

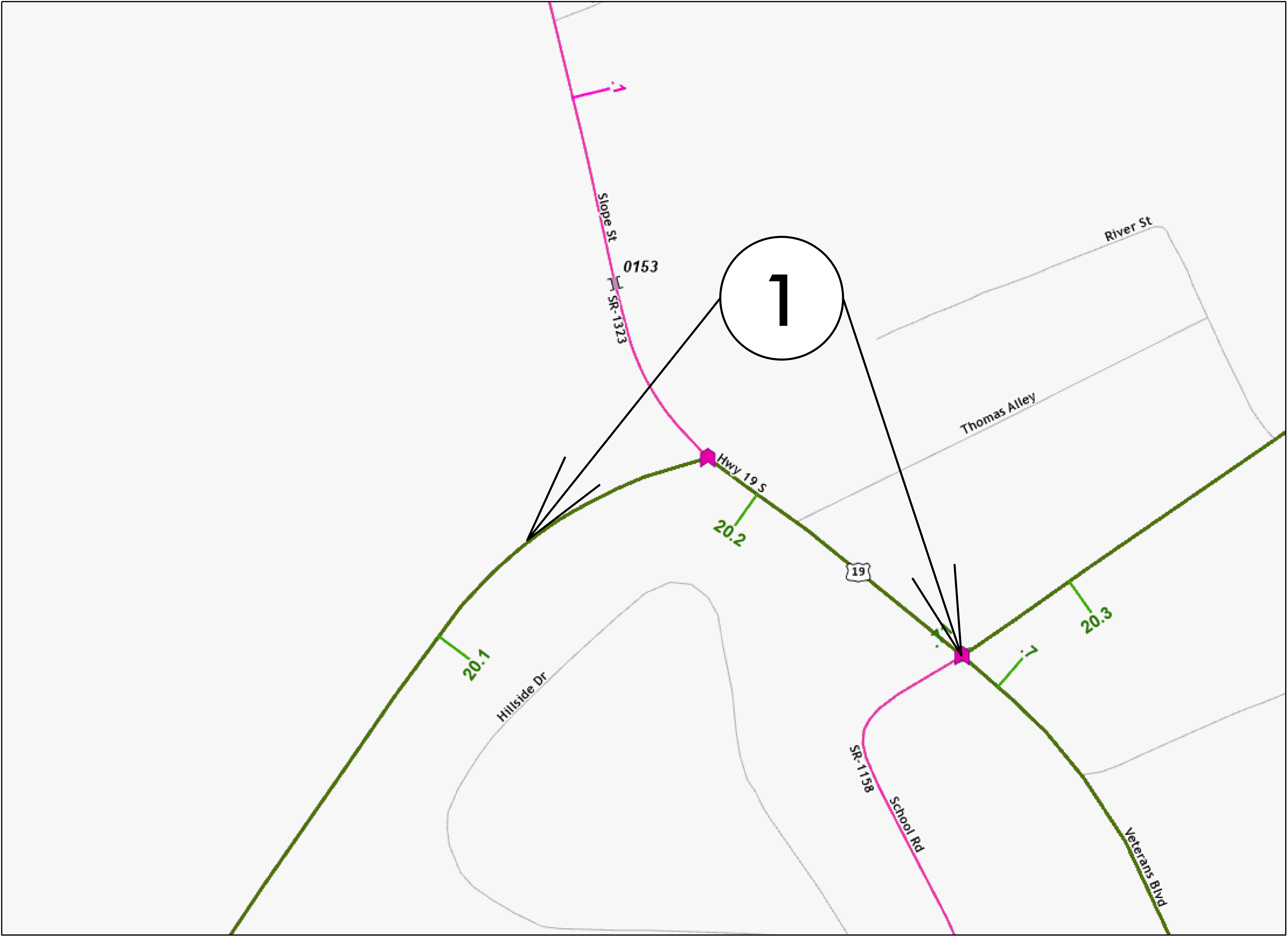
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SWAIN COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.13.10871	1	13
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.13.20871		CON	
		CON	
		CON	



MAP 1



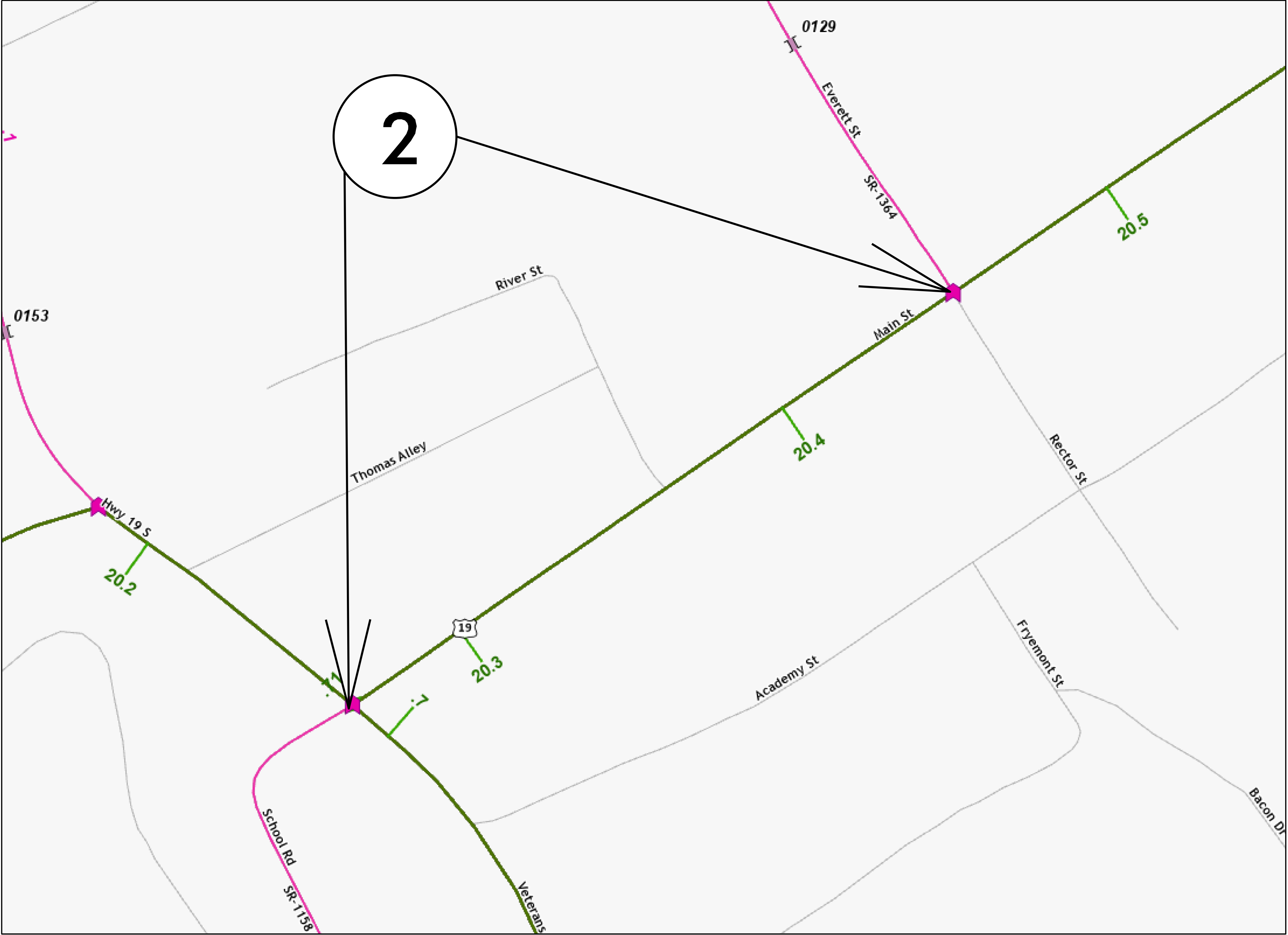
BEG



END

SWAIN COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.13.10871	2	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.13.20871			



MAP 2



BEG

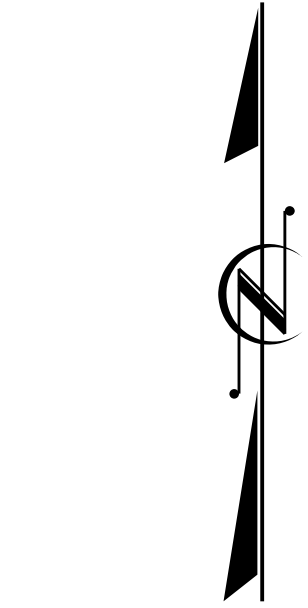
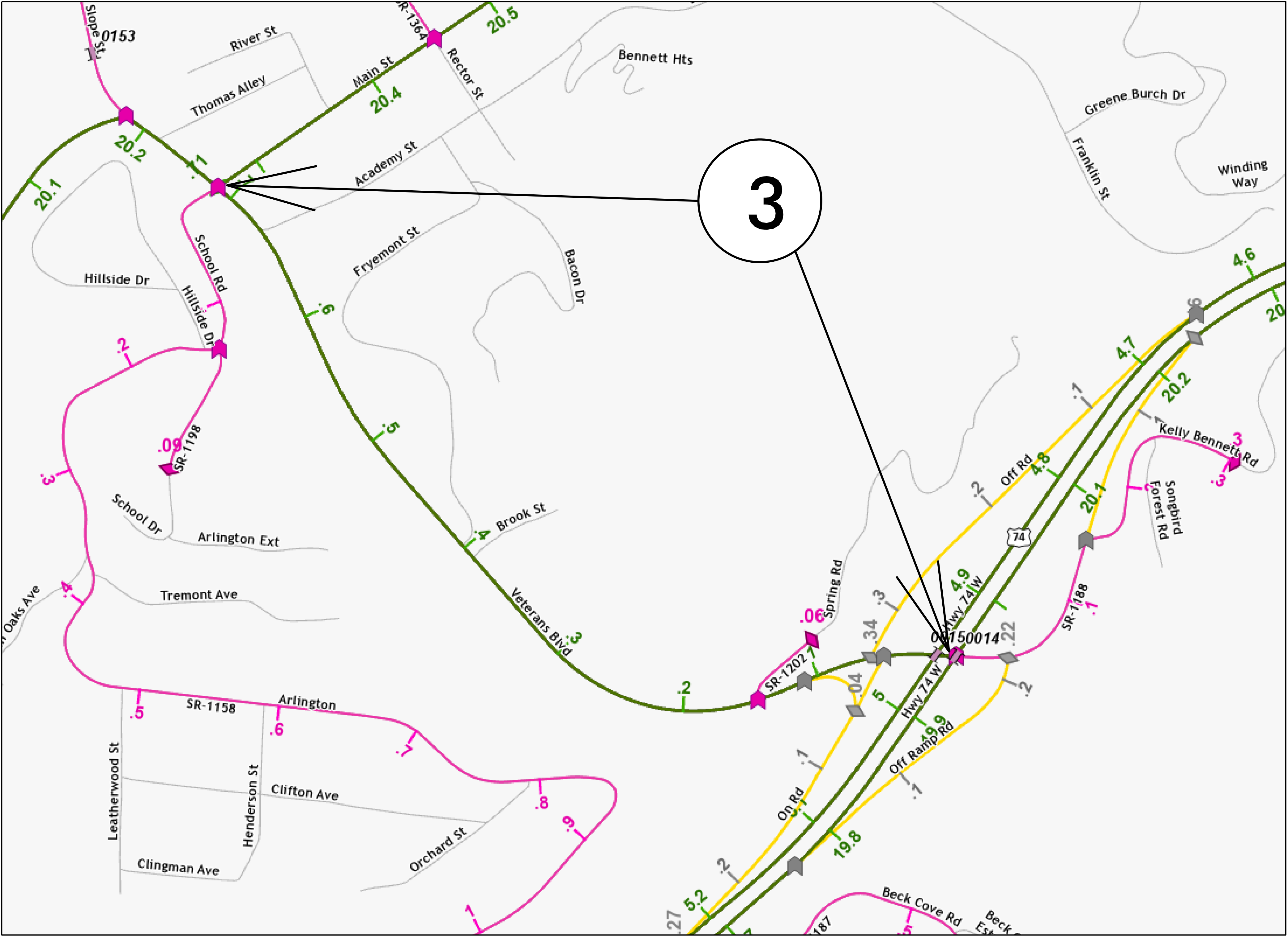


END

09/08/09

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.13.10871	3	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.13.20871		CON	
		CON	

SWAIN COUNTY



MAP 3



BEG

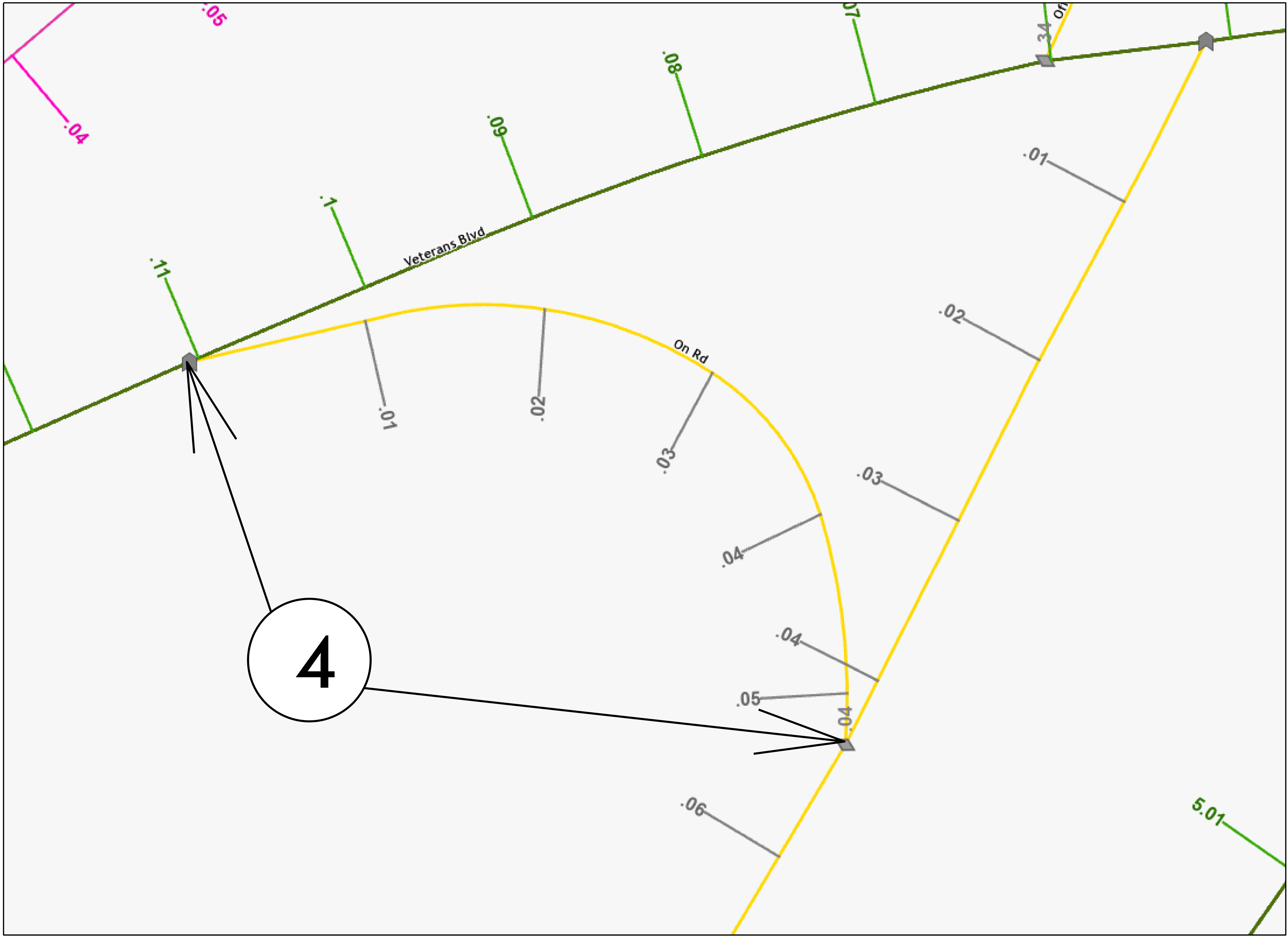


END

CONTRACT: DN01158

SWAIN COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.13.10871	4	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.13.20871			



MAP 4



BEG

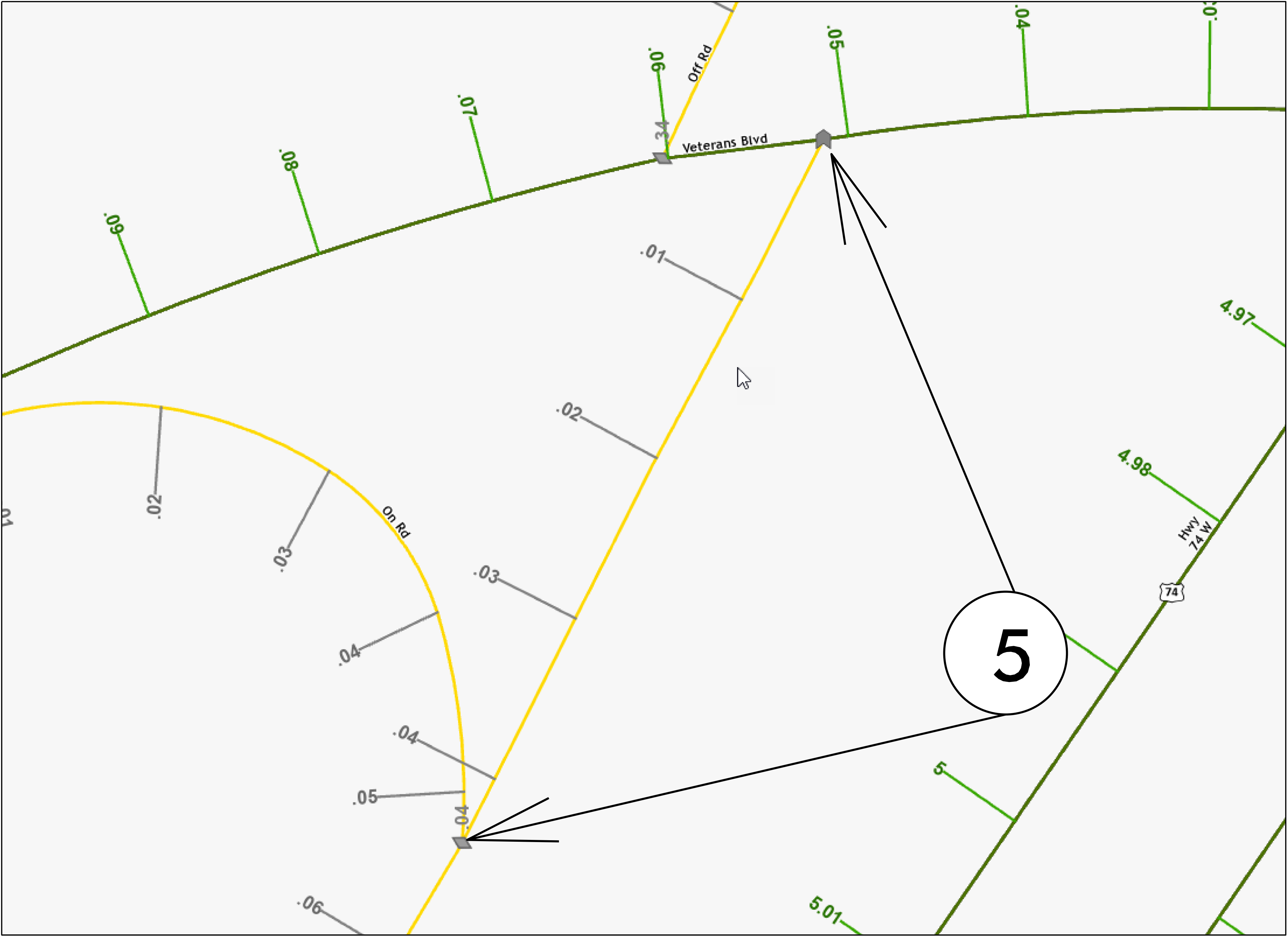


END

CONTRACT: DN01158

SWAIN COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.13.10871	5	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.13.20871		CON	
		CON	
		CON	



MAP 5



BEG

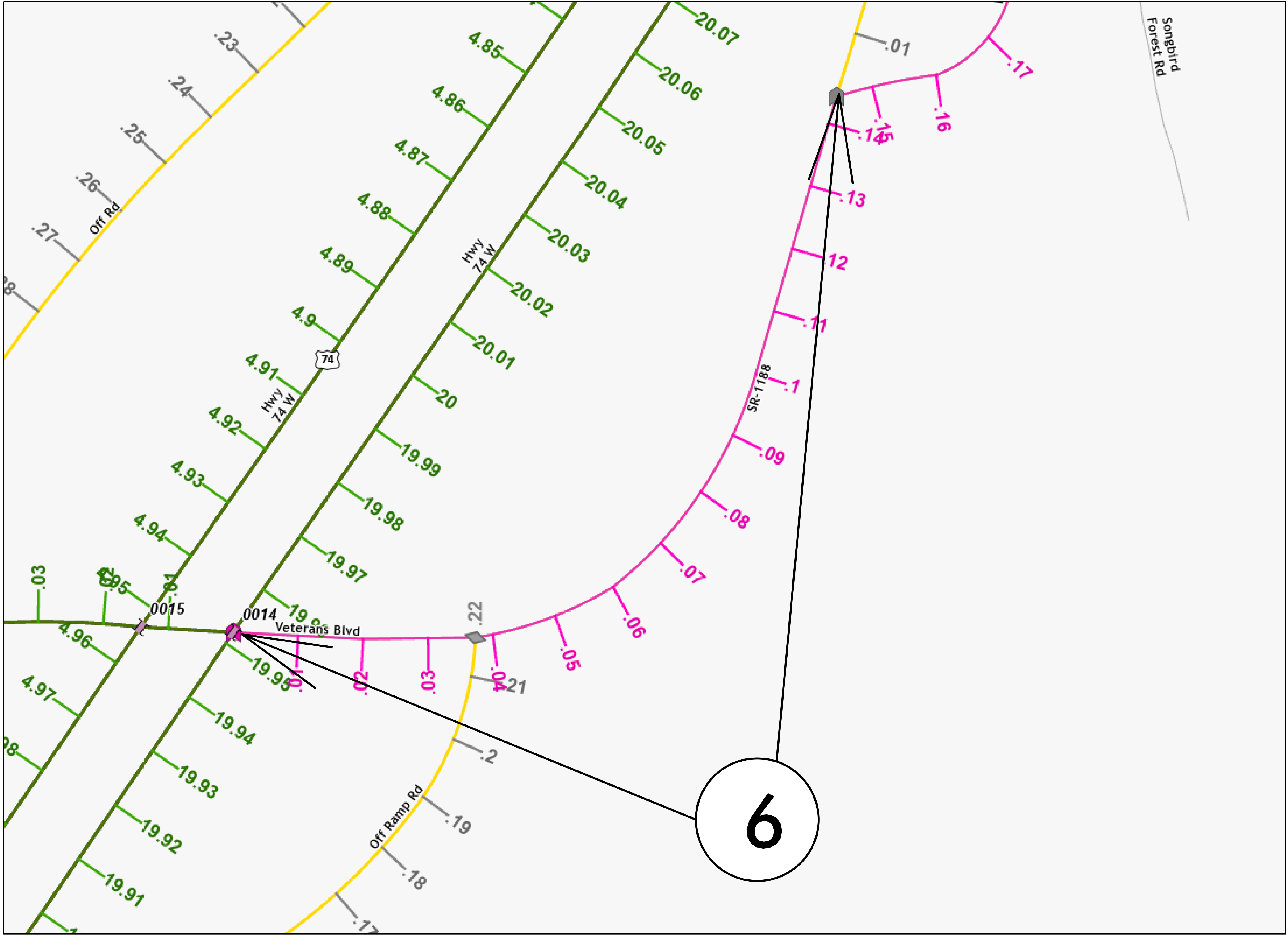


END

CONTRACT: DN01158

SWAIN COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.13.10871	6	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.13.20871			



MAP 6



BEG

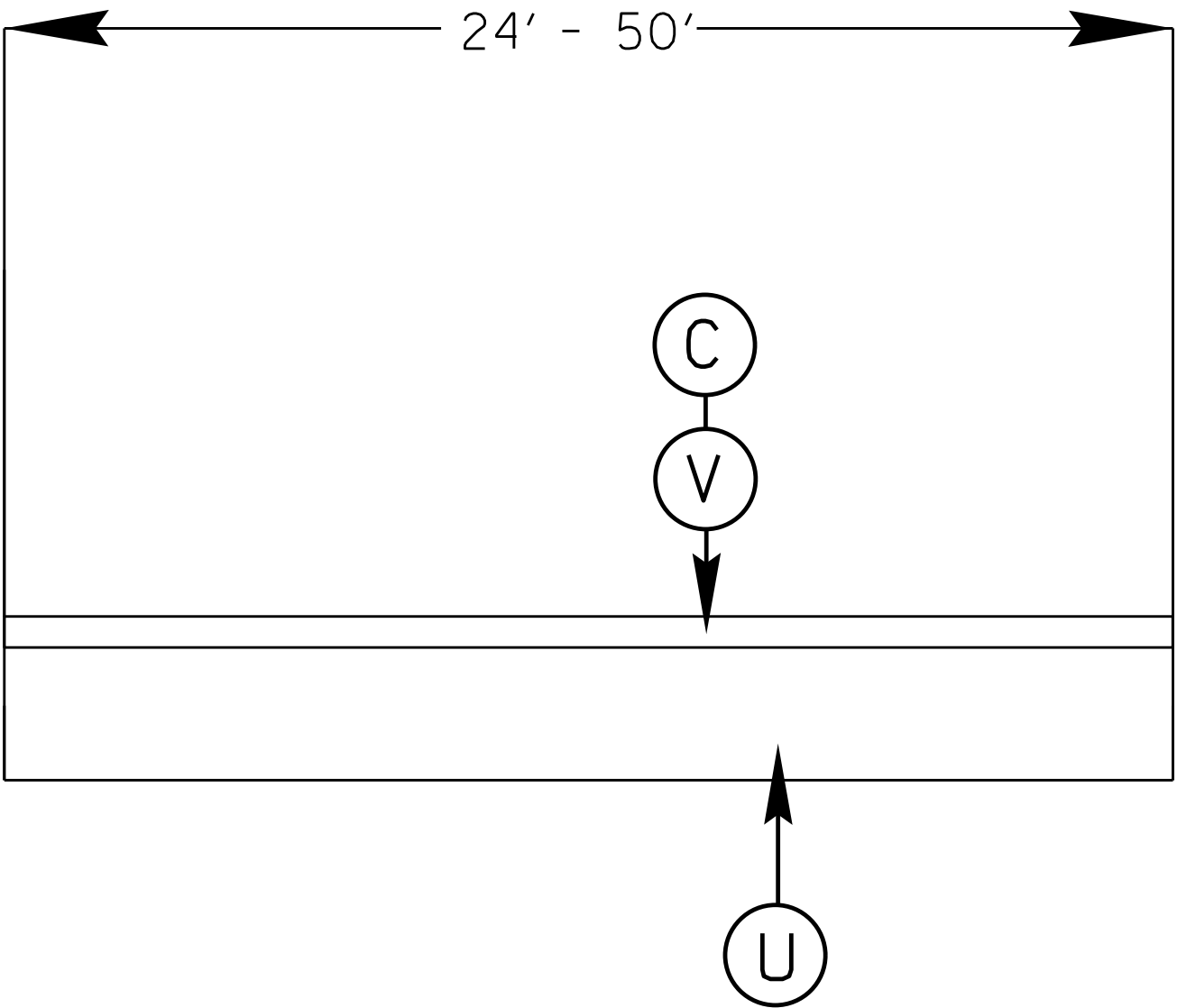


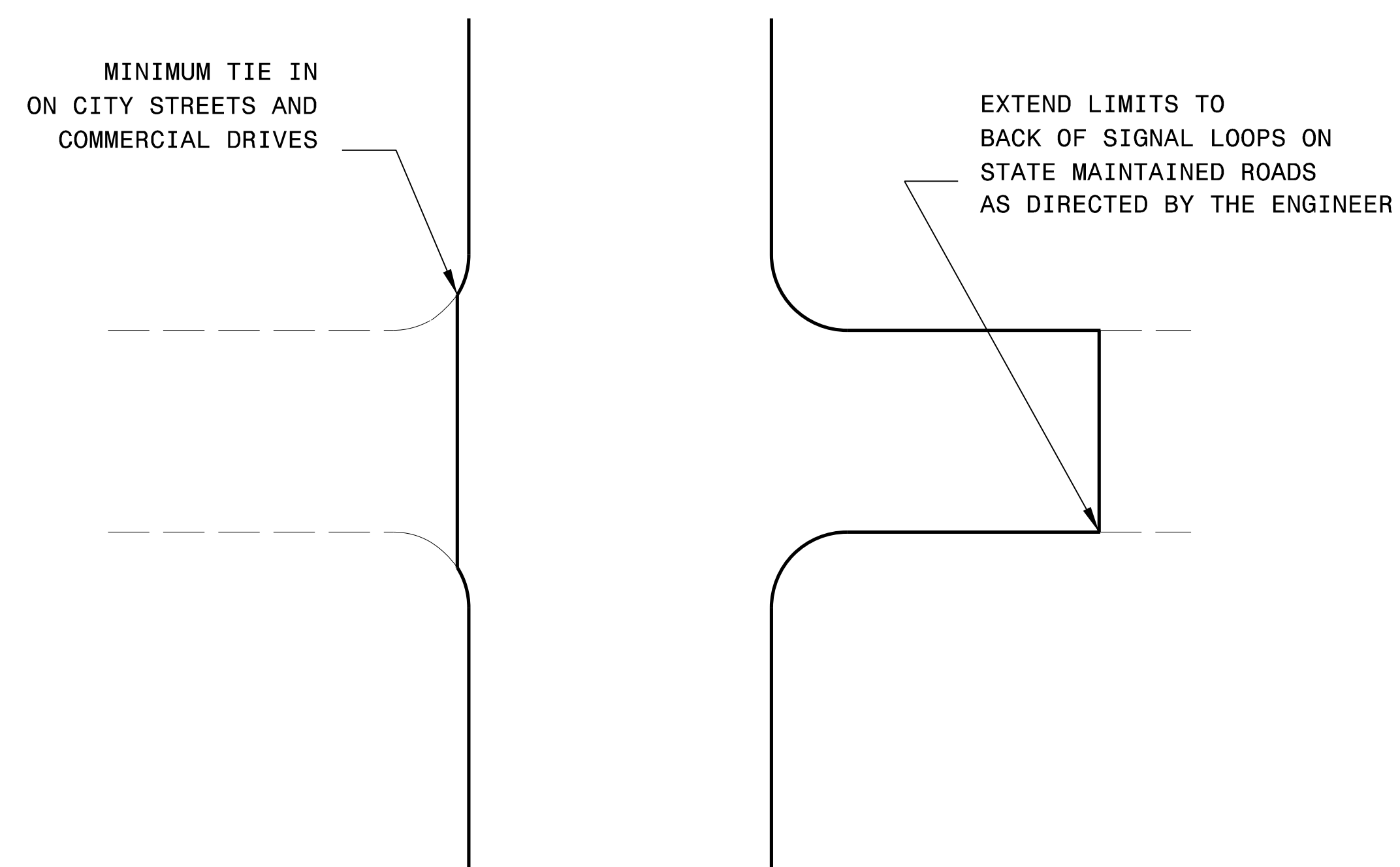
END

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.14.13.10871	7	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.13.20871			

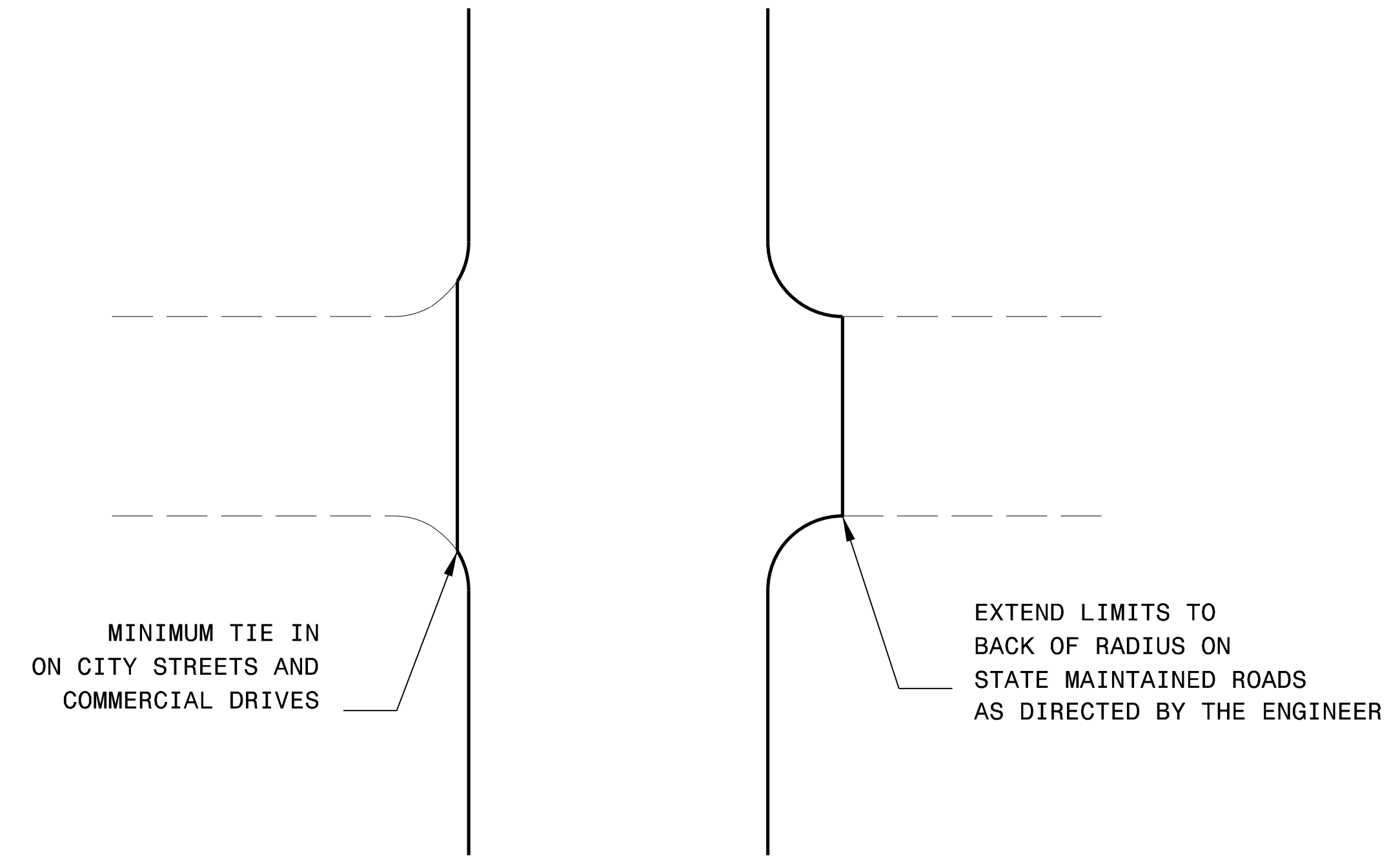
SURFACING SCHEDULE	
C	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168LBS. PER SQ. YD.
U	EXISTING PAVEMENT
V	MILLED ASPHALT PAVEMENT 1 1/2" IN DEPTH IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER

TYPICAL 1





TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES



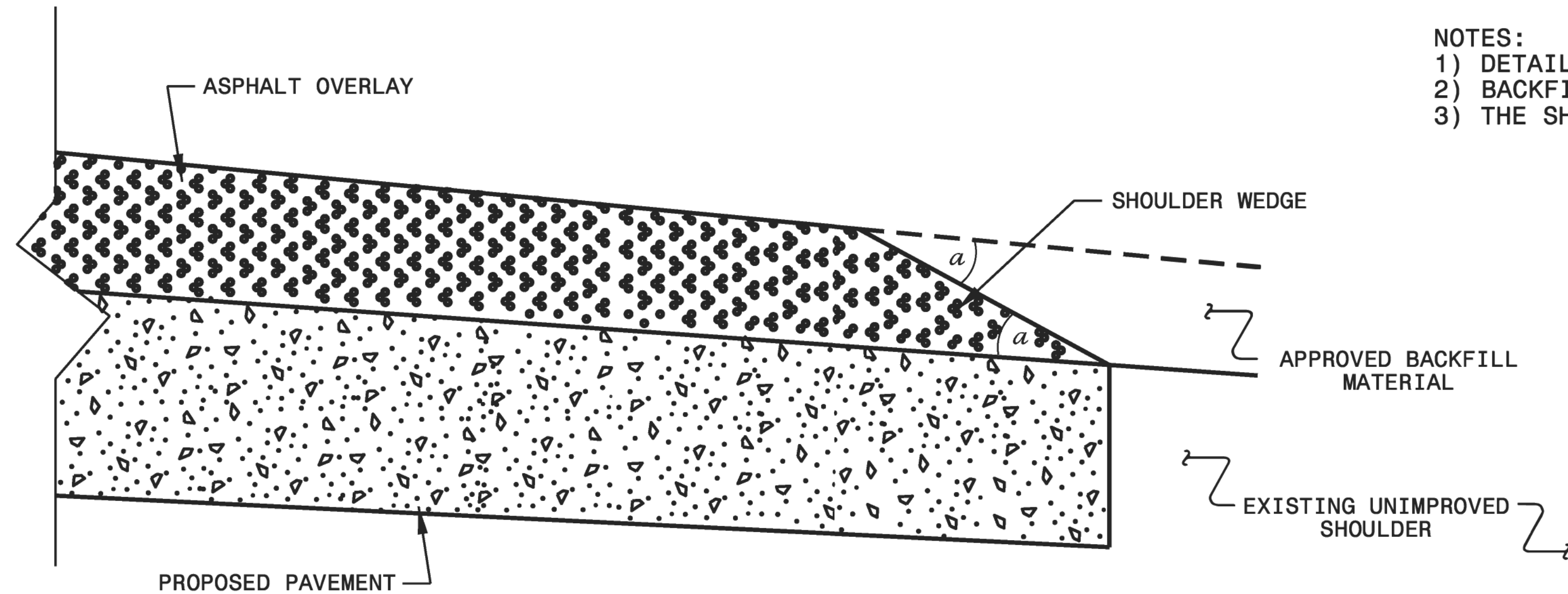
TYPICAL DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

ADDITIONAL INTERSECTIONS (NON-TYPICAL)

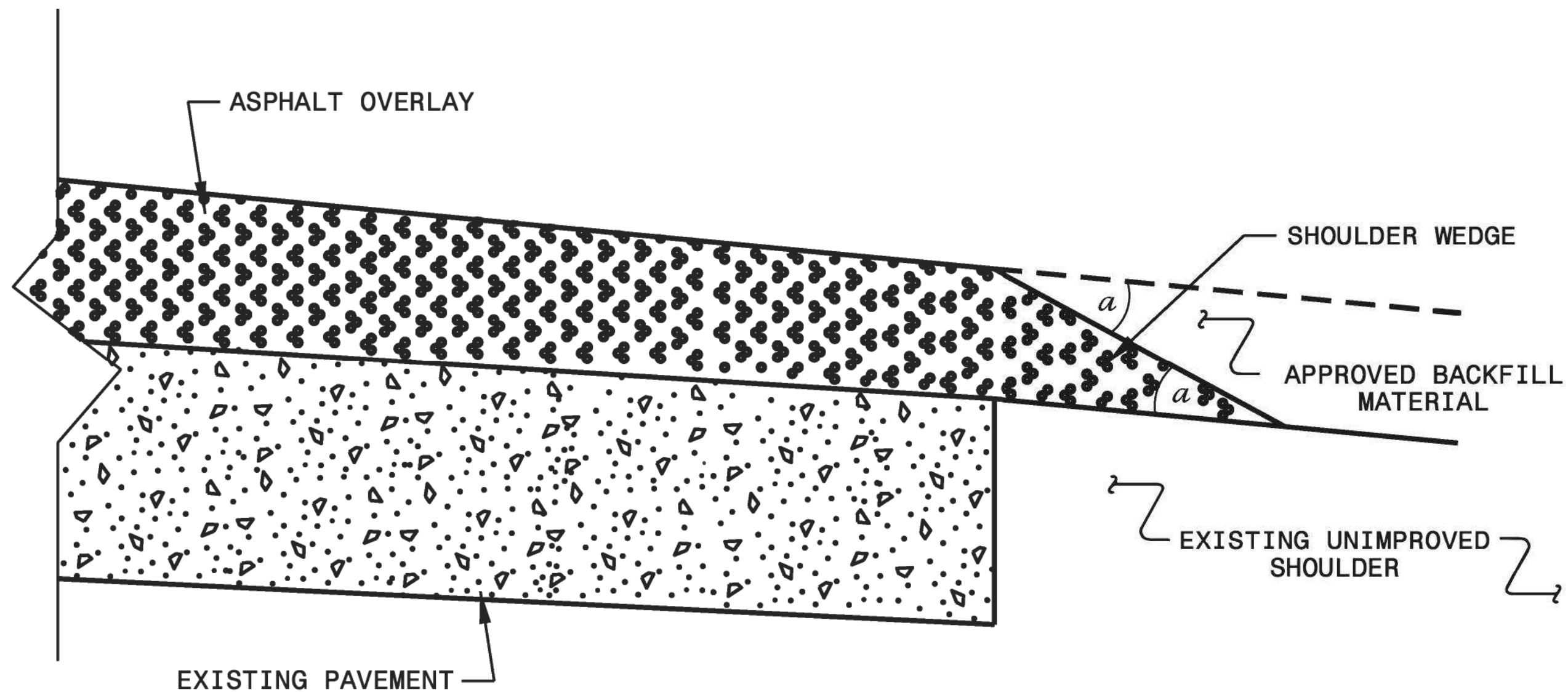
Extend paving limits to back of radius
or loop on the following intersections:

[illegible]

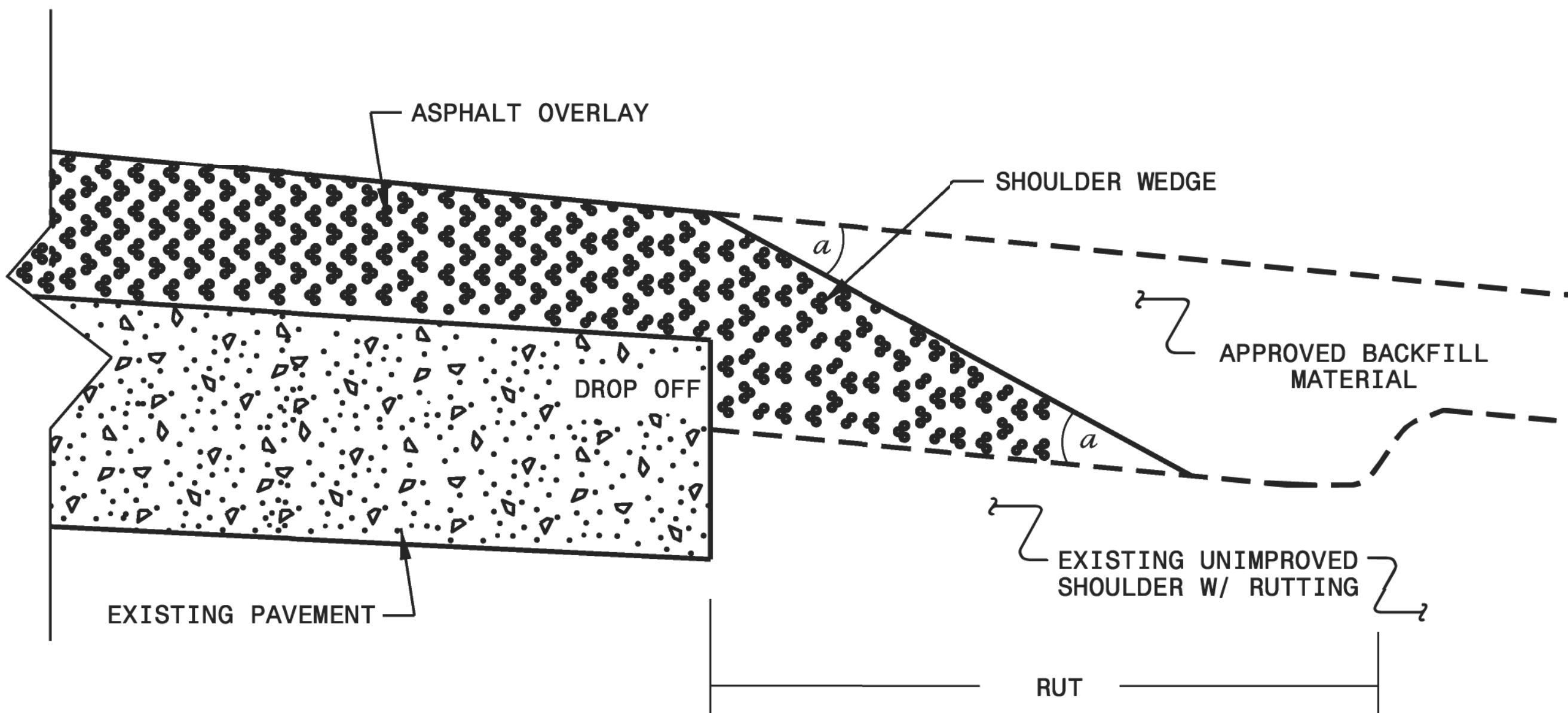
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)



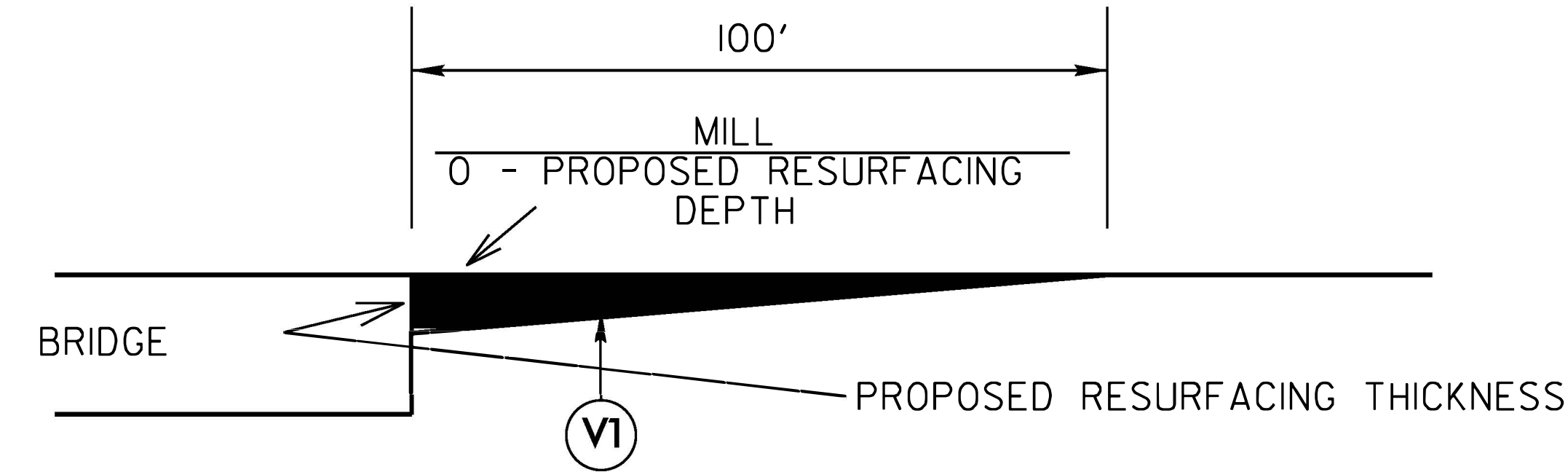
SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)

- 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\shoulderwed_detail.dgn		

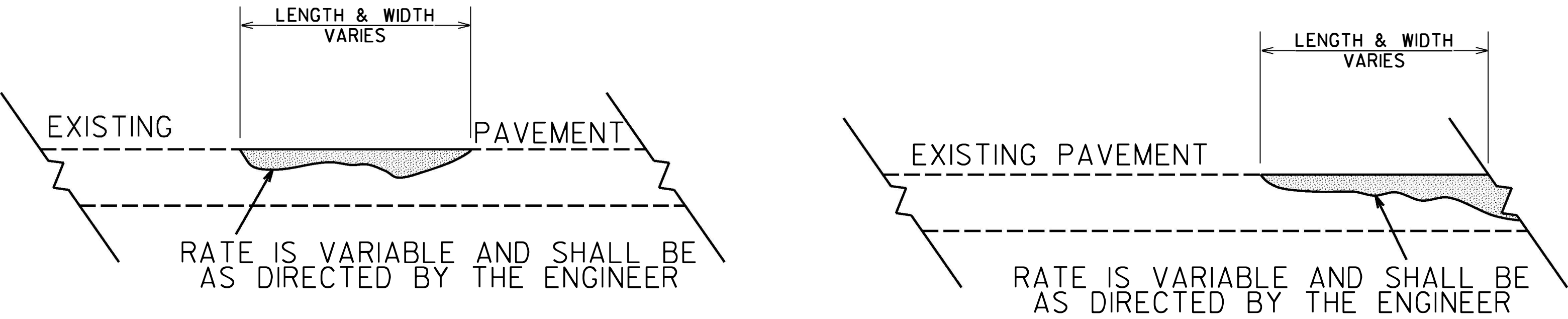
CONTRACT: DN01150

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
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STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2026CPT.14.13.20871			



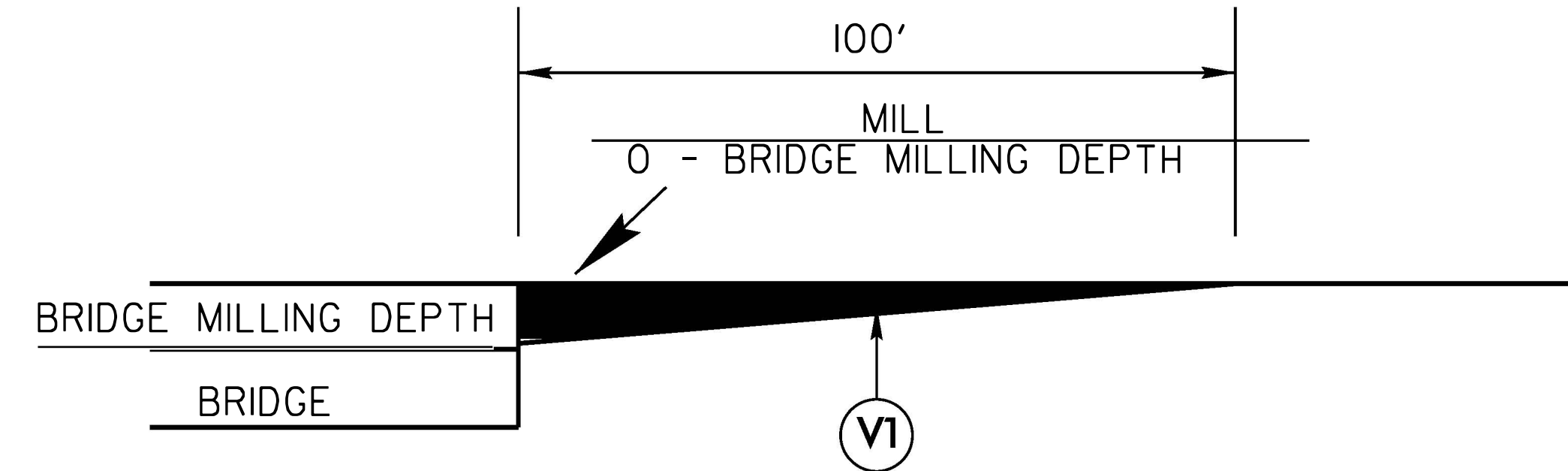
MILLING DETAIL AT BRIDGE APPROACHES

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



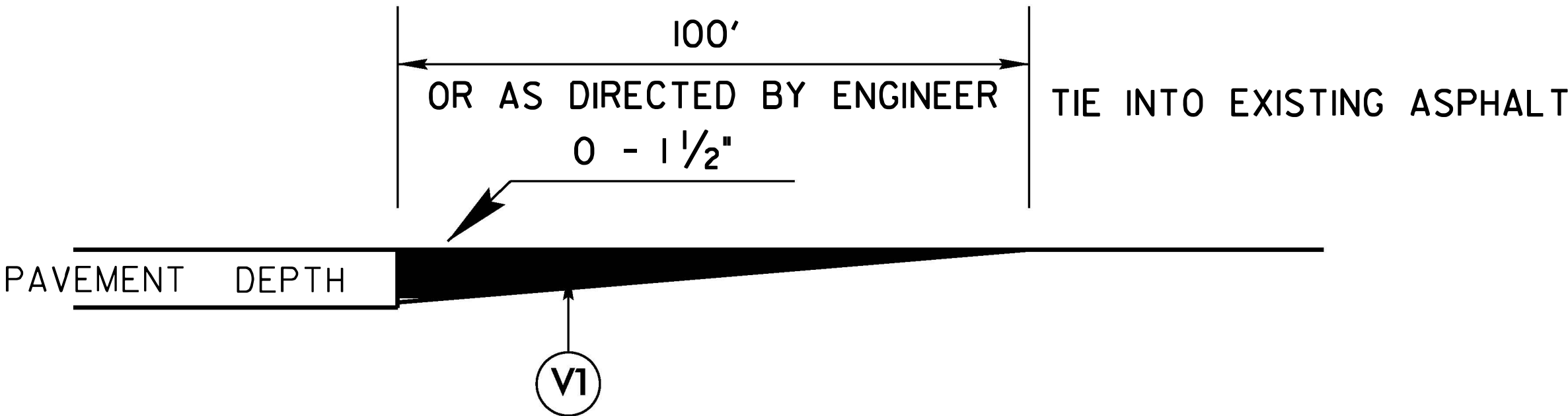
DETAIL SHOWING METHOD OF WEDGING

***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.**

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.14.13.10871, 2026CPT.14.13.20871	11	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	1297000000-E	1523000000-E	1575000000-E	1704000000-E	2815000000-N	2830000000-N	2845000000-N	7444000000-E	7456100000-E
												1½" MILLING	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ADJ. OF DROP INLET	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	INDUCTIVE LOOP SAWCUT	LEAD-IN CABLE (14-2)
								MI	FT			SY	TONS	TONS	TONS	EA	EA	EA	LF	LF
2026CPT.14.13.10871	Swain	1	US-19 S	FROM MAIN ST TO PVMT CHANGE	1	2	2WU	0.107	40	20.267	20.160	2,491	376	22			1		220.00	20.00
TOTAL FOR MAP NO. 1								0.107				2,491	376	22			1		220.00	20.00
2026CPT.14.13.10871	Swain	2	US-19 MAIN ST	FROM US-19 CTR TO EVERETT ST	1	2		0.183	40	20.267	20.450	7,002	612	36		11	6	11	300.00	40.00
TOTAL FOR MAP NO. 2								0.183				7,002	612	36		11	6	11	300.00	40.00
2026CPT.14.13.10871	Swain	3	US-19 CTR	FROM SR 1188 TO MAIN ST	1	2	2WD	0.720	50	0.000	0.720	22,801	1,991	231	2,358		3	3	372.00	30.00
TOTAL FOR MAP NO. 3								0.720				22,801	1,991	231	2,358		3	3	372.00	30.00
2026CPT.14.13.10871	Swain	4	RMP-5430 OI	FROM US-19CTR TO PVMT CHANGE	1	2		0.050	24	0.000	0.050	1,125	98	6						
TOTAL FOR MAP NO. 4								0.050				1,125	98	6						
2026CPT.14.13.10871	Swain	5	RMP-5431 OI	FROM US-19CTR TO PVMT CHANGE	1	2		0.040	24	0.000	0.040	404	35	2						
TOTAL FOR MAP NO. 5								0.040				404	35	2						
TOTAL FOR PROJ NO. 2026CPT.14.13.10871								1.100				33,823	3,112	297	2,358	11	10	14	892.00	90.00
2026CPT.14.13.20871	Swain	6	SR-1188 / VETERANS BLVD	FROM US-19CTR TO PVMT CHANGE	1	2	2WU	0.143	25	0.000	0.143	3,787	331	20						
TOTAL FOR MAP NO. 6								0.143				3,787	331	20						
TOTAL FOR PROJ NO. 2026CPT.14.13.20871								0.143				3,787	331	20						
GRAND TOTAL								1.243				37,610	3,443	317	2,358	11	10	14	892.00	90.00

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.14.13.10871, 2026CPT.14.13.20871	12	

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	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)(WHITE)	4688000000-E THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)(YELLOW)	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)(BLUE)	4695000000-E THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)(YELLOW)	4700000000-E THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)(WHITE)	4709000000-E THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)(WHITE)	THERMO LT ARROW 90 MILS	THERMO RT ARROW 90 MILS	THERMO STR ARROW 90 MILS	THERMO STR & RT ARROW 90 MILS	THERMO STR & LT ARROW 90 MILS	THERMO LT & RT ARROW 90 MILS	4810000000-E 4" WHITE PAINT	4815000000-E 4" YELLOW PAINT	4835000000-E 6" WHITE PAINT	4835000000-E 24" WHITE PAINT	4890000000-N YIELD LINE THERMOPLASTIC PAVEMENT MARKING 24" YIELD LINE (90 MILS)	4895000000-N GENERIC PAVEMENT MARKING ITEM - POLYCARBONATE H- SHAPED MARKERS				
								MI	FT					SF	LS	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	LF	LF	LF	LF	LF	EA				
2026CPT.14.13.10871	Swain	1	US-19 S	FROM MAIN ST TO PVMT CHANGE	1	2	2WU	0.107	40	20.267	20.16	126	0.07	420	1,325		32	80	108	3	1	2					420	1,325		108	12				
	TOTAL FOR MAP NO. 1			0.107									126	0.07	420	1,325		32	80	108	3	1	2			420	1,325		108	12					
2026CPT.14.13.10871	Swain	2	US-19 MAIN ST	FROM US-19 CTR TO EVERETT ST	1	2		0.183	40	20.267	20.45	126	0.11	1,403	1,928	80		570	105	2	2		1	2			1,403		1,928		37.00				
	TOTAL FOR MAP NO. 2			0.183									126	0.11	1,403	1,928	80		570	105	2	2		1	2		1,403		1,928		37.00				
2026CPT.14.13.10871	Swain	3	US-19 CTR	FROM SR 1188 TO MAIN ST	1	2	2WD	0.72	50	0	0.72	126	0.73	3,174	7,460			855	104	6			6				3,200	7,500			185.00				
	TOTAL FOR MAP NO. 3			0.72									126	0.73	3,174	7,460			855	104	6			6			3,200	7,500			185				
2026CPT.14.13.10871	Swain	4	RMP-5430 OI	FROM US-19CTR TO PVMT CHANGE	1	2		0.05	24	0	0.05	6	0.02	300	300																				
	TOTAL FOR MAP NO. 4			0.05									6	0.02	300	300																			
2026CPT.14.13.10871	Swain	5	RMP-5431 OI	FROM US-19CTR TO PVMT CHANGE	1	2		0.04	24	0	0.04	6	0.01	200	200																				
	TOTAL FOR MAP NO. 5			0.04									6	0.01	200	200																			
TOTAL FOR PROJ NO. 2026CPT.14.13.10871								1.1				390	0.94	5,497	16,790	80	32	1,505	317	11	3	2	7	2		5,023	8,825	1,928	108	12	222.00				
2026CPT.14.13.20871	Swain	6	SR-1188 / VETERANS BLVD	FROM US-19CTR TO PVMT CHANGE	1	2	2WU	0.143	25	0	0.143	18	0.06	1,948	1,468			58																	
	TOTAL FOR MAP NO. 6			0.143									18	0.063	1,948	1,468			58																
	TOTAL FOR PROJ NO. 2026CPT.14.13.20871			0.143									18	0.063	1,948	1,468			58																
																	3,416											1							
GRAND TOTAL								1,243				408	1,000	7,445	12,681	80	32	1,563	317	11	3	2	7	2	1	5,023	8,825	1,928	108	12.00	222				
														20,206									26			13,848									

