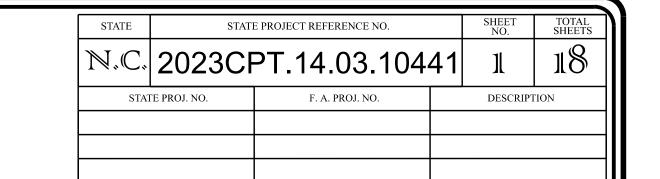
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MAP 1





BEG

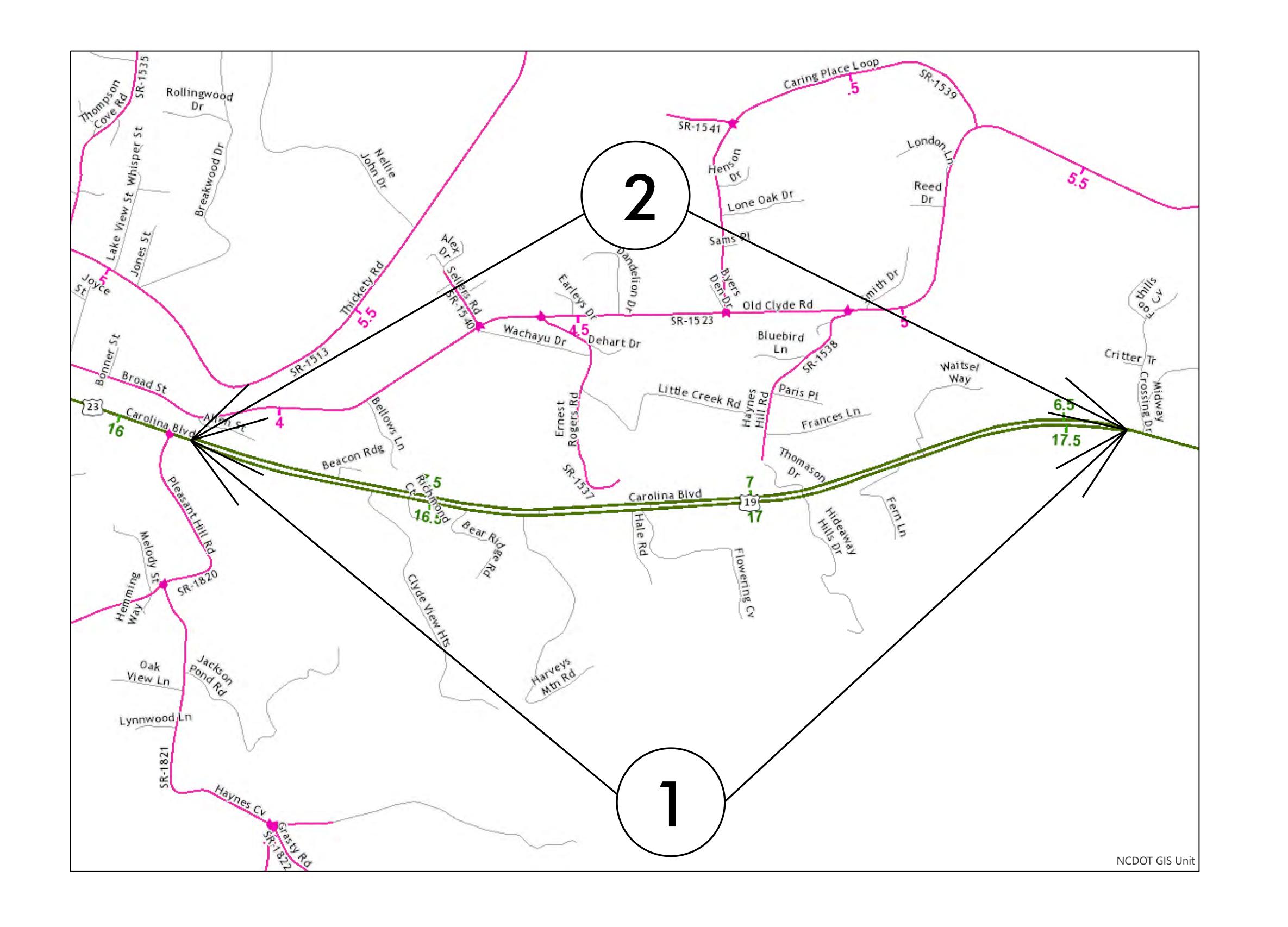
END

MAP 2





BEG



NONTRACT: DNION 795

HAYWOOD COUNTY

STATE	STAT	SHEET NO.	TOTAL SHEETS		
N.C.	2023CF	PT.14.03.104	41	2	
STAT	E PROJ. NO.	F. A. PROJ. NO.	•	DESCRIPT	TION

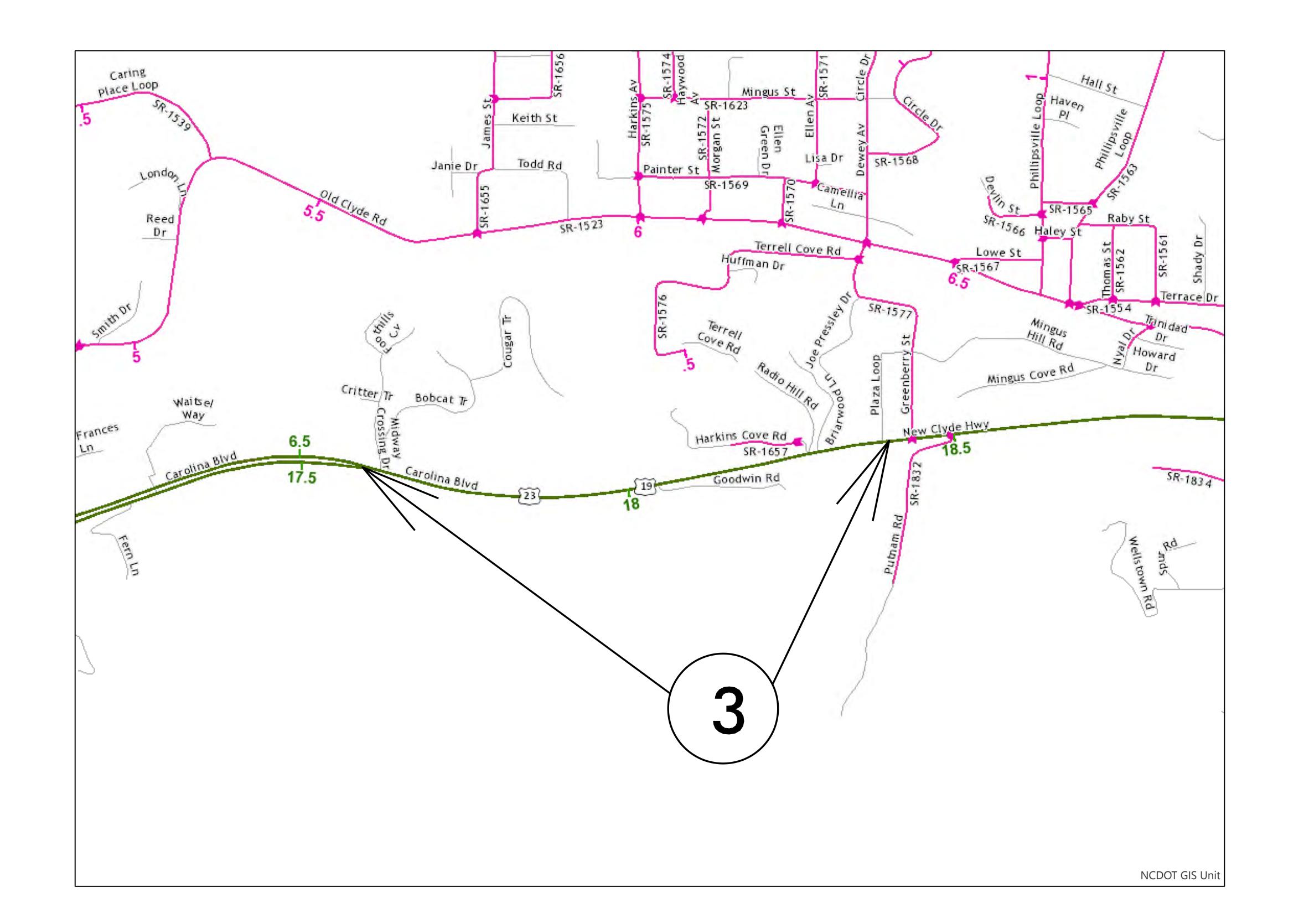


MAP 3





BEG



TONTIRA CIT. DINION 792

HAYWOOD COUNTY

STATE	STATI	STATE PROJECT REFERENCE NO.			
$\mathbb{N}.\mathbb{C}.$	2023CF	PT.14.03.204	41	3	
STAT	E PROJ. NO.	F. A. PROJ. NO.		DESCRIPT	ΓΙΟΝ



MAP 4



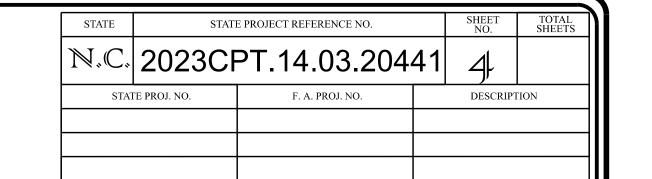


BEG

Orion Davis Rd 19 5 0075 Lyanterbury The Arrington Arrington 20 0075 Lyanterbury The	
Que de la seconda de la contenta del contenta de la contenta del contenta de la contenta del contenta de la contenta del contenta de la contenta del contenta del contenta de la contenta del con	SR-1243
And Busine 19.5 Min West Land	
Old Balsam Rd 5 Ssing C	
Galatin Galatin	
Wyers Lu Abbiepill Dr Acres View Dr Acres Vi	Double Top Dr
Harvest Dr Apple Ln Sunbeam Dr	Horse or
All High Acres Rd	Applehouse 1
Orchard Dr Dewight Wiew p. Ashley Ln	Pinnacle Dr.
Wather Or Nather Or 15 New York St. Nather Or 15 New York St. New York New	F.
Red & Blue	
Blue Ridge Sang Way Sang Way	NCDOT GIS Unit

CONTRACT: DN00793

HAYWOOD COUNTY



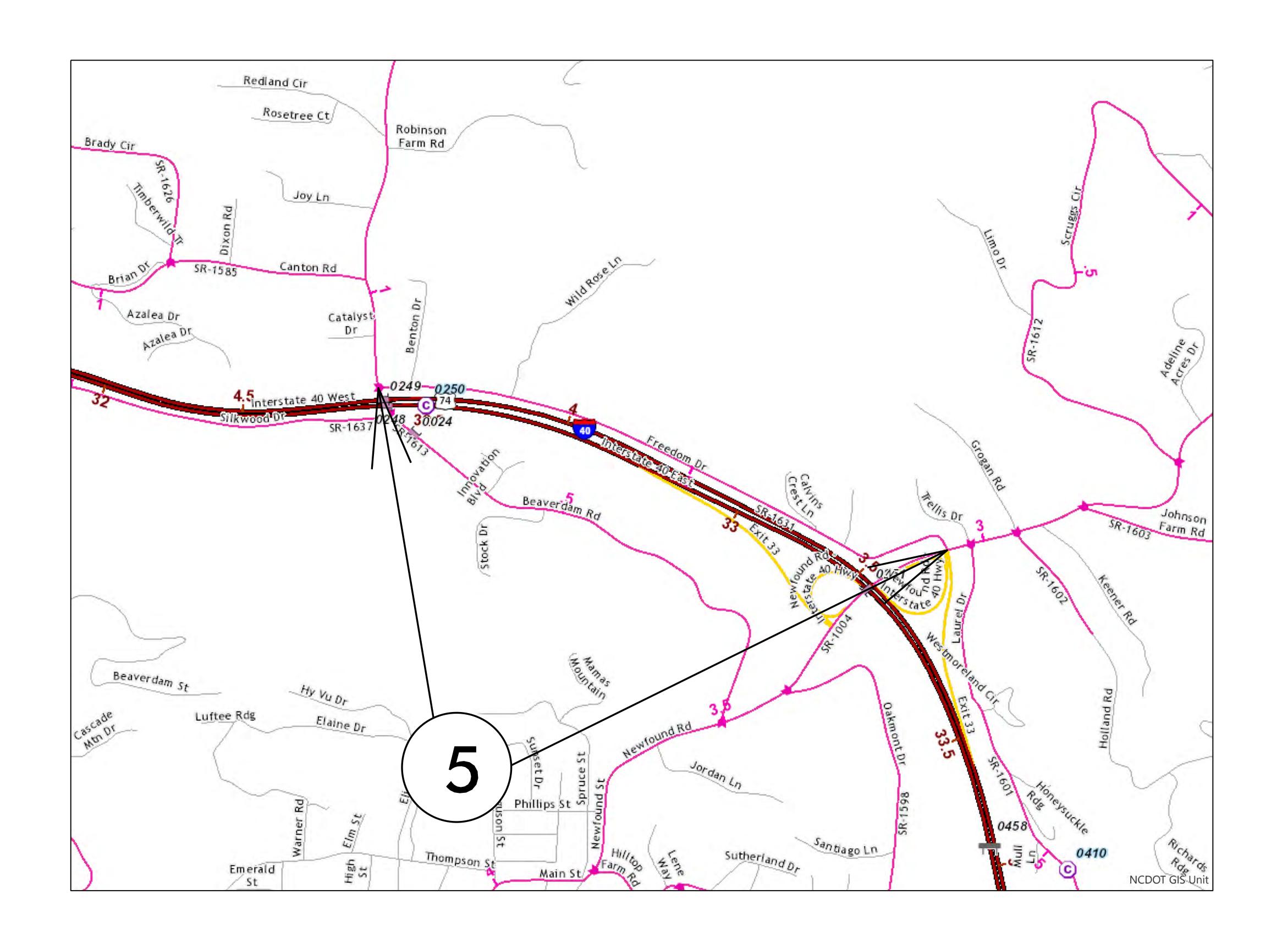


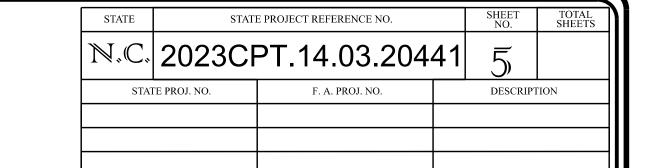
MAP 5

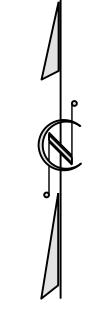




BEG





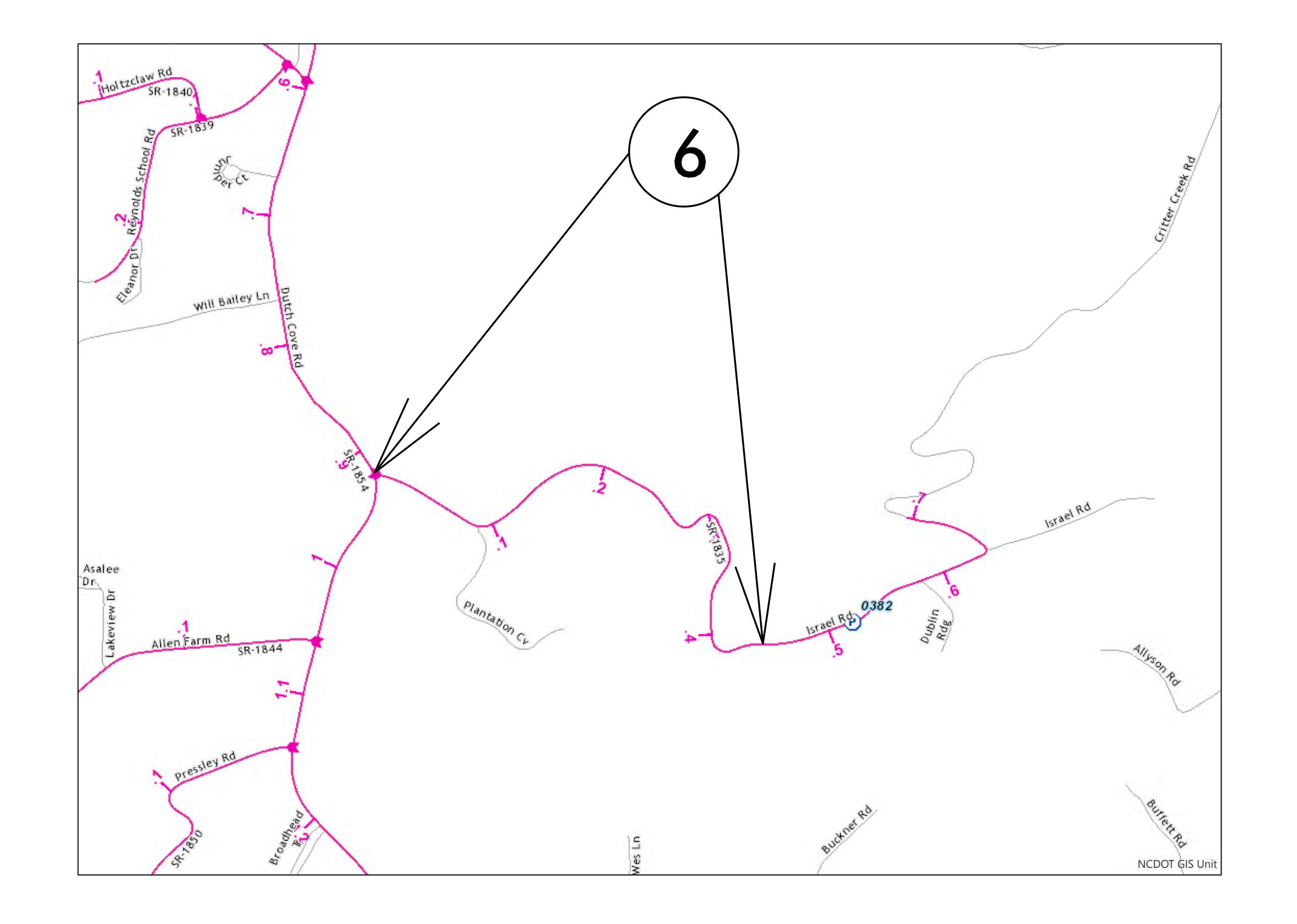


MAP 6





BEG



STATE	STATE		SHEET NO.	TOTAL SHEETS	
$\mathbb{N}_{*}\mathbb{C}_{*}$	2023CF	6			
STATE PROJ. NO.		F. A. PROJ. NO.	•	DESCRIPT	TION



MAP 7





BEG

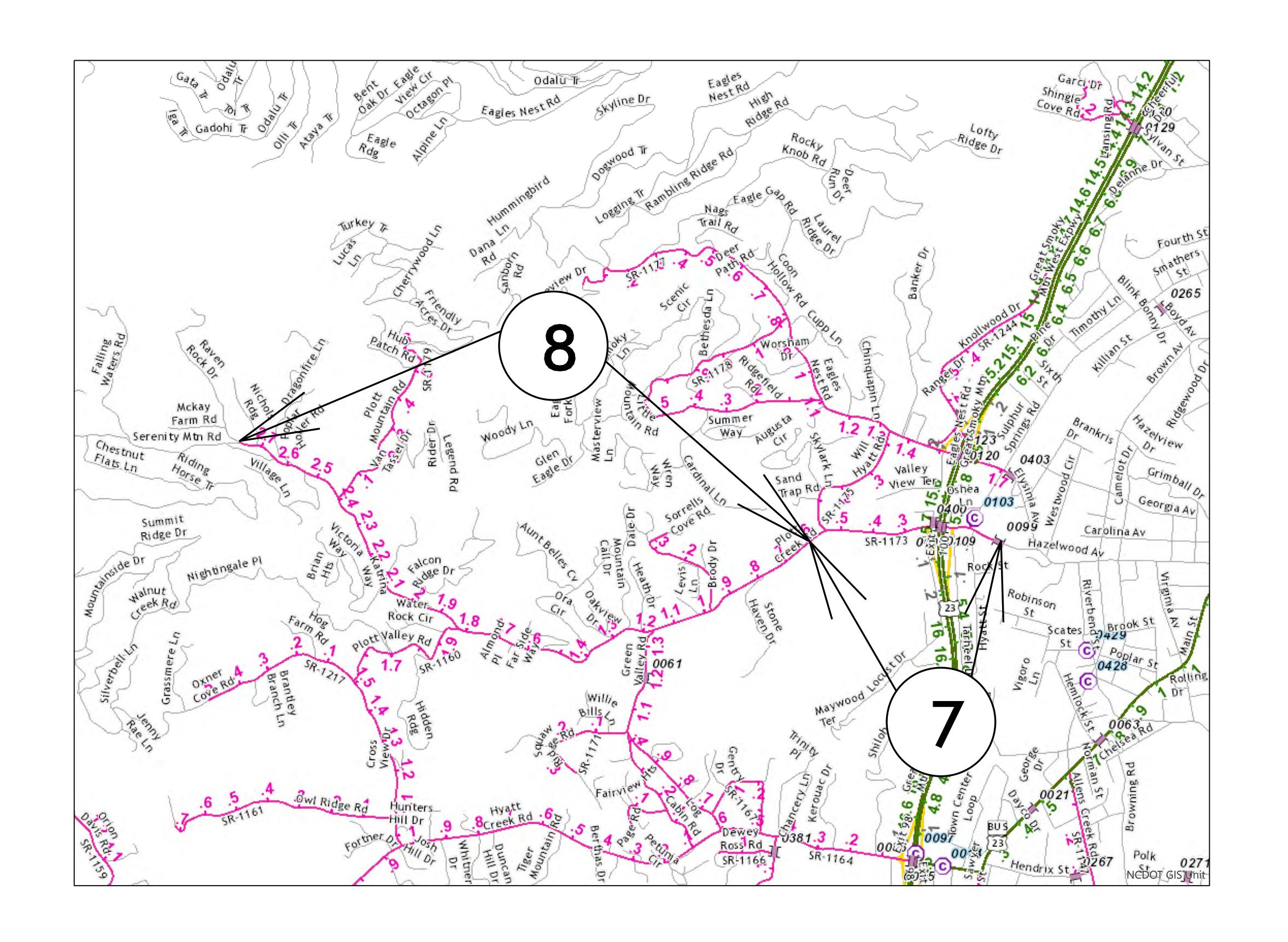
END

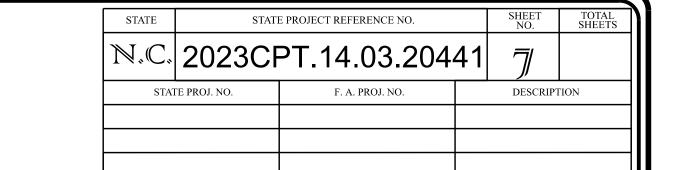
MAP 8

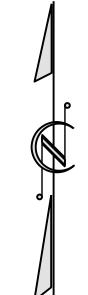




BEG







MAP 9





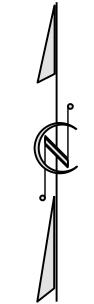
BEG

SR-1332	
Wack Caldwell	
0413 Mount	
SR-1397 Ing Rd	
Big Creek P.	
7.6	
1.5	
	NCDOT GIS Unit

ONTRA CT. DNIO0702

HAYWOOD COUNTY

STATE	STATE PROJECT REFERENCE NO.			SHEET NO.	TOTAL SHEETS
N.C.	2023CF	PT.14.03.204	41	8	
STATE	E PROJ. NO.	F. A. PROJ. NO.		DESCRIPT	TION



MAP 10



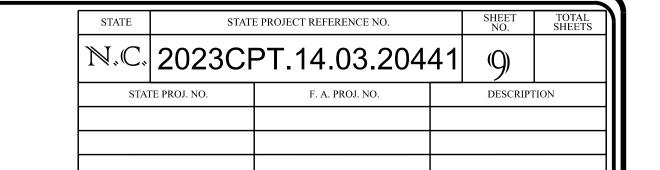


BEG

St. Or	And
10 Mamas Mountain	SR-1601 2 SR-160
Hy Vu Dr Strate St. Spruce St.	3,6 3,6 3,6 3,6 3,6 3,6 3,6 3,6 3,6 3,6
Phillips St Solution St Soluti	33.6 7.—88
Thompson St Stacey St St Stacey St	Sutherland Dr Sutherland Dr Sutherland Dr Signature O SR-1597 Was Acorn Dr Acorn Dr Acorn Dr
Sheppard St Burnette St	Hazel St Mason Dr Zions NCDOT GIS Unit

ONTRACT: DN00793

HAYWOOD COUNTY



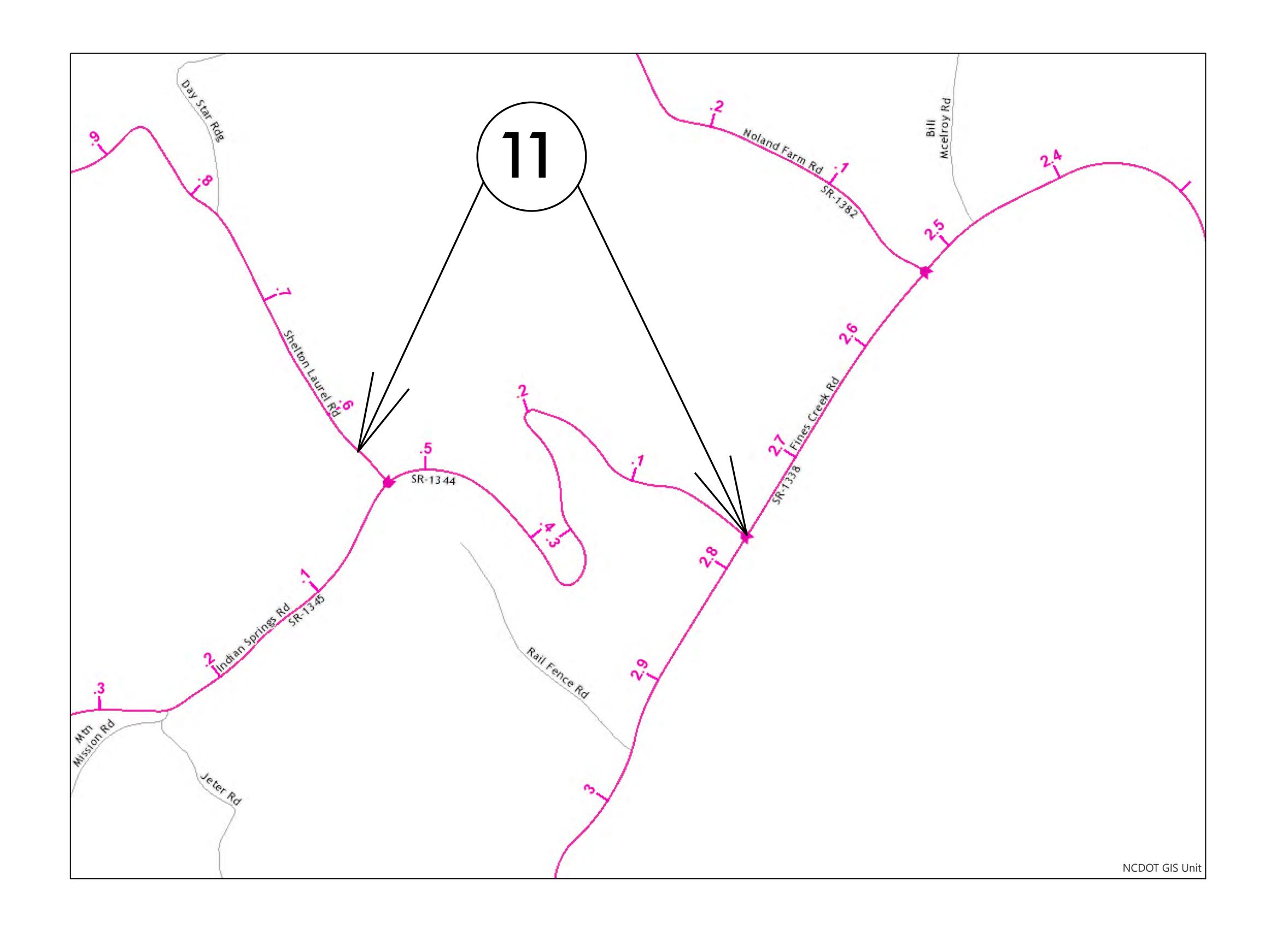


MAP 11



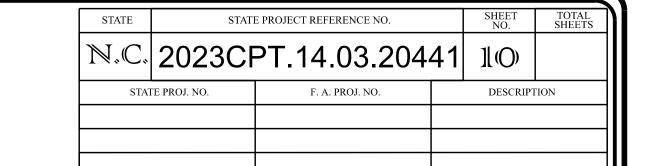


BEG



ONTRACT: DN00793

HAYWOOD COUNTY



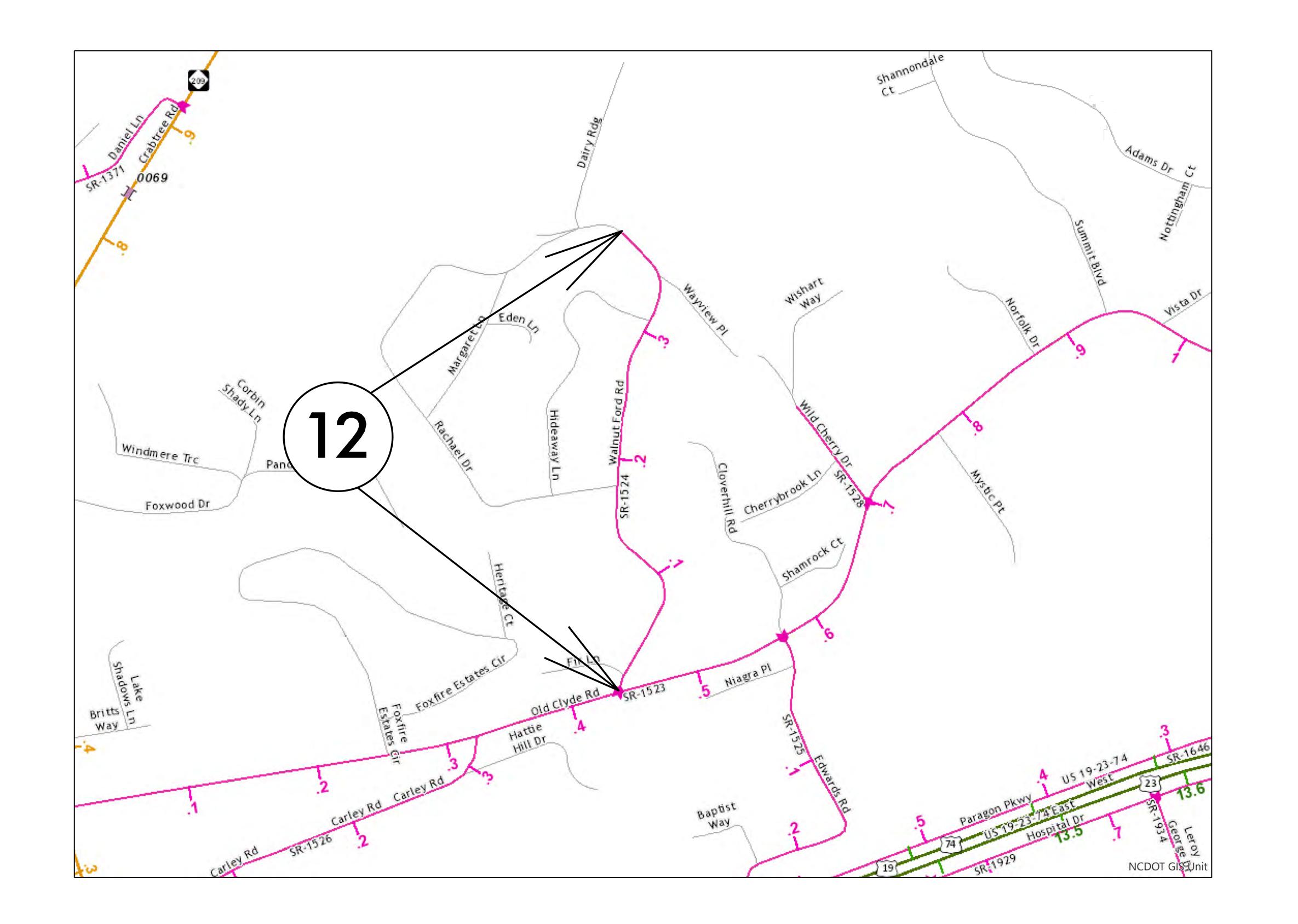


MAP 12





BEG



SURFACING SCHEDULE

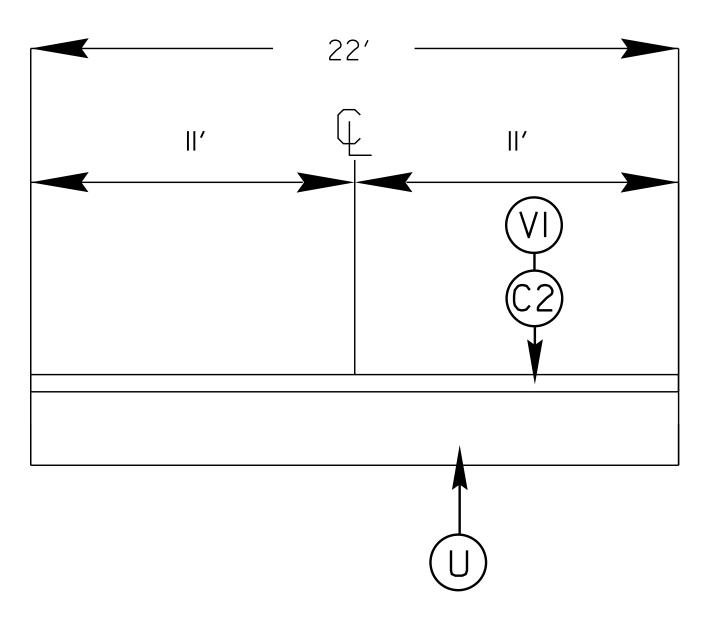
STATE	STATE PROJE	SHEET NO.	TOTAL SHEETS		
$\mathbb{N}_{\cdot}\mathbb{C}_{\cdot}$	2023CPT.	14.03.104	41	11.11	
STATE PROJ. NO.		F. A. PROJ. NO.		DESCRIPT	TION
2023CF	PT.14.03.20441				

	24′ —	
12'		12'
		VI
		CI
(V2)		
CI		
DI		

TYPICAL 1

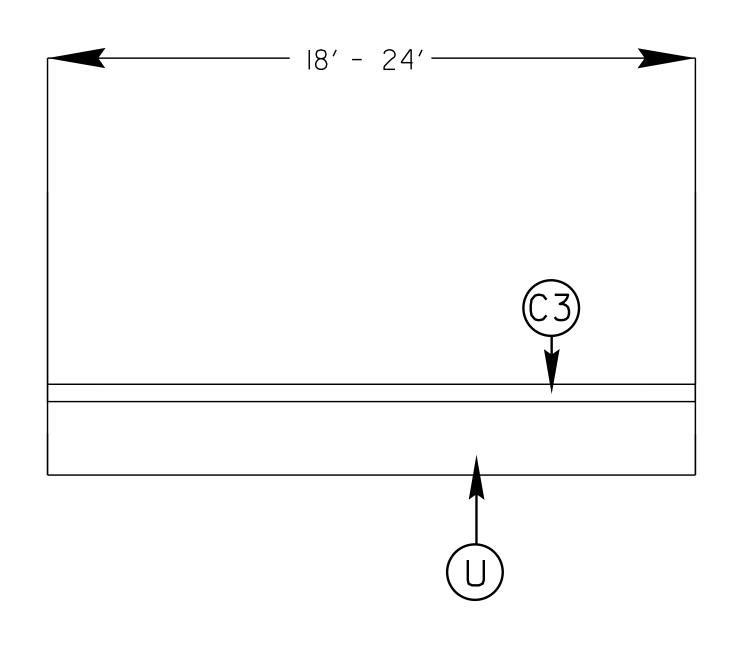
	TEM NO	DESCRIPTION
	C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURCE, TYPE S9.5C AT AN AVERAGE RATE OF 168 LBS.PER.SQ.YD
	C2	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 168 LBS.PER.SQ.YD
	C3	PROP. APPROX. 3/4" ASPHALT CONCRETE SURFACE COURSE, (LEVELING) TYPE S9.5B 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
,	V1	MILLED ASPHALT PAVEMENT 1 1/2" IN DEPTH IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER
•	V2	MILLED ASPHALT PAVEMENT 4 1/2" IN DEPTH IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER
	U	EXISTING ASPHALT

TYPICAL 3



TYPICAL 2

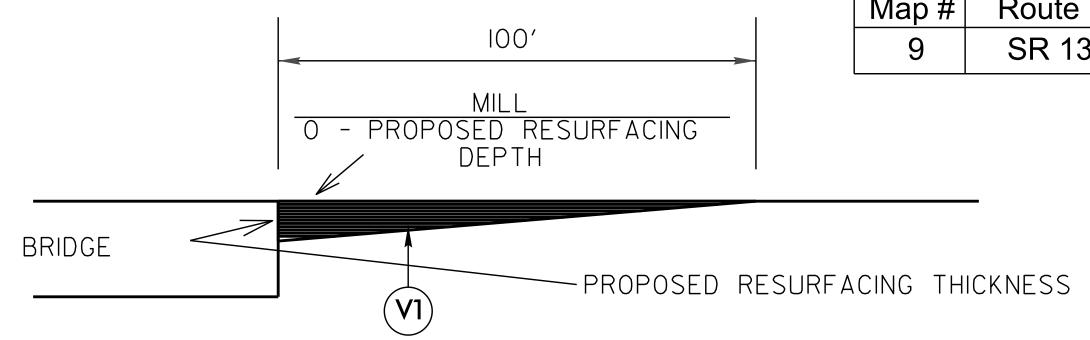
TYPICAL 4



DAMOTA D	7100100
	7.701
GITINC	717 7 17/
	ر ک <u>ا</u>

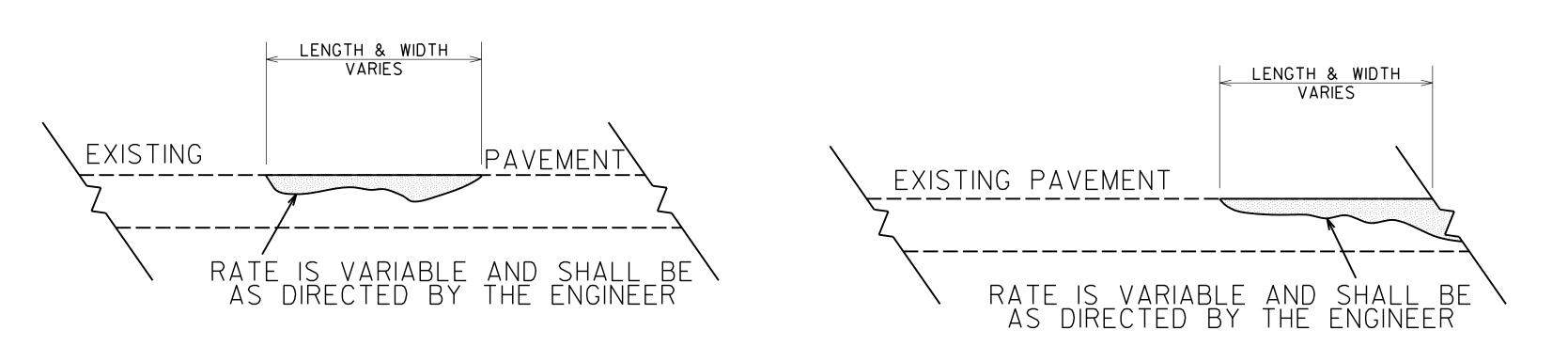
	Bridge Milling Table								
Map #	Route No.	Road Name	Structure No.	Posted SV (Tons)	Posted TTST (Tons)	Bridge Milling	Pave Across Bridge		
9	SR 1397	MOUNT STERLING RD	430413	N	Ν	No	No		

	$\mathbb{N}.\mathbb{C}.$	2023CPT.	14.03.104	41
	STAT	ΓΕ PROJ. NO.	F. A. PROJ. NO.	
	2023CF	PT.14.03.20441		



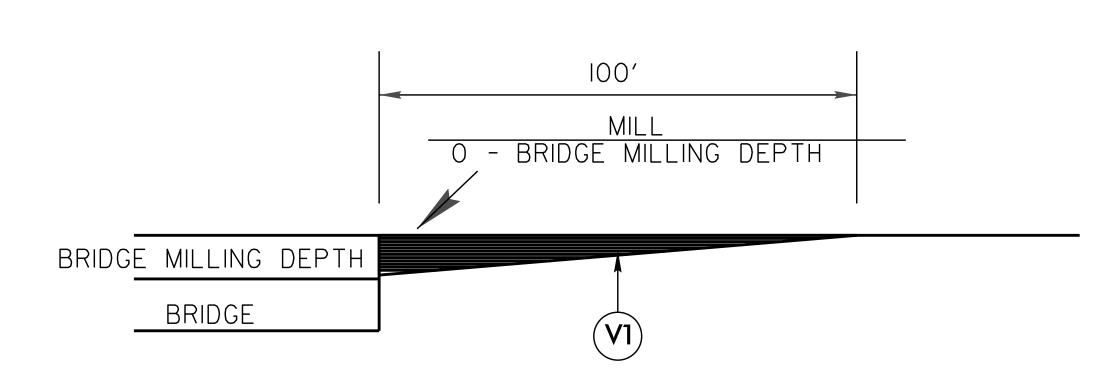
MILLING DETAIL AT BRIDGE APPROACHES

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



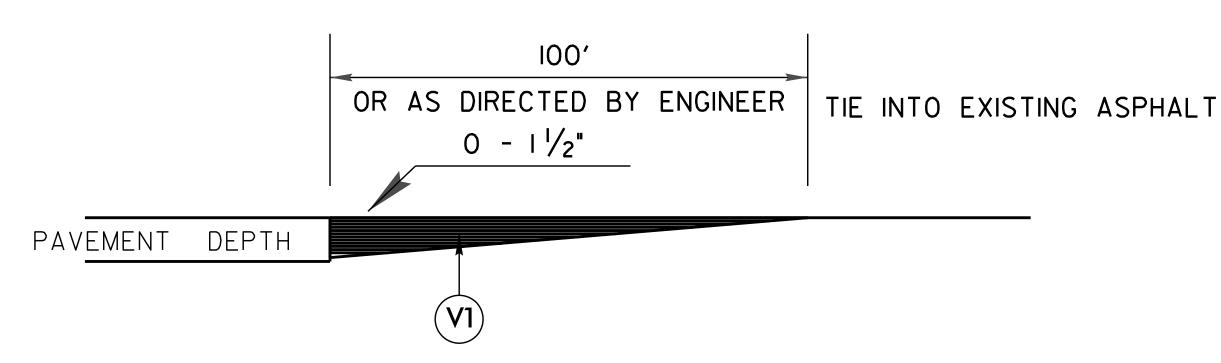
DETAIL SHOWING METHOD OF WEDGING

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



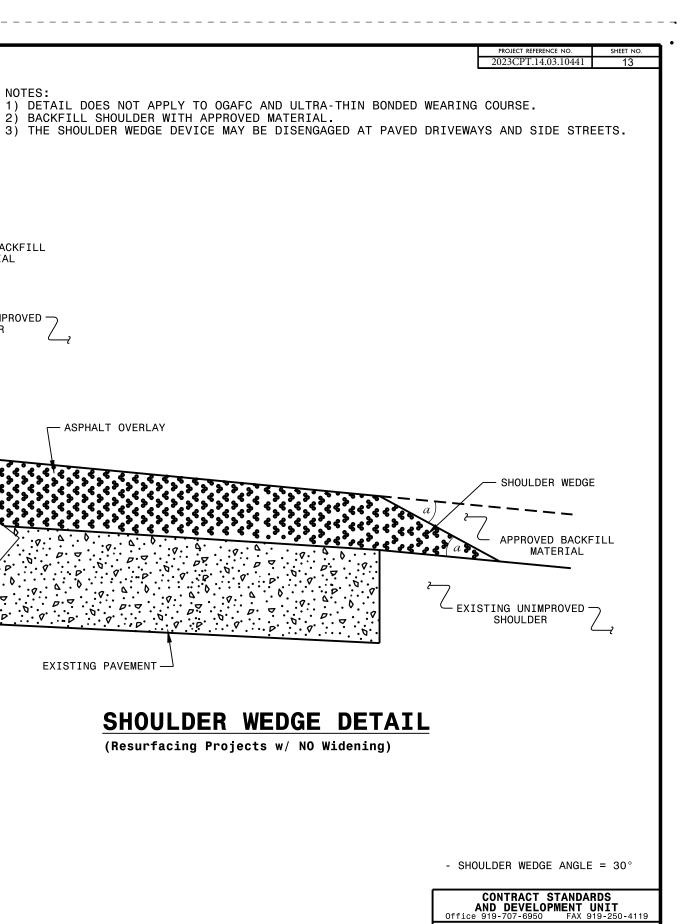
MILLING DETAIL AT BRIDGE APPROACHES

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



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.

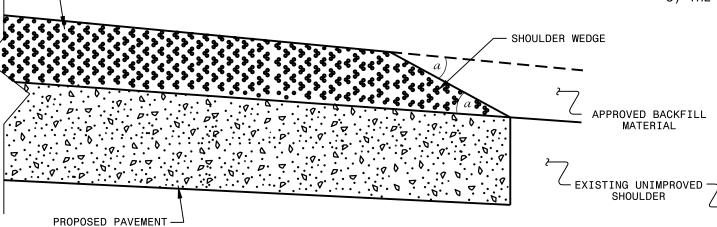


NOTES:

1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.

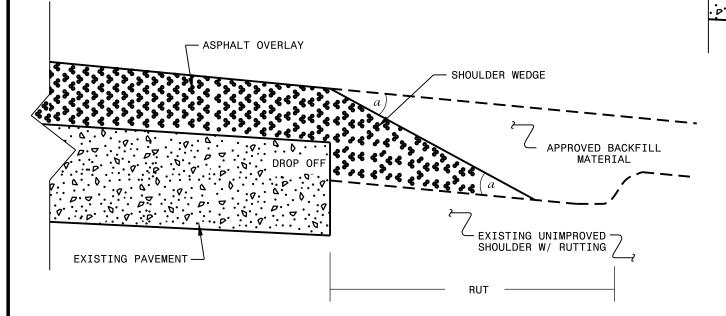
- ASPHALT OVERLAY

EXISTING PAVEMENT —



SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ Widening or with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ NO Widening)

SHOULDER WEDGE **DETAILS**

ORIGINAL BY:	T.SPELL DATE:	7-19-11
MODIFIED BY:	DATE:	10/16/12
CHECKED BY:_	DATE:	
FILE SPEC s	usr/details/stand/shoulderwedg	edetail.dgn

SHOULDER WEDGE DETAIL

(Resurfacing Adjacent to Rutted Shoulder)

ASPHALT OVERLAY

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.14.03.10441, 2023CPT.14.03.20441	14	

SUMMARY OF QUANTITIES

PROJECT NO	170400000 E	157500000 F	153300000 F	153000000 E	1510000000 F	150200000 F															
TOTAL FOR MAPNO 1		1575000000-E	1523000000-E	1520000000-E	1519000000-E	1503000000-E	133000000-E			MIDTH	LENGTH	MANA DA A A ANA	FINIAL	LANE	LANEC	TVD NO	DESCRIPTION	DOUTE	NAAD NO	COLINITY	DDOJECT NO
Page		ASPHALT BINDER	SURFACE COURSE, 59.5C							WIDIH	LENGIH			1	LANES	ITPNO	DESCRIPTION	ROUTE	MAP NO	COUNTY	PROJECT NO
PROM_PVMT_CINGE_002 MILES	T MIX PAVEMENT	FOR PLANT IVIIX		39.5B	39.58	COURSE, 119.0C	MILLING	WILLING	WILLING					TYPE							
	S TONS	TONS	TONS	TONS	TONS	TONS	sv	SV	sv	FT		REQUIRED									
Description	1013	10143	10103	10143	10143	10113	31	31	31		1411		REQUIRED			+	FROM PVMT CHNGE 0.02 MILES F				
2025FF13.03.10442 Inspected 1		•																			
TOTAL FOR MAP NO. 1		207	1.904			1.938		11.000	11 000	24	1.5	NO	NO	MD	2	1		US 19 F	1	Havwood	2023CPT 14 03 10441
Proceedings Proceedings Procedure		207												5	_	+	(2.122)		OR MAP N		20200111211001201112
2023CFT.14.03.1041 Isymond 2			2,50 :			_,,,,,		11,000	22,000							+	FROM BEGIN OF DIVIDED HWY (MP		1		
TOTAL FOR MAP NO. 2 FROM DIVIDED HAVY (IMP 37.63) TOTAL FOR MAP NO. 3 US 19 FROM DIVIDED HAVY (IMP 37.63) TOTAL FOR MAP NO. 3 US 19 GREENBERRY ST) 2 2 MU NO NO 0.77 54 13,101 11,293 1,399 2,110 22 2,110 2		204	1.878			1.911		10.854	10.853	24	1.48	NO	NO	MD	2			US 19 W	2	Havwood	2023CPT.14.03.10441
FROM BIUDIDED INVERSE FROM SECTION FROM SECTI		204														 	,		OR MAP		
20/34CPT.14.03.10441 Haywood 5 SR 1209 (ACRES VIEW DRIVE) FROM \$1.53 (SAUNDOK RD) TOTAL FOR NAP NO. 5 20/34CPT.14.03.20441 Haywood 5 SR 1209 (ACRES VIEW DRIVE) FROM \$1.53 (SAUNDOK RD) TOTAL FOR NAP NO. 5 20/34CPT.14.03.20441 Haywood 5 SR 1209 (ACRES VIEW DRIVE) FROM \$1.53 (SAUNDOK RD) TOTAL FOR NAP NO. 6 20/34CPT.14.03.20441 Haywood 5 SR 1209 (ACRES VIEW DRIVE) FROM \$1.53 (SAUNDOK RD) TOTAL FOR NAP NO. 6 20/34CPT.14.03.20441 Haywood 5 SR 1209 (ACRES VIEW DRIVE) FROM \$1.53 (SAUNDOK RD) TOTAL FOR NAP NO. 6 20/34CPT.14.03.20441 Haywood 5 SR 1209 (ACRES VIEW DRIVE) FROM \$1.53 (SAUNDOK RD) TOTAL FOR NAP NO. 6 20/34CPT.14.03.20441 Haywood 5 SR 1209 (ACRES VIEW DRIVE) FROM \$1.53 (SAUNDOK RD) TOTAL FOR NAP NO. 6 20/34CPT.14.03.20441 Haywood 5 SR 1209 (ACRES VIEW DRIVE) FROM \$1.53 (SAUNDOK RD) TOTAL FOR NAP NO. 6 20/34CPT.14.03.20441 Haywood 5 SR 1209 (ACRES VIEW DRIVE) FROM \$1.53 (SAUNDOK RD) TOTAL FOR NAP NO. 6 20/34CPT.14.03.20441 Haywood 5 SR 1209 (ACRES VIEW DRIVE) FROM \$1.53 (SAUNDOK RD) TOTAL FOR NAP NO. 6 20/34CPT.14.03.20441 Haywood 5 SR 1209 (ACRES VIEW DRIVE) FROM \$1.50 (ACRES VIEW DRIVE			,			,-		-,	,								FROM DIVIDED HWY (MP 17.61) TO				
20/33CFT.14.03.10411 Haywood 3																					
TOTAL FOR PAID NO. 3 TOTAL FOR PAID NO. 2022CFT.14.03.1041		222	2.110			1.989		11.293	13.101	54	0.77	NO	NO	MU	2	2		US 19	3	Havwood	2023CPT.14.03.10441
TOTAL FOR PROJ NO. 2023CPT.14.03.10441 Haywood S SR 1269 (ACRES VIEW DRIVE) EDM 4 2 2VU NO NO 0.522 19 440 2.25 10 1,112 1		222															, i		OR MAP		
TOTAL FOR MAP NO. 8 SR 1289 (ACRES VIEW ORIVE) FROM SR 1133 (SAUNOK RD) TO SR 1004 (NEWFOUND RD) A Z ZWU NO NO 0.522 S SR 1631 (FREEDOM DR) SR 1004 (NEWFOUND RD) A Z ZWU NO NO 0.522 S SR 1631 (FREEDOM DR) SR 1004 (NEWFOUND RD) A Z ZWU NO NO 0.542 S SR 1631 (FREEDOM DR) SR 1004 (NEWFOUND RD) A Z ZWU NO NO 0.542 S SR 1631 (FREEDOM DR) SR 1004 (NEWFOUND RD) A Z ZWU NO NO 0.542 S SR 1004 (NEWFOUND RD) A Z ZWU NO NO 0.544 S S SR 1004 (NEWFOUND RD) A Z ZWU NO NO 0.544 S S Z Z Z Z Z Z Z Z		633																			_
2023CPT.14.03.2041 Howood 4 SR 1269 (ACRES VIEW DRIVE) FROM SR 1153 (SAUNOOK RD) TO EOM 4 2 2WU NO NO 0.522 19 440 22 2WU NO NO 0.54 24 11.112			-,			-,										\vdash		PT.14.03.10441	IO. 2023C	FOR PROJ I	TOTA
2023CPT.14.03.20441 Haywood 4				L			· ·	I		•	•	•			•						
TOTAL FOR MAP NO. 4 2023CPT.14.03.20441 Haywood 5 SR 1631 (FREEDOM DR) FROM SR 1613 (BEAVERDAM RD) TO SR 1004 (NEWFOUND RD) 4 2 2WU NO NO 0.94 24 2023CPT.14.03.20441 Haywood 6 SR 1835 (ISRAEL RD) FROM SR 1854 (IOUTCH COVERD) TO EVER SPRINGS RD) TO 0.05 W. D. SR 1956 (INCHER) FROM SR																	FROM SR 1153 (SAUNOOK RD) TO				
FROM \$1 613 (BEAVERDAM RD) TO FROM \$1 613 (BEAVERDAM RD) T		29		440						19	0.522	NO	NO	2WU	2	4	EOM	SR 1269 (ACRES VIEW DRIVE)	4	Haywood	2023CPT.14.03.20441
2023CPT.14.03.20441 Haywood 5 SR 1631 (FREEDOM DR) SR 1004 (NEWFOUND RD) 4 2 2WU NO NO 0.94 24		29		440							0.522							NO. 4	OR MAP	TOTAL	
TOTAL FOR MAP NO. 5 2023CPT.14.03.20441 Haywood 6 SR 1835 (ISRAEL RD) FROM SR 1854 (DUTCH COVE RD) TO EOP 4 2 2WU NO NO 0.44 18 390 26 TOTAL FOR MAP NO. 6 SR 1835 (ISRAEL RD) FROM BRIDGE (0.09 E. OF SR 1176 SULPHER SPRINGS RD) TO 0.05 W. 3 2 WD NO NO 0.6 22 8,143 122 725 45 2023CPT.14.03.20441 Haywood 7 SR 1173 (PLOTT CRK RD) FROM SULES E. OF SR 1175 (WILL HYATT RD) TO EOP 4 2 2WU NO NO NO 2.18 20 5 1,759 11 2023CPT.14.03.20441 Haywood 8 SR 1173 (PLOTT CRK RD) (WILL HYATT RD) TO EOP 4 2 2WU NO NO 0.5 18 118 550 330 2023CPT.14.03.20441 Haywood 9 SR 1397 (MOUNT STERLING RD) (WATERVILLE RD) TO EOP 4 2 2WU NO NO 0.5 0.5 18 118 550 330 2023CPT.14.03.20441 Haywood 10 SR 1004 (NEWFOUND RD) (WILLES E. OF SR 1359 (MILES N. OF SR 1598 OARMONT RD) TO SR																	FROM SR 1613 (BEAVERDAM RD) TO				
2023CPT.14.03.2041	400	75		1,112						24	0.94	NO	NO	2WU	2	4	SR 1004 (NEWFOUND RD)	SR 1631 (FREEDOM DR)	5	Haywood	2023CPT.14.03.20441
2023CPT.14.03.20441 Haywood 5 SR 1835 (ISRAELRD) EOP 4 2 2WU NO NO 0.44 18	400	75		1,112							0.94							NO. 5	OR MAP	TOTAL	
TOTAL FOR MAP NO. 6 FROM BRIDGE (0.09 E. OF SR 1176 SULPHER SPRINGS RD) TO 0.05 W. SULPHER S																,	FROM SR 1854 (DUTCH COVE RD) TO				
FROM BRIDGE (0.09 E. OF SR 1176 SULPHER SPRINGS RD) TO 0.05 W. OF SR 1175 (WILL HYATT RD) 3 2 2W NO NO 0.6 22 8,143 122 725 9 9 9 9 9 9 9 9 9		26		390						18	0.44	NO	NO	2WU	2	4	EOP	SR 1835 (ISRAEL RD)	6	Haywood	2023CPT.14.03.20441
2023CPT.14.03.2044		26		390							0.44							NO. 6	OR MAP	TOTAL	
2023CPT.14.03.20441 Haywood 7																	FROM BRIDGE (0.09 E. OF SR 1176				
2023CPT.14.03.20441 Haywood 7																	SULPHER SPRINGS RD) TO 0.05 W.				
2023CPT.14.03.20441 Haywood 8 SR 1173 (PLOTT CRK RD) FROM 0.05 MILES WEST OF SR 1175 (WILL HYATT RD)TO EOP 4 2 2WU NO NO 2.18 20 1.759 11 1.759	331	49			725		122		8,143	22	0.6	NO	NO	2WD	2	3	OF SR 1175 (WILL HYATT RD)	SR 1173 (PLOTT CRK RD)	7	Haywood	2023CPT.14.03.20441
2023CPT.14.03.2044	331	49			725		122		8,143		0.6							NO. 7	OR MAP	TOTAL	
TOTAL FOR MAP NO. 8 TOTAL FOR MAP NO. 8 FROM 0.02 MILES E. OF SR 1332 (WATERVILLE RD) TO EOP 4 2 2WU NO NO NO 0.56 18 TOTAL FOR MAP NO. 9 FROM MP 3.35 (0.04 MILES N. OF SR 1596 1598 OAKMONT RD) TO SR 1596 TOTAL FOR MAP NO. 10 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 TOTAL FOR MAP NO. 10 Label Street Str																	FROM 0.05 MILES WEST OF SR 1175				
2023CPT.14.03.20441	344	118		1,759						20	2.18	NO	NO	2WU	2	4	(WILL HYATT RD)TO EOP	SR 1173 (PLOTT CRK RD)	8	Haywood	2023CPT.14.03.20441
2023CPT.14.03.2044 Haywood 9 SR 1397 (MOUNT STERLING RD) (WATERVILLE RD) TO EOP 4 2 2WU NO NO 0.56 18 118 118 550 37 18 18 18 18 18 18 18 1	344	118		1,759							2.18							NO. 8	OR MAP	TOTAL F	
TOTAL FOR MAP NO. 9 550 37 TOTAL FOR MAP NO. 9		•															FROM 0.02 MILES E. OF SR 1332				
TOTAL FOR MAP NO. 10 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1596 FROM MP 3.35 (0.04 MILES N. OF SR 1598 OAKMONT RD) TO SR 1598 OAKMO		37								18		NO	NO	2WU	2	4	(WATERVILLE RD) TO EOP				2023CPT.14.03.20441
2023CPT.14.03.20441 Haywood 10 SR 1004 (NEWFOUND RD) (HILLTOP FARM RD) 4 2 2WU NO NO 0.5 20 406 27 TOTAL FOR MAP NO. 10 406 27		37		550			118				0.56							NO. 9	OR MAP	TOTAL	
2023CPT.14.03.20441 Haywood 10 SR 1004 (NEWFOUND RD) (HILLTOP FARM RD) 4 2 2WU NO NO 0.5 20 406 27 TOTAL FOR MAP NO. 10 406 27		•															FROM MP 3.35 (0.04 MILES N. OF SR				
TOTAL FOR MAP NO. 10 0.5 406 27		•															· ·				
	251	27								20		NO	NO	2WU	2	4	(HILLTOP FARM RD)	, , , , , , , , , , , , , , , , , , , ,			2023CPT.14.03.20441
FROM MP 0 (SR 1338) TO MP 0.562	251	27		406							0.5							IO. 10	OR MAP N	TOTAL F	
		i																			
		35								19		NO	NO	2WU	2	4	(EOP)				2023CPT.14.03.20441
		35		525							0.56							10. 11	OR MAP N	TOTAL F	
FROM MP 0 (SR 1523 OLD CLYDE RD)		i																			
		19								18		NO	NO	2WU	2	4	TO MP 0.39 (EOM)				2023CPT.14.03.20441
		19																10. 12	OR MAP N	TOTAL F	
TOTAL FOR PROLING 20/3/PT 14 03 20/4/1	1,326	415		5,465	725		240				6.692							PT.14.03.20441	IO. 2023C	FOR PROJ I	TOTAL
8,143								43	8,	<u> </u>						$oldsymbol{ol}}}}}}}}}}}}}}}}}}$					
		4.040	F 000	- 4C-	725	F 020	240	22.447	42.00=	ı	40.445	1			1		1				
GRANDIOTAL	3 1,326	1,048	5,892	5,465	/25	5,838	240				10.442				-	+		L	ND TOTA	GRA	
76,244								244	76,	l											

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.14.03.10441, 2023CPT.14.03.20441	15	

THERMOPLASTIC AND PAINT QUANTITIES

						-		4413000000-E	4457000000-N		4720000000-E	4725000000-E		00000-E			4890000000	0-F	4891000000-E	4895000000-N
PROJECT NO COL	UNTY MAP N	IO ROUTE	DESCRIPTION	TYP NO	LANES	LANE LENGTH	WIDTH	WORK ZONE		8" X 90 M YELLOW	THERMO MSG	THERMO LT ARROW		4" YELLOW	GENERIC	GENERIC		GENERIC PAVE. MARK ITEM 4" X 50		GENERIC PAVE.
1.1.05201.110			2200111111011		27 11 12 2	TYPE		ADVANCE/GENERAL	CONTROL	THERMO	SCHOOL 90 M	90 M	PAINT	PAINT	PAVE. MARK			MIL YELLOW THERMO.	THERMO	MARK ITM. NON-
								WARNING SIGNING	CONTINUE	THE INVIO	301100130141	30 141	I All I	I Aller	ITEM 6" X 50			INIE TEEEOW THERINO.	THE REAL PROPERTY OF THE PERTY	CAST IRON
								WARINING SIGINING												
															MIL WHITE	MIL YELLOW	MIL WHITE			SNOWPLOWABLE
															THERMO	THERMO.	THERMO			PAVEMENT
																				MARKERS
						MI	FT	SF	LS	LF	EA	EA	LF	LF	LF	LF	LF	LF	LF	EA
			FROM PVMT CHNGE 0.02 MILES E OF																	
			SR 1820 TO END OF DIVIDED HWY																	
2023CPT.14.03.10441 Hay	ywood 1	US 19 E	(MP 17.61)	1	2	MD 1.5	24	168	0.62	120			11,088		11,088	8,950				205
	TOTAL FOR M	AP NO. 1				1.5		168	0.62	120			11,088		11,088	8,950				205
			FROM BEGIN OF DIVIDED HWY (MP																	
2023CPT.14.03.10441 Hay	ywood 2	US 19 W	6.39) TO 0.02 MILES E OF SR 1820	1	2	MD 1.48	24	168		130			10,941		10,940	7,814				195
	TOTAL FOR M	AP NO. 2				1.48		168		130			10,941		10,940	7,814				195
			FROM DIVIDED HWY (MP 17.61) TO										<u> </u>		1					
			0.08 MILES W. OF SR 1577											1						
2023CPT.14.03.10441 Hay	vwood 3	US 19	(GREENBERRY ST)	2	2	MU 0.77	54	126				1	11,348	I	11,384	11,384			İ	212
	TOTAL FOR M		(GAZZASZINI SI)		 	0.77	34	126				†	11,348	 	11,384	11,384	 	<u> </u>	 	212
	TOTALTOKIN	AF 110. 3				3.75	+	462	0.62	250		+	33,377		33,412	28,148				612
TOTAL FO	OR PROJ NO. 20	23CPT.14.03.10441		1		3./3	+	402	0.02	230		+		377	33,412	20,140	61,560	l	 	012
			l	L						l .	l .	1	33	,3//	<u> </u>		01,560		l	L
ļ	-		EDOM CD 44E3 (CALINGOV DD) TO			1	1	1		1	ı	1	1		1	1		T	1	
			FROM SR 1153 (SAUNOOK RD) TO		_			4.1												
2023CPT.14.03.20441 Hay			EOM	4	2	2WU 0.522	19	64	0.38				13,096	13,096						
	TOTAL FOR M	AP NO. 4				0.522		64	0.38				13,096	13,096						
			FROM SR 1613 (BEAVERDAM RD) TO																	
2023CPT.14.03.20441 Hay		SR 1631 (FREEDOM DR)	SR 1004 (NEWFOUND RD)	4	2	2WU 0.94	24	102					19,852	19,852						124
	TOTAL FOR M	AP NO. 5				0.94		102					19,852	19,852						124
			FROM SR 1854 (DUTCH COVE RD) TO																	
2023CPT.14.03.20441 Hay	ywood 6	SR 1835 (ISRAEL RD)	EOM	4	2	2WU 0.44	18	51					9,293	9,293						
	TOTAL FOR M	AP NO. 6				0.44		51					9,293	9,293						
			FROM BRIDGE (0.09 E. OF SR 1176																	
			SULPHER SPRINGS RD) TO 0.05 W.																	
2023CPT.14.03.20441 Hay	ywood 7	SR 1173 (PLOTT CRK RD)	OF SR 1175 (WILL HYATT RD)	3	2	2WD 0.6	22	62		110	12	2	6,336	6,336			3,168	3,168	84	
	TOTAL FOR M	AP NO. 7				0.6		62		110	12	2	6,336	6,336			3,168	3,168	84	
			FROM 0.05 MILES West OF SR 1175										•					·		
2023CPT.14.03.20441 Hay	ywood 8	SR 1173 (PLOTT CRK RD)	(WILL HYATT RD)TO EOP	4	2	2WU 2.18	20	223					46,040	46,040						
	TOTAL FOR M		, , , , , ,			2.18		223					46,040	46,040						
	1		FROM 0.02 MILES E. OF SR 1332	†	1							†	12,0.0	,	1	1				
2023CPT.14.03.20441 Hay	ywood 9	SR 1397 (MOUNT STERLING RD)		4	2	2WU 0.56	18	58					11,827	11,827						
	TOTAL FOR M		(3311211112121113) 13 201	-	-	0.56	10	58				+	11,827	11,827	1	1				
	. STALTON W	N. 110. 3	FROM MP 3.35 (0.04 MILES N. OF SR	 		0.30	-	30				†	11,027	11,027	 	†	 		 	
	1											1		I		1			İ	
2023CPT.14.03.20441 Hay	nwood 10	SP 1004 (NEWFOLIND PD)	1598 OAKMONT RD) TO SR 1596 (HILLTOP FARM RD)	A	2	2WU 0.5	20	33					10,560	10,560						66
			(HILLIOF FARIVIRD)	4			20			-		+	· '		 	+		 	-	66
Г	TOTAL FOR MA	4F NO. 10	FDOM MAD O (CD 4220) TO MAD 0 550			0.5	_	33				1	10,560	10,560	-	 	 		-	bb
2022 CDT 44 02 20444		CD 4344 (CHELTON LATER)	FROM MP 0 (SR 1338) TO MP 0.562			214/11	10	F-7				1	44.027	44.027		1			İ	
2023CPT.14.03.20441 Hay		- 1	(EOP)	4	2	2WU 0.56	19	57				+	11,827	11,827	 	1	-			
ļ	TOTAL FOR MA	AP NO. 11	5004440 0 (50 4500 0) D 5:::=====	ļ		0.56		57				ļ	11,827	11,827	ļ					
1	.1		FROM MP 0 (SR 1523 OLD CLYDE RD)									1		l		1			İ	
2023CPT.14.03.20441 Hay			TO MP 0.39 (EOM)	4	2	2WU 0.39	18	40				1	8,240	8,240	<u> </u>	<u> </u>	ļ		ļ	
	TOTAL FOR MA	AP NO. 12				0.39		40				1	8,240	8,240		1				ļ
TOTAL FO	OR PROLING 20	23CPT.14.03.20441		ļ		6.692		690	0.38	110	12	2	137,071	137,071	ļ		3,168	3,168	84	190
ISTALTO													274	,142			6,336			
	GRAND T	OTAL				10.442		1,152	1	360	12	2	170,448	137,071	33,412	28,148	3,168	3,168	84	802
	GRAND I	UIAL											307	,519			67,896			
-			•	•			_	•							•					

 PROJ. REFERENCE NO.
 SHEET NO.

 2023CPT.14.03.10441
 16

SIGNING FOR RESURFACING PROJECTS



TEE INTERSECTION

CONSTRUCTION

LIMITS

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

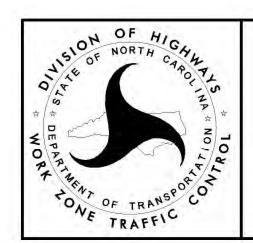
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



PLACED 500' IN ADVANCE OF FLAGGER.



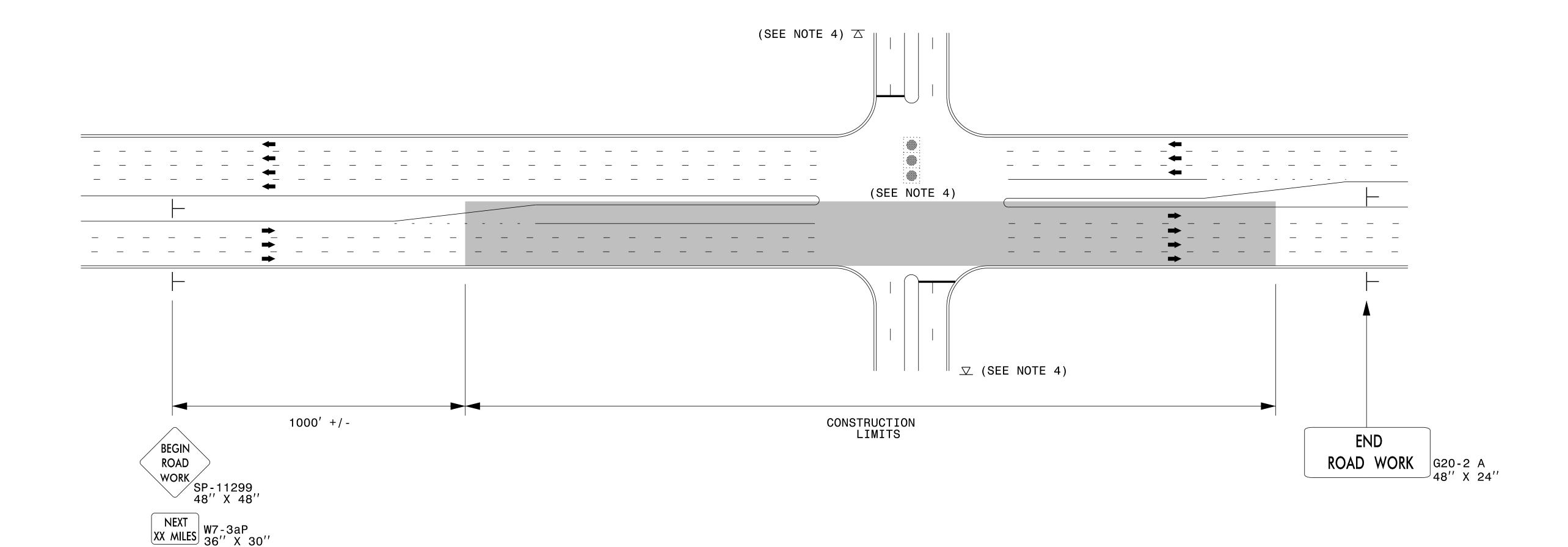
PLACED 250' IN ADVANCE OF FLAGGER.



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

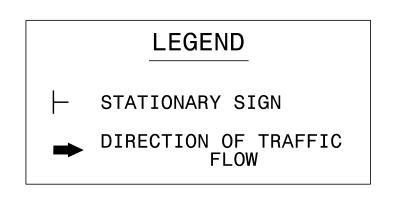
PROJ. REFERENCE NO. SHEET NO. 2023CPT.14.03.10441 17

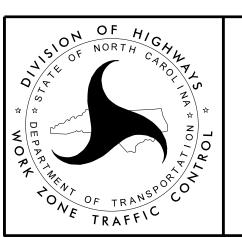
URBAN / SUBURBAN WORKZONES



NOTES:

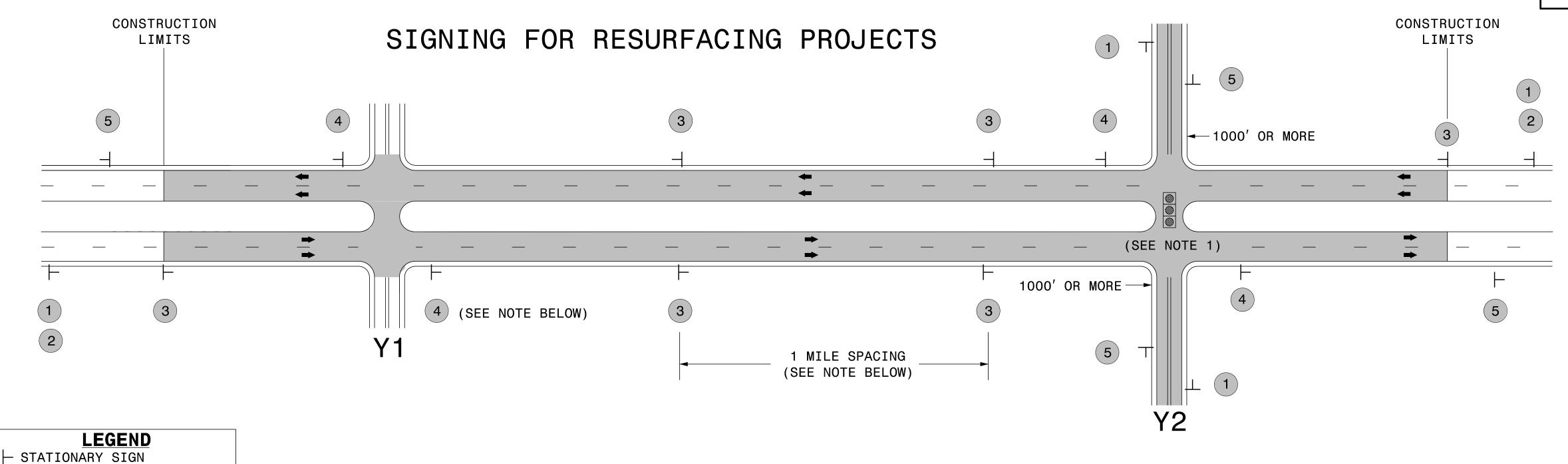
- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS.THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.





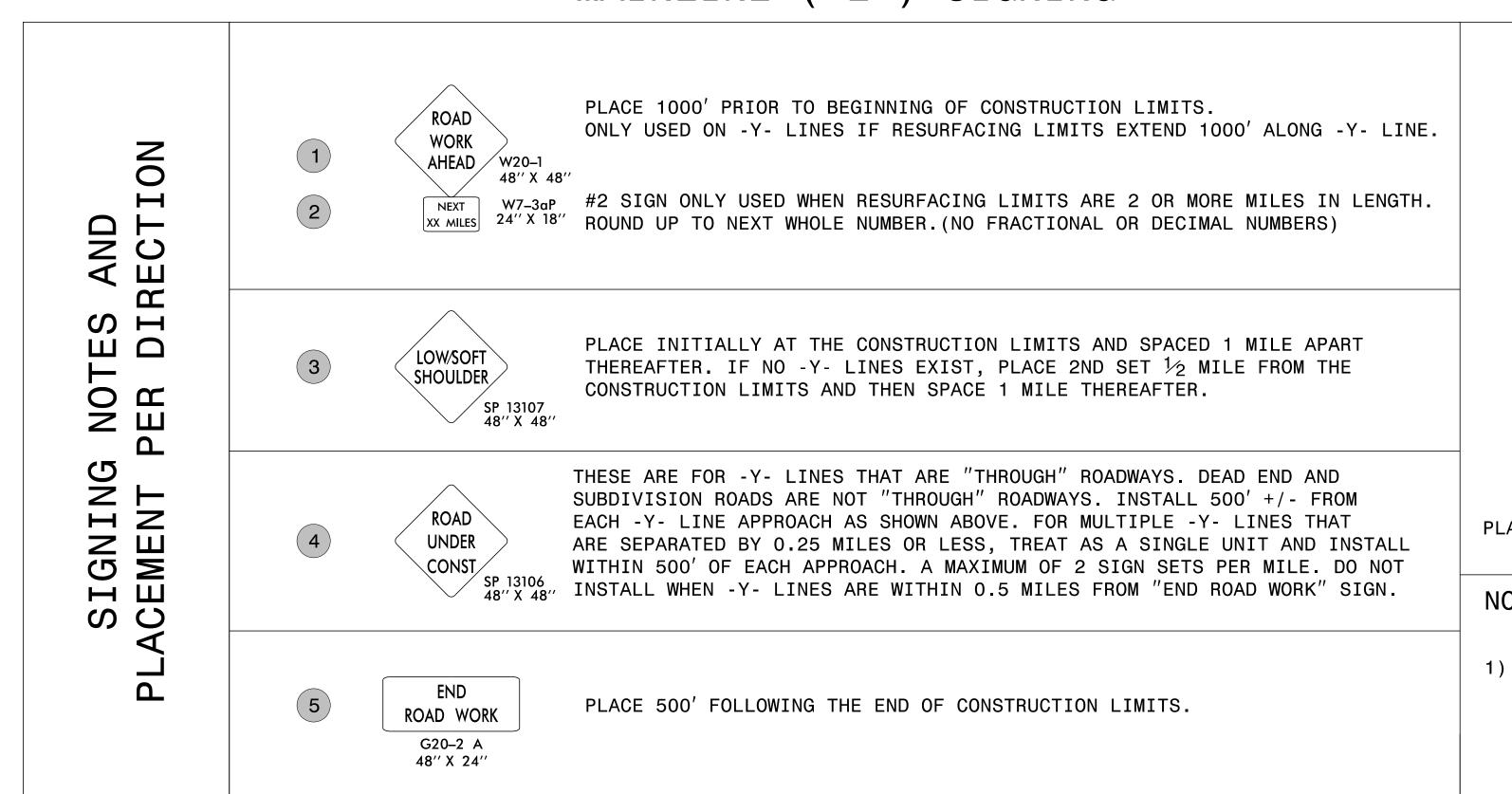
RESURFACING ADVANCE
WARNING SIGNS FOR
URBAN / SUBURBAN
FACILITIES

PROJ. REFERENCE NO. SHEET NO. 2023CPT.14.03.10441 18



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

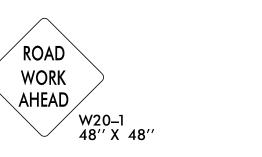


NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

- 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, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE

-Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

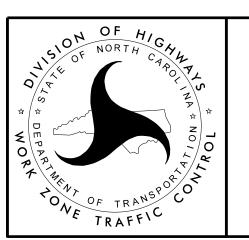




PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.

NOTES:

1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.



RESURFACING
ADVANCE WARNING SIGNS
FOR RURAL AND SUBURBAN
MULTI-LANE ROADWAYS
W/ SHOULDER SECTIONS

/rmgarrett/Downloads/Kesurtacing_AdvWarn_Ursu_shlar.ag arrett ← DIRECTION OF TRAFFIC FLOW