

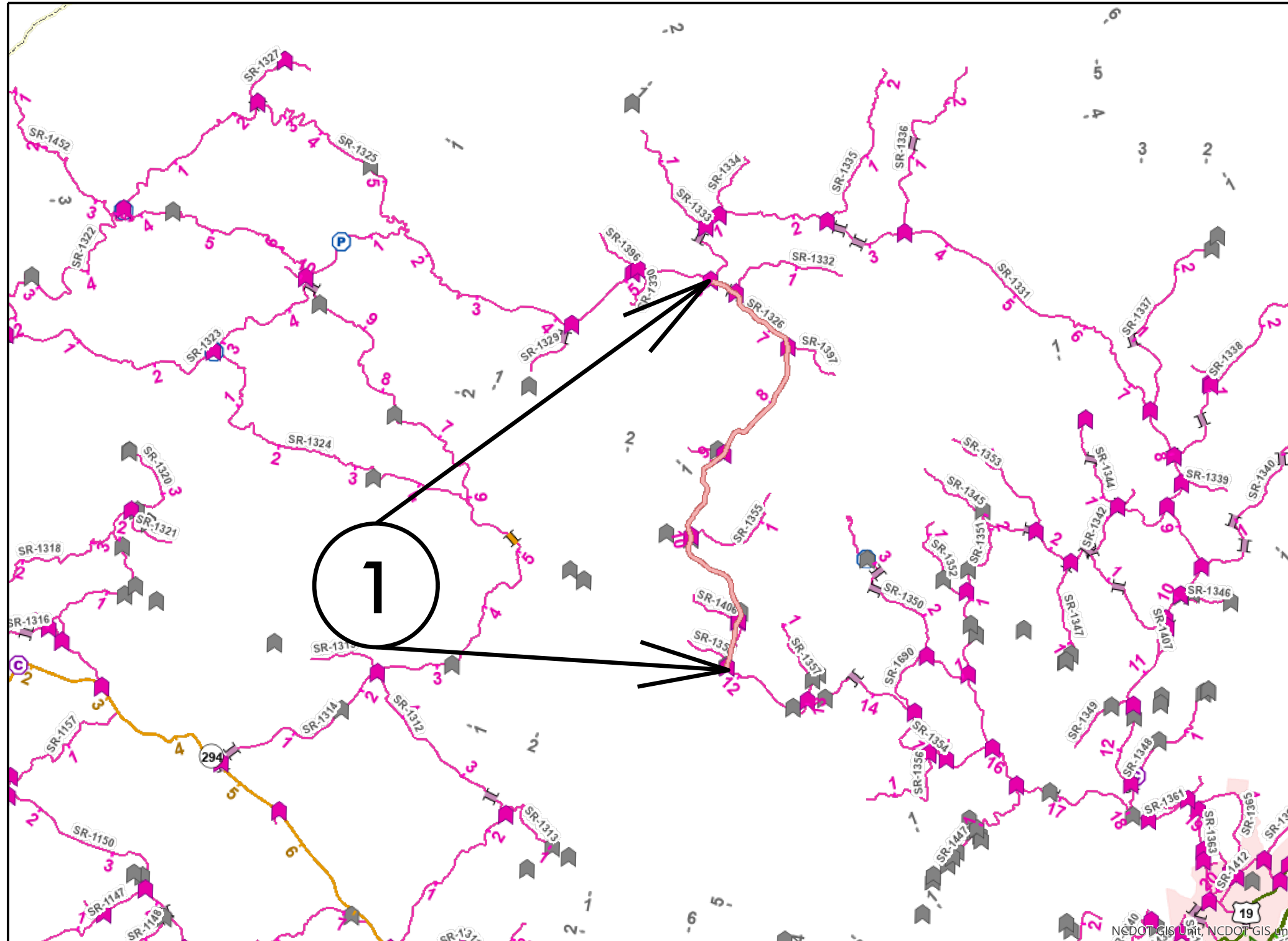
**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

**This file or an individual page
shall not be considered a certified document.**

CHEROKEE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.01.20201	1	14
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.01.20201		CON	
2026CPT.14.01.20221		CON	
2026CPT.14.01.20381		CON	



MAP 1



BEG



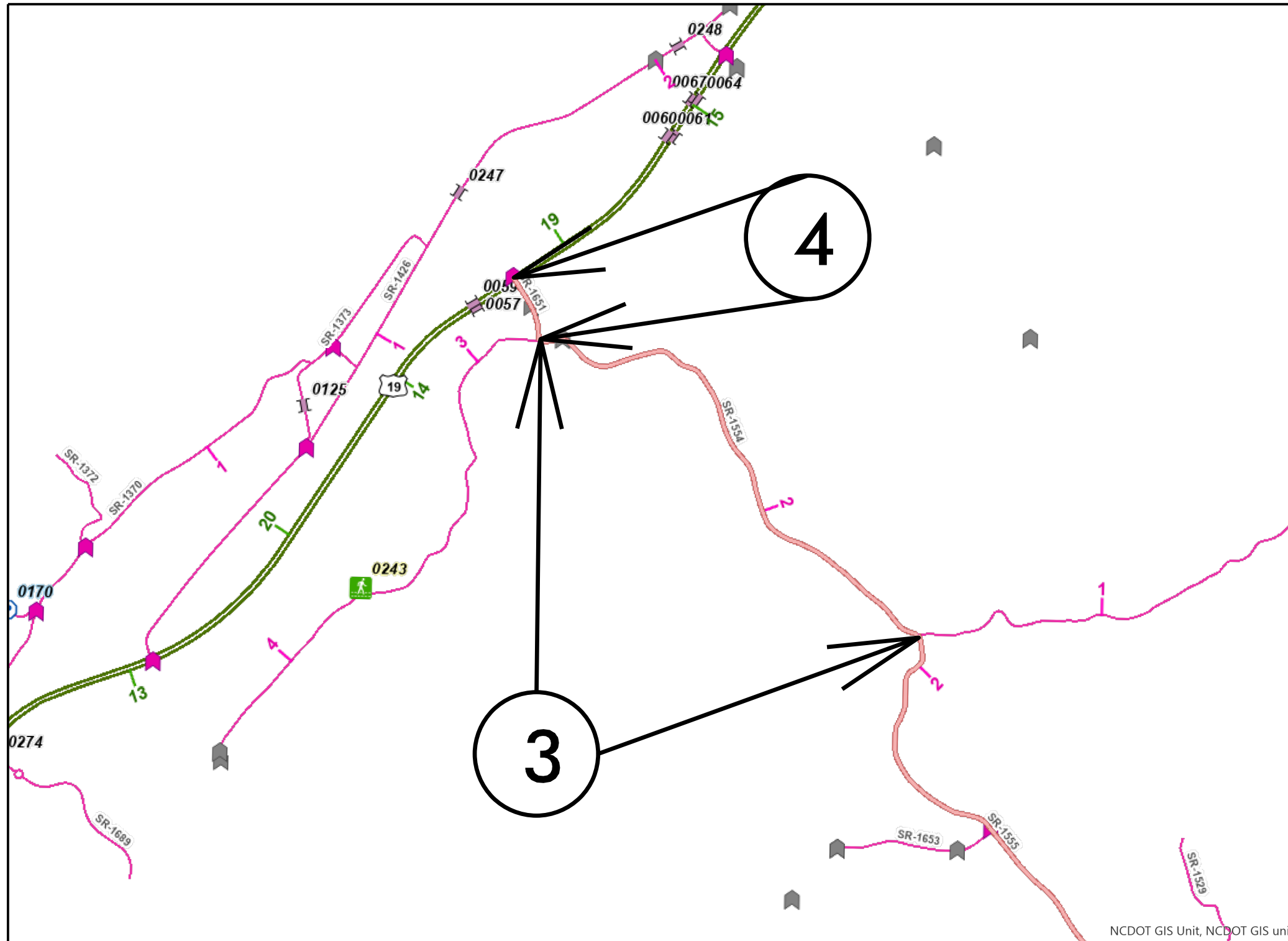
END

CONTRACT: DN01125

09/08/09

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.01.20201	3	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	

CHEROKEE COUNTY



MAP 3



BEG



END

MAP 4



BEG

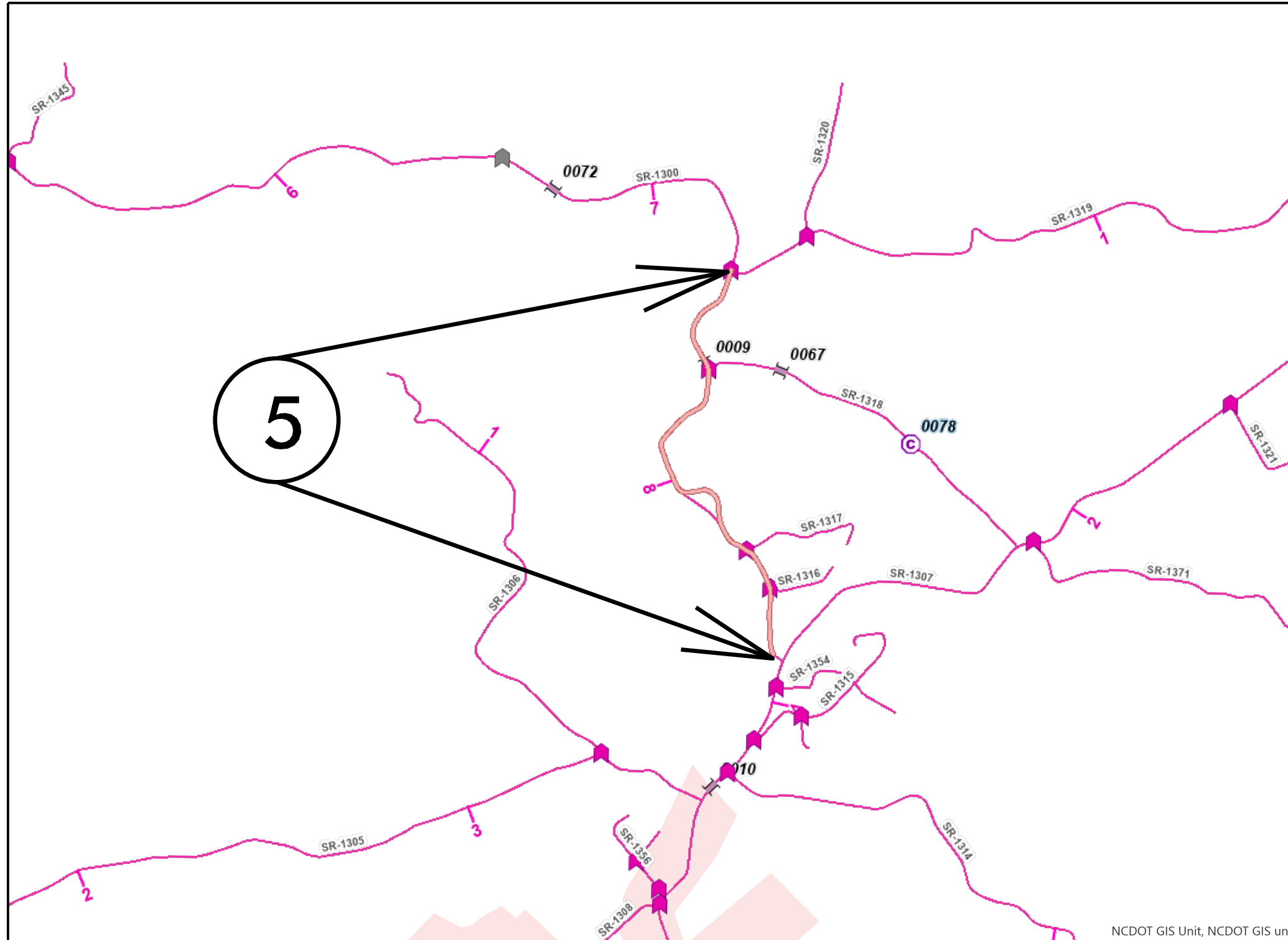


END

CONTRACT: DN01125

CLAY COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.01.20221	4	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	



MAP 5



BEG



END

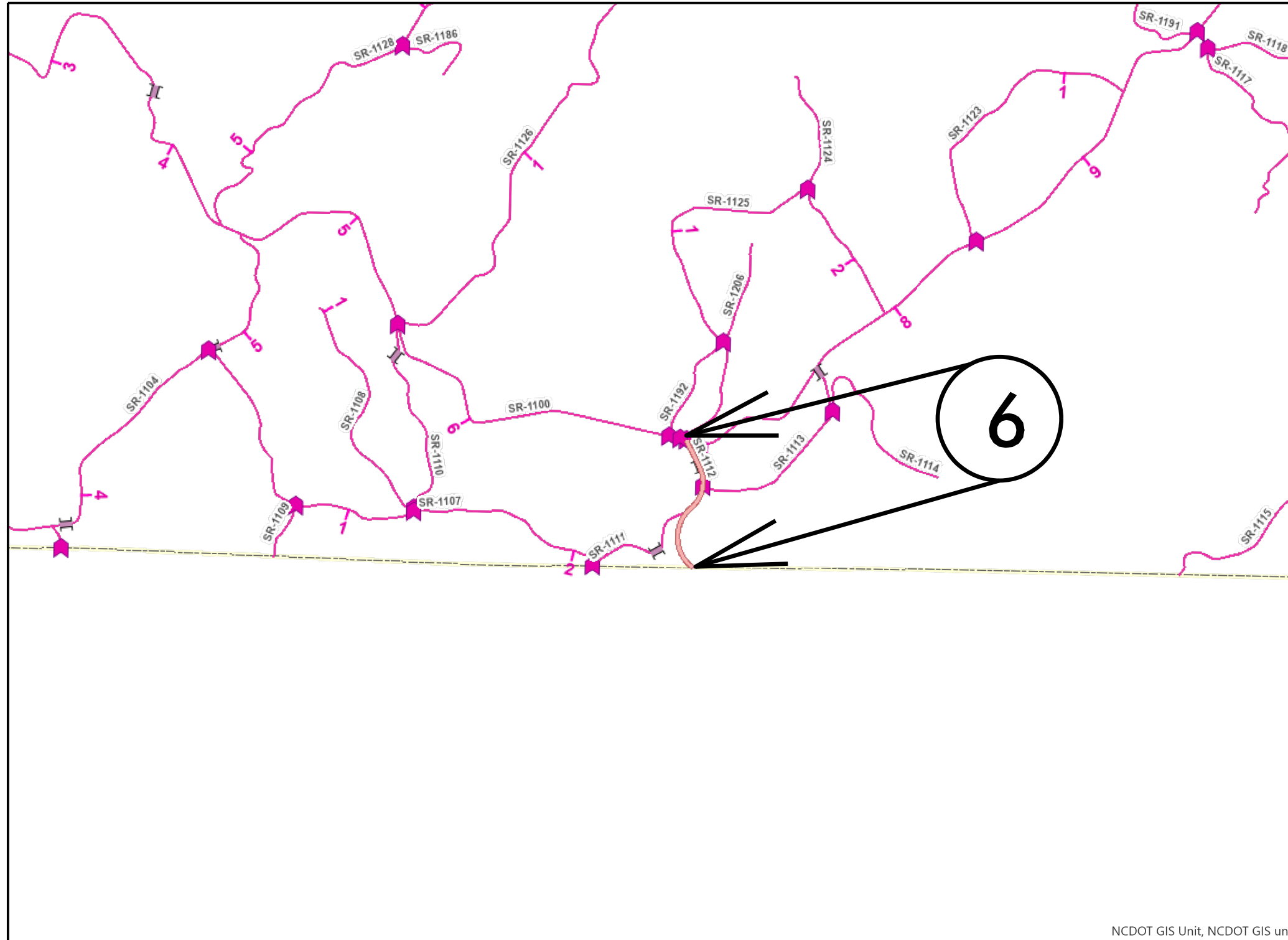
NCDOT GIS Unit, NCDOT GIS unit

CONTRACT: DN01125

09/08/09

CLAY COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.01.20221	5	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	



MAP 6



BEG



END

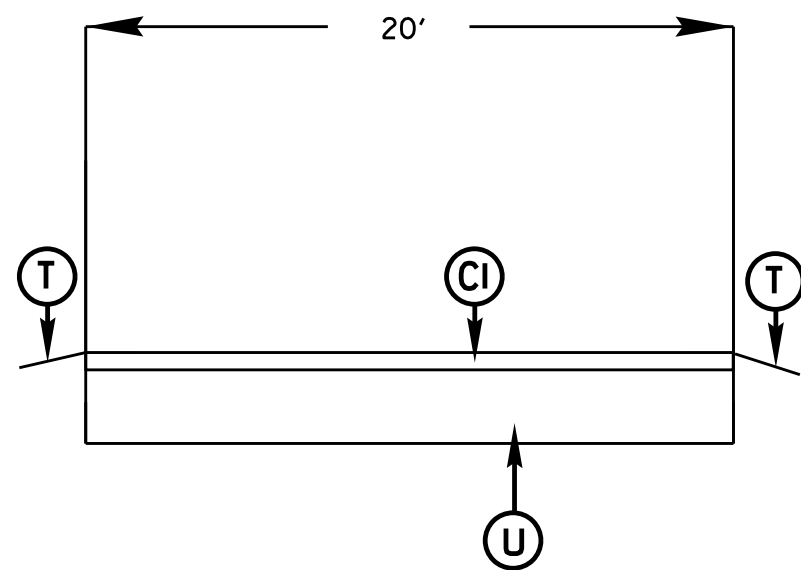
CONTRACT: DN01125

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.01.20201	7	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.01.20201			
2026CPT.14.01.20221			
2026CPT.14.01.20381			

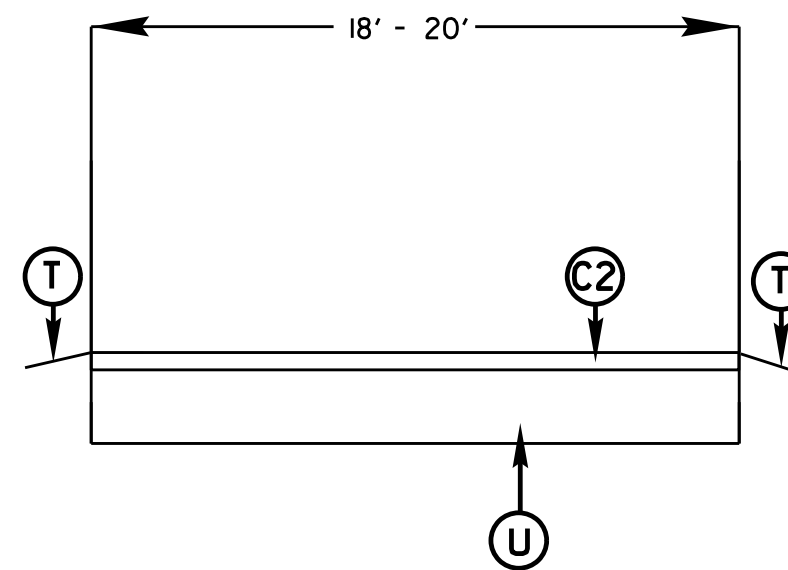
SURFACING SCHEDULE

C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165LBS. PER SQ. YD.
C2	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B (LEVELING COURSE), AT AN AVERAGE RATE OF 138LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION WITH ASB. 2' WIDE UNLESS DIRECTED BY PROJECT ENGINEER -SEE PROJECT SPECIAL PROVISIONS-
U	EXISTING PAVEMENT

TYPICAL 1



TYPICAL 2



CONTRACT: DN01125

09/08/09

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.01.20201	9	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.01.20201			
2026CPT.14.01.20221			
2026CPT.14.01.20381			

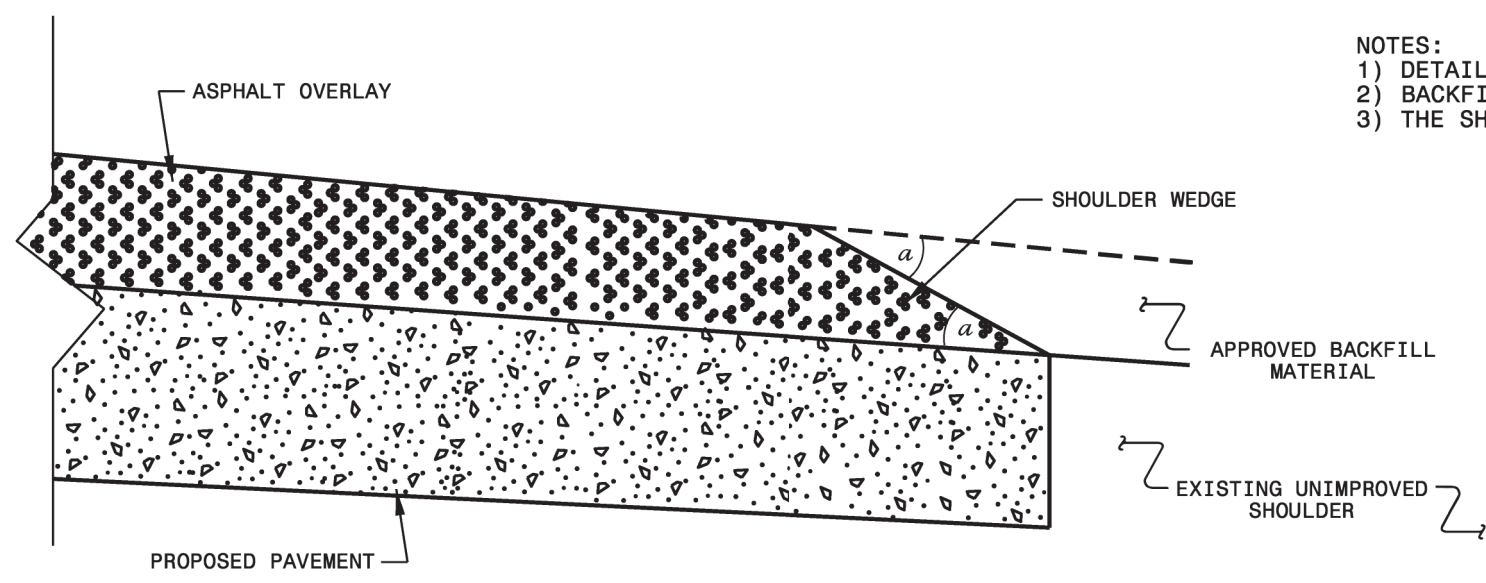
Bridge Structure Table

Map #	Route No.	Road Name	County	Structure No.	Posted SV (Tons)	Posted TTST (Tons)	Paving Across Bridge
1	SR-1326	Joe Brown Hwy	Cherokee	190053	38	41	Yes
5	SR-1112	Young Harris Rd	Clay	210002	99	99	Yes

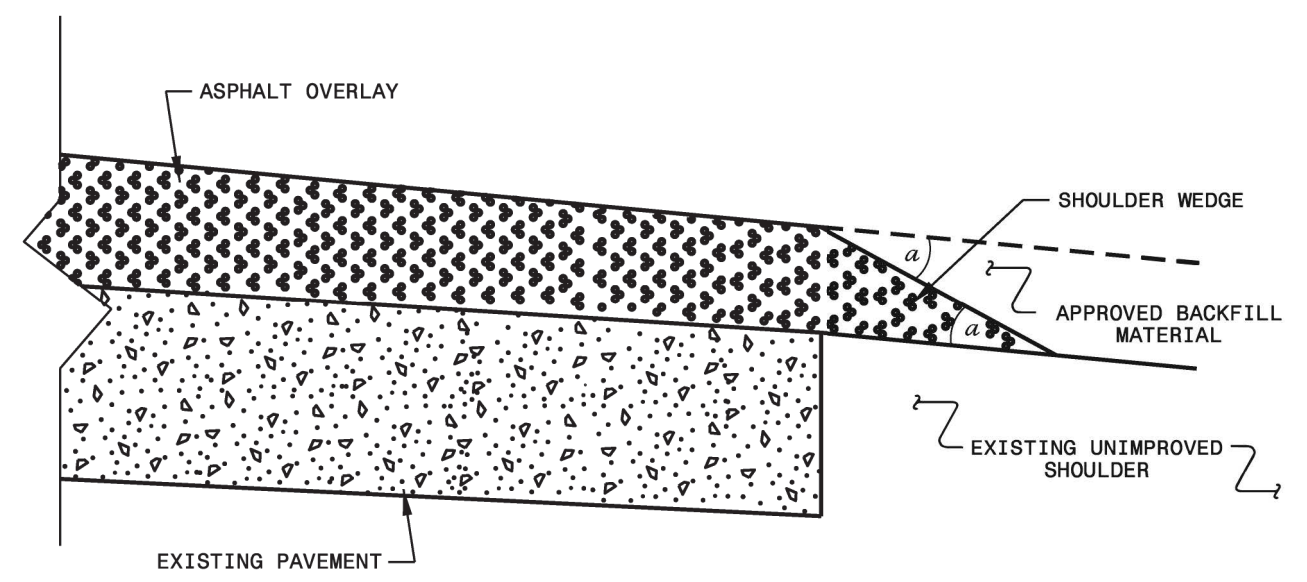
CONTRACT: DN01125

09/08/09

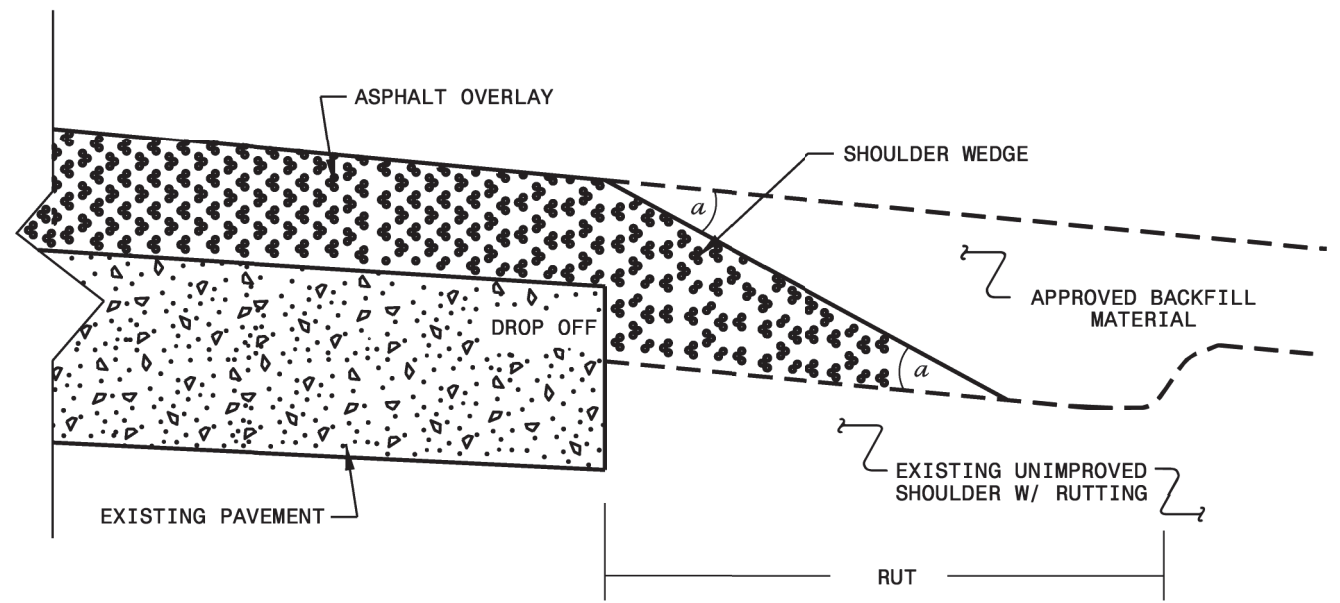
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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 DETAIL
 (Resurfacing Adjacent to
 Rutted Shoulder)

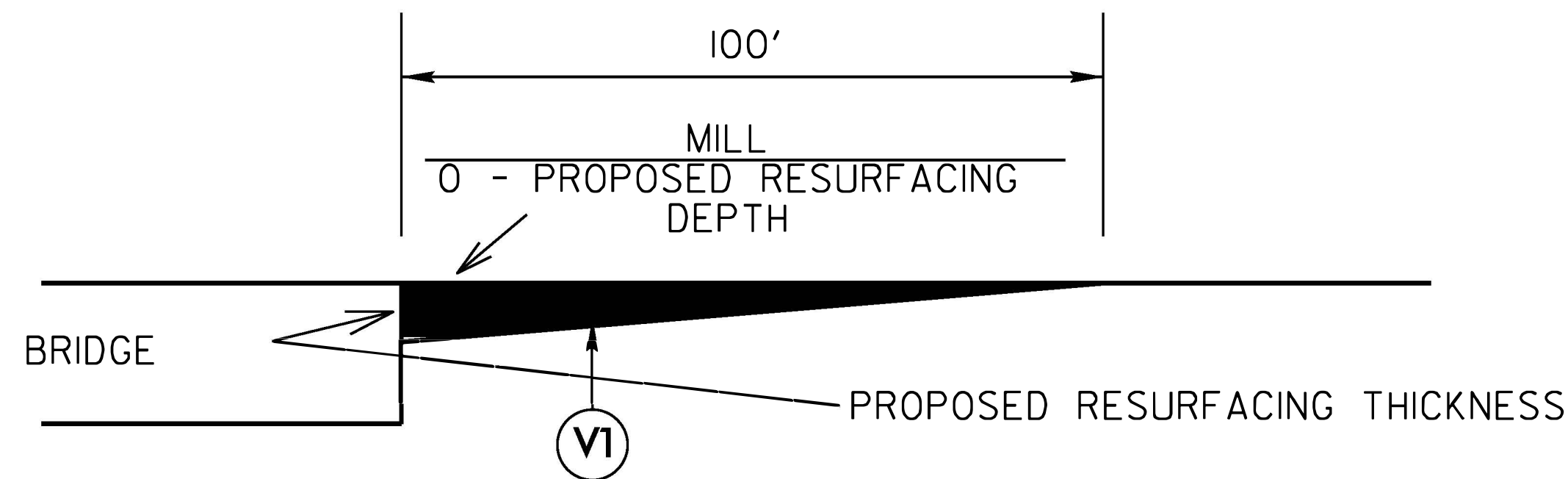
- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT			
Office 919-707-6950		FAX 919-250-4119	
SHOULDER WEDGE DETAILS			
ORIGINAL BY: T. SPELL	DATE: 7-19-11		
MODIFIED BY:	DATE: 10/16/12		
CHECKED BY:	DATE:		
FILE SPEC.: s:\usr\det_alls\stand\shoulderwedetail.dgn			

CONTRACT: DN01125

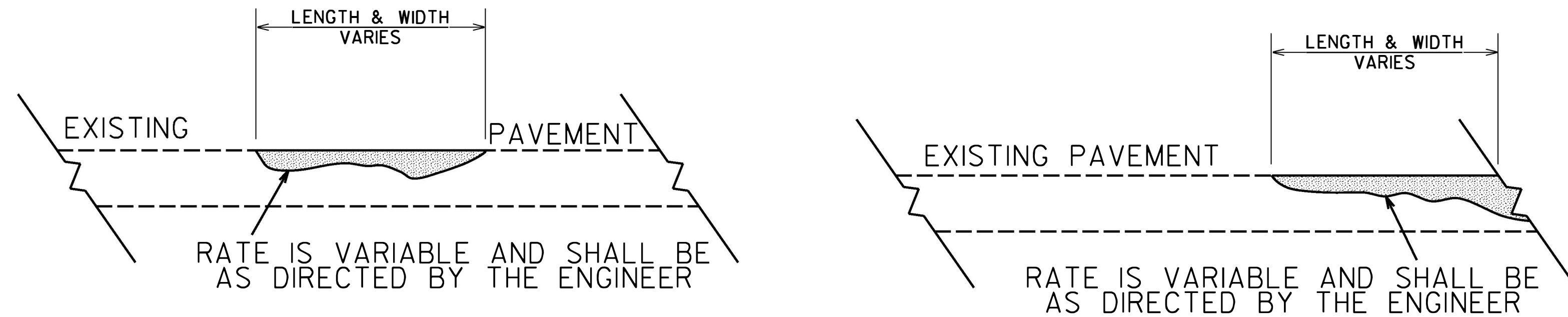
SYSTEMS CONDITIONING
SERVICES

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.01.20201	11	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.01.20201			
2026CPT.14.01.20221			
2026CPT.14.01.20381			



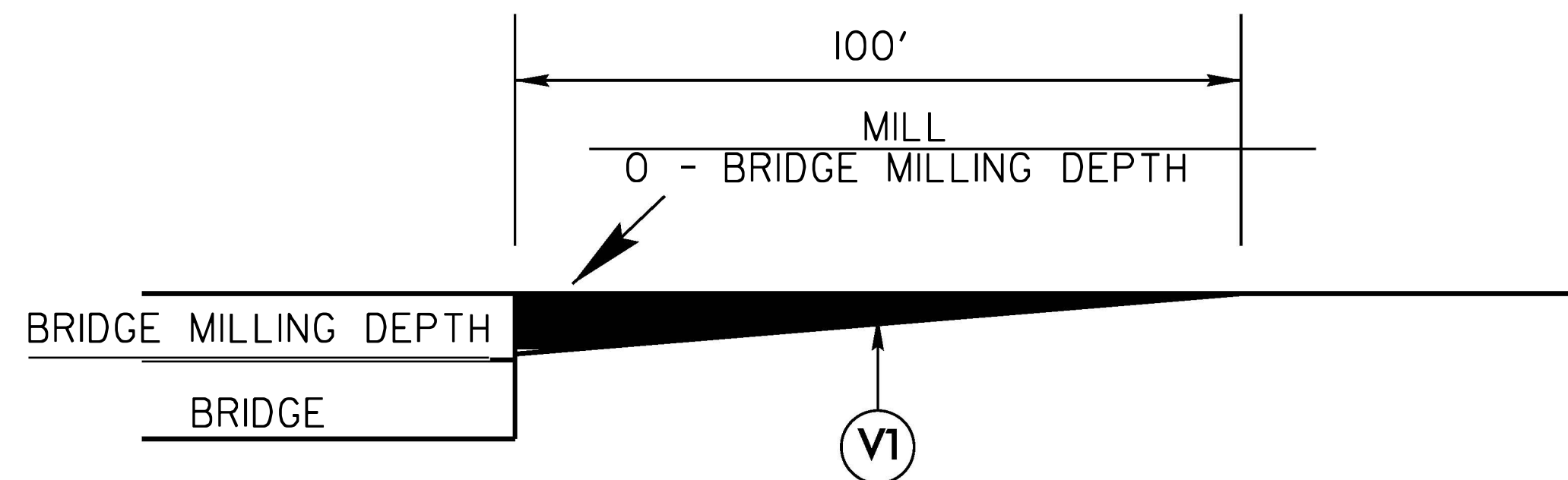
MILLING DETAIL AT BRIDGE APPROACHES

WHERE BRIDGES WILL NOT BE RESURFACED. THIS WILL BE PAID FOR AS INCIDENTAL MILLING.



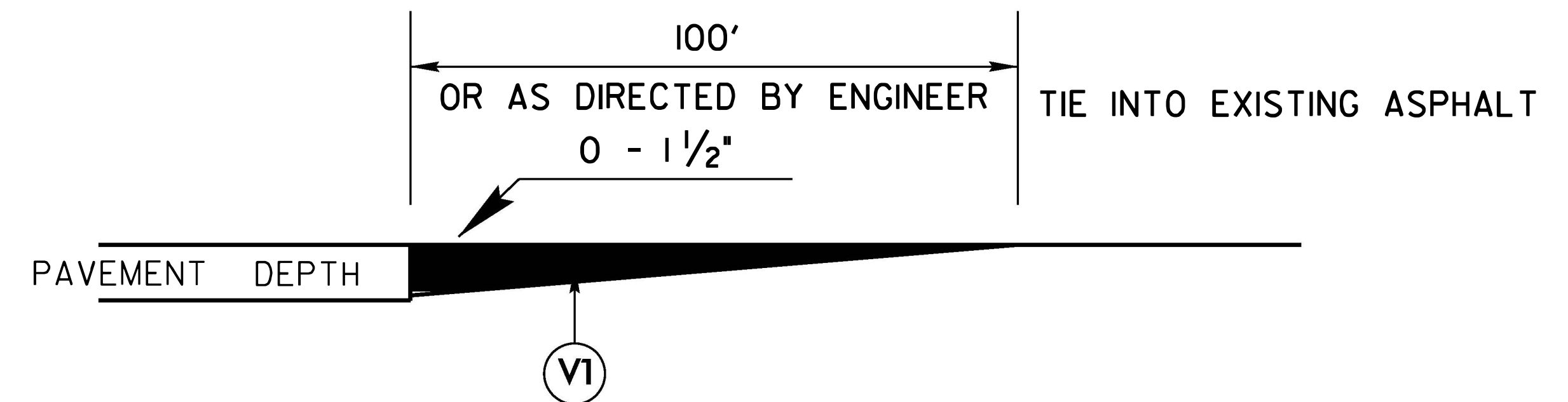
DETAIL SHOWING METHOD OF WEDGING

***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 INCIDENTAL 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 1 1/2" MILLING.

CONTRACT: DN01125

09/08/09

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.14.01.20201, 2026CPT.14.01.20221	12	
2026CPT.14.01.20381,		

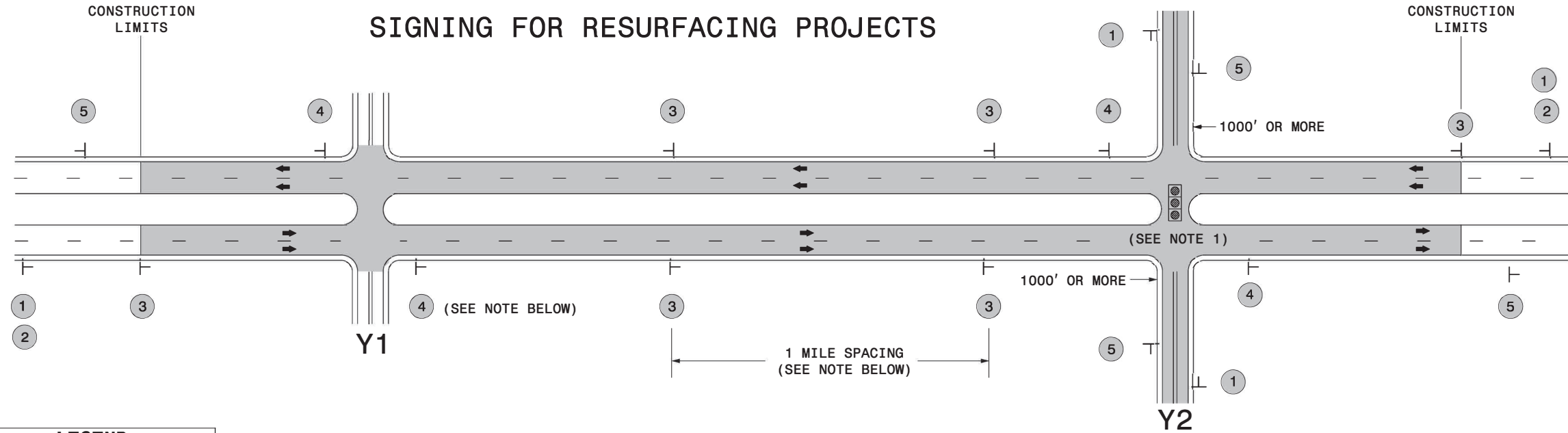
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	1245000000-E	1260000000-E	1330000000-E	1519000000-E	1520000000-E	1575000000-E	1704000000-E	2830000000-N		
												SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ADJ. OF MANHOLES		
												MI	FT								
2026CPT.14.01.20201	Cherokee	1	SR-1326 / JOE BROWN HWY	FROM SR-1331 TO SR-1358	2	2	2WU	5.79	18	6.05	11.84	11.60	1,737			4,502	345	1,100			
TOTAL FOR MAP NO. 1								5.79				11.60	1,737			4,502	345	1,100			
2026CPT.14.01.20201	Cherokee	2	SR-1555 / OLD PEACHTREE RD	FROM SR-1531 TO SR 1554	2	2	2WU	2.08	20	0	2.08	4.13	624			1,730	112				
TOTAL FOR MAP NO. 2								2.08				4.13	624			1,730	112				
2026CPT.14.01.20201	Cherokee	3	SR-1554 / OLD PEACHTREE RD	FROM SR-1554 TO SR 1651	2	2	2WU	1.33	20	1.5	2.83	2.06	399			900	59				
TOTAL FOR MAP NO. 3								1.33				2.06	399			900	59				
2026CPT.14.01.20201	Cherokee	4	SR-1651 / OLD PEACHTREE RD	FROM SR-1554 TO US 19 E	2	2	2WU	0.17	20	0	0.17	0.70	51			2,883	187				
TOTAL FOR MAP NO. 4								0.17				0.70	51			2,883	187				
TOTAL FOR PROJ NO. 2026CPT.14.01.20201								9.37				18.49	2,811			10,015	703	1,100			
2026CPT.14.01.20221	Clay	5	SR-1300 / FIRES CREEK RD	FROM SR 1319 TO SR 1307	2	2	2WU	1.19	18	7.38	8.57	2.10	357	332		885	82	500	1		
TOTAL FOR MAP NO. 5								1.19				2.10	357	332		885	82	500	1		
2026CPT.14.01.20221	Clay	6	SR-1112 / YOUNG HARRIS RD	FROM SR-1100 TO STATE LINE	1	2	2WD	0.6	20	0	0.6	1.18	180		670		58	310			
TOTAL FOR MAP NO. 6								0.6				1.18	180		670		58	310			
TOTAL FOR PROJ NO. 2026CPT.14.01.20221								1.79				3.28	537	332	670	885	140	810	1		
2026CPT.14.01.20381	Graham	7	SR-1277 / OLD SWEETWATER RD	FROM NC 143 TO NC 143	2	2	2WU	1.99	18	0	1.99	4.00	597			1,861	123	50			
TOTAL FOR MAP NO. 7								1.99				4.00	597			1,861	123	50			
2026CPT.14.01.20381	Graham	8	SR-1265 / E FORT HILL RD	FROM 1277 TO EOM	2	2	2WU	0.24	18	0	0.24	0.48	72			281	20	32			
TOTAL FOR MAP NO. 8								0.24				0.48	72			281	20	32			
TOTAL FOR PROJ NO. 2026CPT.14.01.20381								2.23				4.48	669			2,142	143	82			
GRAND TOTAL								13.39				26.25	4,017	332	670	13,042	986	1,992	1		

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.14.01.20201, 2026CPT.14.01.20221	13	
2026CPT.14.01.20381,		

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E WORK ZONE ADVANCE/GENERAL WARNING SIGNING	4457000000-N TEMPORARY TRAFFIC CONTROL	4890000000-E WHITE HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, 4", 60 MILS	4890000000-E YELLOW HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, 4", 60 MILS	4890000000-E WHITE HOT SPRAY THERMOPLASTIC PAVEMENT MARKINGS LINES, 24", 60 MILS
								MI	FT			SF	LS	LF	LF	LF
2026CPT.14.01.20201	Cherokee	1	SR-1326 / JOE BROWN HWY	FROM SR-1331 TO SR-1358	2	2	2WU	5.79	18	6.05	11.84	650	0.35	61,200	61,200	50
TOTAL FOR MAP NO. 1								5.79				650	0.35	61,200	61,200	50
2026CPT.14.01.20201	Cherokee	2	SR-1555 / OLD PEACHTREE RD	FROM SR-1531 TO SR 1554	2	2	2WU	2.08	20	0	2.08	392	0.11	21,768	21,768	
TOTAL FOR MAP NO. 2								2.08				392	0.11	21,768	21,768	
2026CPT.14.01.20201	Cherokee	3	SR-1554 / OLD PEACHTREE RD	FROM SR-1554 TO SR 1651	2	2	2WU	1.33	20	1.5	2.83	118	0.06	10,884	10,884	
TOTAL FOR MAP NO. 3								1.33				118	0.06	10,884	10,884	
2026CPT.14.01.20201	Cherokee	4	SR-1651 / OLD PEACHTREE RD	FROM SR-1554 TO US 19 E	2	2	2WU	0.17	20	0	0.17	40	0.19	3,628	3,628	
TOTAL FOR MAP NO. 4								0.17				40	0.19	3,628	3,628	
TOTAL FOR PROJ NO. 2026CPT.14.01.20201								9.37				1,200	0.71	97,480	97,480	50
2026CPT.14.01.20221	Clay	5	SR-1300 / FIRES CREEK RD	FROM SR 1319 TO SR 1307	2	2	2WU	1.19	18	7.38	8.57	437	0.08	41,184	41,184	60
TOTAL FOR MAP NO. 5								1.19				437	0.08	41,184	41,184	60
2026CPT.14.01.20221	Clay	6	SR-1112 / YOUNG HARRIS RD	FROM SR-1100 TO STATE LINE	1	2	2WD	0.6	20	0	0.6	68	0.06	6,250	6,250	60
TOTAL FOR MAP NO. 6								0.6				68	0.06	6,250	6,250	60
TOTAL FOR PROJ NO. 2026CPT.14.01.20221								1.79				505	0.14	47,434	47,434	120
2026CPT.14.01.20381	Graham	7	SR-1277 / OLD SWEETWATER RD	FROM NC 143 TO NC 143	2	2	2WU	1.99	18	0	1.99	224	0.12	20,760	20,760	27
TOTAL FOR MAP NO. 7								1.99				224	0.12	20,760	20,760	27
2026CPT.14.01.20381	Graham	8	SR-1265 / E FORT HILL RD	FROM 1277 TO EOM	2	2	2WU	0.24	18	0	0.24	112	0.02	2,552	2,552	
TOTAL FOR MAP NO. 8								0.24				112	0.020	2,552	2,552	
TOTAL FOR PROJ NO. 2026CPT.14.01.20381								2.23				336	0.145	23,312	23,312	27
GRAND TOTAL								13.39				2,041	1.000	168,226	168,226	197



LEGEND
 | STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>	<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, ADVANCE WARNING PORTABLE 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;"> <small>W20-1 48" X 48"</small> </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p> <p>NOTES:</p> <ol style="list-style-type: none"> 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.
		<p>PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.</p>	
		<p>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.</p>	
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>	

3/23/2015
 C:\Users\rmgarrrett\Downloads\Resurfacing_AdvWarn_LrSu_Snldr.dgn
 User:rmgarrrett



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