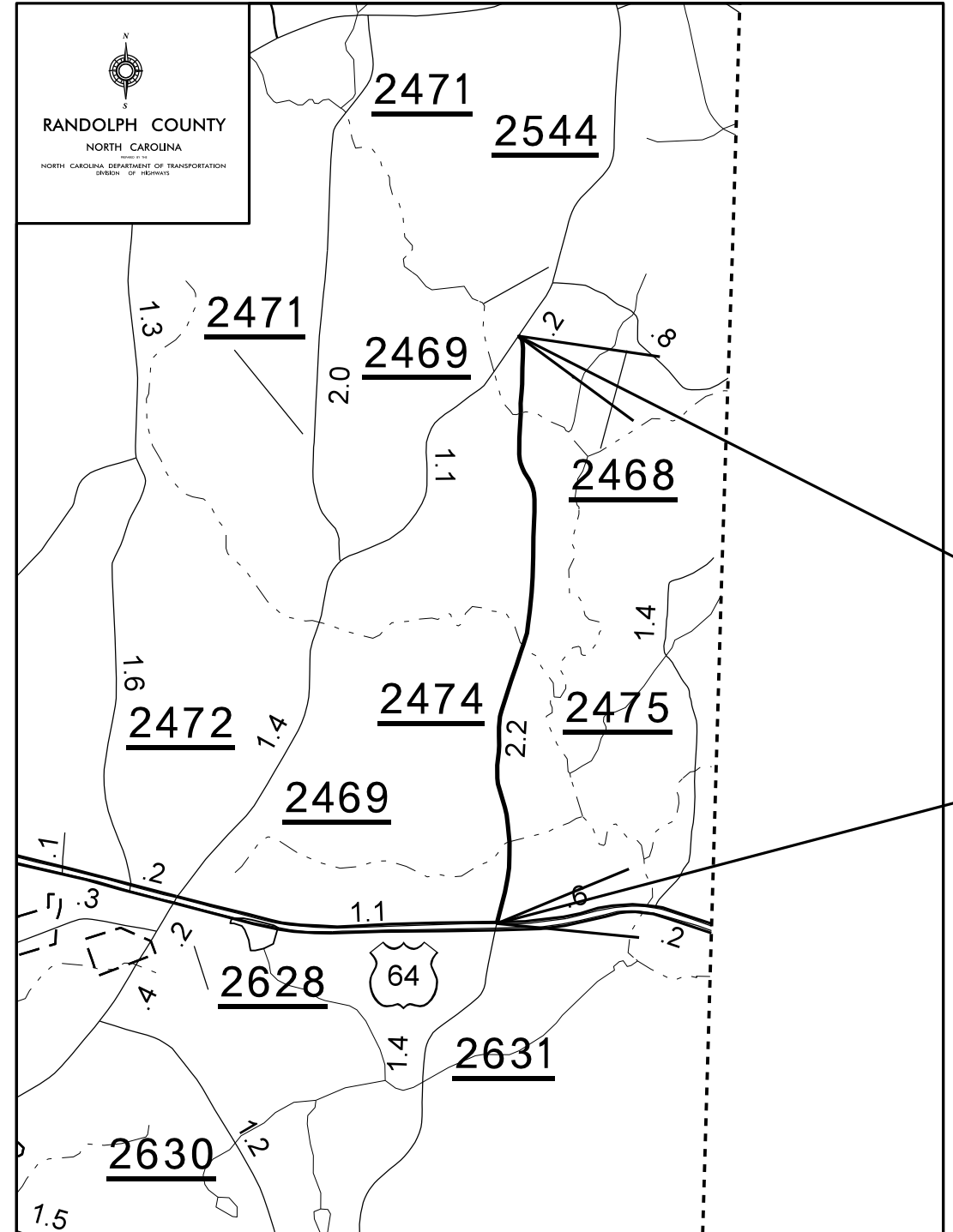


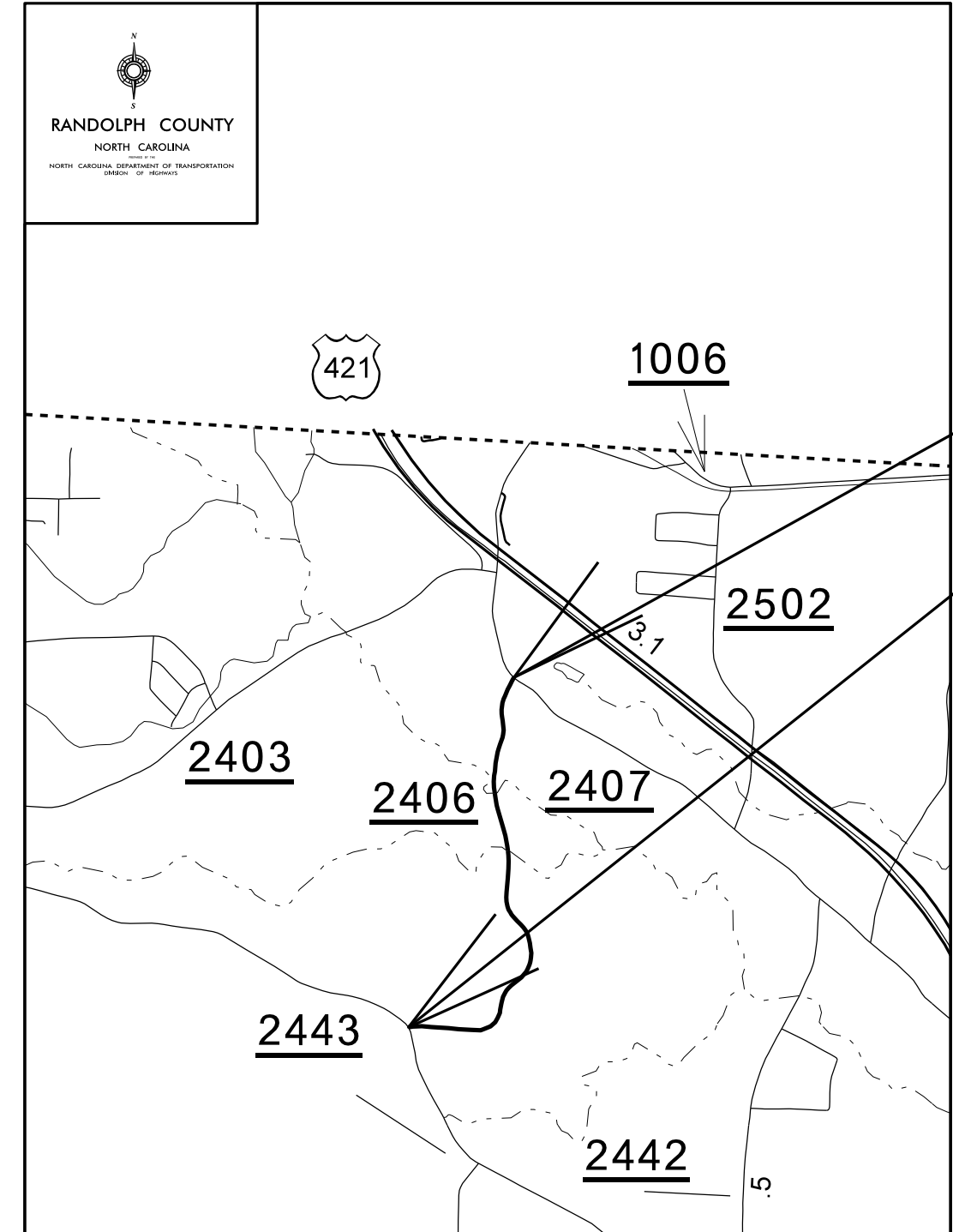
RANDOLPH COUNTY
SECONDARY RESURFACING MAP

040397
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 2022 SEP 5EP 2021 6:18 Randolph_County_Secondary_Resurfacing_Map_2021.dgn

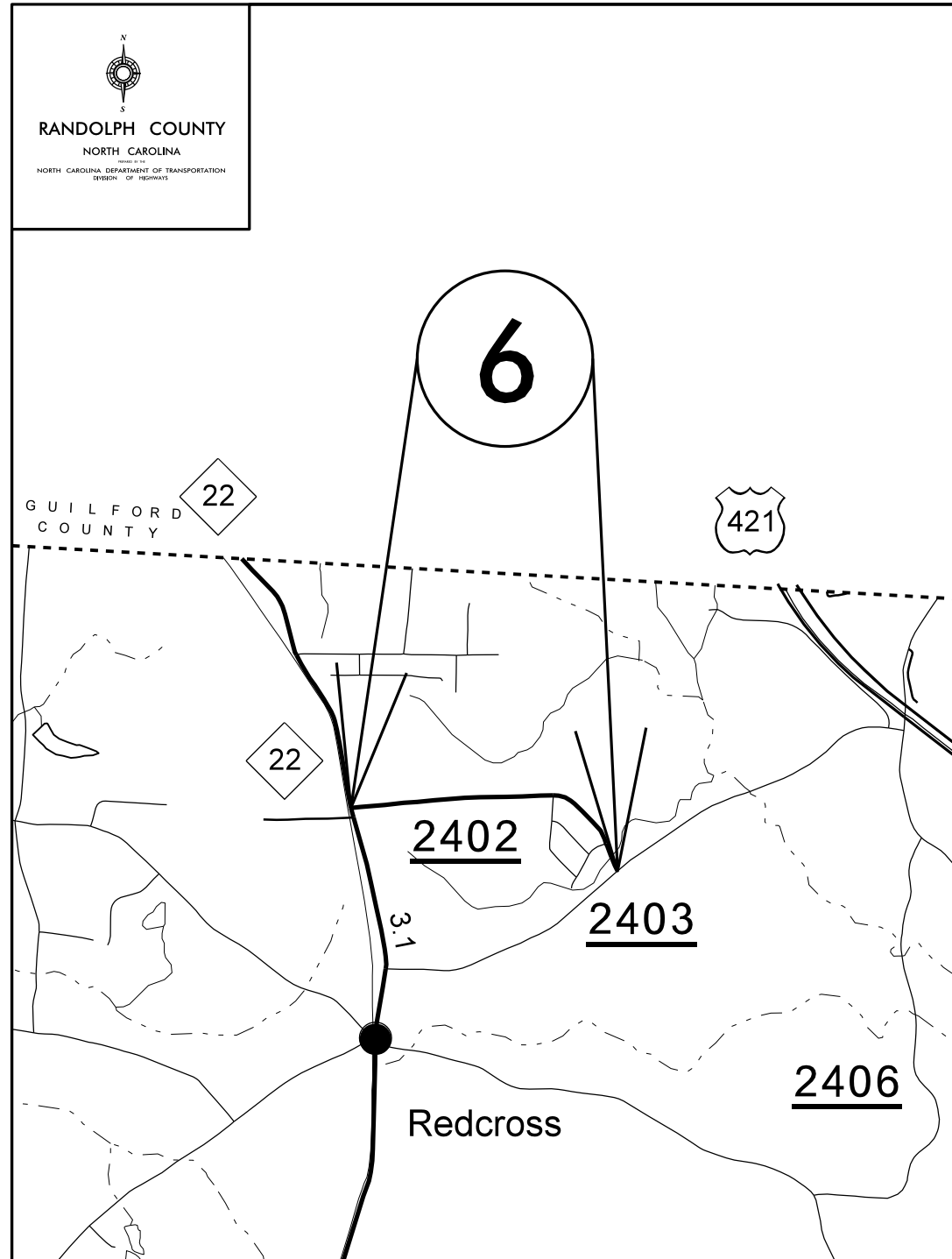
Map 4



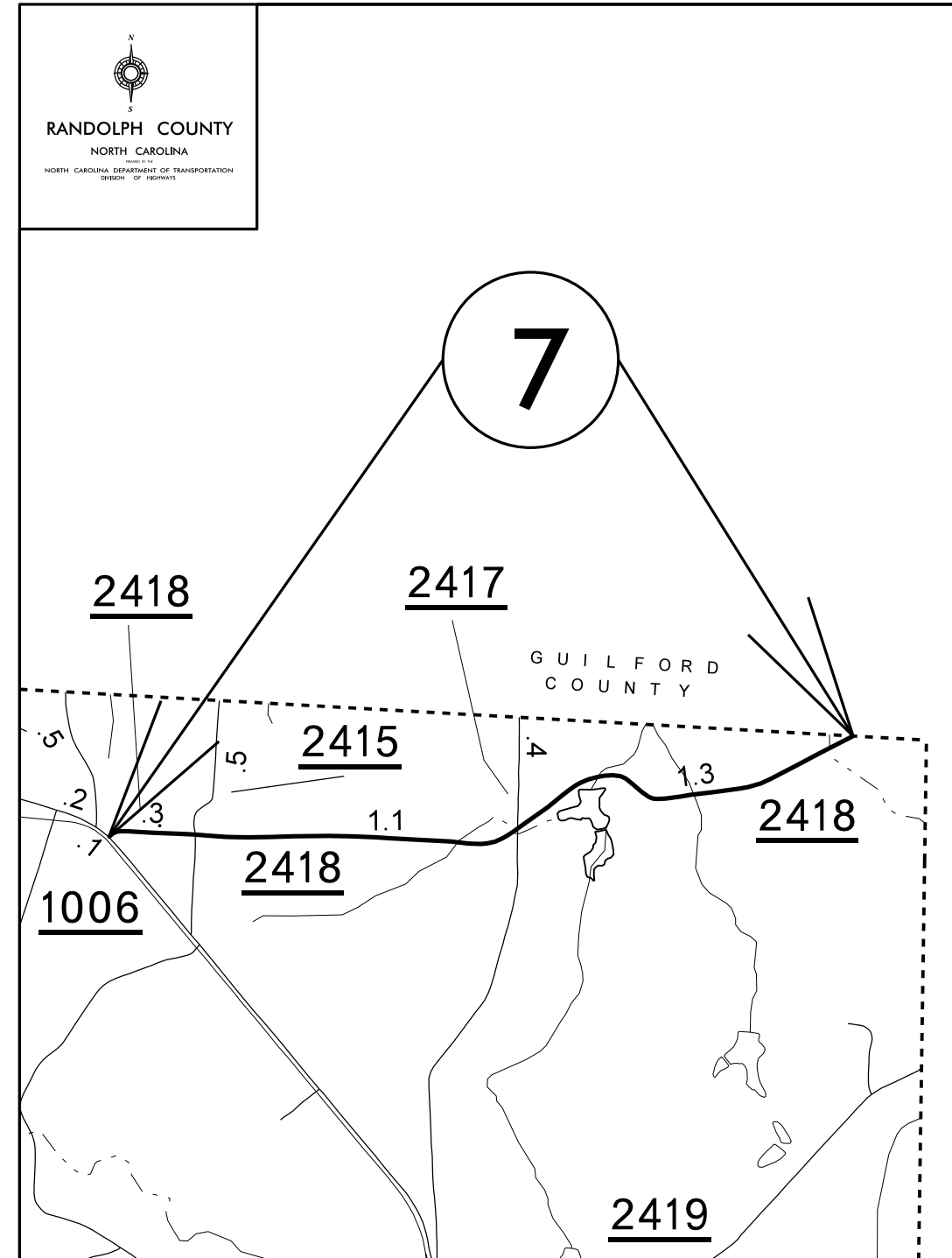
Map 5

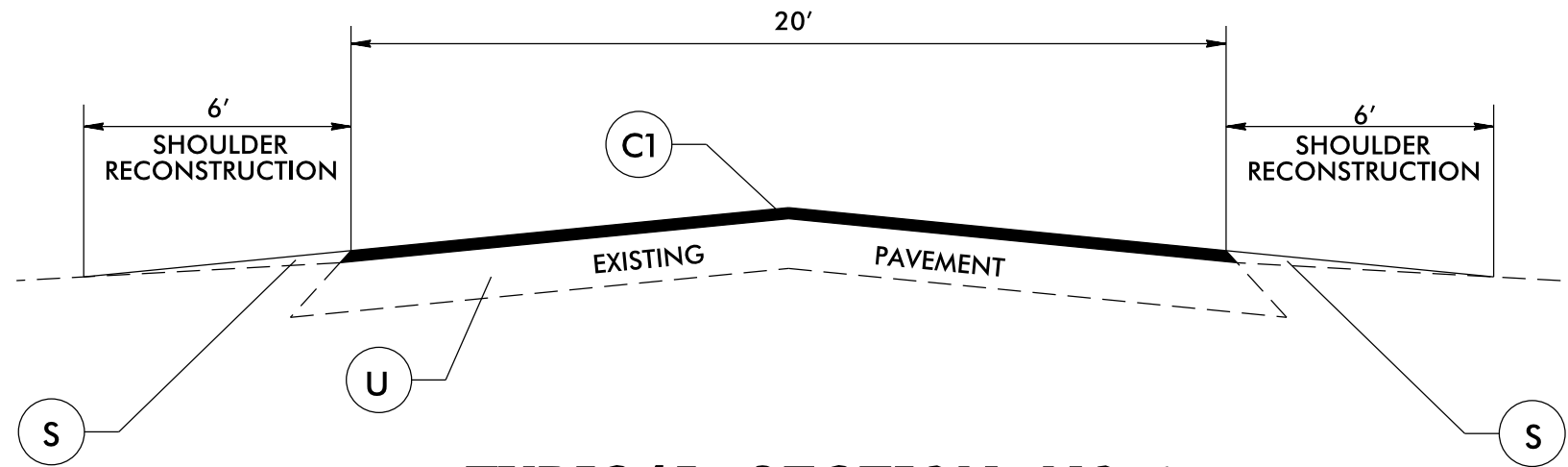


Map 6



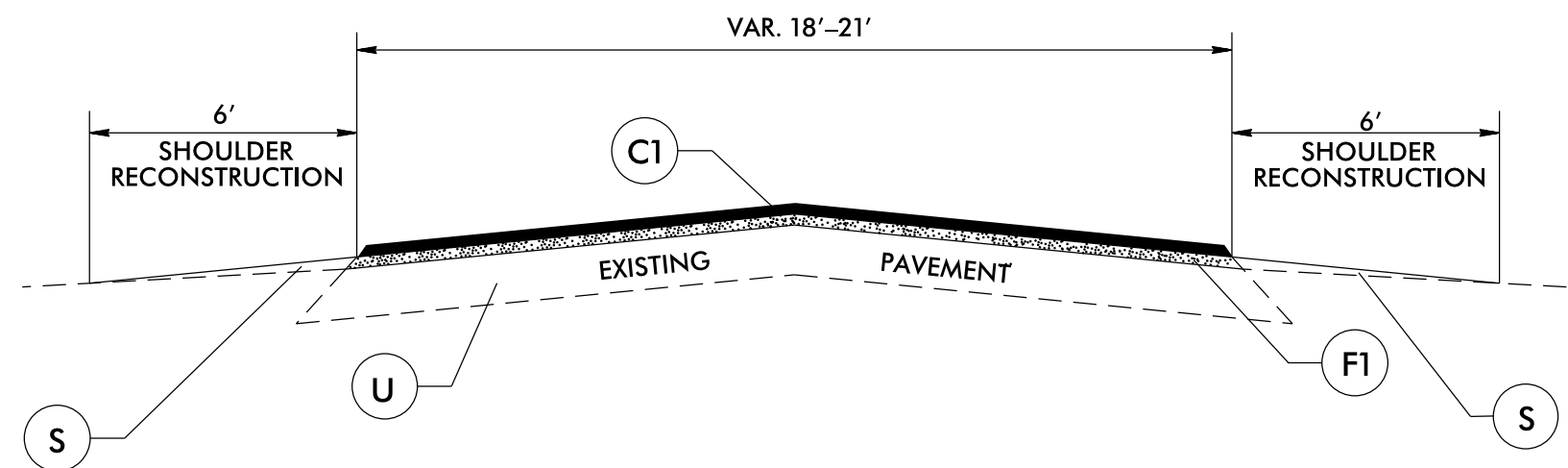
Map 7





TYPICAL SECTION NO. 1

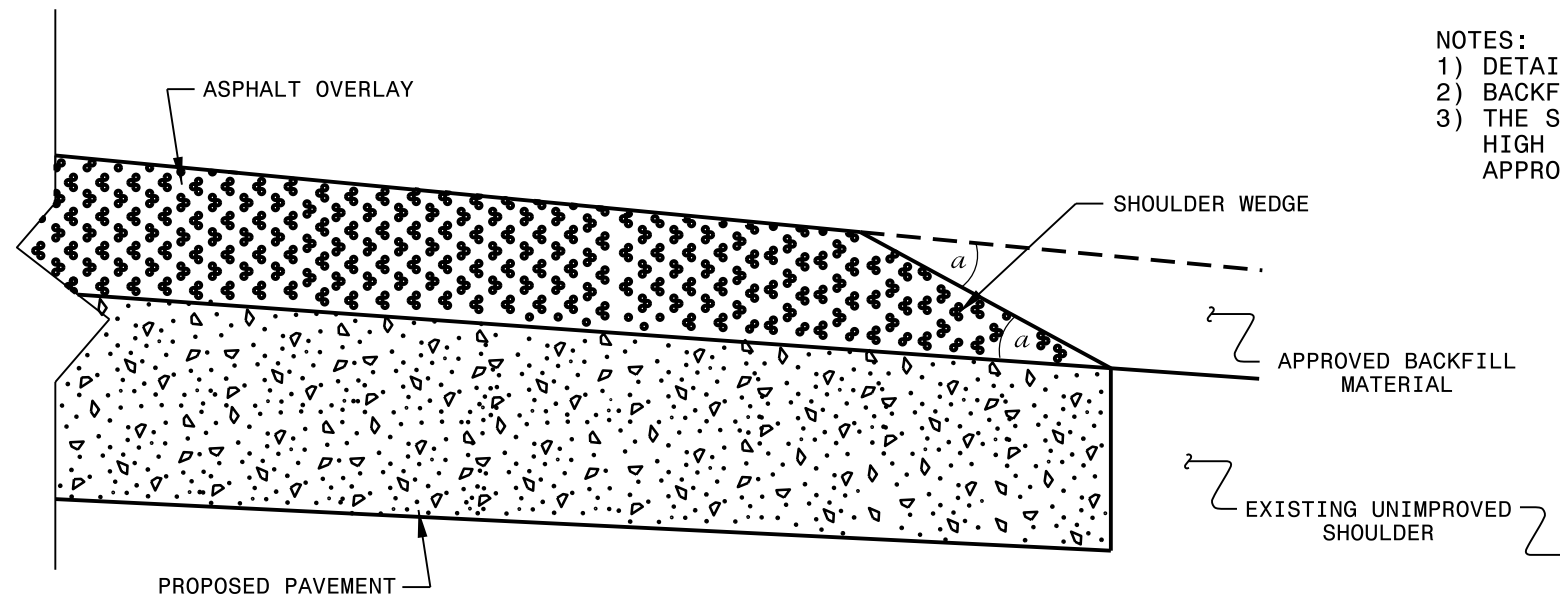
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
F1	PROPOSED ASPHALT SURFACE TREATMENT, MAT COAT WITH #67 STONE
S	AGGREGATE SHOULDER BORROW
U	EXISTING PAVEMENT
V1	MILLING 1.5" IN DEPTH



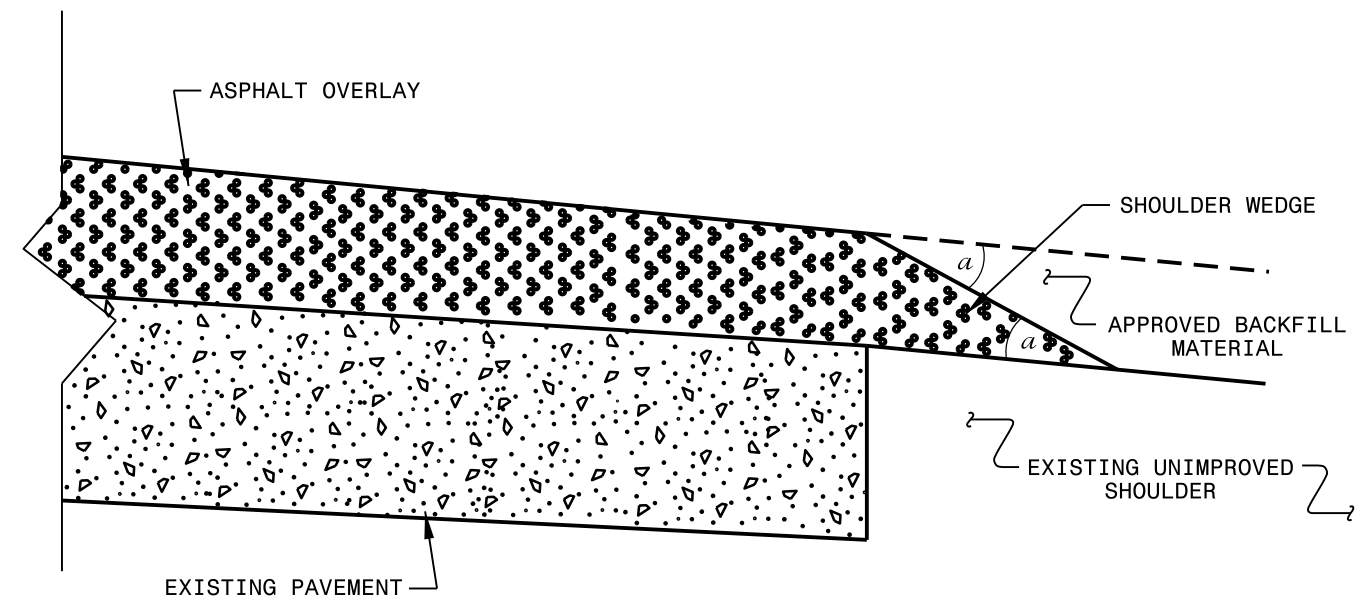
TYPICAL SECTION NO. 2

NOTES:

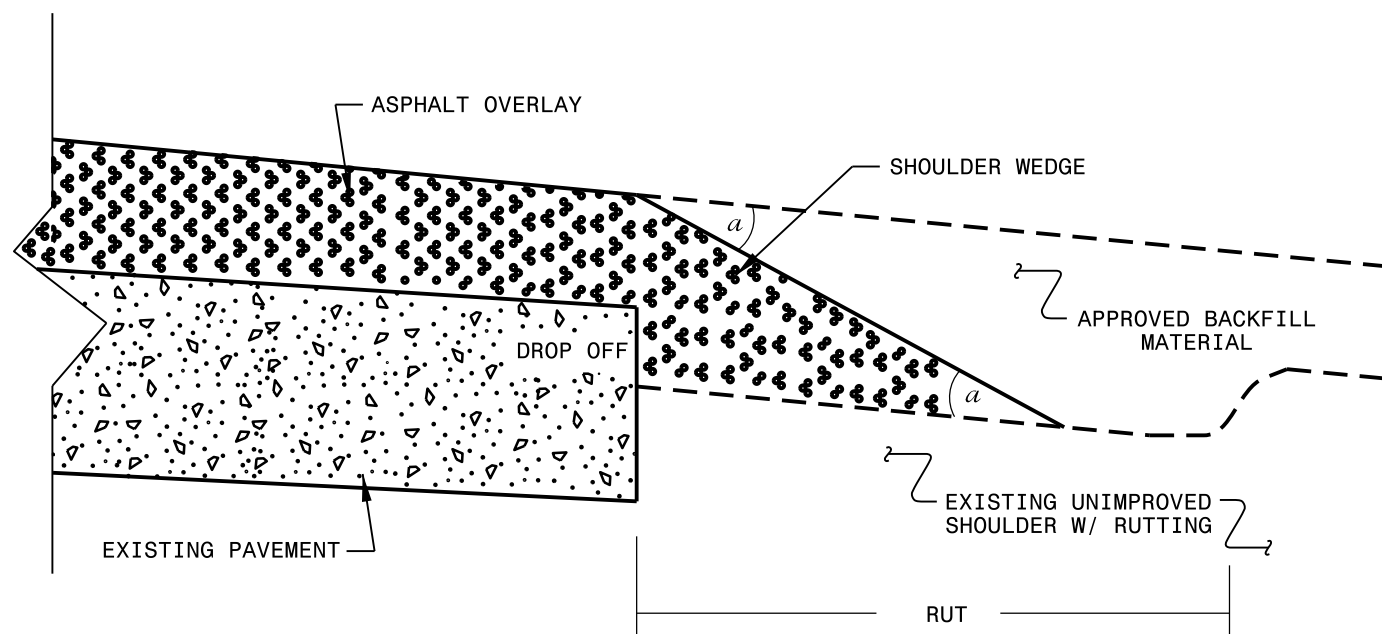
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
- 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
- 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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: T.SPELL	DATE: 7-19-11
MODIFIED BY:	DATE: 2/2/16
CHECKED BY:	DATE:
FILE SPEC.: s:\usr\detatl1s\stand\shoulderwedgedeta11.dgn	

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

\$\$\$\$SYTIME\$\$\$\$
 \$\$\$SERVNAME\$\$\$
 \$\$\$USERNAME\$\$\$

PROJECT NO.	SHEET NO.
2022CPT.08.13.20761	9

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1519000000-E	1575000000-E	1704000000-E	1775000000-E	1838000000-E	1838500000-N	2143000000-E	
												SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	1.5" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, MATCOAT, #67 STONE	EMULSION FOR ASPHALT SURFACE TREATMENT	VACUUM TRUCK	BLOTTING SAND	
											MI	FT	SMI	TON	SY	SY	TONS	TONS	TONS	SY	GAL	WK	TON
2022CPT.08.13.20761	Randolph	1	SR 2470 COLUMBIA ST.	(FROM: SR2469 S. MAIN ST. TO: SR2471 LANGLEY RD.)	1	2	2WU	NO	NO	0.97	20	1.94	272		520	1,120	75	40					
TOTAL FOR MAP NO. 1											0.97		1.94	272		520	1,120	75	40				
2022CPT.08.13.20761	Randolph	2	SR 2470 OLD STALEY RD.	(FROM:SR 2471 LANGLEY RD TO NC 49)	1	2	2WU	NO	NO	1.76	20	3.52	494		1,170	2,073	139	100					
TOTAL FOR MAP NO. 2											1.76		3.52	494		1,170	2,073	139	100				
2022CPT.08.13.20761	Randolph	3	SR 2438 WILLARD RD.	(FROM: NC-49 TO: SR 2439 FOUST RD.)	1	2	2WU	NO	NO	3.52	20	7.04	989		1,300	3,968	266	183					
TOTAL FOR MAP NO. 3											3.52		7.04	989		1,300	3,968	266	183				
2022CPT.08.13.20761	Randolph	4	SR 2474 HICKS FARM RD.	(FROM: SR2469 BROWNS CROSSROADS RD. TO: U.S. HWY 64 E.)	1	2	2WU	NO	NO	2.11	20	4.22	593	218	390	2,314	155	80					
TOTAL FOR MAP NO. 4											2.11		4.22	593	218	390	2,314	155	80				
2022CPT.08.13.20761	Randolph	5	SR 2406 HOLLOW HILL RD.	(FROM: SR2407 SHILOH RD. TO: SR2443 RANDOLPH CHURCH RD.)	1	2	2WU	NO	NO	1.61	20	3.22	452		390	1,775	119	60					
TOTAL FOR MAP NO. 5											1.61		3.22	452		390	1,775	119	60				
2022CPT.08.13.20761	Randolph	6	SR 2402 GREESON COUNTRY RD.	(FROM: NC-22 TO SR 2403 OLD RED CROSS RD.)	1	2	2WU	NO	NO	1.05	20	2.10	295		650	1,228	82	50					
TOTAL FOR MAP NO. 6											1.05		2.10	295		650	1,228	82	50				
2022CPT.08.13.20761	Randolph	7	SR 2418 RICHLAND CHURCH RD.	(FROM: GUILFORD COUNTY LINE TO: SR 1006 OLD 421 RD.)	2	2	2WU	NO	NO	2.71	20	5.42	761		1,040	3,061	205	120	34,978	13,992	2.00	5	
TOTAL FOR MAP NO. 7											2.71		5.42	761		1,040	3,061	205	120	34,978	13,992	2.00	5
2022CPT.08.13.20761	Randolph	8	SR 2895 MOFFITT MILL RD.	(FROM: NC-42 E TO: SR 1003 ERECT RD.)	1	2	2WU	NO	NO	1.32	20	2.64	371		390	1,466	98	200					
TOTAL FOR MAP NO. 8											1.32		2.64	371		390	1,466	98	200				
2022CPT.08.13.20761	Randolph	9	SR 2891 JOEL JESSUP RD.	(FROM:SR 1003 ERECT RD. TO SR 2873 RIVERSIDE RD.)	1	2	2WU	NO	NO	1.95	20	3.90	548		520	2,156	144	100					
TOTAL FOR MAP NO. 9											1.95		3.90	548		520	2,156	144	100				
2022CPT.08.13.20761	Randolph	10	SR 2887 ANTIOCH CHURCH RD.	(FROM: SR 2873 RIVERSIDE RD. TO: SR 2891 JOEL JESSUP RD.)	1,2	2	2WU	NO	NO	3.99	20	7.98	1,121		650	4,348	291	225	46,818	18,728	2.00	5	
TOTAL FOR MAP NO. 10											3.99		7.98	1,121		650	4,348	291	225	46,818	18,728	2.00	5
2022CPT.08.13.20761	Randolph	11	SR 2890 POLLYFIELD RD	(FROM: SR 2887 ANTIOCH CHURCH RD. TO: SR 1003 ERECT RD.)	1	2	2WU	NO	NO	1.32	20	2.64	371		650	1,466	98	150					
TOTAL FOR MAP NO. 11											1.32		2.64	371		650	1,466	98	150				
TOTAL FOR PROJ NO. 2022CPT.08.13.20761											22.31		44.62	6,267	218	7,670	24,975	1,672	1,308	81,796	32,720	4.00	10
GRAND TOTAL											22.31		44.62	6,267	218	7,670	24,975	1,672	1,308	81,796	32,720	4.00	10

PROJECT NO.	SHEET NO.
2022CPT.08.13.20761	10

THERMOPLASTIC AND PAINT QUANTITIES

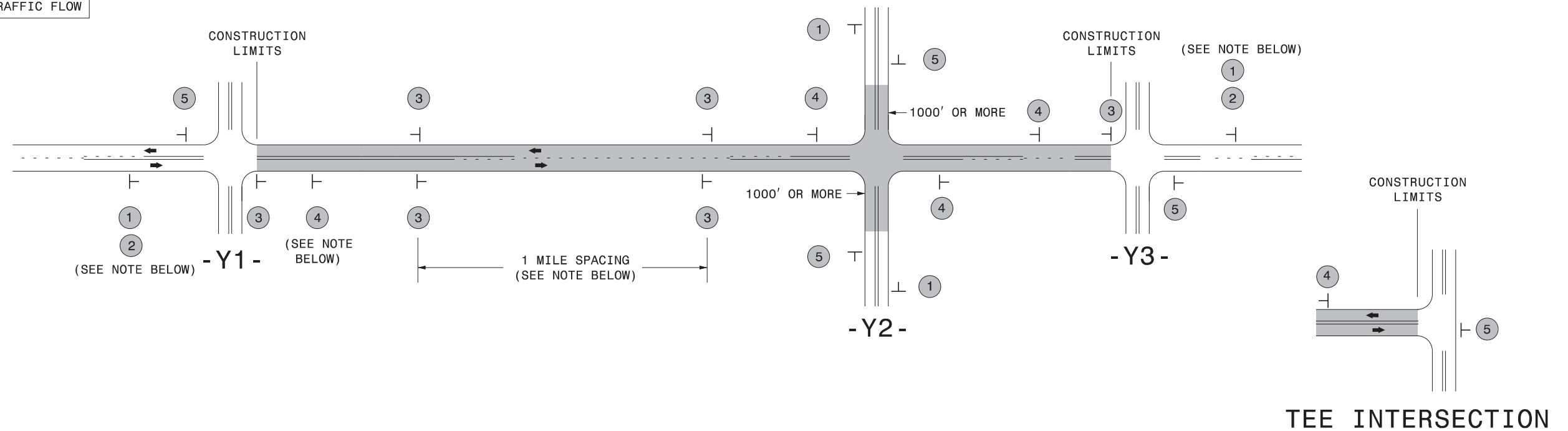
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	4457000000-N TEMPORARY TRAFFIC CONTROL
								MI	FT	SF	LS
2022CPT.08.13.20761	Randolph	1	SR 2470 COLUMBIA ST.	(FROM: SR2469 S. MAIN ST. TO: SR2471 LANGLEY RD.)	1	2	2WU	0.97	20	109	
TOTAL FOR MAP NO. 1								0.97		109	
2022CPT.08.13.20761	Randolph	2	SR 2470 OLD STALEY RD.	(FROM:SR 2471 LANGLEY RD TO NC 49)	1	2	2WU	1.76	20	198	
TOTAL FOR MAP NO. 2								1.76		198	
2022CPT.08.13.20761	Randolph	3	SR 2438 WILLARD RD.	(FROM: NC-49 TO: SR 2439 FOUST RD.)	1	2	2WU	3.52	20	395	
TOTAL FOR MAP NO. 3								3.52		395	*
2022CPT.08.13.20761	Randolph	4	SR 2474 HICKS FARM RD.	(FROM: SR2469 BROWNS CROSSROADS RD. TO: U.S. HWY 64 E.)	1	2	2WU	2.11	20	237	
TOTAL FOR MAP NO. 4								2.11		237	
2022CPT.08.13.20761	Randolph	5	SR 2406 HOLLOW HILL RD.	(FROM: SR2407 SHILOH RD. TO: SR2443 RANDOLPH CHURCH RD.)	1	2	2WU	1.61	20	181	
TOTAL FOR MAP NO. 5								1.61		181	
2022CPT.08.13.20761	Randolph	6	SR 2402 GREESON COUNTRY RD.	(FROM: NC-22 TO SR 2403 OLD RED CROSS RD.)	1	2	2WU	1.05	20	118	
TOTAL FOR MAP NO. 6								1.05		118	
2022CPT.08.13.20761	Randolph	7	SR 2418 RICHLAND CHURCH RD.	(FROM: GUILFORD COUNTY LINE TO: SR 1006 OLD 421 RD.)	2	2	2WU	2.71	20	304	
TOTAL FOR MAP NO. 7								2.71		304	
2022CPT.08.13.20761	Randolph	8	SR 2895 MOFFITT MILL RD.	(FROM: NC-42 E TO: SR 1003 ERECT RD.)	1	2	2WU	1.32	20	148	
TOTAL FOR MAP NO. 8								1.32		148	
2022CPT.08.13.20761	Randolph	9	SR 2891 JOEL JESSUP RD.	(FROM:SR 1003 ERECT RD. TO SR 2873 RIVERSIDE RD.)	1	2	2WU	1.95	20	219	
TOTAL FOR MAP NO. 9								1.95		219	
2022CPT.08.13.20761	Randolph	10	SR 2887 ANTIOCH CHURCH RD.	(FROM: SR 2873 RIVERSIDE RD. TO: SR 2891 JOEL JESSUP RD.)	1,2	2	2WU	3.99	20	447	
TOTAL FOR MAP NO. 10								3.99		447	
2022CPT.08.13.20761	Randolph	11	SR 2890 POLLYFIELD RD	(FROM: SR 2887 ANTIOCH CHURCH RD. TO: SR 1003 ERECT RD.)	1	2	2WU	1.32	20	148	
TOTAL FOR MAP NO. 11								1.32		148	
TOTAL FOR PROJ NO. 2022CPT.08.13.20761								22.31		2,504	1
GRAND TOTAL								22.31		2,504	1

SIGNING FOR RESURFACING PROJECTS

LEGEND

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	<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, PORTABLE ADVANCE WARNING 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;"> W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	2		#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)	
	3		<ul style="list-style-type: none"> - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER. 	
	4		<ul style="list-style-type: none"> - 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		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.



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