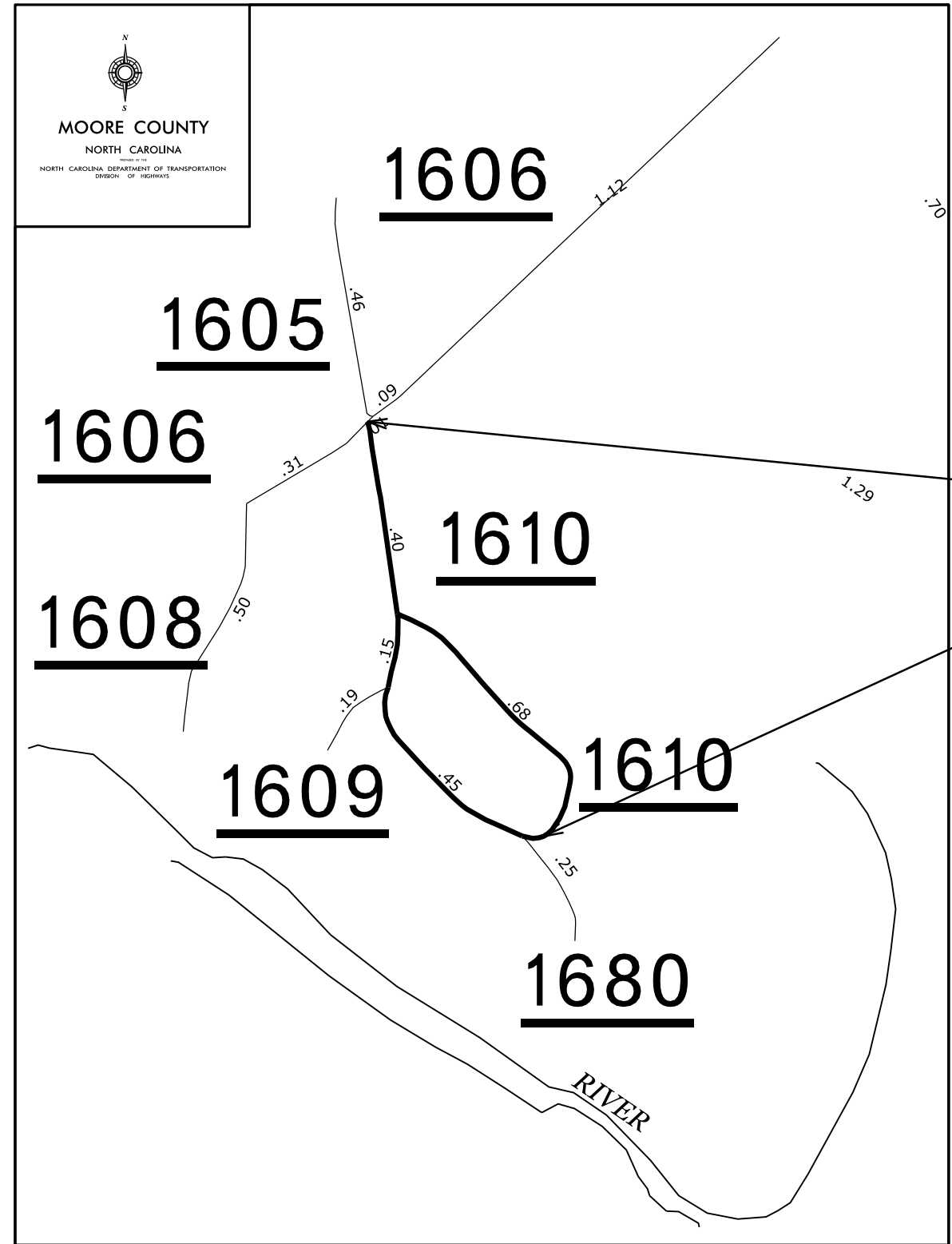
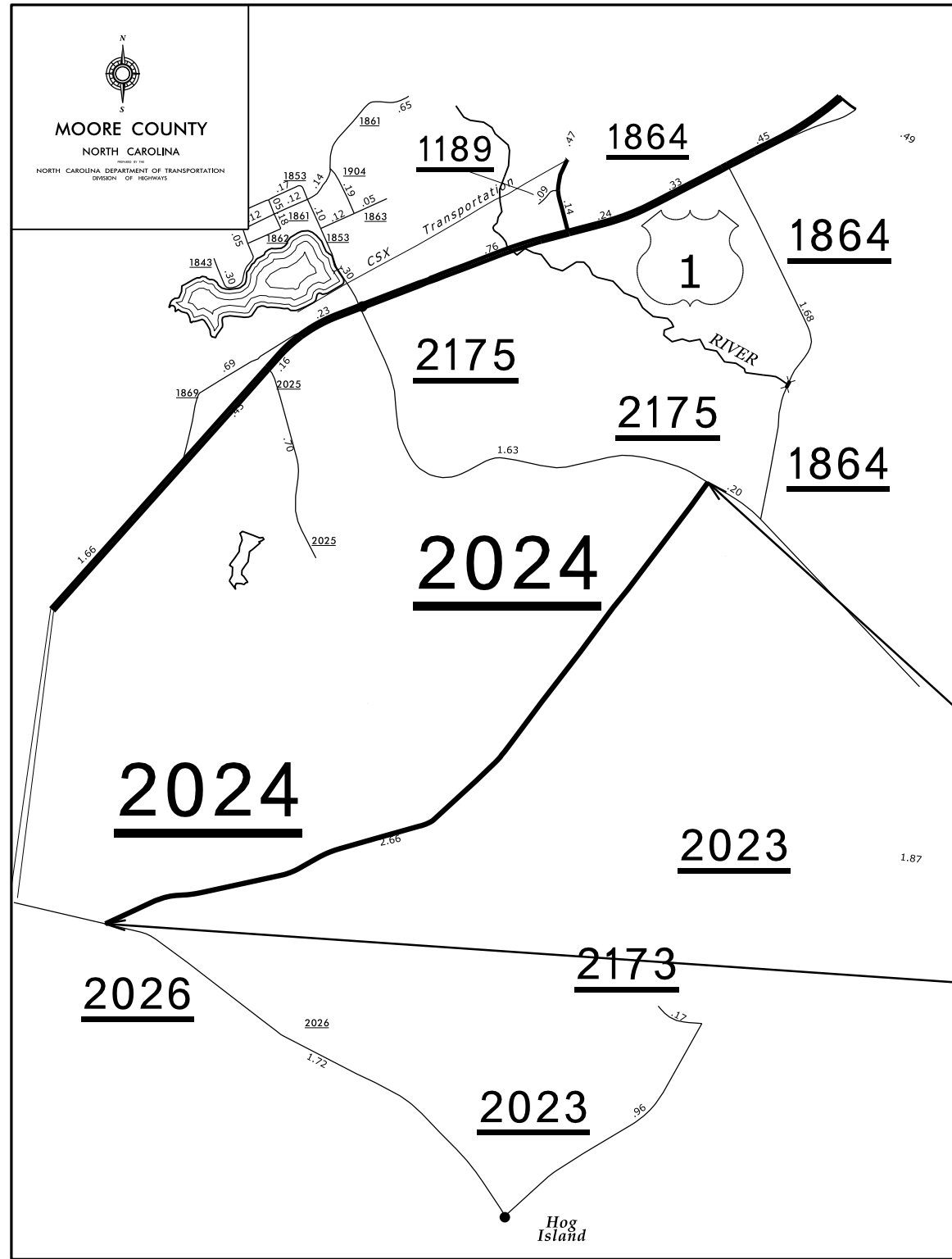
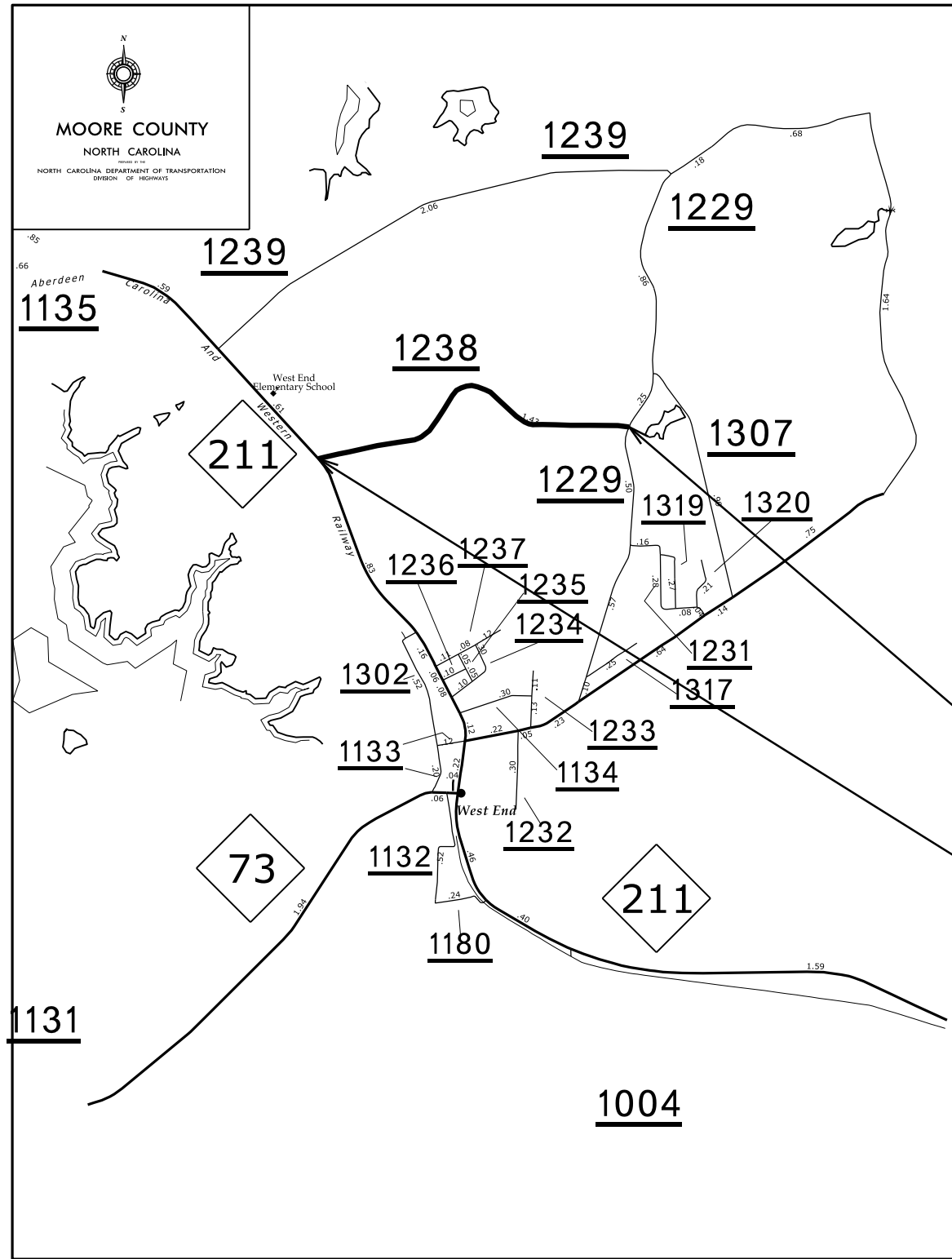


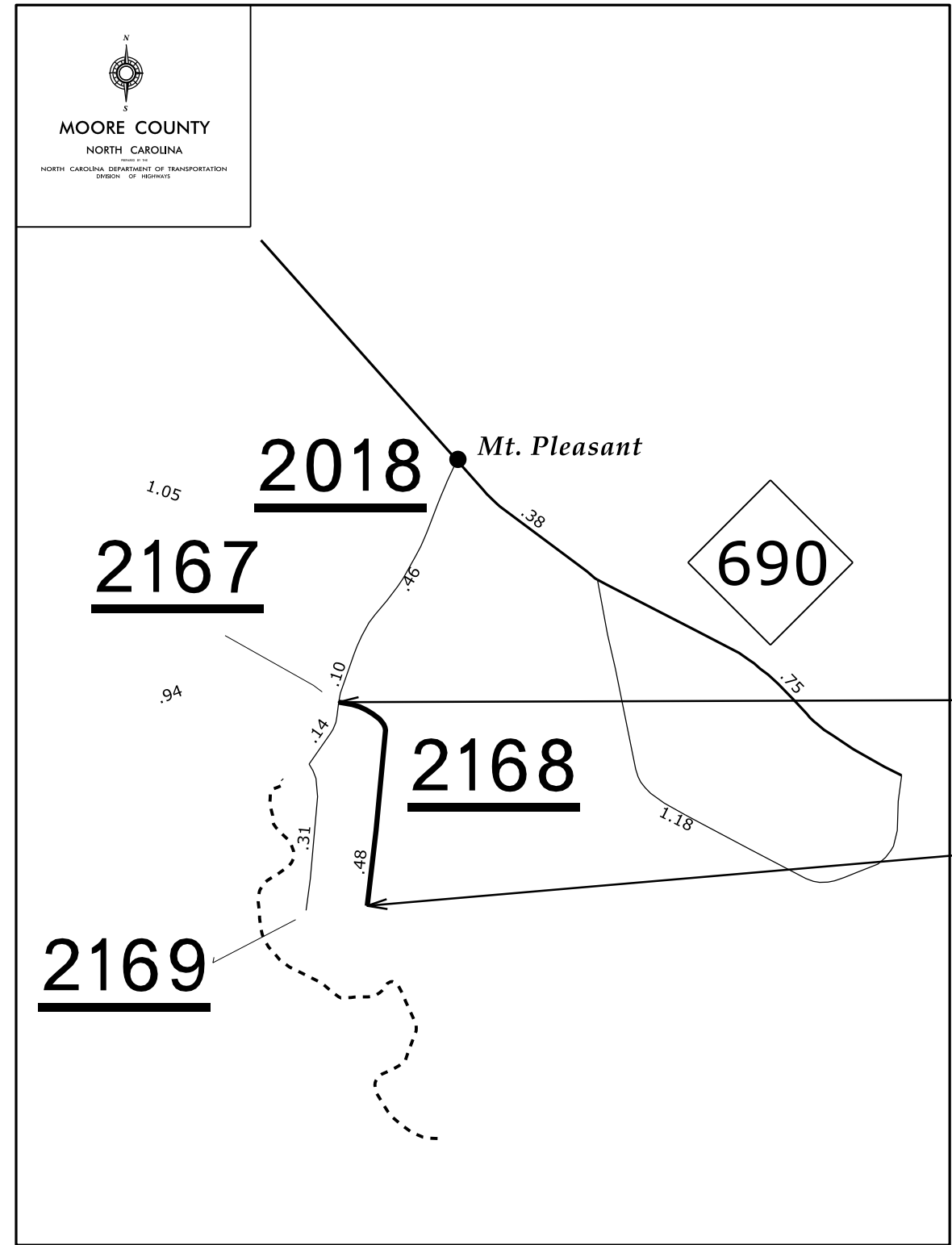
# MOORE COUNTY AST

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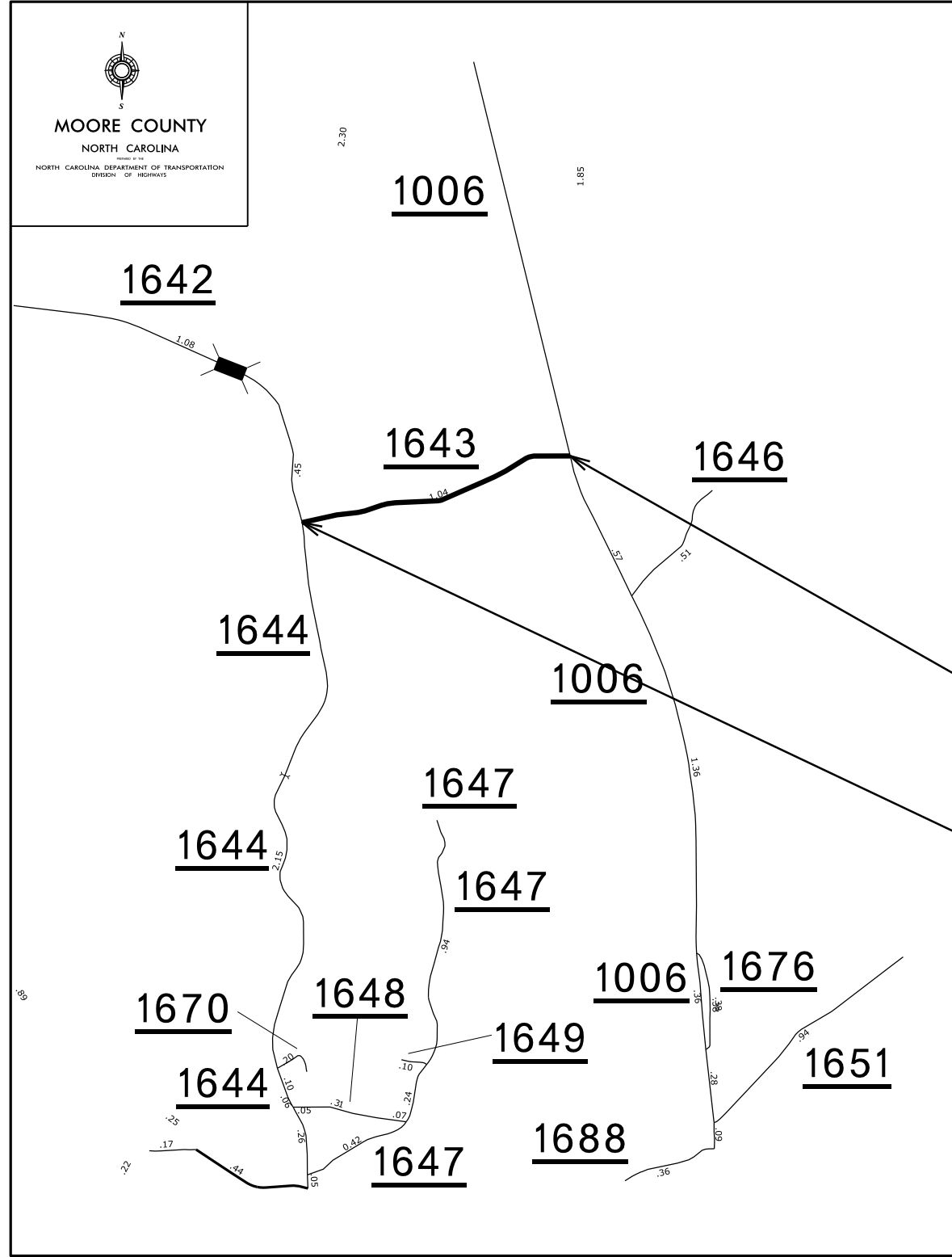
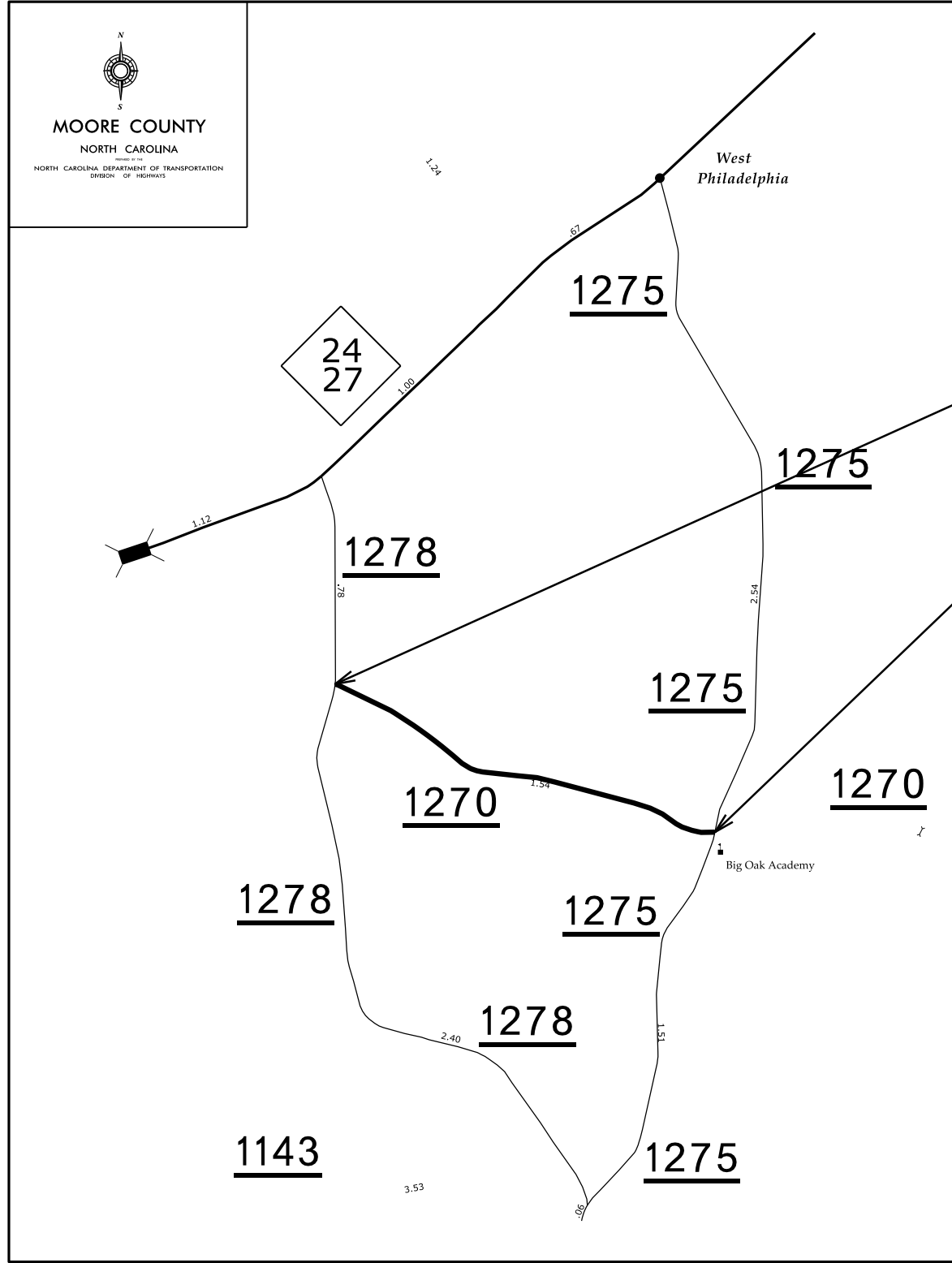


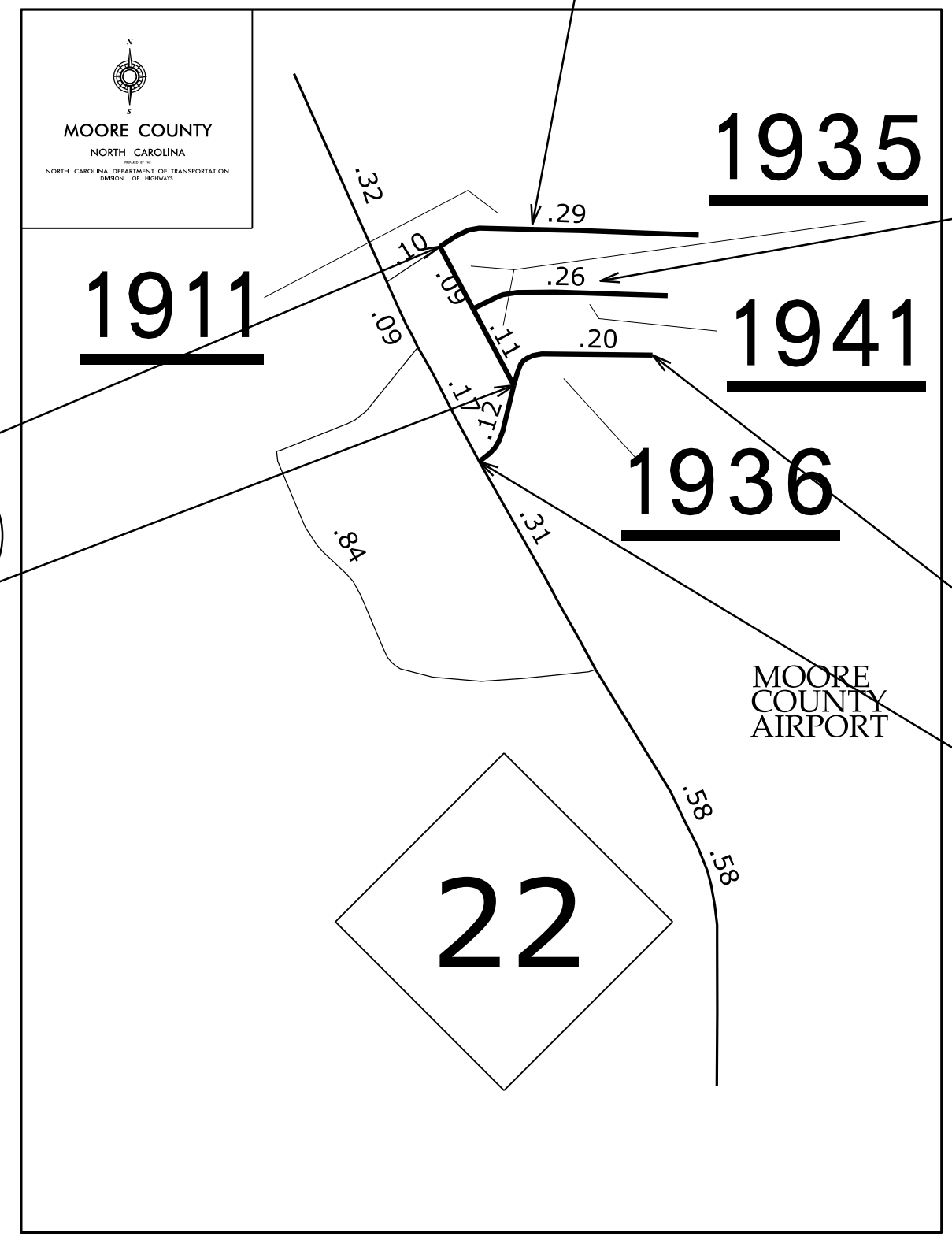
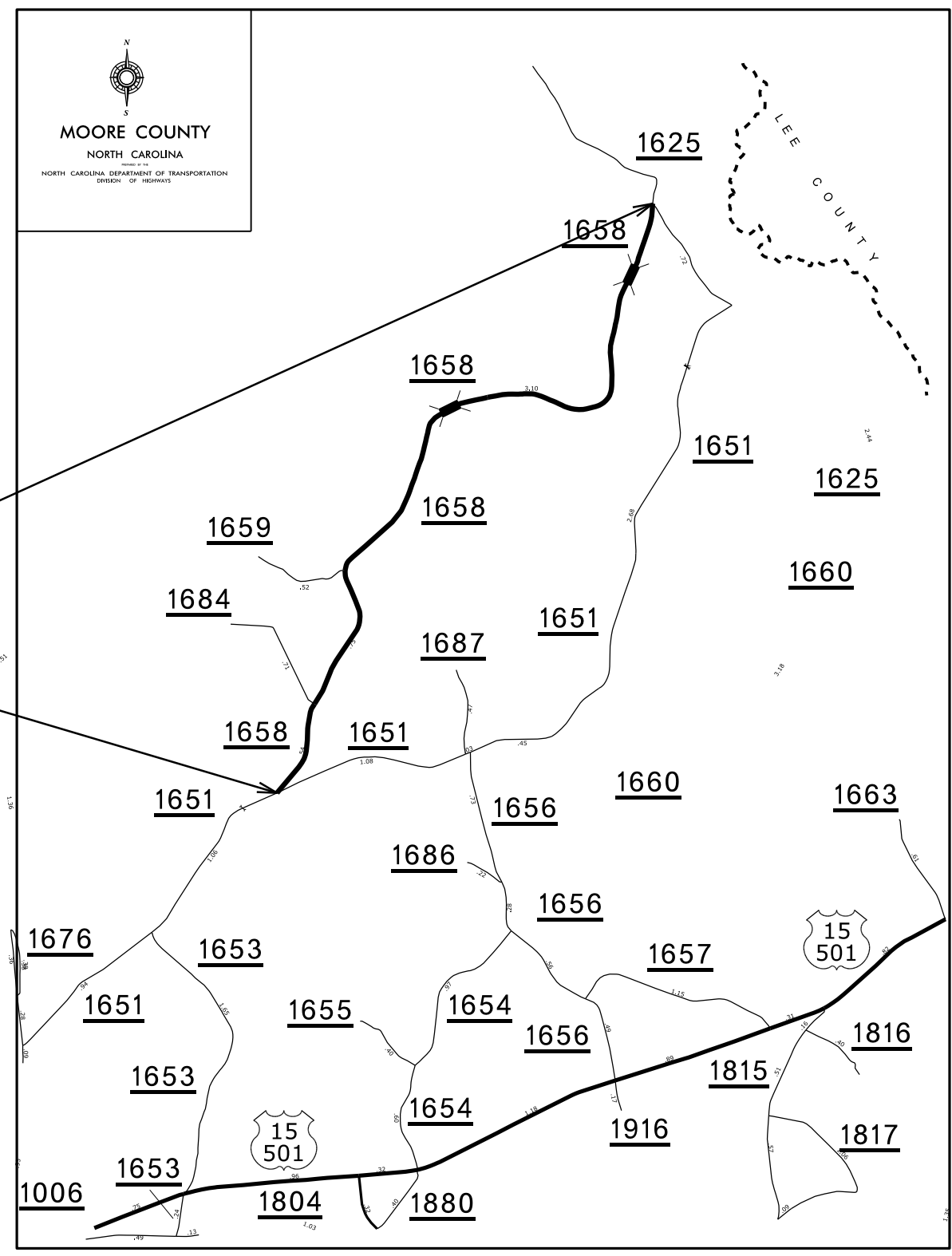


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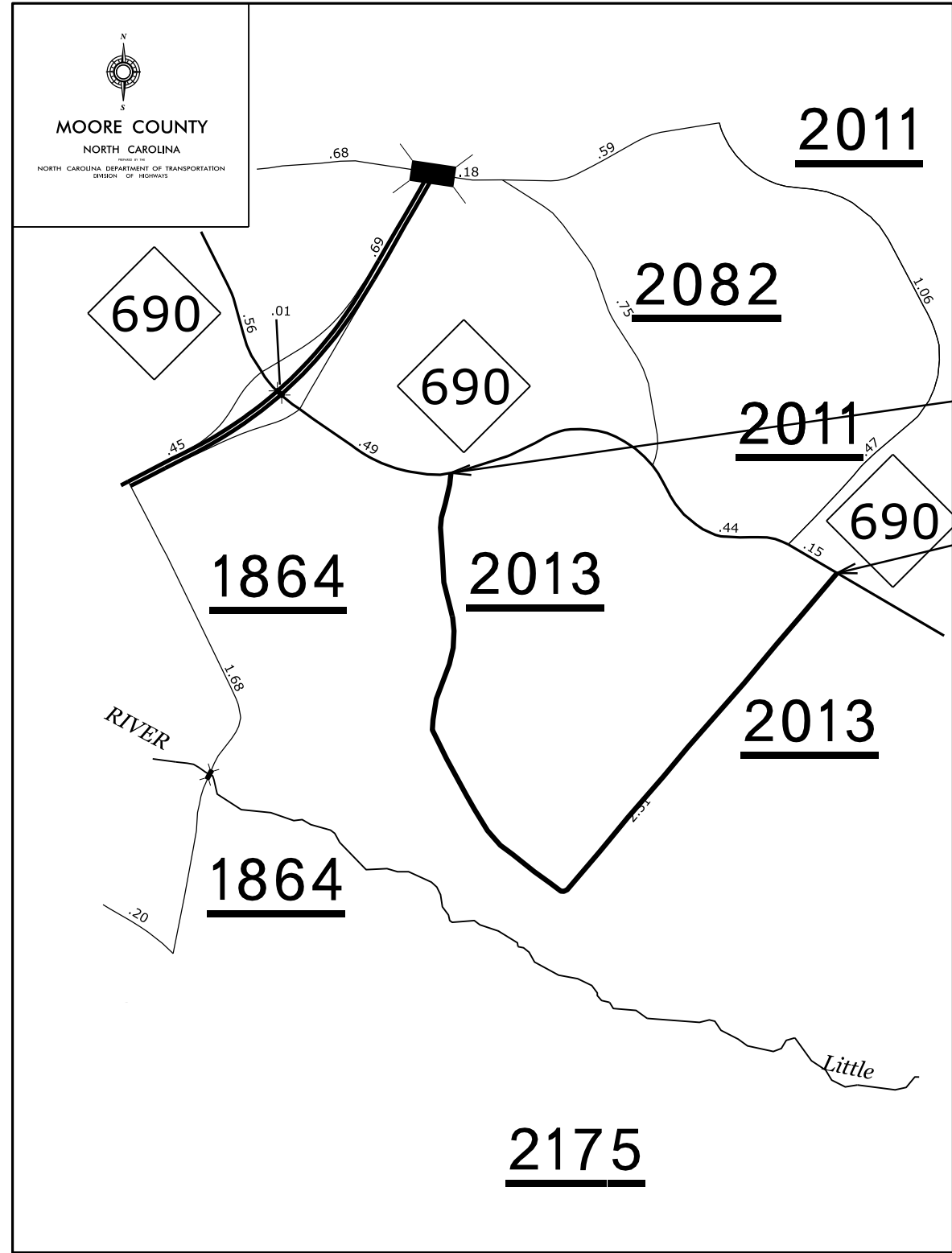
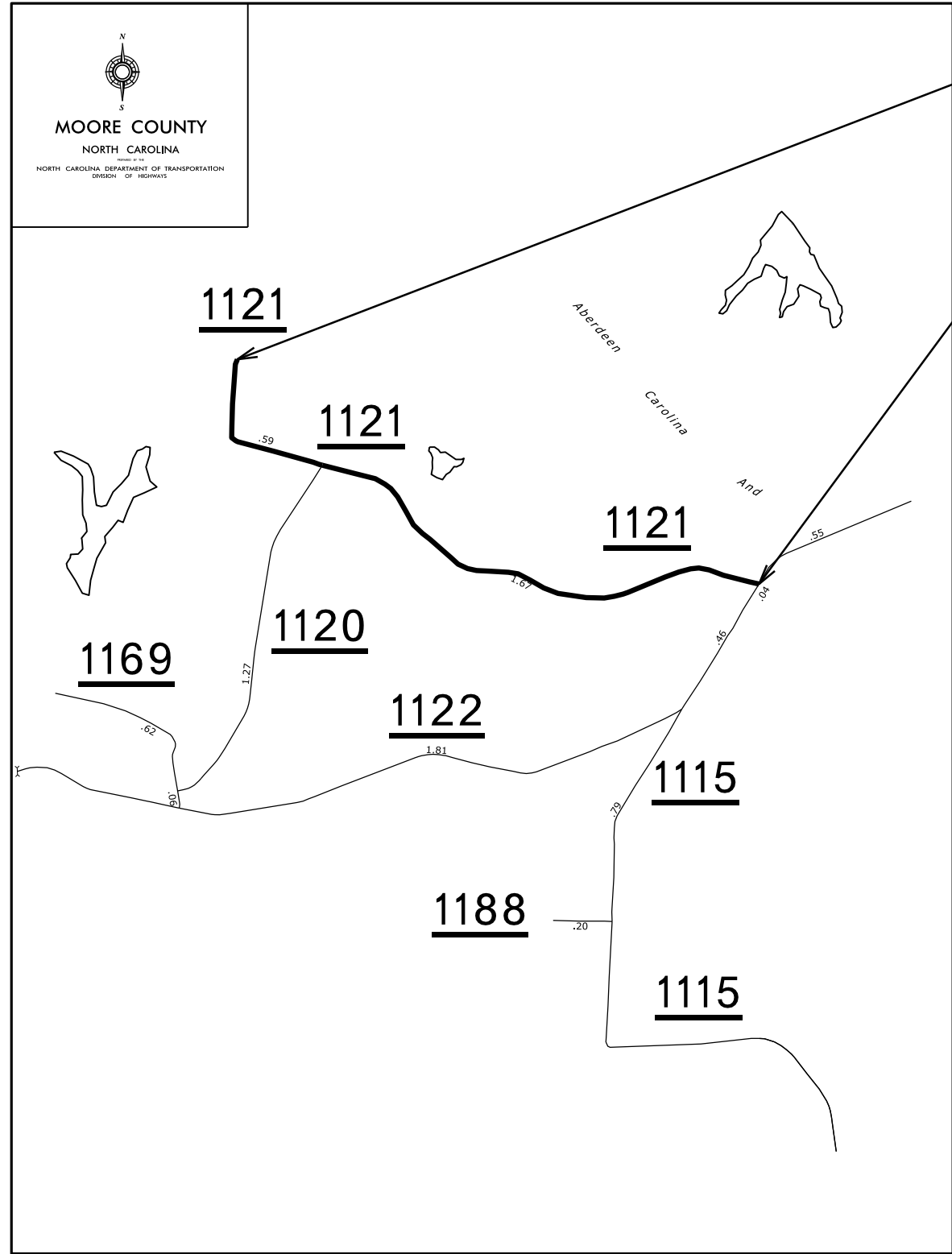
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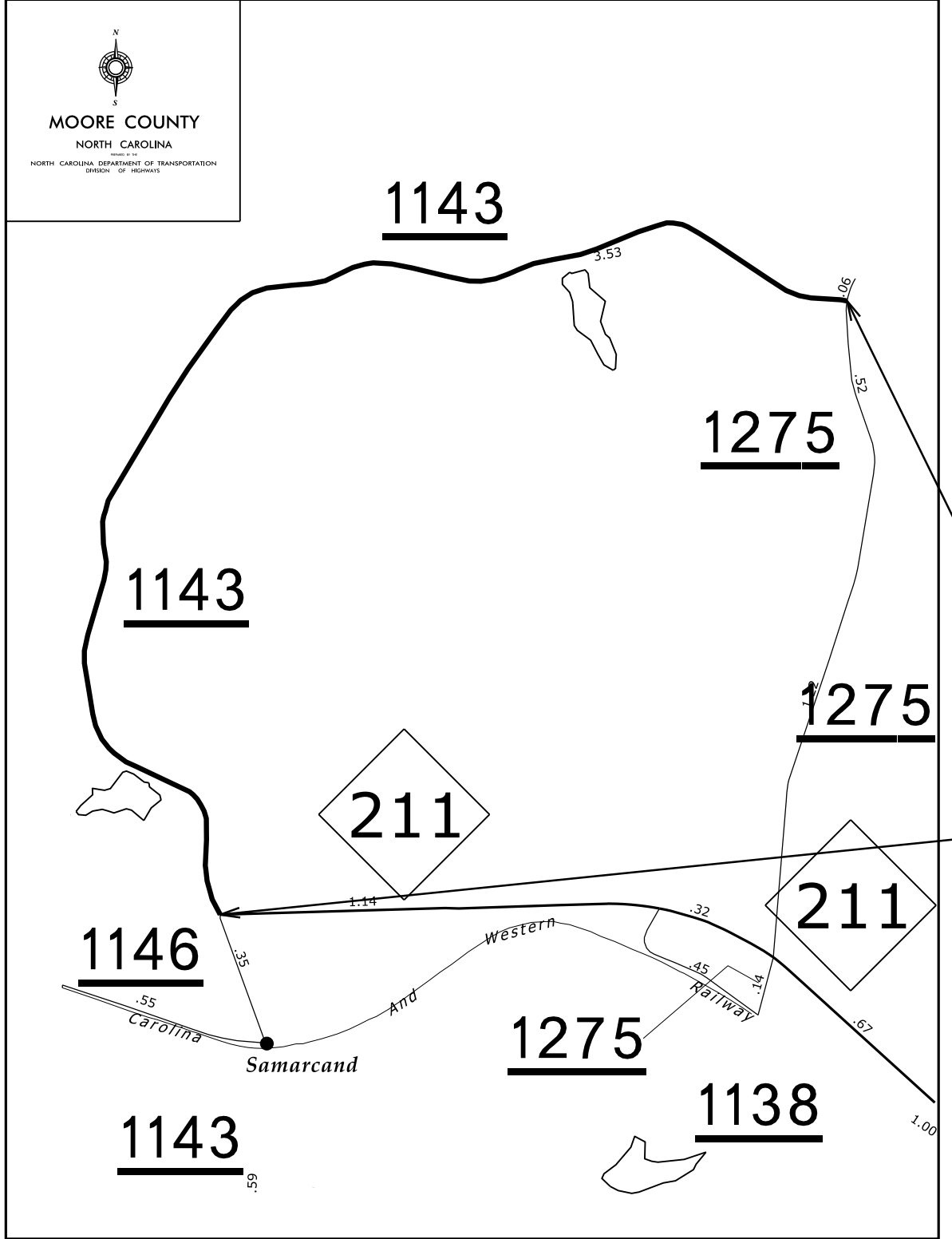
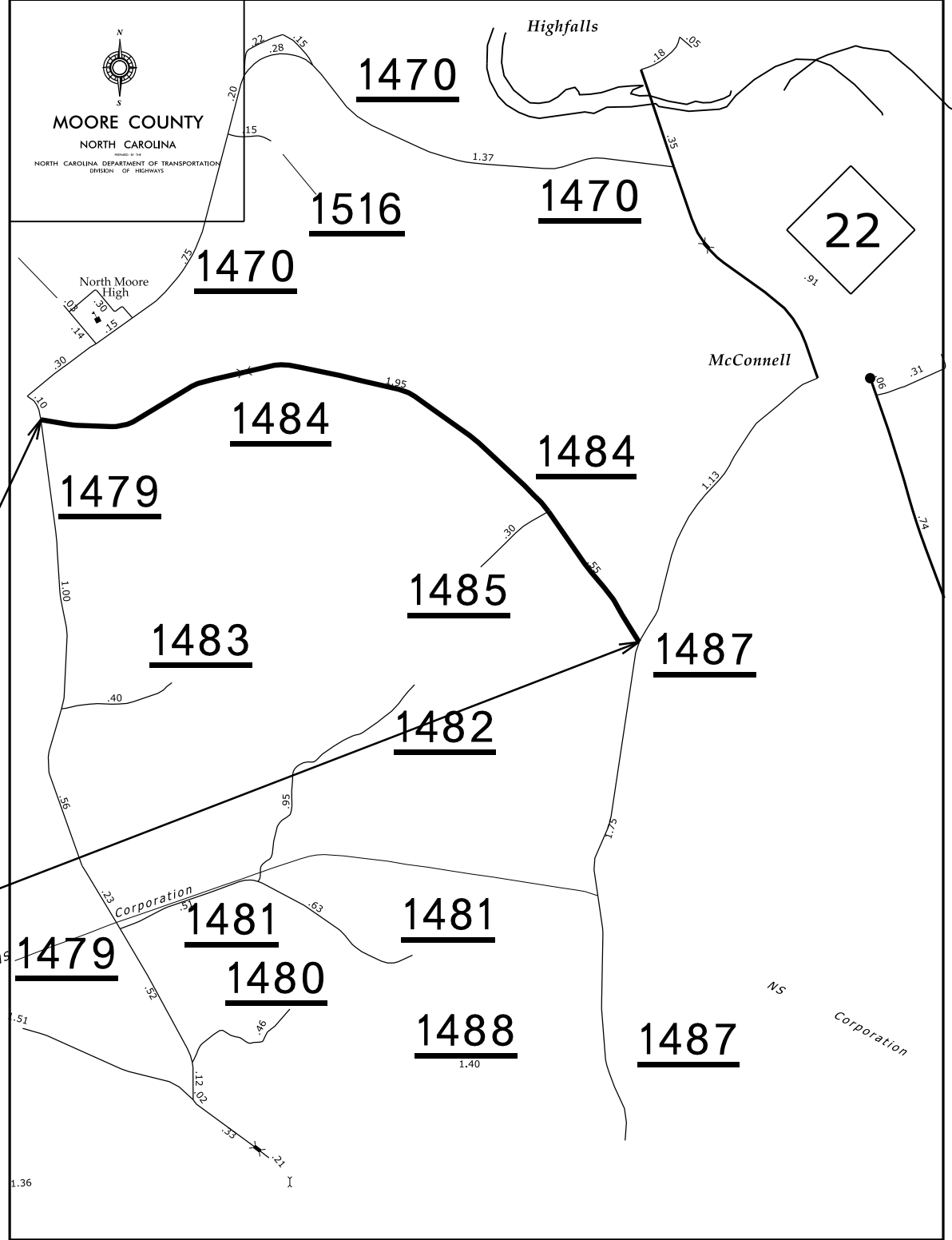
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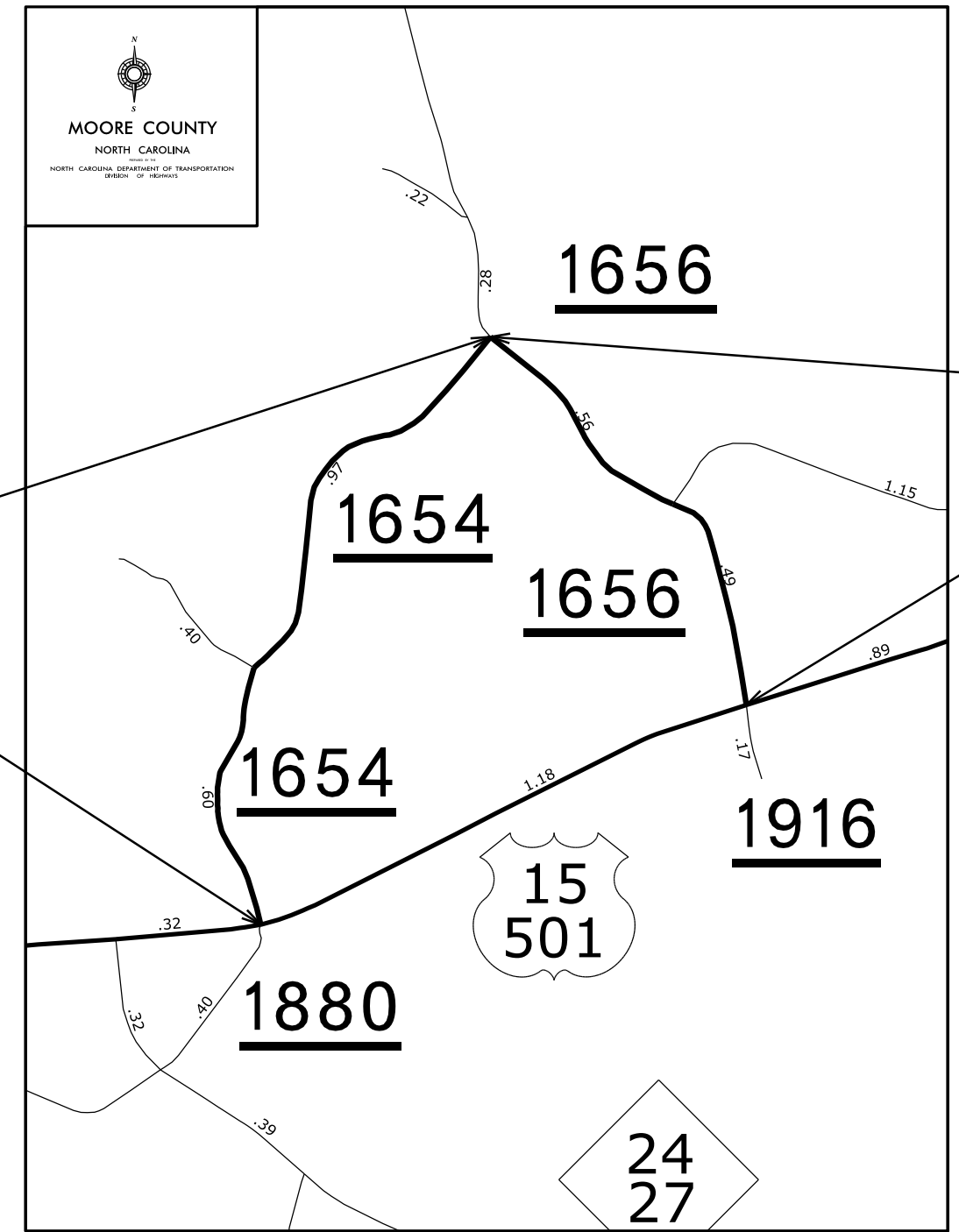
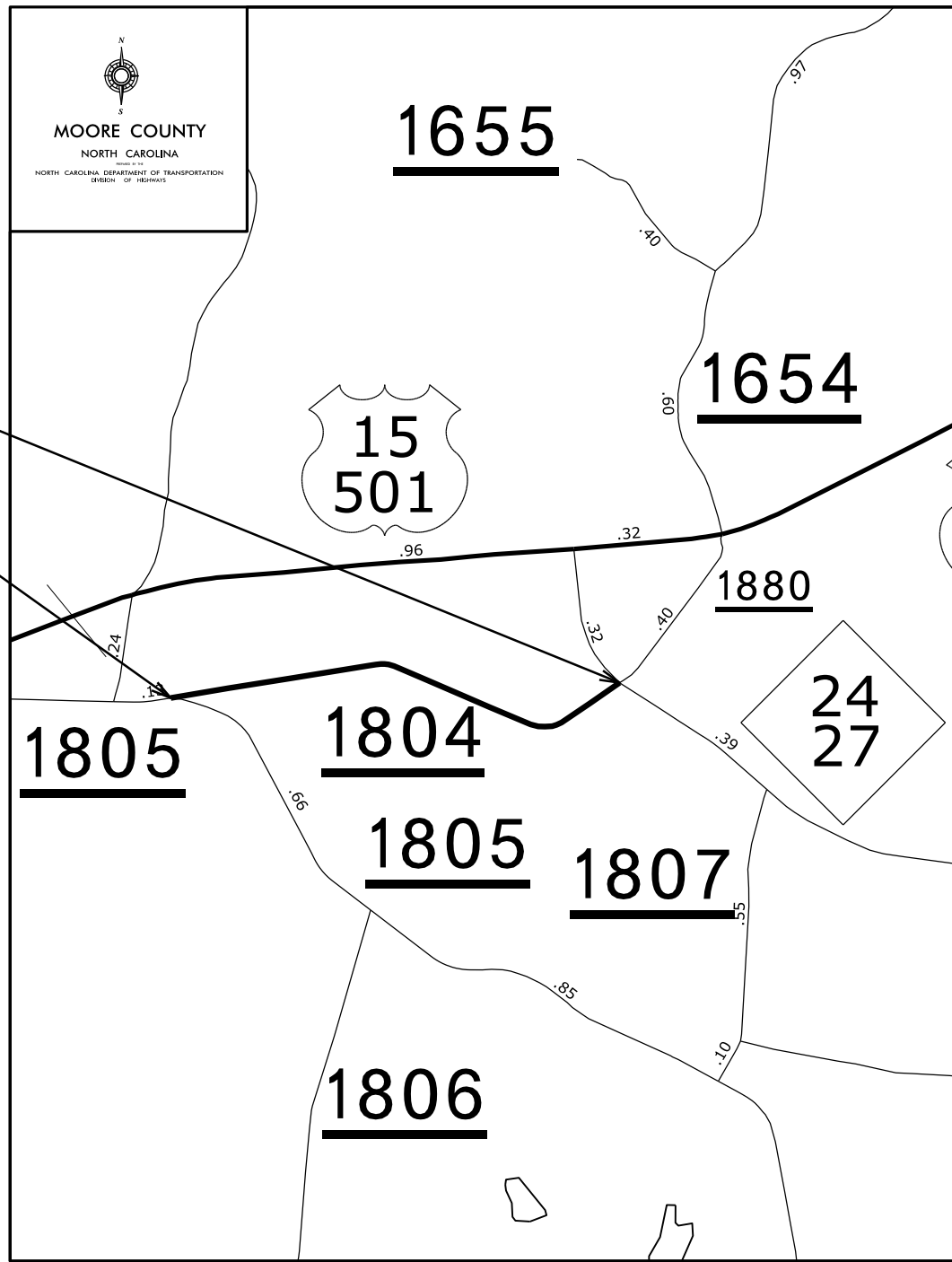
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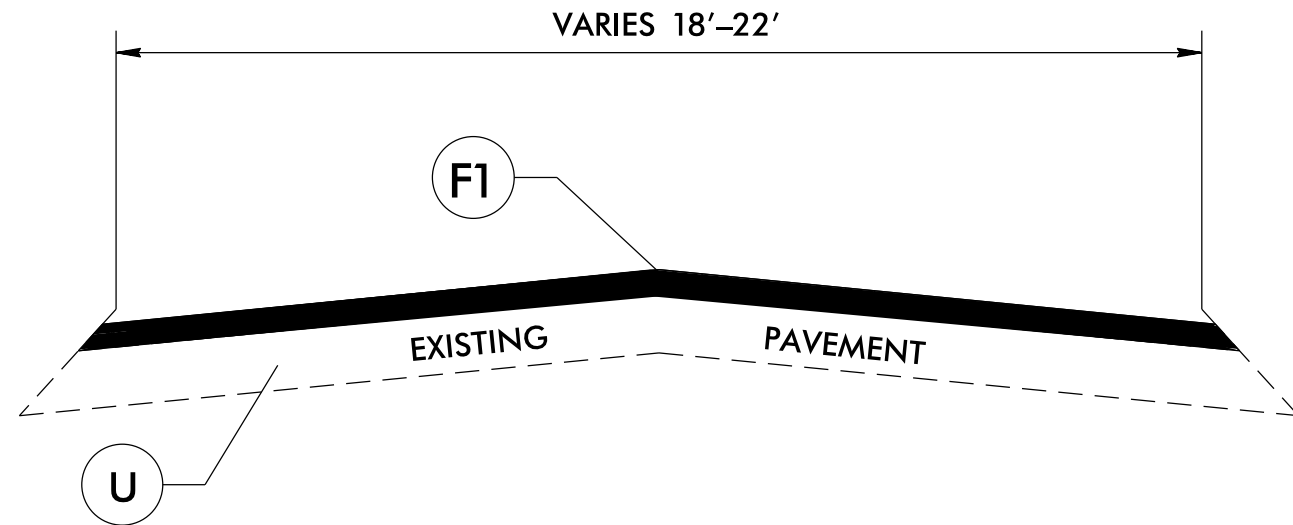




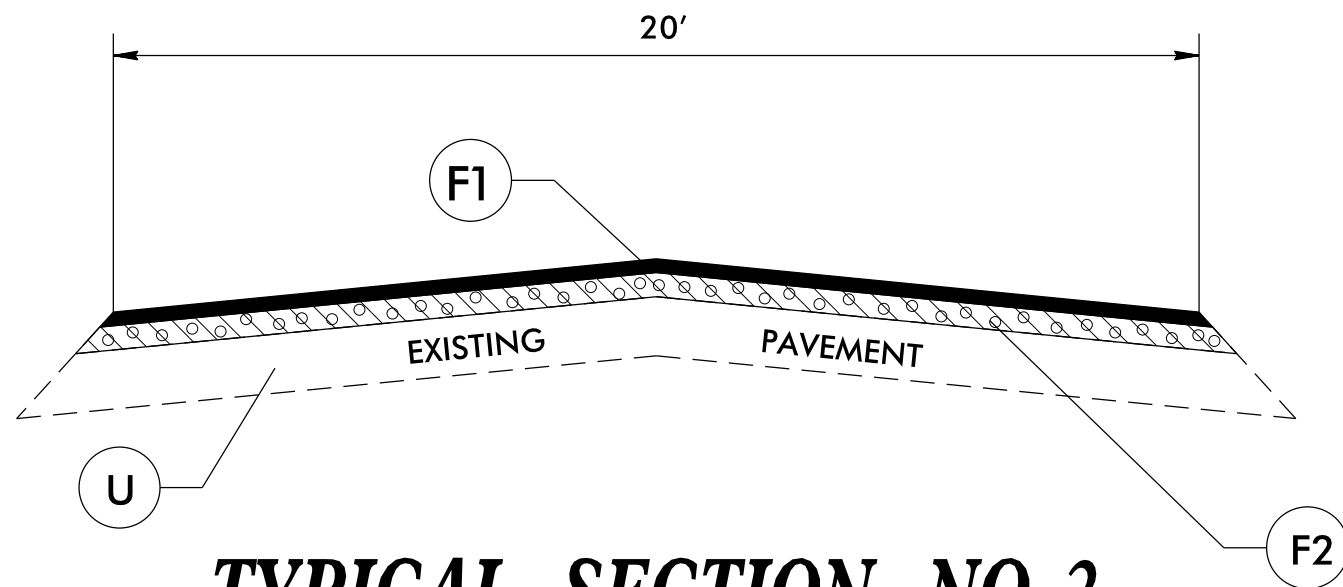
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***TYPICAL SECTION NO. 1***



***TYPICAL SECTION NO. 2***

**PAVEMENT SCHEDULE**

F1	PROP. ASPHALT SURFACE TREATMENT DOUBLE SEAL
F2	PROP. ASPHALT SURFACE TREATMENT, FOG SEAL
U	EXISTING PAVEMENT

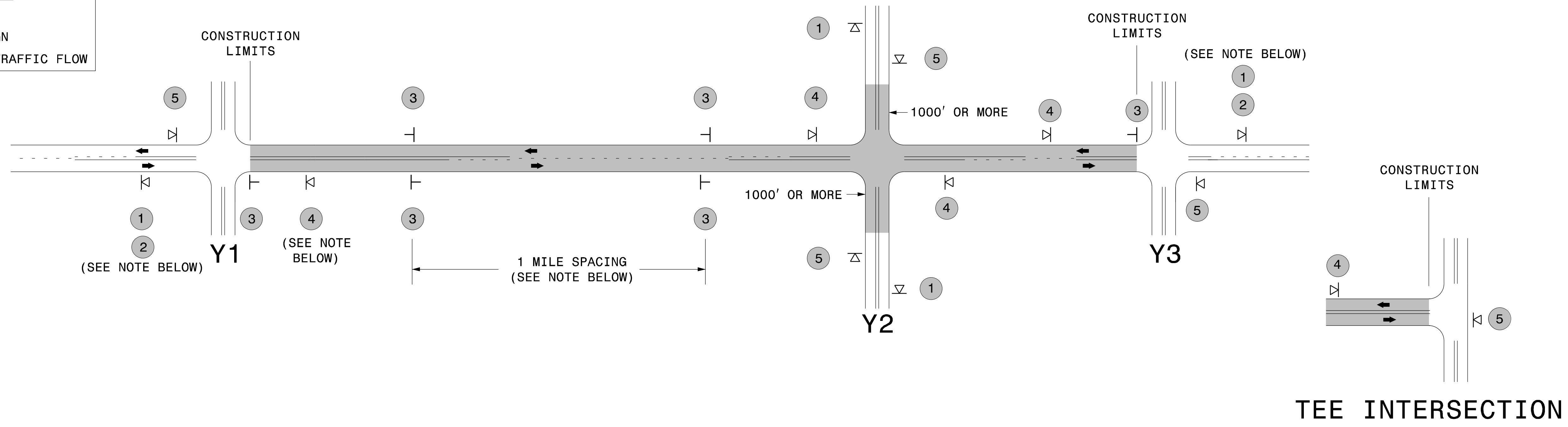
**PROJECT NOTES**

- INCLUDE AST DOUBLE SEAL ON MAP 7 SR 1658 WADSWORTH RD BRIDGES #46 & #47, MAP 14 SR 1484 RITTER RD BRIDGE #178.

## SIGNING FOR ASPHALT SURFACE TREATMENT

**LEGEND**

- ◻ PORTABLE SIGN
- ┌ STATIONARY SIGN
- ← DIRECTION OF TRAFFIC FLOW



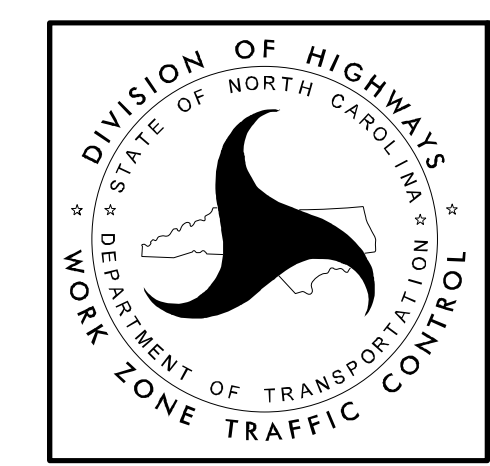
### MAINLINE (-L-) SIGNING

### -Y- LINE SIGNING

<b>SIGNING NOTES AND PLACEMENT PER DIRECTION</b>	1	 	<ul style="list-style-type: none"> <li>- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</li> <li>- 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.</li> </ul>	<p><b>STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS:</b></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; 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>
	3	 	<ul style="list-style-type: none"> <li>- ALTERNATE THE FOLLOWING TWO SIGNS:</li> <li>- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</li> <li>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.</li> <li>- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</li> </ul>	
	4		<ul style="list-style-type: none"> <li>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</li> <li>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</li> <li>- 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.</li> <li>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</li> </ul>	
	5		<ul style="list-style-type: none"> <li>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</li> </ul>	
	<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**

5/12/2017 S:\TUXWZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing\_AdvWarn\_2Ln - AST.dgn User:kadai

PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.08.22.20632	11	

## 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	1704000000-E	1803500000-E	1820000000-E	1838000000-E	1838500000-N	2143000000-E		
												PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, FOG SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	VACUUM TRUCK	BLOTTING SAND		
												MI	FT	TONS	SY	SY	GAL	WK	TON
2022CPT.08.22.20632	Moore	1	SR 2024 (FURR RD)	FROM SR 2175 (AIKEN RD) TO SR 2026 ( YOUNGS RDO	1	2	2WU	NO	NO	2.65	20	50	31,093.00		17,101				
<b>TOTAL FOR MAP NO. 1</b>												<b>2.65</b>	<b>50</b>	<b>31,093.00</b>		<b>17,101</b>			
2022CPT.08.22.20632	Moore	2	SR 1610 (TWO MILE CIRCLE RD)	FROM SR 1606 (RIVER RD) TO SR 1610 (TWO MILE CIRCLE RD)	1	2	2WU	NO	NO	1.68	20	75	19,712.00		10,841				
<b>TOTAL FOR MAP NO. 2</b>												<b>1.68</b>	<b>75</b>	<b>19,712.00</b>		<b>10,841</b>			
2022CPT.08.22.20632	Moore	3	SR 1238 (LOVE GROVE CH RD)	FROM NC 211 TO SR 1229 (CARTHAGE RD)	1	2	2WU	NO	NO	1.43	20	70	16,778.00		9,227				
<b>TOTAL FOR MAP NO. 3</b>												<b>1.43</b>	<b>70</b>	<b>16,778.00</b>		<b>9,227</b>			
2022CPT.08.22.20632	Moore	4	SR 2168 (CREEK BEND RD)	FROM SR 2167 (MCPHERSON RD) TO DEAD END	1	2	2WU	NO	NO	0.48	20	50	5,632.00		3,097				
<b>TOTAL FOR MAP NO. 4</b>												<b>0.48</b>	<b>50</b>	<b>5,632.00</b>		<b>3,097</b>			
2022CPT.08.22.20632	Moore	5	SR 1270 (BENSALEM CH RD)	FROM SR 2178 (MCDUFFIE RD) TO SR 1275 (BIG OAK CH RD)	1	2	2WU	NO	NO	1.55	20	50	18,069.00		9,938				
<b>TOTAL FOR MAP NO. 5</b>												<b>1.55</b>	<b>50</b>	<b>18,069.00</b>		<b>9,938</b>			
2022CPT.08.22.20632	Moore	6	SR 1643 (BRADY RD)	FROM SR 1644 (OLD GLENDON RD) TO SR 1006 (GLENDON CARTHAGE RD)	1	2	2WU	NO	NO	1.04	20	75	12,202.00		6,711				
<b>TOTAL FOR MAP NO. 6</b>												<b>1.04</b>	<b>75</b>	<b>12,202.00</b>		<b>6,711</b>			
2022CPT.08.22.20632	Moore	7	SR 1658 (WADSWORTH RD)	FROM SR 1651 (OLD RIVER RD) TO SR 1625 (UNDERWOOD RD)	1	2	2WU	NO	NO	4.43	20	200	51,978.00		28,588				
<b>TOTAL FOR MAP NO. 7</b>												<b>4.43</b>	<b>200</b>	<b>51,978.00</b>		<b>28,588</b>			
2022CPT.08.22.20632	Moore	8	SR 1911 (SULLIVAN DR)	FROM SR 1935 (RAVENGLASS DR TO END STATE MAINT.	2	2	2WU	NO	NO	0.43	20	30	5,045.00	5,045.00	2,774				
<b>TOTAL FOR MAP NO. 8</b>												<b>0.43</b>	<b>30</b>	<b>5,045.00</b>	<b>5,045.00</b>	<b>2,774</b>			
2022CPT.08.22.20632	Moore	9	SR 1935 (RAVENGLASS DR)	FROM SR 1911 (SULLIVAN DR) TO SR 1936 (BELLHAVEN DR)	2	2	2WU	NO	NO	0.21	20	50	2,464.00	2,464.00	1,355	*	*		
<b>TOTAL FOR MAP NO. 9</b>												<b>0.21</b>	<b>50</b>	<b>2,464.00</b>	<b>2,464.00</b>	<b>1,355</b>			
2022CPT.08.22.20632	Moore	10	SR 1936 (BELLHAVEN DR)	FROM NC 22 TO END STATE MAINT.	2	2	2WU	NO	NO	0.32	20	50	3,754.00	3,754.00	2,065				
<b>TOTAL FOR MAP NO. 10</b>												<b>0.32</b>	<b>50</b>	<b>3,754.00</b>	<b>3,754.00</b>	<b>2,065</b>			
2022CPT.08.22.20632	Moore	11	SR 1941 (ROTHBURY DR)	FROM SR 1935 (RAVENGLASS DR) TO END OF STATE MAINT.	2	2	2WU	NO	NO	0.26	20	20	3,050.00	3,050.00	1,677				
<b>TOTAL FOR MAP NO. 11</b>												<b>0.26</b>	<b>20</b>	<b>3,050.00</b>	<b>3,050.00</b>	<b>1,677</b>			
2022CPT.08.22.20632	Moore	12	SR 1121 (CHICKEN PLANT RD)	FROM SR 1115 (LINDEN RD) TO DEAD END	2	2	2WU	NO	NO	2.26	20	50	26,517.00	26,517.00	14,584				
<b>TOTAL FOR MAP NO. 12</b>												<b>2.26</b>	<b>50</b>	<b>26,517.00</b>	<b>26,517.00</b>	<b>14,584</b>			
2022CPT.08.22.20632	Moore	13	SR 2013 (WHITE ROCK RD)	FROM NC 690 TO NC 690	2	2	2WU	NO	NO	2.27	20	75	26,634.00	26,634.00	14,649				
<b>TOTAL FOR MAP NO. 13</b>												<b>2.27</b>	<b>75</b>	<b>26,634.00</b>	<b>26,634.00</b>	<b>14,649</b>			
2022CPT.08.22.20632	Moore	14	SR 1484 (RITTER RD)	FROM SR 1479 (LAKEY SIDING RD) TO SR 1487 (BORDEN RD)	1	2	2WU	NO	NO	2.5	20	50	29,333.00		16,133				
<b>TOTAL FOR MAP NO. 14</b>												<b>2.5</b>	<b>50</b>	<b>29,333.00</b>		<b>16,133</b>			
2022CPT.08.22.20632	Moore	15	SR 1143 (SAMARCAND RD)	FROM SR 1275 (BIG OAK CH RD) TO NC 211	1	2	2WU	NO	NO	3.53	20	60	41,418.00		22,780				
<b>TOTAL FOR MAP NO. 15</b>												<b>3.53</b>	<b>60</b>	<b>41,418.00</b>		<b>22,780</b>			
2022CPT.08.22.20632	Moore	16	SR 1804 (STAGE RD)	FROM 24/27 TO SR 1805 (UNION CH RD)	1	2	2WU	NO	NO	1.03	20	75	12,053.00		6,650				
<b>TOTAL FOR MAP NO. 16</b>												<b>1.03</b>	<b>75</b>	<b>12,053.00</b>		<b>6,650</b>			
2022CPT.08.22.20632	Moore	17	SR 1654 (MCCRIMMON RD)	FROM 15 TO SR 1656 (RED BRANCH RD)	1	2	2WU	NO	NO	1.56	20	100	18,304.00		10,067				
<b>TOTAL FOR MAP NO. 17</b>												<b>1.56</b>	<b>100</b>	<b>18,304.00</b>		<b>10,067</b>			
2022CPT.08.22.20632	Moore	18	SR 1656 (RED BRANCH RD)	FROM SR 1654 (MCCRIMMON RD) TO 15	1	2	2WU	NO	NO	1.05	20	75	12,320.00		6,800				
<b>TOTAL FOR MAP NO. 18</b>												<b>1.05</b>	<b>75</b>	<b>12,320.00</b>		<b>6,800</b>			
<b>TOTAL FOR PROJ NO. 2022CPT.08.22.20632</b>												<b>28.68</b>		<b>1,205</b>	<b>336,356.00</b>	<b>67,464.00</b>	<b>185,037</b>	<b>17.00</b>	<b>20</b>
<b>GRAND TOTAL</b>												<b>28.68</b>		<b>1,205</b>	<b>336,356.00</b>	<b>67,464.00</b>	<b>185,037</b>	<b>17.00</b>	<b>20</b>

PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.08.22.20632	12	

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4810000000-E	4810000000-E
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" WHITE PAINT	4" YELLOW PAINT
										SF	LS	LF	LF
2022CPT.08.22.20632	Moore	1	SR 2024 (FURR RD)	FROM SR 2175 (AIKEN RD) TO SR 2026 ( YOUNGS RDO	1	2	2WU	2.65	20	296		57,028	34,980
<b>TOTAL FOR MAP NO. 1</b>												<b>57,028</b>	<b>34,980</b>
2022CPT.08.22.20632	Moore	2	SR 1610 (TWO MILE CIRCLE RD)	FROM SR 1606 (RIVER RD) TO SR 1610 (TWO MILE CIRCLE RD)	1	2	2WU	1.68	20	188		36,154	22,176
<b>TOTAL FOR MAP NO. 2</b>												<b>36,154</b>	<b>22,176</b>
2022CPT.08.22.20632	Moore	3	SR 1238 (LOVE GROVE CH RD)	FROM NC 211 TO SR 1229 (CARTHAGE RD)	1	2	2WU	1.43	20	160		30,774	18,876
<b>TOTAL FOR MAP NO. 3</b>												<b>30,774</b>	<b>18,876</b>
2022CPT.08.22.20632	Moore	4	SR 2168 (CREEK BEND RD)	FROM SR 2167 (MCPHERSON RD) TO DEAD END	1	2	2WU	0.48	20	48			
<b>TOTAL FOR MAP NO. 4</b>													
2022CPT.08.22.20632	Moore	5	SR 1270 (BENSALEM CH RD)	FROM SR 2178 (MCDUFFIE RD) TO SR 1275 (BIG OAK CH RD)	1	2	2WU	1.55	20	168		33,356	20,460
<b>TOTAL FOR MAP NO. 5</b>												<b>33,356</b>	<b>20,460</b>
2022CPT.08.22.20632	Moore	6	SR 1643 (BRADY RD)	FROM SR 1644 (OLD GLENDON RD) TO SR 1006 (GLENDON CARTHAGE RD)	1	2	2WU	1.04	20	116		22,381	13,728
<b>TOTAL FOR MAP NO. 6</b>												<b>22,381</b>	<b>13,728</b>
2022CPT.08.22.20632	Moore	7	SR 1658 (WADSWORTH RD)	FROM SR 1651 (OLD RIVER RD) TO SR 1625 (UNDERWOOD RD)	1	2	2WU	4.43	20	496		95,334	58,476
<b>TOTAL FOR MAP NO. 7</b>												<b>95,334</b>	<b>58,476</b>
2022CPT.08.22.20632	Moore	8	SR 1911 (SULLIVAN DR)	FROM SR 1935 (RAVENGLASS DR TO END STATE MAINT.	2	2	2WU	0.43	20	48			
<b>TOTAL FOR MAP NO. 8</b>													
2022CPT.08.22.20632	Moore	9	SR 1935 (RAVENGLASS DR)	FROM SR 1911 (SULLIVAN DR) TO SR 1936 (BELLHAVEN DR)	2	2	2WU	0.21	20	24			
<b>TOTAL FOR MAP NO. 9</b>													
2022CPT.08.22.20632	Moore	10	SR 1936 (BELLHAVEN DR)	FROM NC 22 TO END STATE MAINT.	2	2	2WU	0.32	20	38			
<b>TOTAL FOR MAP NO. 10</b>													
2022CPT.08.22.20632	Moore	11	SR 1941 (ROTHBURY DR)	FROM SR 1935 (RAVENGLASS DR) TO END OF STATE MAINT.	2	2	2WU	0.26	20	30			
<b>TOTAL FOR MAP NO. 11</b>													
2022CPT.08.22.20632	Moore	12	SR 1121 (CHICKEN PLANT RD)	FROM SR 1115 (LINDEN RD) TO DEAD END	2	2	2WU	2.26	20	253		48,635	46,731
<b>TOTAL FOR MAP NO. 12</b>												<b>48,635</b>	<b>46,731</b>
2022CPT.08.22.20632	Moore	13	SR 2013 (WHITE ROCK RD)	FROM NC 690 TO NC 690	2	2	2WU	2.27	20	245		48,850	37,652
<b>TOTAL FOR MAP NO. 13</b>												<b>48,850</b>	<b>37,652</b>
2022CPT.08.22.20632	Moore	14	SR 1484 (RITTER RD)	FROM SR 1479 (LAKEY SIDING RD) TO SR 1487 (BORDEN RD)	1	2	2WU	2.5	20	280		53,800	42,689
<b>TOTAL FOR MAP NO. 14</b>												<b>53,800</b>	<b>42,689</b>
2022CPT.08.22.20632	Moore	15	SR 1143 (SAMARCAND RD)	FROM SR 1275 (BIG OAK CH RD) TO NC 211	1	2	2WU	3.53	20	395		75,966	90,952
<b>TOTAL FOR MAP NO. 15</b>												<b>75,966</b>	<b>90,952</b>
2022CPT.08.22.20632	Moore	16	SR 1804 (STAGE RD)	FROM 24/27 TO SR 1805 (UNION CH RD)	1	2	2WU	1.03	20	115		22,166	13,596
<b>TOTAL FOR MAP NO. 16</b>												<b>22,166</b>	<b>13,596</b>
2022CPT.08.22.20632	Moore	17	SR 1654 (MCCRIMMON RD)	FROM 15 TO SR 1656 (RED BRANCH RD)	1	2	2WU	1.56	20	325		33,571	20,592
<b>TOTAL FOR MAP NO. 17</b>												<b>33,571</b>	<b>20,592</b>
2022CPT.08.22.20632	Moore	18	SR 1656 (RED BRANCH RD)	FROM SR 1654 (MCCRIMMON RD) TO 15	1	2	2WU	1.05	20	118		22,596	13,860
<b>TOTAL FOR MAP NO. 18</b>												<b>22,596</b>	<b>13,860</b>
<b>TOTAL FOR PROJ NO. 2022CPT.08.22.20632</b>											<b>1</b>	<b>580,611</b>	<b>434,768</b>
<b>GRAND TOTAL</b>											<b>1</b>	<b>580,611</b>	<b>434,768</b>