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CONTRACT: DA00535 WBS PROJECT: 2023CPT.01.10.20082.1, ETC.

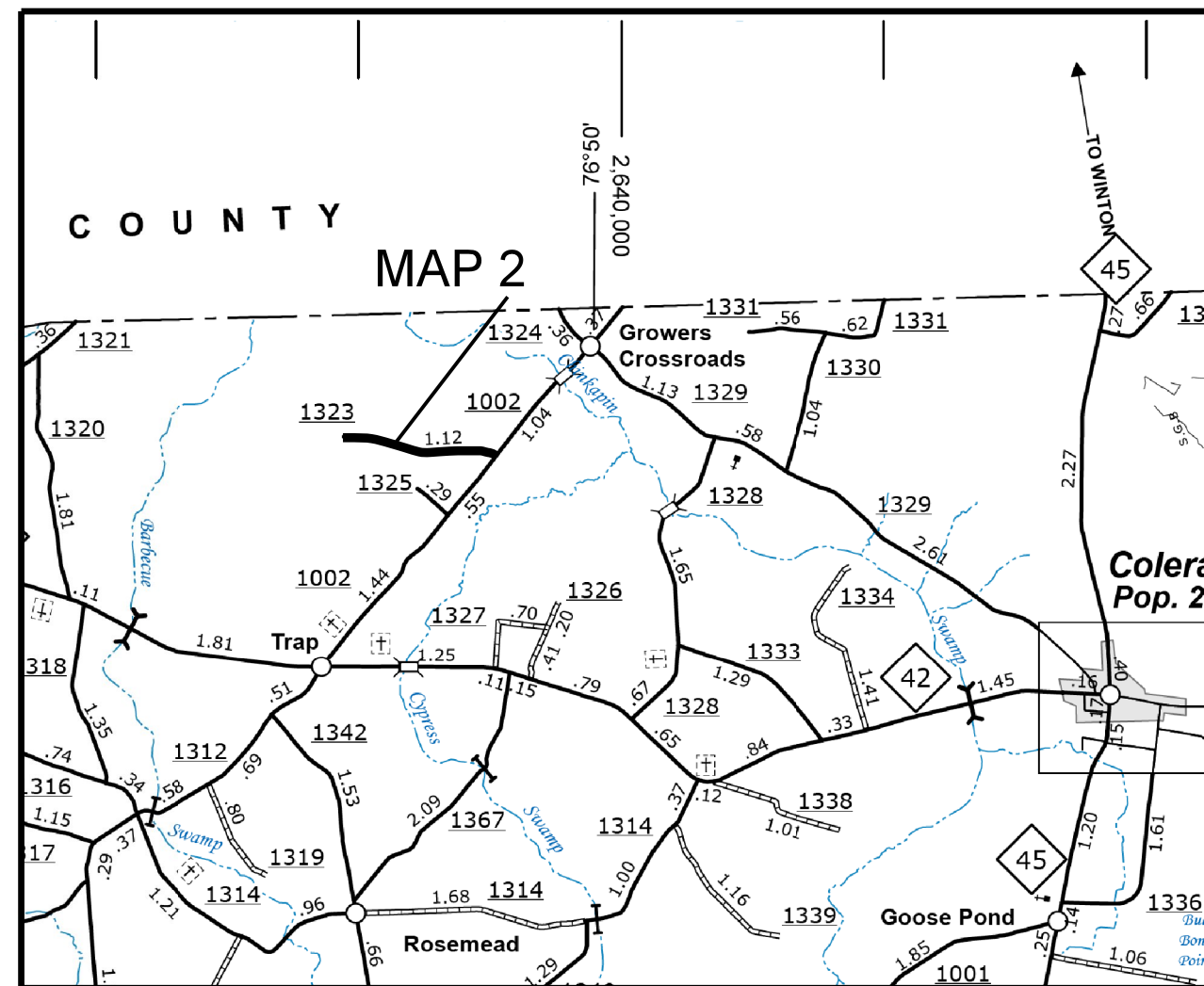
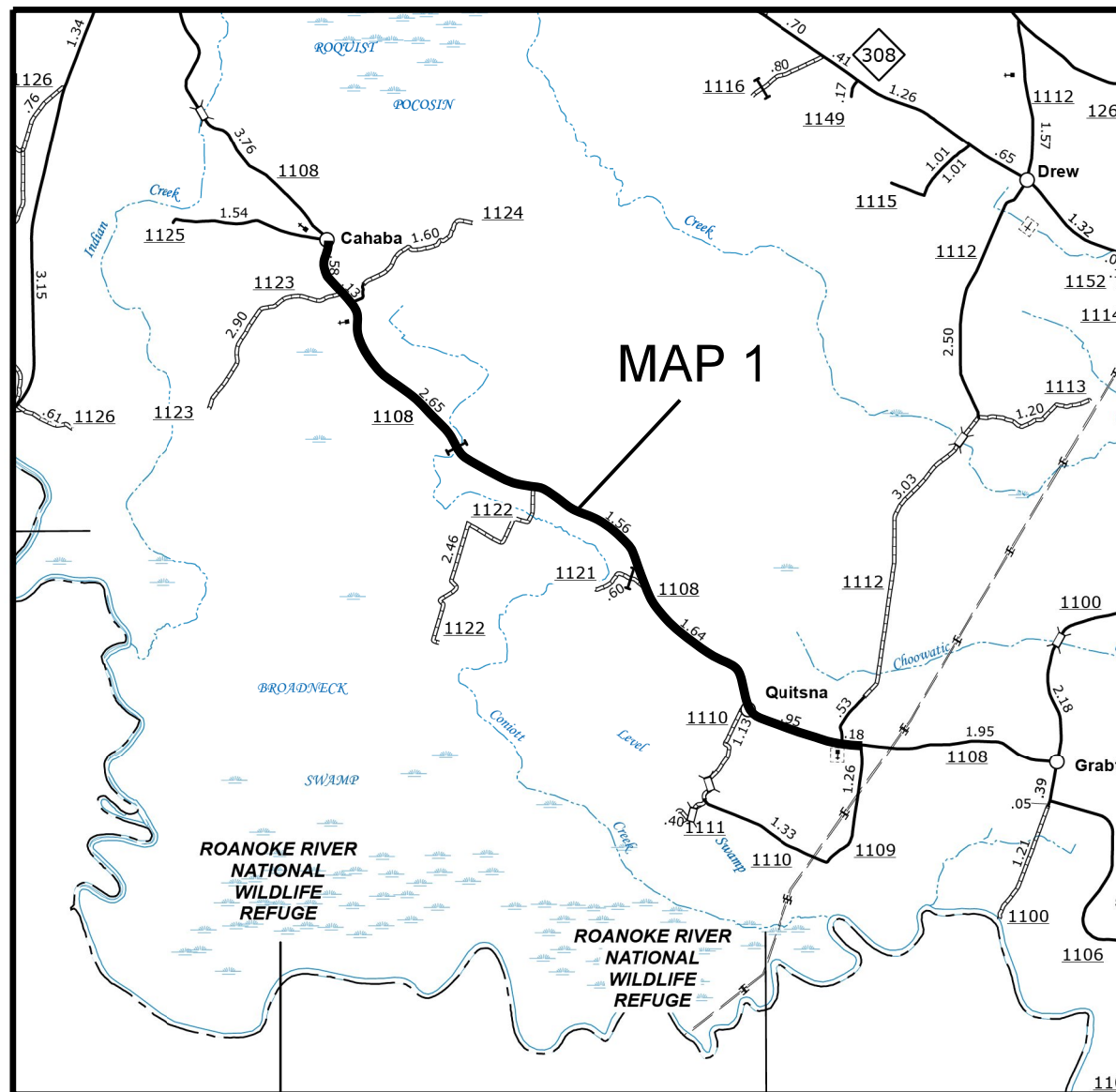
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

BERTIE COUNTY

TYPE OF WORK: ASPHALT SURFACE TREATMENT (DOUBLE SEAL)

LOCATION: MAP 1 - SR 1108 (INDIAN WOODS RD) FROM SR 1109 TO SR 1125
 MAP 2 - SR 1323 (BUD TAYLOR RD) FROM EOP TO SR 1002

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	2023CPT.01.10.20082.1, ETC.	1
STATE PROJ. NO.	DESCRIPTION	
2023CPT.01.10.20082.1	PE, CONST	



GRAPHIC SCALES

NTS

PROJECT LENGTH

MAP #1 = 7.70 MILES
 MAP #2 = 1.10 MILES

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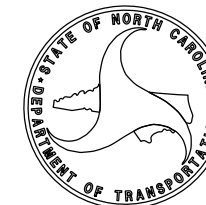
113 Airport Dr., Edenton NC, 27944

2018 STANDARD SPECIFICATIONS

W. B. HOBBS, PE
 DIVISION PROJECT TEAM LEAD

CHRIS SLACHTA
 DIVISION CONTRACT ENGINEER

S. P. FENWICK, PE
 DIVISION DESIGN ENGINEER



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CONTRACT: DA00535 WBS PROJECT: 2023CPT.01.10.20082.1, ETC.

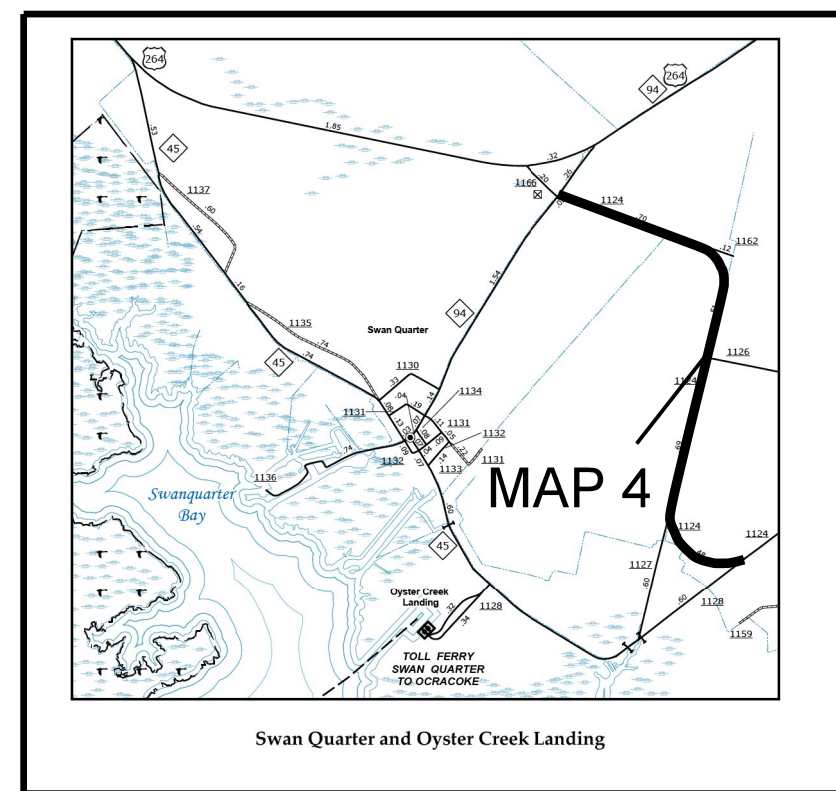
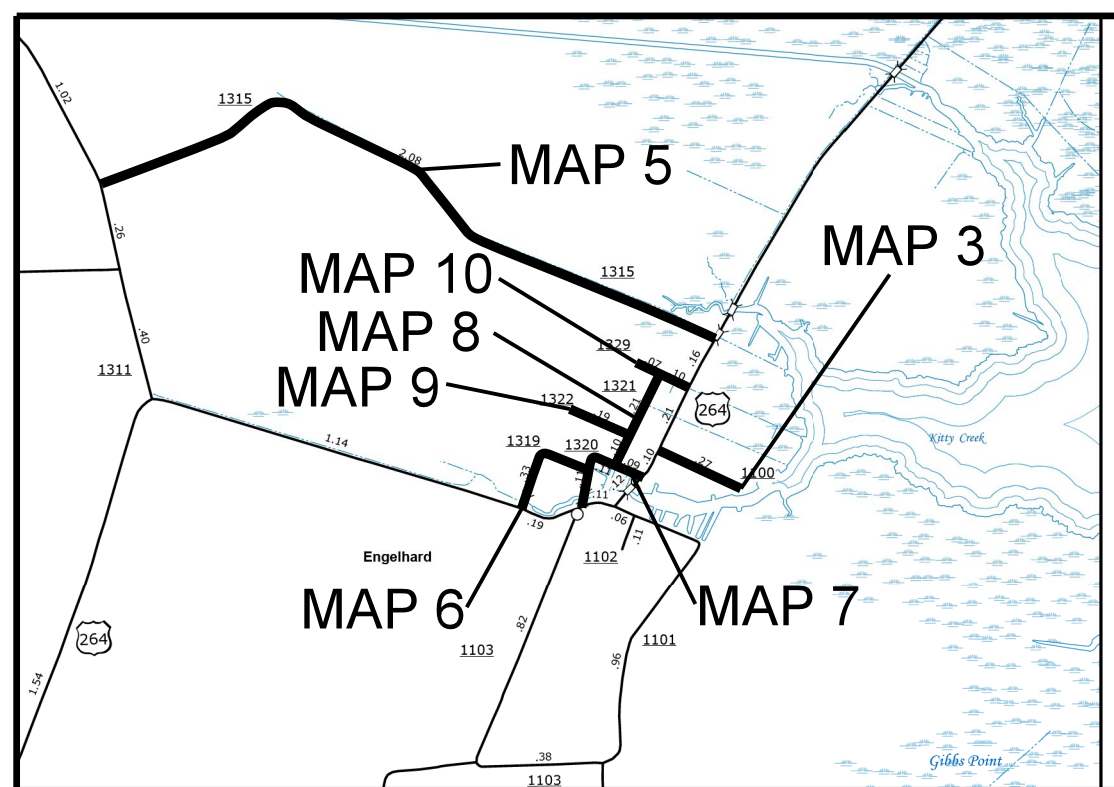
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

HYDE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	2023CPT.01.10.20082.1, ETC.	2
	STATE PROJ. NO.	DESCRIPTION
	2023CPT.01.10.20482.1	PE, CONST

TYPE OF WORK: ASPHALT SURFACE TREATMENT (DOUBLE SEAL)

- LOCATION:**
- MAP 3 - SR 1100 (HILL ST) FROM US 264 TO DEAD END
 - MAP 4 - SR 1124 (QUARTER RD) FROM SR 1128 TO NC 94
 - MAP 5 - SR 1315 (SWAMP RD) FROM SR 1311 TO US 264
 - MAP 6 - SR 1319 (ROPER LANE) FROM SR 1320 TO US 264
 - MAP 7 - SR 1320 (GOLDEN ST) FROM US 264 TO US 264
 - MAP 8 - SR 1321 (COOPER LANE) FROM SR 1320 TO SR 1329
 - MAP 9 - SR 1322 (CAHOON RD) FROM DEAD END TO SR 1321
 - MAP 10 - SR 1329 (SHAW RD) FROM DEAD END TO US 264



GRAPHIC SCALES

NTS

PROJECT LENGTH

- MAP #3 = 0.27 MILES
- MAP #4 = 2.37 MILES
- MAP #5 = 2.08 MILES
- MAP #6 = 0.33 MILES
- MAP #7 = 0.31 MILES
- MAP #8 = 0.30 MILES
- MAP #9 = 0.19 MILES
- MAP #10 = 0.16 MILES

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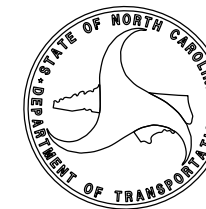
113 AIRPORT DR., EDENTON, NC, 27932

2018 STANDARD SPECIFICATIONS

W.B. HOBBS, P.E.
DIVISION PROJECT TEAM LEAD

CHRIS SLACHTA
DIVISION CONTRACT ENGINEER

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DIVISION DESIGN ENGINEER



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CONTRACT: DA00535 WBS PROJECT: 2023CPT.01.10.20082.1, ETC.

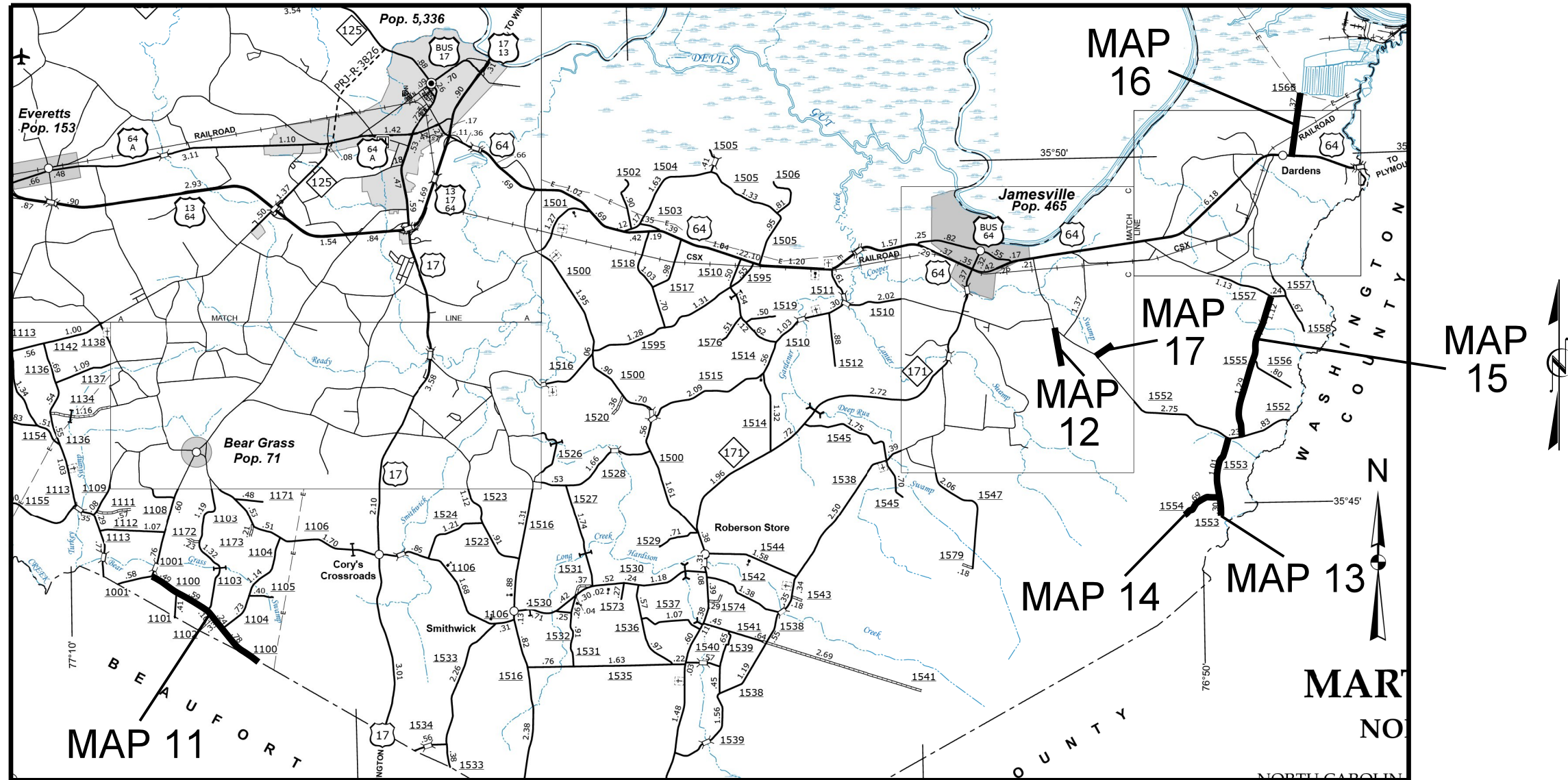
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MARTIN COUNTY

TYPE OF WORK: ASPHALT SURFACE TREATMENT (DOUBLE SEAL)

LOCATION: MAP 11 – SR 1100 (SWEET HOME RD) FROM BEAUFORT CO LINE TO SR 1001 **MAP 15 – SR 1555 (FREE UNION RD) FROM SR 1552 TO SR 1557**
MAP 12 – SR 1551 (LEE HOLIDAY RD) FROM MAINTENANCE ENDS TO SR 1552 **MAP 16 – SR 1565 (PULP MILL RD) FROM US 64 TO**
MAP 13 – SR 1553 (ANGE TOWN RD) FROM MAINTENANCE ENDS TO SR 1552 **END OF MAINTENANCE**
MAP 14 – SR 1554 (EDWARD ANGE RD) FROM EOP TO SR 1553 **MAP 17 – SR 1587 (COOPER LANE) FROM SR 1552 RD TO**
END OF MAINTENANCE

<small>STATE</small>	<small>STATE PROJECT REFERENCE NO.</small>	<small>SHEET NO.</small>
N.C. 2023CPT.01.10.20082.1, ETC.		3
<small>STATE PROJ. NO.</small>	<small>DESCRIPTION</small>	
2023CPT.01.10.20582.1	PE, CONST	



GRAPHIC SCALES

NTS

PROJECT LENGTH

MAP #11 = 2.26 MILES
MAP #12 = 0.61 MILES
MAP #13 = 1.34 MILES
MAP #14 = 0.65 MILES
MAP #15 = 2.38 MILES
MAP #16 = 1.01 MILES
MAP #17 = 0.31 MILES

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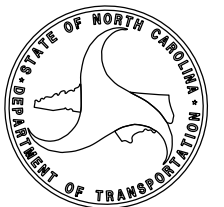
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2018 STANDARD SPECIFICATIONS

W. B. HOBBS, PE
DIVISION PROJECT TEAM LEAD

CHRIS SLACHTA
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

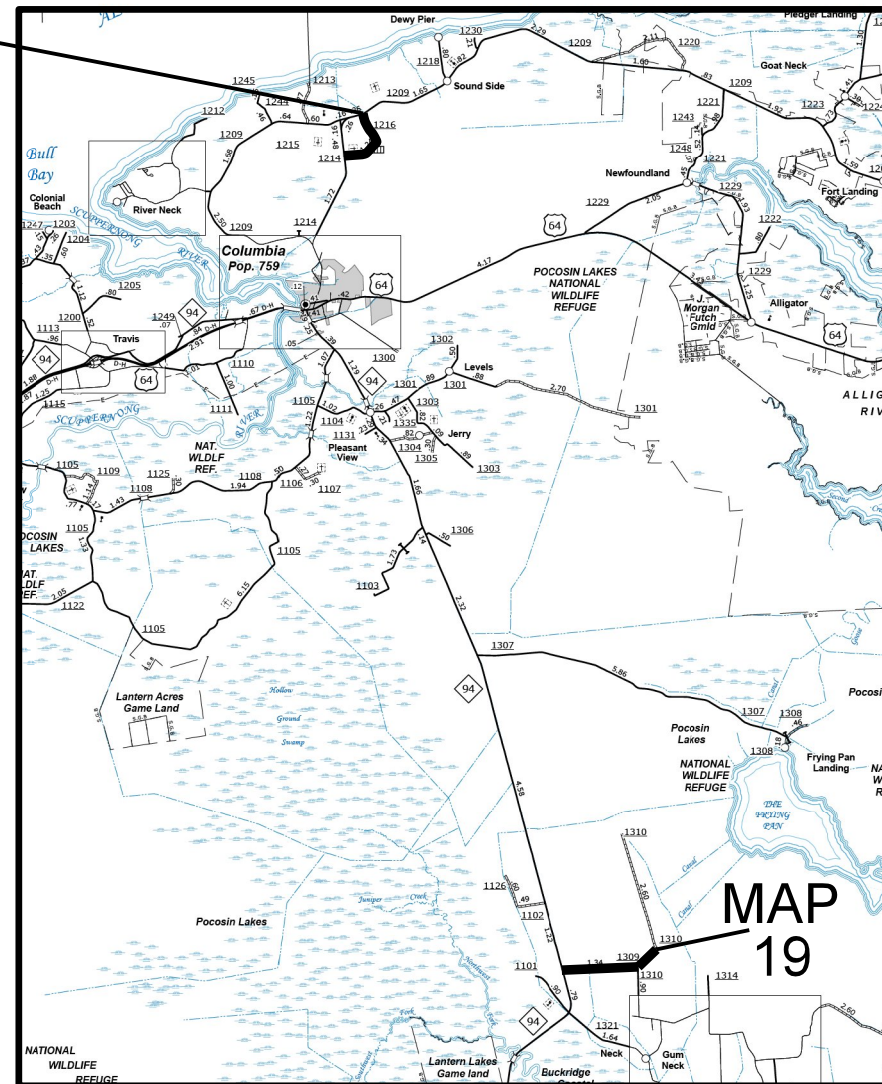
TYRRELL COUNTY

TYPE OF WORK: ASPHALT SURFACE TREATMENT (DOUBLE SEAL)

LOCATION: MAP 18 - SR 1216 (SNELL RD) FROM SR 1214 TO SR 1209
MAP 19 - SR 1309 (NORTH GUM NECK RD) FROM SR 1310 TO NC 94

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	2023CPT.01.10.20082.1, ETC.	4
STATE PROJ. NO.		DESCRIPTION
2023CPT.01.10.20892.1		PE, CONST.

MAP 18



GRAPHIC SCALES

NTS

PROJECT LENGTH

MAP #18 = 1.24 MILES
MAP #19 = 1.34 MILES

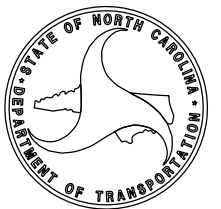
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DIVISION OF HIGHWAYS
113 AIRPORT DR., EDENTON, NC, 27932

2018 STANDARD SPECIFICATIONS

W.B. HOBBS, P.E.
DIVISION PROJECT TEAM LEAD

CHRIS SLACHTA
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S.P. FENWICK, PLS
DESIGN ENGINEER



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CONTRACT: DA00535 WBS PROJECT: 2023CPT.01.10.20082.1, ETC.

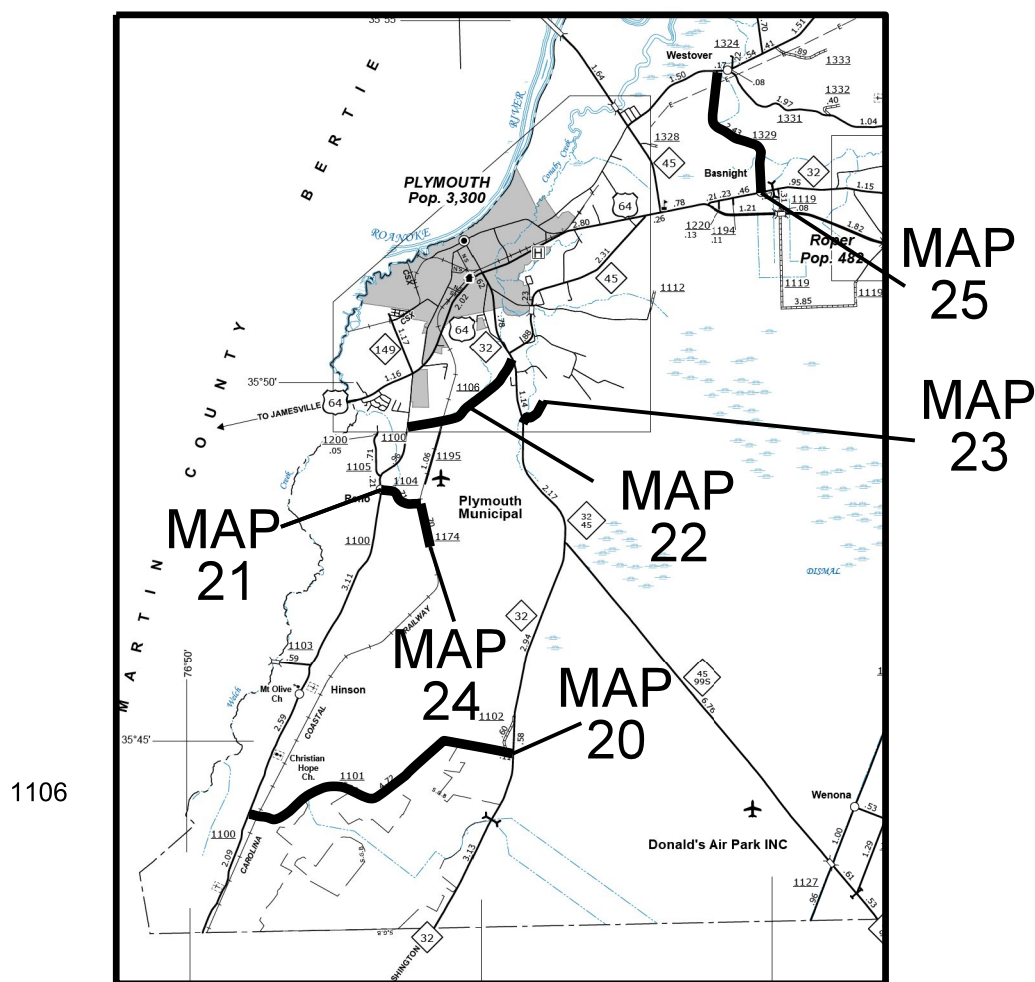
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

<small>STATE</small> N.C. 2023CPT.01.10.20082.1, ETC.	<small>STATE PROJECT REFERENCE NO.</small>	<small>SHEET NO.</small> 5
<small>STATE PROJ. NO.</small> 2023CPT.01.10.20942.1	<small>DESCRIPTION</small> PE, CONST	

WASHINGTON COUNTY

TYPE OF WORK: ASPHALT SURFACE TREATMENT (DOUBLE SEAL)

- LOCATION:**
- MAP 20 – SR 1101 (HOLLIS RD) FROM SR 1100 LONG RIDGE RD TO NC 32
 - MAP 21 – SR 1104 (RENO RD) FROM SR 1100 TO SR 1174
 - MAP 22 – SR 1106 (MORRATTOCK RD) FROM SR 1100 TO NC 32
 - MAP 23 – SR 1118 (CRADDOCK RD) FROM NC 32 TO CDS
 - MAP 24 – SR 1174 (RENO RD) FROM SR 1104 TO DEAD END
 - MAP 25 – SR 1329 (FOLLY RD) FROM NC 32 TO NC 308



GRAPHIC SCALES

NTS

PROJECT LENGTH

- MAP #20 = 4.83 MILES
- MAP #21 = 0.71 MILES
- MAP #22 = 2.12 MILES
- MAP #23 = 0.52 MILES
- MAP #24 = 0.70 MILES
- MAP #25 = 2.43 MILES

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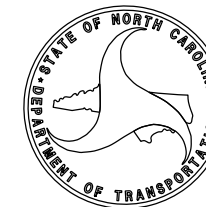
113 Airport Dr., Edenton NC, 27944

2018 STANDARD SPECIFICATIONS

W. B. HOBBS, PE
DIVISION PROJECT TEAM LEAD

CHRIS SLACHTA
DIVISION CONTRACT ENGINEER

S. P. FENWICK, PE
DIVISION DESIGN ENGINEER

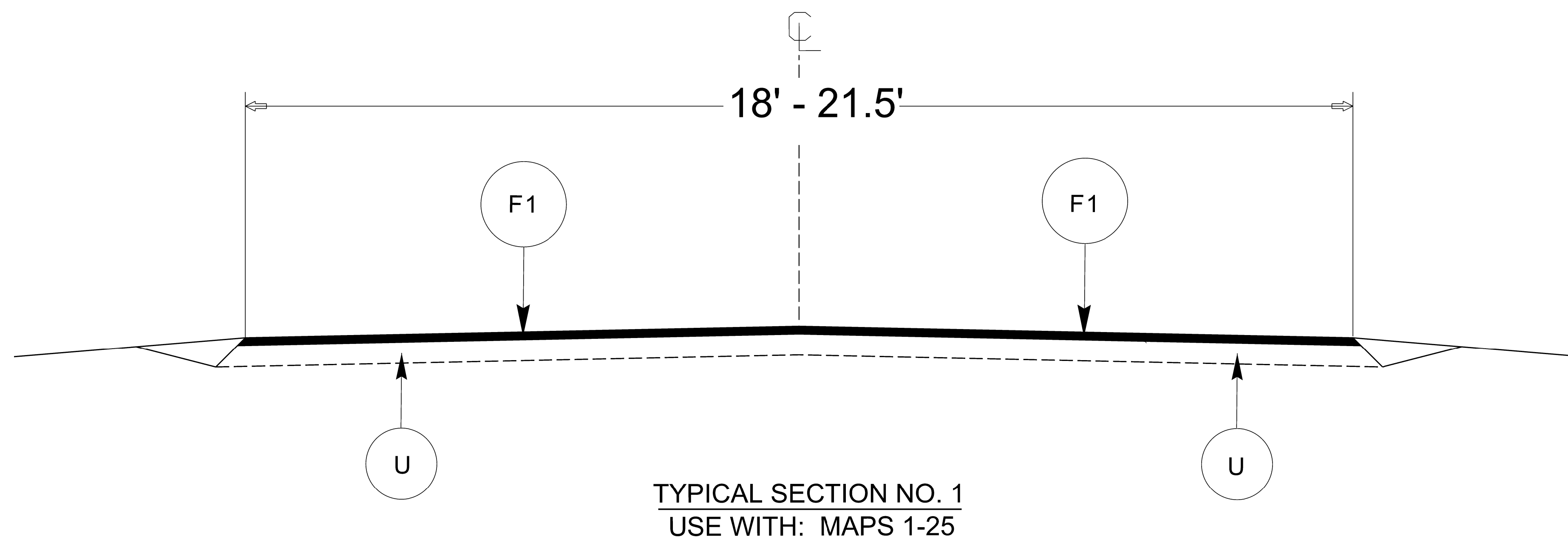


PAVEMENT SCHEDULE

F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
U	EXISTING PAVEMENT.

NOTES:

- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * ASPHALT SURFACE TREATMENT (DOUBLE SEAL) CONSISTS OF TWO LAYERS OF TREATMENT: BOTTOM LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX. 0.30 ± GAL/SY AND A LAYER OF 78M AGGREGATE AT A RATE OF APPROX. 18± LBS/SY. TOP LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX. 0.25 ± GAL/SY AND A LAYER OF 5/16" LIGHTWEIGHT AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED 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.
- ** THE CONTRACTOR MUST PROVIDE A SPREADER THAT IS AT LEAST 12' WIDE FOR IRREGULAR AREAS ALONG THE MAPS .






PROJECT NO.	SHEET NO.
2023CPT.01.10.20082.1, ETC.	7

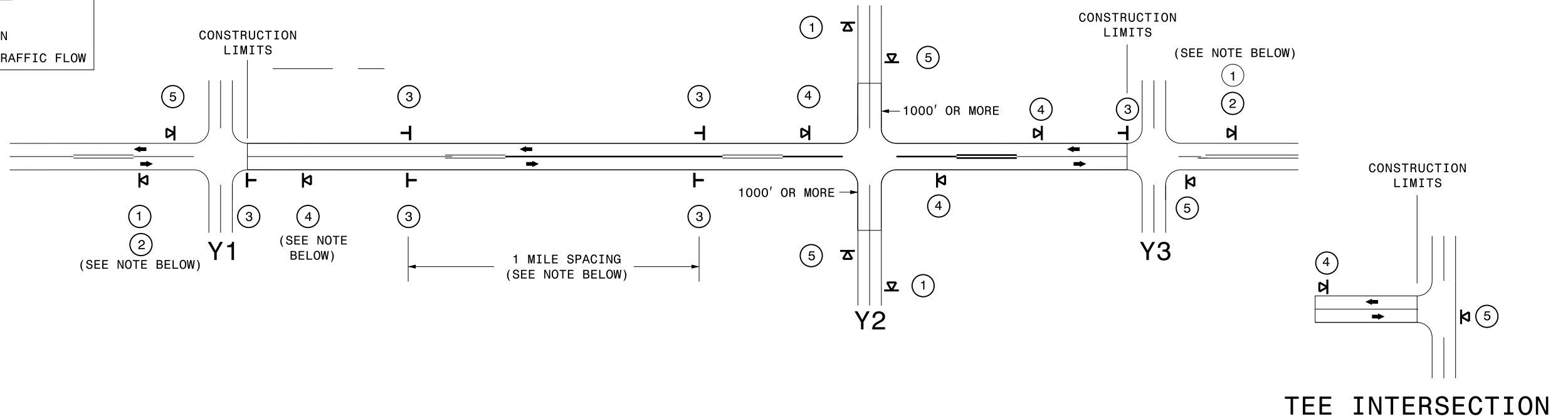
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	MOBILIZATION	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	WORK ZONE ADV/GEN WARNING SIGNING	TEMPORARY TRAFFIC CONTROL (SP)
										MI	FT	LS	SY	GAL	SF	LS
2023CPT.01.10.20082.1	Bertie	1	SR 1108 INDIAN WOODS RD	SR 1109 CONIOTTE RD TO SR 1125 SPRING HILL CHURCH RD	1	2	2WU	NO	NO	7.7	20	1	91,980	55,200	342	1
2023CPT.01.10.20082.1	Bertie	2	SR 1323 BUD TAYLOR RD	EOP TO SR 1002 QUEBEC RD	1	2	2WU	NO	NO	1.1	20	*	12,907	7,750	80	*
TOTAL FOR PROJ NO. 2023CPT.01.10.20082.1										8.8			104,887	62,950	422	
2023CPT.01.10.20482.1	Hyde	3	SR 1100 HILL ST	US 264 TO DEAD END	1	2	2WU	NO	NO	0.27	20	*	3,328	2,000	80	*
2023CPT.01.10.20482.1	Hyde	4	SR 1124 QUARTER RD	SR 1128 OYSTER CREEK RD TO NC 94	1	2	2WU	NO	NO	2.37	20	*	29,803	17,900	150	*
2023CPT.01.10.20482.1	Hyde	5	SR 1315 SWAMP RD	SR 1311 NORTH LAKE ROAD TO US 264	1	2	2WU	NO	NO	2.08	20	*	24,755	14,860	150	*
2023CPT.01.10.20482.1	Hyde	6	SR 1319 ROPER LANE	SR 1320 GOLDEN ST TO US 264	1	2	2WU	NO	NO	0.33	20	*	3,872	2,330	80	*
2023CPT.01.10.20482.1	Hyde	7	SR 1320 GOLDEN ST	US 264 TO US 264	1	2	2WU	NO	NO	0.31	20	*	3,947	2,370	80	*
2023CPT.01.10.20482.1	Hyde	8	SR 1321 COOPER LANE	SR 1320 GOLDEN ST TO SR 1329 SHAW RD	1	2	2WU	NO	NO	0.3	20	*	3,720	2,240	80	*
2023CPT.01.10.20482.1	Hyde	9	SR 1322 CAHOON RD	DEAD END TO SR 1321 COOPER LANE	1	2	2WU	NO	NO	0.19	18	*	2,006	1,210	80	*
2023CPT.01.10.20482.1	Hyde	10	SR 1329 SHAW RD	DEAD END TO US 264	1	2	2WU	NO	NO	0.16	20	*	2,067	1,240	80	*
TOTAL FOR PROJ NO. 2023CPT.01.10.20482.1										6.01			73,498	44,150	780	
2023CPT.01.10.20582.1	Martin	11	SR 1100 SWEET HOME RD	BEAUFORT CO LINE TO SR 1001 BEAR GRASS RD	1	2	2WU	NO	NO	2.26	21.5	*	30,590	18,355	150	*
2023CPT.01.10.20582.1	Martin	12	SR 1551 LEE HOLIDAY RD	MAINTENANCE ENDS TO SR 1552 JERDEN THICKET RD	1	2	2WU	NO	NO	0.61	18	*	6,653	4,000	80	*
2023CPT.01.10.20582.1	Martin	13	SR 1553 ANGE TOWN RD	MAINTENANCE ENDS TO SR 1552 JERDEN THICKET RD	1	2	2WU	NO	NO	1.34	18	*	14,767	8,860	80	*
2023CPT.01.10.20582.1	Martin	14	SR 1554 EDWARD ANGE RD	EOP TO SR 1553 ANGE TOWN RD	1	2	2WU	NO	NO	0.65	18	*	6,938	4,162	80	*
2023CPT.01.10.20582.1	Martin	15	SR 1555 FREE UNION RD	SR 1552 JERDEN THICKET RD TO SR 1557 PINEY WOODS RD	1	2	2WU	NO	NO	2.38	18	*	25,397	15,240	150	*
2023CPT.01.10.20582.1	Martin	16	SR 1565 PULP MILL RD	US 64 TO END OF MAINTENANCE	1	2	2WU	NO	NO	1.01	20	*	12,008	7,210	80	*
2023CPT.01.10.20582.1	Martin	17	SR 1587 COOPER LANE	SR 1552 JERDEN THICKET RD TO END OF MAINTENANCE	1	2	2WU	NO	NO	0.31	18	*	3,407	2,045	80	*
TOTAL FOR PROJ NO. 2023CPT.01.10.20582.1										8.56			99,760	59,872	700	
2023CPT.01.10.20892.1	Tyrrell	18	SR 1216 SNELL RD	SR 1214 NEW RD TO SR 1209 SOUND SIDE RD	1	2	2WU	NO	NO	1.24	20	*	14,579	8,750	80	*
2023CPT.01.10.20892.1	Tyrrell	19	SR 1309 NORTH GUM NECK RD	SR 1310 N GUM NECK RD TO NC 94	1	2	2WU	NO	NO	1.34	20	*	15,853	9,515	80	*
TOTAL FOR PROJ NO. 2023CPT.01.10.20892.1										2.58			30,432	18,265	160	
2023CPT.01.10.20942.1	Washington	20	SR 1101 HOLLIS RD	SR 1100 LONG RIDGE RD TO NC 32	1	2	2WU	NO	NO	4.83	20	*	57,137	34,285	214	
2023CPT.01.10.20942.1	Washington	21	SR 1104 RENO RD	SR 1100 LONG RIDGE RD TO SR 1174 RENO RD	1	2	2WU	NO	NO	0.71	20	*	8,421	5,055	80	*
2023CPT.01.10.20942.1	Washington	22	SR 1106 MORRATTOCK RD	SR 1100 LONG RIDGE RD TO NC 32	1	2	2WU	NO	NO	2.12	20	*	25,675	15,410	150	*
2023CPT.01.10.20942.1	Washington	23	SR 1118 CRADDOCK RD	NC 32 TO CDS	1	2	2WU	NO	NO	0.52	18	*	6,336	3,810	80	*
2023CPT.01.10.20942.1	Washington	24	SR 1174 RENO RD	SR 1104 RENO RD TO DEAD END	1	2	2WU	NO	NO	0.70	18	*	7,462	4,480	80	*
2023CPT.01.10.20942.1	Washington	25	SR 1329 FOLLY RD	NC 32 TO NC 308	1	2	2WU	NO	NO	2.43	20	*	29,152	17,500	150	*
TOTAL FOR PROJ NO. 2023CPT.01.10.20942.1										11.31			134,183	80,540	754	
GRAND TOTAL										37.26		1	442,760	265,777	2,816	1

SIGNING FOR ASPHALT SURFACE TREATMENT








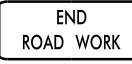
LEGEND

-  PORTABLE SIGN
-  STATIONARY SIGN
-  DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	①		<ul style="list-style-type: none"> - PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. 	<p>STATIONARY SIGNING NOT 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>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> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <small>W20-1 48" X 48"</small> PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;">  <small>W20-7 A 48" X 48"</small> PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	②		<ul style="list-style-type: none"> - 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	 	<ul style="list-style-type: none"> - 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. - AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER. 	
	④		<ul style="list-style-type: none"> - 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		<ul style="list-style-type: none"> - PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION. 	

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

20 JUN 2022 10:42 Proposed Resurfacing 2023-2024 Preservation_ Resurfacing\DA00535-AST-Bertie(South)-Hyde Etc.Design Files\DA00535-DL-sh6-sh8.dgn