

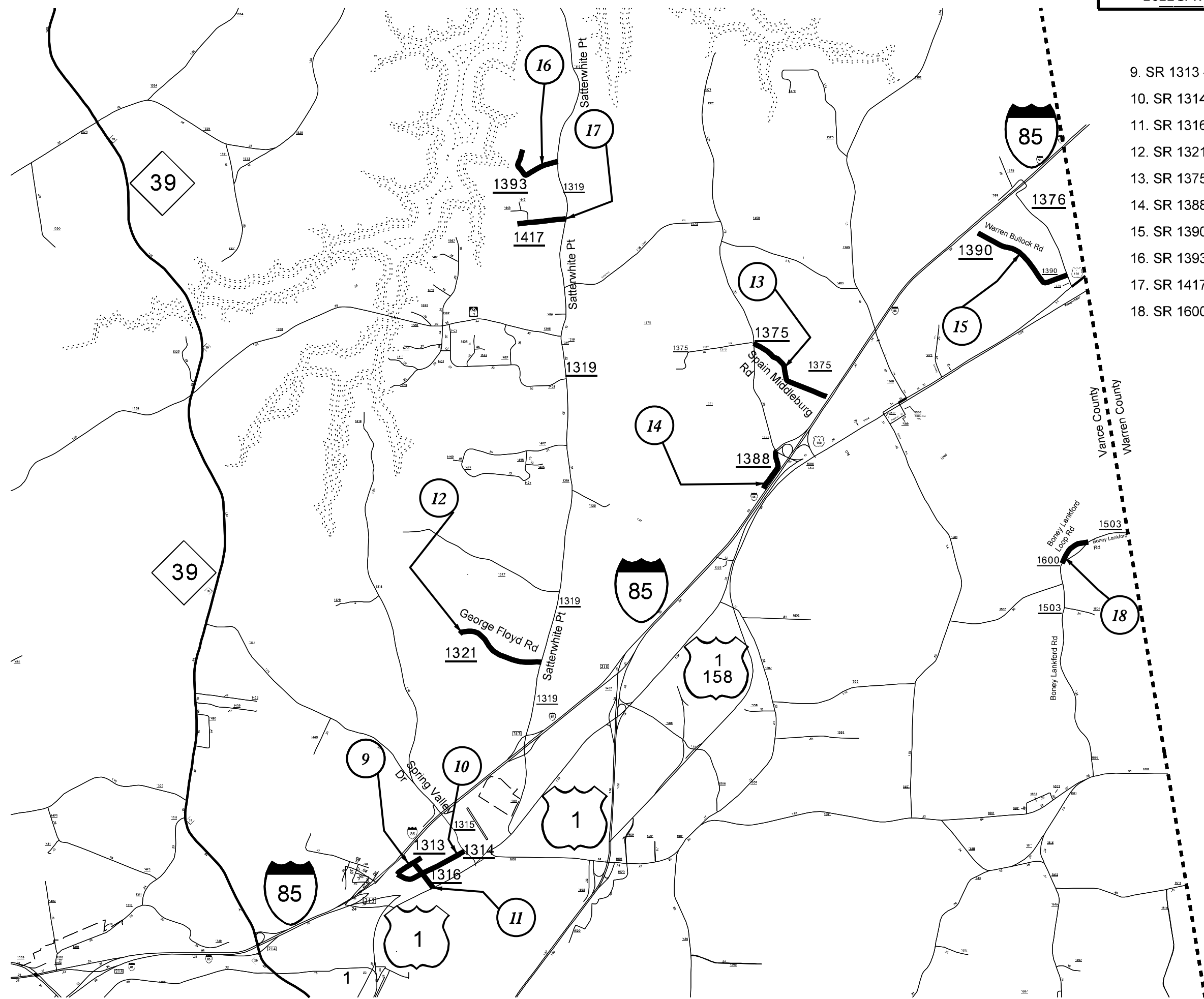
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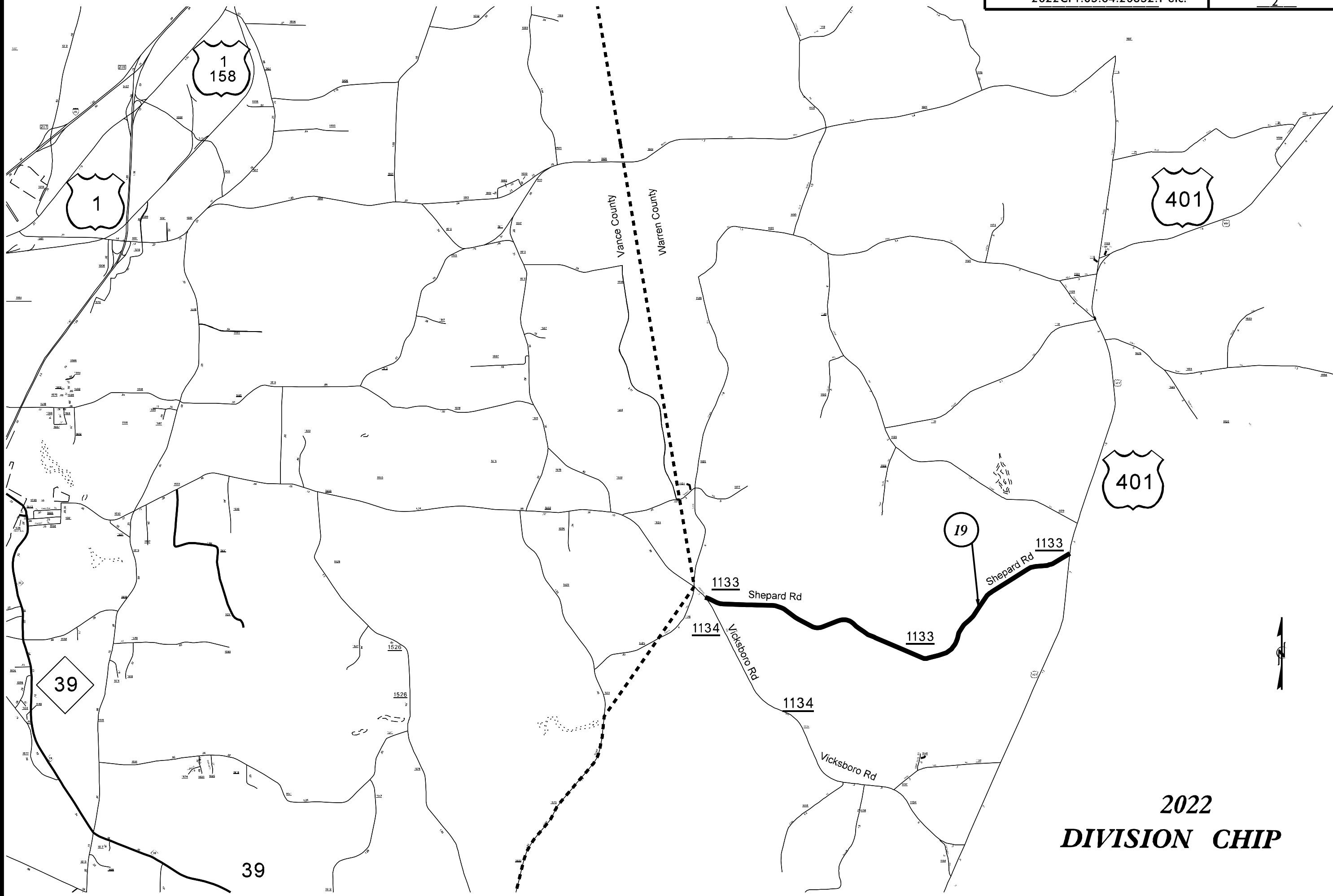
- 9. SR 1313 - FARM ST
- 10. SR 1314 - THOMAS LN
- 11. SR 1316 - NORWOOD ST
- 12. SR 1321 - GEORGE FLOYD RD
- 13. SR 1375 - E SPAIN MIDDLEBURG RD
- 14. SR 1388 - D. K. STAINBACK RD
- 15. SR 1390 - WARREN BULLOCK RD
- 16. SR 1393 - MOODY RD
- 17. SR 1417-DANIEL BOONE TRAIL
- 18. SR 1600 - BONEY LANKFORD LOOP RD

5/14/23
SYSTEMS\$\$\$\$\$
LANKFORD



2022
DIVISION CHIP

5/14/23

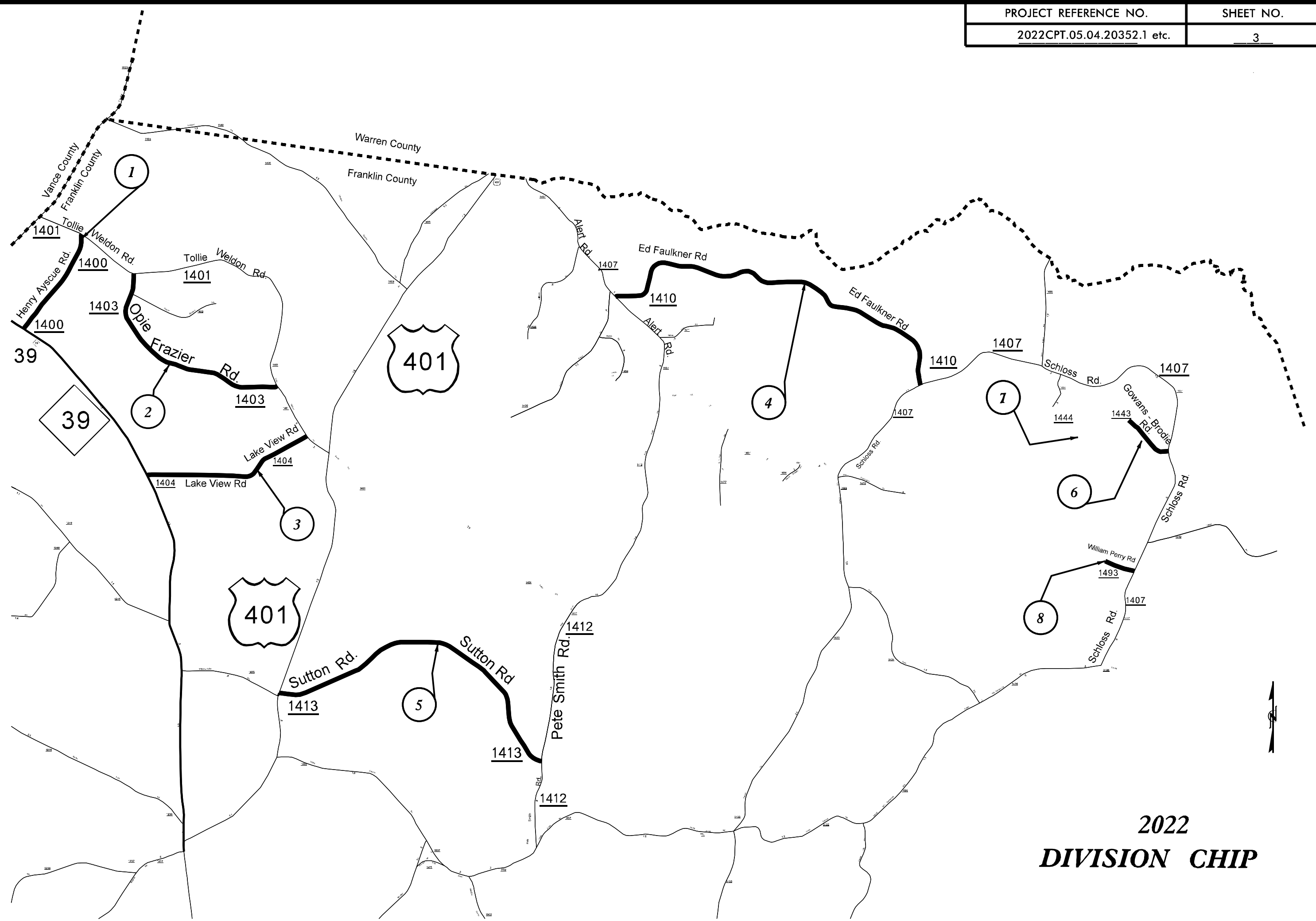


2022
DIVISION CHIP

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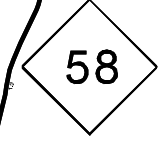
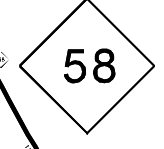
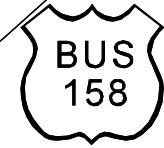
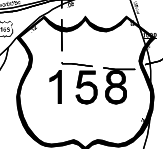
5/14/23

SYSTEMS
LTD.



**2022
DIVISION CHIP**

5/14/23



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1509

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1509

1509

1509

1511

1511

1512

1512

Jessie Shearin Rd

Jessie Shearin Rd

Odell - Littleton Rd

Embros - Odell Rd

Mountain View rd

Mountain View rd

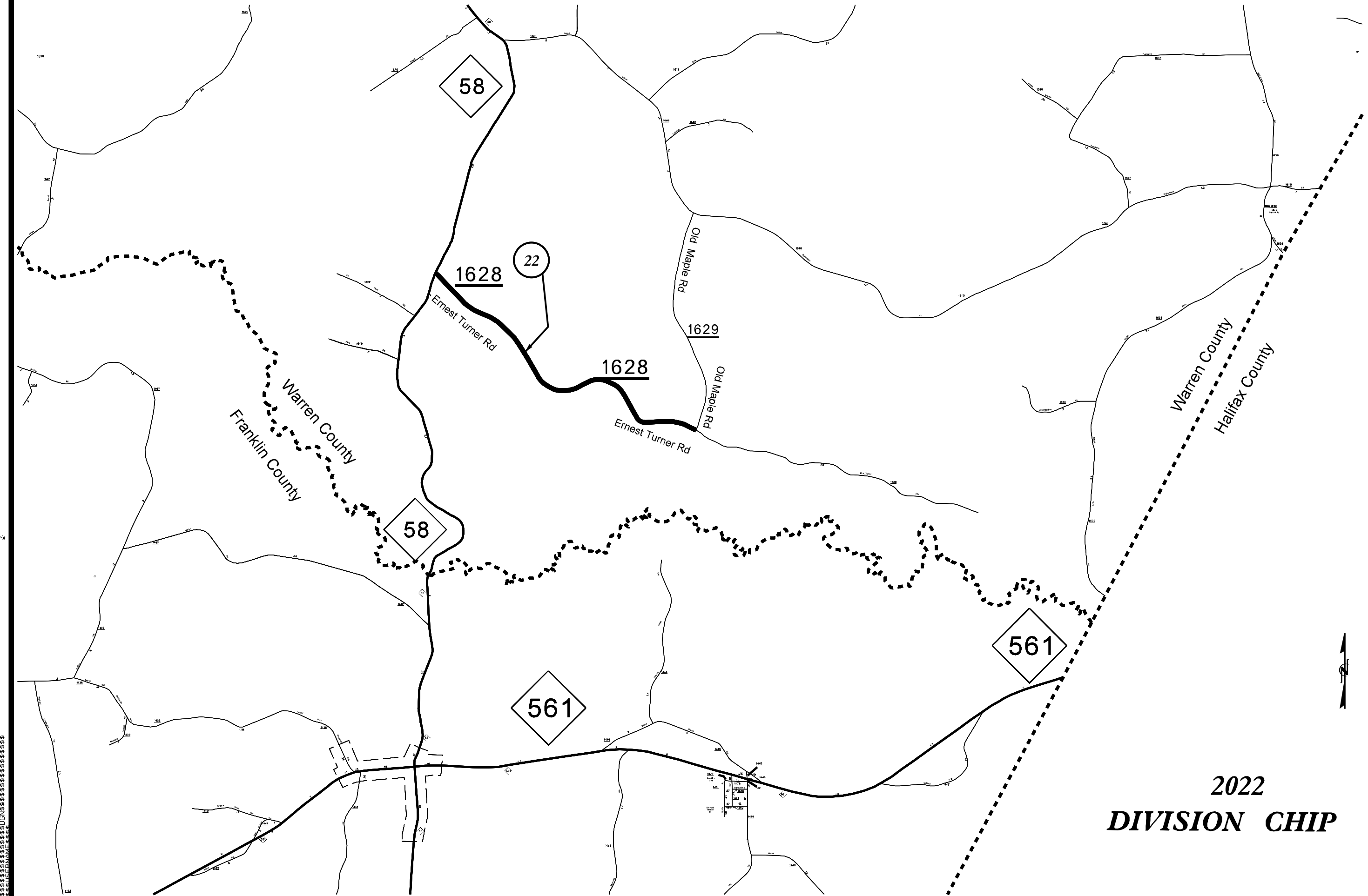
Davis Bugg Rd

Reedy Creek Rd

2022
DIVISION CHIP



SYSTEMS DESIGN & CONSTRUCTION



2022
DIVISION CHIP

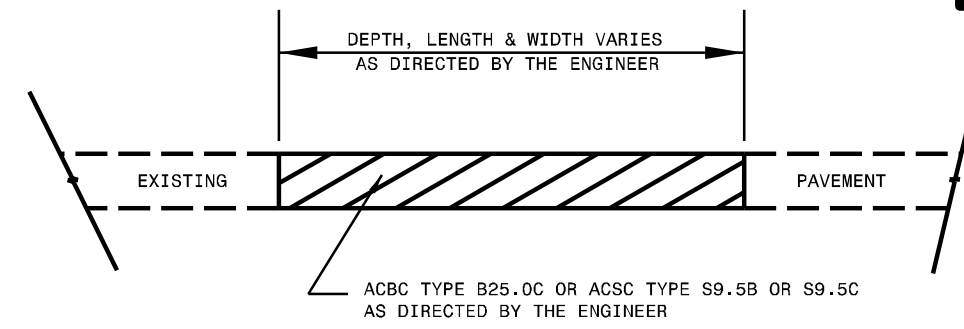
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PAVEMENT SCHEDULE

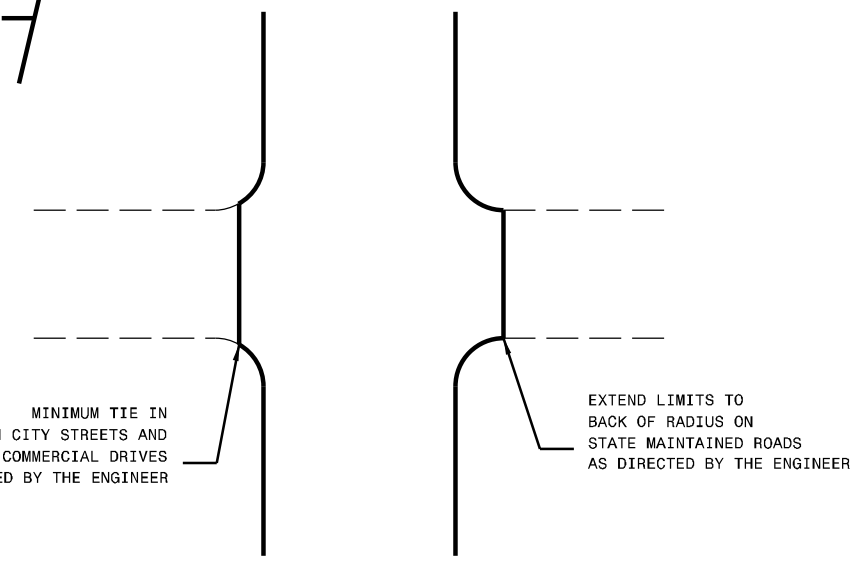
PROJECT REFERENCE NO.
2022CPT.05.04.20352.1 etc.

SHEET NO.
6

F1	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL
F2	PROP. FOG SEAL TO BE APPLIED WITHIN 5 DAYS OF DOUBLE SEAL ROADWAY SURFACE TO BE SWEEPED PRIOR TO FOG SEAL APPLICATION
U	EXISTING PAVEMENT

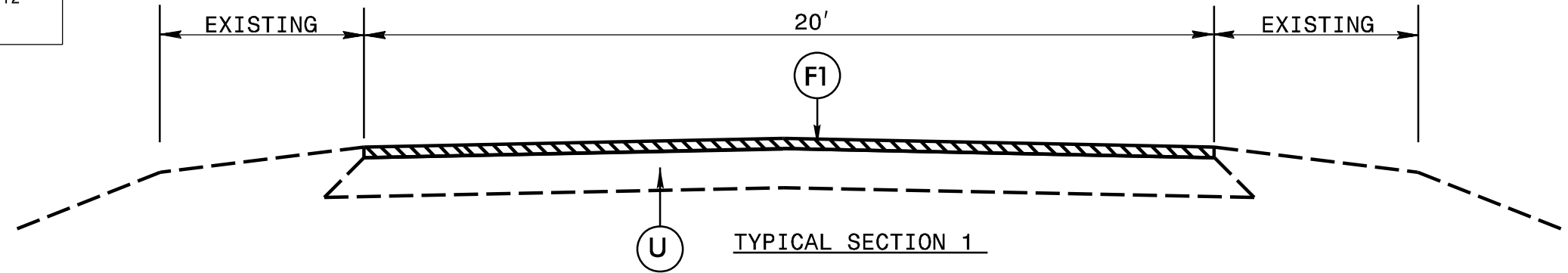


PATCHING EXISTING PAVEMENT
MILLING (IF REQUIRED BY TYPICAL) TO BE PERFORMED PRIOR TO PATCHING

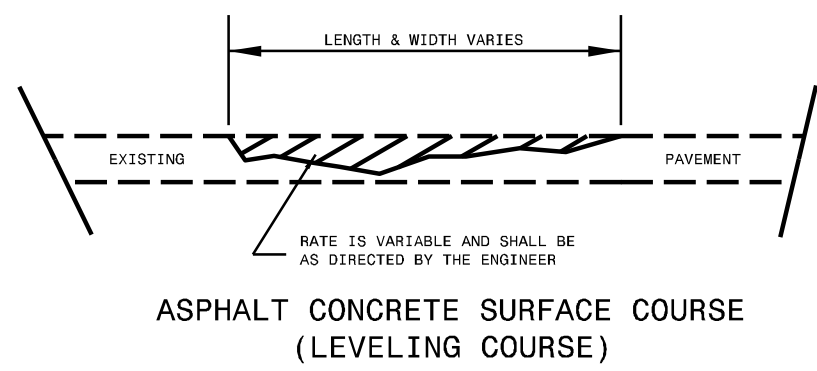


DETAIL OF PROJECT LIMITS AT Y LINES

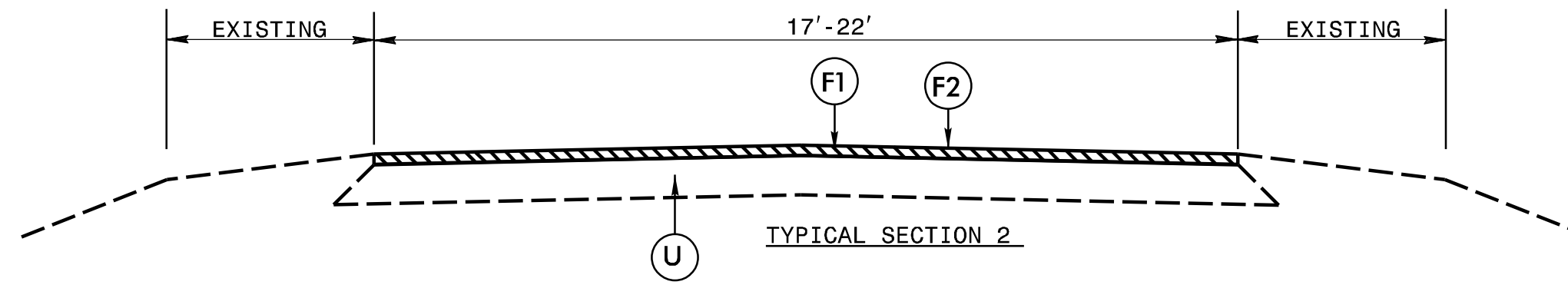
SEAL TYPES AND MATERIAL APPLICATION RATES					
MAP #	TYPE OF SEAL	LAYER	AGGREGATE TYPE	AGGREGATE TARGET RATES (LBS/SY)	EMULSION TARGET RATES (GAL/SY)
ALL MAPS	DOUBLE	BOTTOM	78M	18	0.30
		TOP	9M	9	0.25
			EMULSION TYPE		
map #5-15	FOG SEAL	WITHIN 5 DAYS OF DOUBLE SEAL	CSS-1H		0.12



TYPICAL SECTION 1



ASPHALT CONCRETE SURFACE COURSE (LEVELING COURSE)



TYPICAL SECTION 2

PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.05.04.20352.1, etc	7	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1520000000-E	1575000000-E	1704000000-E	1803500000-E	1820000000-E	1838000000-E
											LEVELING COURSE, TYPE S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, FOG SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT
											MI	FT	TON	TON	TONS	SY
2022CPT.05.04.20352.1	Franklin	1	SR 1400-HENRY AYSCUE RD	NC 39 TO SR 1401 - TOLLIE WELDON RD	2	2	NO	NO	0.97	18			6	10,243	10,243	5,634
		2	SR 1403-OPIE FRAZIER RD	SR 1401 -TOLLIE WELDON RD TO SR 1401 - TOLLIE WELDON RD	1	2	NO	NO	1.91	20			7	22,411		12,326
		3	SR 1404-LAKE VIEW	NC 39 TO SR 1401 - TOLLIE WELDON RD	1	2	NO	NO	1.49	20	17	1	22	17,483		9,615
		4	SR 1410-ED FAULKNER RD	SR 1407 -ALERT RD TO SR 1407 - SCHLOSS RD	1	2	NO	NO	3.36	20	17	1	85	39,424		21,683
		5	SR 1413-SUTTON RD	US 401 TO SR 1412 - PETE SMITH RD	1	2	NO	NO	2.92	20	3		27	34,261		18,844
		6	SR 1443-GOWANS-BRODIE RD	SR 1407 - SCHLOSS RD TO CUL-DE-SAC	1	2	NO	NO	0.46	20			53	5,397		2,969
		7	SR 1444-HOGWOOD RD	1407 - SCHLOSS RD TO END MAINT	1	2	NO	NO	0.31	20			10	3,637		2,001
		8	SR 1493-WILLIAM PERRY RD	SR 1407 - SCHLOSS RD TO END MAINT	2	2	NO	NO	0.2	22			10	2,581	2,581	1,420
TOTAL FOR PROJ NO. 2022CPT.05.04.20352.1								11.62			37	2	220	135,437	12,824	74,492
2022CPT.05.04.20912.1	Vance	9	SR 1313 - FARM ST	SR 1314 - SPRING VALLEY TO END PAVEMENT	2	2	YES	NO	0.125	20			5	1,467	1,467	807
		10	SR 1314 - THOMAS LN	SR 1313 - FARM ST TO SR 1315 - SPRING VALLEY DR	2	2	NO	NO	0.349	20	7		17	4,095	4,095	2,252
		11	SR 1316 - NORWOOD ST	SR 1313 - FARM ST TO US 1 BUS	2	2	NO	NO	0.16	20			40	1,877	1,877	1,033
		12	SR 1321-GEORGE FLOYD RD	SR 1319 - SATTERWHITE PT TO CUL-DE-SAC	2	2	NO	NO	0.661	20	15	1	15	7,756	7,756	4,266
		13	SR 1375 - E SPAIN MIDDLEBURG RD	CUL-DE-SAC TO SR 1371 - FLEMINGTOWN RD	2	2	NO	NO	0.694	20			3	8,143	8,143	4,479
		14	SR 1388 - D. K. STAINBACK RD	SR 1371 - FLEMING TOWN RD TO END MAINTENANCE	2	2	NO	NO	0.321	20			300	3,766	3,766	2,072
		15	SR 1390-WARREN BULLOCK RD	SR 1376 - JOHAN H BULLOCK RD TO END PAVEMENT	2	2	NO	NO	0.851	20			15	9,985	9,985	5,492
		16	SR 1393 - MOODY RD	SR 1319 - SATTERWHITE POINT RD TO END PAVEMENT	2	2	NO	NO	0.45	20			400	5,280	5,280	2,904
		17	SR 1417 - DANIEL BOONE TRAIL	SR 1319 - SATTERWHITE POINT RD TO END MAINTENANCE	2	2	NO	NO	0.44	20			90	5,163	5,163	2,839
		18	SR 1600 - BONEY LANKFORD LOOP RD	SR 1503 - BONEY LANKFORD RD TO SR 1503 - BONEY LANKFORD RD		2	NO	NO	0.14	20			5	1,643	1,643	903
TOTAL FOR PROJ NO. 2022CPT.05.04.20912.1								4.191			22	1	890	49,175	49,175	27,047
2022CPT.05.04.20932.1	Warren	19	SR 1133-SHEPARD RD	US 401 TO SR 1134 -VICKSBORO RD	2	2	YES	NO	3.6	18	18	1	35	38,016	38,016	20,909
		20	SR 1511-MOUNTAIN VIEW RD	1509 - EMBRO ODELL RD TO 1512 - DAVIS BUGG RD/REEDY CREEK RD	2	2	NO	NO	2.859	20	21	1	5	33,546	33,546	18,450
		21	SR 1530-JESSIE SHEARIN RD	SR 1509 - ODELL LITTLETON RD TO US158	2	2	NO	NO	4.218	17	65	4	55	42,068	42,068	23,137
		22	SR 1628-ERNEST TURNER RD	NC 58 TO SR 1629 - OLD MAPLE RD	2	2	NO	NO	2.742	20	10	1	15	32,173	32,173	17,695
TOTAL FOR PROJ NO. 2022CPT.05.04.20932.1								13.419			114	7	110	145,803	145,803	80,191
GRAND TOTAL								29.23			173	10	1,220	330,415	207,802	181,730




PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.05.04.20352.1, etc.	8	

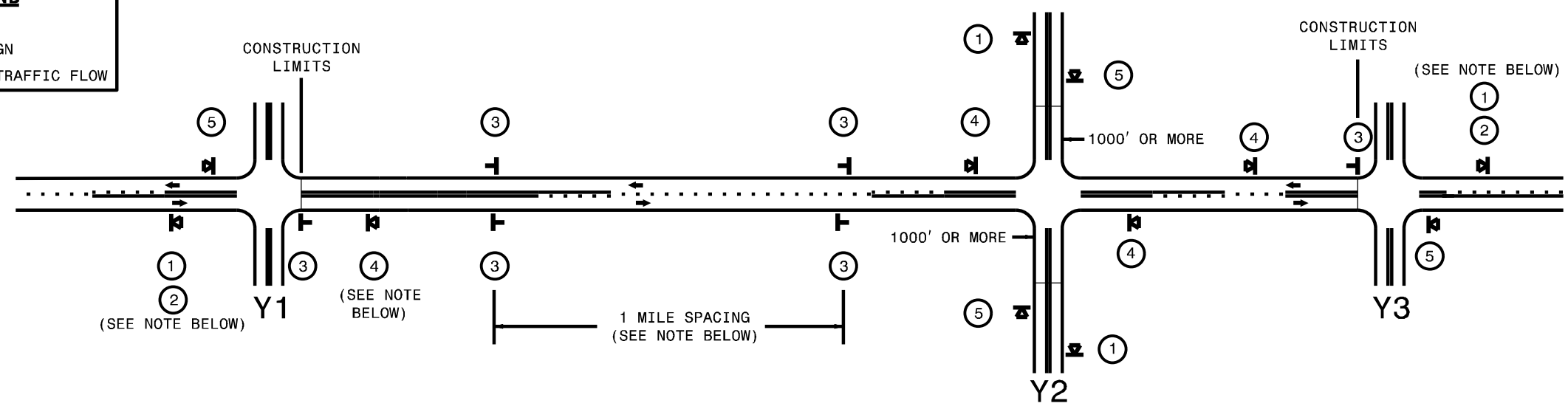
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	441300000-E	445700000-N	489000000-E
									WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	GENERIC MARKING, HOT SPRAY THERMOPLAS TIC PAVEMENT MARKING LINES, 4", 50 MIL
									SF	LS	LF
2022CPT.05.04.20352.1	Franklin	1	SR 1400 - HENRY AYSCUE RD	NC 39 TO SR 1401 - TOLLIE WELDON RD	2	2	0.97	18	109	0.03	20,000
		2	SR 1403 - OPIE FRAZIER RD	SR 1401 -TOLLIE WELDON RD TO SR 1401 - TOLLIE WELDON RD	1	2	1.91	20	214	0.05	40,100
		3	SR 1404 - LAKE VIEW	NC 39 TO SR 1401 - TOLLIE WELDON RD	1	2	1.49	20	167	0.04	31,000
		4	SR 1410 - ED FAULKNER RD	SR 1407 -ALERT RD TO SR 1407 - SCHLOSS RD	1	2	3.36	20	376	0.11	69,800
		5	SR 1413 -SUTTON RD	US 401 TO SR 1412 - PETE SMITH RD	1	2	2.92	20	327	0.09	58,000
		6	SR 1443 - GOWANS-BRODIE RD	SR 1407 - SCHLOSS RD TO CUL-DE-SAC	1	2	0.46	20	52	0.01	
		7	SR 1444 - HOGWOOD RD	1407 - SCHLOSS RD TO END MAINT	1	2	0.31	20	35	0.01	
		8	SR 1493 - WILLIAM PERRY RD	SR 1407 - SCHLOSS RD TO END MAINT	2	2	0.2	22	22	0.01	
TOTAL FOR PROJ NO. 2022CPT.05.04.20352.1							11.62		1,302	0.35	218,900
2022CPT.05.04.20912.1	Vance	9	SR 1313 - FARM ST	SR 1314 - SPRING VALLEY TO END PAVEMENT	2	2	0.125	20	22	0.01	
		10	SR 1314 - THOMAS LN	SR 1313 - FARM ST TO SR 1315 - SPRING VALLEY DR	2	2	0.349	20	126	0.01	
		11	SR 1316 - NORWOOD ST	SR 1313 - FARM ST TO US 1 BUS	2	2	0.16	20	18	0.01	
		12	SR 1321-GEORGE FLOYD RD	SR 1319 - SATTERWHITE PT TO CUL-DE-SAC	2	2	0.661	20	74	0.02	
		13	SR 1375 - E SPAIN MIDDLEBURG RD	CUL-DE-SAC TO SR 1371 - FLEMINGTOWN RD	2	2	0.694	20	78	0.02	14,000
		14	SR 1388 - D. K. STAINBACK RD	SR 1371 - FLEMING TOWN RD TO END MAINTENANCE	2	2	0.321	20	36	0.04	
		15	SR 1390-WARREN BULLOCK RD	SR 1376 - JOHAN H BULLOCK RD TO END PAVEMENT	2	2	0.851	20	95	0.02	
		16	SR 1393 - MOODY RD	SR 1319 - SATTERWHITE POINT RD TO END PAVEMENT	2	2	0.45	20	54	0.06	
		17	SR 1417 - DANIEL BOONE TRAIL	SR 1319 - SATTERWHITE POINT RD TO END PAVEMENT	2	2	0.44	20	41	0.02	
		18	SR 1600 - BONEY LANKFORD LOOP RD	SR 1503 - BONEY LANKFORD RD TO SR 1503 - BONEY LANKFORD RD	2	2	0.14	20	16	0.01	
TOTAL FOR PROJ NO. 2022CPT.05.04.20912.1							4.191		560	0.22	14,000
2022CPT.05.04.20932.1	Warren	19	SR 1133-SHEPARD RD	US 401 TO SR 1134 -VICKSBORO RD	2	2	3.6	18	403	0.12	75,200
		20	SR 1511-MOUNTAIN VIEW RD	1509 - EMBRO ODELL RD TO 1512 - DAVIS BUGG RD/REEDY CREEK RD	2	2	2.859	20	320	0.09	59,400
		21	SR 1530-JESSIE SHEARIN RD	SR 1509 - ODELL LITTLETON RD TO US158	2	2	4.218	17	472	0.13	88,200
		22	SR 1628-ERNEST TURNER RD	NC 58 TO SR 1629 - OLD MAPLE RD	2	2	2.742	20	307	0.09	57,700
TOTAL FOR PROJ NO. 2022CPT.05.04.20932.1							13.419		1,502	0.43	280,500
GRAND TOTAL							29.23		3,364	1.00	513,400

SIGNING FOR ASPHALT SURFACE TREATMENT








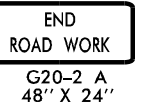
LEGEND

-  PORTABLE SIGN
-  STATIONARY SIGN
-  DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<p>- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>- 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.</p>	<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>
	 	<p>- ALTERNATE THE FOLLOWING TWO SIGNS:</p> <p>- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</p> <p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>	
		<p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</p> <p>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</p> <p>- 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.</p> <p>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p>	
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>	
	<p>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.</p>		

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

\$\$\$SYTIME\$\$\$\$\$
 \$\$\$DCON\$\$\$\$\$
 \$\$\$USERNAME\$\$\$\$\$