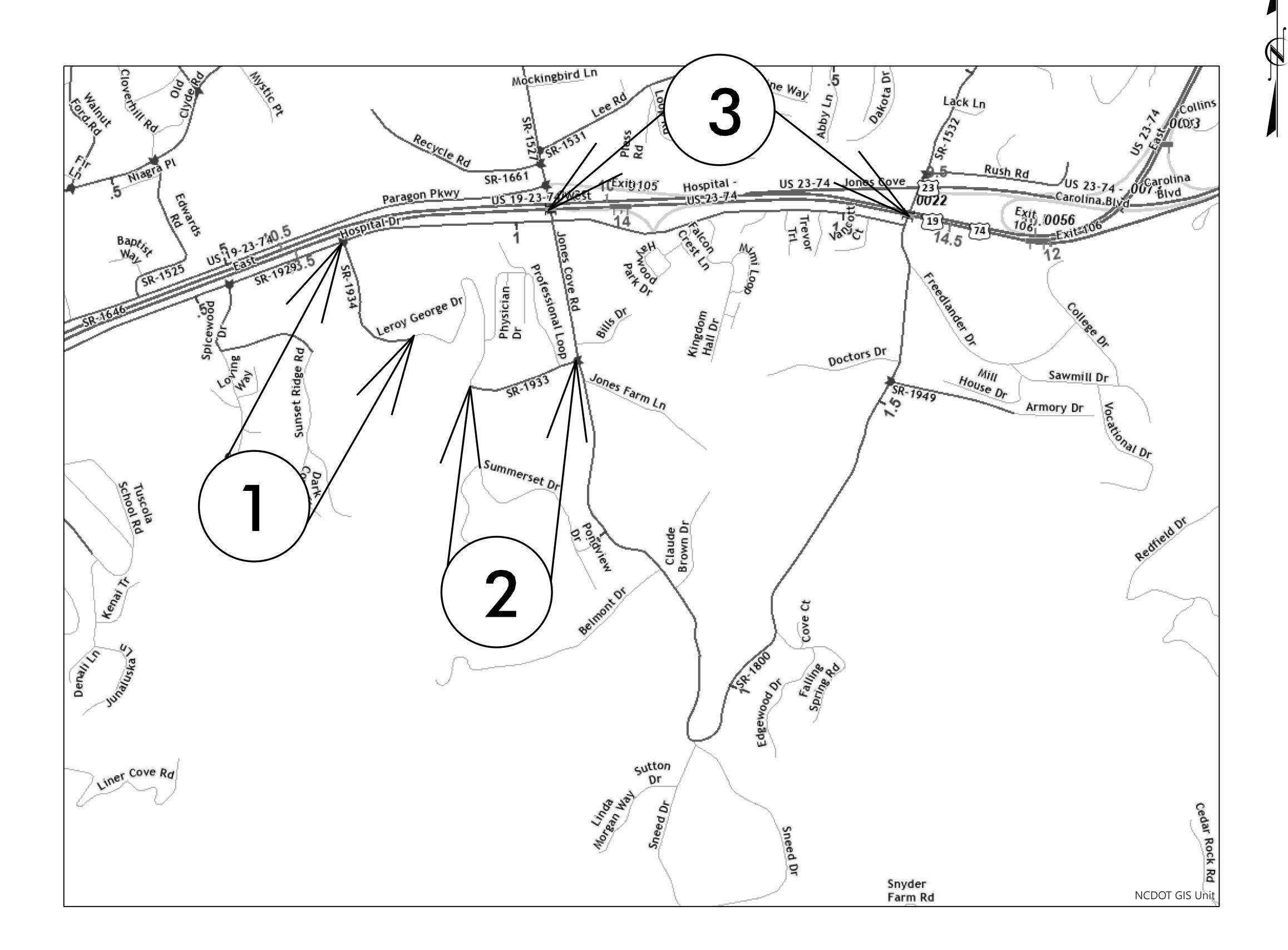
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CONTRACT: DN01040

HAYWOOD COUNTY



STATE	STATI	SHEET NO.	TOTAL SHEETS									
N.C.	2024CF	11	11.11									
STAT	ΓΕ PROJ. NO.	F. A. PROJ. NO.		DESCRIPT	ION							
2024CP	T.14.05.10441			COI	V							

MAP 1





BEG

END

MAP 2





BEG

END

MAP 3

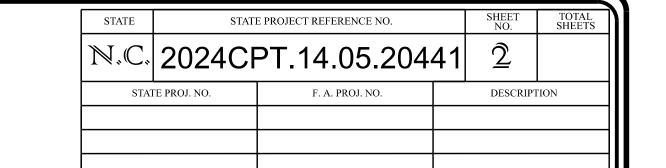




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NTRACT: DN01040

HAYWOOD COUNTY



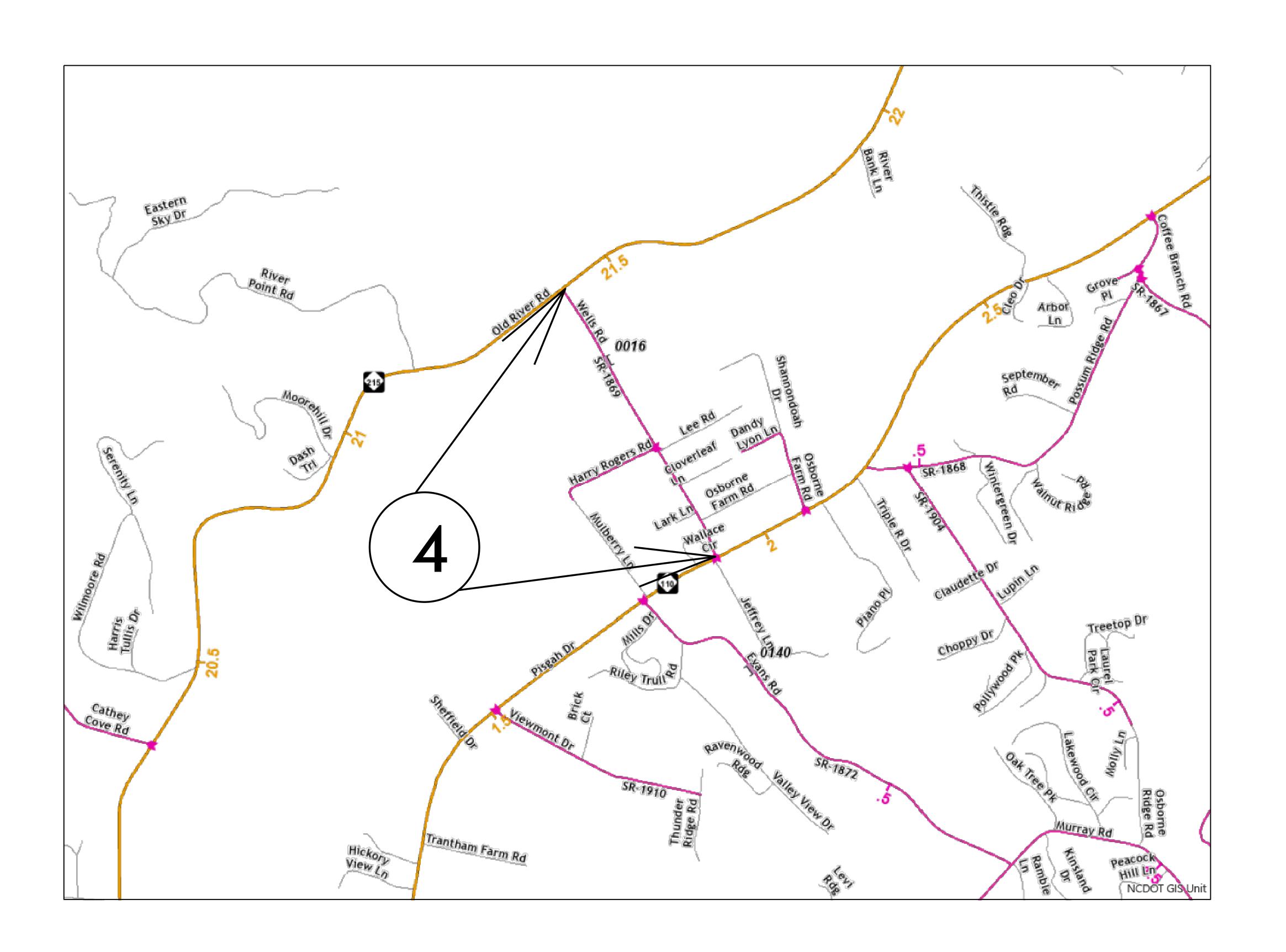


MAP 4

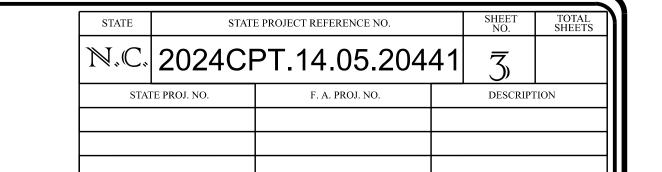




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HAYWOOD COUNTY





MAP 5





BEG

END

MAP 6





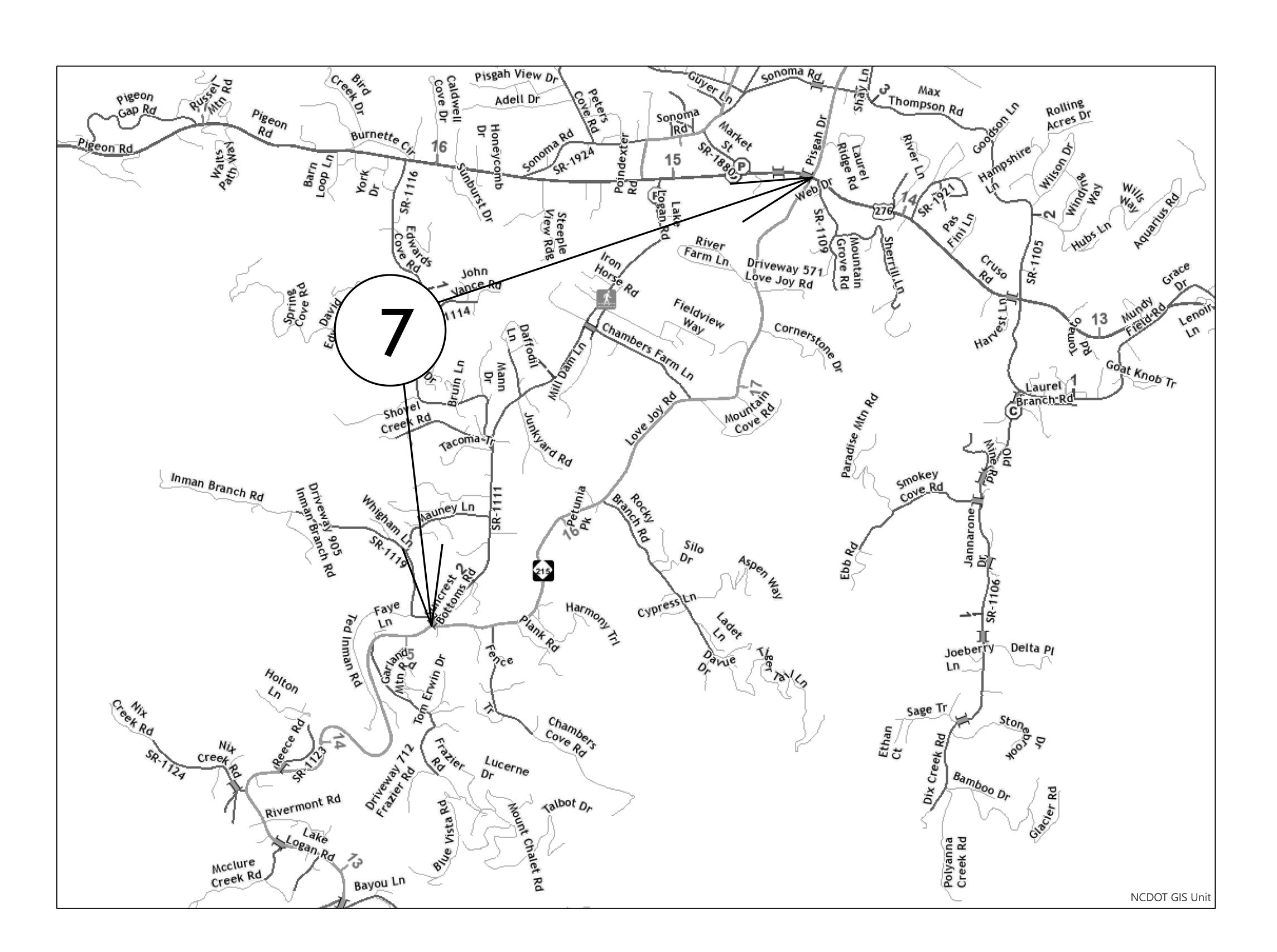
BEG

Rolling Rollin	ne Presidential or
Blue Ridge Pkwy	NCDOT GIS Unit

CATTRA CT. DAINA

HAYWOOD COUNTY

STATE	STAT	E PROJECT REFERENCE NO.		SHEET NO.	TOTAL SHEETS
N.C.	2024CI	PT.14.05.104	41	4	
STAT	E PROJ. NO.	F. A. PROJ. NO.	•	DESCRIPT	ΓΙΟΝ





MAP 7

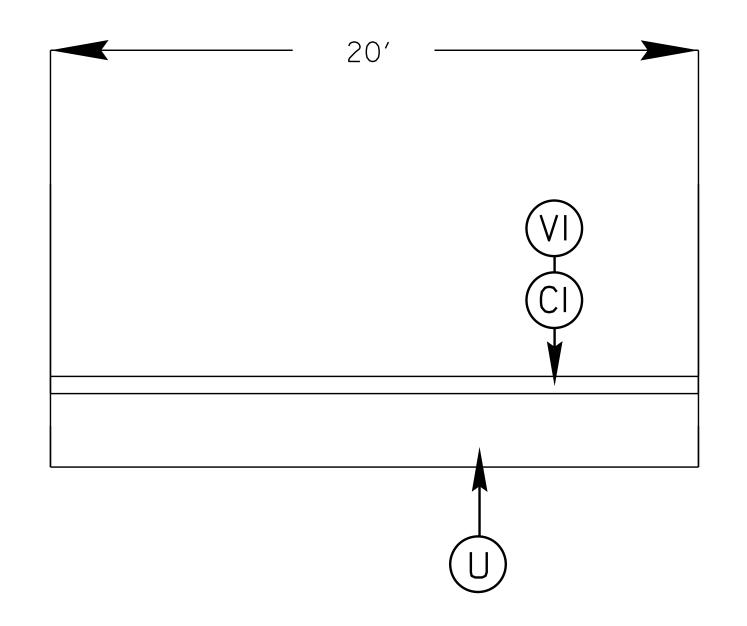




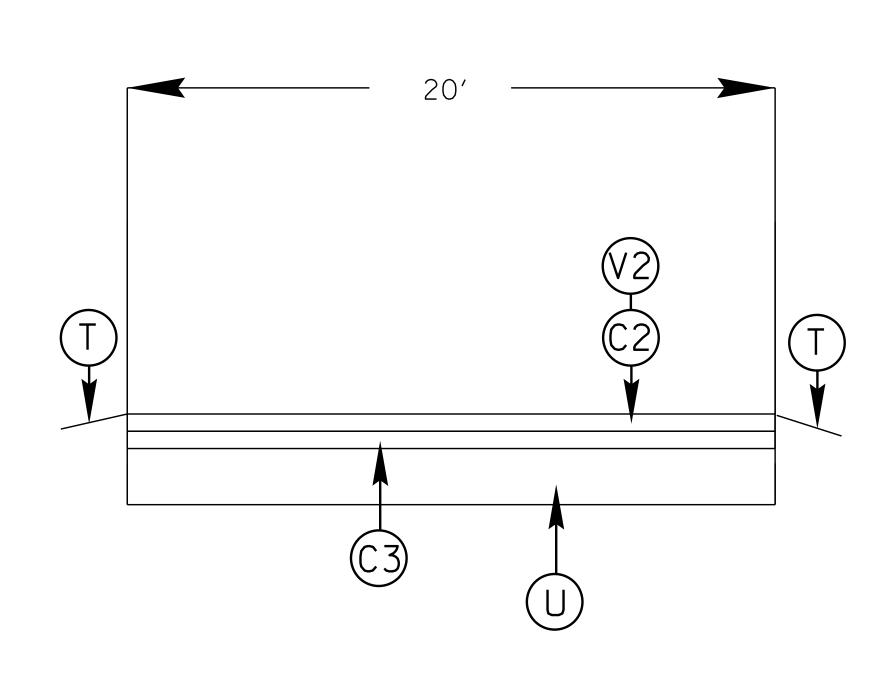
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TYPICAL 1

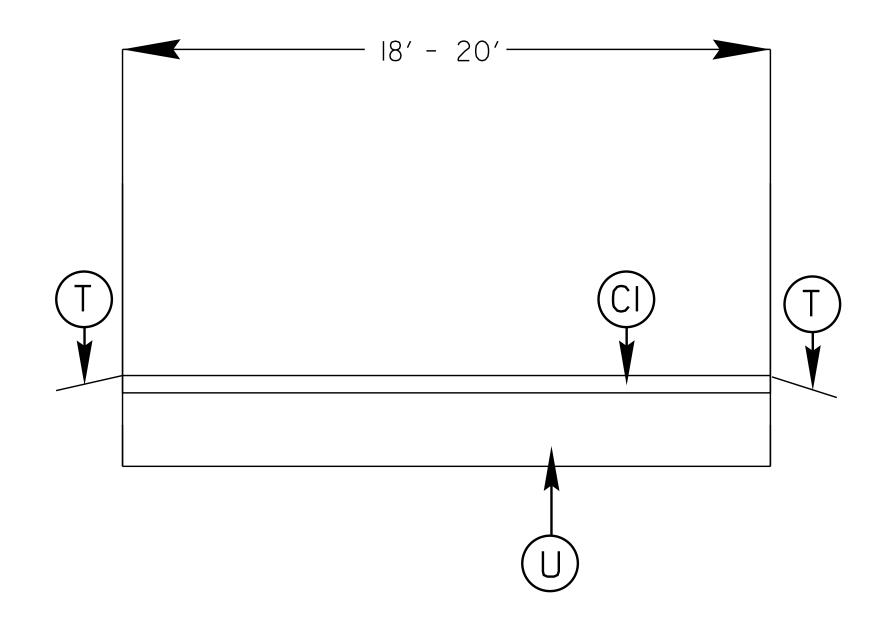


TYPICAL 2

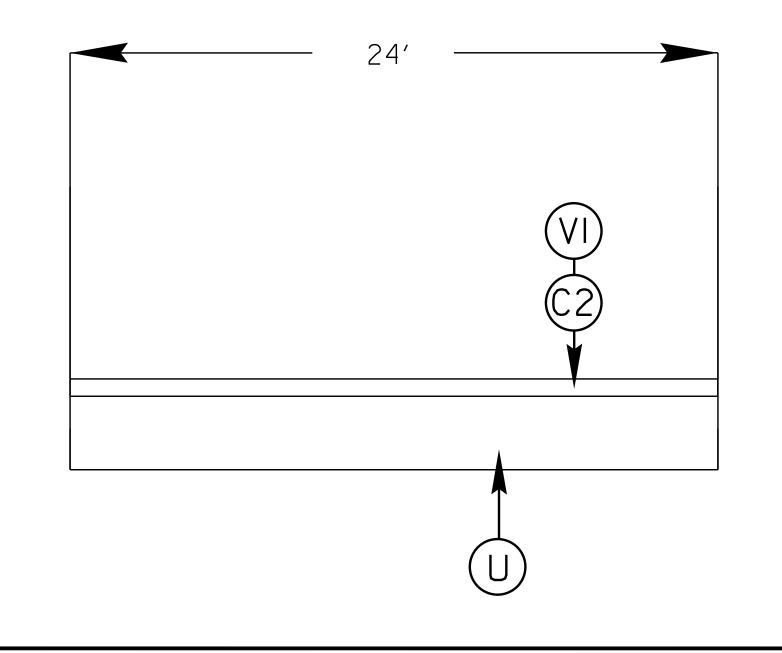


	SURFACING SCHEDULE
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
С3	PROP. APPROX. 3" ASPHALT CONCRETE BASE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
C4	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, (LEVELING) TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
Т	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	MILLED ASPHALT PAVEMENT 1.5" IN DEPTH IN DISTRESSED AREAS AS DIRECTED BY THE ENGINEER
V2	MILLED ASPHALT PAVEMENT 4.5" IN DEPTH IN DISTRESSED AREAS AS DIRECTED BY THE ENGINEER

TYPICAL 3

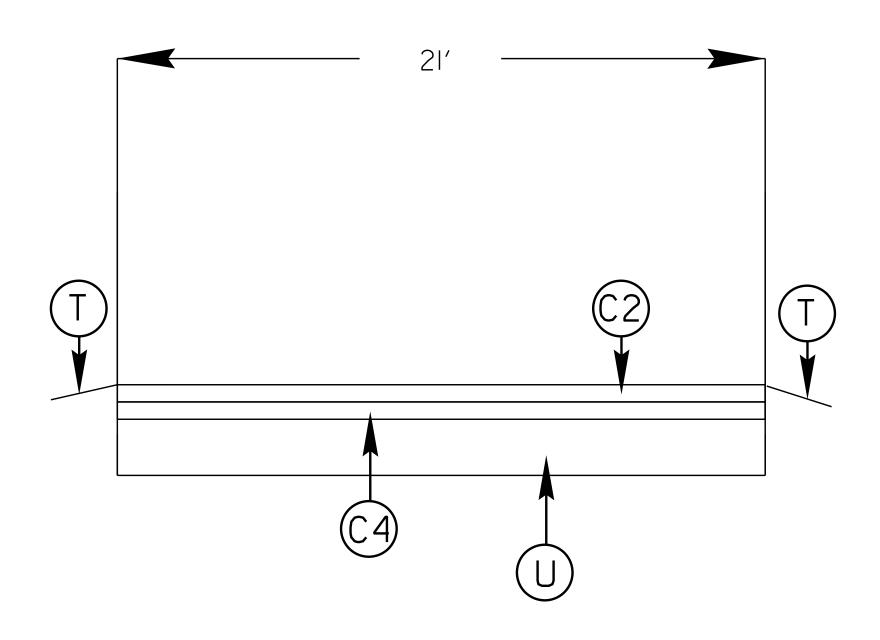


TYPICAL 4



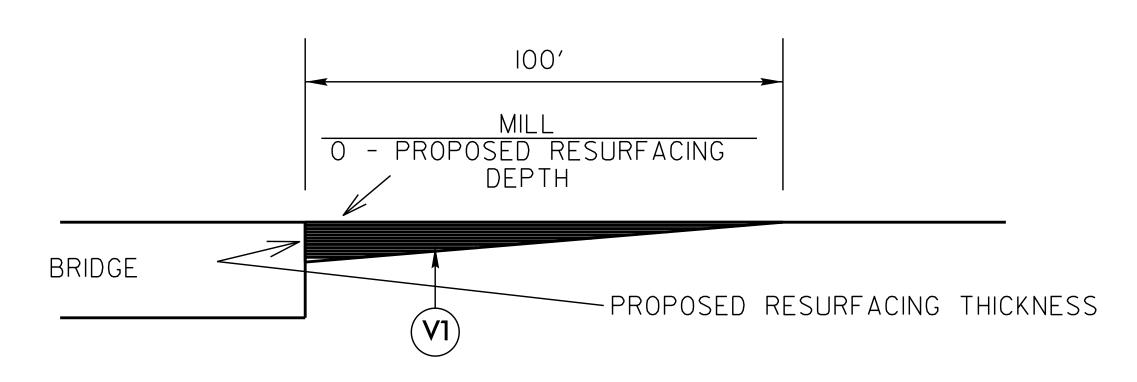
N.C.	2024CPT.	14.05.2044	11	6	
S	STATE PROJ. NO.	F. A. PROJ. NO.	•	DESCRIPT	ΓΙΟΝ
2024CP	T.14.05.10441				

TYPICAL 5



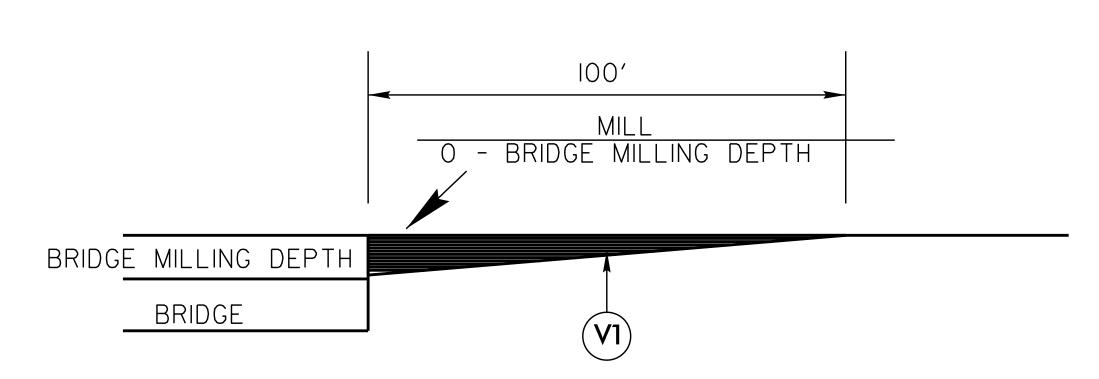
	SURFACING SCHEDULE
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
С3	PROP. APPROX. 3" ASPHALT CONCRETE BASE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
C4	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, (LEVELING) TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
Т	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	MILLED ASPHALT PAVEMENT 1.5" IN DEPTH IN DISTRESSED AREAS AS DIRECTED BY THE ENGINEER
V2	MILLED ASPHALT PAVEMENT 4.5" IN DEPTH IN DISTRESSED AREAS AS DIRECTED BY THE ENGINEER

STATE	STATE PROJEC	SHEET NO.	TOTAL SHEETS	
N.C.	2024CPT.	41 <i>키</i>		
S	STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIP	TION
2024CP	T.14.05.10441			



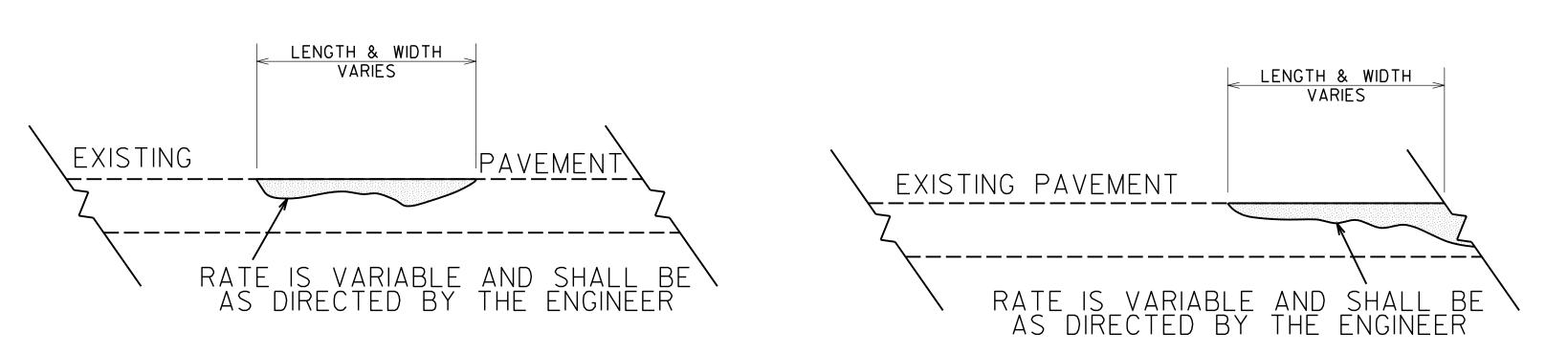
MILLING DETAIL AT BRIDGE APPROACHES

WHERE BRIDGES WILL NOT BE RESURFACED.
THIS WILL BE PAID FOR AS 0"- 1 1/2" MILLING.



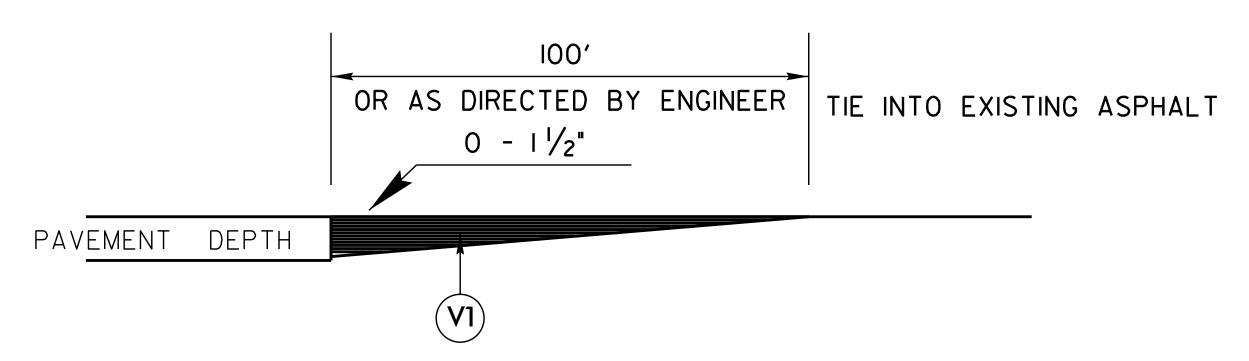
MILLING DETAIL AT BRIDGE APPROACHES

WHERE BRIDGES WILL BE MILLED THEN RESURFACED.
THIS WILL BE PAID FOR AS 0"- 1 1/2" MILLING.



DETAIL SHOWING METHOD OF WEDGING

PROPOSED WEDGE COURSE (114 LBS PER SQ YARD PER 1" DEPTH)



DETAIL TO TIE INTO EXIST PAVEMENT

THE CONTRACTOR'S ATTENTION IS DIRECTED TO
THE FACT THAT HE WILL BE REQUIRED TO MILL
THE EXISTING ASPHALT PAVEMENT TO ENSURE A PROPER
TIE-IN WITH THE EXISTING SURFACE AT THE BEGINNING, END
AND Y LINES OF EACH MAP.
THIS WILL BE PAID FOR AS 0-1 1/2" MILLING.

PROJECT NO.	SHEET NO.	TOTAL NO.
24CPT.14.05.20441, 2024CPT.14.05.10441		
	8	

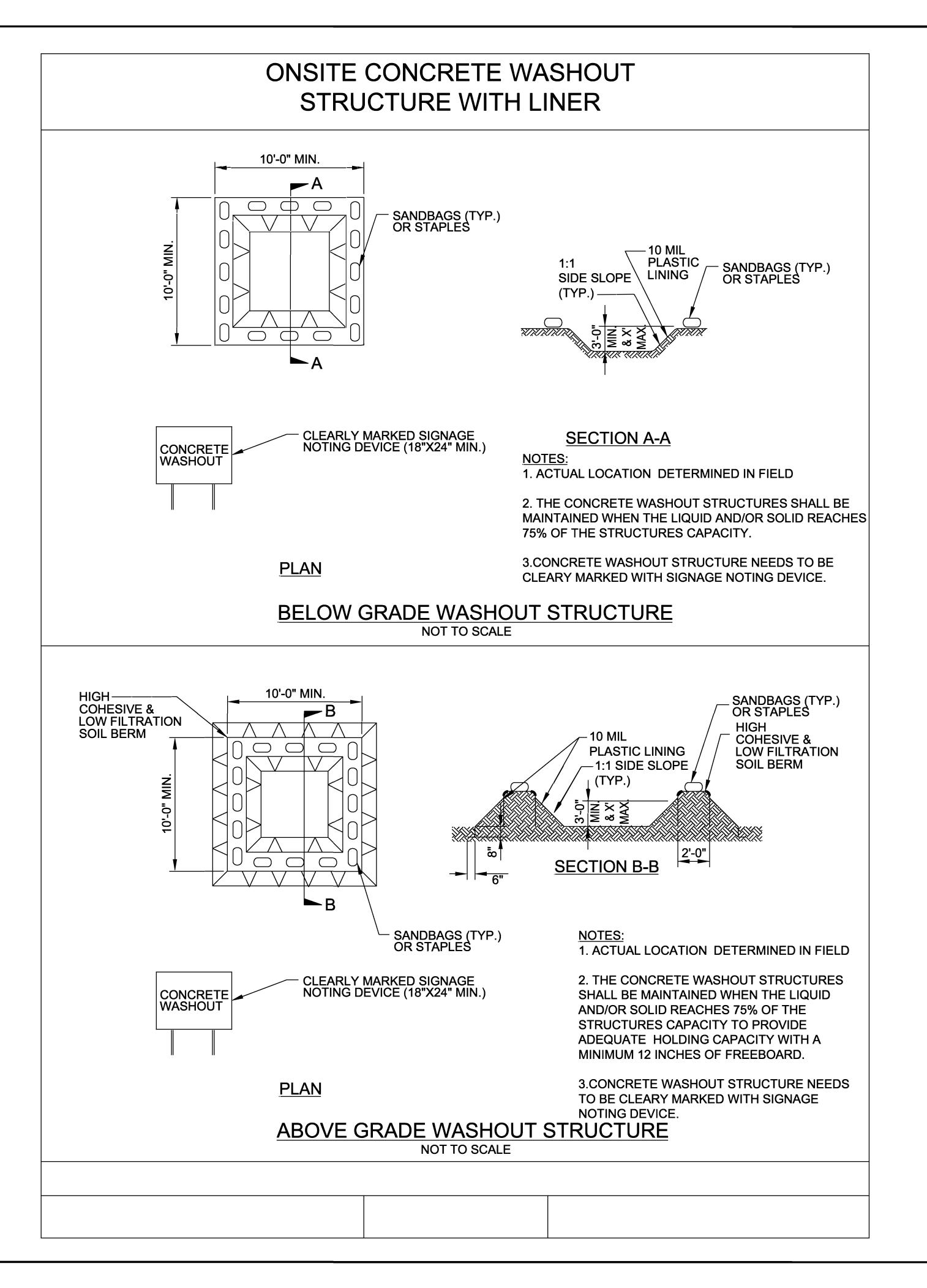
SUMMARY OF QUANTITIES

										1245000000-E	129700	0000-E 1	L50300000-E 15	519000000-E	1520000000-E	1523000000-E	1575000000-E	1704000000-E	2613000000-N	2830000000-N	2845000000-N	4600000	0000-N	600000000-E	6029000000-Е	6117500000-N	7444000000-E	7456000000-E
PROJECT NO COUNTY	MAP NO ROUTE	DESCRIPTION	TYP NO LANES	LANE FIN	IAL WARN	MIX LEN	NGTH WIDTH	BEGIN MP	END MP	SHOULDER	1½"	4.5" IN	NTERMEDIATE	SURFACE	LEVELING	SURFACE	ASPHALT	PATCHING	REMOVE AND	ADJ. OF	ADJ. OF METER	TEMPORARY	AUDIBLE	TEMPORARY	SAFETY FENCE	CONCRETE WASHOUT	INDUCTIVE LOOP	LEAD-IN CABLE
				TYPE SURF	FACE ASPH	ALT				RECONSTRUCTION	MILLING	MILLING CO	OURSE, I19.0C CO	OURSE, S9.5B	COURSE, S9.5B	COURSE, S9.5C	BINDER FOR	EXISTING	REPLACE CURB	MANHOLES	OR VALVE BOX	CURB RAMPS	WARNING	SILT FENCE		STRUCTURE		
				TEST	ING REQU	IRED											PLANT MIX	PAVEMENT	RAMPS				DEVICE					
				REQU	JIRED		MI FT			SMI	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	EA	EA	EA	EA	EA	LF	LF	EA	LF	LF
2024CPT.14.05.20441 Haywood	1 SR-1934 / LEROY GEORGE DR	FROM SR 1929 TO EOM	1 2	2WU N	O NO	0).22 20	0	0.22	0.42	3,050			250			20	71										
TOTAL F	FOR MAP NO. 1					0).22			0.42	3,050			250			20	71										
2024CPT.14.05.20441 Haywood	2 SR-1933 / LEROY GEORGE DR	FROM SR 1800 TO EOM	2 2	2WU N	O NO	0	0.16 22	0	0.16	0.30		2,146	367	180			29											
TOTAL F	FOR MAP NO. 2					0	0.16			0.30		2,146	367	180			29											
2024CPT.14.05.20441 Haywood	3 SR-1800 / JONES COVE RD	FROM US 19 TO US 19	3 2	2WU N	O NO) 1	1.8 18	0	1.8	3.60				1,720			148	745										
TOTAL F	FOR MAP NO. 3					1	1.8			3.60				1,720			148	745										
2024CPT.14.05.20441 Haywood	4 SR-1869 / WELLS RD	FROM NC 110 TO NC 215	3 2	2WU N	O NO	0 0).47 18	0	0.47	0.94				520			46	250										
TOTAL F	FOR MAP NO. 4					0).47			0.94				520			46	250										
		FROM US 25 BUS TO 0.025 MILES S	5.																									
2024CPT.14.05.20441 Haywood	5 SR-1147 / ALLENS CREEK RD	OF SR 1149	4 2	2WU N	O NO	0 0).63 24	0	0.63		8,888					791	48	18	12	6	4	1	1	25	25	1	100	25
	FOR MAP NO. 5					0	0.63				8,888					791	48	18	12	6	4	1	1	25	25	1	100	25
		FROM 0.025MILES S. OF SR 1149 To	0																									
2024CPT.14.05.20441 Haywood	6 SR-1147 / ALLENS CREEK RD	EOP	5 2	2WU N	O NO) 1	1.62 21	0.63	2.25						1,164	1,760	190	224		1								
TOTAL F	FOR MAP NO. 6					1	1.62								1,164	1,760	190	224		1								
TOTAL FOR BROLD	NO 2024CDT 44 OF 20444					4	4.9			5.26	11,938	2,146	367	2,670	1,164	2,551	481	1,308	12	7	4	1	1	25	25	1	100	25
TOTAL FOR PROJ N	NO. 2024CPT.14.05.20441										14,0)84										2	2					
			•	•	•	•	•	•			•	•	•		•	•	•	•	•		•	•	•		•		•	
2024CPT.14.05.10441 Haywood	7 NC-215	FROM SR 1111 TO US 276	3 2	2WU N	O NO) 2	2.86 20	15.12	17.98	5.72				3,000			303	2,250										
TOTAL F	FOR MAP NO. 7					2	2.86			5.72				3,000			303	2,250										
						2	2.86			5.72				3,000			303	2,250										
TOTAL FOR PROJ N	NO. 2024CPT.14.05.10441													-									•					
			,				•		<u> </u>			l	•		•	•	•	•	•		•	•					•	
						7	7.76			10.98	11,938	2,146	367	5,670	1,164	2,551	784	3,558	12	7	4	1	1	25	25	1	100	25
GRA	AND TOTAL							İ			14,0			•	· ·	•		•				2	,					

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.14.05.20441, 2024CPT.14.05.10441		
	9	

THERMOPLASTIC AND PAINT QUANTITIES

								441300	00000-E	4447000000-E	4457000000-N	46880	00000-E	4709000000-E			4725	00000-E			48100	00000-E	4835000000-E	48450000	000-N		489000000-E		4905100000-N
PROJECT NO COUNTY I	MAP NO ROUTE	DESCRIPTION	TYP NO	LANES LANE	LENGTH	WIDTH B	EGIN MP ENI	D MP WORK	K ZONE	PEDESTRIAN	TEMPORARY	6" X 90 M	6" X 90 M	THERMOPLASTIC	THERMO LT	THERMO RT	THERMO ST	24" YIELD LINI	E THERMO LT	THERMO STR	4" WHITE	4" YELLOW	/ 24" WHITE	PAINT STR &	PAINT LT	WHITE HOT SPRAY	YELLOW HOT SPRAY	WHITE HOT SPRAY	NON-CAST IRON
				TYPE				ADVANCE	/GENERAL	CHANNELIZING	TRAFFIC	WHITE	YELLOW	PAVEMENT	ARROW 9	0 ARROW 90	ARROW 90 N	TRIANGLE (90	RT ARROW	& RT ARROW	PAINT	PAINT	PAINT	RT ARROW	ARROW	THERMOPLASTIC	THERMOPLASTIC	THERMOPLASTIC	SNOWPLOWABLE
								WARNING	G SIGNING	DEVICES	CONTROL	THERMO	THERMO	MARKING LINES	М	М		MIL)	90 M	90 M						PAVEMENT MARKING	PAVEMENT MARKING	PAVEMENT	PAVEMENT
														(24", 90 MILS)												LINES, 4", 50 MIL	LINES, 4", 50 MIL	MARKING LINES, 24"	', MARKER
																												50 MIL	'
					MI	FT		S	SF	LF	LS	LF	LF	LF	EA	EA	EA	EA	EA	EA	LF	LF	LF	EA	EA	LF	LF	LF	EA
2024CPT.14.05.20441 Haywood	1 SR-1934 / LEROY GEORGE DR	FROM SR 1929 TO EOM	1	2 2WU	0.22	20	0 0	.22 2	26		0.63				1	1										2,400	2,400	40	
TOTAL FO	OR MAP NO. 1				0.22			2	26		0.63				1	1										2,400	2,400	40	
2024CPT.14.05.20441 Haywood	2 SR-1933 / LEROY GEORGE DR	FROM SR 1800 TO EOM	2	2 2WU	0.16	22	0 0	.16 1	18												1,690	1,690	45			1,690	1,690	45	
	OR MAP NO. 2				0.16			1	18												1,690	1,690	45			1,690	1,690	45	
2024CPT.14.05.20441 Haywood	3 SR-1800 / JONES COVE RD	FROM US 19 TO US 19	3	2 2WU	1.8	18	0 1	1.8 20	02						7		2	10.00	1							19,100	19,100	30	119
TOTAL FC	OR MAP NO. 3				1.8			20	02						7		2	10	1							19,100	19,100	30	119
2024CPT.14.05.20441 Haywood	4 SR-1869 / WELLS RD	FROM NC 110 TO NC 215	3	2 2WU	0.47	18	0 0	.47 5	56																	5,966	5,966	60	
	OR MAP NO. 4				0.47			5	56																	5,966	5,966	60	
		FROM US 25 BUS TO 0.025 MILES S.																											
2024CPT.14.05.20441 Haywood	5 SR-1147 / ALLENS CREEK RD	OF SR 1149	4	2 2WU	0.63	24	0 0	.63 7	71	50																600	9,978	18	'
TOTAL FO	OR MAP NO. 5				0.63			7	71	50																600	9,978	18	
		FROM 0.025MILES S. OF SR 1149 TO)																										
2024CPT.14.05.20441 Haywood	6 SR-1147 / ALLENS CREEK RD	EOP	5	2 2WU	1.62	21	0.63 2	.25	81																	25,662	25,662	124	'
TOTAL FO	OR MAP NO. 6				1.62			18	81																	25,662	25,662	124	
TOTAL FOR PROLING	IO. 2024CPT.14.05.20441				4.9			5!	54	50.000	0.63				8	1	2	10	1		1,690	1,690	45			55,418	64,796	317	119
TOTAL FOR PROJ NO	IO. 2024CP1.14.05.20441																	22			3,	,380					120,531		
2024CPT.14.05.10441 Haywood	7 NC-215	FROM SR 1111 TO US 276	3	2 2WU	2.86	20	15.12 17	7.98 32	20		0.37	30,201	30,201	80	2					2	36,240	36,240	80	2	2				
TOTAL FO	OR MAP NO. 7				2.86			32	20		0.370	30,201	30,201	80	2					2	36,240	36,240	80	2	2				
TOTAL FOR PROLING	IO. 2024CPT.14.05.10441				2.86			32	20		0.370	30,201	30,201	80	2					2	36,240	36,240	80	2	2				
TOTAL FOR PROJ NO	IU. 2024CP1.14.05.10441										_	60),402			_	_	4	-		72	2,480		4	-			_	
					_						_		_						_			_		_	_				
GRAN	IND TOTAL				7.76			87	74	50.000	1.000	30,201		80	10	1	2	10	1	2	37,930		125	2	2	55,418	64,796	317	119
G.I.A.												60	0,402					26			75	5,860		4			120,531		



PROJECT REFERENCE NO.

2024CPT.14.05.10441

ROADWAY DESIGN ENGINEER

RW SHEET NO.

SHEET NO.

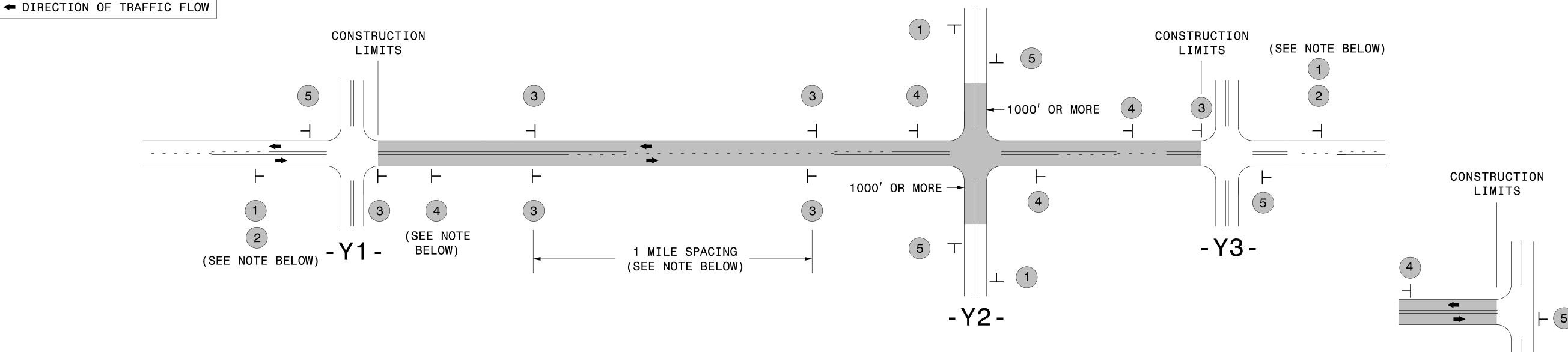
10

HYDRAULICS ENGINEER

PROJ. REFERENCE NO. SHEET NO. 2024CPT.14.01.10441 TMP-1

SIGNING FOR RESURFACING PROJECTS



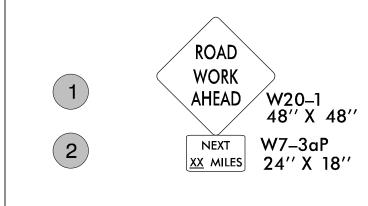


MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

IGNING NOTES AND EMENT PER DIRECTION

SO



PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS.
ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.

#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)



- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.
- AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.
- ROAD UNDER CONST 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.
 FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION
 - ALONG -L- LINE.

END ROAD WORK 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.

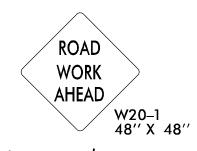
THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

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.

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

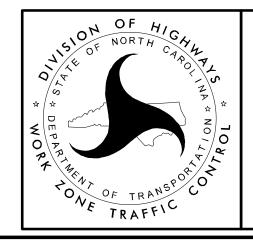
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



PLACED 500' IN ADVANCE OF FLAGGER.



PLACED 250' IN ADVANCE OF FLAGGER.



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

TEE INTERSECTION