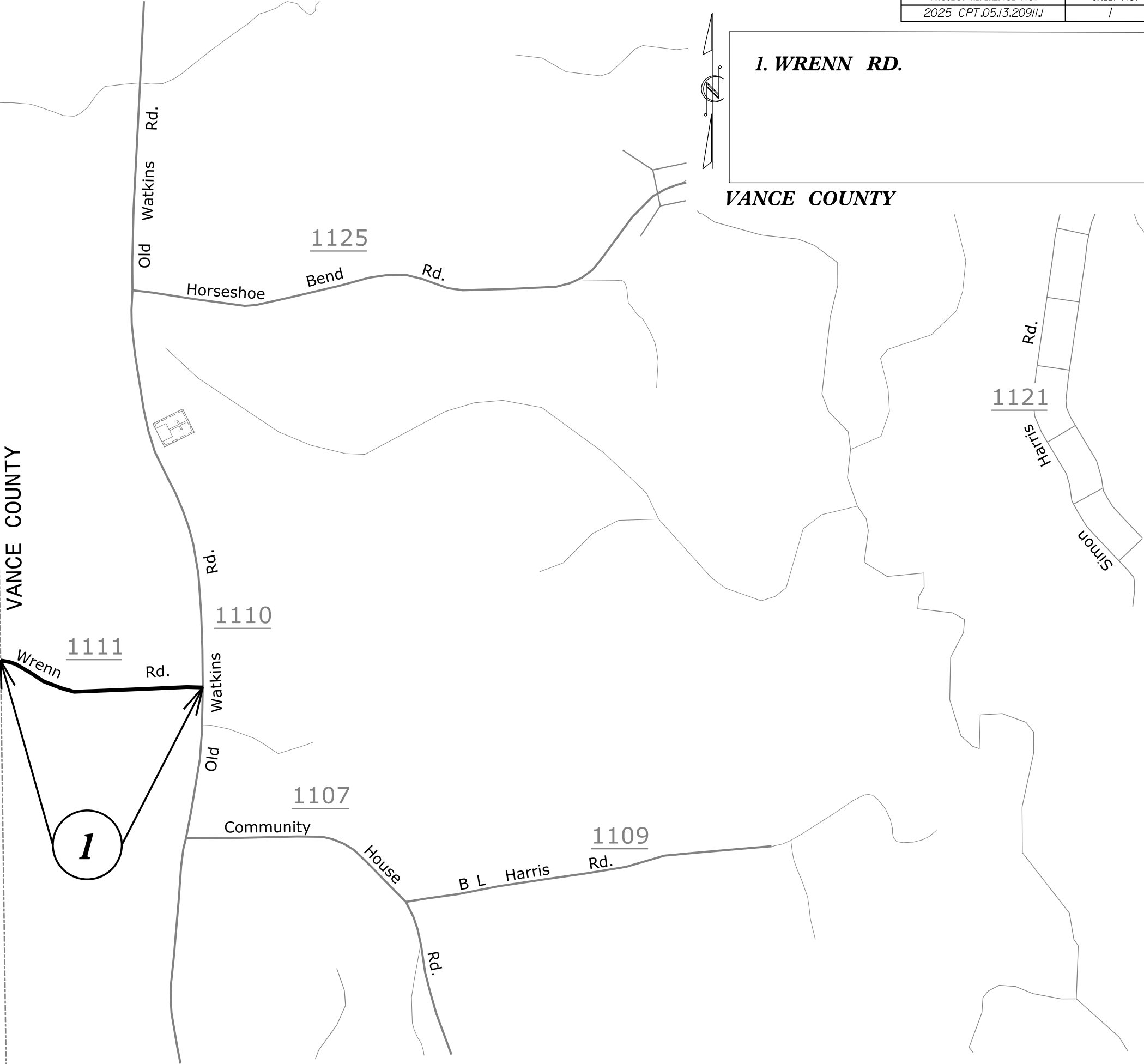


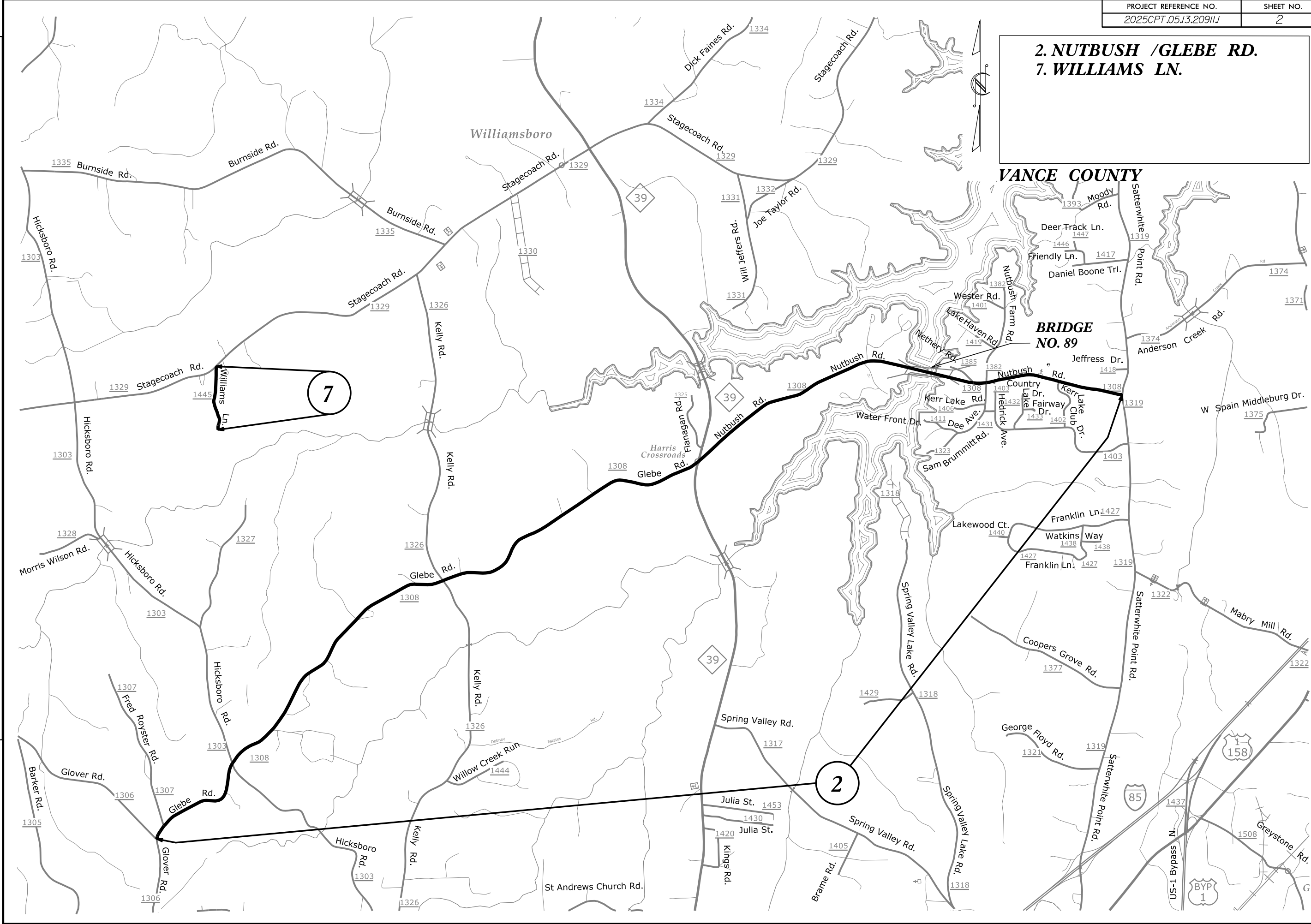
1. WRENN RD.

VANCE COUNTY

GRANVILLE COUNTY
VANCE COUNTY



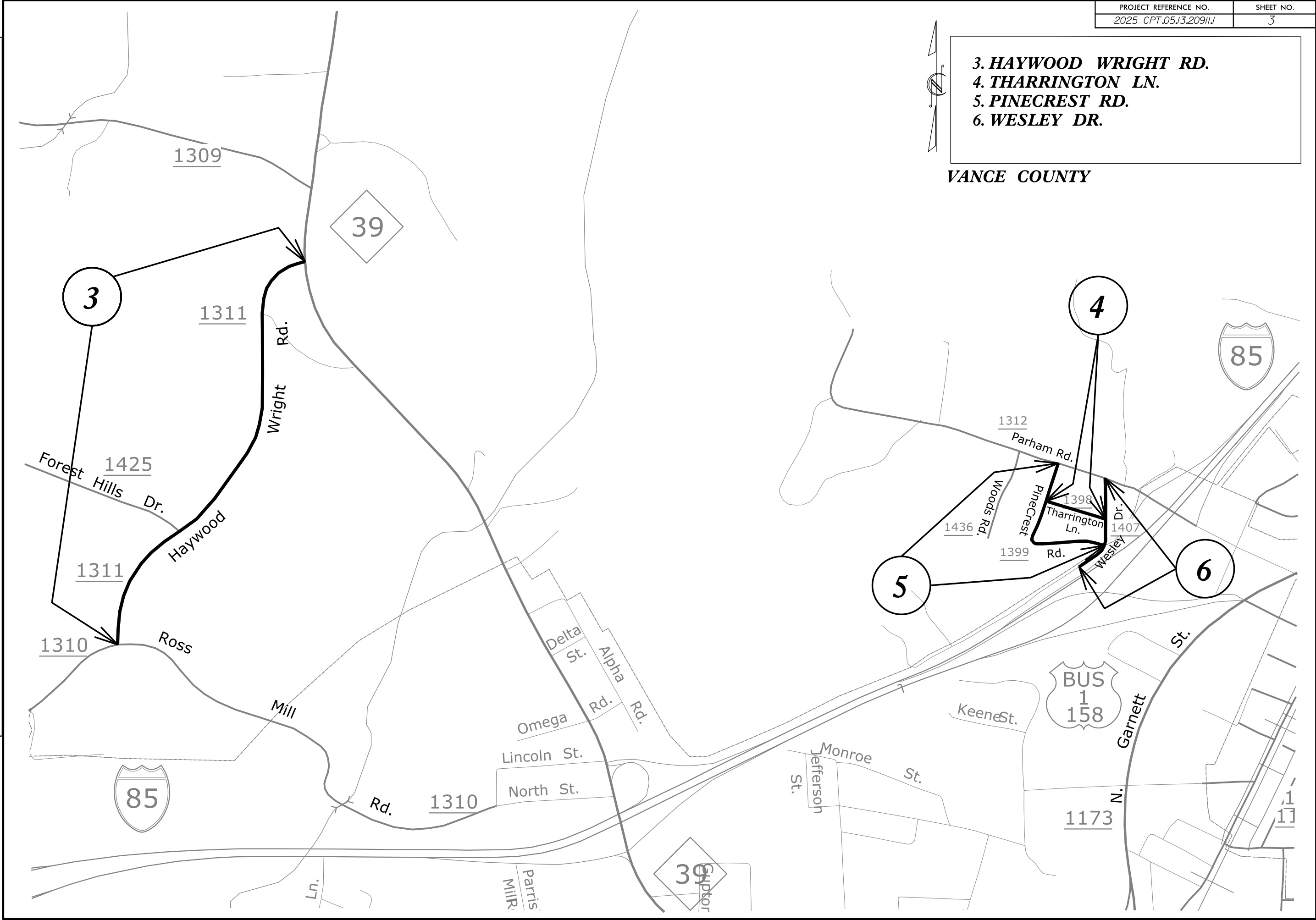
2. NUTBUSH /GLEBE RD.
7. WILLIAMS LN.





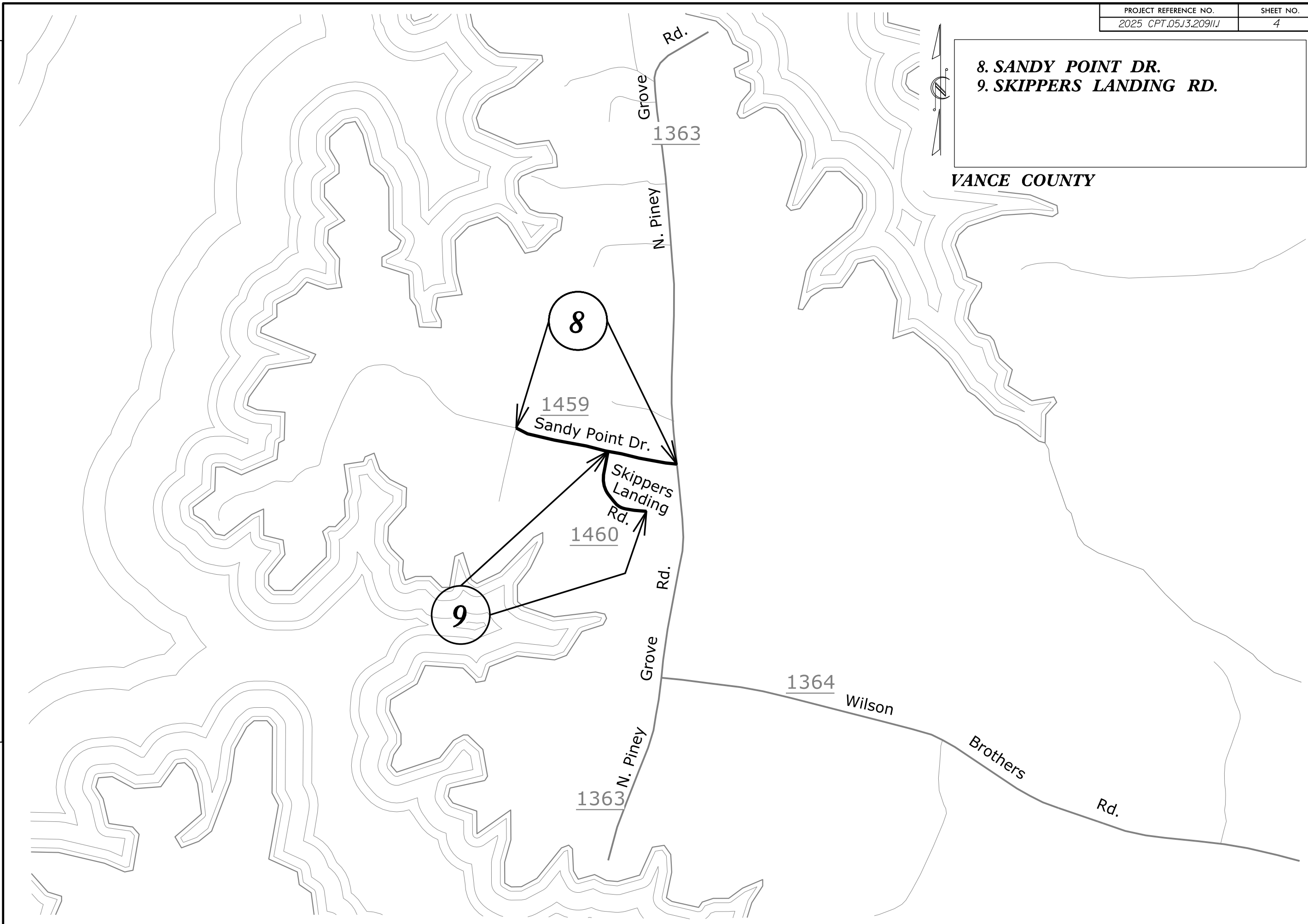
- 3. HAYWOOD WRIGHT RD.**
4. THARRINGTON LN.
5. PINECREST RD.
6. WESLEY DR.

VANCE COUNTY



8. **SANDY POINT DR.**
9. **SKIPPERS LANDING RD.**

VANCE COUNTY

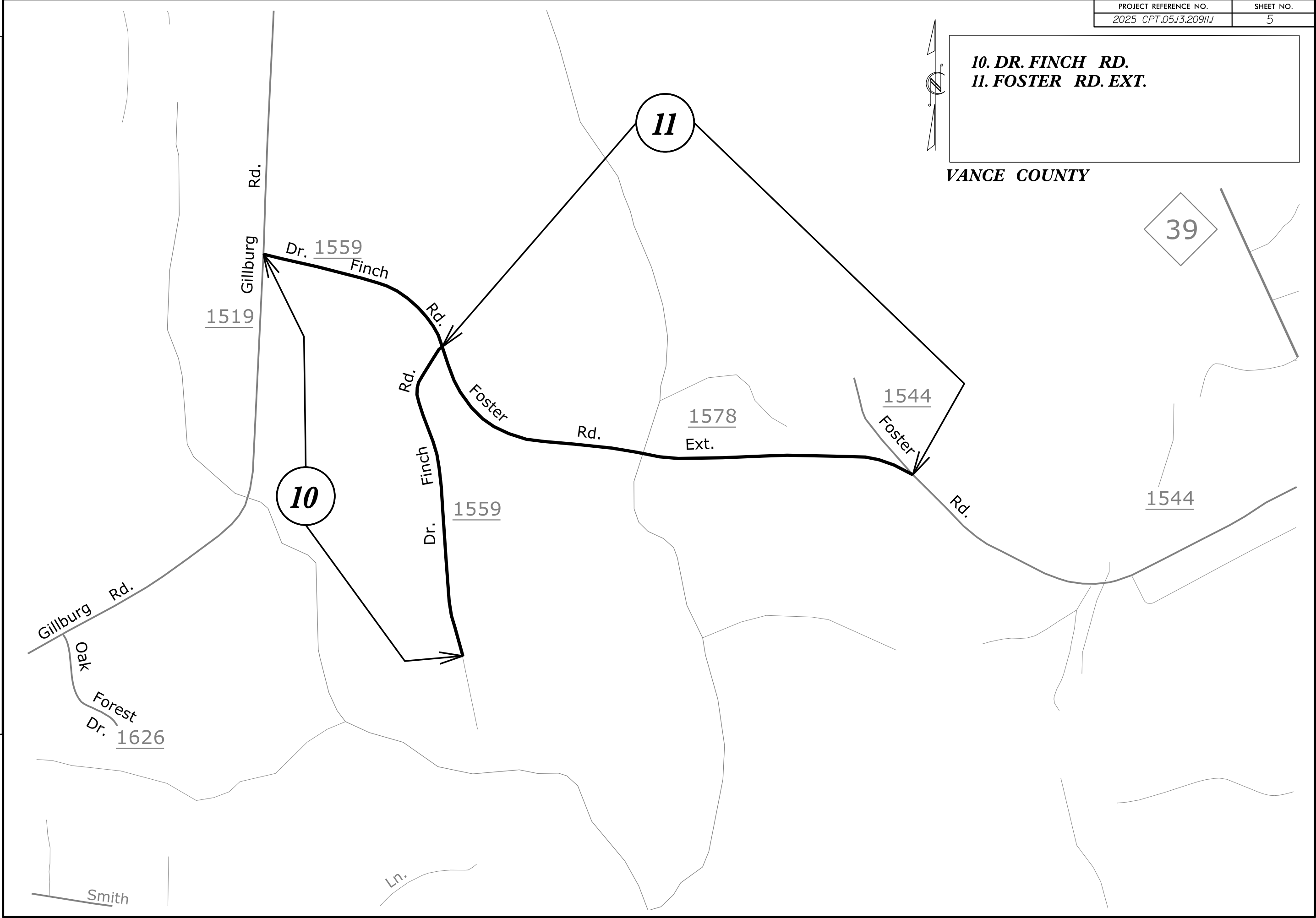




10. DR. FINCH RD.
11. FOSTER RD. EXT.

VANCE COUNTY

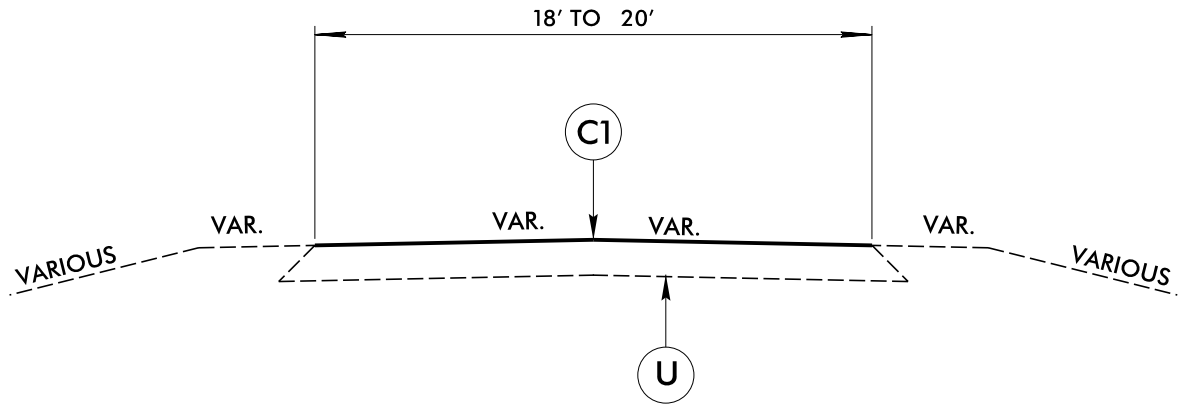
39



8/17/99

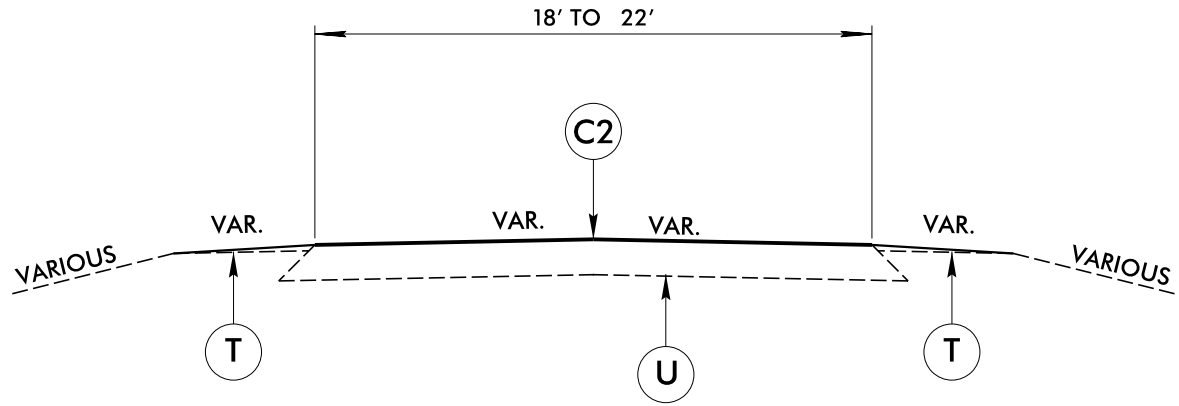
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1¼" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.0513.20911J	6



TYPICAL SECTION NO. 1

Note: Shoulder Reconstruction for Typical 1 maps are to be installed as directed by the engineer.

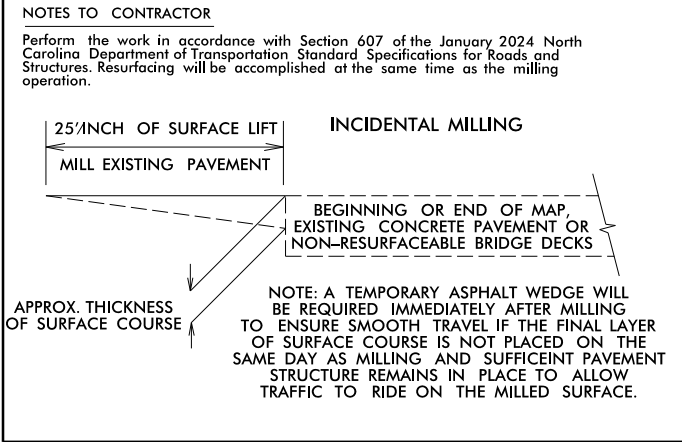
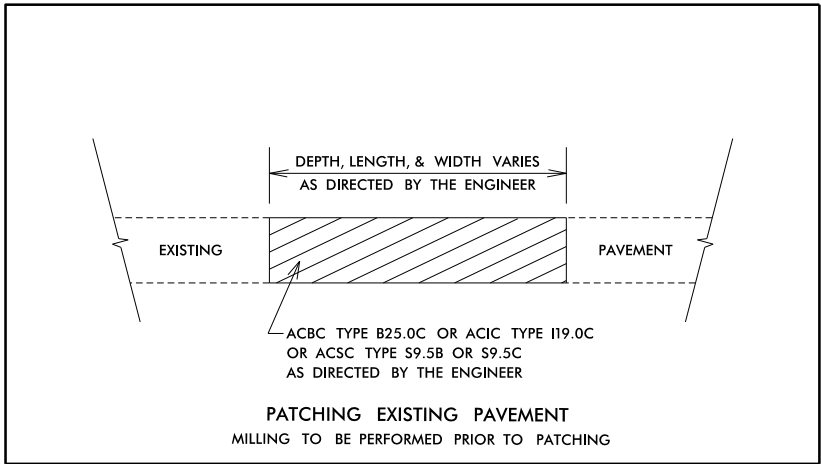


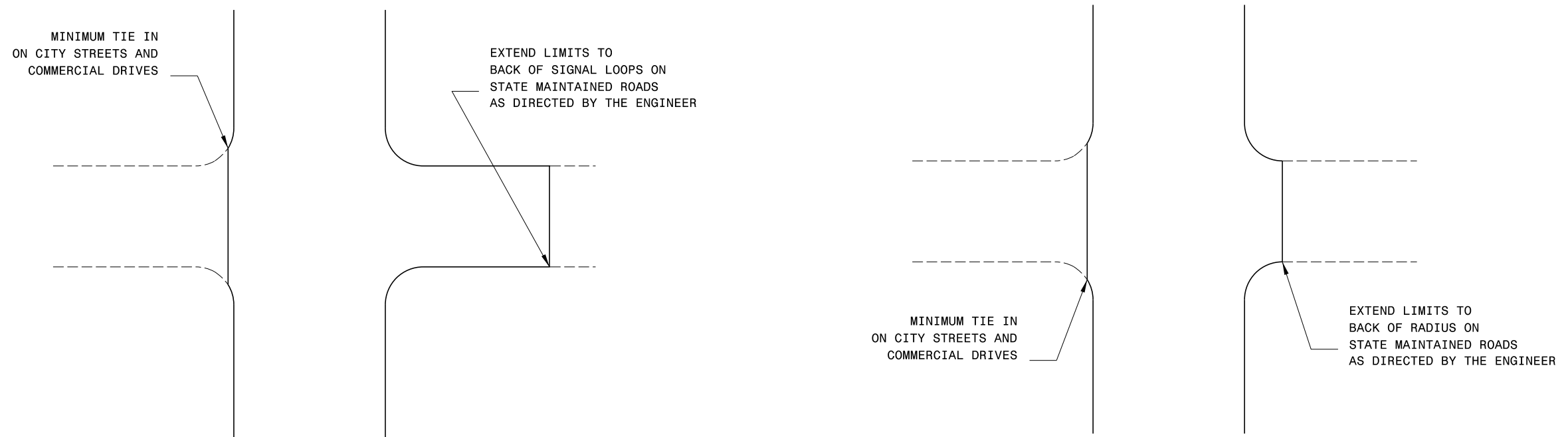
TYPICAL SECTION NO. 2

NOTE:
MILL 1¼" ON MAP 2, BRIDGE NO. 89 AS DIRECTED BY THE ENGINEER TO RESURFACE AND NOT ADD ANY ADDITIONAL WEIGHT ON THE BRIDGE. TO BE PAID FOR AS INCIDENTAL MILLING.

NOTES

ALL UNPAVED S.R. ROADS TO BE RESURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.
ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER.
EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.
BRIDGES TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.





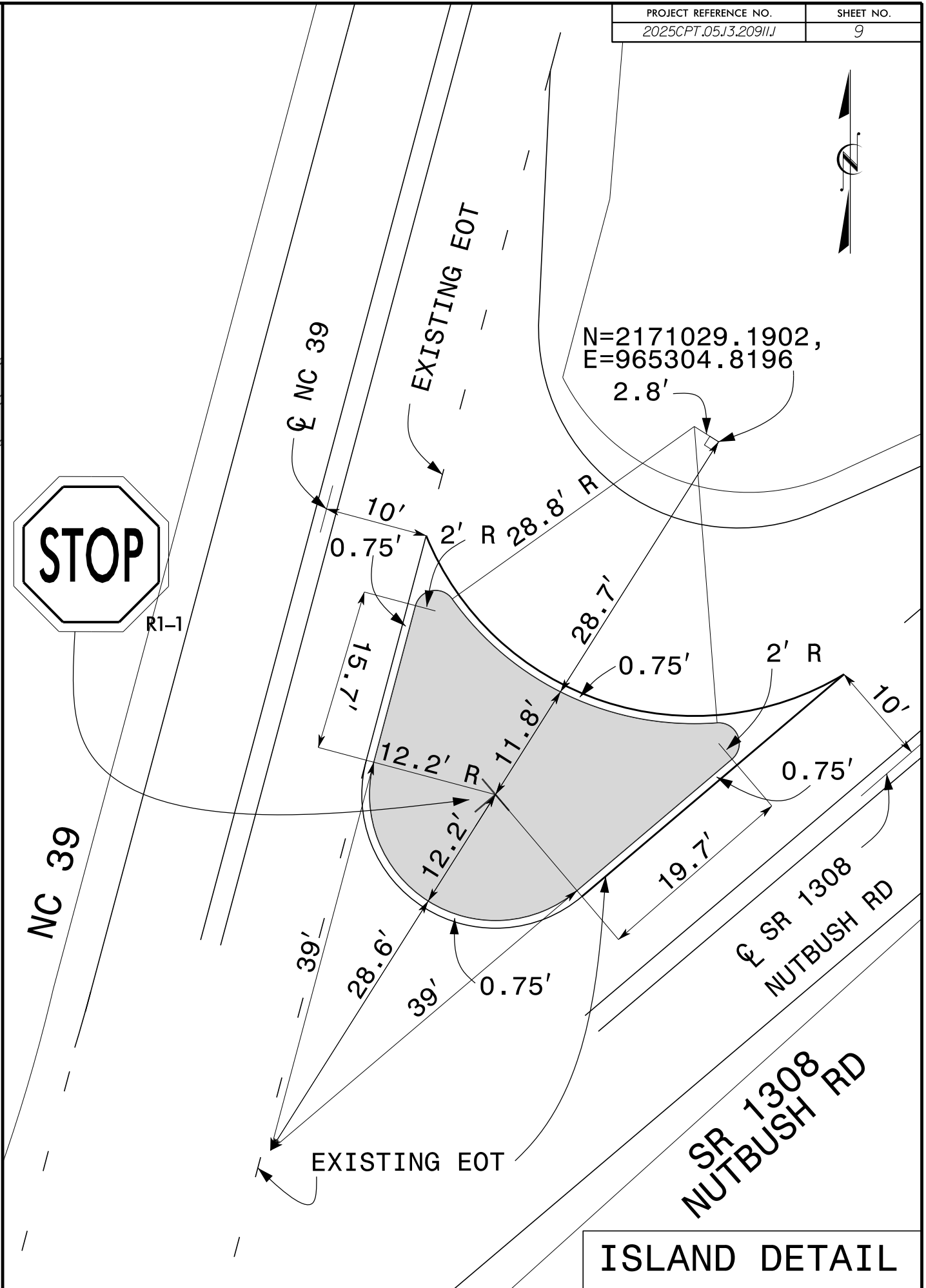
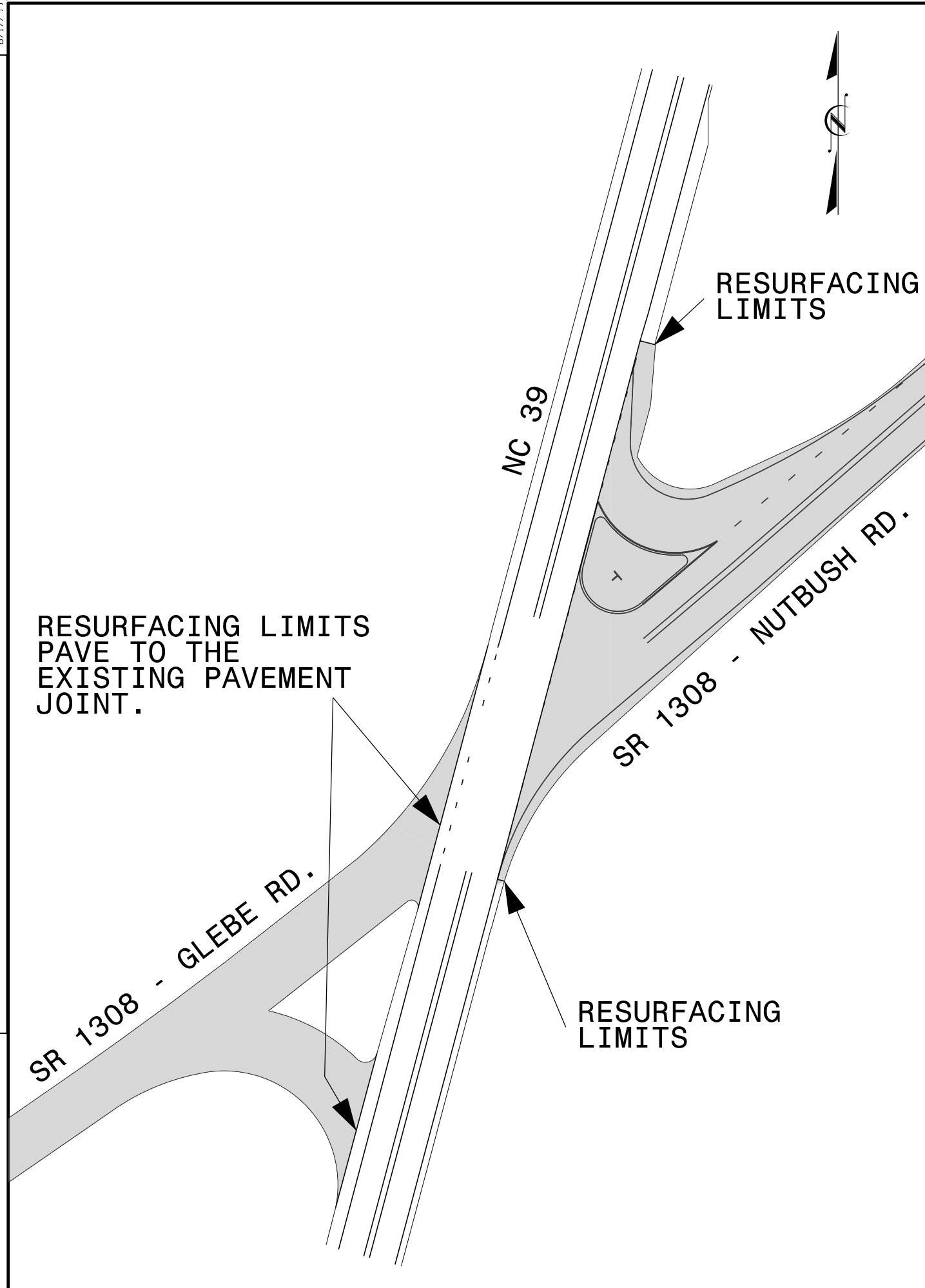
TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES

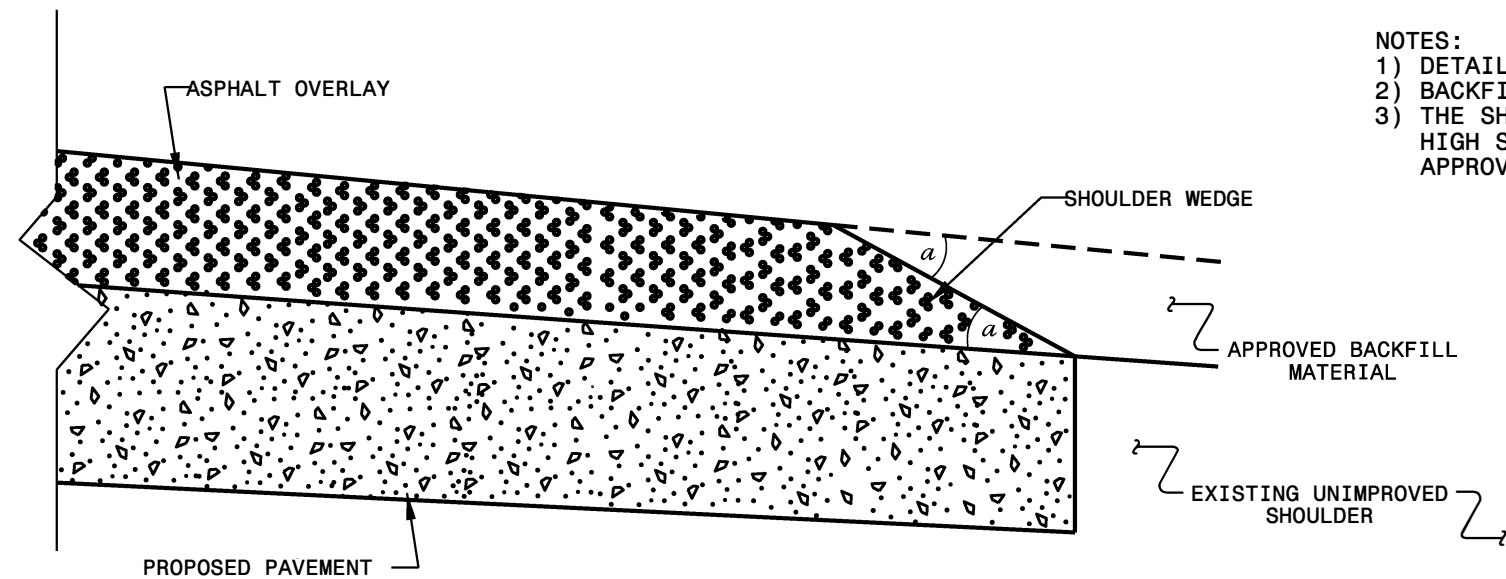
TYPICAL DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

ADDITIONAL INTERSECTIONS (NON-TYPICAL)

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

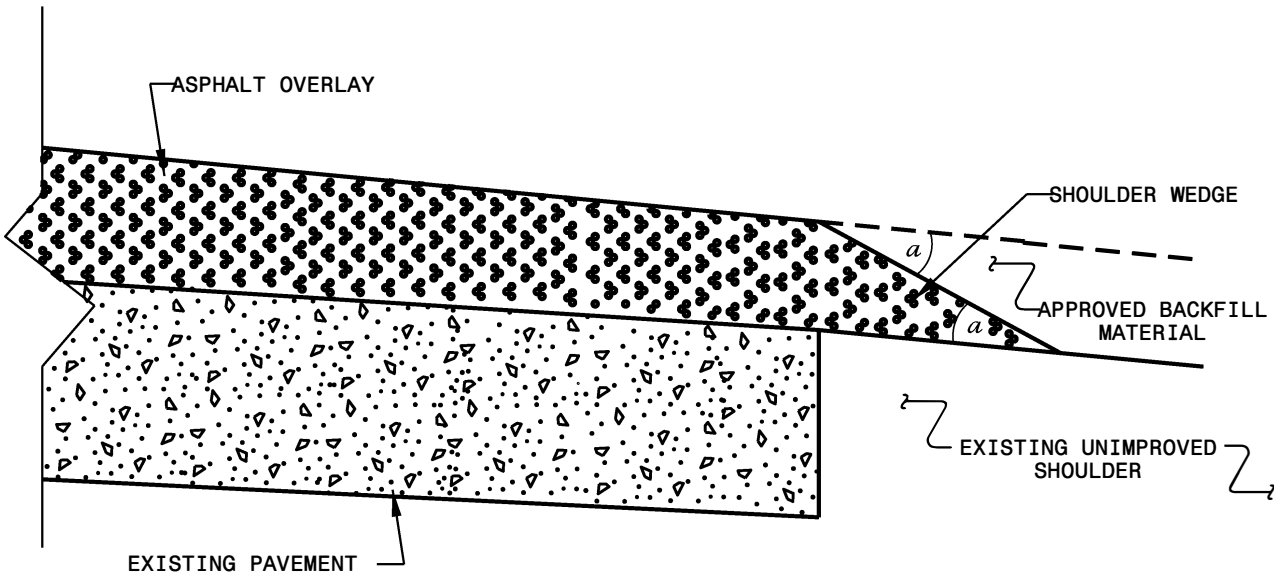
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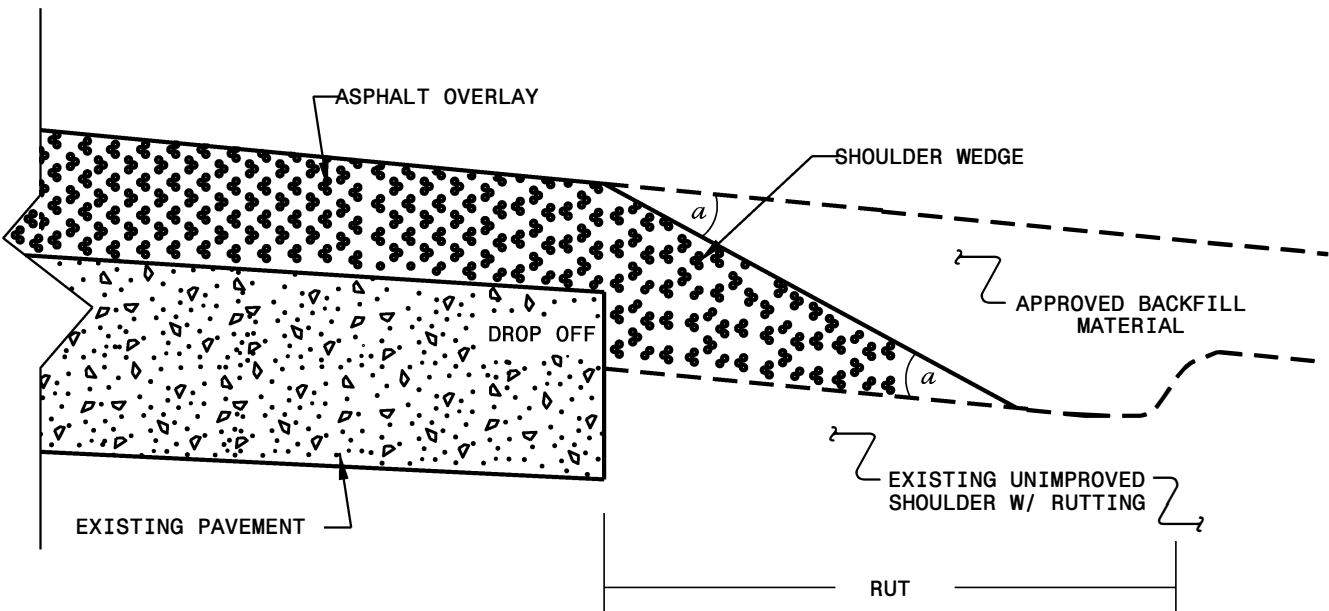


- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFS AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.

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:	<u>T. SPELL</u>	DATE:	<u>7-19-11</u>
MODIFIED BY:		DATE:	<u>2/2/16</u>
CHECKED BY:		DATE:	
FILE SPEC.:	<u>s:\usr\details\stand\shoulderwedgedetail.dgn</u>		

SUMMARY OF QUANTITIES

REVISIONS

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE			1220000000-E	1245000000-E	1260000000-E	1330000000-E	1519000000-E	1575000000-E	1704000000-E	2845000000-N
								LENGTH	WIDTH	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ADJUST METER OR VALVE BOX
										TONS	SMI	TON	SY	TONS	TON	TONS	EA
2025CPT.05.13.20911.1	Vance	1	SR-1111 / WRENN RD	FROM SR 1110 TO GRANVILLE COUNTY	1	2	2WU	0.303	18-20	2	0.10	6	112	203	13	1	
2025CPT.05.13.20911.1	Vance	2	SR-1308 / GLEBE RD/NUTBUSH RD	FROM SR 1306 TO SR 1319	2	2	2WU	7.663	18-22	100	8.00	750	4,445	6,165	413	264	
2025CPT.05.13.20911.1	Vance	3	SR-1311 / HAYWOOD WRIGHT RD	FROM SR 1310 TO NC 39	1	2	2WU	0.789	18-20	20	0.80	75	112	521	34	12	1
2025CPT.05.13.20911.1	Vance	4	SR-1398 / THARRINGTON LN	FROM SR 1399 TO SR 1407	2	2	2WU	0.108	18-22	2	0.06	6		97	6	3	1
2025CPT.05.13.20911.1	Vance	5	SR-1399 / PINECREST RD	FROM SR 1312 TO SR 1407	2	2	2WU	0.269	18-22	5	0.20	20	56	220	14		
2025CPT.05.13.20911.1	Vance	6	SR-1407 / WESLEY DR	FROM SR 1312 TO END MAINT	2	2	2WU	0.177	18-22	5	0.20	20	112	141	9		
2025CPT.05.13.20911.1	Vance	7	SR-1445 / WILLIAMS LN	FROM SR 1329 TO CUL-DE-SAC	1	2	2WU	0.379	18-20	5	0.20	20	50	282	19	5	
2025CPT.05.13.20911.1	Vance	8	SR-1459 / SANDY POINT DR	FROM SR 1363 TO END MAINTENANCE	1	2	2WU	0.281	18-20	2	0.10	6	50	172	12	10	2
2025CPT.05.13.20911.1	Vance	9	SR-1460 / SK PPERS LANDING RD	FROM SR 1459 TO CUL DE SAC	1	2	2WU	0.164	18-20	4	0.16	15		114	7		
2025CPT.05.13.20911.1	Vance	10	SR-1559 / DR FINCH RD	FROM SR 1519 TO END MAINTENANCE	2	2	2WU	0.926	18-22	5	0.20	18	63	711	47	9	
2025CPT.05.13.20911.1	Vance	11	SR-1578 / FOSTER RD EXT	FROM SR 1559 TO END MAINTENANCE	2	2	2WU	0.905	18-22	25	1.00	93	133	739	51	65	
TOTAL FOR PROJ NO. 2025CPT.05.13.20911.1								11.964		175	11.02	1,029	5,133	9,365	625	369	4
GRAND TOTAL								11.964		175	11.02	1,029	5,133	9,365	625	369	4

SUMMARY OF QUANTITIES

										4413000000-E	4457000000-N	4685000000-E		4709000000-E	4720000000-E	
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	24" X 90 M WHITE THERMO	THERMO MSG STOP 90 M	THERMO MSG AHEAD 90 M
								MI	FT			SF	LS	LF	LF	LF
2025CPT.05.13.20911.1	Vance	1	SR-1111 / WRENN RD	FROM SR 1110 TO GRANVILLE COUNTY	1	2	2WU	0.303	18-20	34		3,430	3,430			
2025CPT.05.13.20911.1	Vance	2	SR-1308 / GLEBE RD/NUTBUSH RD	FROM SR 1306 TO SR 1319	2	2	2WU	7.663	18-22	858		87,100	87,160	100	32	20
2025CPT.05.13.20911.1	Vance	3	SR-1311 / HAYWOOD WRIGHT RD	FROM SR 1310 TO NC 39	1	2	2WU	0.789	18-20	88		8,660	8,760			
2025CPT.05.13.20911.1	Vance	4	SR-1398 / THARRINGTON LN	FROM SR 1399 TO SR 1407	2	2	2WU	0.108	18-22	12		1,290	1,120			
2025CPT.05.13.20911.1	Vance	5	SR-1399 / PINECREST RD	FROM SR 1312 TO SR 1407	2	2	2WU	0.269	18-22	30	★	2,970	2,910			
2025CPT.05.13.20911.1	Vance	6	SR-1407 / WESLEY DR	FROM SR 1312 TO END MAINT	2	2	2WU	0.177	18-22	20		1,700	1,930			
2025CPT.05.13.20911.1	Vance	7	SR-1445 / WILLIAMS LN	FROM SR 1329 TO CUL-DE-SAC	1	2	2WU	0.379	18-20	43						
2025CPT.05.13.20911.1	Vance	8	SR-1459 / SANDY POINT DR	FROM SR 1363 TO END MAINTENANCE	1	2	2WU	0.281	18-20	31						
2025CPT.05.13.20911.1	Vance	9	SR-1460 / SKIPPERS LANDING RD	FROM SR 1459 TO CUL DE SAC	1	2	2WU	0.164	18-20	18						
2025CPT.05.13.20911.1	Vance	10	SR-1559 / DR FINCH RD	FROM SR 1519 TO END MAINTENANCE	2	2	2WU	0.926	18-22	104		4,250	4,220			
2025CPT.05.13.20911.1	Vance	11	SR-1578 / FOSTER RD EXT	FROM SR 1559 TO END MAINTENANCE	2	2	2WU	0.905	18-22	102		10,150	10,150			
TOTAL FOR PROJ NO. 2025CPT.05.13.20911.1							11.964		1,340			119,550	119,680	100	32	20
										1	239,230			52		

REVISIONS

8/17/99

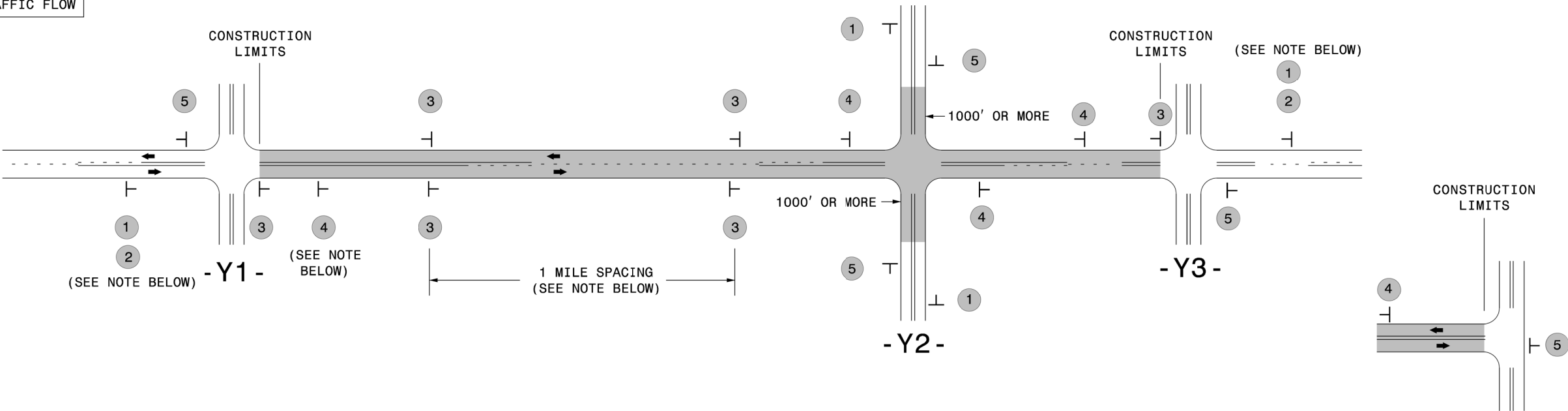
1/15/2025
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SIGNING FOR RESURFACING PROJECTS

LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



TEE INTERSECTION

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2 ROAD WORK AHEAD W20-1 48" X 48" NEXT XX MILES W7-3aP 24" X 18" 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)	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.
	3 LOW/SOFT SHOULDER SP 13107 48" X 48" - 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.	
	4 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.	
	5 END ROAD WORK G2C-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.
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DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL	ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING
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