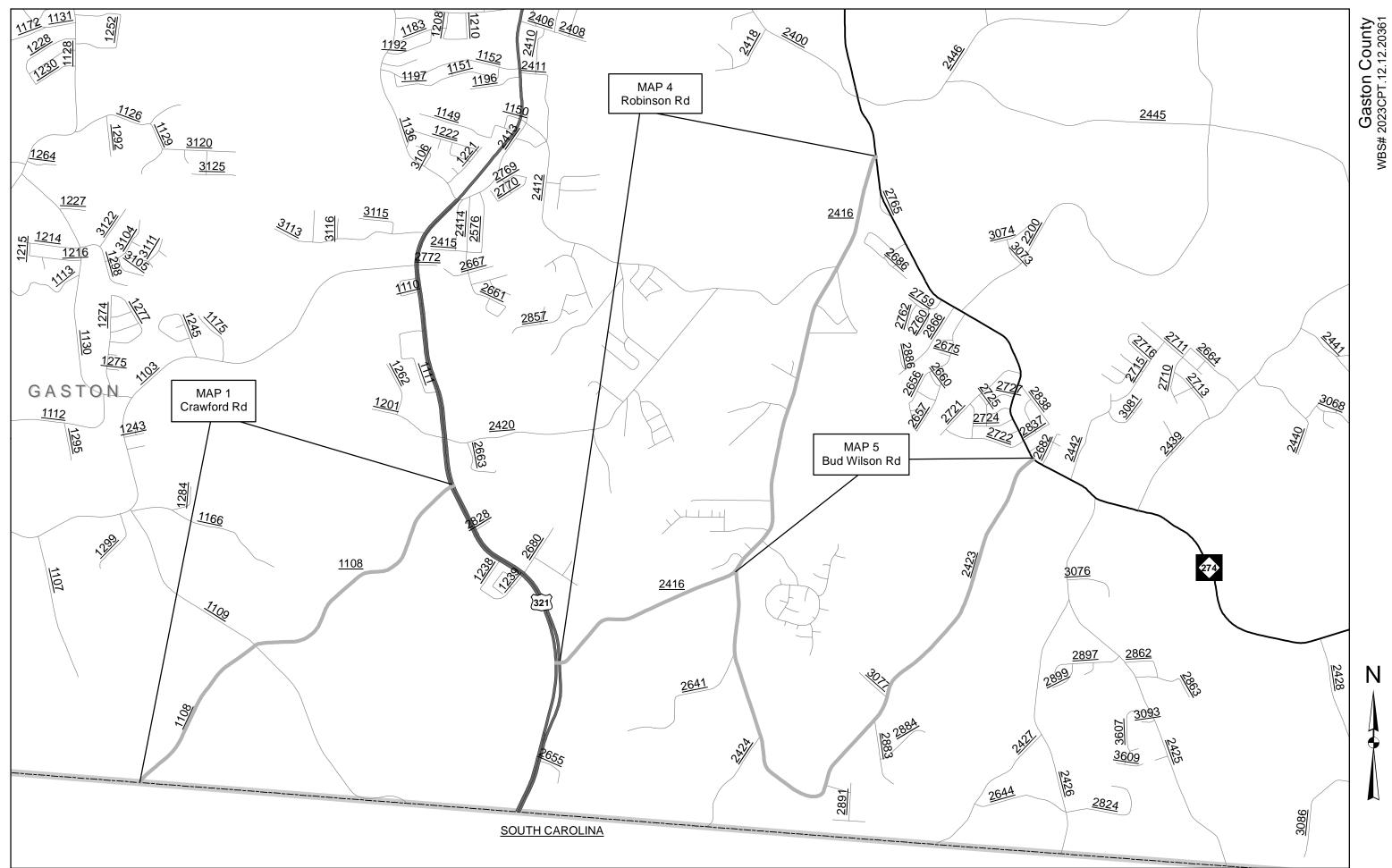
1

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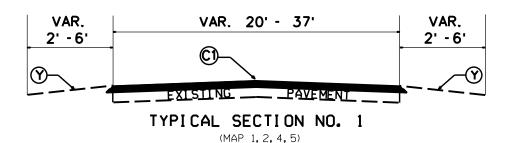
	PAVEMENT SCHEDULE
C1	PROP. APPROX. 1½° ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SO. YD.
V1	MILL ASPHALT PAVEMENT APPROX.1-1/2" AS DIRECTED BY ENGINEER
Y	SHOULDER RECONSTRUCTION
Ζ	INCIDENTAL MILLING AS DIRECTED BY THE ENGINEER.

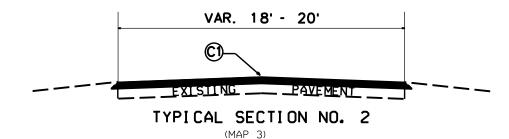
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

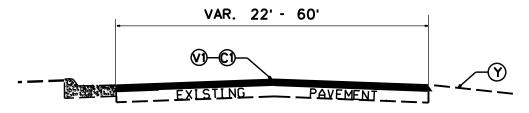
MILL BRIDGE APPROACHES & RXR APPROACHES 100' TO PROVIDE A SMOOTH TRANSITION AS DIRECTED.

MILL INTO GUTTER LINE WHERE SHOWN AND AS DIRECTED.

MAINTAIN PROPER CROWN FOR DRAINAGE OF THE ROAD SURFACE.





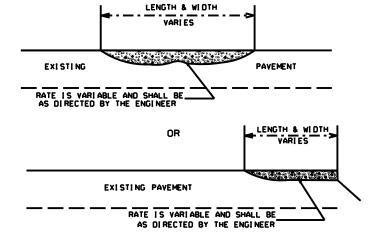


TYPICAL SECTION NO. 3 (MAP 2, 4)

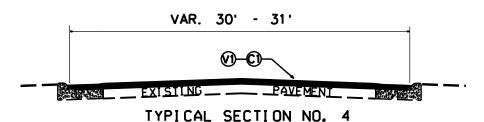
-EXISTING ASPHALTIC PAVEMENT LENGTH & WIDTH VARIES EXISTING BASE VARIES - EXISTING SUBGRADE MATERIAL MILL EXISTING ASPHALT PAVEMENT AND REMOVE

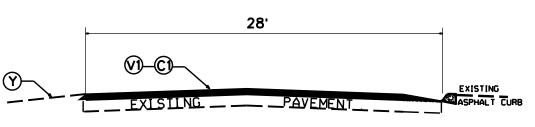
EXISTING LOOSE BASE AND/OR SUBGRADE MATERIAL AND REPLACE WITH ACBC OR ACSC AS DIRECTED BY THE ENGINEER

PATCHING EXISTING PAVEMENT



ASPHALT CONCRETE SURFACE COURSE TYPE S9.5C (LEVELING COURSE)



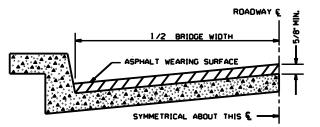


(MAP 2)

TYPICAL SECTION NO. 5

(MAP 2)

PROJ. REFERENCE NO		SH	ÆET	NO.	TOTAL	SHEETS
GASTON COUNTY 2023-2	024		4			9
STATE PROJ. NO.	F.	A. P	ЮJ.	NO.	DESCR	I PTI ON
2023CPT. 12. 12. 20361						
					1	



BRIDGE HALF TYPICAL SECTION

FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN.

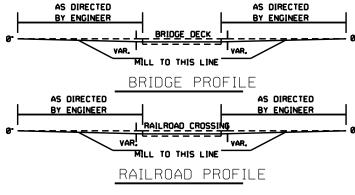
THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. A THICKNESS OF NOT LESS THAN 5/8" SHALL BE PROVIDED. THE MAXIMUM THICKNESS SHALL PREFERABLY BE 1-1/2" UNLESS IT IS IMPRACTICAL TO PROVIDE A SMOOTH RIDING SURFACE OTHERWISE.

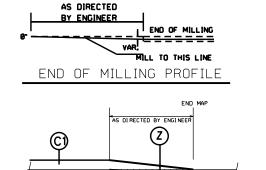
NOTES

ALL UNPAYED S.R. ROADS TO BE SURFACED 50° FROM EDGE OF PAYEMENT OF MAIN PROJECT. ALL PAYED 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. SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE NOTED. BRIDGES TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS

DIRECTED BY THE ENGINEER.

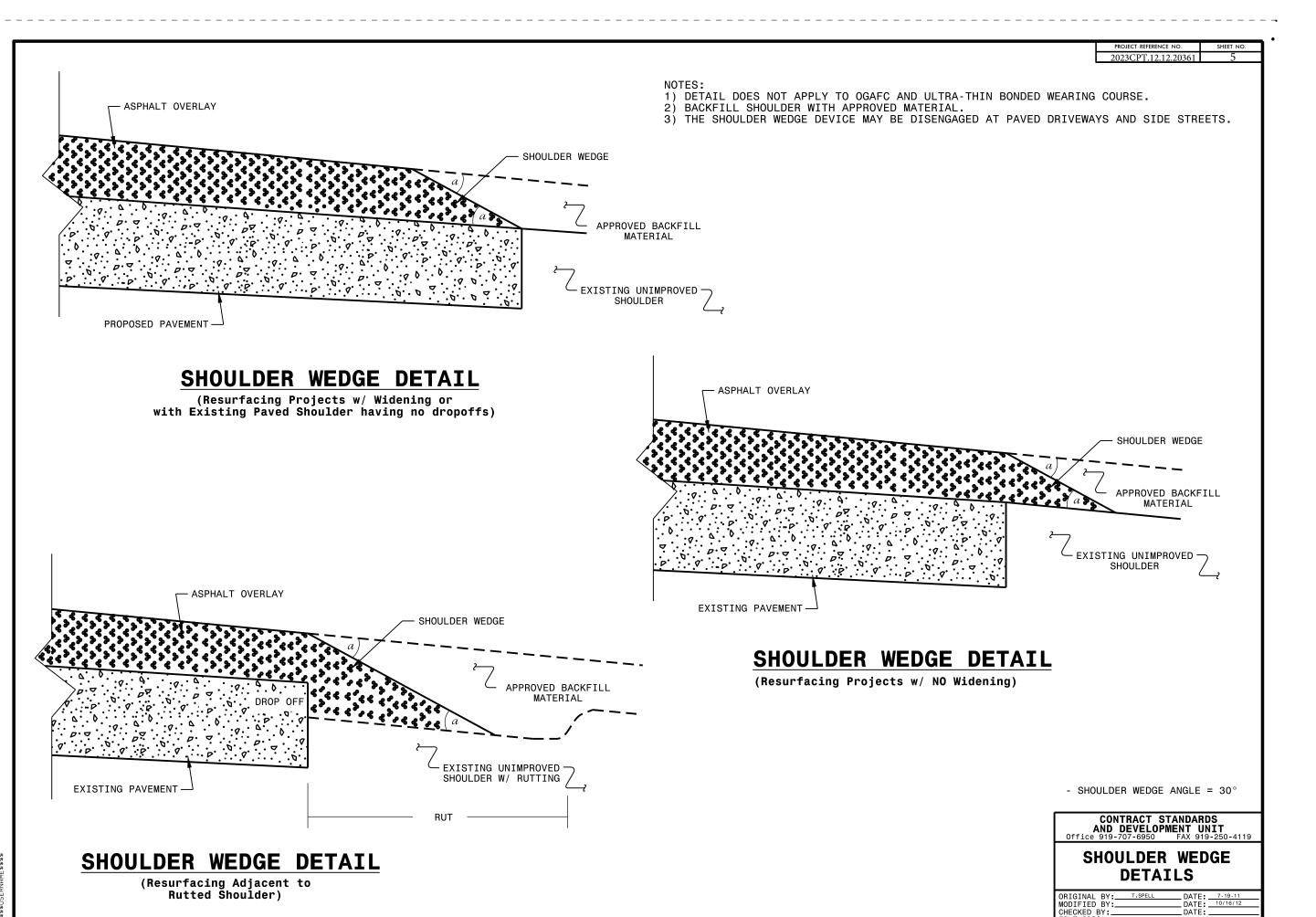
INCIDENTAL MILLING DETAILS

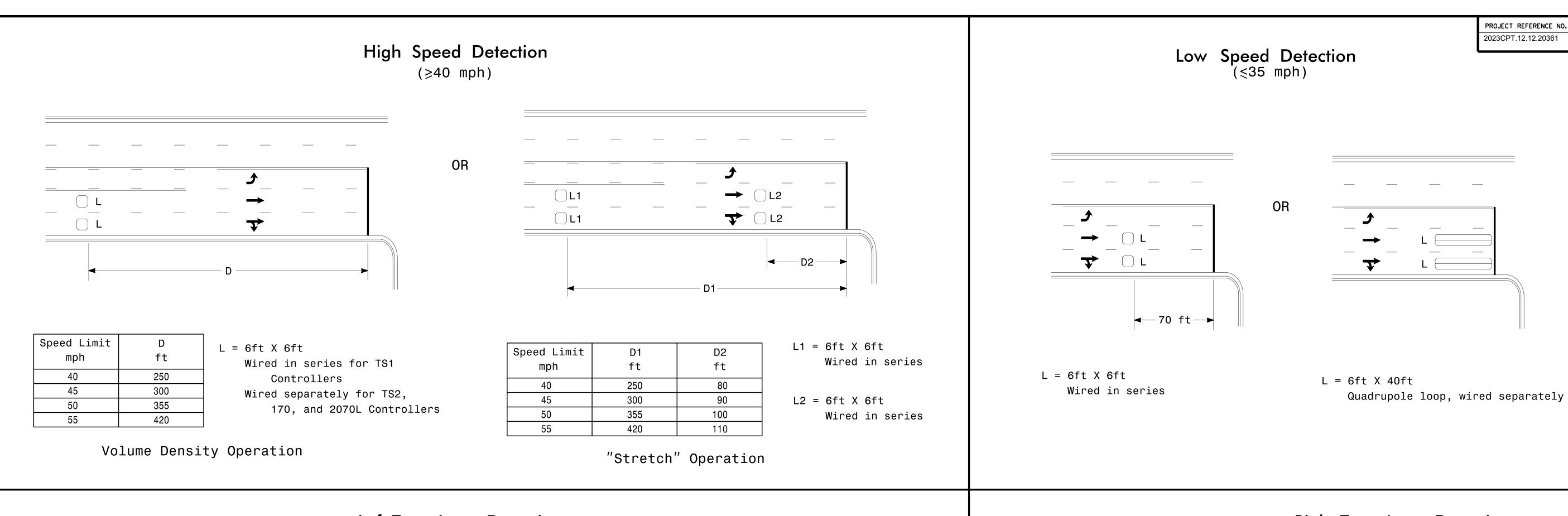


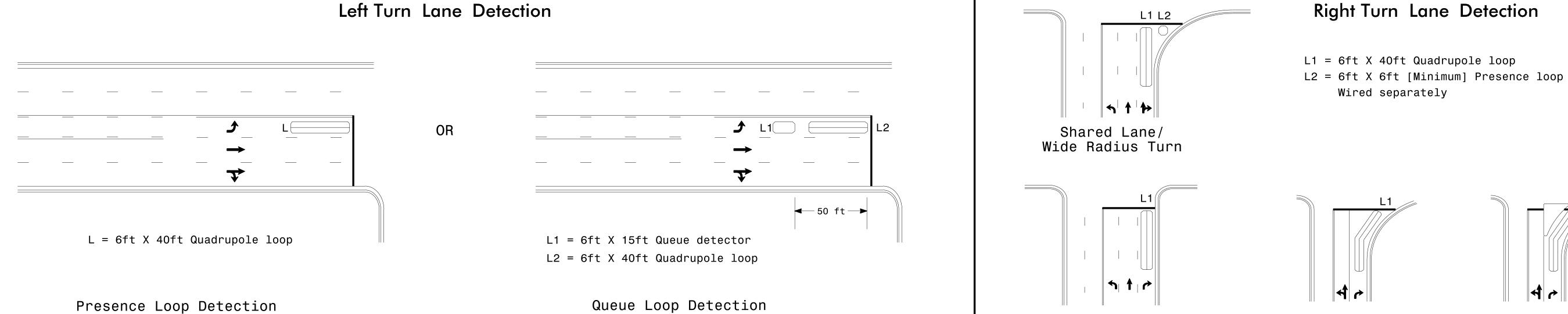


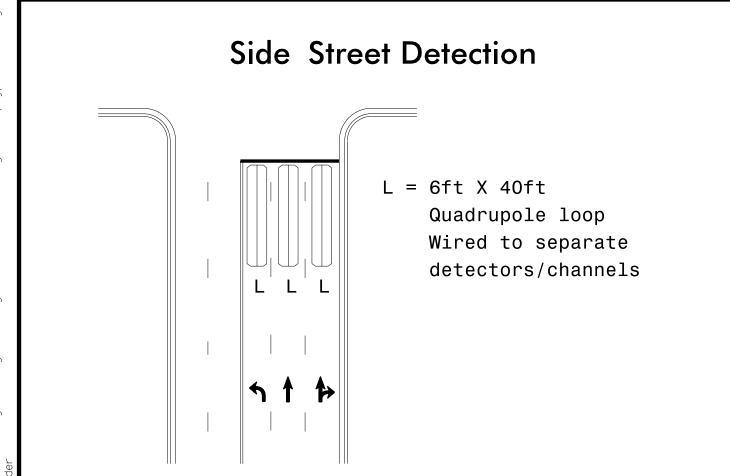
EXISTING PAVEMENT

TIE-IN MILLING DETAIL

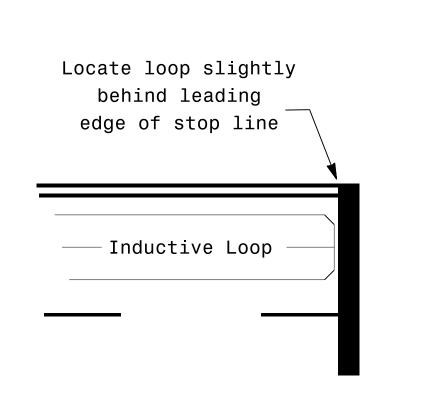












Note:

Loop may be located in advance of stop line under any of the following conditions:

- 1) stop line is greater than 15' from edge of intersecting roadway
- 2) loop detects a permissive or protected/permissive left turn
- 3) for an exclusive right turn lane

Recommended Number of Turns

Single 6' X 6' loop (when wired separately):

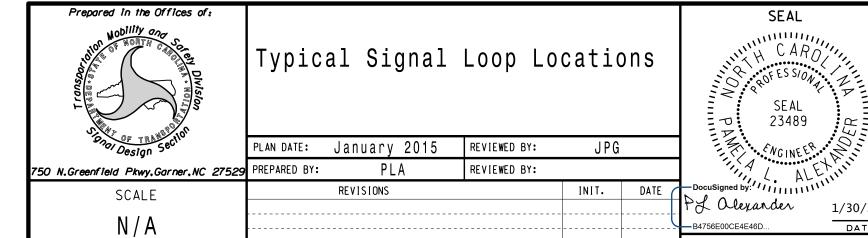
IICII WII CU	separacely):
Length of Lead-in ft	Number of Turns
< 250	3
250-375	4
375-525	5
> 525	6

Standard Turn

Quadrupole loops: Use 2-4-2 turns 6' X 15' Loops:

Wide Radius Turn

	0 X 10 200poi
,	Lead-in < 150', use 2 turns
าร	Lead-in > 150', use 3 turns



PROJECT REFERENCE NO. 2023CPT.12.12.20361

Channelized Turn

SIG. INVENTORY NO.

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.12.12.20361	7	9

SUMMARY OF QUANTITIES

												0255000000-E	122000000-E	1245000000-E	1297000000-E	1330000000-E	1523000000-E	1524000000-E	1575000000-E	1704000000-E	2815000000-N	2830000000-N	2845000000-N	7324000000-N	7444000000-E	7456000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE	FINAL	WARM MIX	LENGTH	H WIDTH	AGGREGATE	INCIDENTAL	SHOULDER	1½" MILLING	INCIDENTAL	SURFACE	LEVELING	ASPHALT	PATCHING	ADJ. OF DROP	ADJ. OF	ADJ. OF METER	JUNCTION BOX	INDUCTIVE	LEAD-IN CABLE
							TYPE S	SURFACE	ASPHALT			SHOULDER	STONE BASE	RECONSTRUCTI		MILLING	COURSE, S9.5C	COURSE, S9.5C	BINDER FOR	EXISTING	INLET	MANHOLES	OR VALVE BOX	(STANDARD	LOOP SAWCUT	(14-2)
							-	TESTING	REQUIRED			BORROW		ON					PLANT MIX	PAVEMENT				SIZE)	1 '	
							R	EQUIRED																	1	
										MI	FT	TON	TONS	SMI	SY	SY	TONS	TONS	TONS	TONS	EA	EA	EA	EA	LF	LF
2023CPT.12.12.2036	1 Gaston	1	SR-1108 (CRAWFORD RD.)	US-321 TO S.C. STATE LINE	1	2	2WU	NO	NO	2.53	VAR. 20-22	886	152	5.06		912	2,938	437	227	465					1	
					1					0.44	VAR. 24-26														1	
	Gaston	,	SR-1307 (ALABAMA AVE.)	SR-1302 TO GEORGIA AVE.	3	2	2WU	NO	NO	0.23	VAR. 22-27	210	15	1.20	10,755	333	1,509	cc	108	272	2	14	-		1 '	
	Gaston		SR-1307 (ALABAINA AVE.)	SR-1302 TO GEORGIA AVE.	4	2	2000	NO	NO	0.27	VAR. 30-31	210	15	1.20	10,755	333	1,509	00	108	2/2	2	14	٥		1 '	
2023CPT.12.12.2036	1				5					0.09	28														1	
2023CPT.12.12.2036	1 Gaston	3	SR-1417 (SELLERSTOWN RD)	NC-274 TO CLEVELAND CO. LINE	2	2	2WU	NO	NO	1.5	VAR. 18-20		90			67	1,528	70	103	140					1	
	Coston	4	SR-2416 (ROBINSON RD.)	NC-274 TO US 321	1	2	2WU	NO	NO	3.54	VAR. 22-37	1.222	210	7.00	1.100	728	5,315	425	382	744			2	1	400	150
2023CPT.12.12.2036	1 Gaston	4	SR-2416 (ROBINSON RD.)	NC-274 10 03 321	3	2	2000	NU	NO	0.05	VAR. 37-60	1,222	210	7.08	1,100	728	5,315	425	302	744			3	1	400	150
2023CPT.12.12.2036	1 Gaston	5	SR-2423 (BUD WILSON / SPARROW DAIRY RD.)	NC-274 TO SR-2416	1	2	2WU	NO	NO	3.71	20	1,299	223	7.42		294	4,047	610	310	567					1	
	TOTAL	FOR PROJ I	NO. 2023CPT.12.12.20361							12.36		3,617	690	20.76	11,855	2,334	15,337	1,608	1,130	2,188	2	14	8	1	400	150
		GR/	AND TOTAL							12.36		3,617	690	20.76	11,855	2,334	15,337	1,608	1,130	2,188	2	14	8	1	400	150

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.12.12.20361	8	9

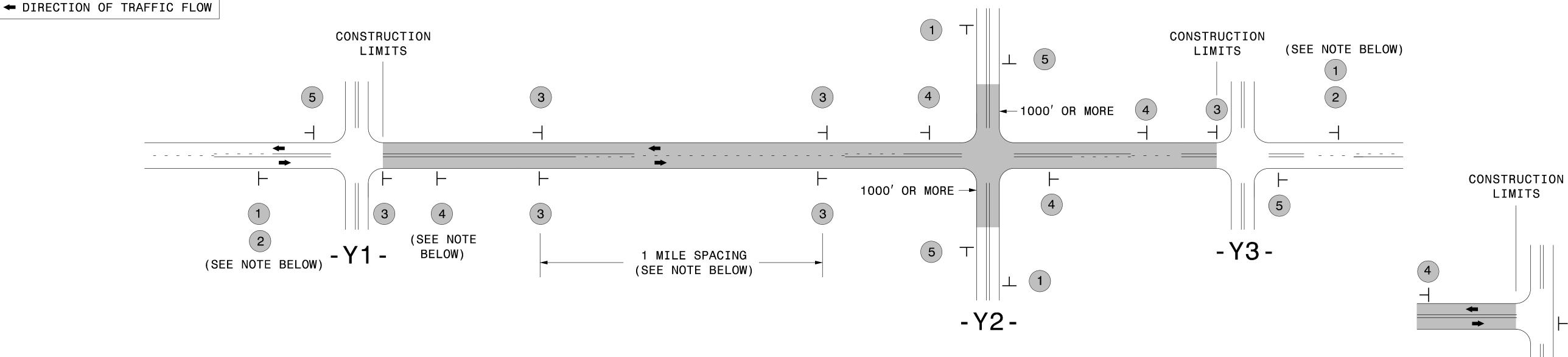
THERMOPLASTIC AND PAINT QUANTITIES

										4413000000-E	4457000000-N	4510000000-N	46850	00000-E	4695000000-E	4709000000-E	472500	0000-E	48100	00000-E	4835000000-E	4845000000-N	4892000000-N	4905000000
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE ADV/GEN	TEMPORARY TRAFFIC	LAW ENFORCEMEN	4" X 90 M WHITE	4" X 90M YELLOW	8" X 90 M WHITE	24" X 90 M WHITE	THERMO RT ARROW 90	THERMO LT ARROW 90	4" WHITE PAINT	4" YELLOW PAINT	24" WHITE PAINT	PAINT LT ARROW	THERMO 24"X36" YIELD	
										WARNING SIGNS	CONTROL	Т	THERMO	THERMO	THERMO	THERMO	М	М					90 M	MARKERS
							i	MI	FT	SF	LS	HR	LF	LF	LF	LF	EA	EA	LF	LF	LF	EA	EA	EA
2023CPT.12.12.20361	Gaston	1	SR-1108 (CRAWFORD RD.)	US-321 TO S.C. STATE LINE	1	2	2WU	2.53	VAR. 20-22	244		25				25			54,235	54,235				
	Gaston	2	SR-1307 (ALABAMA AVE.)	SR-1302 TO GEORGIA AVE.	1 3 4	2	2WU	0.44 0.23 0.27	VAR. 24-26 VAR. 22-27 VAR. 30-31	164		25	6,336	10,877	160	12								70
2023CPT.12.12.20361					5			0.09	28															↓
2023CPT.12.12.20361	Gaston	3	SR-1417 (SELLERSTOWN RD)	NC-274 TO CLEVELAND CO. LINE	2	2	2WU	1.5	VAR. 18-20	116									32,280	19,800				<u> </u>
2023CPT.12.12.20361	Gaston	4	SR-2416 (ROBINSON RD.)	NC-274 TO US 321	1 3	2	2WU	3.54 0.05	VAR. 22-37 VAR. 37-60	324		40	38,629	33,694		55	4	3			55	7		231
2023CPT.12.12.20361	Gaston	5	SR-2423 (BUD WILSON / SPARROW DAIRY RD.)	NC-274 TO SR-2416	1	2	2WU	3.71	20	180		15				20			79,531	79,531			3	
	TOTAL F	FOR PROJ N	O. 2023CPT.12.12.20361					12.36		1,028	1	105	44,965 89	44,571 536	160	112	4	3	166,046	153,566 9,612	55	7	3	301

PROJ. REFERENCE NO. 2023CPT.12.12.20361

SIGNING FOR RESURFACING PROJECTS

LEGEND ├─ STATIONARY SIGN



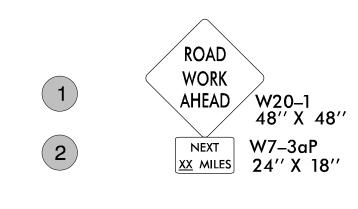
TEE INTERSECTION

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

NOI ZO Ш \triangleleft \Box SH NO ER **5** IGNIN

SO

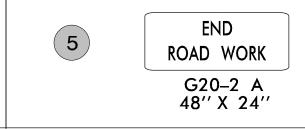


PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.

ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)



- 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.
- **ROAD** UNDER
- 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.



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.

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

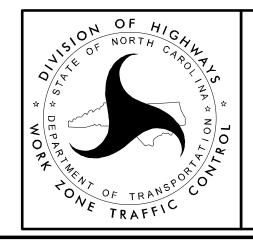
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



PLACED 500' IN ADVANCE OF FLAGGER.



PLACED 250' IN ADVANCE OF FLAGGER.



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