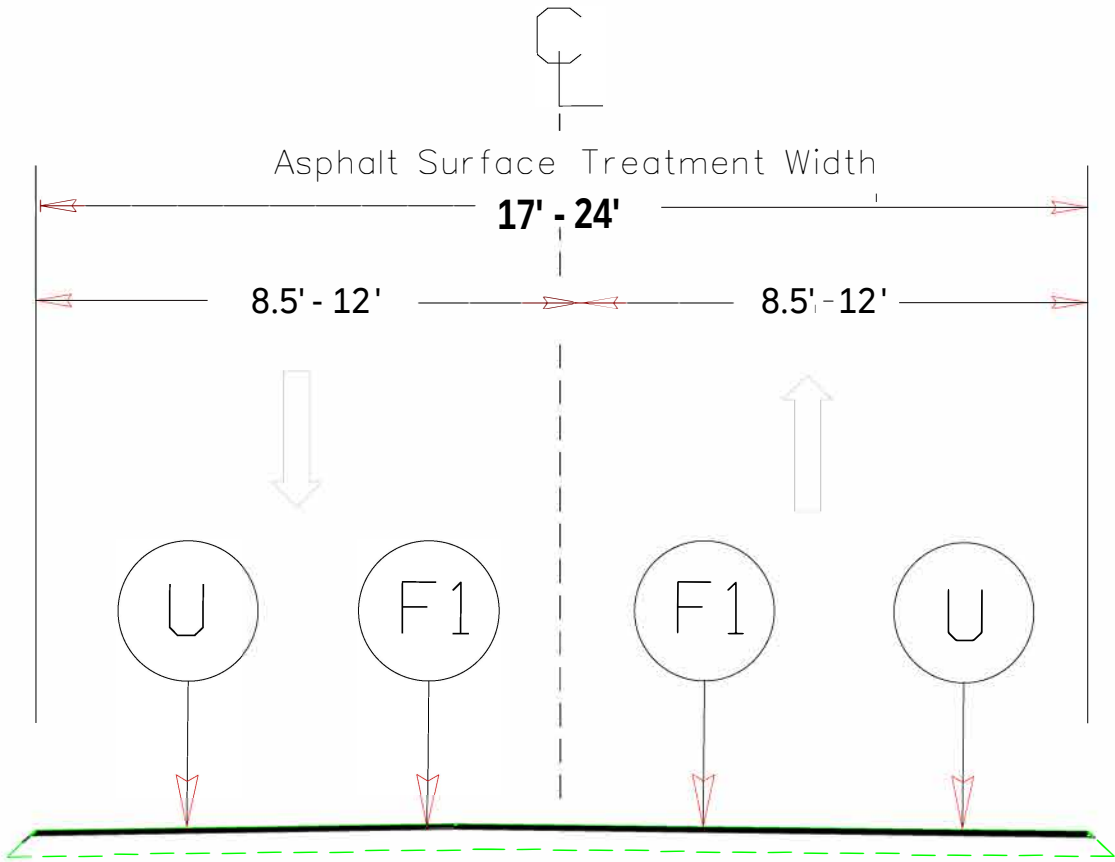
NOTES:

- * 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 NO.1
USE WITH MAPS 1-12

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.01.13.20082, ETC.	8	

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			LS	SY	GAL
2025CPT.01.13.20082	Bertie	1	SR-1106 / ST FRANCIS RD	FROM SR 1100 (GRABTOWN RD.) TO US 13		2	2WU	3.623	21	0	3.623	1	47,040	28,224
TOTAL FOR PROJ NO. 2025CPT.01.13.20082								3.623					47,040	28,224
2025CPT.01.13.20482	Hyde	2	SR-1146 / MAKELYVILLE RD	FROM DEAD END TO SR 1145 (LOOP RD.)		2	2WU	1.37	17	0	1.37	*	14,347	8,608
2025CPT.01.13.20482	Hyde	3	SR-1154 / OLD HWY 264	FROM US 264 TO US 264		2	2WU	1.071	21	0	1.071	*	14,658	8,608
2025CPT.01.13.20482	Hyde	4	SR-1167 / WEST CAROLINA PINES RD	FROM DEAD END TO US 264		2	2WU	0.496	24	0	0.496	*	7,333	4,400
2025CPT.01.13.20482	Hyde	5	SR-1168 / FIRETOWER RD	FROM DEAD END TO US 264		2	2WU	0.433	24	0	0.433	*	6,401	3,841
TOTAL FOR PROJ NO. 2025CPT.01.13.20482								3.37					42,739	25,457
2025CPT.01.13.20582	Martin	6	SR-1159 / FLAT SWAMP RD/W THIRD ST	FROM PITT COUNTY LINE TO C&G		2	2WU	2.21	20	0	2.21	*	28,224	16,935
2025CPT.01.13.20582	Martin	7	SR-1327 / CANNON RD	FROM SR 1328 (OAK CITY FORK RD.) TO SR 1326 (EDMONSON RD.)		2	2WU	2.63	18	0	2.63	*	29,161	17,497
2025CPT.01.13.20582	Martin	8	SR-1328 / RED OAK FORK RD	FROM EDGECOMBE COUNTY LINE TO SR 1326 (EDMONSON RD.)		2	2WU	2.35	20	0	2.35	*	28,592	17,371
TOTAL FOR PROJ NO. 2025CPT.01.13.20582								7.19					85,977	51,803
2025CPT.01.13.20892	Tyrrell	9	SR-1214 / NEW RD/ROAD ST EXT	FROM SR 1209 (RIVERNECK RD.) TO SR 1209 (SOUNDSIDE RD.)		2	2WU	2.46	21	0	2.46	*	32,117	19,270
2025CPT.01.13.20892	Tyrrell	10	SR-1215 / NEW ROAD EXT	FROM SR 1214 (NEW RD.) TO SR 1209 (SOUNDSIDE RD.)		2	2WU	0.16	18	0	0.16	*	1,774	1,064
TOTAL FOR PROJ NO. 2025CPT.01.13.20892								2.62					33,891	20,334
2025CPT.01.13.20942	Washington	11	SR-1126 / NEWLAND RD	FROM SR 1149 (AMBROSE ROAD) TO SR 1164 (WESTON RD.)		2	2WU	2	21	9.8	11.8	*	25,872	15,523
2025CPT.01.13.20942	Washington	12	SR-1155 / OLD CHERRY RD/CHERRY RD/S FOURTH ST	FROM SR 1156 (MOUNTAIN CANAL RD.) TO SR 1142 (SPRUILL BRIDGE RD.)		2	2WU	3.876	20	1.738	5.614	*	49,170	29,502
TOTAL FOR PROJ NO. 2025CPT.01.13.20942								5.876					75,042	45,025
GRAND TOTAL								22.679				1	284,689	170,843

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 SF	TEMPORARY TRAFFIC CONTROL (SP) LS
2025CPT.01.13.20082	Bertie	1	SR-1106 / ST FRANCIS RD	FROM SR 1100 (GRABTOWN RD.) TO US 13		2	2WU	3.623	21	0	3.623	150	1
TOTAL FOR PROJ NO. 2025CPT.01.13.20082								3.623				150	
2025CPT.01.13.20482	Hyde	2	SR-1146 / MAKELYVILLE RD	FROM DEAD END TO SR 1145 (LOOP RD.)		2	2WU	1.37	17	0	1.37	80	*
2025CPT.01.13.20482	Hyde	3	SR-1154 / OLD HWY 264	FROM US 264 TO US 264		2	2WU	1.071	21	0	1.071	80	*
2025CPT.01.13.20482	Hyde	4	SR-1167 / WEST CAROLINA PINES RD	FROM DEAD END TO US 264		2	2WU	0.496	24	0	0.496	80	*
2025CPT.01.13.20482	Hyde	5	SR-1168 / FIRETOWER RD	FROM DEAD END TO US 264		2	2WU	0.433	24	0	0.433	80	*
TOTAL FOR PROJ NO. 2025CPT.01.13.20482								3.37				320	
2025CPT.01.13.20582	Martin	6	SR-1159 / FLAT SWAMP RD/W THIRD ST	FROM PITT COUNTY LINE TO C&G		2	2WU	2.21	20	0	2.21	115	*
2025CPT.01.13.20582	Martin	7	SR-1327 / CANNON RD	FROM SR 1328 (OAK CITY FORK RD.) TO SR 1326 (EDMONSON RD.)		2	2WU	2.63	18	0	2.63	115	*
2025CPT.01.13.20582	Martin	8	SR-1328 / RED OAK FORK RD	FROM EDGECOMBE COUNTY LINE TO SR 1326 (EDMONSON RD.)		2	2WU	2.35	20	0	2.35	115	*
TOTAL FOR PROJ NO. 2025CPT.01.13.20582								7.19				345	
2025CPT.01.13.20892	Tyrrell	9	SR-1214 / NEW RD/ROAD ST EXT	FROM SR 1209 (RIVERNECK RD.) TO SR 1209 (SOUNDSIDE RD.)		2	2WU	2.46	21	0	2.46	115	*
2025CPT.01.13.20892	Tyrrell	10	SR-1215 / NEW ROAD EXT	FROM SR 1214 (NEW RD.) TO SR 1209 (SOUNDSIDE RD.)		2	2WU	0.16	18	0	0.16	80	*
TOTAL FOR PROJ NO. 2025CPT.01.13.20892								2.62				195	
2025CPT.01.13.20942	Washington	11	SR-1126 / NEWLAND RD	FROM SR 1149 (AMBROSE ROAD) TO SR 1164 (WESTON RD.)		2	2WU	2	21	9.8	11.8	80	*
2025CPT.01.13.20942	Washington	12	SR-1155 / OLD CHERRY RD/CHERRY RD/S FOURTH ST	FROM SR 1156 (MOUNTAIN CANAL RD.) TO SR 1142 (SPRUILL BRIDGE RD.)		2	2WU	3.876	20	1.738	5.614	147	*
TOTAL FOR PROJ NO. 2025CPT.01.13.20942								5.876				227	
GRAND TOTAL								22.679				1,237	1

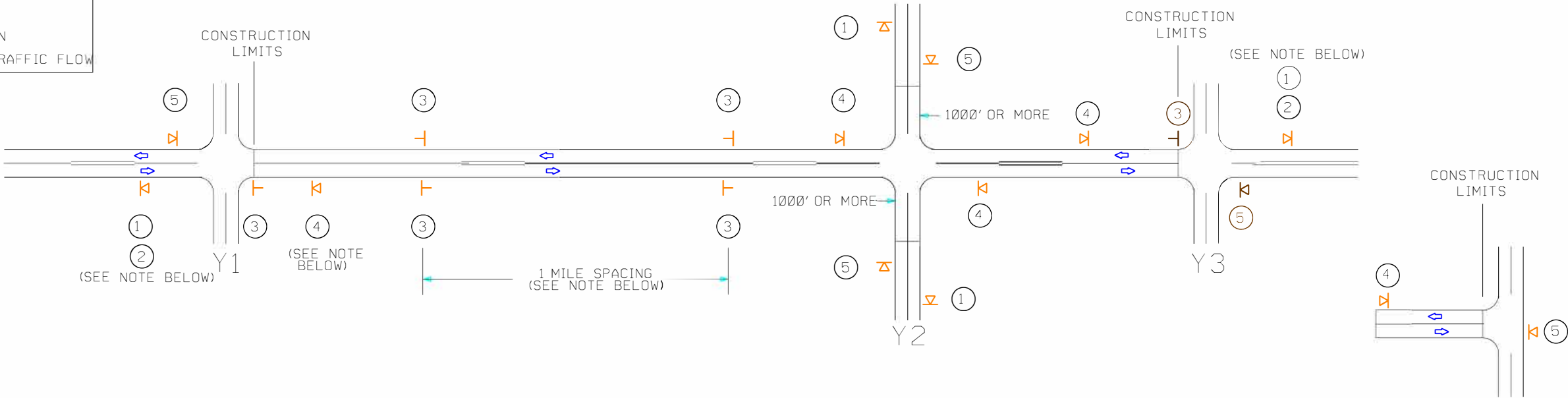
SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

PORTABLE SIGN

STATIONARY SIGN

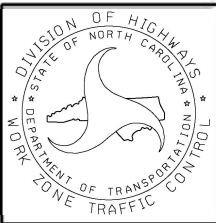
DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	① W20-1 48" X 48" - PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS 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. W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. W20-7 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER.
	② W7-3 24" X 18" - 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.	
	③ W8-7 48" X 48" - ALTERNATE THE FOLLOWING TWO SIGNS: - STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT". - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. SP 48" X 48" - AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	④ SP 13106 48" X 48" - 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.	
	⑤ G20-2 24" X 24" 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.	
LESS 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