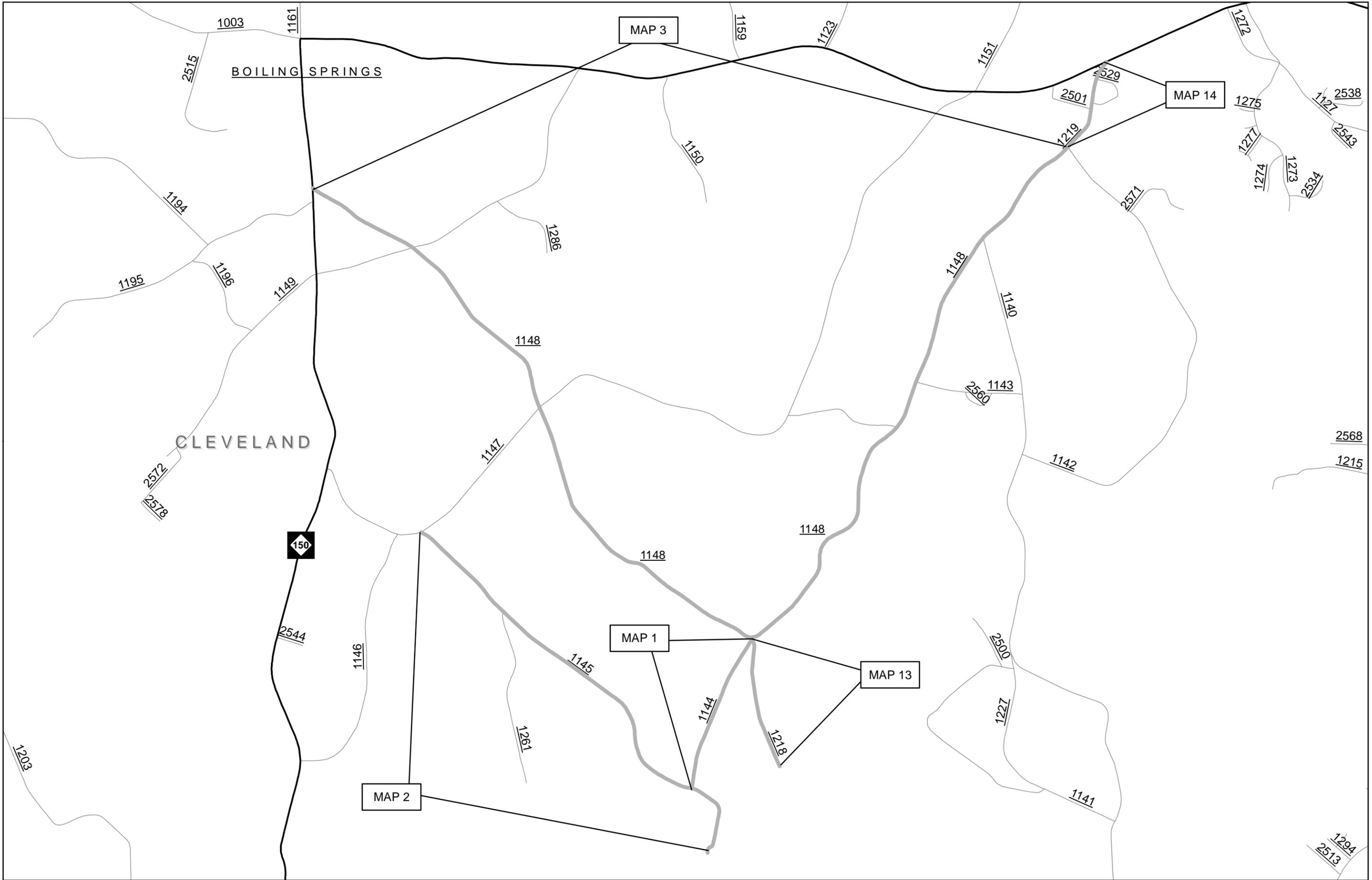
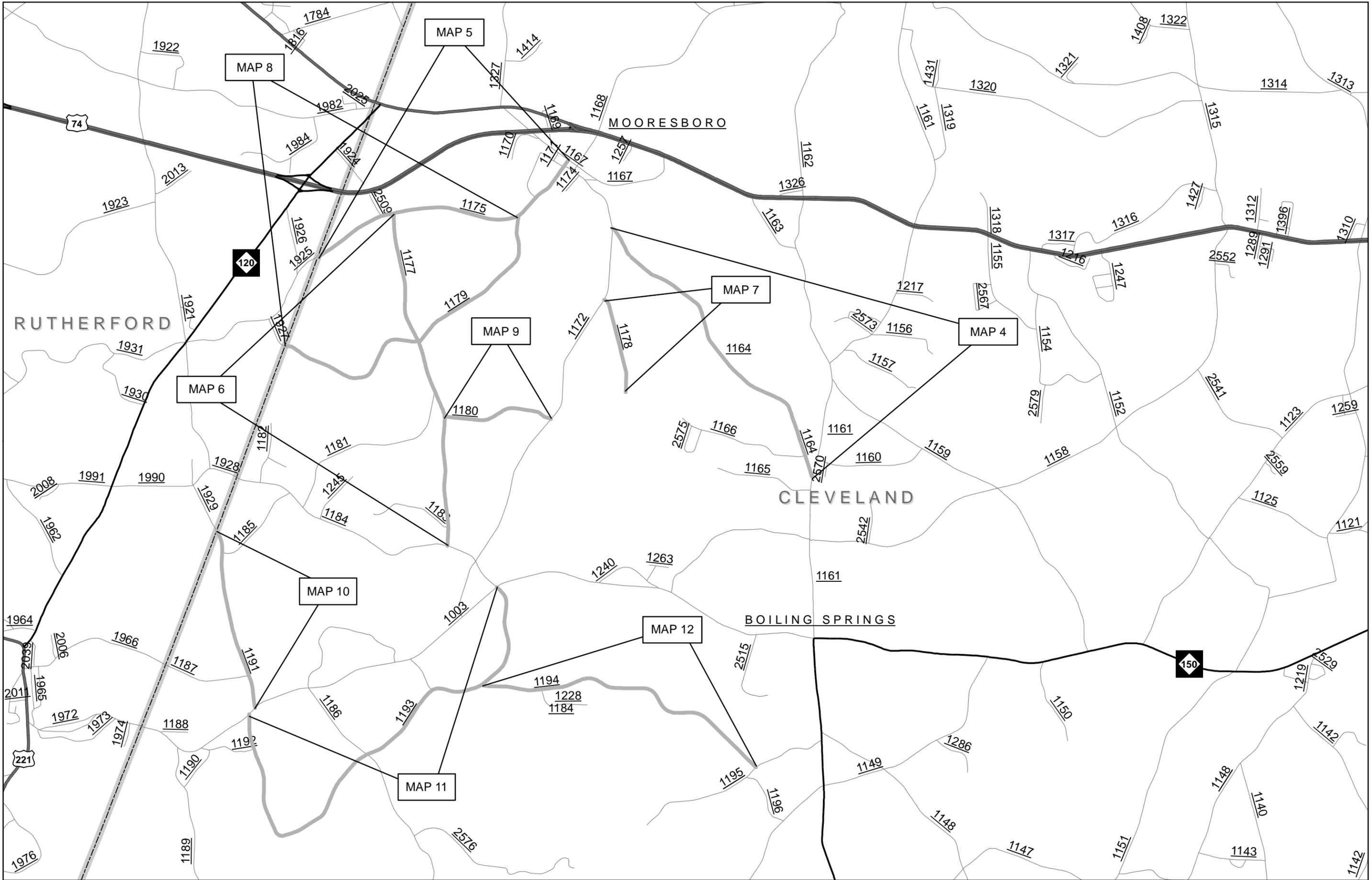


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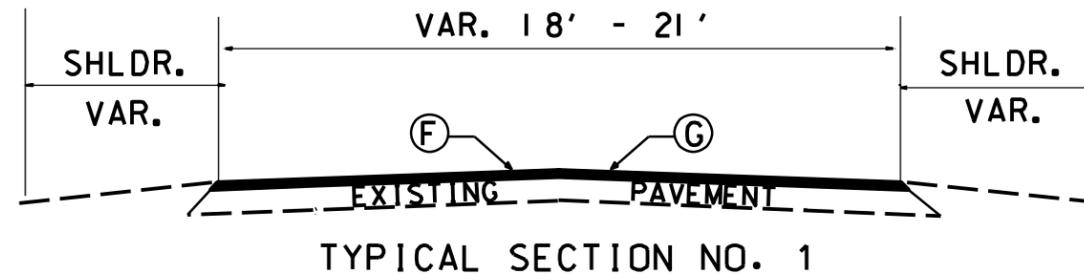
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PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
DL00224	6	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
2021CPT.12.02.20232	STATE FUNDED	CLEVELAND
2021CPT.12.02.20552	STATE FUNDED	LINCOLN

PAVEMENT SCHEDULE	
F	ASPHALT SURFACE TREATMENT, DOUBLE SEAL, USING A TOP LAYER OF LIGHTWEIGHT AGGREGATE AND A BOTTOM LAYER OF #78M AGGREGATE
G	ASPHALT SURFACE TREATMENT, FOG SEAL USING A TARGET APPLICATION RATE OF 0.12 GAL/SY, +/- 0.03 GAL/SY



PROJECT NO.	SHEET NO.	TOTAL NO.
2021CPT.12.02.20232, 2021CPT.12.02.20552	7	

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	1803500000-E	1820000000-E	1838000000-E	2143000000-E	
												ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, FOG SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	BLOTTING SAND	
											MI	FT	SY	SY	GAL	TON
2021CPT.12.02.20232	Cleveland	1	SR 1144 (BURKE RD.)	SR 1145 TO SR 1148	1	2	2WU	NO	NO	0.73	18	8,480	8,480	4,240	15	
2021CPT.12.02.20232	Cleveland	2	SR 1145 (HONEY HAVEN FARM RD.)	SR 1147 TO DEAD END	1	2	2WU	NO	NO	2.08	20	26,846	26,846	13,423		
2021CPT.12.02.20232	Cleveland	3	SR 1148 (FLINT HILL CH. RD.)	SR 1219 TO NC 150	1	2	2WU	NO	NO	5.12	18	59,474	59,474	29,737		
2021CPT.12.02.20232	Cleveland	4	SR 1164 (WHITAKER RD.)	SR 1161 TO SR 1172	1	2	2WU	NO	NO	2.4	21	32,525	32,525	16,263		
2021CPT.12.02.20232	Cleveland	5	SR 1175 (BELAIRE RD.)	RUTHERFORD COUNTY TO SR 1167	1	2	2WU	NO	NO	2.09	20	26,975	26,975	13,487		
2021CPT.12.02.20232	Cleveland	6	SR 1177 (TRINITY CH. RD.)	SR 1184 TO SR 1175	1	2	2WU	NO	NO	2.45	18	28,459	28,459	14,230		
2021CPT.12.02.20232	Cleveland	7	SR 1178 (LEMMONS RD.)	SR 1172 TO DEAD END	1	2	2WU	NO	NO	0.69	18	8,015	8,015	4,008		
2021CPT.12.02.20232	Cleveland	8	SR 1179 (GANTS GROVE CH. RD.)	RUTHERFORD COUNTY TO SR 1175	1	2	2WU	NO	NO	2.42	20	31,234	31,234	15,617		
2021CPT.12.02.20232	Cleveland	9	SR 1180 (BRIDGES LAKE RD.)	SR 1177 TO SR 1172	1	2	2WU	NO	NO	0.8	18	9,293	9,293	4,646		
2021CPT.12.02.20232	Cleveland	10	SR 1191 (GOODES GROVE CH. RD.)	SR 1003 TO RUTHERFORD COUNTY	1	2	2WU	NO	NO	1.31	18	15,217	15,217	7,609		
2021CPT.12.02.20232	Cleveland	11	SR 1193 (LAKE HOUSER RD.)	SR 1003 TO SR 1003	1	2	2WU	NO	NO	2.77	18	32,176	32,176	16,088		
2021CPT.12.02.20232	Cleveland	12	SR 1194 (ROCKFORD RD.)	SR 1184 TO SR 1195	1	2	2WU	NO	NO	2.24	18	26,020	26,020	13,010		
2021CPT.12.02.20232	Cleveland	13	SR 1218 (CLAY RD.)	SR 1148 TO DEAD END	1	2	2WU	NO	NO	0.41	18	4,763	4,763	4,412		
2021CPT.12.02.20232	Cleveland	14	SR 1219 (BURKE RD)	SR 1148 TO NC 150	1	2	2WU	NO	NO	0.99	18	11,500	11,500	5,750		
TOTAL FOR PROJ NO. 2021CPT.12.02.20232										26.5		320,977	320,977	162,520	15	
2021CPT.12.02.20552	Lincoln	15	SR 1114 (BOOSVILLE CURVE)	NC 10 TO NC 27	1	2	2WU	NO	NO	4.138	21	53,529	53,529	28,932	15	
2021CPT.12.02.20552	Lincoln	16	SR 1113 (REEPS GROVE CH. RD.)	SR 1114 (NORTHBROOK III) TO SR 1002 (CAT SQUARE RD.)	1	2	2WU	NO	NO	4.55	20	56,056	56,056	30,270		
2021CPT.12.02.20552	Lincoln	17	SR 1115 (N. HEBRON CH. RD.)	NC 27 TO SR 1114 (NORTH BROOK III)	1	2	2WU	NO	NO	0.886	18	9,824	9,824	5,305		
2021CPT.12.02.20552	Lincoln	18	SR 1116 (BERT YARBORO RD.)	SR 1115 (S. HEBRON CH. RD.) TO END MAINT.	1	2	2WU	NO	NO	0.41	18	4,546	4,546	2,455		
2021CPT.12.02.20552	Lincoln	19	SR 1120 (TALLENT RD.)	SR 1114 (NORTHBROOK III) TO SR 1113	1	2	2WU	NO	NO	1.15	18	12,751	12,751	6,886		
2021CPT.12.02.20552	Lincoln	20	SR 1122 (LINGERFELT RD.)	SR 1120 (TALLENT RD.) TO SR 1111 (HULL GROVE CH RD.)	1	2	2WU	NO	NO	1.11	18	12,308	12,308	6,646		
2021CPT.12.02.20552	Lincoln	21	SR 1123 (DAN RHYNE RD.)	SR 1002 (CAT SQUARE) TO SR 1113 (REEPSGROVE CH RD.)	1	2	2WU	NO	NO	0.938	20	11,556	11,556	6,240		
2021CPT.12.02.20552	Lincoln	22	SR 1134 (HALLMAN MILL RD.)	NC 27 TO CLEVELAND CO.	1	2	2WU	NO	NO	2.9	20	35,728	35,728	19,293		
2021CPT.12.02.20552	Lincoln	23	SR 1141 (NORMAN PARKER RD.)	SR 1139 (DAVIDS CHAPEL CH RD.) TO SR 1140 (FLAY RD.)	1	2	2WU	NO	NO	1.694	20	20,870	20,870	11,270		
2021CPT.12.02.20552	Lincoln	24	SR 1129 (BEAM LUMBER RD.)	NC 27 TO SR 1002 (CAT SQUARE)	1	2		NO	NO	1.8	19	21,067	21,067	11,376		
2021CPT.12.02.20552	Lincoln	25	SR 1243 (SOUTHSIDE RD.)	SR 1243 (SOUTHSIDE RD.) TO SR 1242 (LONGSHOALS RD.)	1	2	2WU	NO	NO	1.721	20	21,203	21,203	11,450		
TOTAL FOR PROJ NO. 2021CPT.12.02.20552										21.297		259,438	259,438	140,123	15	
GRAND TOTAL										47.797		580,415	580,415	302,643	30	

PROJECT NO.	SHEET NO.	TOTAL NO.
2021CPT.12.02.20232, 2021CPT.12.02.20552	8	

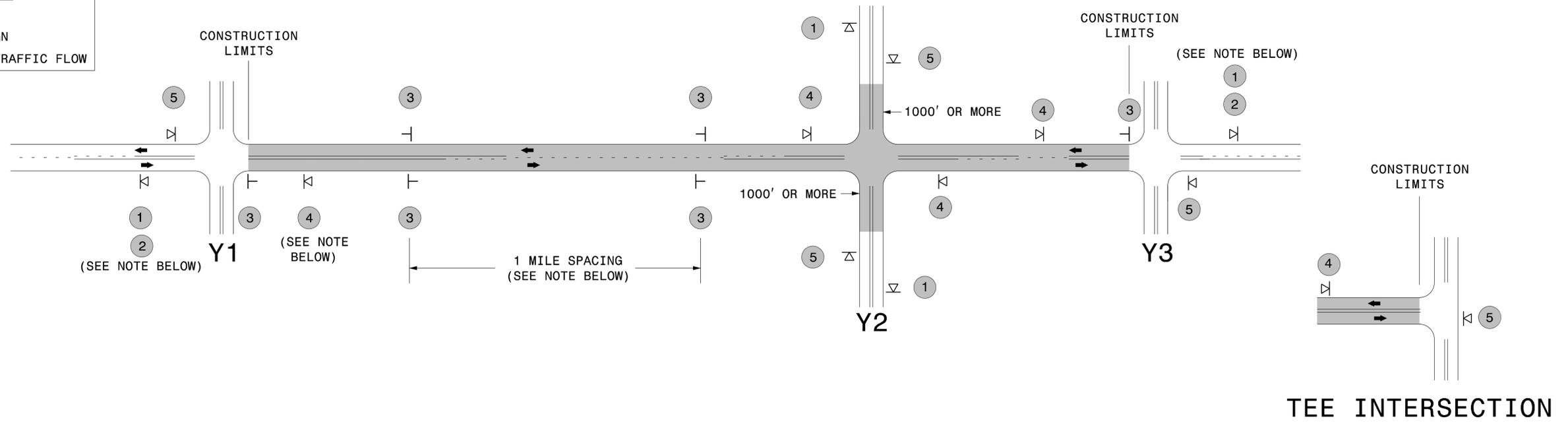
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH		WIDTH	4413000000-E	4457000000-N	4686000000-E	4710000000-E	4721000000-E		4810000000-E		4850000000-E	4870000000-E	4875000000-N
								MI	FT		WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	24" X 90M WHITE THERMO	THERMO MSG STOP 90 M	THERMO MSG AHEAD 90 M	4" YELLOW PAINT	4" WHITE PAINT	4" LINE REMOVAL	24" LINE REMOVAL	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
								SF	LS	LF	LF	EA	EA	LF	LF	LF	LF	EA			
2021CPT.12.02.20232	Cleveland	1	SR 1144 (BURKE RD.)	SR 1145 TO SR 1148	1	2	2WU	0.73	18	18		*					15,710	15,710			
2021CPT.12.02.20232	Cleveland	2	SR 1145 (HONEY HAVEN FARM RD.)	SR 1147 TO DEAD END	1	2	2WU	2.08	20	116		*					44,762	44,762			
2021CPT.12.02.20232	Cleveland	3	SR 1148 (FLINT HILL CH. RD.)	SR 1219 TO NC 150	1	2	2WU	5.12	18	260		*					110,182	110,182			
2021CPT.12.02.20232	Cleveland	4	SR 1164 (WHITAKER RD.)	SR 1161 TO SR 1172	1	2	2WU	2.4	21	196		*					14,418	14,418			
2021CPT.12.02.20232	Cleveland	5	SR 1175 (BELAIRE RD.)	RUTHERFORD COUNTY TO SR 1167	1	2	2WU	2.09	20	116		*					44,977	44,977			
2021CPT.12.02.20232	Cleveland	6	SR 1177 (TRINITY CH. RD.)	SR 1184 TO SR 1175	1	2	2WU	2.45	18	148		*					32,340	52,724			
2021CPT.12.02.20232	Cleveland	7	SR 1178 (LEMMONS RD.)	SR 1172 TO DEAD END	1	2	2WU	0.69	18	84		*					14,849	14,849			
2021CPT.12.02.20232	Cleveland	8	SR 1179 (GANTS GROVE CH. RD.)	RUTHERFORD COUNTY TO SR 1175	1	2	2WU	2.42	20	148		*					52,078	52,078			
2021CPT.12.02.20232	Cleveland	9	SR 1180 (BRIDGES LAKE RD.)	SR 1177 TO SR 1172	1	2	2WU	0.8	18	84		*					17,216	17,216			
2021CPT.12.02.20232	Cleveland	10	SR 1191 (GOODES GROVE CH. RD.)	SR 1003 TO RUTHERFORD COUNTY	1	2	2WU	1.31	18	116		*					28,191	28,191			
2021CPT.12.02.20232	Cleveland	11	SR 1193 (LAKE HOUSER RD.)	SR 1003 TO SR 1003	1	2	2WU	2.77	18	148		*					59,610	59,610			
2021CPT.12.02.20232	Cleveland	12	SR 1194 (ROCKFORD RD.)	SR 1184 TO SR 1195	1	2	2WU	2.24	18	148		*					48,205	48,205			
2021CPT.12.02.20232	Cleveland	13	SR 1218 (CLAY RD.)	SR 1148 TO DEAD END	1	2	2WU	0.41	18	84		*					8,823	8,823			
2021CPT.12.02.20232	Cleveland	14	SR 1219 (BURKE RD)	SR 1148 TO NC 150	1	2	2WU	0.99	18	84		*					21,305	21,305			
TOTAL FOR PROJ NO. 2021CPT.12.02.20232								26.5		1,816		*					512,666	533,050			
																	1,045,716				
2021CPT.12.02.20552	Lincoln	15	SR 1114 (BOOSVILLE CURVE)	NC 10 TO NC 27	1	2	2WU	4.138	21	256		*					87,400	87,400			
2021CPT.12.02.20552	Lincoln	16	SR 1113 (REEPS GROVE CH. RD.)	SR 1114 (NORTHBROOK III) TO SR 1002 (CAT SQUARE RD.)	1	2	2WU	4.55	20	296		*					96,100	96,100			
2021CPT.12.02.20552	Lincoln	17	SR 1115 (N. HEBRON CH. RD.)	NC 27 TO SR 1114 (NORTH BROOK III)	1	2	2WU	0.886	18	72		*					18,715	18,715			
2021CPT.12.02.20552	Lincoln	18	SR 1116 (BERT YARBORO RD.)	SR 1115 (S. HEBRON CH. RD.) TO END MAINT.	1	2	2WU	0.41	18	48		*									
2021CPT.12.02.20552	Lincoln	19	SR 1120 (TALLENT RD.)	SR 1114 (NORTHBROOK III) TO SR 1113	1	2	2WU	1.15	18	112		*					24,300	24,300			
2021CPT.12.02.20552	Lincoln	20	SR 1122 (LINGERFELT RD.)	SR 1120 (TALLENT RD.) TO SR 1111 (HULL GROVE CH RD.)	1	2	2WU	1.11	18	88		*					23,450	23,450			
2021CPT.12.02.20552	Lincoln	21	SR 1123 (DAN RHYNE RD.)	SR 1002 (CAT SQUARE) TO SR 1113 (REEPSGROVE CH RD.)	1	2	2WU	0.938	20	48		*	460	14	16	20	19,820	19,820	230	14	9
2021CPT.12.02.20552	Lincoln	22	SR 1134 (HALLMAN MILL RD.)	NC 27 TO CLEVELAND CO.	1	2	2WU	2.9	20	192		*					61,250	61,250			
2021CPT.12.02.20552	Lincoln	23	SR 1141 (NORMAN PARKER RD.)	SR 1139 (DAVIDS CHAPEL CH RD.) TO SR 1140 (FLAY RD.)	1	2	2WU	1.694	20	80		*					35,780	35,780			
2021CPT.12.02.20552	Lincoln	24	SR 1129 (BEAM LUMBER RD.)	NC 27 TO SR 1002 (CAT SQUARE)	1	2		1.8	19	160		*					39,020	39,020			
2021CPT.12.02.20552	Lincoln	25	SR 1243 (SOUTHSIDE RD.)	SR 1243 (SOUTHSIDE RD.) TO SR 1242 (LONGSHOALS RD.)	1	2	2WU	1.721	20	104		*					36,350	36,350			
TOTAL FOR PROJ NO. 2021CPT.12.02.20552								21.297		1,456		*	460	14	16	20	442,185	442,185	230	14	9
																	36	884,370			
GRAND TOTAL								47.797		3,272		1	460	14	16	20	954,851	975,235	230	14	9
																	36	1,930,086			

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.	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.	
	2	 W7-3qP 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.		
		 SP 48" X 48"	- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.		
	4	 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.	 W20-1 48" X 48"	PLACED 500' IN ADVANCE OF FLAGGER.	
				 W20-7 A 48" X 48"	PLACED 250' IN ADVANCE OF FLAGGER.

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