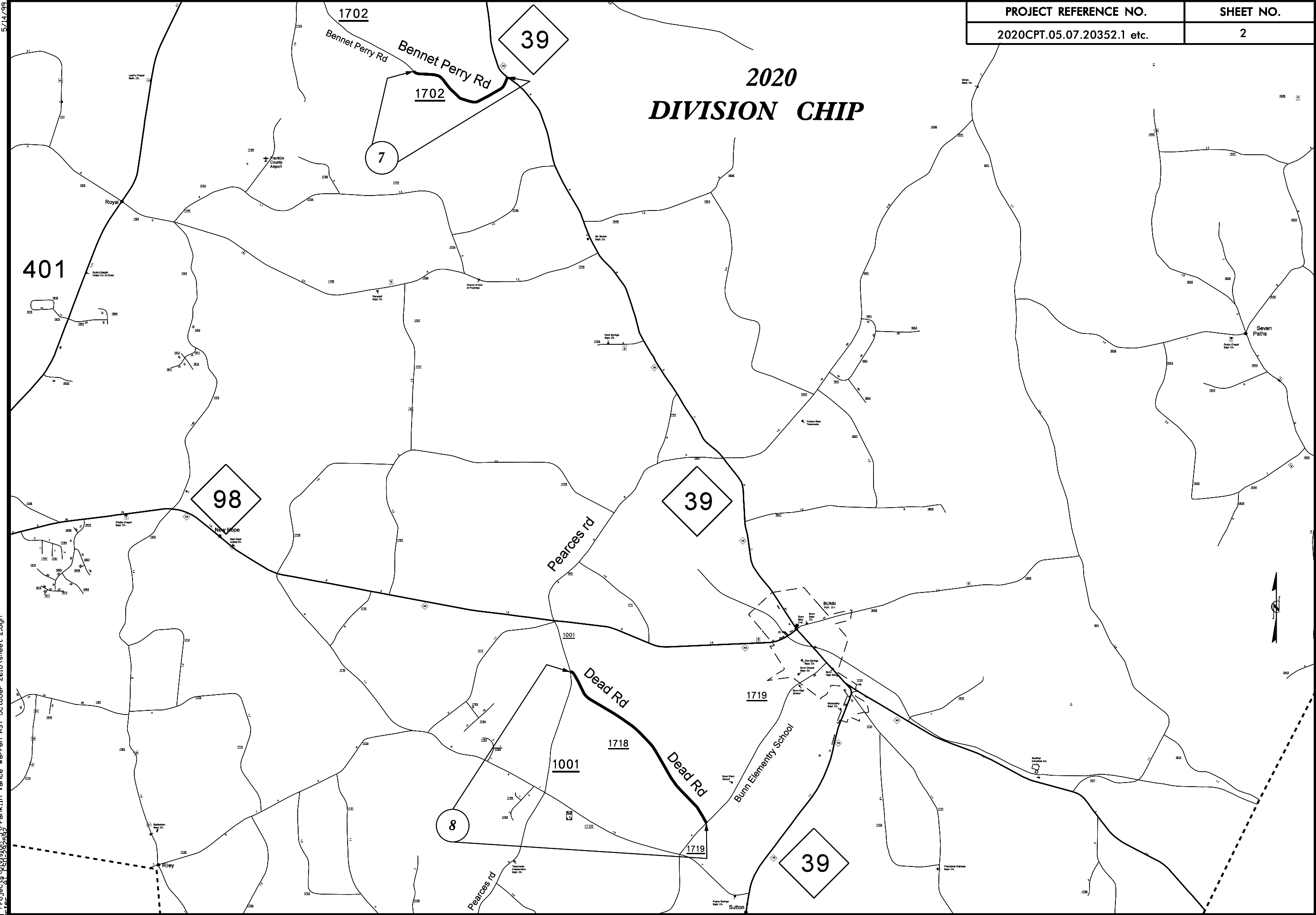


**2020
DIVISION CHIP**

2020 DIVISION CHIP



5/14/99

2-AUG-2018 15:38
9-Projects\Division 5\Franklin Vance Warren AST October 2018\sheet 2.dgn

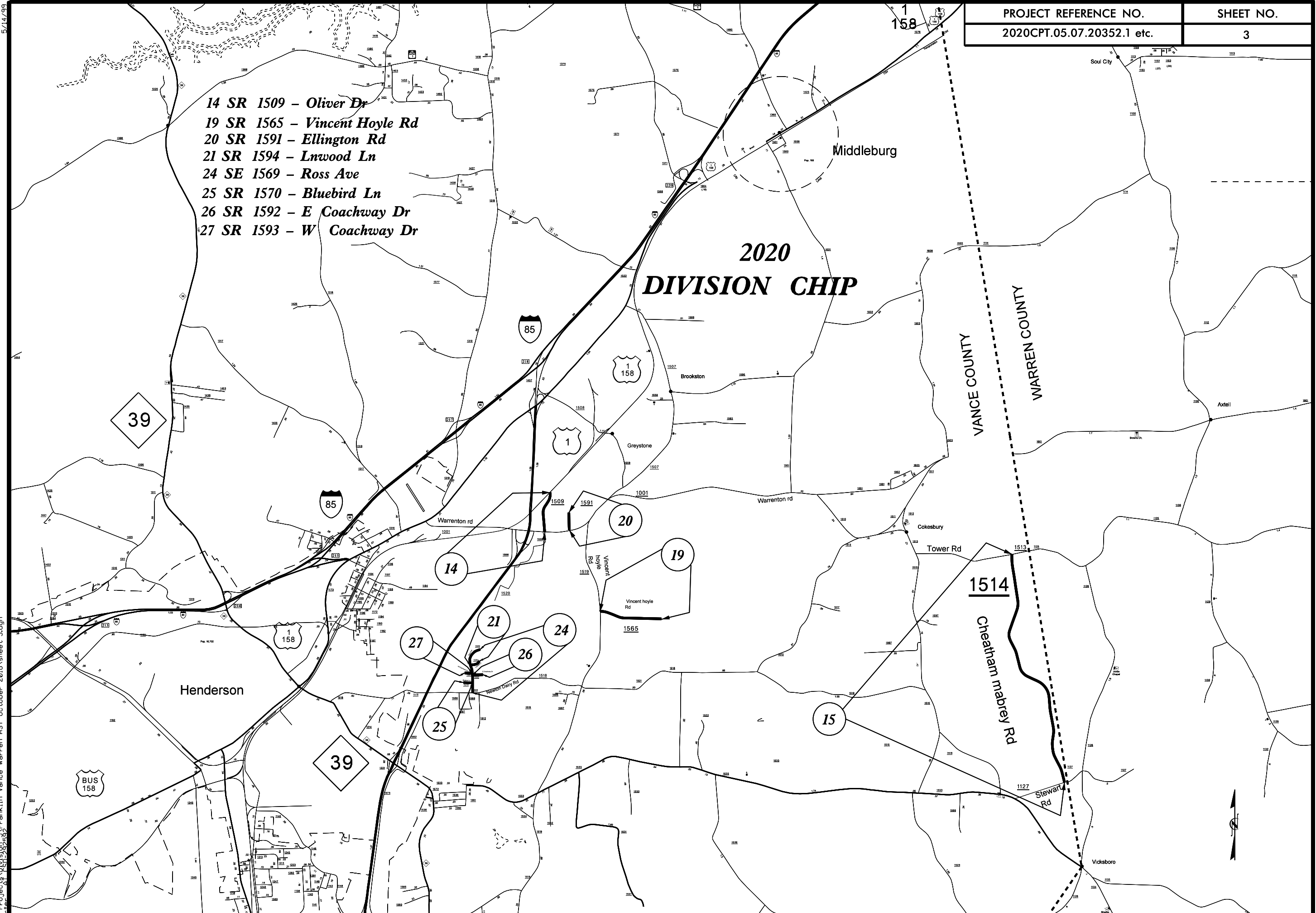
5/14/99

PROJECT REFERENCE NO.
2020CPT.05.07.20352.1 etc.

SHEET NO.
3

- 14 SR 1509 - Oliver Dr
- 19 SR 1565 - Vincent Hoyle Rd
- 20 SR 1591 - Ellington Rd
- 21 SR 1594 - Lnwood Ln
- 24 SE 1569 - Ross Ave
- 25 SR 1570 - Bluebird Ln
- 26 SR 1592 - E Coachway Dr
- 27 SR 1593 - W Coachway Dr

2020 DIVISION CHIP

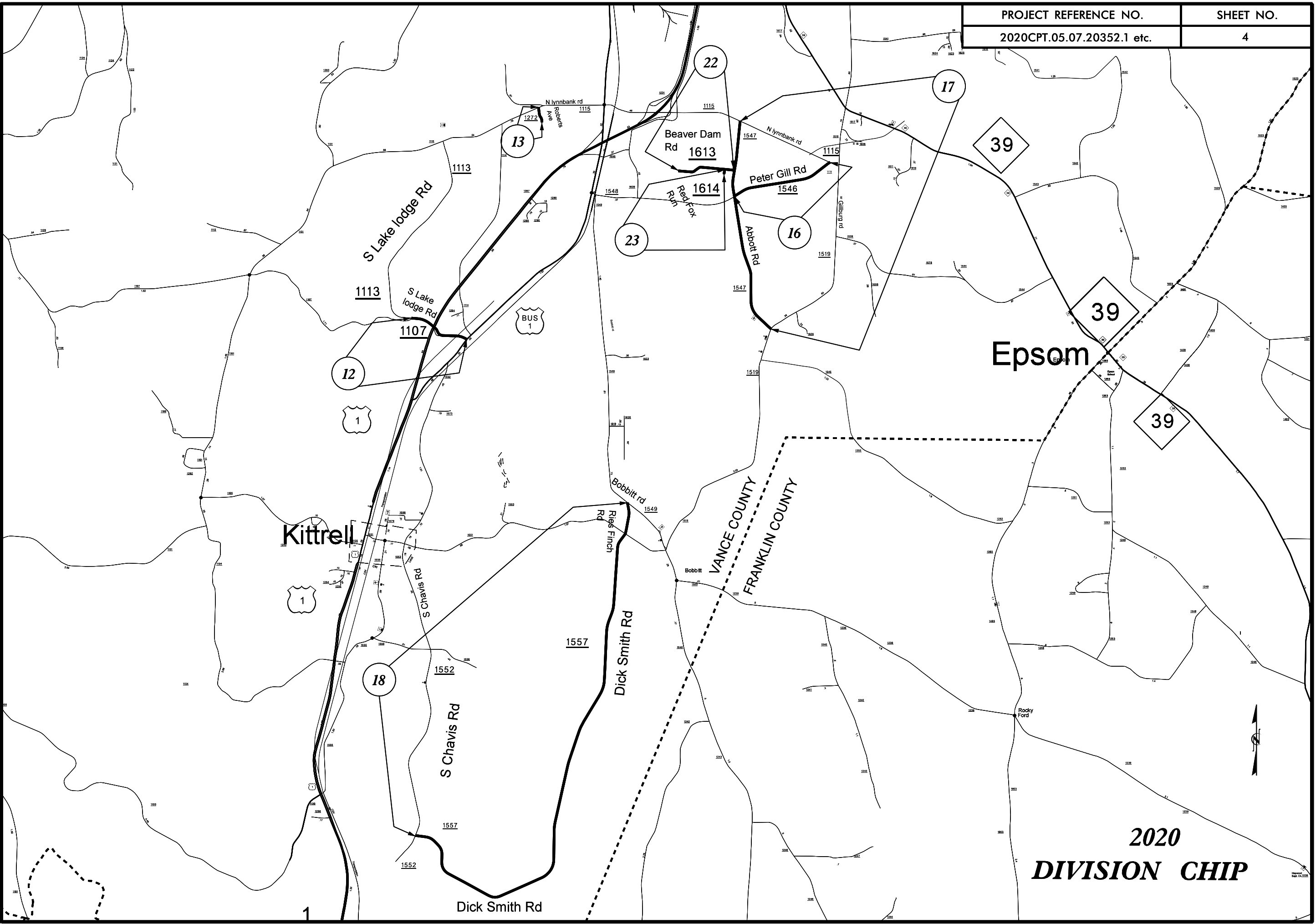


2-AUG-2018 15:19
Project: 2020CPT.05.07.20352.1
9:00 AM
Franklin Vance Warren AST October 2018 sheet 3.dgn



5/14/99

2-AUG-2018 15:24
Project: D:\Projects\2020\2020CPT\2020CPT.dwg
User: jls



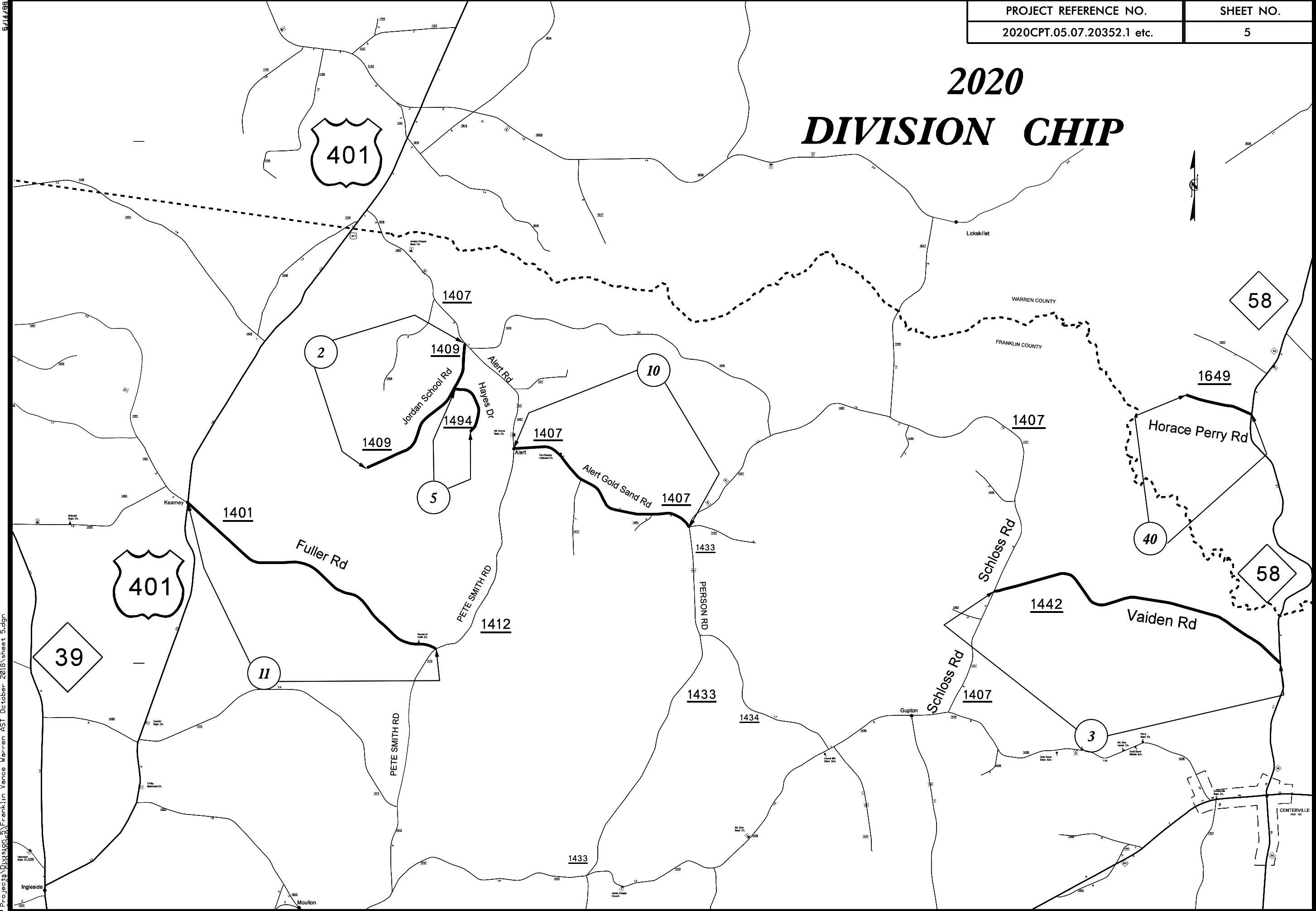
Epsom

Kittrell

VANCE COUNTY
FRANKLIN COUNTY

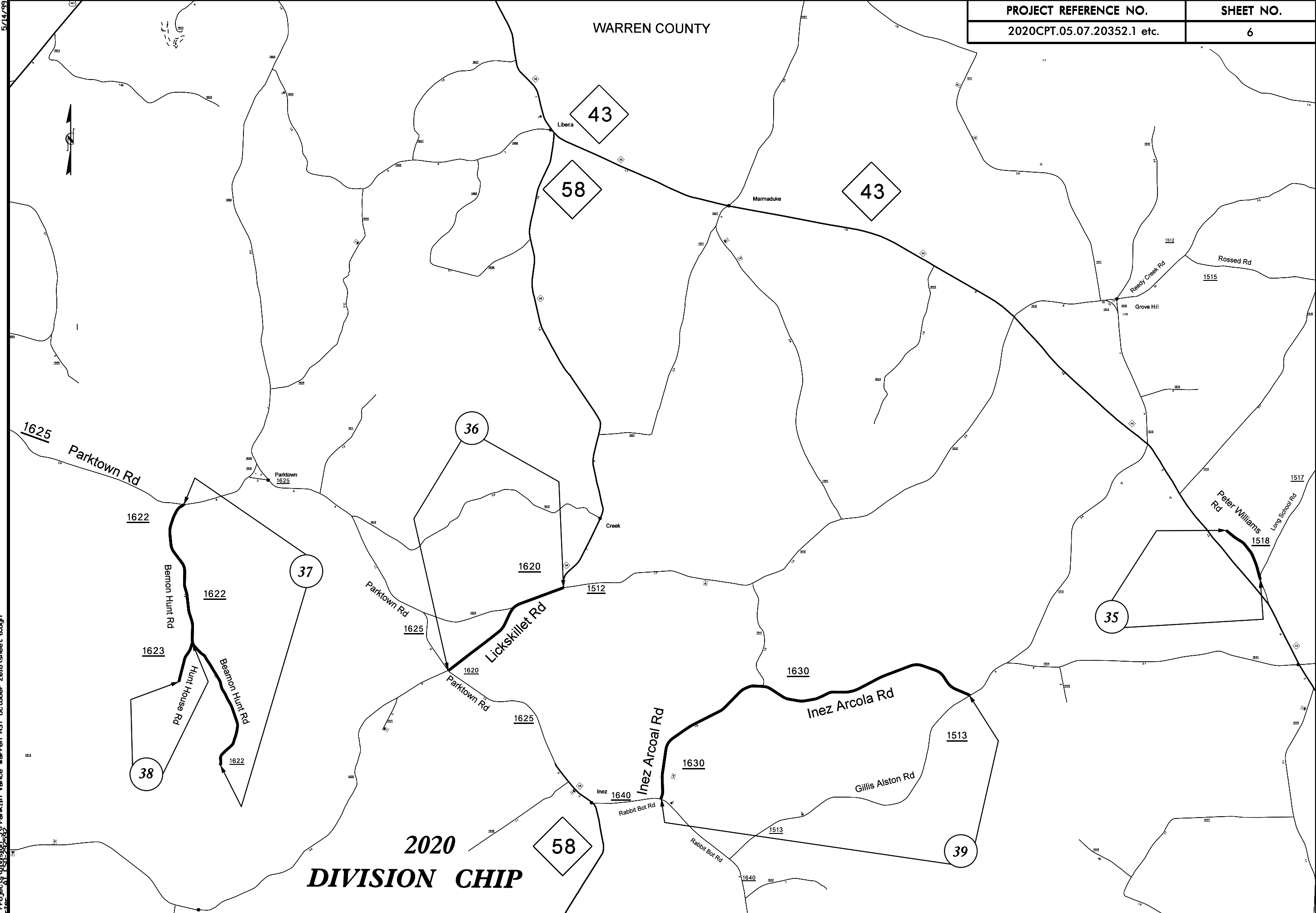
2020
DIVISION CHIP

2020 DIVISION CHIP



5/14/88
18-AUG-2018 14:04
Project: Division 5, Franklin Vance Warren AST October 2018, sheet 5.dgn

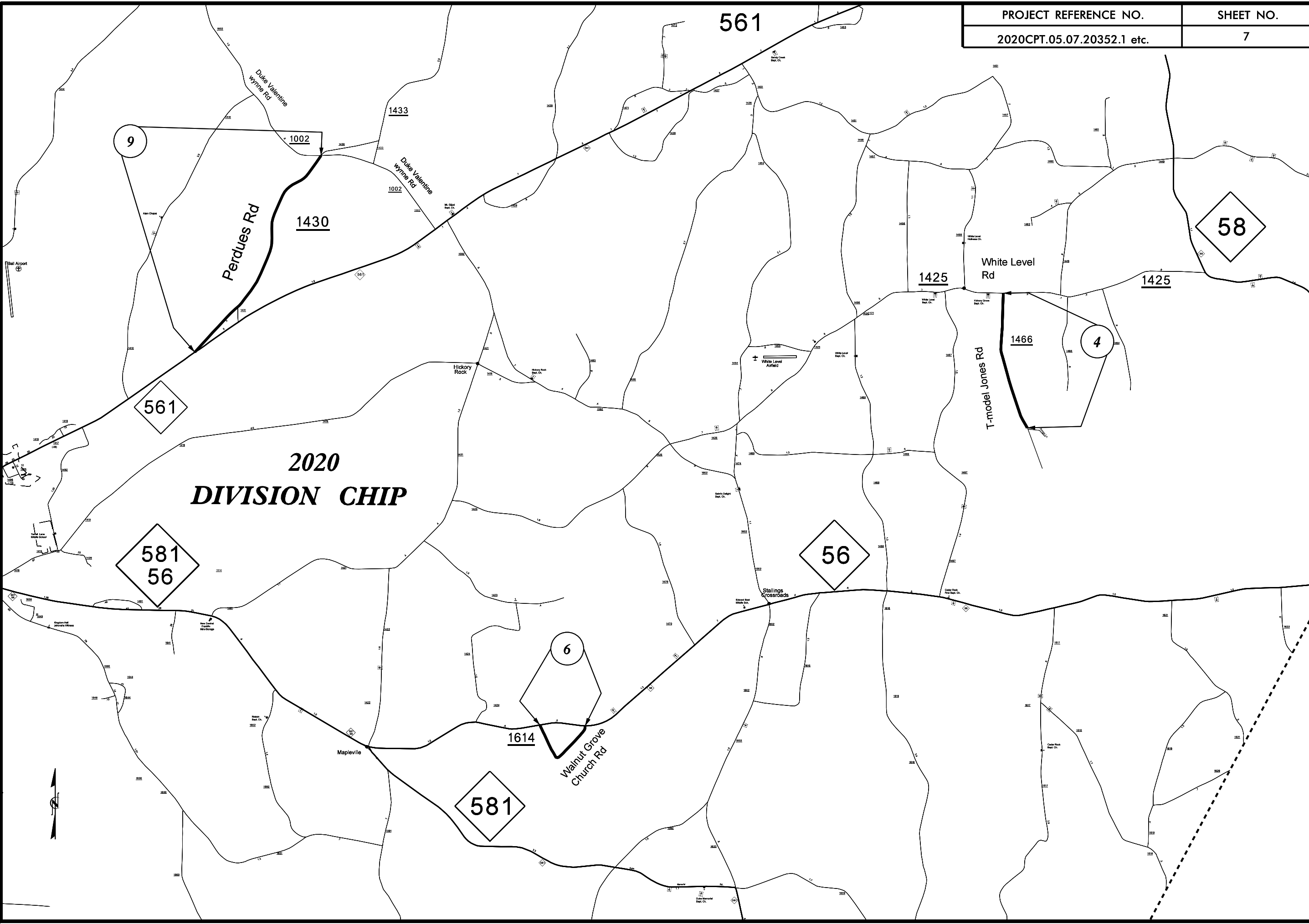
WARREN COUNTY



2020
DIVISION CHIP

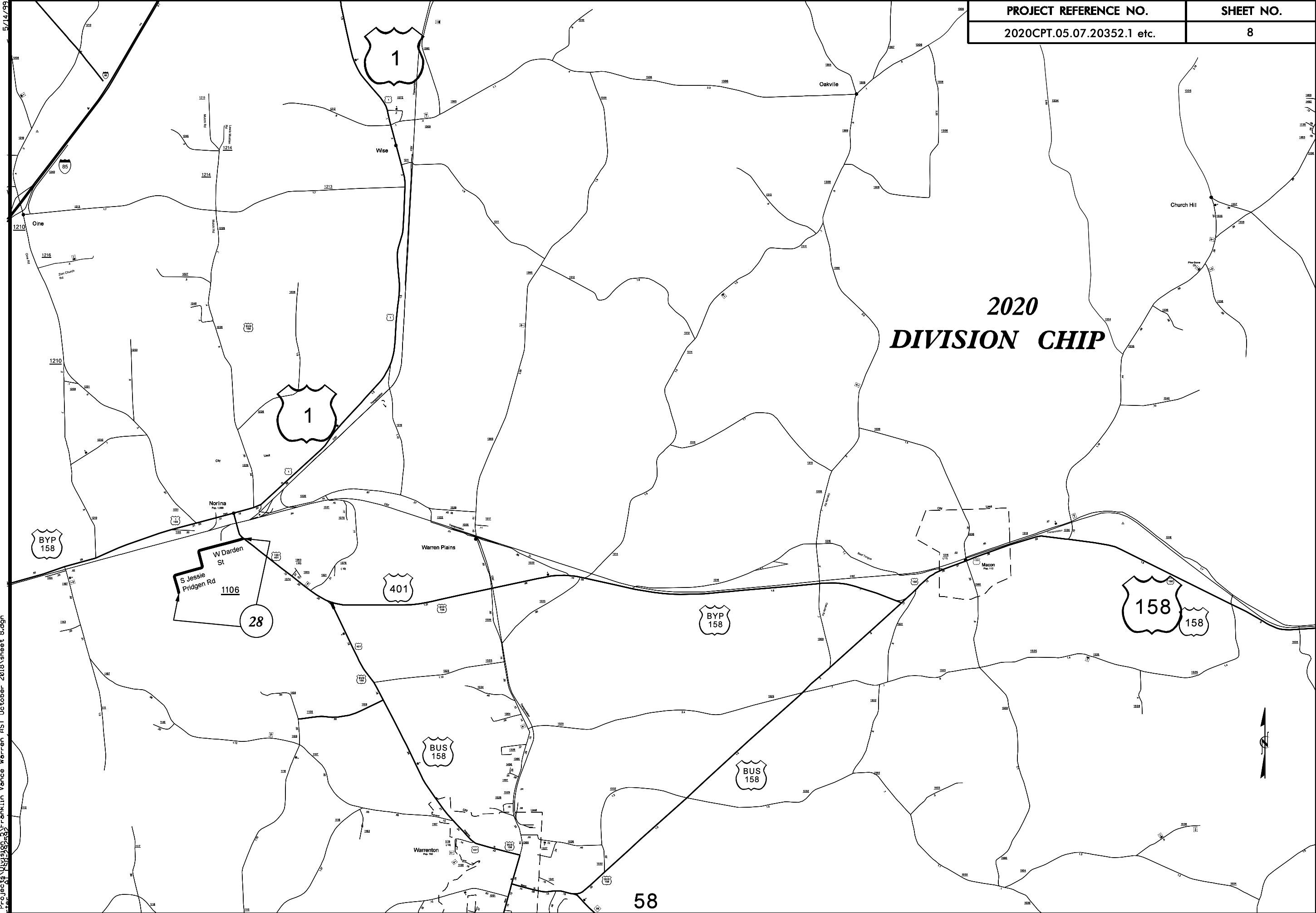
5/14/09
28-AUG-2018 14:30
9 Projects Division
Franklin Vance Warren AST October 2018 sheet 6.dgn

**2020
DIVISION CHIP**



5/14/99
2-AUG-2018 15:47
Project: 2020 Division Chip
9: 2020CPT.05.07.20352.1.dgn
Franklin Vance Warren AST October 2018 sheet 7.dgn

2020 DIVISION CHIP



5/14/99
2-AUG-2018 15:34
Project: 2020 Division Chip
C:\Users\franklin.vance\Warren AST October 2018\sheet 8.dgn

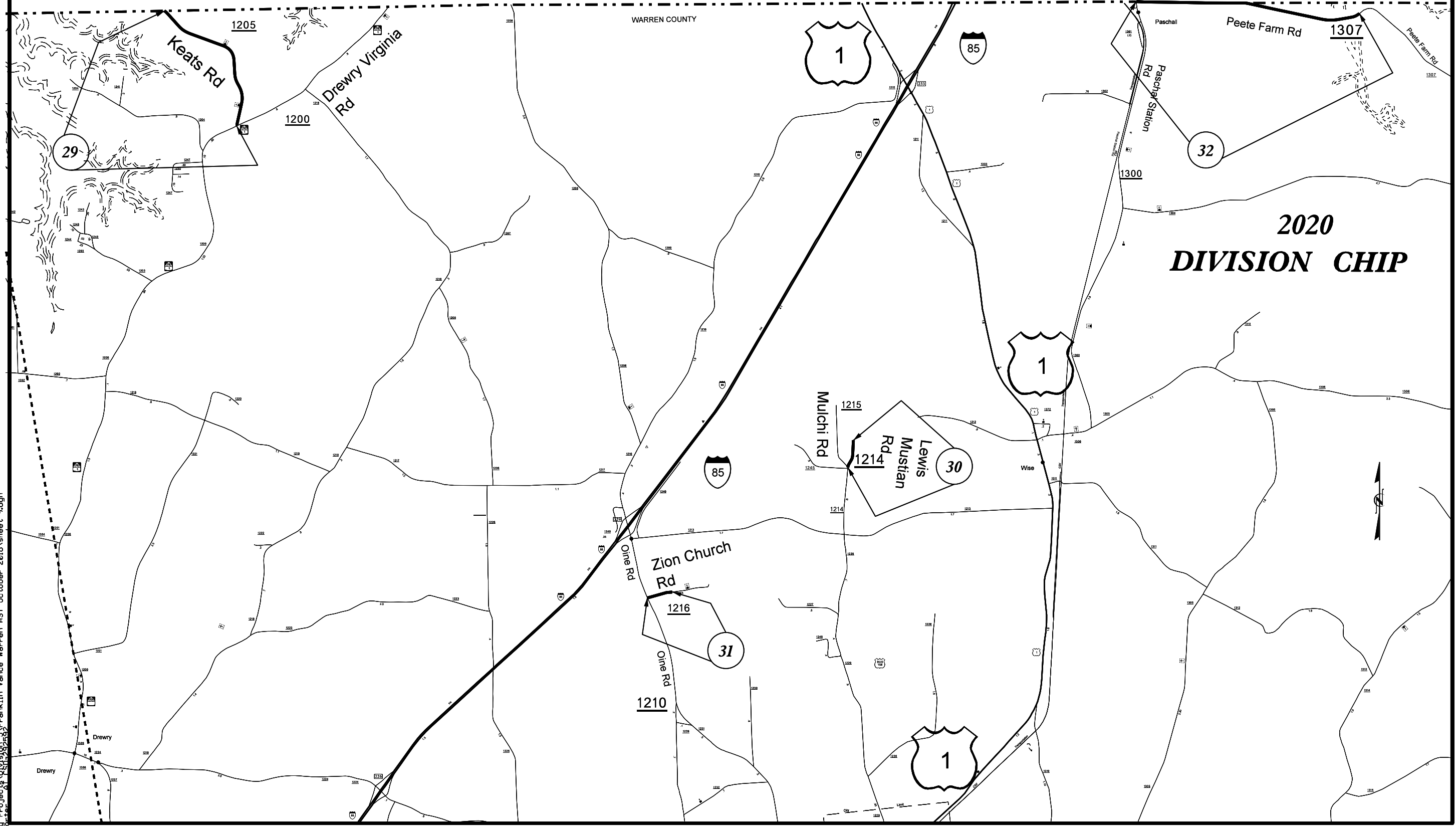
5/14/99

VIRGINIA

WARREN COUNTY

2020 DIVISION CHIP

2-AUG-2018 15:42
Project: 2020 Division Chip
C:\Users\franklin\Documents\Projects\2020 Division Chip\2020 Division Chip.dgn
Franklin Vance Warren AST October 2018 sheet 9.dgn



VIRGINIA

WARREN

WARREN CO

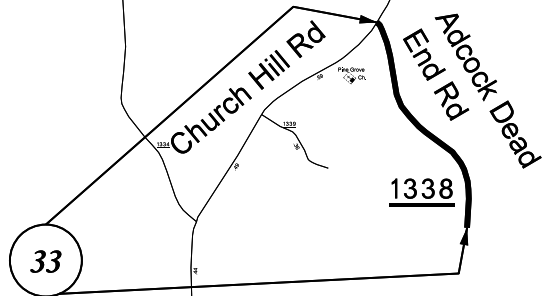
WARREN COUNTY

903

903

903

2020
DIVISION CHIP



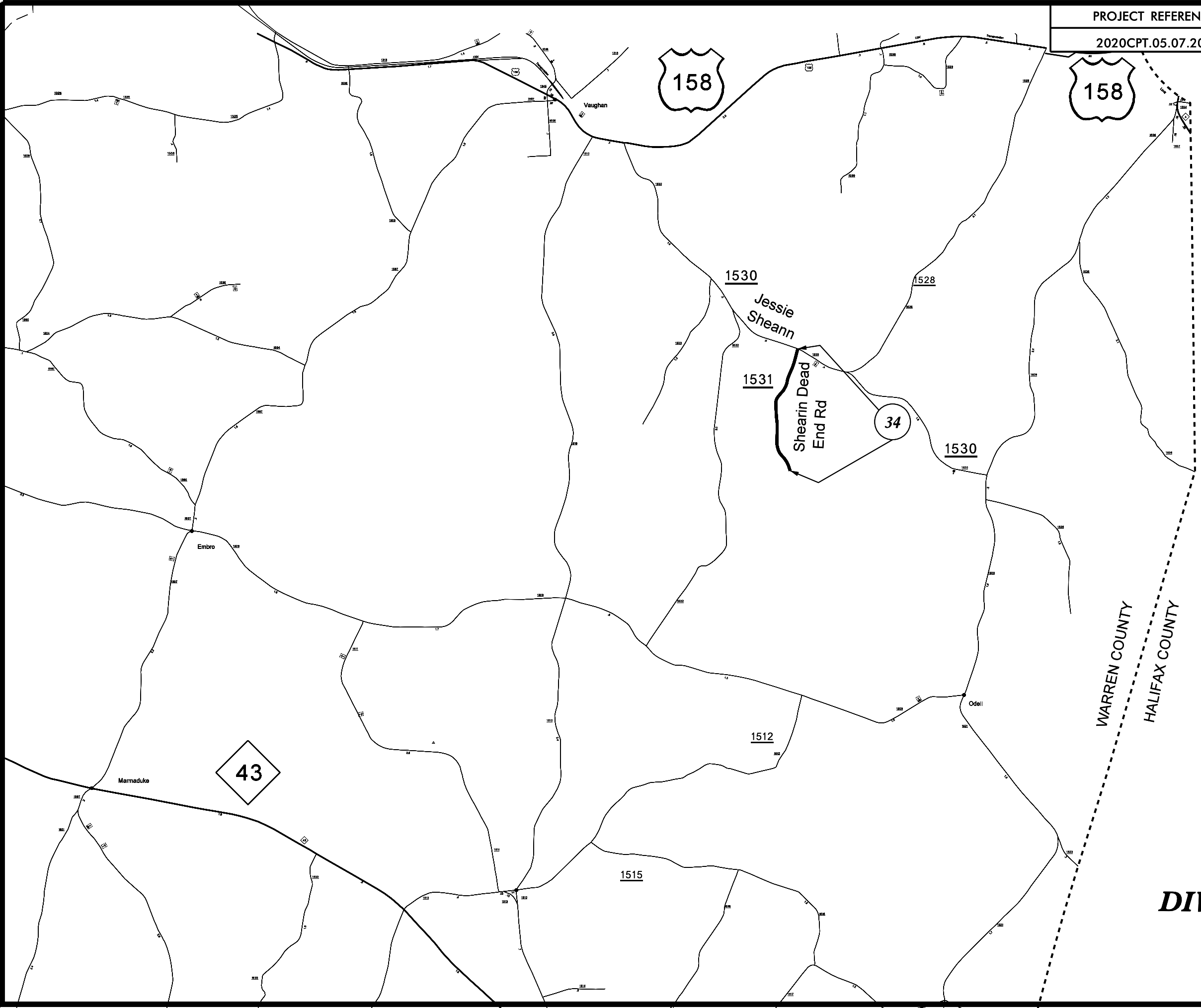
1335



21-AUG-2018 15:44
 Project: Division 5, Franklin Vance Warren AST, October 2018, sheet 10.dgn

5/14/99

28-AUG-2018 14:08
3 Projects DIVISION CHIP
C:\Users\franklin.vance\Warren AST October 2018\sheet 11.dgn



**2020
DIVISION CHIP**

PAVEMENT SCHEDULE

PROJECT REFERENCE NO.

2020CPT.05.07.20352.I etc.

SHEET NO.

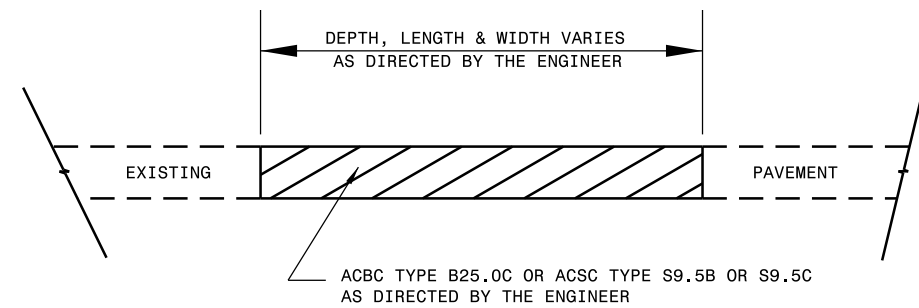
12

F

PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL

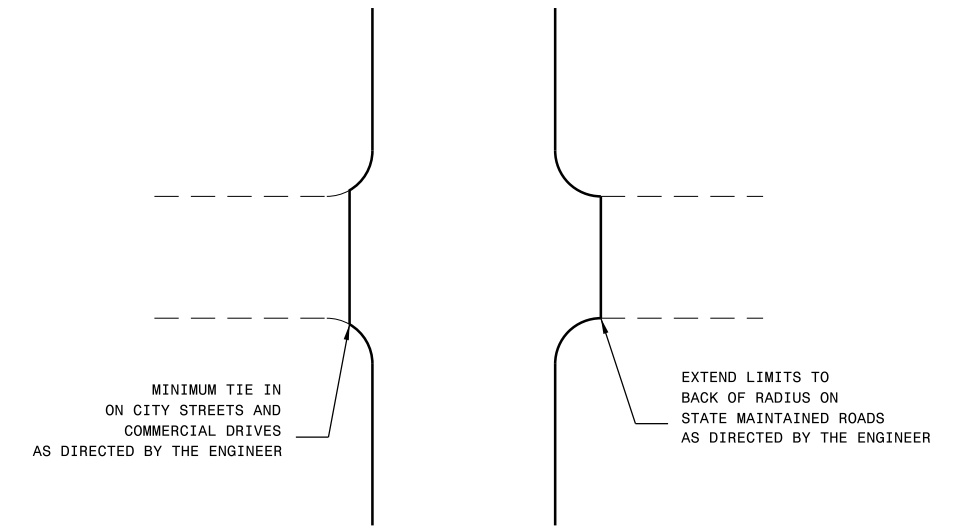
U

EXISTING PAVEMENT

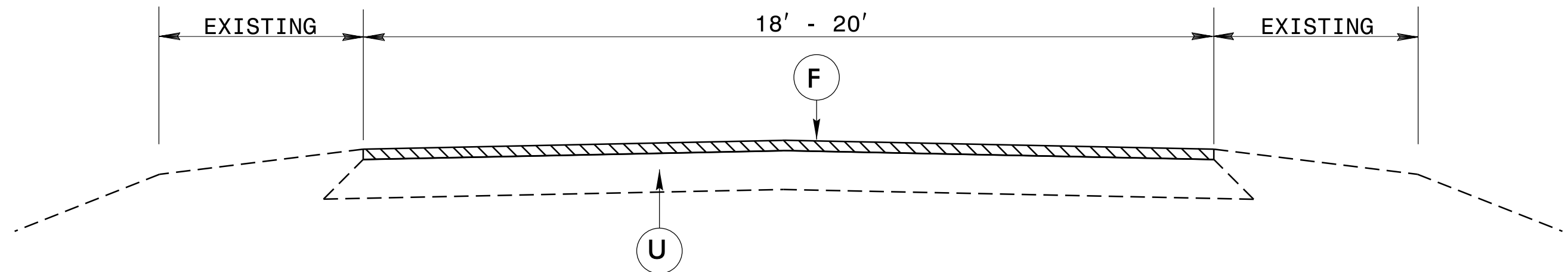


PATCHING EXISTING PAVEMENT

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



DETAIL OF PROJECT LIMITS AT Y LINES



TYPICAL SECTION 1

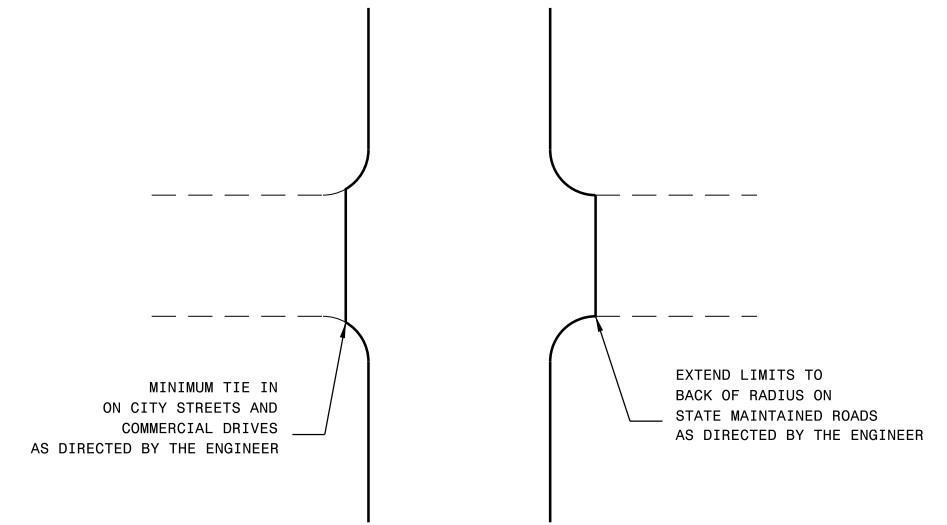
*Maps 1-11 Only.

PAVEMENT SCHEDULE

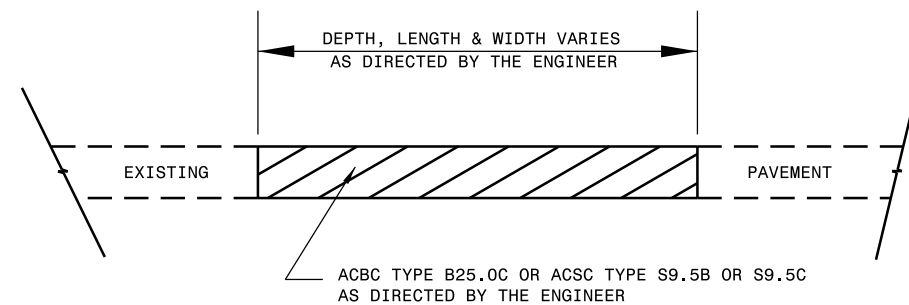
PROJECT REFERENCE NO.
2020CPT.05.07.20352.I etc.

SHEET NO.
13

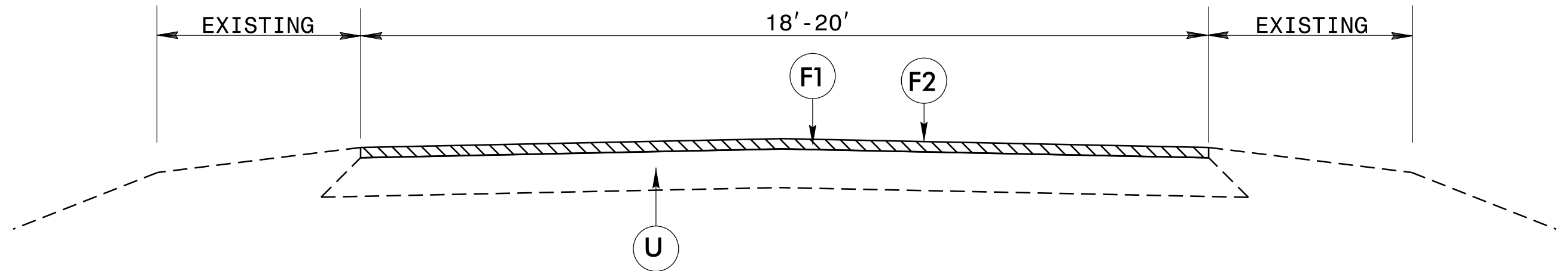
F1	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL
F2	PROP. FOG SEAL TO BE APPLIED WITHIN 5 DAYS OF DOUBLE SEAL. ROADWAY SURFACE TO BE SWEEPED PRIOR TO FOG SEAL APPLICATION.
U	EXISTING PAVEMENT



DETAIL OF PROJECT LIMITS AT Y LINES



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



TYPICAL SECTION 2

PROJECT NO.	SHEET NO.	TOTAL NO.
2020CPT.05.07.20352.1, etc.	14	

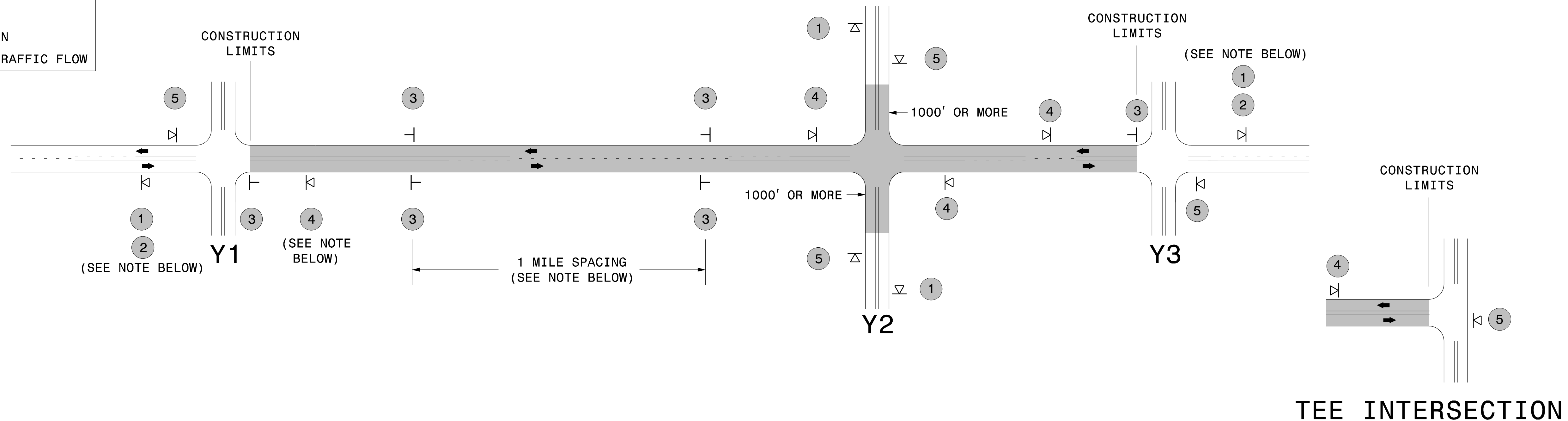
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH		PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, FOG SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	441300000-E WORK ZONE ADVANCE/GENERAL WARNING SIGNING	445700000-N TEMPORARY TRAFFIC CONTROL	489000000-E HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, 4", 40 MIL
									MI	FT		TONS	SY	SY	GAL	SF	LS
2020CPT.05.07.20352.1	Franklin	1	SR 1200 - WES SANDLING RD	NC 56 TO GRANVILLE CO	1	2	NO	NO	1.92	20	55	22,528		12,390	215	*	40,552
		2	SR 1409 - JORDAN SCHOOL RD	SR 1407- ALERT RD TO CUL- DE SAC	1	2	NO	NO	1.49	20	40	17,483		9,616	126		31,468
		3	SR 1442 - VAIDEN RD	SR 1407- SCHLOSS RD TO NC 58	1	2	NO	NO	2.81	20	30	32,971		18,134	315		51,929
		4	SR 1466 - T-MODEL JONES RD	AMIGA LN TO SR 1425 - WHITE LEVEL RD	1	2	NO	NO	1.21	20	45	14,197		7,808	136		25,556
		5	SR 1494 - HAYES DR	SR 1490- JORDAN SCHOOL RD TO END OF MAINT	1	2	NO	NO	0.53	20	6	6,219		3,420	59		11,192
		6	SR 1614 - WALNUT GROVE CHURCH RD	NC 56 TO NC 56	1	2	NO	NO	0.7	20	20	8,213		4,517	78		12,936
		7	SR 1702 - BENNETTE PERRY RD	NC 39 TO END OF PAVEMENT	1	2	NO	NO	1	20	50	11,733		6,453	112		21,120
		8	SR 1718 - DEAD RD.	SR 1719-BUNN ELEMENTRY SCHOOL RD TO SR 1001- PEARCES RD	1	2	NO	NO	1.81	18	330	19,114		10,513	203		38,228
		9	SR 1430 - PERDUES RD	NC 561 TO SR 1002- DUKE VALENTINNE WYNNE RD	1	2	NO	NO	2.09	20	376	24,523		13,488	234		44,140
		10	SR 1407 - ALERT GOLD SAND RD	SR 1433 - PERSON RD TO SR 1412 - PETE SMITH RD	1	2	NO	NO	1.82	18	10	19,219		10,570	204		38,440
		11	SR 1401 - FULLER RD	1412- PETE SMITH RD TO US 401 HWY N	1	2	NO	NO	2.62	20	60	30,741		16,908	146		55,336
TOTAL FOR PROJ NO. 2020CPT.05.07.20352.1									18.00		1,022	206,941		113,817	1,828	370,897	
2020CPT.05.07.20912.1	Vance	12	SR 1107 - S LAKE LODGE RD	US 1 BUS- TO SR 1113-S LAKE LODGE RD SKIPPING US 1 INTERSECTION	2	2	NO	NO	0.5	20	45	5,878	5,878	3,938	60	*	10,580
		13	SR 1272- ROBERTS AVE	SR 1115 - N LYNNBANK RD TO DEAD END	2	2	NO	NO	0.14	20	75	1,643	1,643	1,101	16		
		14	SR 1509 - OLIVER DR	SR 1001- WARRENTON RD TO END AINT	2	2	NO	NO	0.35	20	30	4,107	4,107	2,752	40		
		15	SR 1514 - CHEATHAM MABREY RD	SR 1513 -TOWER RD TO SR 1127- STEWART RD	2	2	NO	NO	2.17	20	70	25,461	25,461	17,059	243		45,832
		16	SR 1546 - PETER GILL RD	SR 15 47- ABBOTT RD TO SR 1115 BEARPOND RD	2	2	NO	NO	0.9	20	85	10,560	10,560	7,075	101		19,008
		17	SR 1547- ABBOTT RD	SR 1115 - BEARPOND RD TO SR 1519- GILLBURG RD	2	2	NO	NO	1.89	20	55	22,176	22,176	14,858	212		39,916
		18	SR 1557- DICK SMITH RD/RIES FINCH RD	SR 1549 - BOBBITT RD TO SR 1552 - S CHAVIS RD	2	2	NO	NO	4.81	20	200	56,437	56,437	37,814	539		101,588
		19	SR 1565 - VINCENT HOYLE RD	SR 1519 - CAREY CHAPEL RD TO END OF END OF MAINT	2	2	NO	NO	0.55	18	55	5,808	5,808	3,891	62		
		20	SR 1591 - ELLINGTON RD	SR 1001 - WARRENTON RD TO CUL- DE - SAC	2	2	NO	NO	0.15	18	50	1,584	1,584	1,061	17		
		21	SR 1594 - LNWOOD LN	SR 1569 - ROSS AVE TO DEAD END	2	2	NO	NO	0.09	18	45	950	950	637	10		
		22	SR 1613 - BEAVER DAM RD	SR 1547 - ABBOTT RD TO CUL - DE - SAC	2	2	NO	NO	0.5	18	45	5,280	5,280	3,538	56		
		23	SR 1614 RED FOX RUN	SR 1613 -BEAVER DAM RD TO CUL - DE - SAC	2	2	NO	NO	0.04	18	30	422	422	283	5		
		24	SR 1569 - ROSS AVE	SR 1518 TO DEAD END	2	2	NO	NO	0.43	20	65	5,045	5,045	3,380	48		
		25	SR 1570 - BLUEBIRD LN	SR 1569 TO DEAD END	2	2	NO	NO	0.08	18	20	845	845	566	9		
		26	SR 1592 - E COACHWAY DR	SR 1569 TO DEAD END	2	2	NO	NO	0.06	18	20	634	634	425	7		
27	SR1593 - W COACHWAY DR	SR 1569 TO DEAD END	2	2	NO	NO	0.03	18	18	317	317	212	4				
TOTAL FOR PROJ NO. 2020CPT.05.07.20912.1									12.69		908	147,147	147,147	98,590	1,429	216,924	
2020CPT.05.07.20932.1	Warren	28	SR 1106 - W DARDEN ST/ S JESSIE PRIDGEN RD	US 158 TO END MAINT	2	2	NO	NO	0.96	18	160	10,138	10,138	6,792	107	*	
		29	SR 1205 - KEATS RD	SR 1200 - DREWRY VIRGINIA LINE RD TO VIRGINIA	2	2	NO	NO	1.24	18	650	13,094	13,094	8,773	138		26,188
		30	SR 1214 - LEWIS MUSTIAN RD	SR 1215 - MULCHI RD TO END MAINT	2	2	NO	NO	0.22	18	40	2,323	2,323	1,556	25		
		31	SR 1216 - ZION CHURCH RD	SR 1210 - OINE RD END OF PAVEMENT	2	2	NO	NO	0.2	18	45	2,112	2,112	1,415	22		
		32	SR 1307 - PEETE FARM RD	SR 1300- PASCHAL STATION RD TO END OF PAVEMENT	2	2	NO	NO	1.78	22	75	22,974	22,974	15,393	199		37,592
		33	SR 1338 - ADCOCK DEAD END RD	SR 1335- CHURCH HILL RD TO CUL-DE-SAC	2	2	NO	NO	0.94	18	65	9,926	9,926	6,650	133		
		34	SR 1531- SHEARIN DEAD END RD	SR SR 1530 - JESSIE SHEANN TO CUL-DE-SAC	2	2	NO	NO	1.03	20	50	12,085	12,085	8,097	99		20,850
		35	SR 1518 - PETER WILLIAMS RD	SR 1517 - LONG SCHOOL RD TO CUL - DE - SAC	2	2	NO	NO	0.54	20	75	6,336	6,336	4,245	61		
		36	SR 1620 - LICKSKILLET RD	SR 1625 - PARKTOWN RD TO NC 58	2	2	NO	NO	1.27	21	175	15,646	15,646	10,483	141		26,824
		37	SR 1622- BEAMON HUNT RD	SR1625 - PARKTOWN RD TO CUL - DE - SAC	2	2	NO	NO	2.51	20	100	29,451	29,451	19,732	41		53,012
		38	SR 1623 - HUNT HOUSE RD	SR 1622- BEMON HUNT RD TO CUL - DE SAC	2	2	NO	NO	0.36	20	175	4,224	4,224	2,830	41		
39	SR1630 - INEZ ARCOLA RD	SR 1640 - RABBIT BOTTOM RD TO SR 1513 GILLIS ALSTON RD	2	2	NO	NO	3.46	20	375	40,597	40,597	27,200	389	73,076			
40	SR 1649 - HORACE PERRY RD	NC 58 TO END OF MAINT	2	2	NO	NO	0.6	18	80	6,336	6,336	4,245	67	12,672			
TOTAL FOR PROJ NO. 2020CPT.05.07.20932.1									15.11		2,065	175,242	175,242	117,411	1,463	250,214	
GRAND TOTAL									45.80		3,995	529,330	322,389	329,818	4,720	1	838,035

SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

- ▷ PORTABLE SIGN
- └ STATIONARY SIGN
- ← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

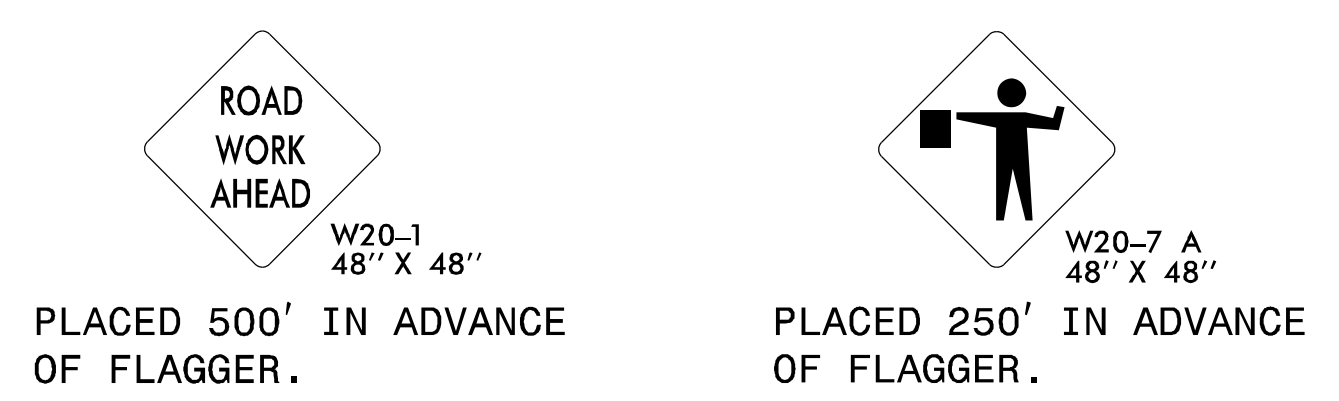
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.
	2		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	 	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		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		PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

STATIONARY SIGNING NOT REQUIRED 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, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



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.

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

5/12/2017 S:\TUXWZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln - AST.dgn User:kdais