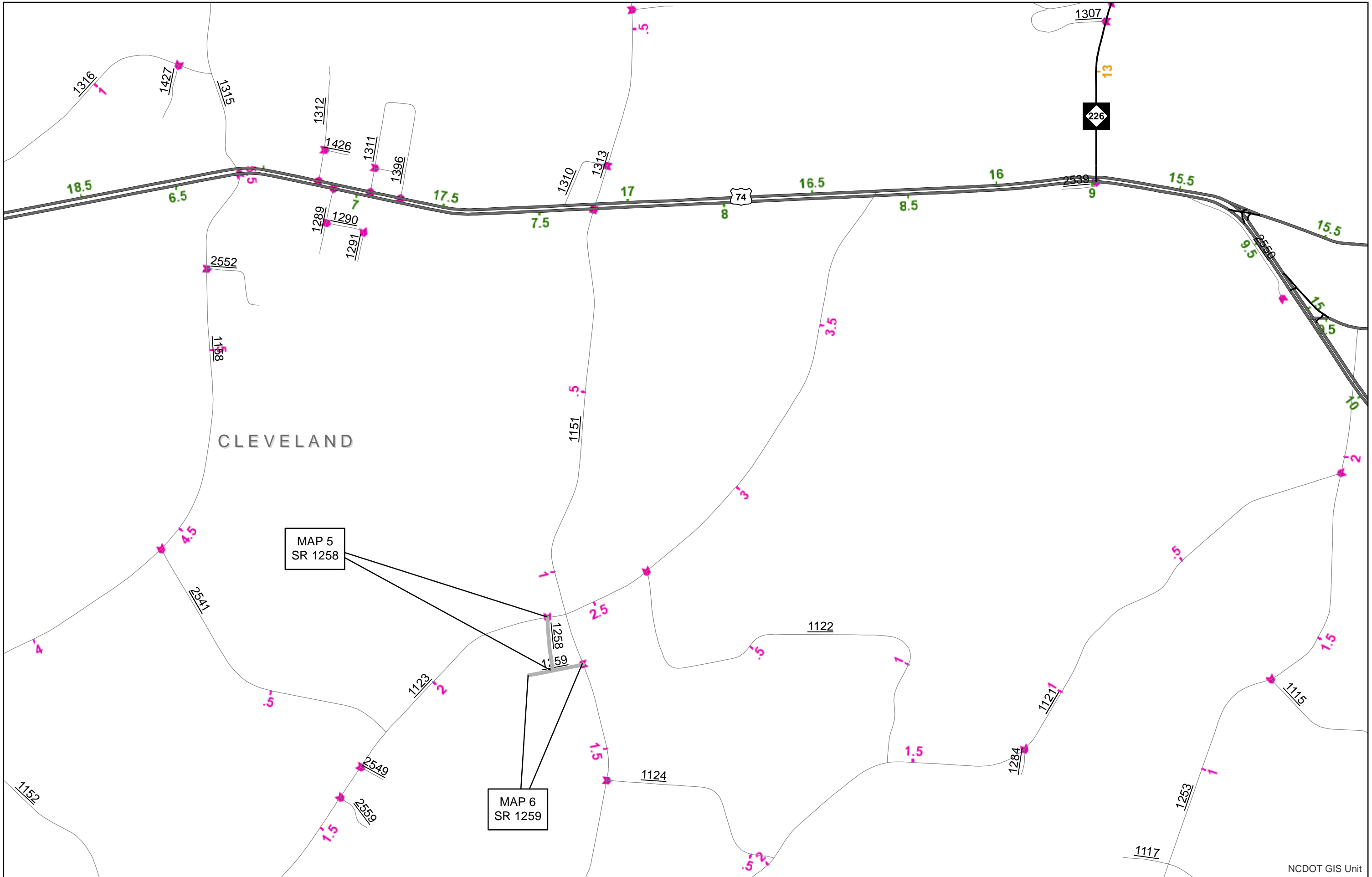


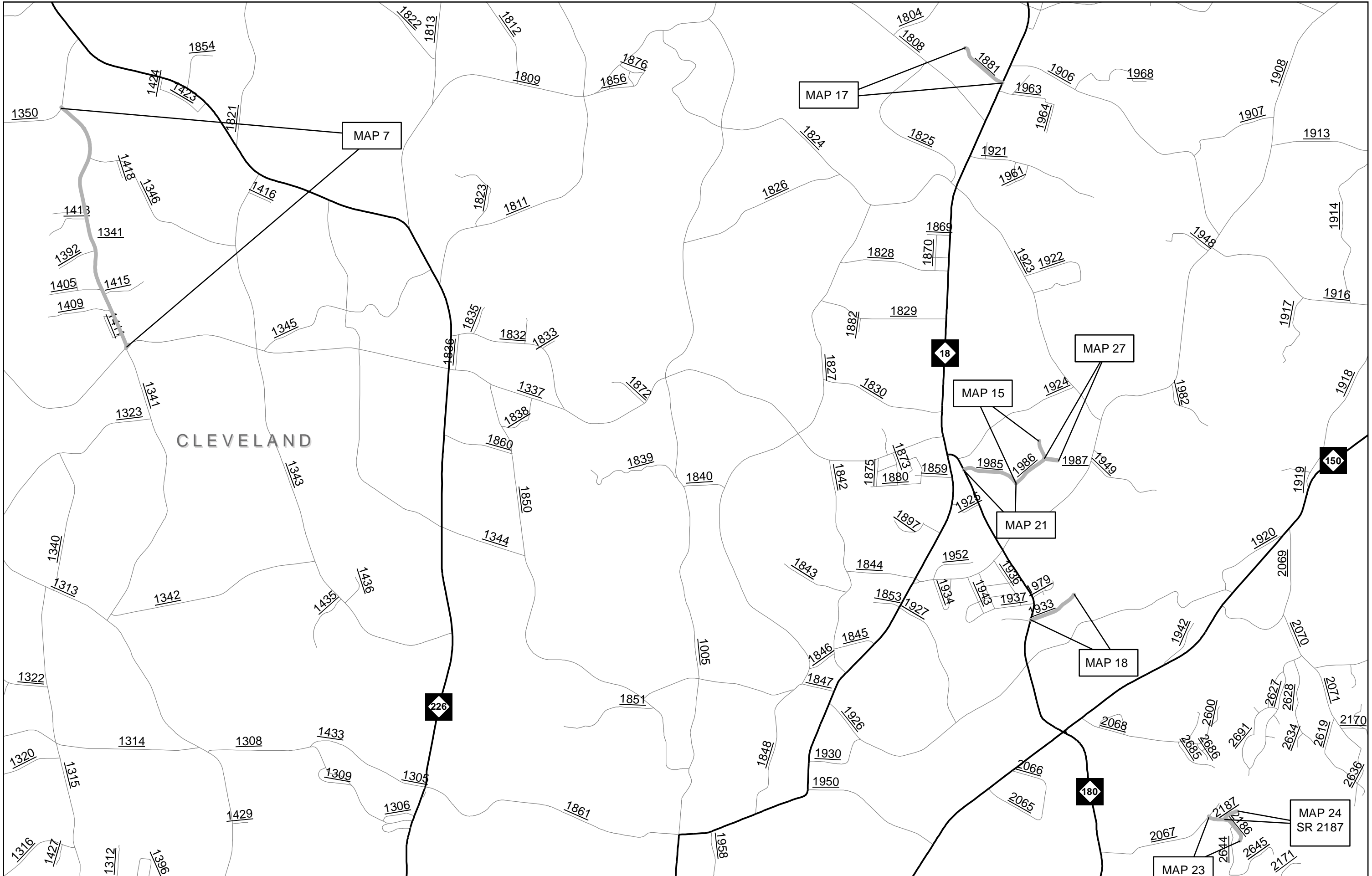
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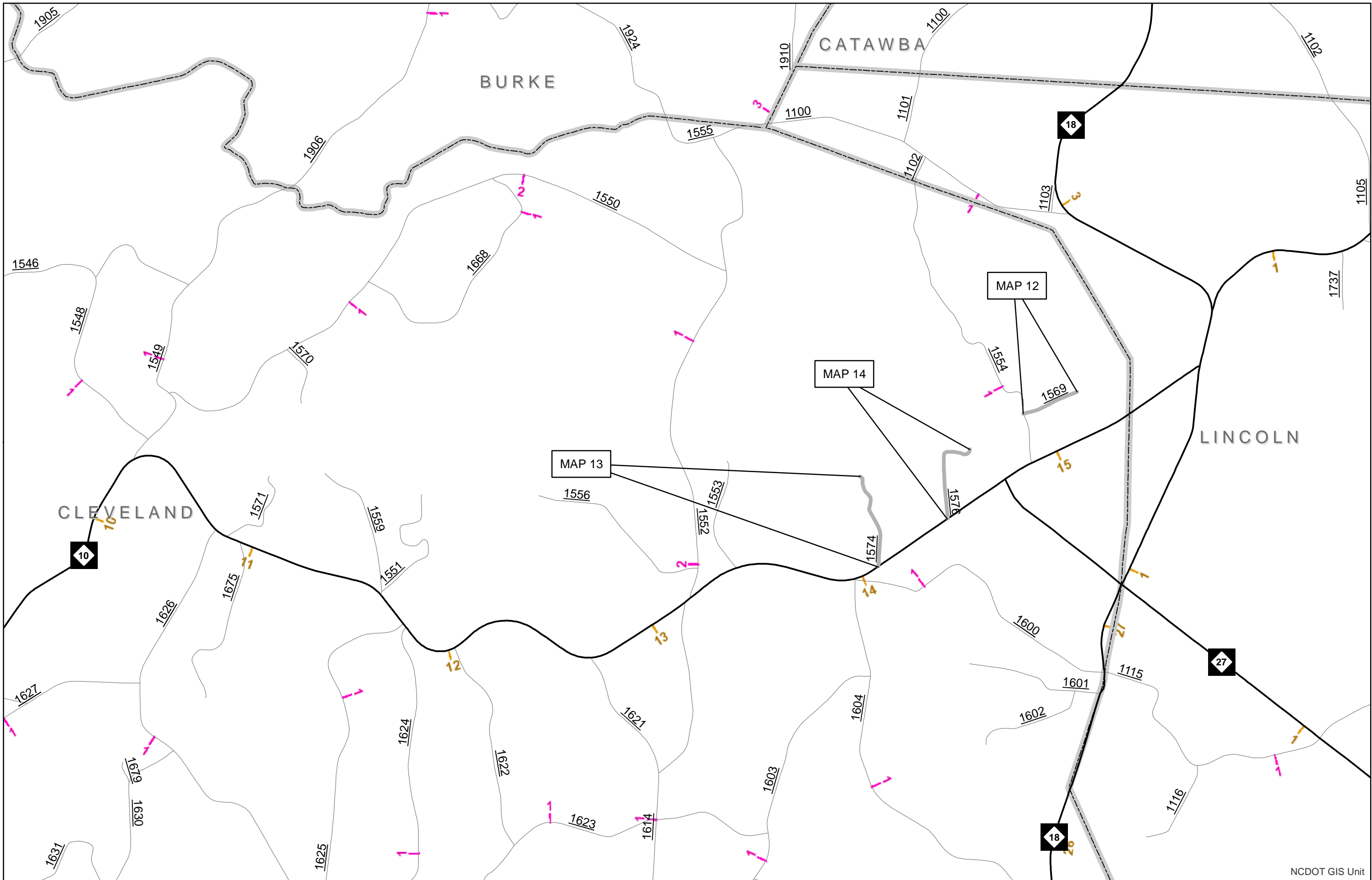
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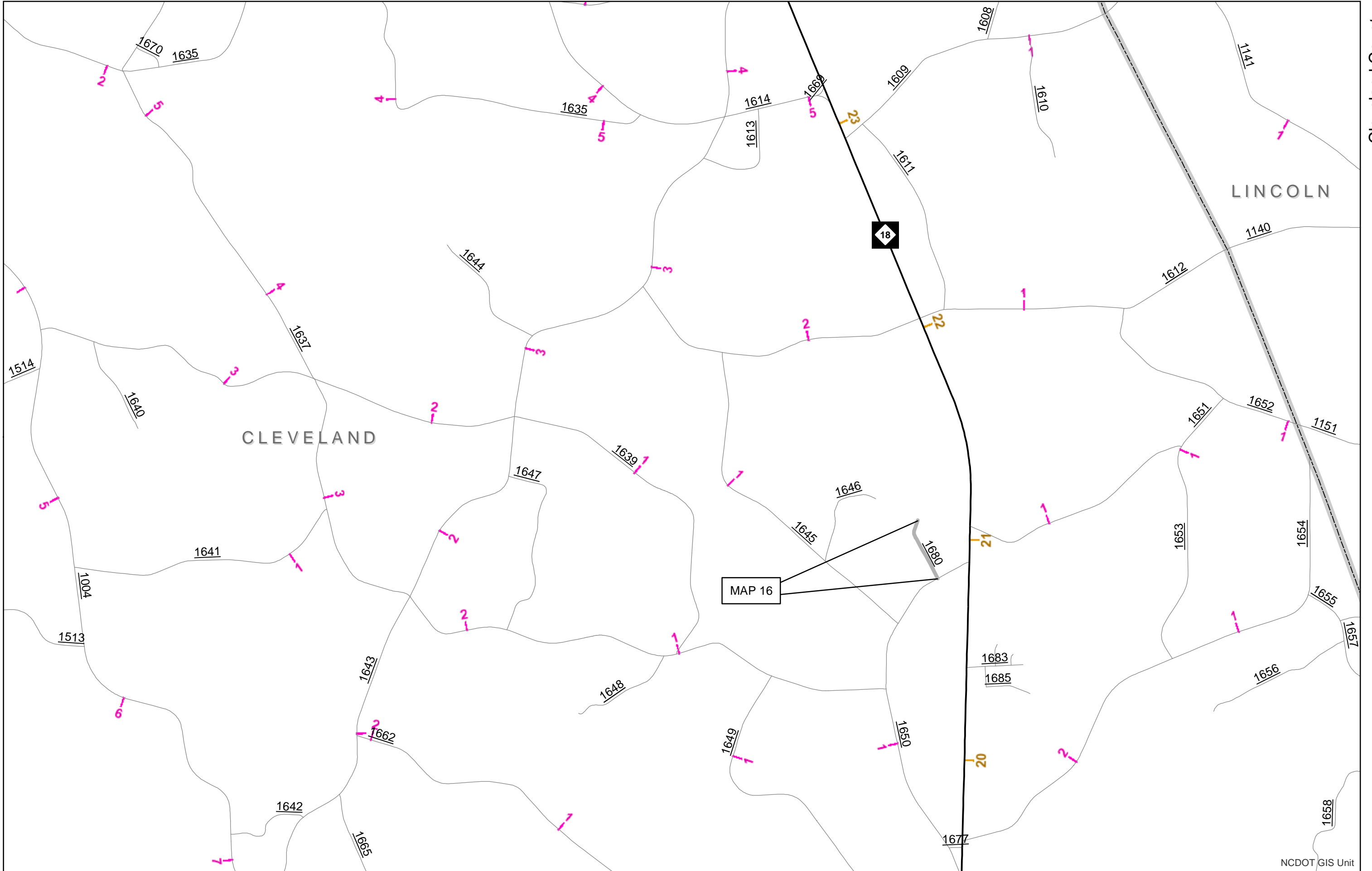








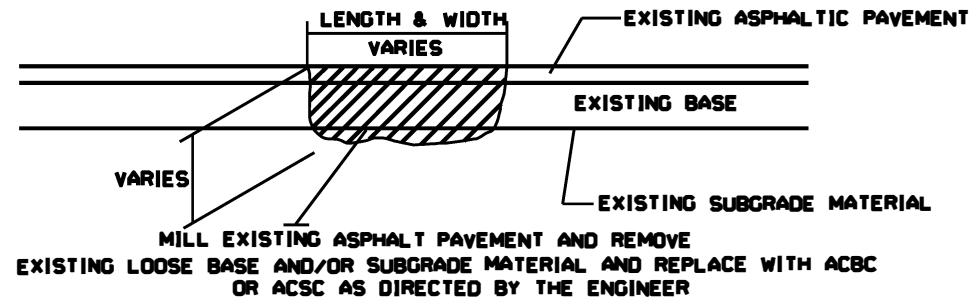






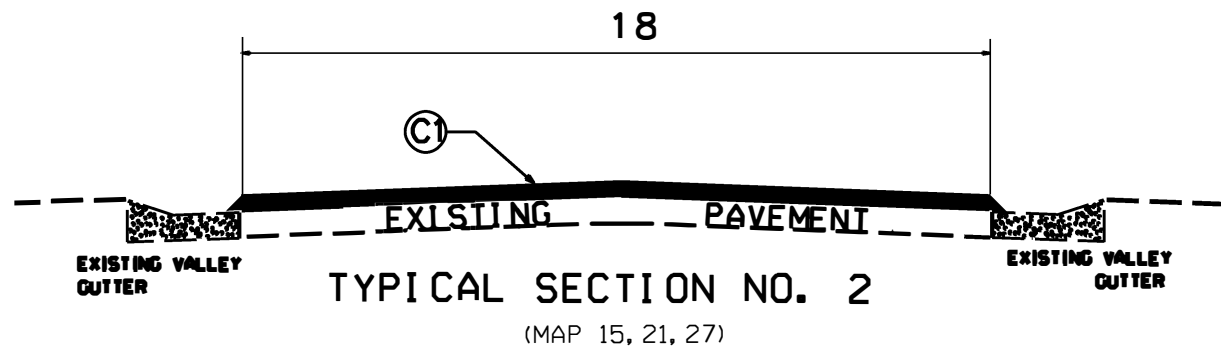
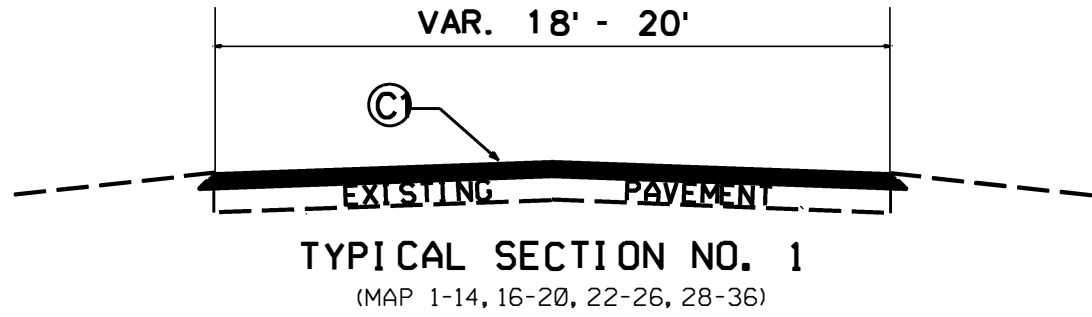


PAVEMENT SCHEDULE	
C1	PROP. APPROX. 3/4" ASPHALT CONCRETE SURFACE COURSE, SF4.75A, TYPE AT AN AVERAGE RATE OF 95 LBS. PER SQ. YD.



**PARTIAL DEPTH PAVEMENT REPAIR**

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
CLEVELAND COUNTY 2021-2022	9	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
2021 CPT. 12.04.20232		



PROJECT NO.	SHEET NO.	TOTAL NO.
2021CPT.12.04.20232	10	

## 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	152600000-E	157500000-E	169300000-E
												SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	PARTIAL DEPTH PAVEMENT REPAIR
												TONS	TONS	TON
2021CPT.12.04.20232	Cleveland	1	SR 1129 (EMERALD MINE RD.)	SR 2522 TO DEAD END	1	2	2WU	NO	NO	1.34	18	884	62	150
2021CPT.12.04.20232	Cleveland	2	SR 1232 (CARMEL DR.)	NC 180 TO DEAD END	1	2	2WU	NO	NO	0.37	18	244	17	49
2021CPT.12.04.20232	Cleveland	3	SR 1236 (IDLEWILD DR.)	NC 180 TO DEAD END	1	2	2WU	NO	NO	0.18	18	119	8	24
2021CPT.12.04.20232	Cleveland	4	SR 1243 (PETERSON DR.)	SR 1104 TO SR 1236	1	2	2WU	NO	NO	0.26	18	171	12	20
2021CPT.12.04.20232	Cleveland	5	SR 1258 (FROST PL.)	SR 1123 TO SR 1259	1	2	2WU	NO	NO	0.14	18	92	6	12
2021CPT.12.04.20232	Cleveland	6	SR 1259 (HILLWOOD ST.)	SR 1151 TO DEAD END	1	2	2WU	NO	NO	0.15	18	99	7	10
2021CPT.12.04.20232	Cleveland	7	SR 1341 (KINGSTON RD.)	SR 1337 TO SR 1350	1	2	2WU	NO	NO	1.88	20	1,377	96	234
2021CPT.12.04.20232	Cleveland	8	SR 1374 (ELLIOT DR.)	SR 1361 TO SR 1375	1	2	2WU	NO	NO	0.2	18	132	9	19
2021CPT.12.04.20232	Cleveland	9	SR 1375 (SHYTLER DR.)	NC 226 TO DEAD END	1	2	2WU	NO	NO	0.24	18	158	11	18
2021CPT.12.04.20232	Cleveland	10	SR 1384 (N. CIRCLE DR.)	NC 226 TO SR 1361	1	2	2WU	NO	NO	0.45	18	297	21	30
2021CPT.12.04.20232	Cleveland	11	SR 1404 (S. WITHROW DR.)	NC 226 TO NC 226	1	2	2WU	NO	NO	0.45	18	297	21	30
2021CPT.12.04.20232	Cleveland	12	SR 1569 (APPLETREE LN.)	SR 1554 TO DEAD END	1	2	2WU	NO	NO	0.25	18	165	12	18
2021CPT.12.04.20232	Cleveland	13	SR 1574 (CARPENTER KNOB DR.)	NC 10 TO DEAD END	1	2	2WU	NO	NO	0.36	18	237	17	31
2021CPT.12.04.20232	Cleveland	14	SR 1576 (FOREST MORRISON RD.)	NC 10 TO DEAD END	1	2	2WU	NO	NO	0.4	20	293	21	30
2021CPT.12.04.20232	Cleveland	15	SR 1986 (EAGLES TERRACE)	SR 1985 TO DEAD END	2	2	2WU	NO	NO	0.42	VAR. 24-25	373	26	10
2021CPT.12.04.20232	Cleveland	16	SR 1680 (STACEY ST.)	SR 1650 TO END MAINT AT MILE 0.29	1	2	2WU	NO	NO	0.29	18	191	13	25
2021CPT.12.04.20232	Cleveland	17	SR 1881 (PLEASANTDALE DR.)	NC 18 TO DEAD END	1	2	2WU	NO	NO	0.38	18	251	18	26
2021CPT.12.04.20232	Cleveland	18	SR 1933 (FRIENDSHIP RD.)	NC 180 TO END MAINT AT 0.38 MILE	1	2	2WU	NO	NO	0.38	18	251	18	
2021CPT.12.04.20232	Cleveland	19	SR 1983 (CAROL LYN DR.)	SR 1984 TO DEAD END	1	2	2WU	NO	NO	0.13	18	86	6	9
2021CPT.12.04.20232	Cleveland	20	SR 1984 (WILLCORT DR.)	SR 2245 TO DEAD END	1	2	2WU	NO	NO	0.14	18	92	6	9
2021CPT.12.04.20232	Cleveland	21	SR 1985 (DEER BROOK DR.)	NC 180 TO SR 1986	2	2	2WU	NO	NO	0.41	VAR. 24-25	365	26	27
2021CPT.12.04.20232	Cleveland	22	SR 2440 (GRIER ST.)	SR 2237 TO DEAD END	1	2	2WU	NO	NO	0.21	18	138	10	66
2021CPT.12.04.20232	Cleveland	23	SR 2186 (DOGWOOD LN.)	SR 2067 TO DEAD END	1	2	2WU	NO	NO	0.33	18	218	15	22
2021CPT.12.04.20232	Cleveland	24	SR 2187 (FAIRVIEW FARMS RD.)	SR 2186 TO END MAINT AT MILE 0.11	1	2	2WU	NO	NO	0.11	18	73	5	7
2021CPT.12.04.20232	Cleveland	25	SR 2203 (WARE RD.)	SR 2325 TO DEAD END	1	2	2WU	NO	NO	0.76	18	501	35	50
2021CPT.12.04.20232	Cleveland	26	SR 2204 (SYLVAN RD.)	SR 1103 TO END MAINT AT MILE 0.49	1	2	2WU	NO	NO	0.49	18	323	23	32
2021CPT.12.04.20232	Cleveland	27	SR 1987 (CADDIES CT.)	SR 1986 TO DEAD END	2	2	2WU	NO	NO	0.05	VAR. 24-25	44	3	3
2021CPT.12.04.20232	Cleveland	28	SR 2228 (MALLARD DR.)	SR 2226 TO END MAINT AT MILE 0.22	1	2	2WU	NO	NO	0.22	18	145	10	21
2021CPT.12.04.20232	Cleveland	29	SR 2232 (ROUNTREE RD.)	NC 226 TO END MAINT AT MILE 0.40	1	2	2WU	NO	NO	0.4	18	264	18	29
2021CPT.12.04.20232	Cleveland	30	SR 2259 (BAIN RD.)	SR 2263 TO DEAD END	1	2	2WU	NO	NO	0.17	18	112	8	12
2021CPT.12.04.20232	Cleveland	31	SR 2477 (ADELE LN.)	SR 2259 TO SR 2479	1	2	2WU	NO	NO	0.15	18	99	7	10
2021CPT.12.04.20232	Cleveland	32	SR 2479 (DREW CT.)	SR 2477 TO DEAD END	1	2	2WU	NO	NO	0.06	18	40	3	4
2021CPT.12.04.20232	Cleveland	33	SR 2522 (CAROL ST.)	NC 18 TO SR 2523	1	2	2WU	NO	NO	0.08	18	53	4	5
2021CPT.12.04.20232	Cleveland	34	SR 2523 (PECAN DR.)	SR 2522 TO SR 2551	1	2	2WU	NO	NO	0.5	18	330	23	33
2021CPT.12.04.20232	Cleveland	35	SR 2524 (RIDGEWOOD ST.)	NC 18 TO END MAINT AT MILE 0.33	1	2	2WU	NO	NO	0.33	18	218	15	22
2021CPT.12.04.20232	Cleveland	36	SR 2551 (PINEBURR DR.)	SR 2524 TO SR 2523	1	2	2WU	NO	NO	0.23	18	152	11	16
<b>TOTAL FOR PROJ NO. 2021CPT.12.04.20232</b>											<b>12.91</b>	<b>8,884</b>	<b>623</b>	<b>1,113</b>
<b>GRAND TOTAL</b>											<b>12.91</b>	<b>8,884</b>	<b>623</b>	<b>1,113</b>

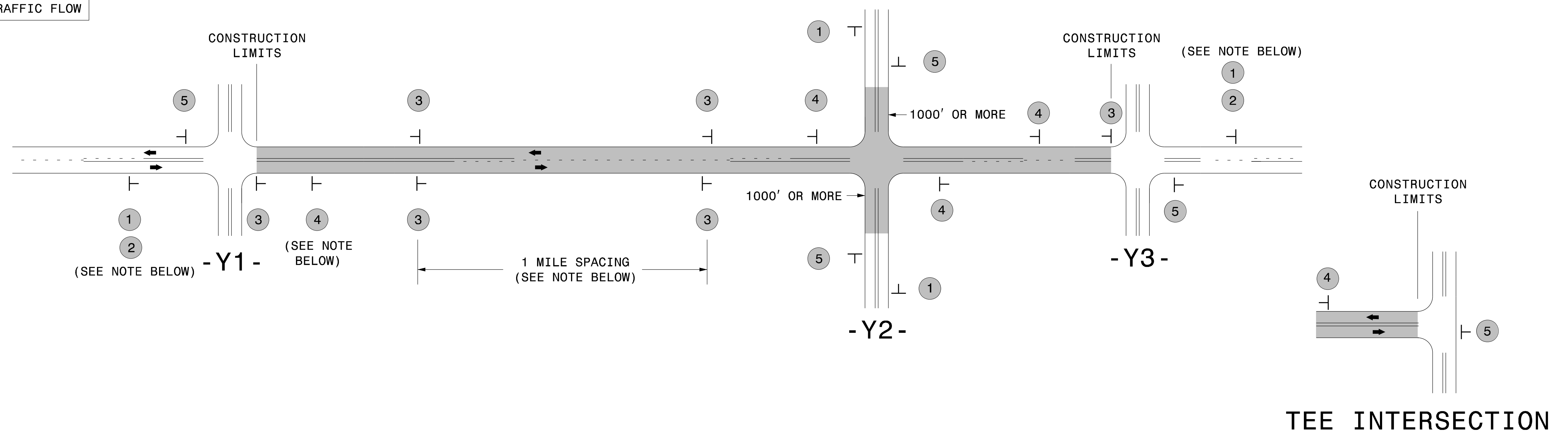
PROJECT NO.	SHEET NO.	TOTAL NO.
2021CPT.12.04.20232	11	

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH		WIDTH	4413000000-E	4810000000-E	4810000000-E	4457000000-N
								MI	FT		WORK ZONE ADVANCE/GENERAL WARNING SIGNING	4" WHITE PAINT	4" YELLOW PAINT	WORK ZONE TRAFFIC CONTROL
											SF	LF	LF	LS
2021CPT.12.04.20232	Cleveland	1	SR 1129 (EMERALD MINE RD.)	SR 2522 TO DEAD END	1	2	2WU	1.34	18		212	28,837	28,837	*
2021CPT.12.04.20232	Cleveland	2	SR 1232 (CARMEL DR.)	NC 180 TO DEAD END	1	2	2WU	0.37	18		84	7,962	7,962	*
2021CPT.12.04.20232	Cleveland	3	SR 1236 (IDLEWILD DR.)	NC 180 TO DEAD END	1	2	2WU	0.18	18		84			*
2021CPT.12.04.20232	Cleveland	4	SR 1243 (PETERSON DR.)	SR 1104 TO SR 1236	1	2	2WU	0.26	18		84			*
2021CPT.12.04.20232	Cleveland	5	SR 1258 (FROST PL.)	SR 1123 TO SR 1259	1	2	2WU	0.14	18		84			*
2021CPT.12.04.20232	Cleveland	6	SR 1259 (HILLWOOD ST.)	SR 1151 TO DEAD END	1	2	2WU	0.15	18		84			*
2021CPT.12.04.20232	Cleveland	7	SR 1341 (KINGSTON RD.)	SR 1337 TO SR 1350	1	2	2WU	1.88	20		116	40,458	40,458	*
2021CPT.12.04.20232	Cleveland	8	SR 1374 (ELLIOT DR.)	SR 1361 TO SR 1375	1	2	2WU	0.2	18		132	4,304	4,304	*
2021CPT.12.04.20232	Cleveland	9	SR 1375 (SHYTLER DR.)	NC 226 TO DEAD END	1	2	2WU	0.24	18		132	5,165	5,165	*
2021CPT.12.04.20232	Cleveland	10	SR 1384 (N. CIRCLE DR.)	NC 226 TO SR 1361	1	2	2WU	0.45	18		180	9,684	9,684	*
2021CPT.12.04.20232	Cleveland	11	SR 1404 (S. WITHROW DR.)	NC 226 TO NC 226	1	2	2WU	0.45	18		180	9,684	9,684	*
2021CPT.12.04.20232	Cleveland	12	SR 1569 (APPLETREE LN.)	SR 1554 TO DEAD END	1	2	2WU	0.25	18		84	5,380	5,380	*
2021CPT.12.04.20232	Cleveland	13	SR 1574 (CARPENTER KNOB DR.)	NC 10 TO DEAD END	1	2	2WU	0.36	18		84			*
2021CPT.12.04.20232	Cleveland	14	SR 1576 (FOREST MORRISON RD.)	NC 10 TO DEAD END	1	2	2WU	0.4	20		84			*
2021CPT.12.04.20232	Cleveland	15	SR 1986 (EAGLES TERRACE)	SR 1985 TO DEAD END	2	2	2WU	0.42	VAR. 24-25		84			*
2021CPT.12.04.20232	Cleveland	16	SR 1680 (STACEY ST.)	SR 1650 TO END MAINT AT MILE 0.29	1	2	2WU	0.29	18		84			*
2021CPT.12.04.20232	Cleveland	17	SR 1881 (PLEASANTDALE DR.)	NC 18 TO DEAD END	1	2	2WU	0.38	18		84	8,178	8,178	*
2021CPT.12.04.20232	Cleveland	18	SR 1933 (FRIENDSHIP RD.)	NC 180 TO END MAINT AT 0.38 MILE	1	2	2WU	0.38	18		84	7,962	7,962	*
2021CPT.12.04.20232	Cleveland	19	SR 1983 (CAROL LYN DR.)	SR 1984 TO DEAD END	1	2	2WU	0.13	18		84			*
2021CPT.12.04.20232	Cleveland	20	SR 1984 (WILLCORT DR.)	SR 2245 TO DEAD END	1	2	2WU	0.14	18		84			*
2021CPT.12.04.20232	Cleveland	21	SR 1985 (DEER BROOK DR.)	NC 180 TO SR 1986	2	2	2WU	0.41	VAR. 24-25		84			*
2021CPT.12.04.20232	Cleveland	22	SR 2440 (GRIER ST.)	SR 2237 TO DEAD END	1	2	2WU	0.21	18		84			*
2021CPT.12.04.20232	Cleveland	23	SR 2186 (DOGWOOD LN.)	SR 2067 TO DEAD END	1	2	2WU	0.33	18		84			*
2021CPT.12.04.20232	Cleveland	24	SR 2187 (FAIRVIEW FARMS RD.)	SR 2186 TO END MAINT AT MILE 0.11	1	2	2WU	0.11	18		84			*
2021CPT.12.04.20232	Cleveland	25	SR 2203 (WARE RD.)	SR 2325 TO DEAD END	1	2	2WU	0.76	18		84	16,355	16,355	*
2021CPT.12.04.20232	Cleveland	26	SR 2204 (SYLVAN RD.)	SR 1103 TO END MAINT AT MILE 0.49	1	2	2WU	0.49	18		84	10,545	10,545	*
2021CPT.12.04.20232	Cleveland	27	SR 1987 (CADDIES CT.)	SR 1986 TO DEAD END	2	2	2WU	0.05	VAR. 24-25		84			*
2021CPT.12.04.20232	Cleveland	28	SR 2228 (MALLARD DR.)	SR 2226 TO END MAINT AT MILE 0.22	1	2	2WU	0.22	18		84			*
2021CPT.12.04.20232	Cleveland	29	SR 2232 (ROUNTREE RD.)	NC 226 TO END MAINT AT MILE 0.40	1	2	2WU	0.4	18		84			*
2021CPT.12.04.20232	Cleveland	30	SR 2259 (BAIN RD.)	SR 2263 TO DEAD END	1	2	2WU	0.17	18		84			*
2021CPT.12.04.20232	Cleveland	31	SR 2477 (ADELE LN.)	SR 2259 TO SR 2479	1	2	2WU	0.15	18		84			*
2021CPT.12.04.20232	Cleveland	32	SR 2479 (DREW CT.)	SR 2477 TO DEAD END	1	2	2WU	0.06	18		84			*
2021CPT.12.04.20232	Cleveland	33	SR 2522 (CAROL ST.)	NC 18 TO SR 2523	1	2	2WU	0.08	18		84	1,722	1,722	*
2021CPT.12.04.20232	Cleveland	34	SR 2523 (PECAN DR.)	SR 2522 TO SR 2551	1	2	2WU	0.5	18		84	10,760	10,760	*
2021CPT.12.04.20232	Cleveland	35	SR 2524 (RIDGEWOOD ST.)	NC 18 TO END MAINT AT MILE 0.33	1	2	2WU	0.33	18		84	7,102	7,102	*
2021CPT.12.04.20232	Cleveland	36	SR 2551 (PINEBURR DR.)	SR 2524 TO SR 2523	1	2	2WU	0.23	18		84	4,950	4,950	*
<b>TOTAL FOR PROJ NO. 2021CPT.12.04.20232</b>								<b>12.91</b>			<b>3,472</b>	<b>179,048</b>	<b>179,048</b>	<b>*</b>
<b>GRAND TOTAL</b>								<b>12.91</b>			<b>3,472</b>	<b>179,048</b>	<b>179,048</b>	<b>1</b>

# SIGNING FOR RESURFACING PROJECTS

**LEGEND**  
 ┆ STATIONARY SIGN  
 ← DIRECTION OF TRAFFIC FLOW



## MAINLINE (-L-) SIGNING

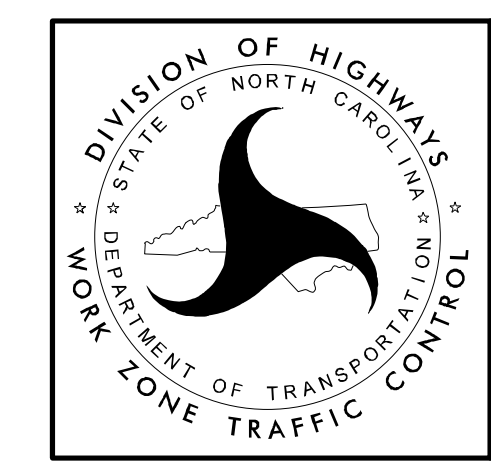
## -Y- LINE SIGNING

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>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> <li>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>2) SUBDIVISION ROADS</li> <li>3) DEAD END ROADS</li> </ol> <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;"> <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		#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)	
	3		- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 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. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
	5		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 RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.



**ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING**

5/15/2017 S:\TUXWZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing\_AdvWarn\_2Ln.dgn User:kadai