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PROJECT REFERENCE NO.		SHEET NO.
2022CPT.14.04.10441		1
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2022CPT.14.04.20441		

HAYWOOD COUNTY

TIP PROJECT: NA

CONTRACT: DN00756



MAP 1



BEG



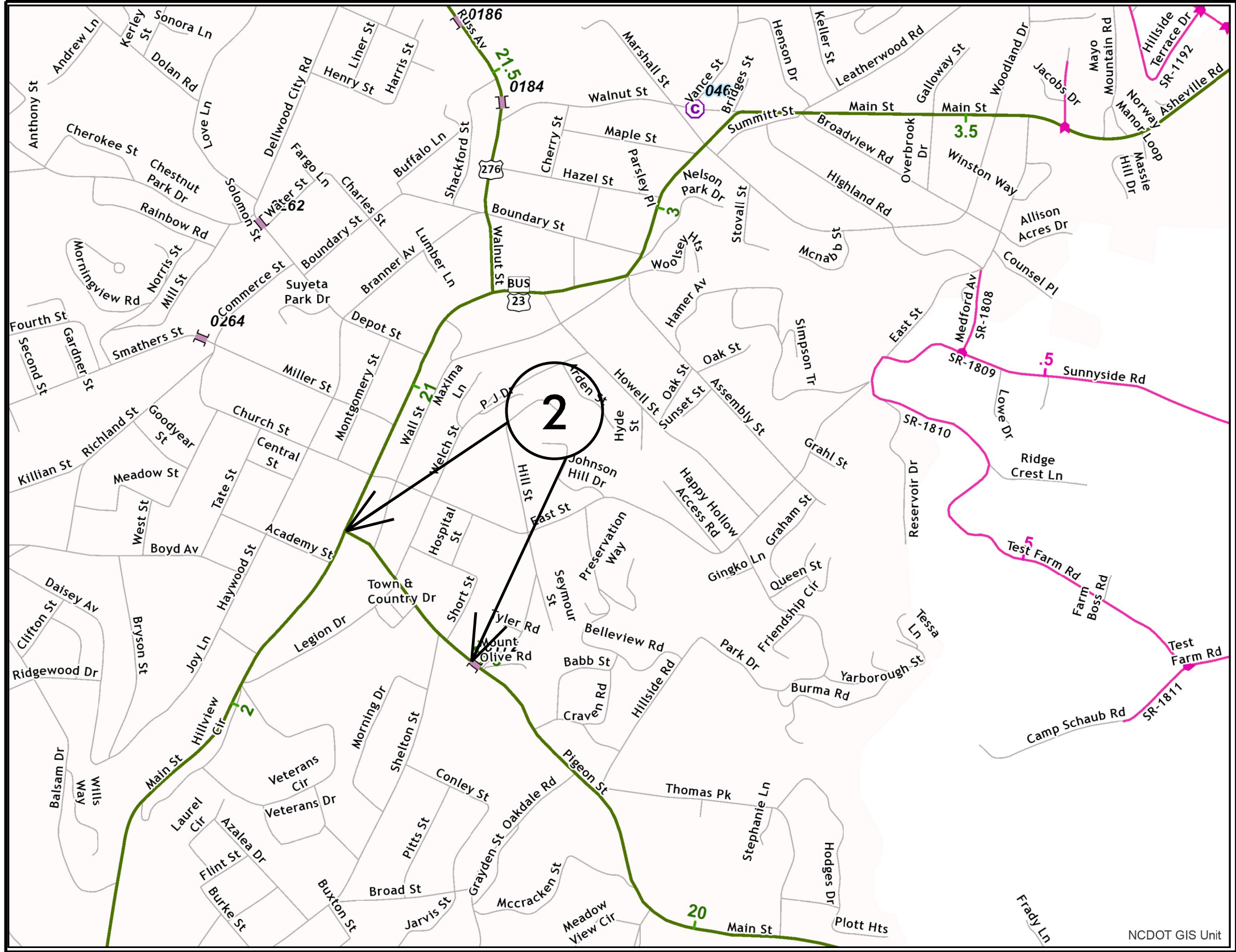
END

HAYWOOD COUNTY

PROJECT REFERENCE NO.		SHEET NO.
2022CPT.14.04.10441		2
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2022CPT.14.04.20441		

TIP PROJECT: NA

CONTRACT: DN00756



MAP 2



BEG

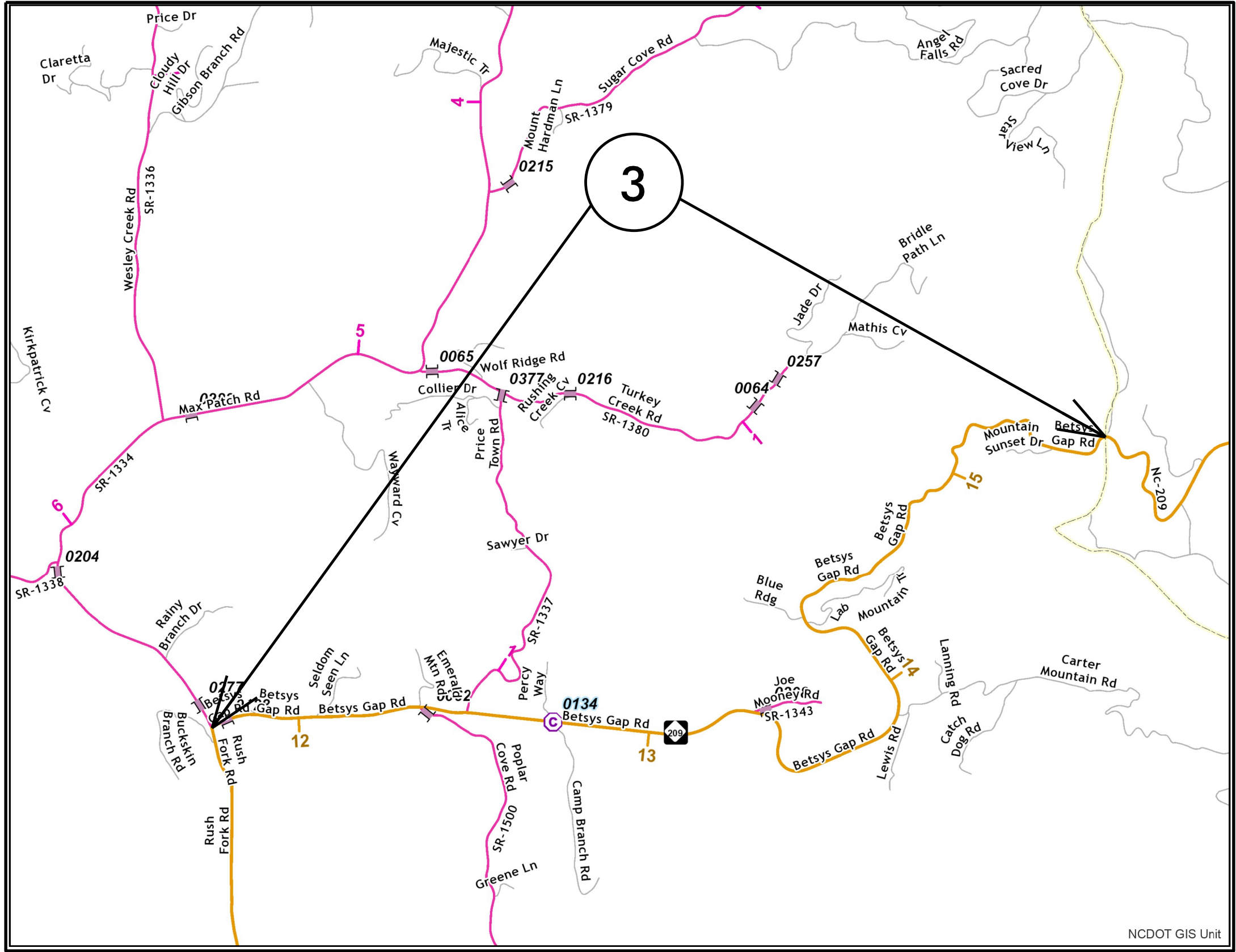
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PROJECT REFERENCE NO.		SHEET NO.
2022CPT.14.04.10441		3
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2022CPT.14.04.20441		

HAYWOOD COUNTY

TIP PROJECT: N/A

CONTRACT: DN00756



MAP 3



BEG

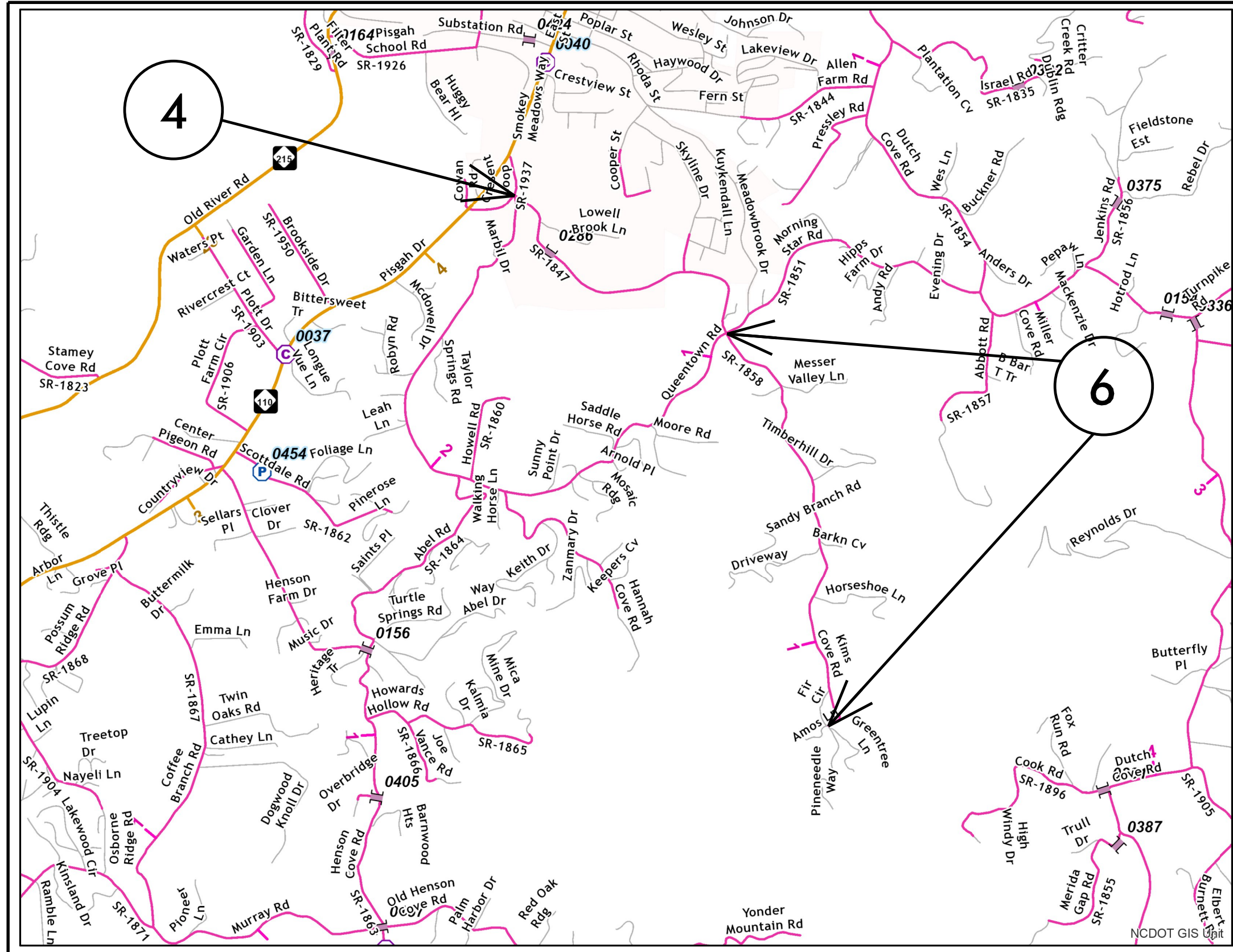
END

HAYWOOD COUNTY

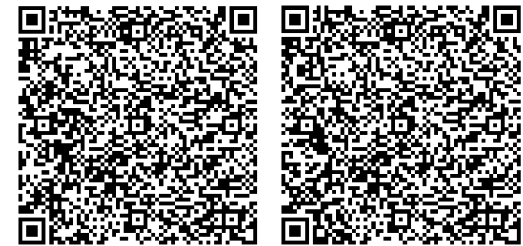
PROJECT REFERENCE NO.	SHEET NO.	
2022CPT.14.04.10441	4	
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2022CPT.14.04.20441		

TIP PROJECT: NA

CONTRACT: DN00756



MAP 4



BEG END

MAP 6



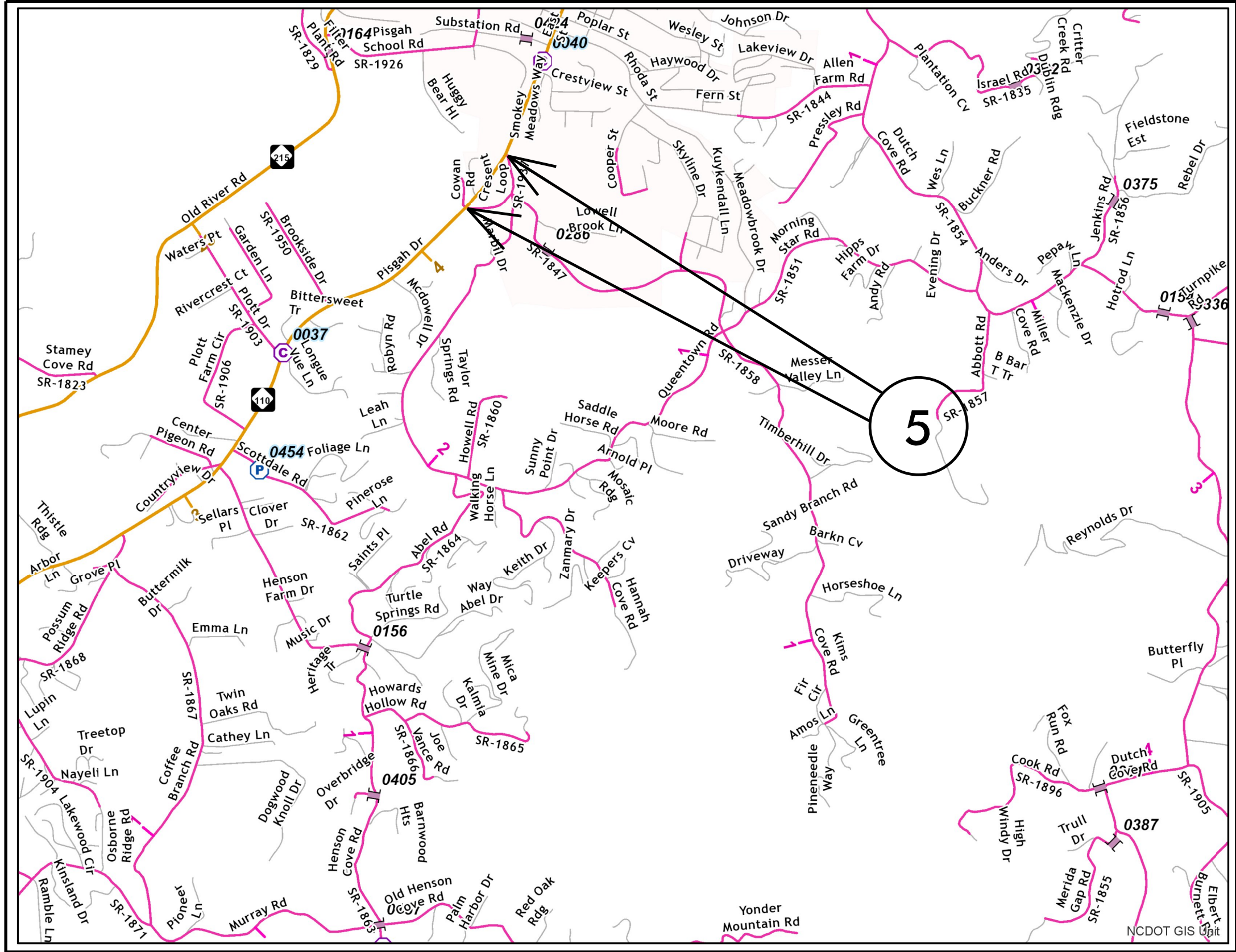
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PROJECT REFERENCE NO.		SHEET NO.
2022CPT.14.04.10441		5
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2022CPT.14.04.20441		

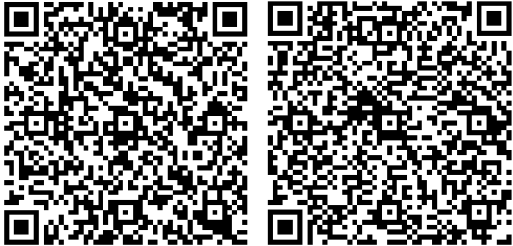
HAYWOOD COUNTY

TIP PROJECT: N/A

CONTRACT: DN00756



MAP 5



BEG

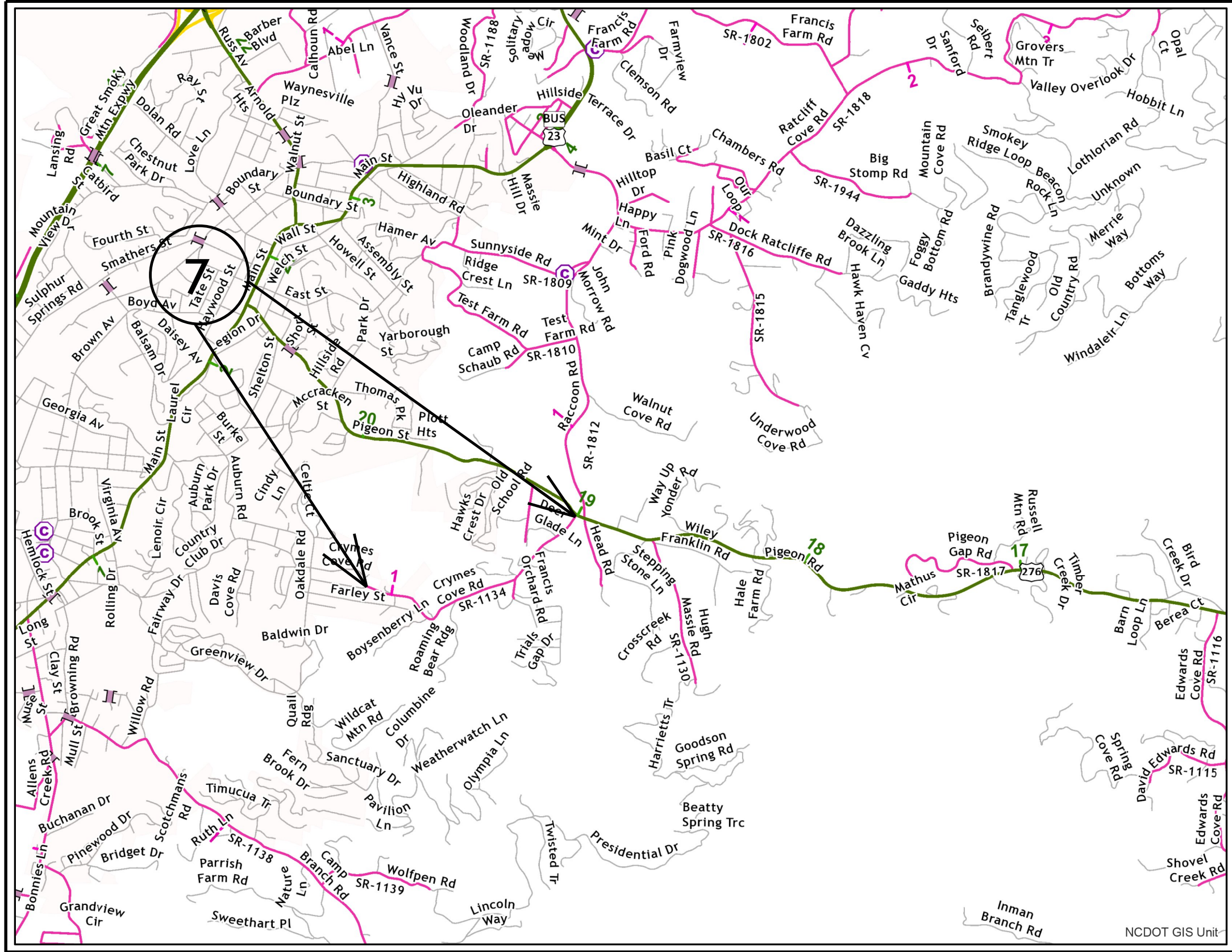
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PROJECT REFERENCE NO.		SHEET NO.
2022CPT.14.04.10441		6
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2022CPT.14.04.20441		

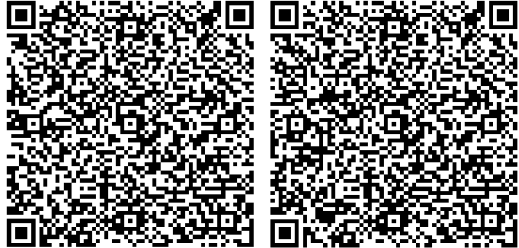
HAYWOOD COUNTY

TIP PROJECT: N/A

CONTRACT: DN00756



MAP 7



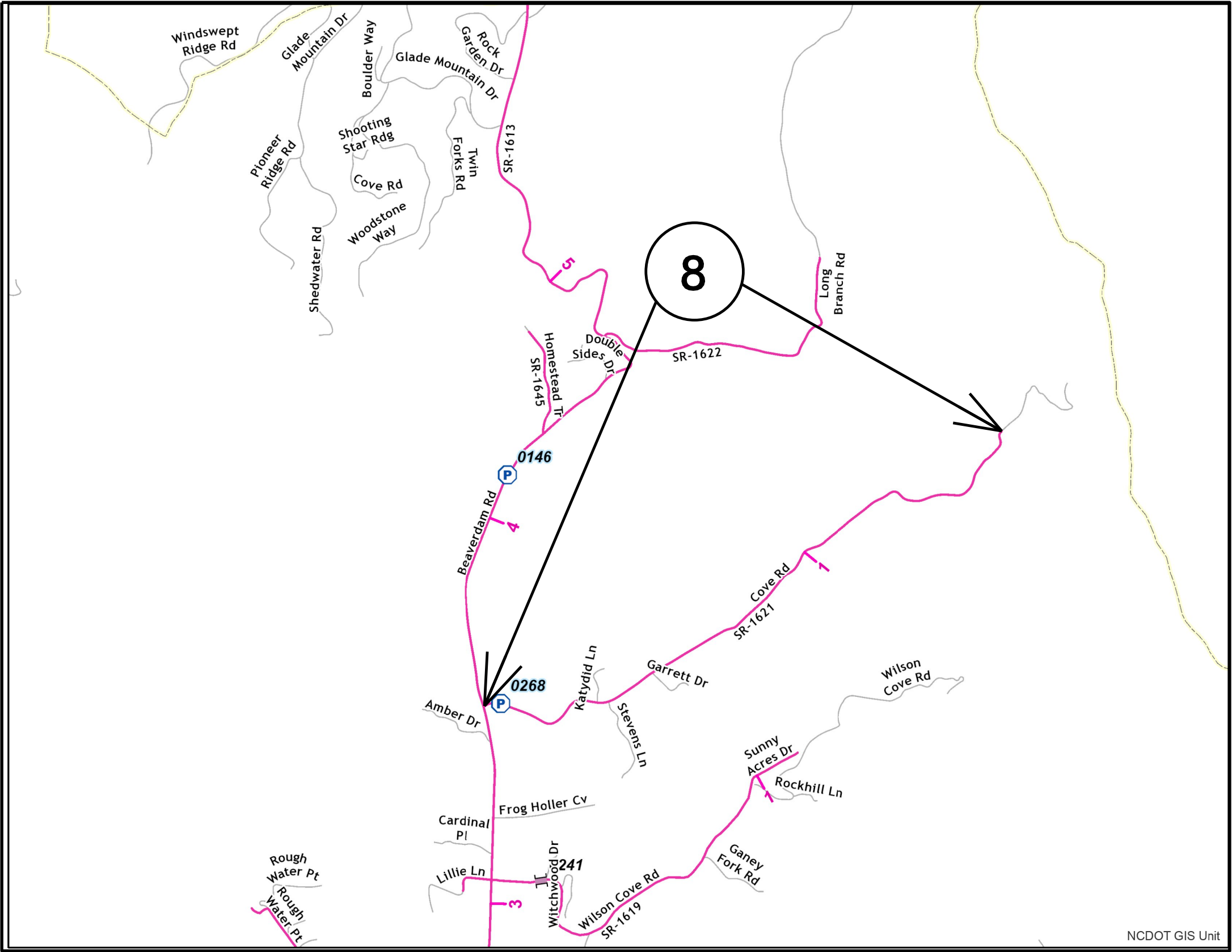
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END

PROJECT REFERENCE NO.		SHEET NO.
2022CPT.14.04.10441		7
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2022CPT.14.04.20441		

HAYWOOD COUNTY

CONTRACT: DN00756 **TIP PROJECT: N/A**



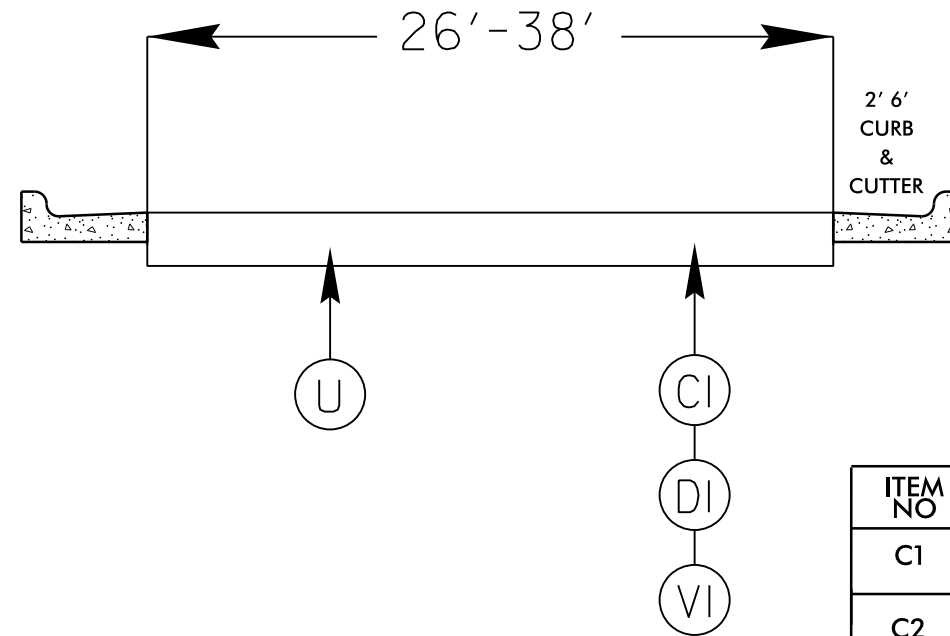
MAP 8



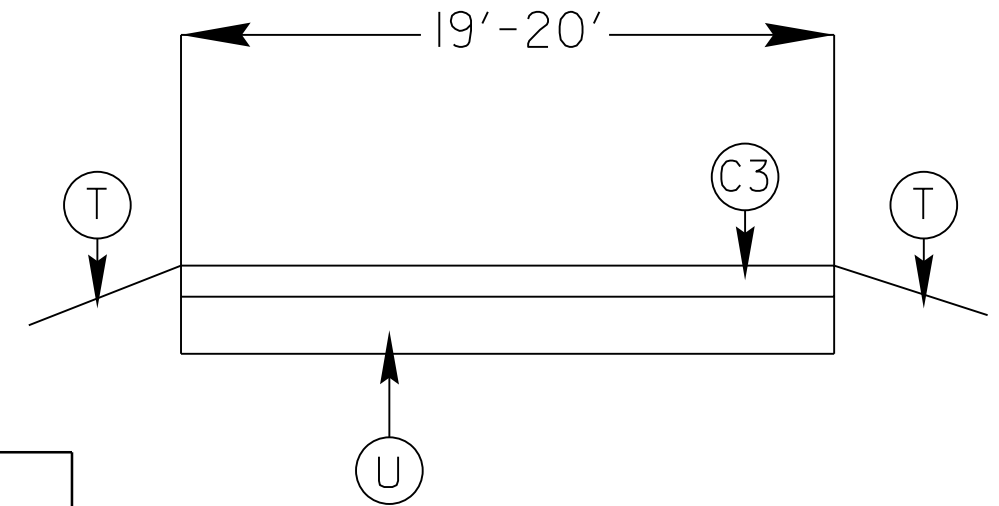
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END

TYPICAL 1



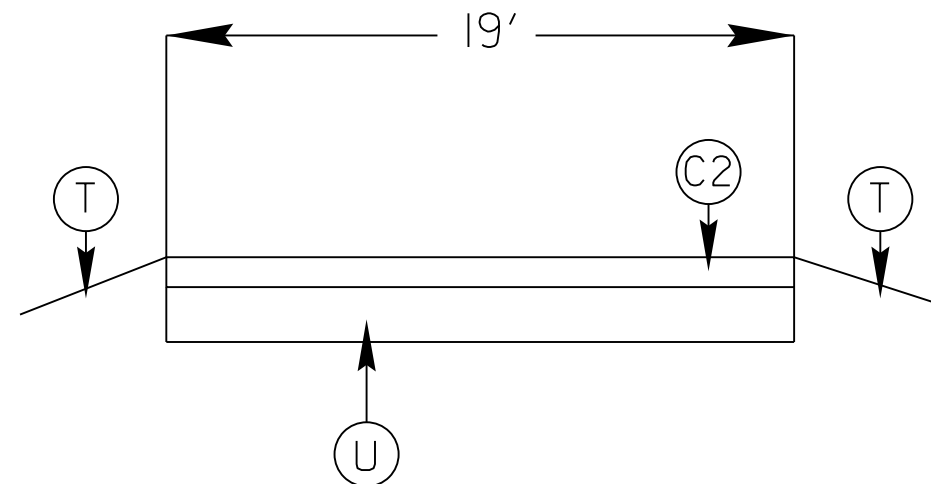
TYPICAL 2



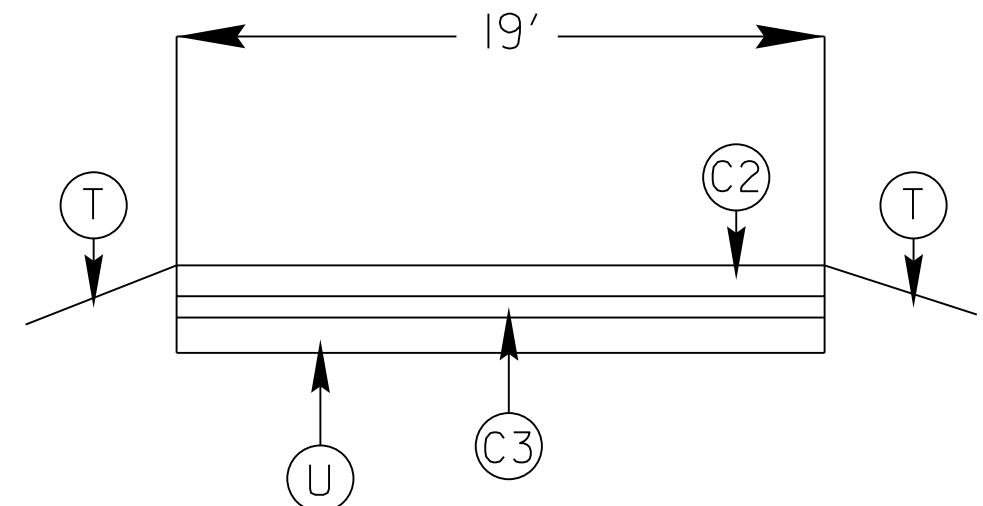
SURFACING SCHEDULE

ITEM NO	DESCRIPTION
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5C AT AN AVERAGE RATE OF 168 LBS.PER.SQ.YD
C2	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ YD
C3	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, (LEVELING) TYPE SF9.5B, AT AN AVERAGE RATE OF 110 LBS. PER. SQ. YD
D1	PROP. APPROX. 3 " ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 342 LBS PER SQ.YD.
VI	MILLED ASPHALT PAVEMENT 4 1/2" IN DEPTH IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER
T	SHOULDER RECONSTRUCTION
U	EXISTING ASPHALT

TYPICAL 3



TYPICAL 4



PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.14.04.10441, 2022CPT.14.04.20441	9	

SUMMARY OF QUANTITIES

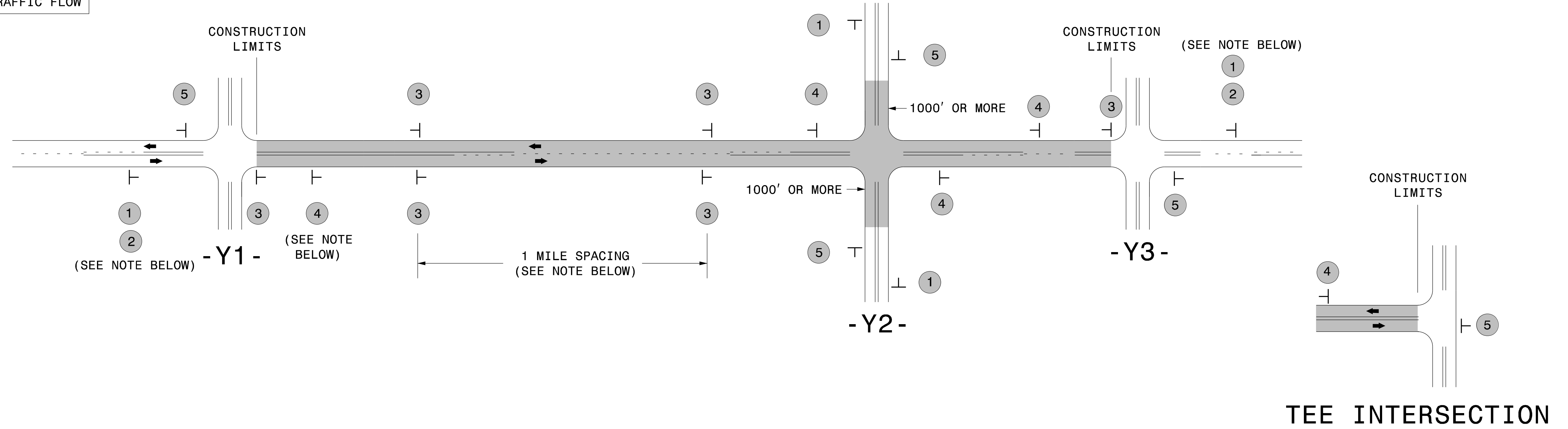
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1245000000-E	1297000000-E	1308000000-E	1503000000-E	1519000000-E	1520000000-E	1523000000-E	1575000000-E	1704000000-E	2605000000-N	2830000000-N	2845000000-N	7444000000-E	7456000000-E			
												SHOULDER RECONSTRUCTION	4.5" MILLING	0" TO 4.5" MILLING	INTERMEDIATE COURSE, 119.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	CONCRETE CURB RAMPS	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	INDUCTIVE LOOP	LEAD-IN CABLE			
												MI	FT	SMI	SY	SY	TONS	TONS	TONS	TONS	TONS	EA	EA	EA	LF	LF		
2022CPT.14.04.10441	Haywood	1	US 23 BUS. (NORTH MAIN STREET)	FROM ACADEMY ST. TO WALNUT ST.	1	2	2WU	NO	NO	0.47	38		10,460		1,790			895	140	600	27	22	10	800	1,020			
TOTAL FOR MAP NO. 1												0.47			10,460		1,790		895	140	600	27	22	10	800	1,020		
2022CPT.14.04.10441	Haywood	2	US 276 (PIGEON STREET)	FROM BRIDGE # 172 TO MAIN STREET	1	2	2WU	NO	NO	0.26	26		3,360	610	680			340	53	230	11	14	3					
TOTAL FOR MAP NO. 2												0.26			3,360	610	680		340	53	230	11	14	3				
2022CPT.14.04.10441	Haywood	3	NC 209 (BETSY'S GAP ROAD)	FROM SR 1343 TO MADISON CO LINE	2	2	2WU	NO	NO	3.88	20	7.76					2,754		185	1,215								
TOTAL FOR MAP NO. 3												3.88			7.76				2,754		185	1,215						
TOTAL FOR PROJ NO. 2022CPT.14.04.10441												4.61			7.76	610	2,470		2,754	1,235	378	2,045	38	36	13	800	1,020	
2022CPT.14.04.20441	Haywood	4	SR 1847 (KIM'S COVE/QUEENTOWN RD)	FROM SR 1937 TO SR 1937	3	2	2WU	NO	NO	2.9	19	5.81				2,295	145		163	160								
TOTAL FOR MAP NO. 4												2.9			5.81			2,295	145		163	160						
2022CPT.14.04.20441	Henderson	5	SR 1937 (CRESENT LOOP)	FROM NC 110 TO NC 110	3	2	2WU	NO	NO	0.27	19	0.54				213			14	10								
TOTAL FOR MAP NO. 5												0.27			0.54			213		14	10							
2022CPT.14.04.20441	Haywood	6	SR 1858 (FIR CIR/KIM'S COVE ROAD)	SR 1937 TO SR 1847	3	2	2WU	NO	NO	1.27	19	2.54				1,000			67	2,088								
TOTAL FOR MAP NO. 6												1.27			2.54			1,000		67	2,088							
2022CPT.14.04.20441	Haywood	7	SR 1134 (CRYMES COVE ROAD)	FROM US 276 TO END OF STATE MAINT.	4	2	2WU	NO	NO	1.11	19	2.20				855	705		105	627								
TOTAL FOR MAP NO. 7												1.11			2.20			855	705		105	627						
2022CPT.14.04.20441	Haywood	8	SR 1621 (WEST COVE ROAD)	FROM SR 1613 TO END STATE MAINT.	2	2	2WU	NO	NO	1.54	19	3.08					1,086		73									
TOTAL FOR MAP NO. 8												1.54			3.08				1,086		73							
TOTAL FOR PROJ NO. 2022CPT.14.04.20441												7.09			14.17				4,363	1,936		422	2,885					
GRAND TOTAL												11.7			21.93	610	2,470		4,363	4,690	1,235	800	4,930	38	36	13	800	1,020

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4725000000-E	4810000000-E		4835000000-E	4845000000-N	4890000000-E		4891000000-E	4905000000-N		
										WORK ZONE ADVANCE WARNING SIGNS	TEMPORARY TRAFFIC CONTROL	THERMO LT ARROW 90 M	4" YELLOW PAINT	4" WHITE PAINT	24" WHITE PAINT	PAINT LT ARROW	GENERIC PAVEMENT MARKING ITEM(50 MIL 4" YELLOW THERMOPLASTIC)	GENERIC PAVEMENT MARKING ITEM(50 MIL 4" WHITE THERMOPLASTIC)	GENERIC PAVEMENT MARKING ITEM 24" 90MIL THERMO MARKING LINE	SNOW PLOWABLE MARKERS		
										MI	FT	SF	LS	EA	LF	LF	LF	EA	LF	EA		
2022CPT.14.04.10441	Haywood	1	US 23 BUS. (NORTH MAIN STREET)	FROM ACADEMY ST. TO WALNUT ST.	1	2	2WU	0.47	38	48.0	1	7	6,204	3,800		7	6,200	3,800	850.0	45		
TOTAL FOR MAP NO. 1										0.47		48.0	1	7	6,204	3,800	7	6,200	3,800	850.0	45	
2022CPT.14.04.10441	Haywood	2	US 276 (PIGEON STREET)	FROM BRIDGE # 172 TO MAIN STREET	1	2	2WU	0.26	26	27.0			3,432				2,800		42.0	18		
TOTAL FOR MAP NO. 2										0.26		27.0					2,800		42.0	18		
2022CPT.14.04.10441	Haywood	3	NC 209 (BETSY'S GAP ROAD)	FROM SR 1343 TO MADISON CO LINE	2	2	2WU	3.88	20	396.0			83,498	83,498	16					504		
TOTAL FOR MAP NO. 3										3.88		396.0			83,498	83,498	16			504		
TOTAL FOR PROJ NO. 2022CPT.14.04.10441										4.61		471.0	1	7	93,134	87,298	16	7	9,000	3,800	892	567
														180,432			12,800					
2022CPT.14.04.20441	Haywood	4	SR 1847 (KIM'S COVE/QUEENTOWN RD)	FROM SR 1937 TO SR 1937	3	2	2WU	2.9	19	296.0			62,408	62,408								
TOTAL FOR MAP NO. 4										2.9		296.0			62,408	62,408						
2022CPT.14.04.20441	Henderson	5	SR 1937 (CRESENT LOOP)	FROM NC 110 TO NC 110	3	2	2WU	0.27	19	28.0			5,810	5,810	36							
TOTAL FOR MAP NO. 5										0.27		28.0			5,810	5,810	36					
2022CPT.14.04.20441	Haywood	6	SR 1858 (FIR CIR/KIM'S COVE ROAD)	SR 1937 TO SR 1847	3	2	2WU	1.27	19	130.0			27,330	27,330								
TOTAL FOR MAP NO. 6										1.27		130.0			27,330	27,330						
2022CPT.14.04.20441	Haywood	7	SR 1134 (CRYMES COVE ROAD)	FROM US 276 TO END OF STATE MAINT.	4	2	2WU	1.11	19	113.0			23,887	23,887								
TOTAL FOR MAP NO. 7										1.11		113.0			23,887	23,887						
2022CPT.14.04.20441	Haywood	8	SR 1621 (WEST COVE ROAD)	FROM SR 1613 TO END STATE MAINT.	2	2	2WU	1.54	19	157.0			33,141	33,141								
TOTAL FOR MAP NO. 8										1.54		157.0			33,141	33,141						
TOTAL FOR PROJ NO. 2022CPT.14.04.20441										7.09		724			152,576	152,576	36					
														305,152								
GRAND TOTAL										11.7		1,195	1	7	245,710	239,874	52	7	9,000	3,800	892	567
														485,584			12,800					

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"> 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;"> <div style="text-align: center;"> PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> 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