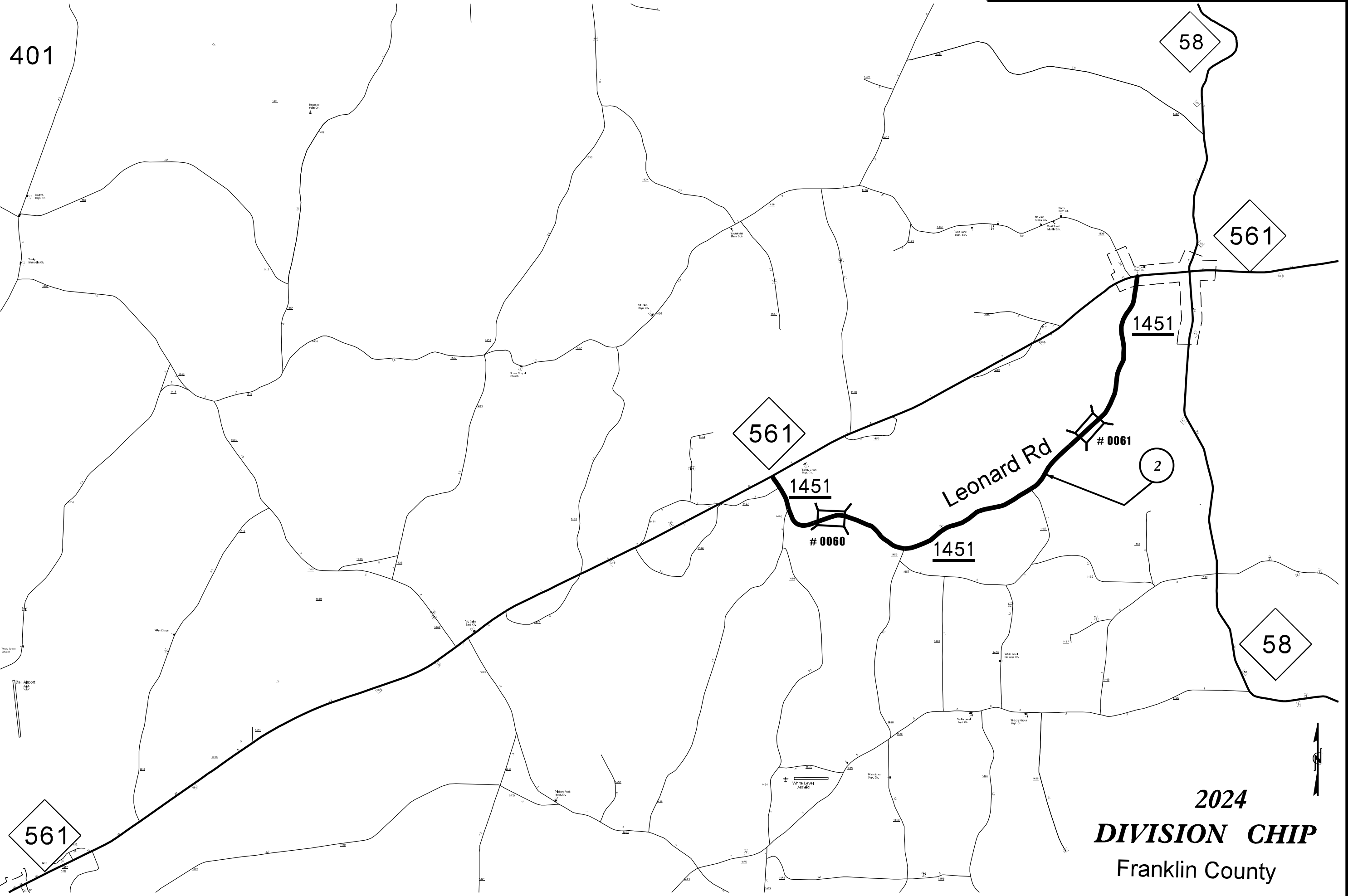


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5/14/23
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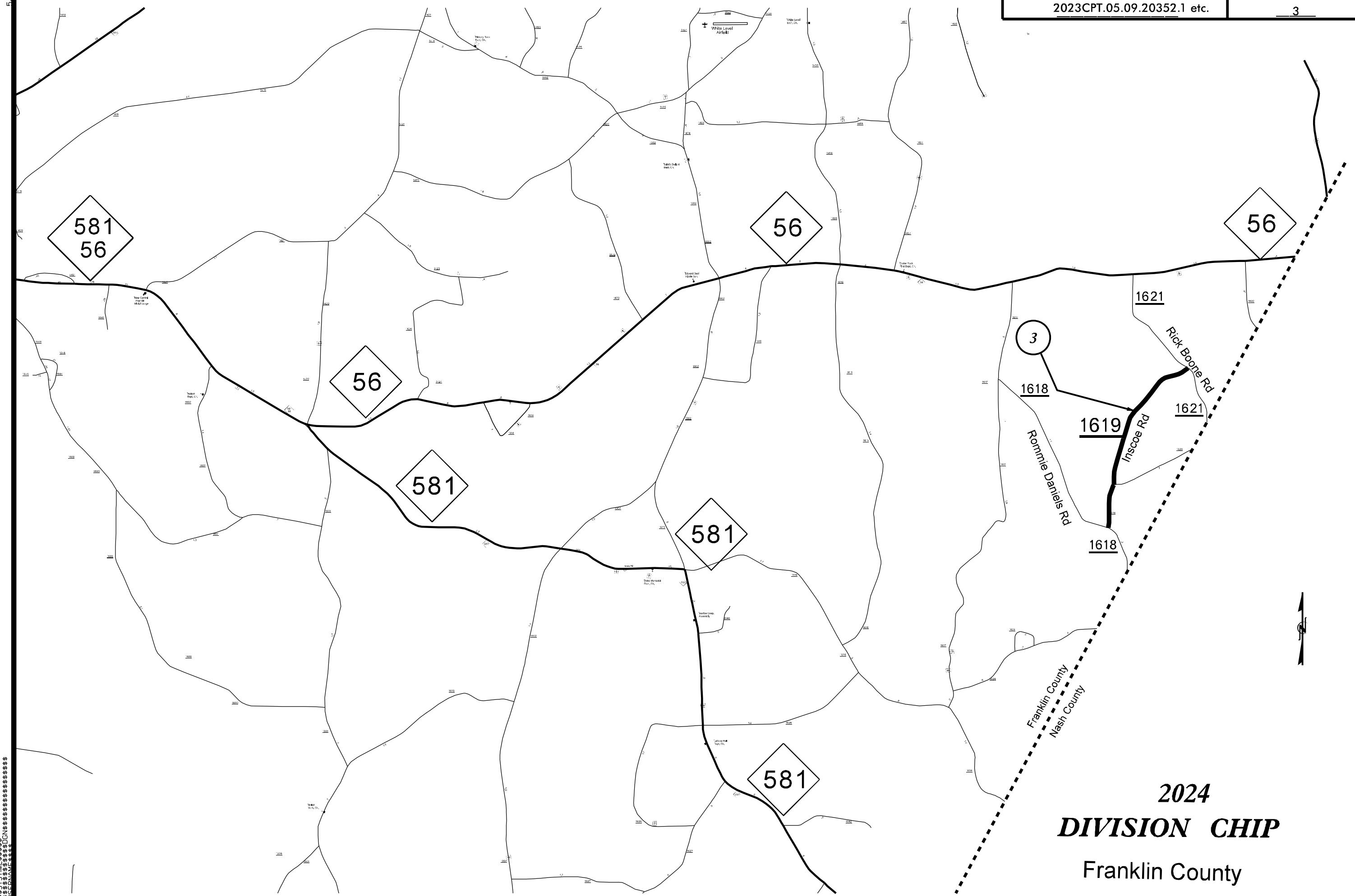


2024
DIVISION CHIP
Franklin County



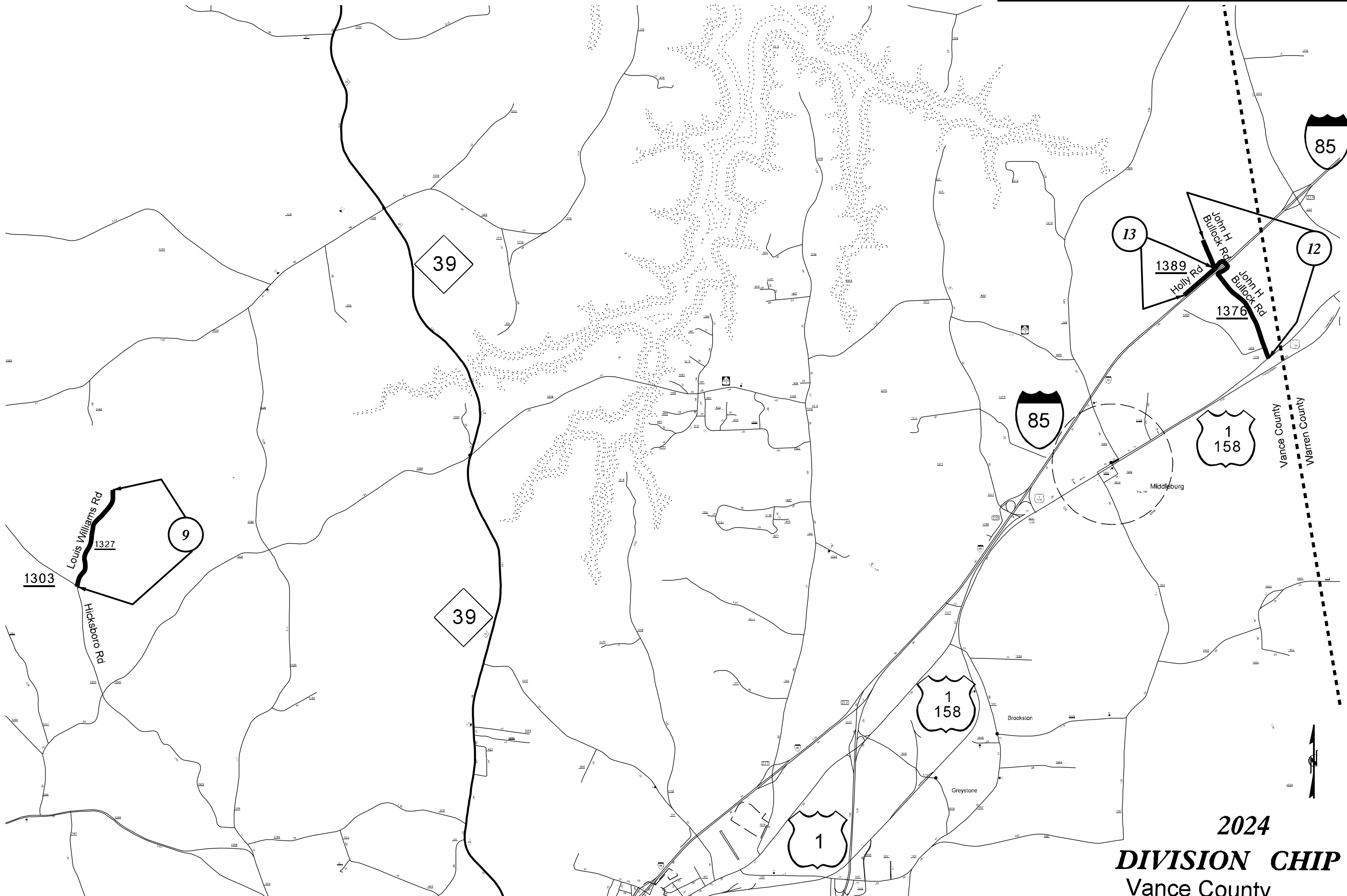
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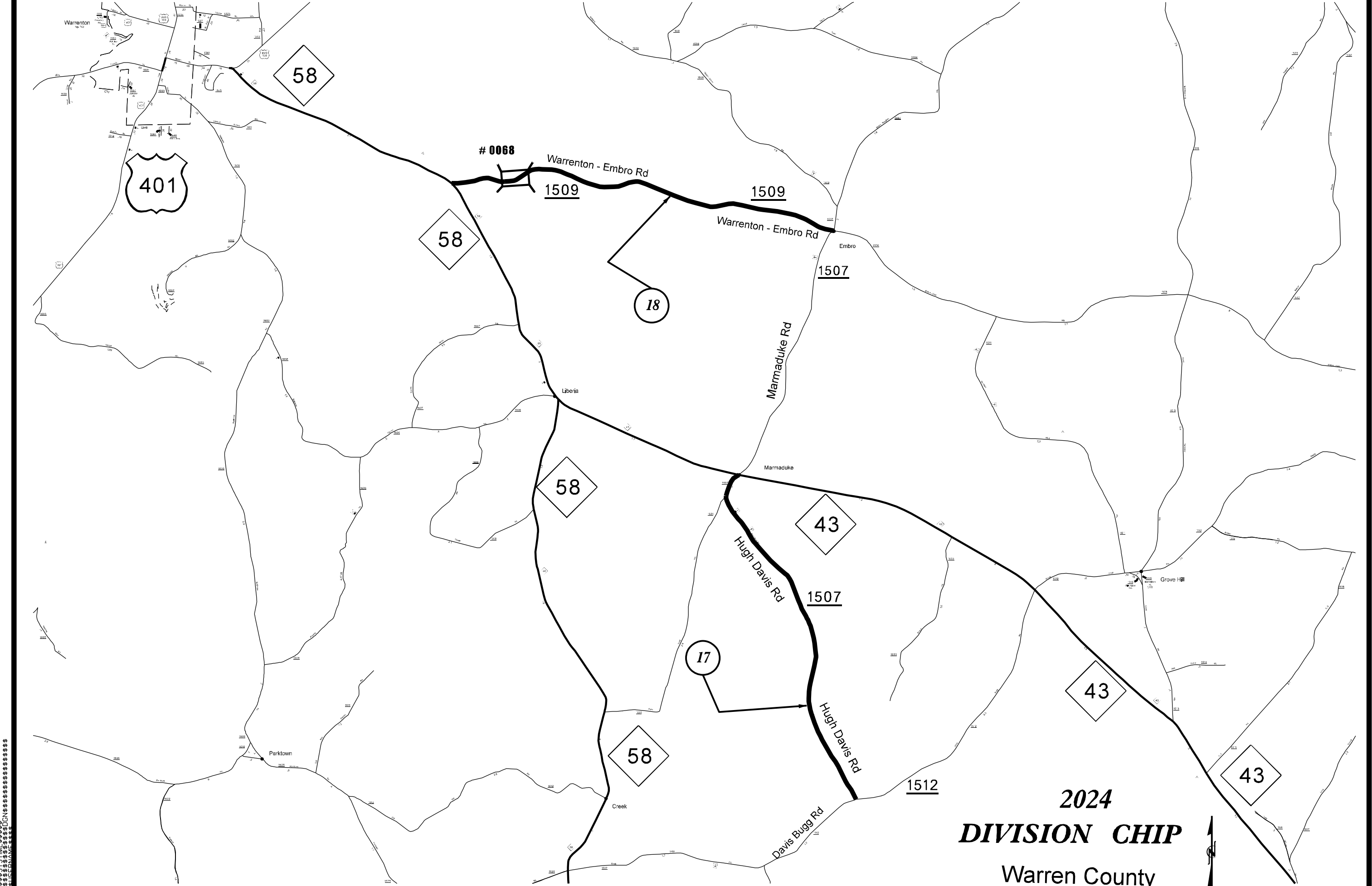
2024
DIVISION CHIP
 Franklin County

5/14/23



2024
DIVISION CHIP
 Vance County

 CUSTIMES



2024
DIVISION CHIP
 Warren County

SYSTEMS
 DIVISION
 5/14/25

PAVEMENT SCHEDULE

PROJECT REFERENCE NO.

SHEET NO.

2023CPT.05.09.20352.1 etc.

8

F1

PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL

F2

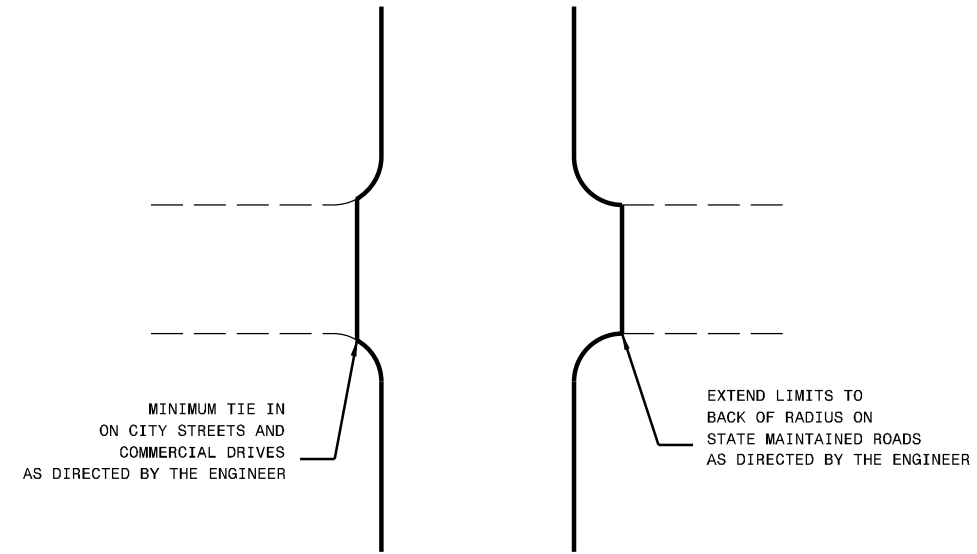
PROP. FOG SEAL TO BE APPLIED WITHIN 5 DAYS OF DOUBLE SEAL
ROADWAY SURFACE TO BE SWEEPED PRIOR TO FOG SEAL APPLICATION

U

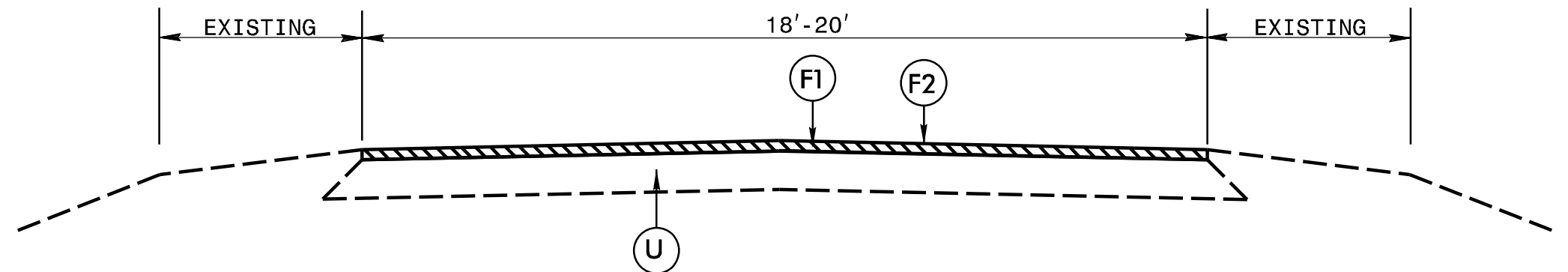
EXISTING PAVEMENT

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		
All maps	FOG SEAL	WITHIN 5 DAYS OF DOUBLE SEAL	CSS-1H		0.12

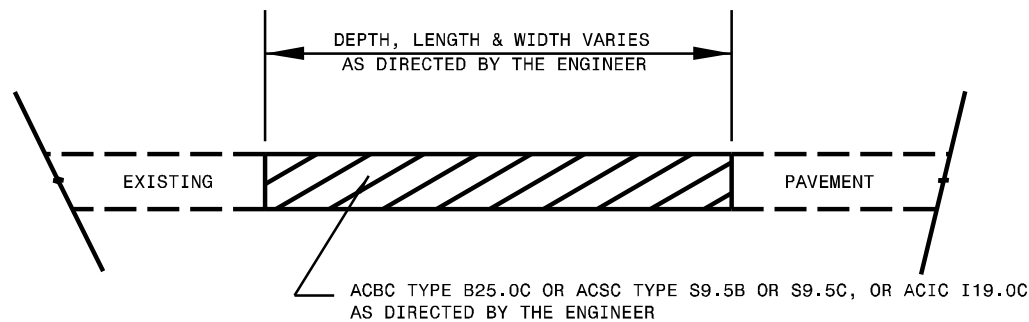


DETAIL OF PROJECT LIMITS AT Y LINES



TYPICAL SECTION 1

do not treat under the Culvert on map 12



PATCHING EXISTING PAVEMENT

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

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.05.09.20352.1,etc.	9	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1575000000-E	1704000000-E	1803500000-E	1820000000-E	1838000000-E		
											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	TONS	SY	SY	GAL
2023CPT.05.09.20352.1	Franklin	1	SR 1219 - BALLARD PRUITT RD	SR 1211 WEST RIVER RD TO SR 1211 WEST RIVER RD	1	2	NO	NO	2.78	20	0.24	5	32,654	32,654	17,960		
2023CPT.05.09.20352.1	Franklin	2	SR 1451 - LEONARD RD	NC 561 TO NC 561	1	2	NO	NO	4.77	20	0.24	5	56,021	56,021	30,812		
2023CPT.05.09.20352.1	Franklin	3	SR 1619 - INSCOE RD	SR 1618 - ROMMIE DANIELS RD TO SR 1621 - RICK BOONE RD	1	2	NO	NO	1.62	20	0.24	5	19,033	19,033	10,468		
TOTAL FOR PROJ NO. 2023CPT.05.09.20352.1											9.17		0.72	15	107,708	107,708	59,240
2023CPT.05.09.20912.1	Vance	4	SR 1426 - HOWELL RD	NC 39 TO SR 1451 - COLEND A LN	1	2	NO	NO	0.24	18	.88	20	2,540	2,540	1,397		
2023CPT.05.09.20912.1	Vance	5	SR 1451 - COLEND A LN	SR 1450 - PEARSON LN TO SR 1426 - HOWELL RD	1	2	NO	NO	0.23	18	0.24	5	2,429	2,429	1,336		
2023CPT.05.09.20912.1	Vance	6	SR 1352 - KIMBALL RD	NC 39 TO CUL-DE-SAC	1	2	NO	NO	0.63	20	0.24	5	7,691	7,691	4,230		
2023CPT.05.09.20912.1	Vance	7	SR 1397 - NUTBUSH CHURCH RD	NC 39 TO DEAD END	1	2	NO	NO	0.11	19	3.80	91	1,226	1,226	674		
2023CPT.05.09.20912.1	Vance	8	SR 1350 - KEETON RD	SR 1348 - TUNGSTEN MINE RD TO GRANVILLE COUNTY	1	2	NO	NO	2.38	18	0.24	5	25,161	25,161	13,839		
2023CPT.05.09.20912.1	Vance	9	SR 1327 - LOUIS WILLIAMS RD	SR 1303 - HICKSBORO RD TO CUL-DE-SAC	1	2	NO	NO	0.89	20	0.24	5	10,656	10,656	5,861		
2023CPT.05.09.20912.1	Vance	10	SR 1452 - TOM TERRY LN	SR 1451 - COLEND A DR TO CUL-DE-SAC	1	2	NO	NO	0.08	20	0.24	5	1,181	1,181	650		
2023CPT.05.09.20912.1	Vance	11	SR 1450 - PEARSON LN	NC 39 TO SR 1451 - COLEND A LN	1	2	NO	NO	0.14	20	0.24	5	1,648	1,648	906		
2023CPT.05.09.20912.1	Vance	12	SR 1376 - JOHN H BULLOCK RD	US 1 TO CUL-DE-SAC	1	2	NO	NO	1.33	20	0.24	5	15,759	15,759	8,667		
2023CPT.05.09.20912.1	Vance	13	SR 1389 HOLLY RD	SR 1376 - JOHN H BULLOCK RD TO DEAD END	1	2	NO	NO	0.15	18	0.24	5	1,584	1,584	871		
TOTAL FOR PROJ NO. 2023CPT.05.09.20912.1											6.18		6.80	151	69,875	69,875	38,431
2023CPT.05.09.20932.1	Warren	14	SR 1617 - ED ALSTON RD	SR 1620 - LICKSKILLET RD TO CUL-DE-SAC	1	2	NO	NO	0.79	20	0.24	5	9,613	9,613	5,287		
2023CPT.05.09.20932.1	Warren	15	SR 1131 - WILLIS PINNELL RD	US 401 TO SR 1129 - LARGO RD	1	2	NO	NO	2.08	20	0.24	5	24,521	24,521	13,487		
2023CPT.05.09.20932.1	Warren	16	SR 1615 - CHRISTMAS RD	SR 1613 - SHOCCO SPRINGS RD TO CUL-DE-SAC	1	2	NO	NO	0.79	20	0.24	5	9,557	9,557	5,256		
2023CPT.05.09.20932.1	Warren	17	SR 1507 - HUGH DAVIS RD	SR 1512 - SR 1512 - DAVIS BUGG RD TO NC 43	1	2	NO	NO	3.1	20	0.24	5	36,414	36,414	20,028		
2023CPT.05.09.20932.1	Warren	18	SR 1509 - WARRENTON EMBRO RD	NC 58 TO SR 1507- MARMADUKE RD	1	2	NO	NO	3.36	19	0.52	15	37,453	37,453	20,599		
TOTAL FOR PROJ NO. 2023CPT.05.09.20932.1											10.12		1.48	35	117,558	117,558	64,657
GRAND TOTAL											25.47		9.00	201	295,141	295,141	162,328




PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.05.09.20352.1, etc.	10	

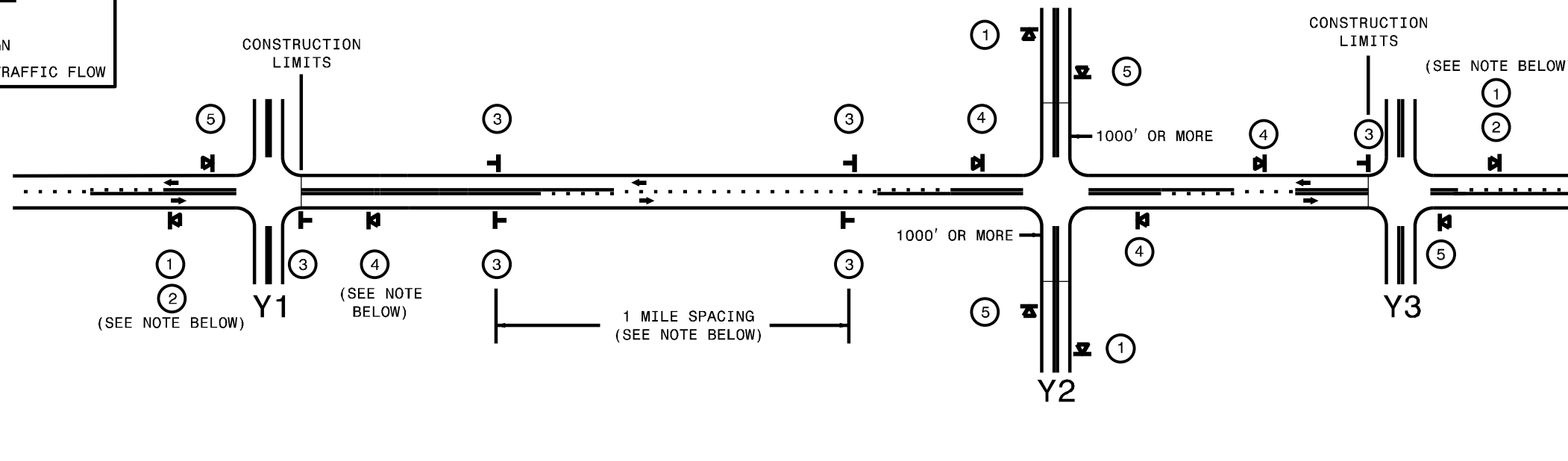
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	4413000000-E	4457000000-N	4890000000-E
							MI	FT	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	GENERIC MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, 4", 50 MIL
							SF	LS	LF		
2023CPT.05.09.20352.1	Franklin	1	SR 1219 - BALLARD PRUITT RD	SR 1211 WEST RIVER RD TO SR 1211 WEST RIVER RD	1	2	2.78	20	311	0.11	59,269
2023CPT.05.09.20352.1	Franklin	2	SR 1451 - LEONARD RD	NC 561 TO NC 561	1	2	4.77	20	534	0.19	101,697
2023CPT.05.09.20352.1	Franklin	3	SR 1619 - INSCOE RD	SR 1618 - ROMMIE DANIELS RD TO SR 1621 - RICK BOONE RD	1	2	1.62	20	2	0.06	34,539
FOR PROJ NO. 2023CPT.05.09.20352.1							9.17		847	0.36	195,505
2023CPT.05.09.20912.1	Vance	4	SR 1426 - HOWELL RD	NC 39 TO SR 1451 - COLEND A LN	1	2	0.24	18	26	0.01	
2023CPT.05.09.20912.1	Vance	5	SR 1451 - COLEND A LN	SR 1450 - PEARSON LN TO SR 1426 - HOWELL RD	1	2	0.23	18	25	0.02	
2023CPT.05.09.20912.1	Vance	6	SR 1352 - KIMBALL RD	NC 39 TO CUL-DE-SAC	1	2	0.63	20	67	0.02	
2023CPT.05.09.20912.1	Vance	7	SR 1397 - NUTBUSH CHURCH RD	NC 39 TO DEAD END	1	2	0.11	19	12	0.02	
2023CPT.05.09.20912.1	Vance	8	SR 1350 - KEETON RD	SR 1348 - TUNGSTEN MINE RD TO GRANVILLE COUNTY	1	2	2.38	18	267	0.08	50,741
2023CPT.05.09.20912.1	Vance	9	SR 1327 - LOUIS WILLIAMS RD	SR 1303 - HICKSBORO RD TO CUL-DE-SAC	1	2	0.89	20	100	0.03	
2023CPT.05.09.20912.1	Vance	10	SR 1452 - TOM TERRY LN	SR 1451 - COLEND A DR TO CUL-DE-SAC	1	2	0.08	20	9	0.03	
2023CPT.05.09.20912.1	Vance	11	SR 1450 - PEARSON LN	NC 39 TO SR 1451 - COLEND A LN	1	2	0.14	20	16	0.04	
2023CPT.05.09.20912.1	Vance	12	SR 1376 - JOHN H BULLOCK RD	US 1 TO CUL-DE-SAC	1	2	1.33	20	149	0.05	28,355
2023CPT.05.09.20912.1	Vance	13	SR 1389 HOLLY RD	SR 1376 - JOHN H BULLOCK RD TO DEAD END	1	2	0.15	18	17	0.04	4,812
FOR PROJ NO. 2023CPT.05.09.20912.1							6.18		688	0.34	83,908
2023CPT.05.09.20932.1	Warren	14	SR 1617 - ED ALSTON RD	SR 1620 - LICKSKILLET RD TO CUL-DE-SAC	1	2	0.79	20	88	0.05	
2023CPT.05.09.20932.1	Warren	15	SR 1131 - WILLIS PINNELL RD	US 401 TO SR 1129 - LARGO RD	1	2	2.08	20	126	0.07	44,345
2023CPT.05.09.20932.1	Warren	16	SR 1615 - CHRISTMAS RD	SR 1613 - SHOCCO SPRINGS RD TO CUL-DE-SAC	1	2	0.79	20	95	0.06	
2023CPT.05.09.20932.1	Warren	17	SR 1507 - HUGH DAVIS RD	SR 1512 - SR 1512 - DAVIS BUGG RD TO NC 43	1	2	3.1	20	347	0.10	66,092
2023CPT.05.09.20932.1	Warren	18	SR 1509 - WARRENTON EMBRO RD	NC 58 TO SR 1507- MARMADUKE RD	1	2	3.36	19	376	0.02	71,637
FOR PROJ NO. 2023CPT.05.09.20932.1							10.12		1,032	0.30	182,074
GRAND TOTAL							25.47		2,567	1.00	461,487

SIGNING FOR ASPHALT SURFACE TREATMENT








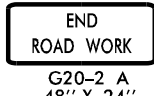
LEGEND

-  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.	<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		- 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>  <small>SP 48" X 48"</small>	<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>	
	④	 <small>SP 13106 48" X 48"</small>	<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>	
	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.	

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

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