

CONTRACT: DA00384 WBS ELEMENT: 2018CPT.01.14.20082.1, ETC.

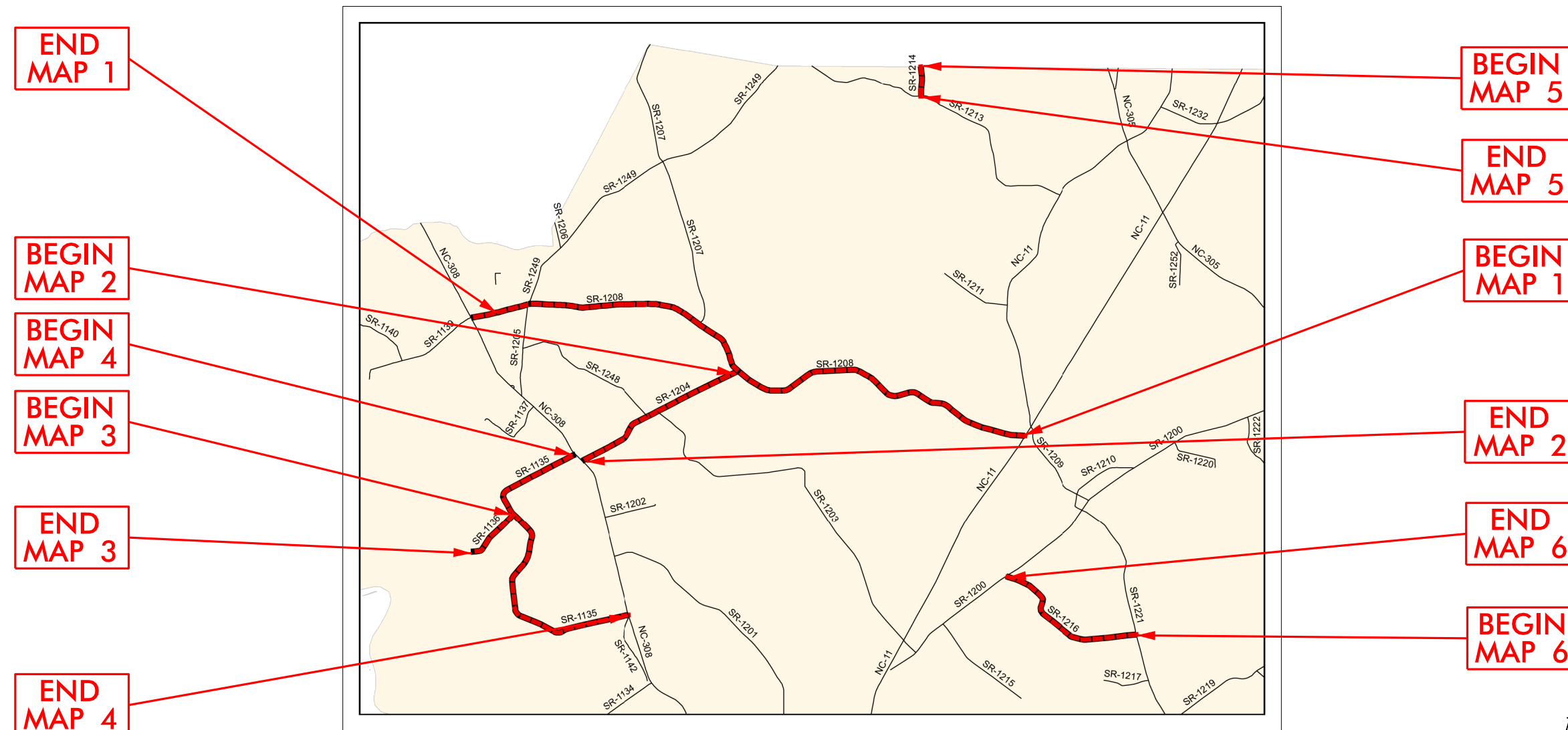
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

BERTIE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.01.14.20082.1, ETC.	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2018CPT.01.14.20082.1		MAP 1	
2018CPT.01.14.20082.1		MAP 2	
2018CPT.01.14.20082.1		MAP 3	
2018CPT.01.14.20082.1		MAP 4	
2018CPT.01.14.20082.1		MAP 5	
2018CPT.01.14.20082.1		MAP 6	

LOCATION: MAP 1 – SR 1208 – FROM NC 11 TO CURB & GUTTER MAP 4 – SR 1135 – FROM NC 308 TO NC 308
 MAP 2 – SR 1204 – FROM SR 1208 TO NC 308 MAP 5 – SR 1214 – FROM HERTFORD CO. TO SR 1213
 MAP 3 – SR 1136 – FROM SR 1135 TO DEAD END MAP 6 – SR 1216 – FROM SR 1221 TO SR 1200

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL



NOT TO SCALE

PROJECT LENGTH

LENGTH OF MAP 1 = 6.51 MI.
 LENGTH OF MAP 2 = 2.03 MI.
 LENGTH OF MAP 3 = 0.66 MI.
 LENGTH OF MAP 4 = 3.75 MI.
 LENGTH OF MAP 5 = 0.33 MI.
 LENGTH OF MAP 6 = 1.79 MI.

Prepared in the Office of:
DIVISION OF HIGHWAYS

113 Airport Dr., Edenton NC, 27932

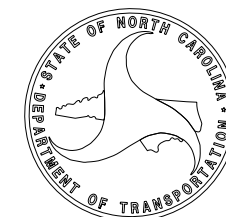
2018 STANDARD SPECIFICATIONS

LETTING DATE:

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

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA



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DIVISION OF HIGHWAYS

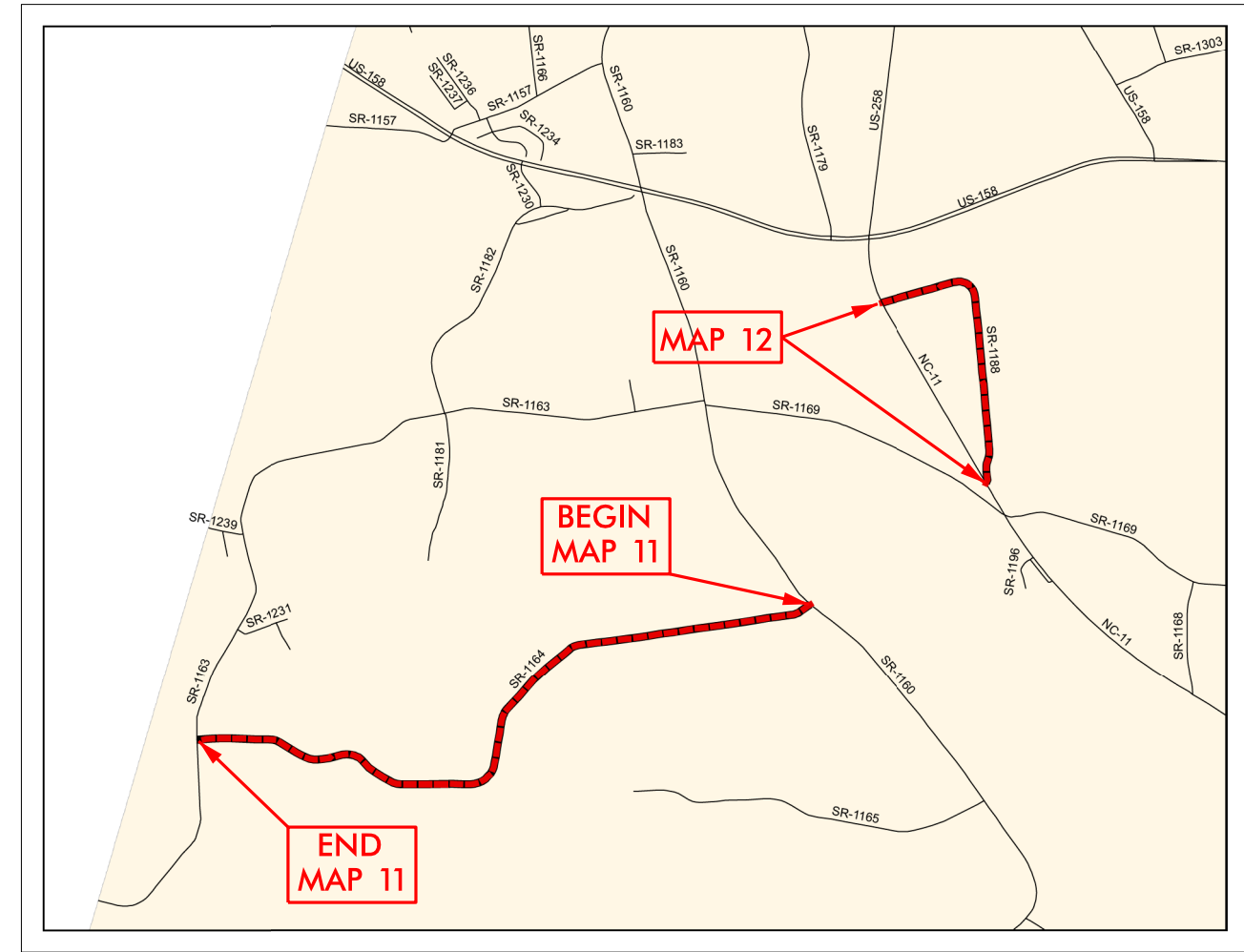
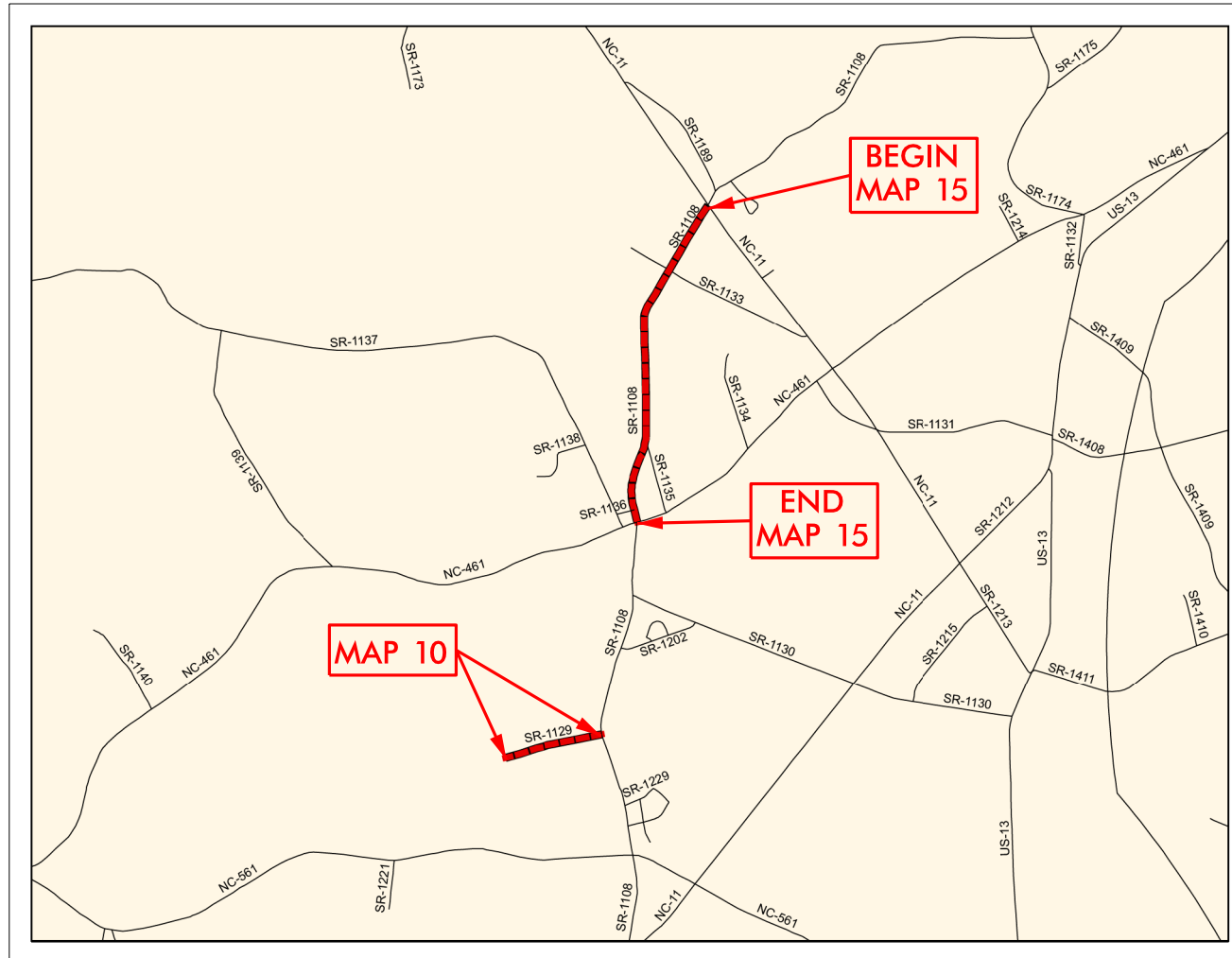
HERTFORD COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.01.14.20082.1, ETC.	3	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2018CPT.01.14.20462.1		MAP 10	
2018CPT.01.14.20462.1		MAP 11	
2018CPT.01.14.20462.1		MAP 12	
2018CPT.01.14.20462.1		MAP 15	



LOCATION: MAP 10 - SR 1129 - FROM SR 1108 TO DEAD END
MAP 11 - SR 1164 - FROM SR 1160 TO SR 1163
MAP 12 - SR 1188 - FROM NC 11 TO NC 11
MAP 15 - SR 1108 - FROM NC 11 TO NC 461

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL



NOT TO SCALE

PROJECT LENGTH

LENGTH OF MAP 10 = 0.55 MI.
 LENGTH OF MAP 11 = 3.13 MI.
 LENGTH OF MAP 12 = 1.28 MI.
 LENGTH OF MAP 15 = 1.82 MI.

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

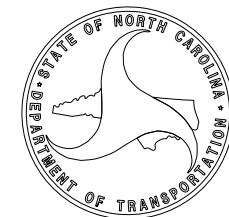
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W.B. HOBBS, P.E.
 DIVISION PROJECT MANAGER

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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA



NOTES:

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

*PAVEMENT MARKINGS 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 APPROX
0.30 ± GAL/SY AND A LAYER OF 78M AGGREGATE AT A RATE OF APPROX. 18 ± LBS/SY.

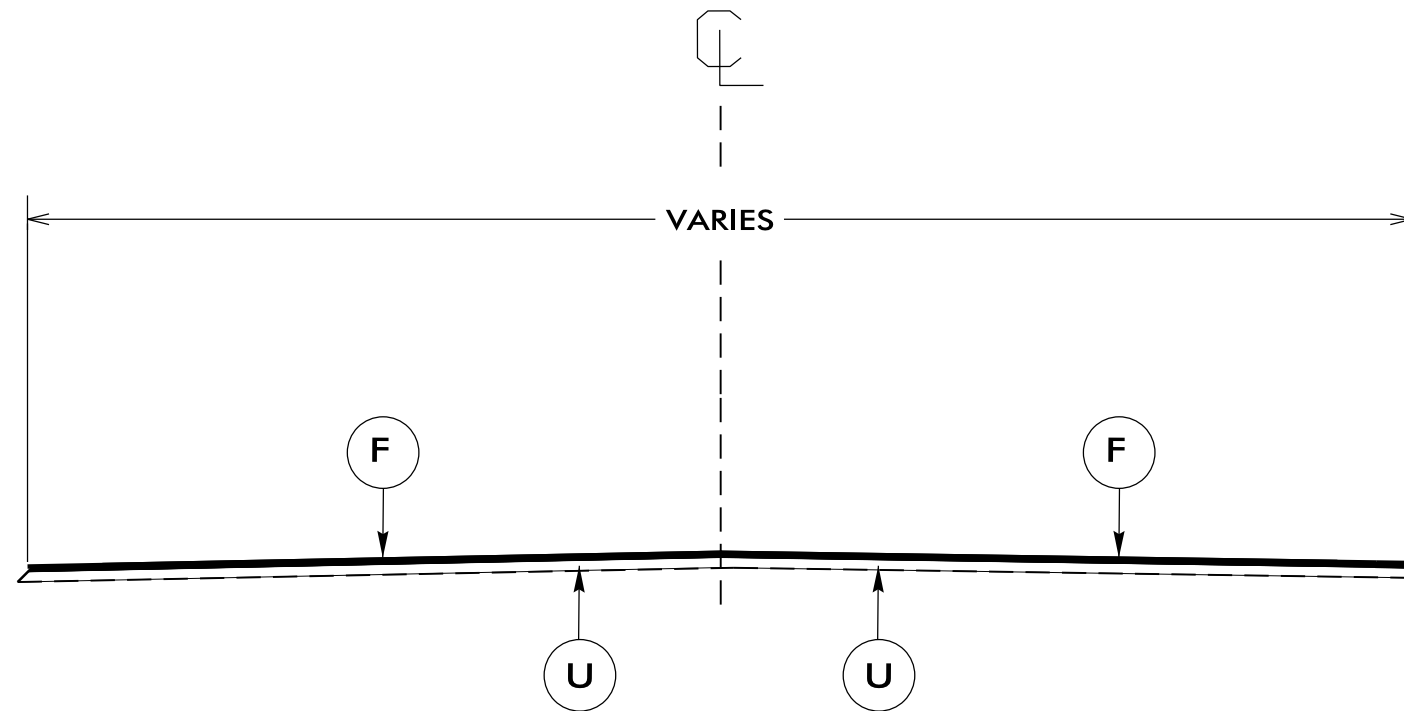
TOP LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX
0.25 ± GAL/SY AND A LAYER OF: 5/16" LIGHTWEIGHT AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.

*ALL AGGREGATE MATERIAL IS TO BE PROVIDED BY THE DEPARTMENT

*CONTRACTOR SHALL BE RESPONSIBLE FOR LOADING, HAULING, & PLACING ALL AGGREGATE MATERIAL.

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

F	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.



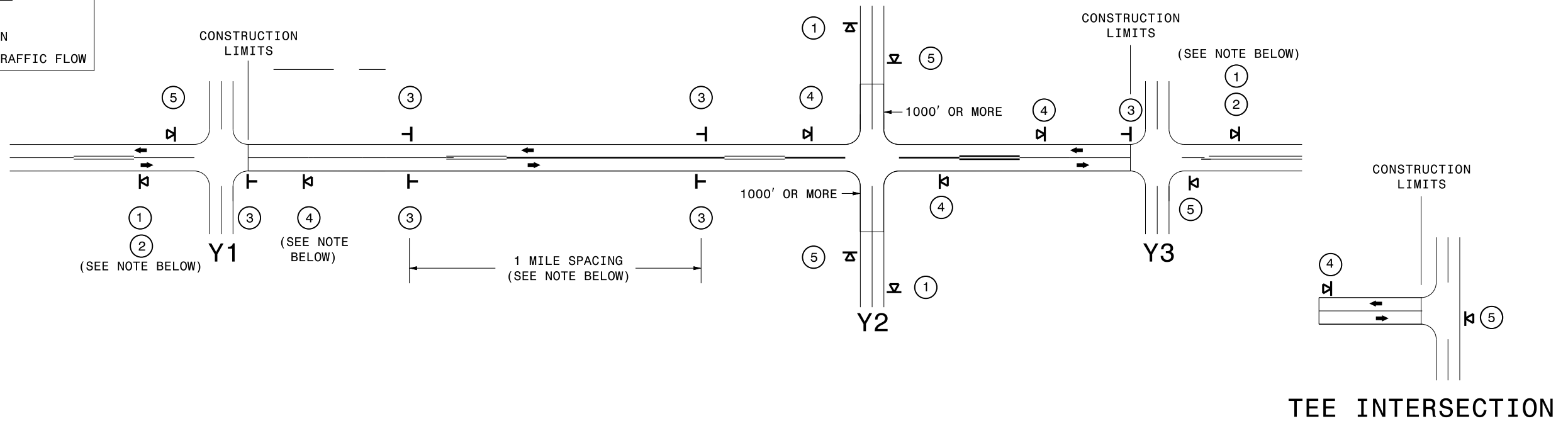
TYPICAL SECTION NO. 1

USE WITH MAPS 1 - 18

SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

Ⓚ PORTABLE SIGN
 ┃ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



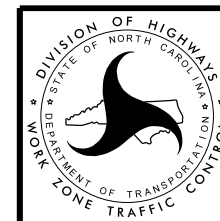
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	①	 <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.	<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	 <small>W7-3aP 24" X 18"</small>	- 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	 <small>W8-7 48" X 48"</small>	- 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.	
		 <small>SP 48" X 48"</small>	- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART 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 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**

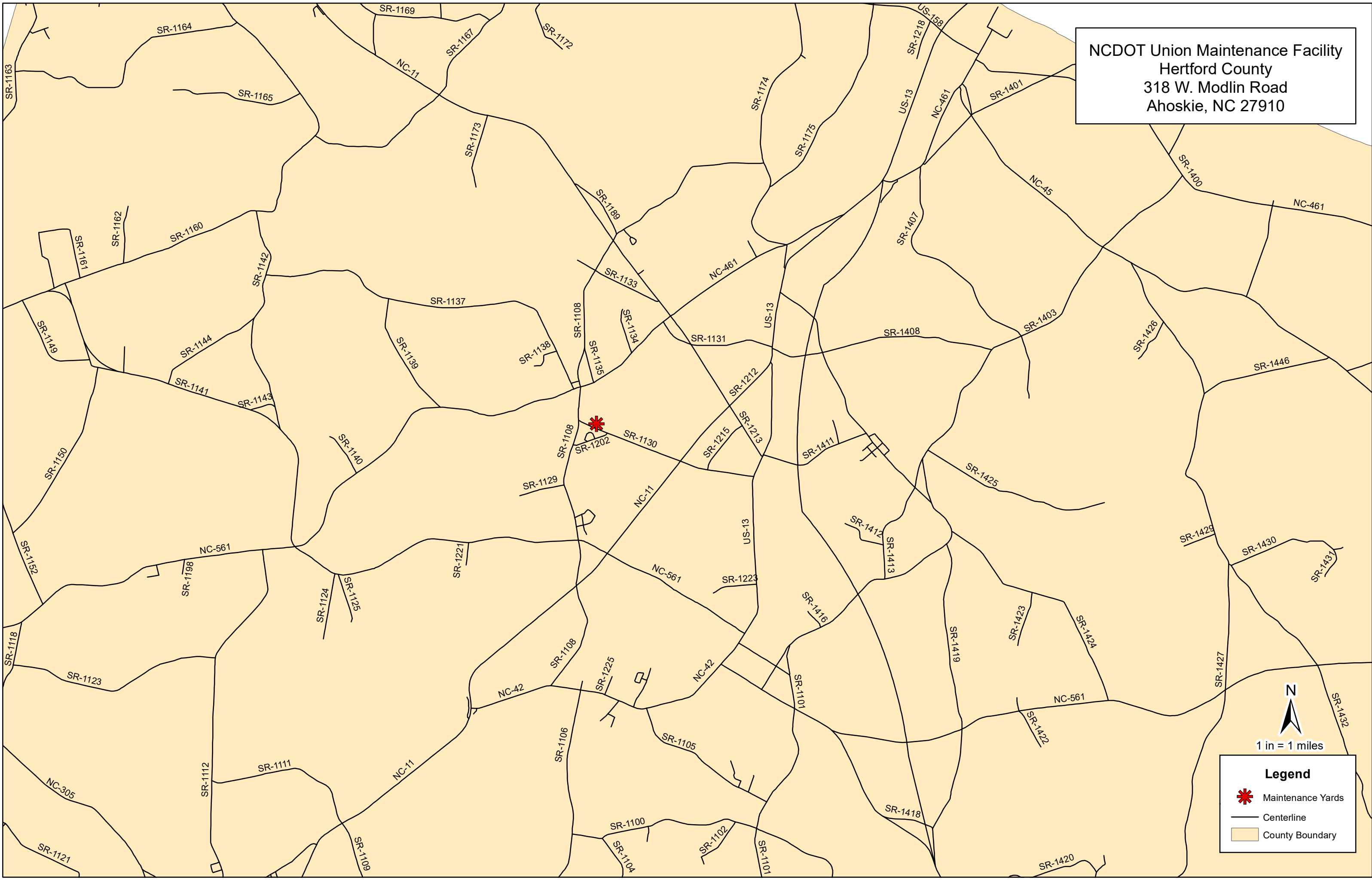
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PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.01.14.20082.1, ETC.	6	

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	TEMPORARY TRAFFIC CONTROL
										MI	FT	LS	SY	GAL	LS
2018CPT.01.14.20082.1	Bertie	1	SR1208 (HARRELLS SIDING RD)	NC11 TO CURB AND GUTTER	1	2	2WU	NO	NO	6.51	20	1	76,384	42,011	1
2018CPT.01.14.20082.1	Bertie	2	SR1204 (72 SIDING RD)	SR1208 TO NC308	1	2	2WU	NO	NO	2.03	20	*	23,819	13,100	*
2018CPT.01.14.20082.1	Bertie	3	SR1136 (MARTEE WALTON RD)	SR1135 TO DEADEND	1	2	2WU	NO	NO	0.66	20	*	7,744	4,259	*
2018CPT.01.14.20082.1	Bertie	4	SR1135 (BLACKJACK RD)	NC308 TO NC308	1	2	2WU	NO	NO	3.75	20	*	44,000	24,200	*
2018CPT.01.14.20082.1	Bertie	5	SR1214 (RAWLS RD)	SR1213 TO BERTIE CO. LINE	1	2	2WU	NO	NO	0.33	20	*	3,872	2,129	*
2018CPT.01.14.20082.1	Bertie	6	SR1216 (BURGESS RD)	SR1221 TO SR1200	1	2	2WU	NO	NO	1.79	20	*	21,003	11,551	*
2018CPT.01.14.20462.1	Hertford	7	SR1149 (ELEY RD)	SR1160 TO SR1141	1	2	2WU	NO	NO	1.25	20	*	14,667	8,066	*
2018CPT.01.14.20462.1	Hertford	8	SR1116 (JOE PHELPS RD)	SR1114 TO SR1121	1	2	2WU	NO	NO	1.13	20	*	13,259	7,291	*
2018CPT.01.14.20462.1	Hertford	9	SR1150 (WILLIAM VINSON RD)	SR1141 TO SR1152	1	2	2WU	NO	NO	2.31	20	*	27,104	14,907	*
2018CPT.01.14.20462.1	Hertford	10	SR1129 (REA RD)	SR1108 TO DEADEND	1	2	2WU	NO	NO	0.55	20	*	6,453	3,549	*
2018CPT.01.14.20462.1	Hertford	11	SR1164 (VINSONS MILL RD)	SR1160 TO SR1163	1	2	2WU	NO	NO	3.13	20	*	36,725	20,198	*
2018CPT.01.14.20462.1	Hertford	12	SR1188 (COLLIN RD)	NC11 TO NC11	1	2	2WU	NO	NO	1.28	20	*	15,019	8,260	*
2018CPT.01.14.20462.1	Hertford	13	SR1152 (JIM HARDY RD)	NC561 TO SR1154	1	2	2WU	NO	NO	1.52	20	*	17,835	9,809	*
2018CPT.01.14.20462.1	Hertford	14	SR1115 (HOGGARD RD)	SR1114 TO BERTIE CO. LINE	1	2	2WU	NO	NO	0.11	20	*	1,291	709	*
2018CPT.01.14.20462.1	Hertford	15	SR1108 (BOONES FARM RD)	NC11 TO NC461	1	2	2WU	NO	NO	1.82	20	*	21,355	11,744	*
2018CPT.01.14.20462.1	Hertford	16	SR1143 (BRITTON RD)	SR1141 TO SR1142	1	2	2WU	NO	NO	0.31	20	*	3,637	2,000	*
2018CPT.01.14.20462.1	Hertford	17	SR1144 (BLOWE RD)	SR1142 TO SR1141	1	2	2WU	NO	NO	1.35	20	*	15,840	8,712	*
2018CPT.01.14.20462.1	Hertford	18	SR1145 (CHITTY RD)	SR1141 TO DEADEND	1	2	2WU	NO	NO	0.32	20	*	3,755	2,064	*
GRAND TOTAL										30.15		1	353,762	194,559	1

NCDOT Union Maintenance Facility
Hertford County
318 W. Modlin Road
Ahoskie, NC 27910



1 in = 1 miles

Legend

-  Maintenance Yards
-  Centerline
-  County Boundary