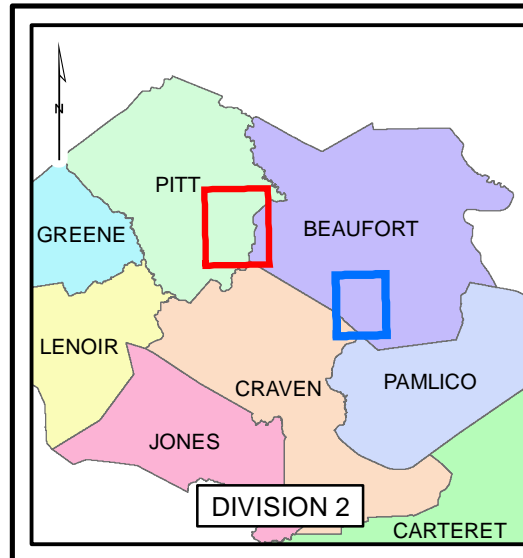


PROJECT REFERENCE NO.	SHEET NO.
DB00375	1

BEAUFORT & PITT COUNTY

DB00375

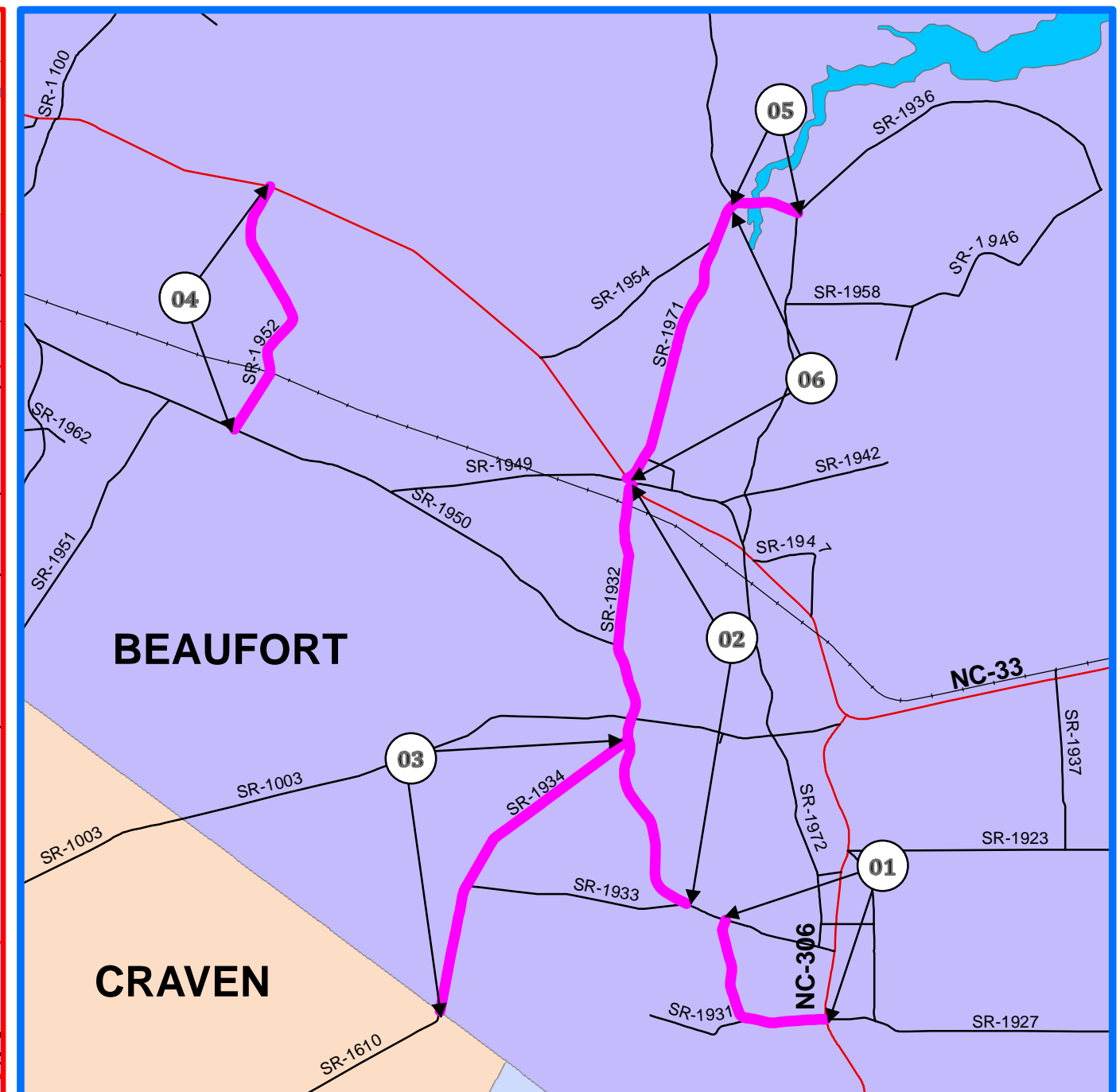
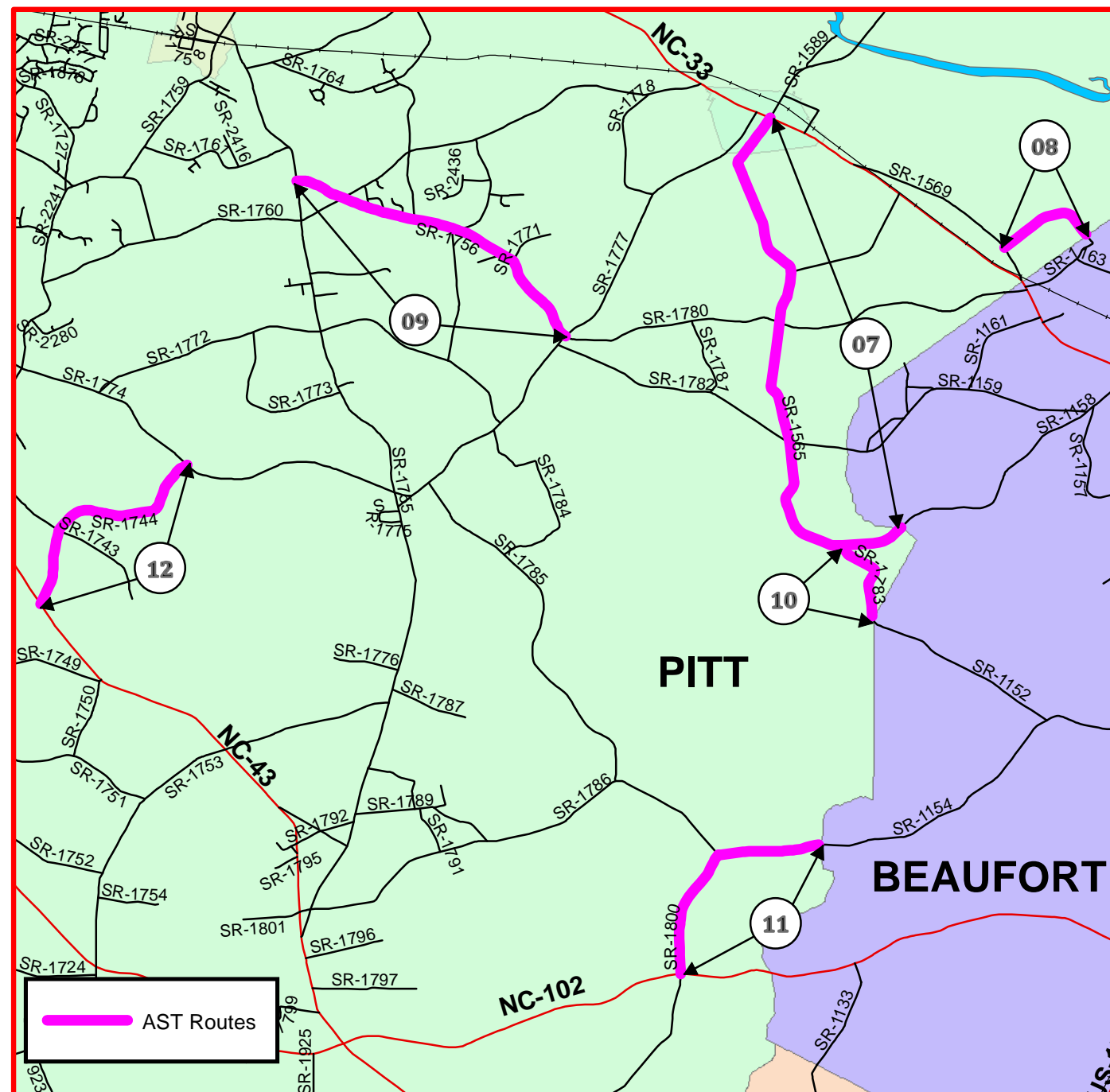
WBS# 2018CPT.02.06.20072
2018CPT.02.07.20742



TYPE OF WORK: DISTRICT 1 - ASPHALT SURFACE TREATMENT



NCDOT
DIVISION 2



LOCATION SUMMARY

Map Number	WBS	County	Route Name	From Description	To Description	Begin MP	To MP	Length	Width	SQ YDS
01	2018CPT.02.06.20072	007-Beaufort	SR 1927	NC 306	SR 1932	2.66	4.10	1.44	20.00	16,896
02	2018CPT.02.06.20072	007-Beaufort	SR 1932	SR 1933	NC 33	1.12	4.86	3.75	20.00	43,965
03	2018CPT.02.06.20072	007-Beaufort	SR 1934	SR 1932	CRAVEN CO.	0.00	2.79	2.79	20.00	32,736
04	2018CPT.02.06.20072	007-Beaufort	SR 1952	SR 1950	NC 33	0.00	2.27	2.27	20.00	26,635
05	2018CPT.02.06.20072	007-Beaufort	SR 1955	SR 1971	SR 1936	0.00	0.46	0.46	18.00	4,826
06	2018CPT.02.06.20072	007-Beaufort	SR 1971	NC 33	SR 1955	0.00	2.49	2.49	20.00	29,193
07	2018CPT.02.07.20742	074-PITT	SR 1565	BEAUFORT CO	NC 33	0.00	5.73	5.73	20.00	67,232
08	2018CPT.02.07.20742	074-PITT	SR 1570	SR 1569	BEAUFORT CO	0.00	0.98	0.98	20.00	11,499
09	2018CPT.02.07.20742	074-PITT	SR 1756	SR 1777	SR 1775	0.00	3.06	3.06	20.00	35,904
10	2018CPT.02.07.20742	074-PITT	SR 1783	SR 1565	BEAUFORT CO	0.00	0.91	0.91	20.00	10,677
11	2018CPT.02.07.20742	074-PITT	SR 1800	NC 102	BEAUFORT CO	4.42	6.69	2.27	20.00	26,635
12	2018CPT.02.07.20742	074-PITT	SR 1744	NC 43	SR 1774	0.00	2.35	2.35	20.00	27,573

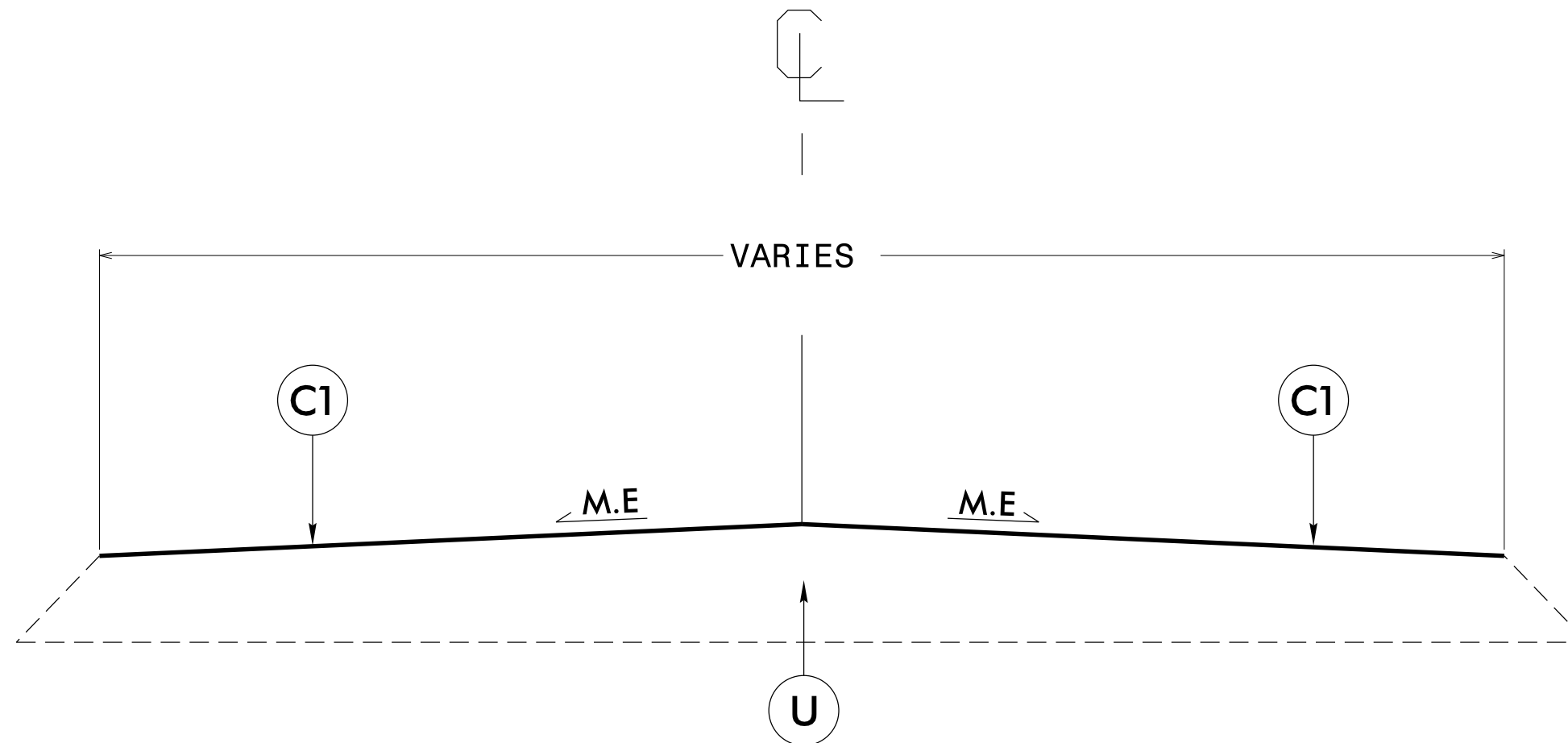
NOTE:

1. ALL PAVED SECONDARY ROUTES TO BE TREATED TO THE ENDS OF THE RADII OR AS DIRECTED BY THE ENGINEER
2. 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. 0.25[±] GAL/SY AND A LAYER OF 5/16" LIGHT WEIGHT AGGREGATE AT A RATE OF APPROX. 9[±] 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" LIGHT WEIGHT AGGREGATE AT A RATE OF APPROX. 9[±] LBS/SY.
3. PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS

PAVEMENT SCHEDULE	
C1	PROPOSED ASPHALT SURFACE TREATMENT, DOUBLE SEAL, AT AN APPLICATION RATE TO BE DETERMINED BY FIELD CONDITIONS IN ACCORDANCE WITH PROJECT SPECIAL PROVISIONS.
U	EXISTING PAVEMENT
DRAWINGS NOT TO SCALE	

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



TYPICAL SECTION NO. 1

MAP 1 THROUGH MAP 7

PROJECT NO.	SHEET NO.	TOTAL NO.
DB00375	4	

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	180350000-E	183800000-E		
												ASPHALT SURFACE TREATMENT, DOUBLE SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT		
												MI	FT	SY	GAL
2018CPT.02.06.20072	Beaufort	1	SR 1927	FROM NC 306 TO SR 1932	1	2	2WU	NO	NO	1.44	20	16,896	8,448		
TOTAL FOR MAP NO. 1												1.44		16,896	8,448
2018CPT.02.06.20072	Beaufort	2	SR 1932	FROM SR 1933 TO NC 33	1	2	2WU	NO	NO	3.75	20	44,000	21,982		
TOTAL FOR MAP NO. 2												3.75		44,000	21,982
2018CPT.02.06.20072	Beaufort	3	SR 1934	FROM SR 1932 TO CRAVEN CO. LINE	1	2	2WU	NO	NO	2.79	20	32,736	16,368		
TOTAL FOR MAP NO. 3												2.79		32,736	16,368
2018CPT.02.06.20072	Beaufort	4	SR 1952	FROM SR 1950 TO NC 33	1	2	2WU	NO	NO	2.27	20	26,635	13,317		
TOTAL FOR MAP NO. 4												2.27		26,635	13,317
2018CPT.02.06.20072	Beaufort	5	SR 1955	FROM SR 1971 TO SR 1936	1	2	2WU	NO	NO	0.46	18	4,858	2,413		
TOTAL FOR MAP NO. 5												0.46		4,858	2,413
2018CPT.02.06.20072	Beaufort	6	SR 1971	FROM NC 33 TO SR 1955	1	2	2WU	NO	NO	2.49	20	29,216	14,596		
TOTAL FOR MAP NO. 6												2.49		29,216	14,596
TOTAL FOR PROJ NO. 2018CPT.02.06.20072												13.20		154,341	77,124
2018CPT.02.07.20742	Pitt	7	SR 1565	FROM BEAUFORT CO. LINE TO NC 33	1	2	2WU	NO	NO	5.73	20	67,232	33,616		
TOTAL FOR MAP NO. 7												5.73		67,232	33,616
2018CPT.02.07.20742	Pitt	8	SR 1570	FROM SR 1569 TO BEAUFORT CO. LINE	1	2	2WU	NO	NO	0.98	20	11,499	5,749		
TOTAL FOR MAP NO. 8												0.98		11,499	5,749
2018CPT.02.07.20742	Pitt	9	SR 1756	FROM SR 1777 TO SR 1775	1	2	2WU	NO	NO	3.06	20	35,904	17,952		
TOTAL FOR MAP NO. 9												3.06		35,904	17,952
2018CPT.02.07.20742	Pitt	10	SR 1783	FROM SR 1565 TO BEAUFORT CO. LINE	1	2	2WU	NO	NO	0.91	20	10,677	5,339		
TOTAL FOR MAP NO. 10												0.91		10,677	5,339
2018CPT.02.07.20742	Pitt	11	SR 1800	FROM NC 102 TO BEAUFORT CO. LINE	1	2	2WU	NO	NO	2.27	20	26,635	13,317		
TOTAL FOR MAP NO. 11												2.27		26,635	13,317
2018CPT.02.07.20742	Pitt	12	SR 1744	FROM NC 43 TO SR 1774	1	2	2WU	NO	NO	2.35	20	27,573	13,787		
TOTAL FOR MAP NO. 12												2.35		27,573	13,787
TOTAL FOR PROJ NO. 2018CPT.02.07.20742												15.30		179,520	89,760
GRAND TOTAL												28.50		333,861	166,884

PROJECT NO.	SHEET NO.	TOTAL NO.
DB00375	5	

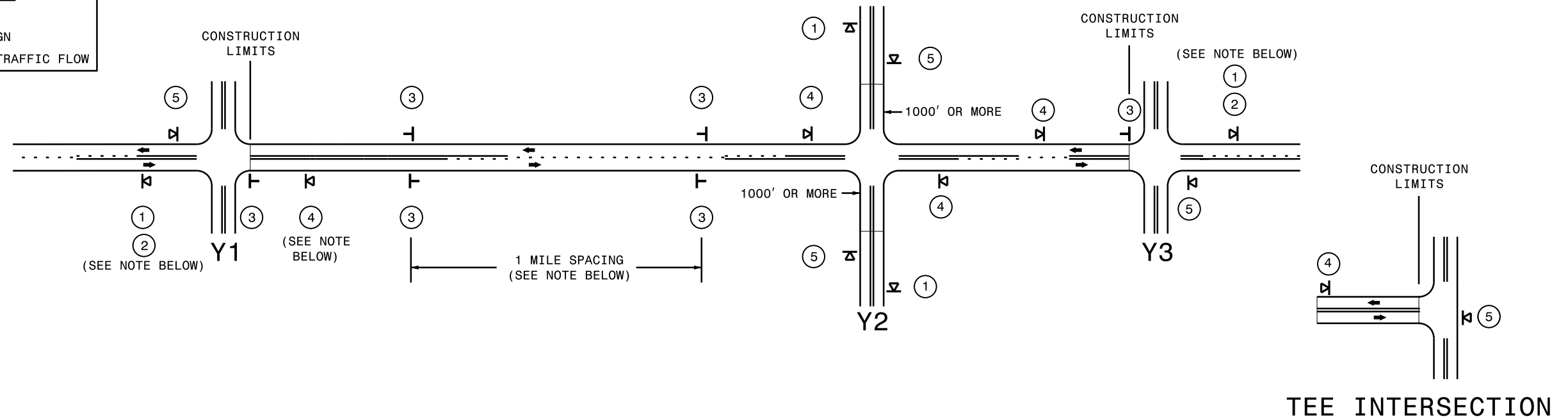
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E WORK ZONE ADVANCE / GENERAL WARNING SIGNING	4457000000-N TEMPORARY TRAFFIC CONTROL
								MI	FT	SF	LS
2018CPT.02.06.20072	Beaufort	1	SR 1927	FROM NC 306 TO SR 1932	1	2	2WU	1.44	20	165	0.05
TOTAL FOR MAP NO. 1								1.44		165	0.05
2018CPT.02.06.20072	Beaufort	2	SR 1932	FROM SR 1933 TO NC 33	1	2	2WU	3.75	20	420	0.13
TOTAL FOR MAP NO. 2								3.75		420	0.13
2018CPT.02.06.20072	Beaufort	3	SR 1934	FROM SR 1932 TO CRAVEN CO. LINE	1	2	2WU	2.79	20	315	0.10
TOTAL FOR MAP NO. 3								2.79		315	0.10
2018CPT.02.06.20072	Beaufort	4	SR 1952	FROM SR 1950 TO NC 33	1	2	2WU	2.27	20	260	0.08
TOTAL FOR MAP NO. 4								2.27		260	0.08
2018CPT.02.06.20072	Beaufort	5	SR 1955	FROM SR 1971 TO SR 1936	1	2	2WU	0.46	18	55	0.02
TOTAL FOR MAP NO. 5								0.46		55	0.02
2018CPT.02.06.20072	Beaufort	6	SR 1971	FROM NC 33 TO SR 1955	1	2	2WU	2.49	20	300	0.09
TOTAL FOR MAP NO. 6								2.49		300	0.09
TOTAL FOR PROJ NO. 2018CPT.02.06.20072								13.20		1,515	0.47
2018CPT.02.07.20742	Pitt	7	SR 1565	FROM BEAUFORT CO. LINE TO NC 33	1	2	2WU	5.73	20	650	0.20
TOTAL FOR MAP NO. 7								5.73		650	0.20
2018CPT.02.07.20742	Pitt	8	SR 1570	FROM SR 1569 TO BEAUFORT CO. LINE	1	2	2WU	0.98	20	110	0.03
TOTAL FOR MAP NO. 8								0.98		110	0.03
2018CPT.02.07.20742	Pitt	9	SR 1756	FROM SR 1777 TO SR 1775	1	2	2WU	3.06	20	350	0.11
TOTAL FOR MAP NO. 9								3.06		350	0.11
2018CPT.02.07.20742	Pitt	10	SR 1783	FROM SR 1565 TO BEAUFORT CO. LINE	1	2	2WU	0.91	20	100	0.03
TOTAL FOR MAP NO. 10								0.91		100	0.03
2018CPT.02.07.20742	Pitt	11	SR 1800	FROM NC 102 TO BEAUFORT CO. LINE	1	2	2WU	2.27	20	260	0.08
TOTAL FOR MAP NO. 11								2.27		260	0.08
2018CPT.02.07.20742	Pitt	12	SR 1744	FROM NC 43 TO SR 1774	1	2	2WU	2.35	20	270	0.08
TOTAL FOR MAP NO. 12								2.35		270	0.08
TOTAL FOR PROJ NO. 2018CPT.02.07.20742								15.30		1,740	0.53
GRAND TOTAL								28.50		3,255	1.00

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.	<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;"> W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	②	 W7-3aP 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.	
	④	 SP 48" X 48"	- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	⑤	 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 A 48" X 24"	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