

**CONTRACT: DA00287 WBS PROJECT: 2016CPT.01.13.20482.1, ETC.**

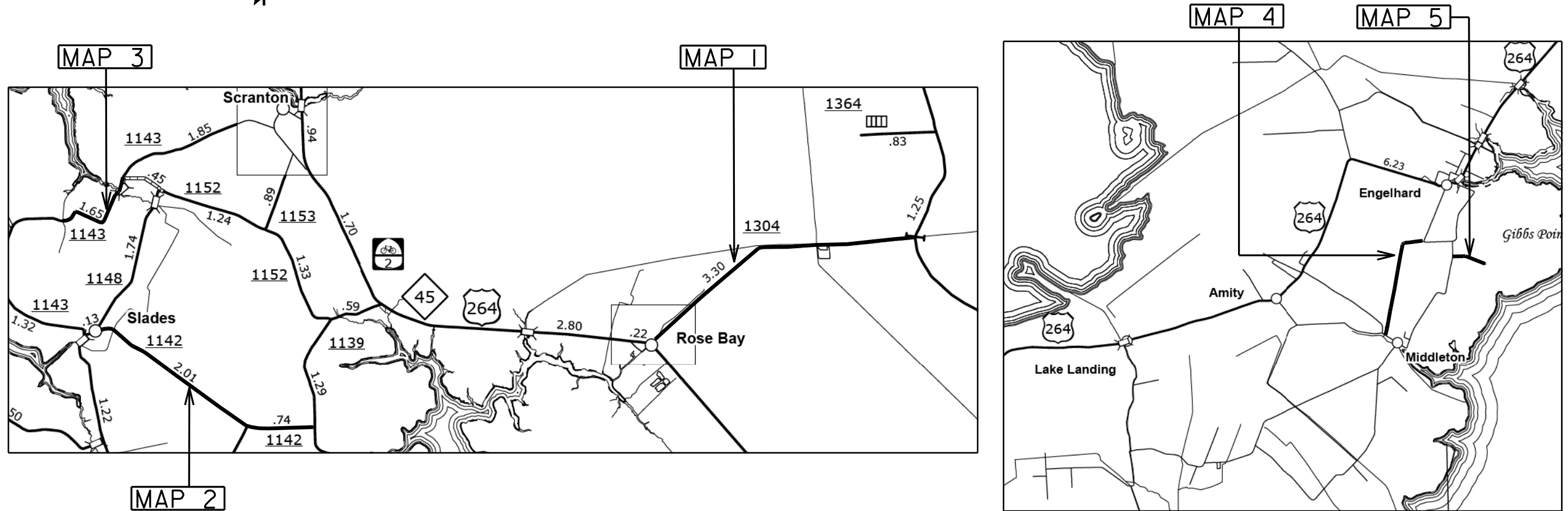
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**HYDE COUNTY**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2016CPT.01.13.20482.1, ETC.	1	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2016CPT.01.13.20482.1		MAP 1	
2016CPT.01.13.20482.1		MAP 2	
2016CPT.01.13.20482.1		MAP 3	
2016CPT.01.13.20482.1		MAP 4	
2016CPT.01.13.20482.1		MAP 5	

**LOCATION:** MAP 1 SR 1304 FROM US 264 TO SR 1305  
 MAP 2 SR 1142 FROM SR 1139 TO SR 1148  
 MAP 3 SR 1143 FROM SR 1152 TO PAVEMENT CHANGE  
 MAP 4 SR 1105 FROM SR 1114 TO SR 1103  
 MAP 5 SR 1160 FROM SR 1104 TO DEAD END

**TYPE OF WORK:** ASPHALT SURFACE TREATMENT DOUBLE SEAL



**NTS**

**PROJECT LENGTH**

LENGTH OF ROADWAY PROJECT MAP 1 = 4.70 MI.  
 LENGTH OF ROADWAY PROJECT MAP 2 = 2.74 MI.  
 LENGTH OF ROADWAY PROJECT MAP 3 = 1.01 MI.  
 LENGTH OF ROADWAY PROJECT MAP 4 = 1.50 MI.  
 LENGTH OF ROADWAY PROJECT MAP 5 = 0.46 MI.

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**

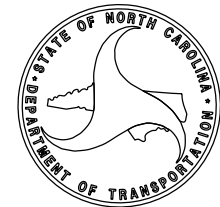
113 Airport Dr., Edenton NC, 27932

2012 STANDARD SPECIFICATIONS

LETTING DATE:

**W.B. HOBBS, P.E.**  
 DIVISION PROJECT MANAGER

**C.E. SLACHTA**  
 DIVISION PROPOSALS ENGINEER



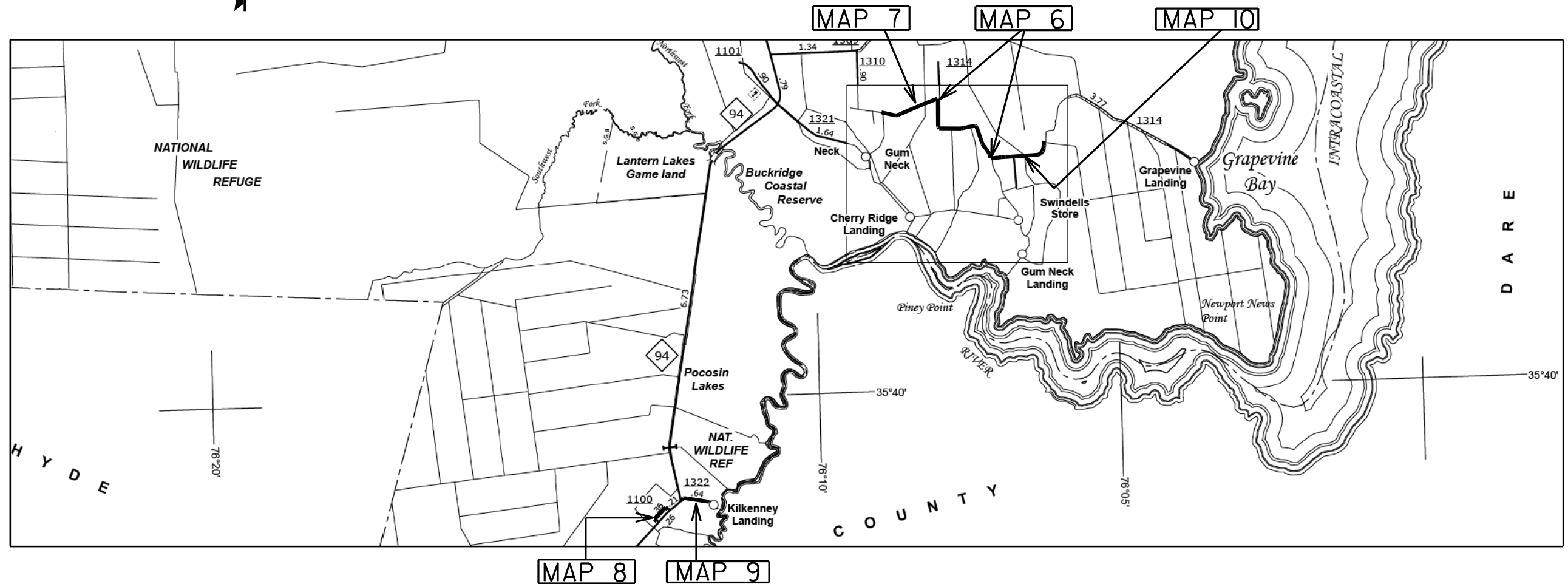
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**TYRRELL COUNTY**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2016CPT.01.13.20482.1, ETC.	2	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2016CPT.01.13.20892.1		MAP 6	
2016CPT.01.13.20892.1		MAP 7	
2016CPT.01.13.20892.1		MAP 8	
2016CPT.01.13.20892.1		MAP 9	
2016CPT.01.13.20892.1		MAP 10	

**LOCATION:** MAP 6 SR 1314 FROM SR 1310 TO EXISTING SEAL  
 MAP 7 SR 1310 FROM SR 1314 TO SR 1313  
 MAP 8 SR 1100 FROM NC 94 TO NC 94  
 MAP 9 SR 1322 FROM NC 94 TO END OF PAVEMENT  
 MAP 10 SR 1314 FROM SR 1316 TO END OF PAVEMENT

**TYPE OF WORK:** ASPHALT SURFACE TREATMENT DOUBLE SEAL



**NTS**

**PROJECT LENGTH**

LENGTH OF ROADWAY PROJECT MAP 6 = 1.60 MI.  
 LENGTH OF ROADWAY PROJECT MAP 7 = 0.90 MI.  
 LENGTH OF ROADWAY PROJECT MAP 8 = 0.40 MI.  
 LENGTH OF ROADWAY PROJECT MAP 9 = 0.60 MI.  
 LENGTH OF ROADWAY PROJECT MAP 10 = 1.00 MI.

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**DIVISION OF HIGHWAYS**

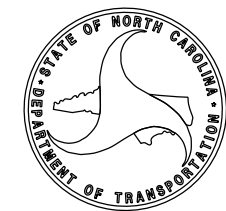
113 Airport Dr., Edenton NC, 27932

2012 STANDARD SPECIFICATIONS

LETTING DATE:

**W.B. HOBBS, P.E.**  
DIVISION PROJECT MANAGER

**C.E. SLACHTA**  
DIVISION PROPOSALS ENGINEER



08-JAN-2016 14:00 C:\Division Main\tenance\AST Contracts 16-17\Hyde Tyrrell\DA00287\_psh.dgn 09/08/99

**CONTRACT: DA00287 WBS PROJECT: 2016CPT.01.13.20482.1, ETC.**

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**CONTRACT: DA00287 WBS PROJECT: 2016CPT.01.13.20482.1, ETC.**

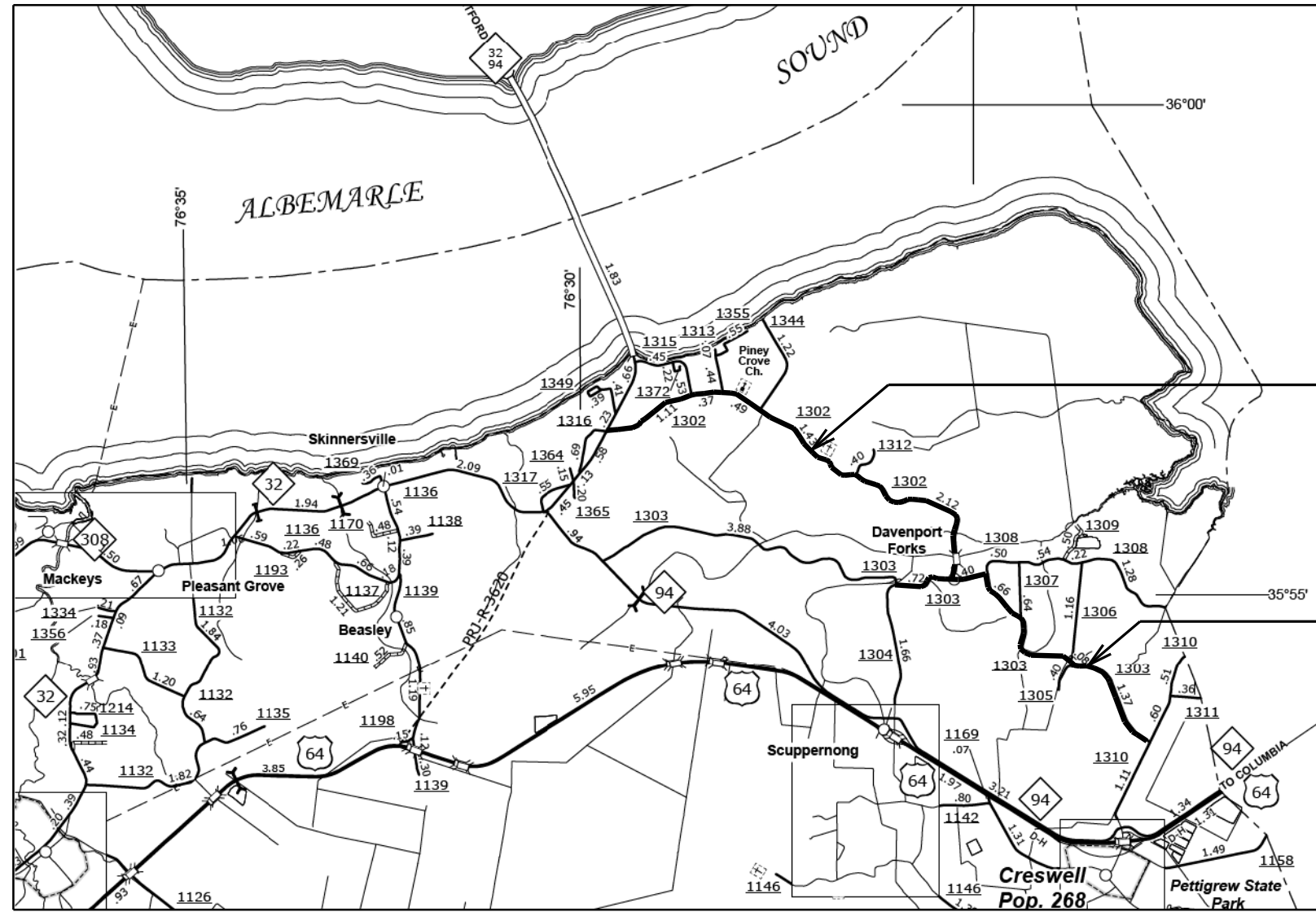
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2016CPT.01.13.20482.1, ETC.	3	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2016CPT.01.13.20942.1		MAP 11	
2016CPT.01.13.20942.1		MAP 12	

**WASHINGTON COUNTY**

LOCATION: MAP 11 SR 1302 FROM NC 32 TO SR 1303  
MAP 12 SR 1303 FROM SR 1310 TO SR 1304

TYPE OF WORK: ASPHALT SURFACE TREATMENT DOUBLE SEAL



MAP 11

MAP 12

**NTS**

**PROJECT LENGTH**

LENGTH OF ROADWAY PROJECT MAP 11 = 5.50 MI.  
LENGTH OF ROADWAY PROJECT MAP 12 = 4.20 MI.

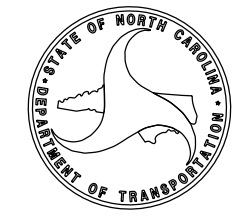
Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
113 Airport Dr., Edenton NC, 27932

2012 STANDARD SPECIFICATIONS

LETTING DATE:

**W.B. HOBBS, P.E.**  
DIVISION PROJECT MANAGER

**C.E. SLACHTA**  
DIVISION PROPOSALS ENGINEER



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

C1	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, AT AN APPLICATION RATE TO BE DETERMINED BY FIELD CONDITIONS IN ACCORDANCE WITH PROJECT SPECIAL PROVISIONS. (SEE NOTES)
U	EXISTING PAVEMENT.

NOTES:

\*ALL PAVED S.R. ROADS TO BE TREATED TO THE ENDS OF THE RADII,  
OR AS DIRECTED BY THE ENGINEER

\*ASPHALT SURFACE TREATMENT, DOUBLE SEAL CONSISTS OF TWO LAYERS OF TREATMENT:

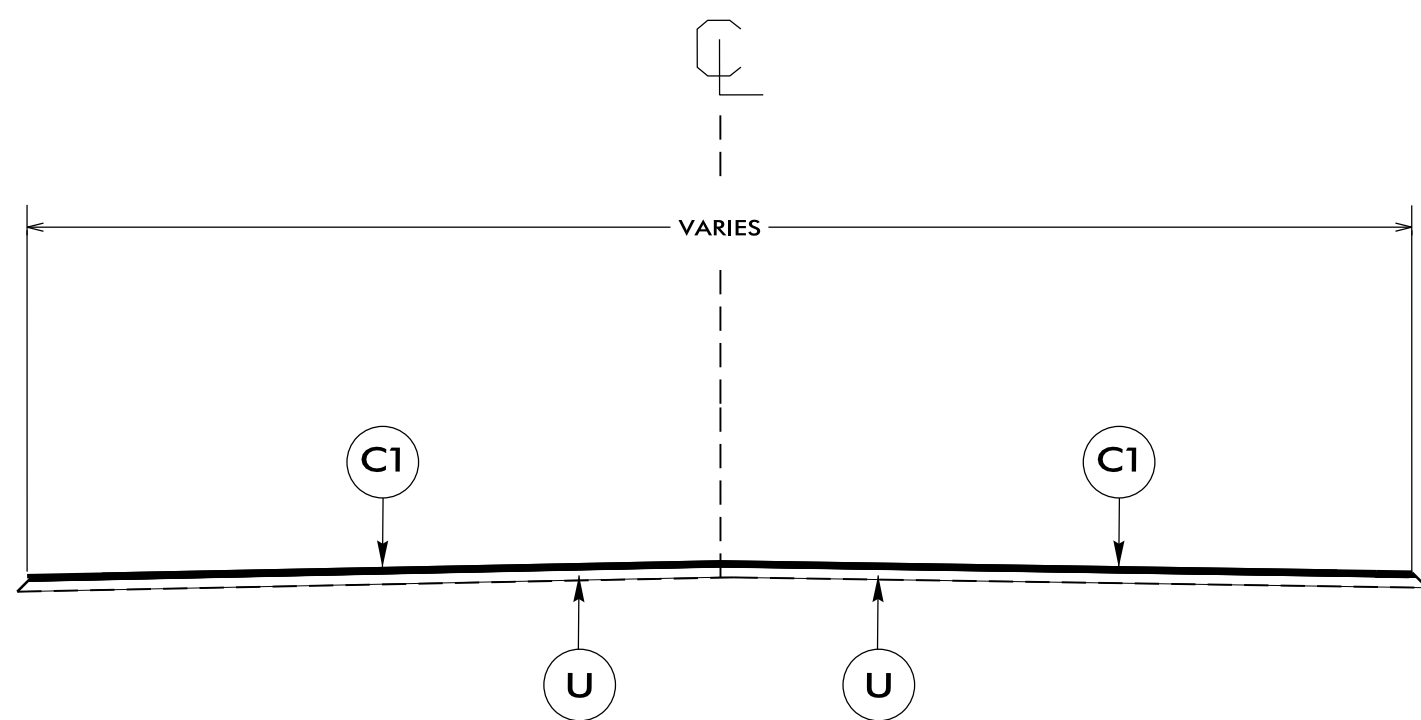
BOTTOM LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX  
0.30 ± GAL/SY AND A LAYER OF 78M AGGREGATE AT A RATE OF APPROX. 18 ± LBS/SY.

TOP LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX  
0.25 ± GAL/SY AND A LAYER OF:  $\frac{5}{16}$ " LIGHTWEIGHT AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.

OR #9 AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.

OR CA-9 LIGHTWEIGHT AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.

\*CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, LOADING, HAULING, AND PLACING ALL MATERIALS.



**TYPICAL SECTION NO. 1**

**USE WITH MAPS 1 THRU 12**

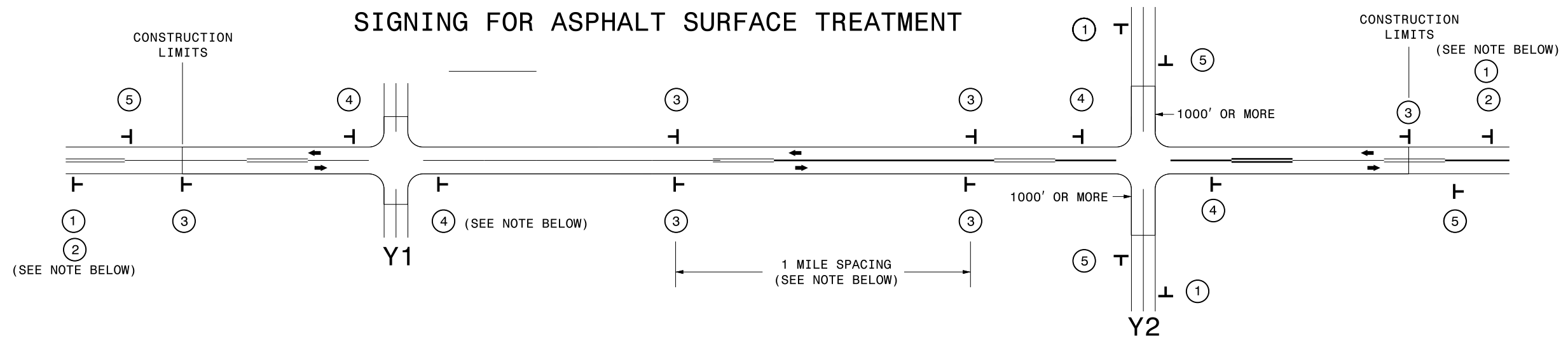
NTS

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PROJECT NO.	SHEET NO.	TOTAL NO.
2016CPT.01.13.20482.1,etc.	5	

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH MI	WIDTH FT	MOBILIZATION LS	ASPHALT SURFACE TREATMENT, DOUBLE SEAL SY	LATEX MODIFIED EMULSION FOR AST (CRS-2L) GAL	TEMP TRAFFIC CONTROL LS	4" WHITE PAINT LF	4" YELLOW PAINT LF
2016CPT.01.13.20482.1	Hyde	1	SR 1304	FROM US 264 TO SR 1305	1	2	2WU	4.70	18	1	49,632	27,297	1	101,144	62,040
2016CPT.01.13.20482.1	Hyde	2	SR 1142	FROM SR 1139 TOSR 1148	1	2	2WU	2.74	18	*	30,535	16,794	*	58,965	36,168
2016CPT.01.13.20482.1	Hyde	3	SR 1143	FROM SR 1152 TO PAVEMENT CHANGE	1	2	2WU	1.01	18	*	10,666	5,866	*	21,735	13,332
2016CPT.01.13.20482.1	Hyde	4	SR 1105	FROM SR 1114 TO SR 1103	1	2	2WU	1.50	18	*	15,840	8,712	*	32,280	19,800
2016CPT.01.13.20482.1	Hyde	5	SR 1160	FROM SR 1104 TO DEAD END	1	2	2WU	0.46	20	*	5,397	2,968	*	9,899	6,072
2016CPT.01.13.20892.1	Tyrrell	6	SR 1314	FROM SR 1310 TO EXISTING SEAL	1	2	2WU	1.60	20	*	19,484	10,716	*	34,432	21,120
2016CPT.01.13.20892.1	Tyrrell	7	SR 1310	FROM SR 1314 TO SR 1313	1	2	2WU	0.90	20	*	11,449	6,296	*	19,368	11,880
2016CPT.01.13.20892.1	Tyrrell	8	SR 1100	FROM NC 94 TO NC 94	1	2	2WU	0.40	18	*	4,459	2,452	*	8,608	5,280
2016CPT.01.13.20892.1	Tyrrell	9	SR 1322	FROM NC 94 TO PAVEMENT END	1	2	2WU	0.60	17	*	5,984	3,291	*	12,912	7,920
2016CPT.01.13.20892.1	Tyrrell	10	SR 1314	FROM SR 1316 TO PAVEMENT END	1	2	2WU	1.00	20	*	11,733	6,453	*	21,520	13,200
2016CPT.01.13.20942.1	Washington	11	SR 1302	FROM NC 32 TO SR 1303	1	2	2WU	5.50	20	*	64,533	35,493	*	118,360	72,600
2016CPT.01.13.20942.1	Washington	12	SR 1303	FROM SR 1310 TO SR 1304	1	2	2WU	4.20	20	*	54,691	30,080	*	90,384	55,440
<b>GRAND TOTAL</b>								<b>24.61</b>		<b>1</b>	<b>284,403</b>	<b>156,418</b>	<b>1</b>	<b>854,459</b>	



LEGEND	
	STATIONARY SIGN
	DIRECTION OF TRAFFIC FLOW

### MAINLINE (-L-) SIGNING

### -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 <small>W20-1 48" X 48"</small> PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.
	2	 <small>W7-3aP 24" X 18"</small> #2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)
	3	 <small>W8-7 48" X 48"</small> ALTERNATE THE FOLLOWING TWO SIGNS: STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".  <small>SP 48" X 48"</small> PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.
	4	 <small>SP 13106 48" X 48"</small> 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	 <small>G20-2 A 48" X 24"</small> PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.

NO REQUIRED STATIONARY SIGNING 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, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

W20-1  
48" X 48"

W20-7 A  
48" X 48"

PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.

ADVANCE WARNING SIGNS  
FOR  
ASPHALT SURFACE TREATMENTS  
2 LANE ROADWAYS