

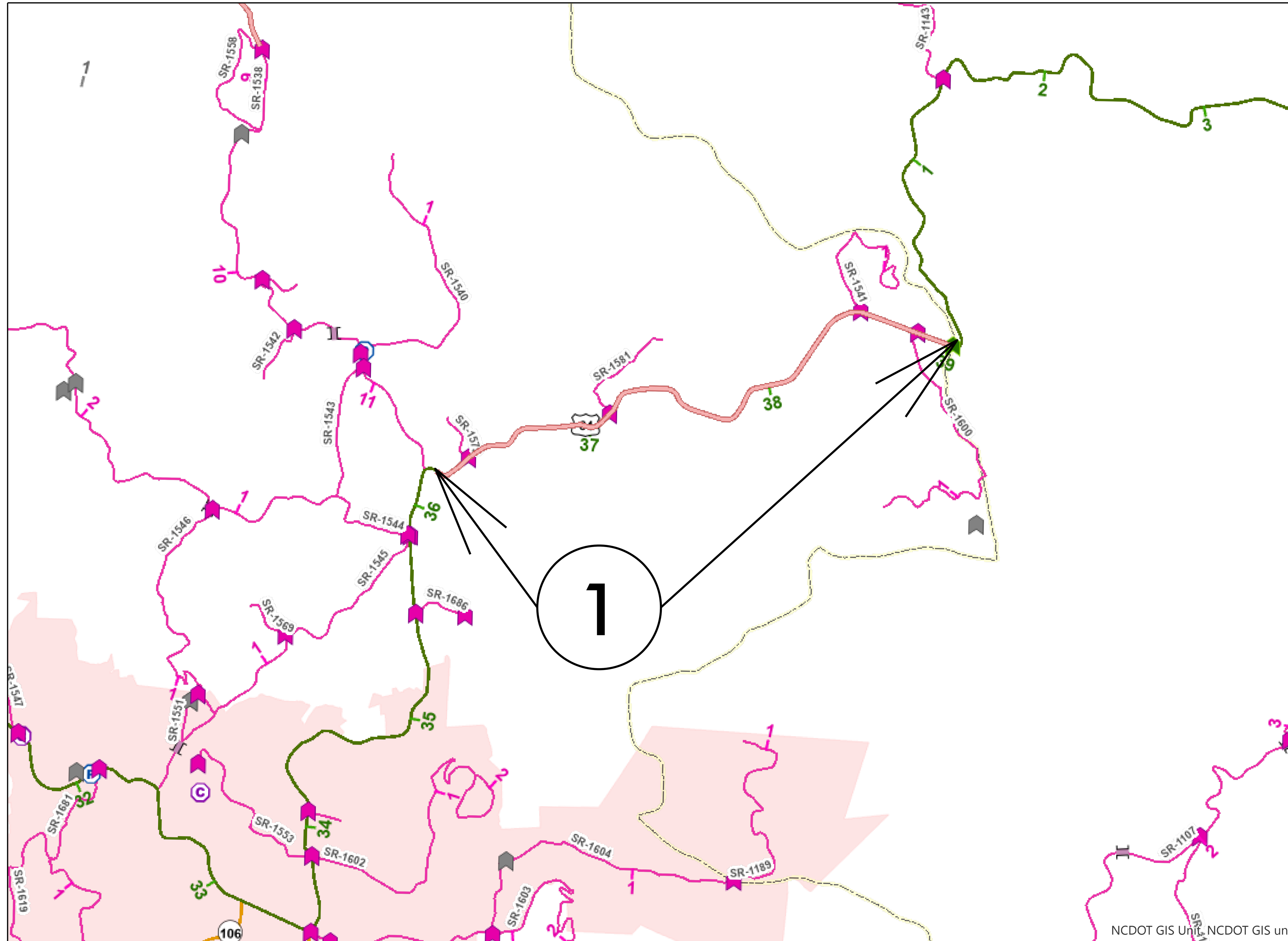
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STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.04.10561	1	12
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.04.10561		CON	
2026CPT.14.04.20561		CON	

MACON COUNTY



MAP 1



BEG



END

CONTRACT: DN01133

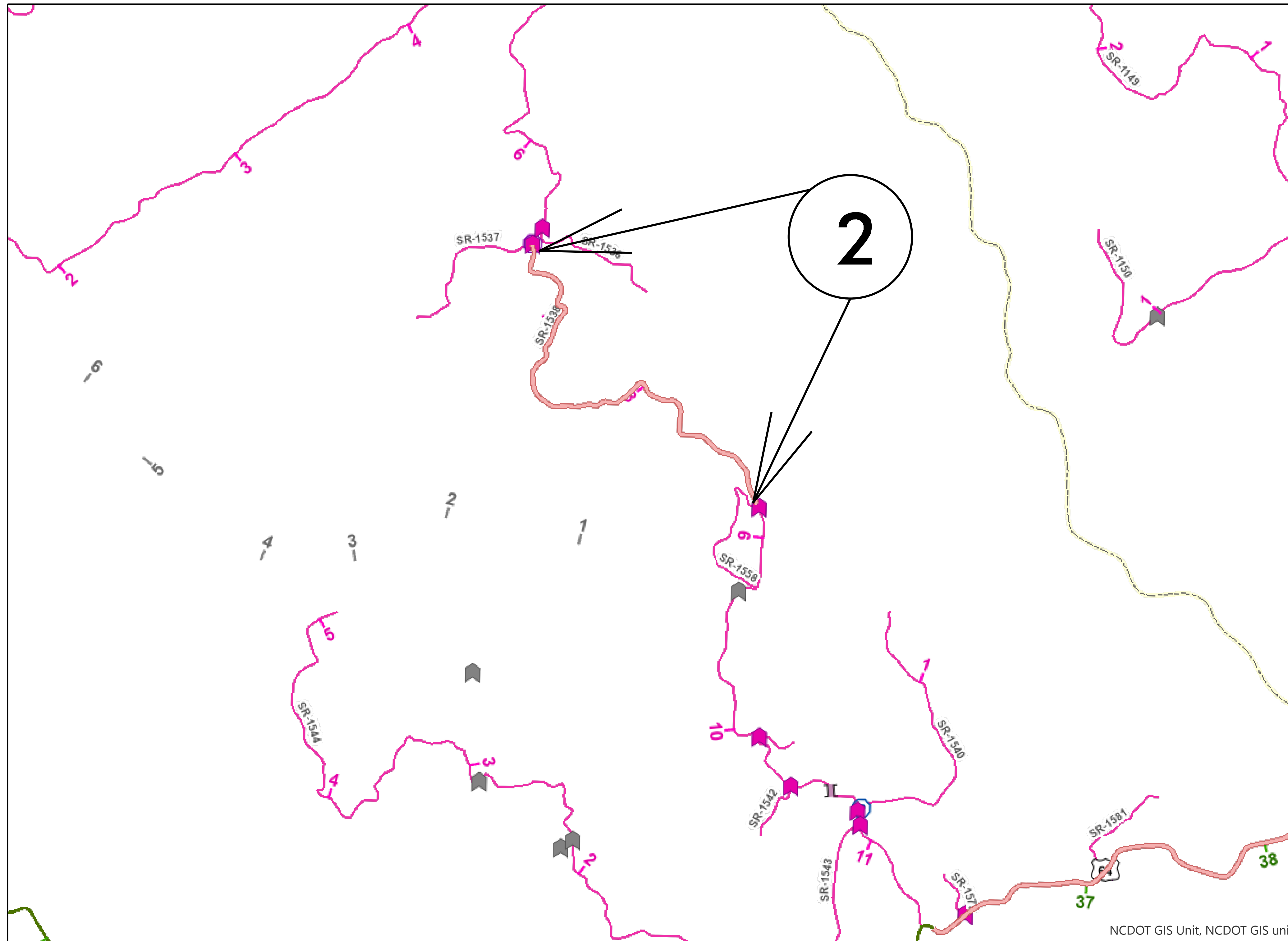
1

1

NCDOT GIS Unit, NCDOT GIS unit

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.04.20561	2	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	

MACON COUNTY



MAP 2



BEG



END

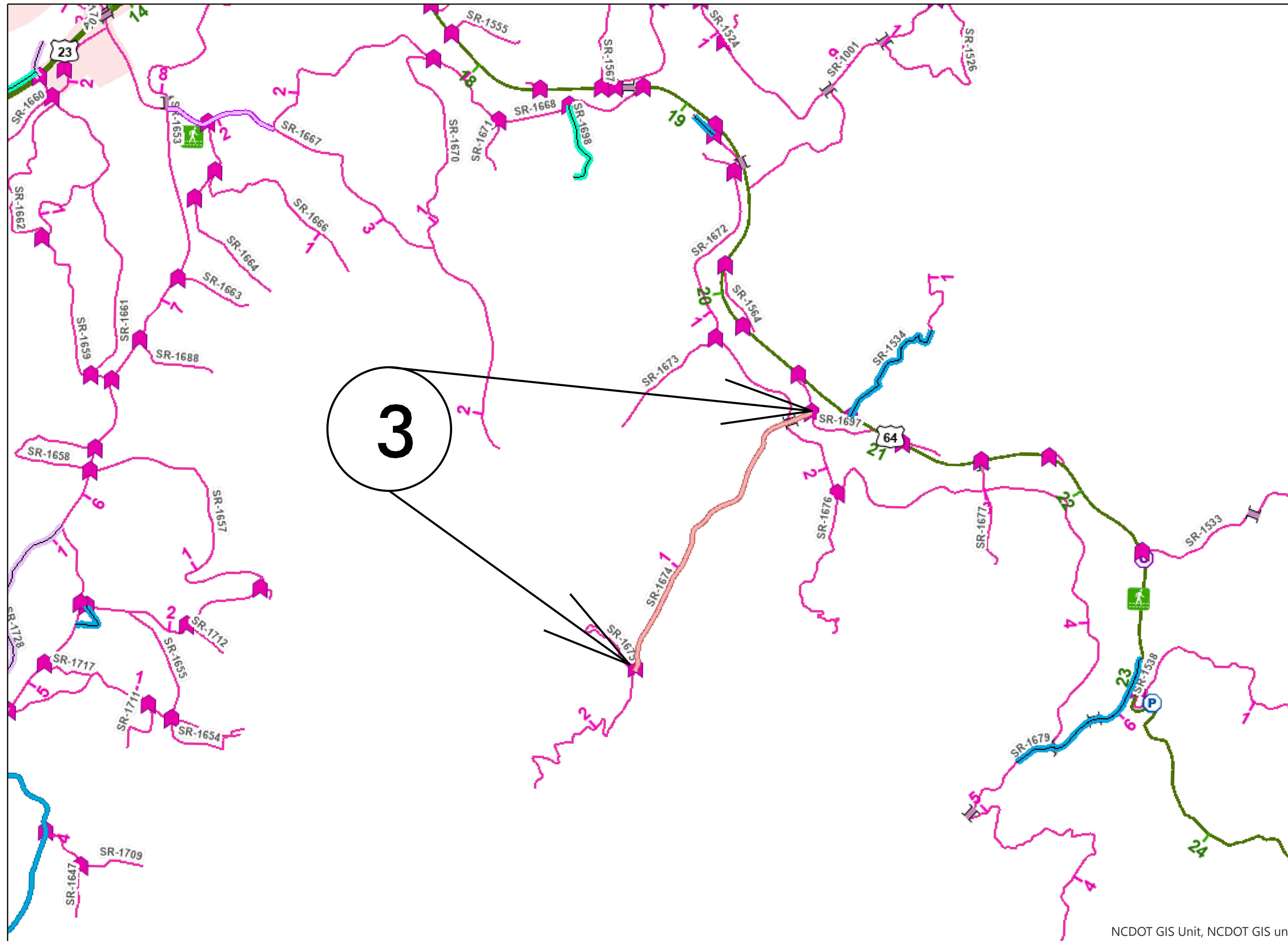
NCDOT GIS Unit, NCDOT GIS unit

CONTRACT: DN01133

09/08/09

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.04.20561	3	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	

MACON COUNTY



MAP 3



BEG



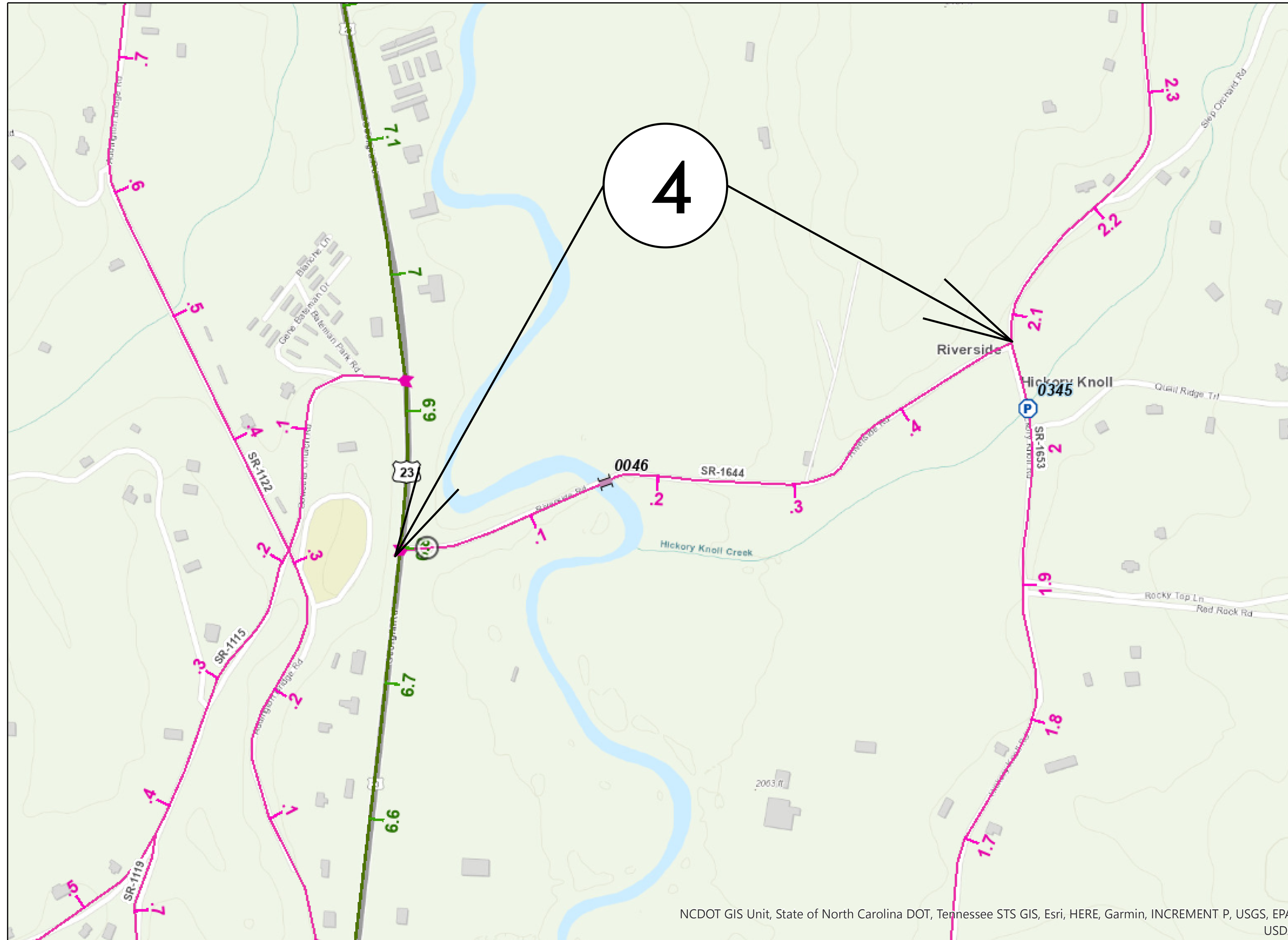
END

CONTRACT: DN01133

09/08/09

MACON COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.04.20561	4	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	



NCDOT GIS Unit, State of North Carolina DOT, Tennessee STS GIS, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA



MAP 4



BEG



END

CONTRACT: DN01133

09/08/09

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.04.10561	7	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.04.10561			
2026CPT.14.04.20561			

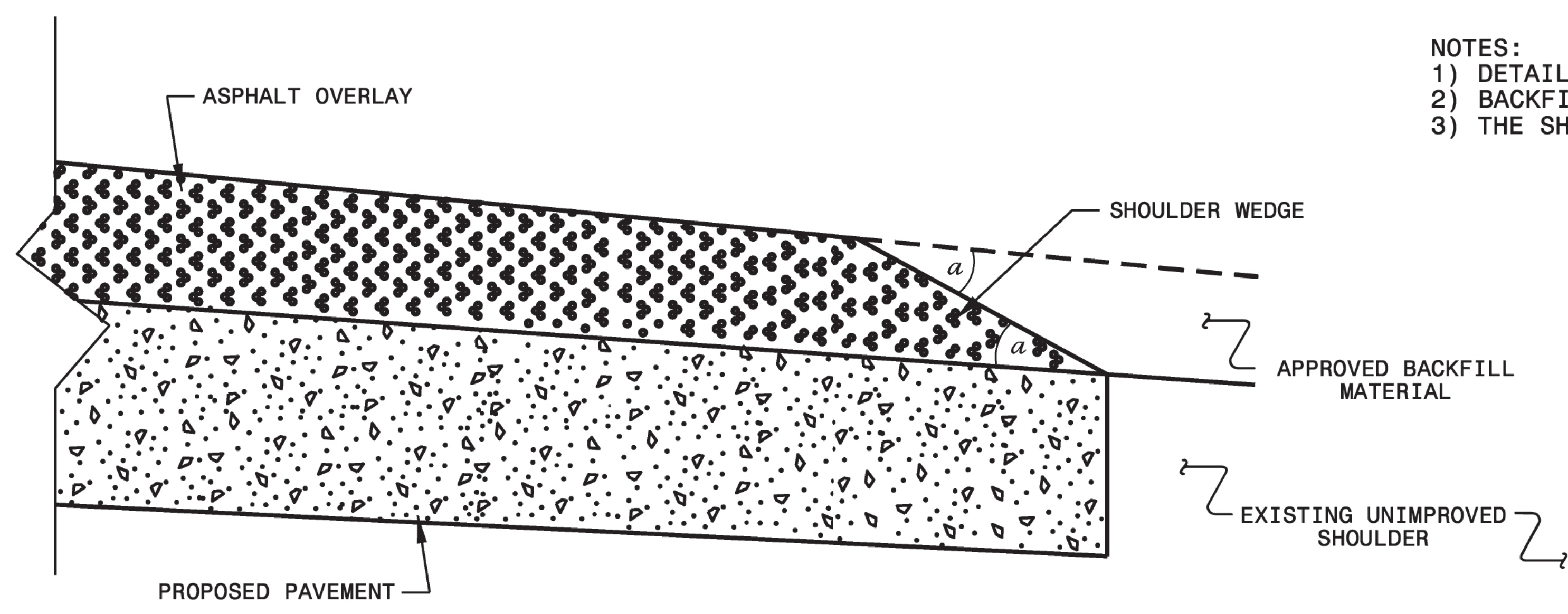
Bridge Structure Table

Map #	Route No.	Road Name	County	Structure No.	Posted SV (Tons)	Posted TTST (Tons)	Paving Across Bridge
3	SR-1674	Nickajack Rd	Macon	550054	99	99	Yes
4	SR-1644	Riverside Rd	Macon	550046	99	99	Yes

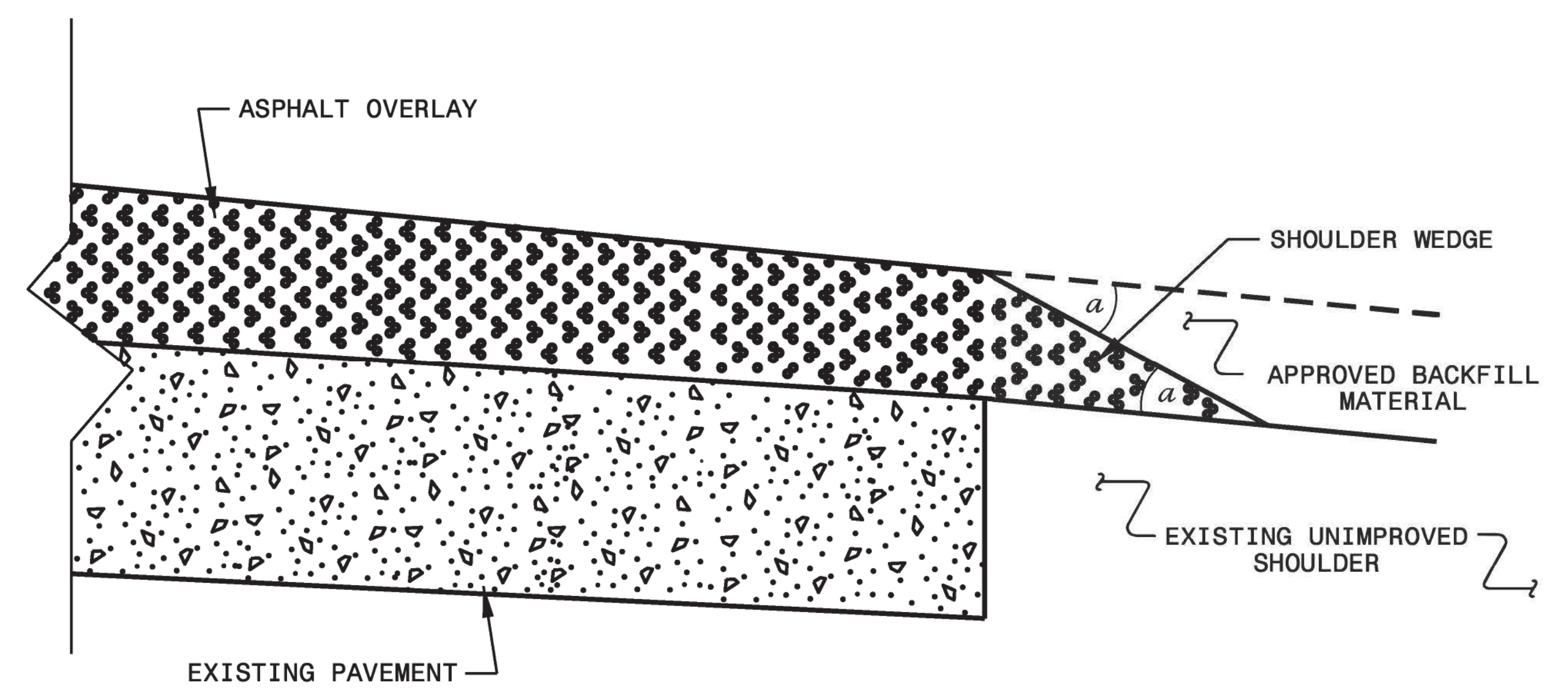
CONTRACT: DN01133

09/08/09

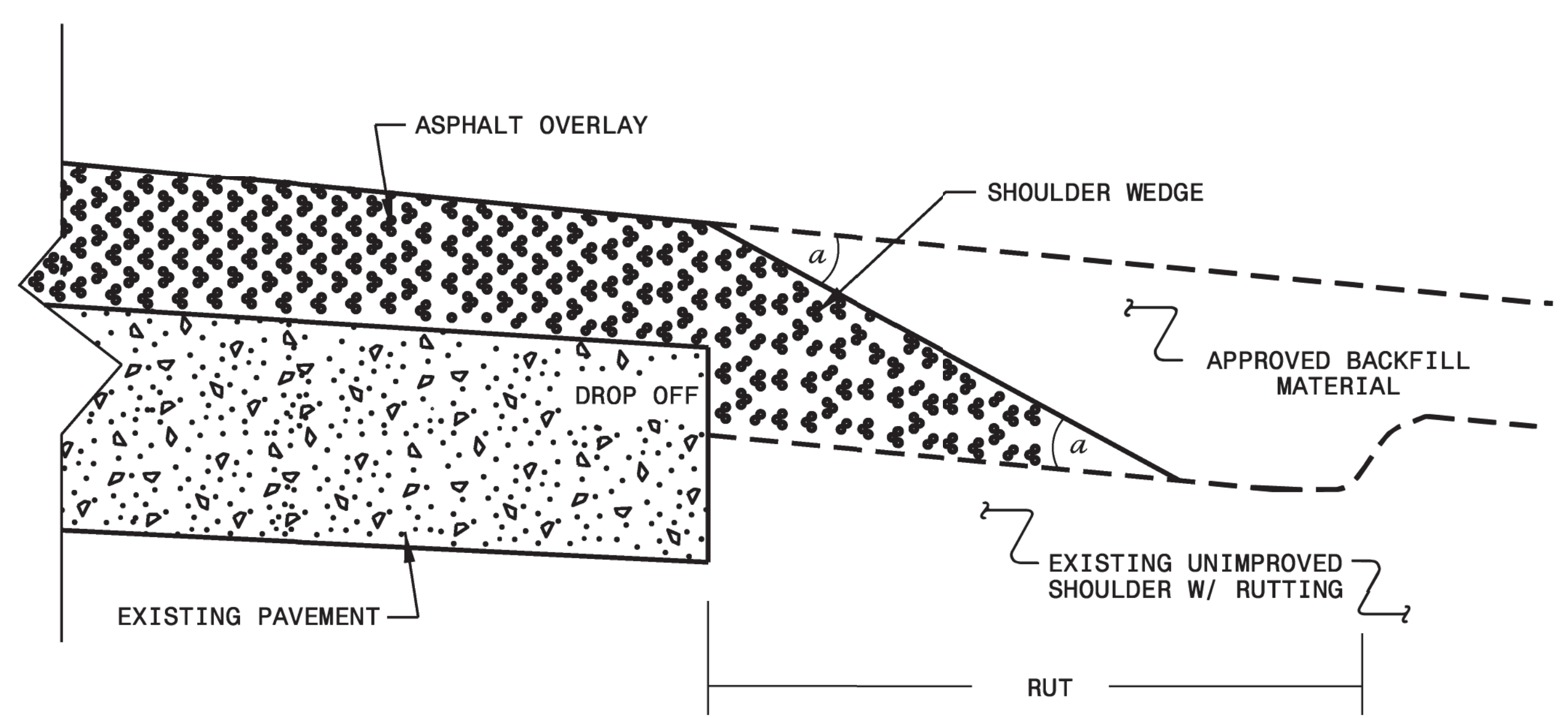
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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

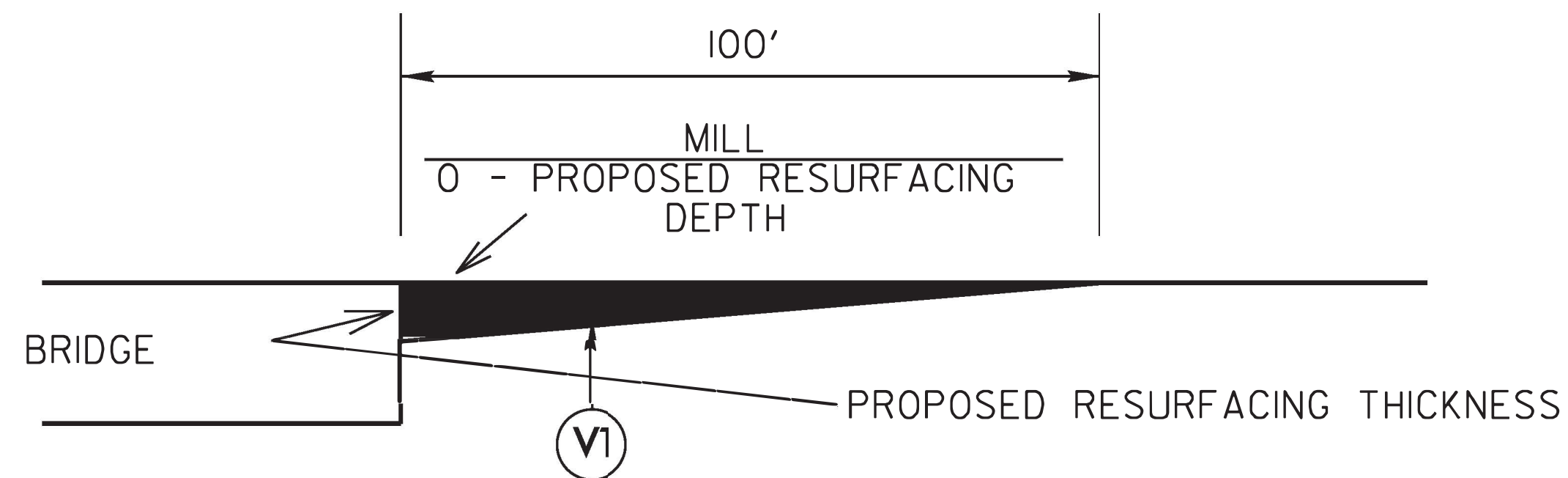
**SHOULDER WEDGE
 DETAILS**

ORIGINAL BY: T.SPELL DATE: 7-19-11
 MODIFIED BY: DATE: 10/18/12
 CHECKED BY: DATE:
 FILE SPEC.: s:\usr\det_a19\stand\shoulderwed_detail1.dwg

CONTRACT: DN01133

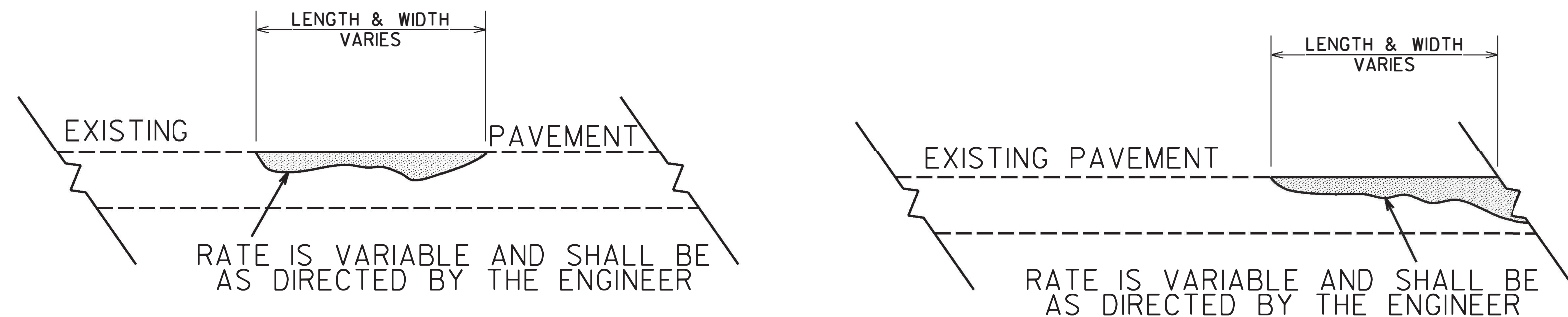
*****CONDITIONS*****

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	0 6CPT. .0 . 0 6	9	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2 2 CPT.14.04.1 5 1			
2026CPT.14.04.20561			



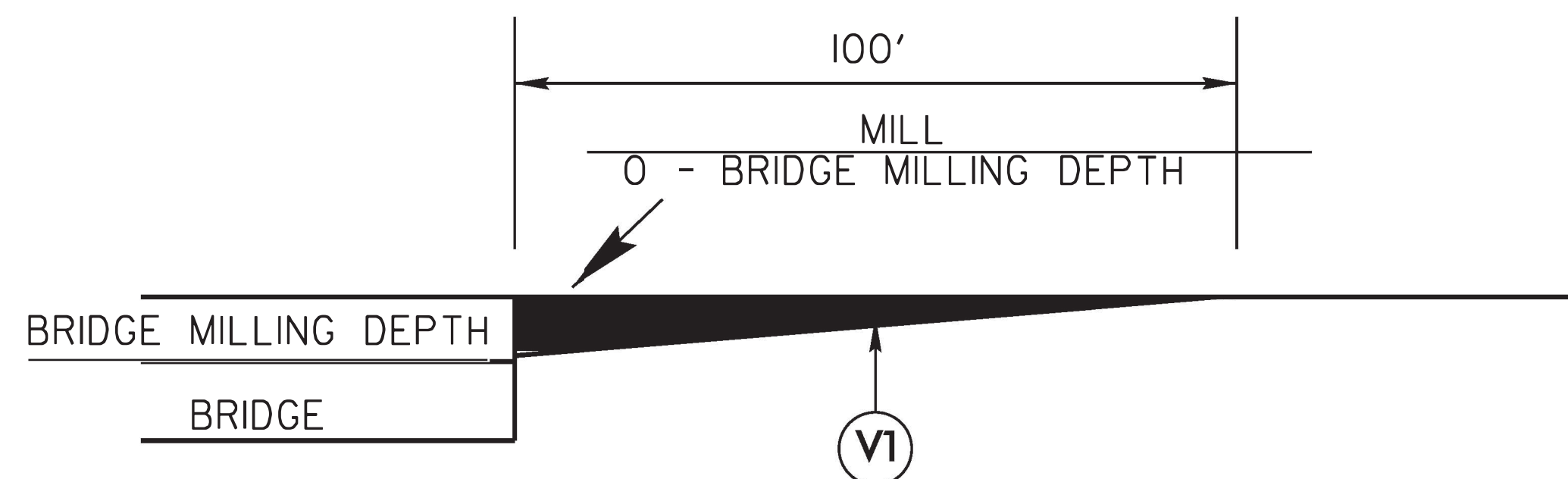
MILLING DETAIL AT BRIDGE APPROACHES

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



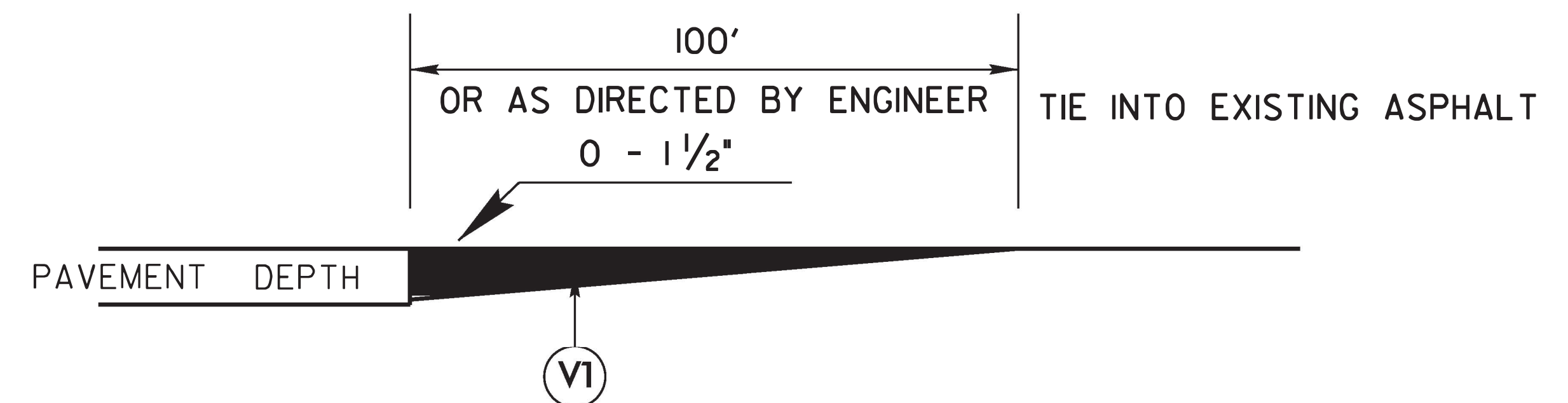
DETAIL SHOWING METHOD OF WEDGING

***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: DN01133

09/08/09

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.14.04.10561	10	
2026CPT.14.04.20561		

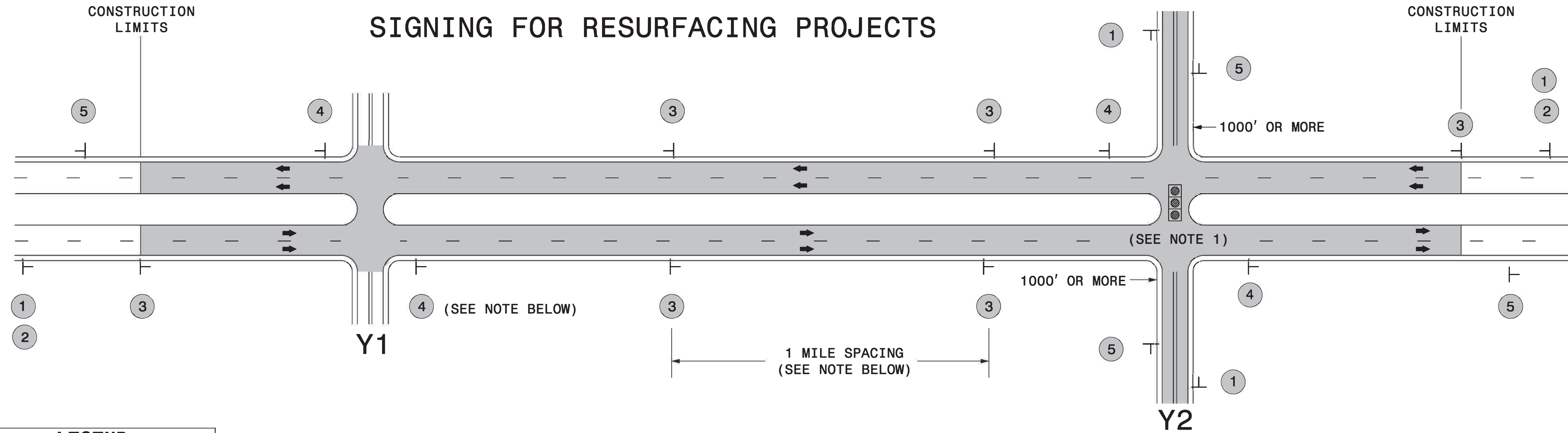
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	1245000000-E	1260000000-E	1519000000-E	1520000000-E	1523000000-E	1575000000-E	1704000000-E	
												SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	
												SMI	TON	TONS	TONS	TONS	TONS	TONS	
2026CPT.14.04.10561	Macon	1	US-64	ALONG US64	1	2	2WU	2.8	20	36.21	39.01	5.60	840			2,345	174	737	
TOTAL FOR MAP NO. 1								2.8				5.60	840			2,345	174	737	
TOTAL FOR PROJ NO. 2026CPT.14.04.10561								2.8				5.60	840			2,345	174	737	
2026CPT.14.04.20561	Macon	2	SR-1538 / BUCK CREEK RD	FROM SR 1537 TO SR 1558	2	2	2WU	2.26	18	6.58	8.84	4.52	678	2,169			196	1,150	
TOTAL FOR MAP NO. 2								2.26				4.52	678	2,169			196	1,150	
2026CPT.14.04.20561	Macon	3	SR-1674 / NICKAJACK RD	FROM SR 1697 TO SR 1674	2	2		1.52	18	0	1.52	2.88	456	1,280			98	304	
TOTAL FOR MAP NO. 3								1.52				2.88	456	1,280			98	304	
2026CPT.14.04.20561	Macon	4	SR-1644 / RIVERSIDE RD	FROM US 441 TO SR1653	3	2	2WD	0.49	18	0	0.49	0.98	147		470		38	150	
TOTAL FOR MAP NO. 4								0.49				0.98	147		470		38	150	
TOTAL FOR PROJ NO. 2026CPT.14.04.20561								4.27				8.38	1,281	3,449	470		332	1,604	
GRAND TOTAL								7.07				13.98	2,121	3,449	470		2,345	506	2,341

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.14.04.10561	11	
2026CPT.14.04.20561		

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4457000000-N	4685000000-E		4890000000-E			
												WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	THERMOPLASTIC PAVEMENT MARKING LINES(4" X 90 MIL)(WHITE)	THERMOPLASTIC PAVEMENT MARKING LINES(4" X 90 MIL)(YELLOW)	WHITE HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, 4", 60 MIL	YELLOW HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, 4", 60 MIL	WHITE HOT SPRAY THERMOPLASTIC PAVEMENT MARKINGS LINES, 24", 60 MIL	
								MI	FT			SF	LS	LF	LF	LF	LF	LF	
2026CPT.14.04.10561	Macon	1	US-64	ALONG US64	1	2	2WU	2.8	20	36.21	39.01	224	0.34	29,700	29,700				
TOTAL FOR MAP NO. 1								2.8				224	0.34	29,700	29,700				
TOTAL FOR PROJ NO. 2026CPT.14.04.10561								2.8				224	0.34	29,700	29,700	59,400			
2026CPT.14.04.20561	Macon	2	SR-1538 / BUCK CREEK RD	FROM SR 1537 TO SR 1558	2	2	2WU	2.26	18	6.58	8.84	258	0.39			23,900	23,900	50	
TOTAL FOR MAP NO. 2								2.26				258	0.39			23,900	23,900	50	
2026CPT.14.04.20561	Macon	3	SR-1674 / NICKAJACK RD	FROM SR 1697 TO SR 1674	2	2		1.52	18	0	1.52	180	0.19			15,206	15,206	50	
TOTAL FOR MAP NO. 3								1.52				180	0.19			15,206	15,206	50	
2026CPT.14.04.20561	Macon	4	SR-1644 / RIVERSIDE RD	FROM US 441 TO SR1653	3	2	2WD	0.49	18	0	0.49	55	0.08			5,174	5,174	100	
TOTAL FOR MAP NO. 4								0.49				55	0.075			5,174	5,174	100	
TOTAL FOR PROJ NO. 2026CPT.14.04.20561								4.27				493	0.656			44,280	44,280	200	
																88,760			
GRAND TOTAL								7.07				717	1.000	29,700	29,700	44,280	44,280	200	
																59,400		88,760	



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>	

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