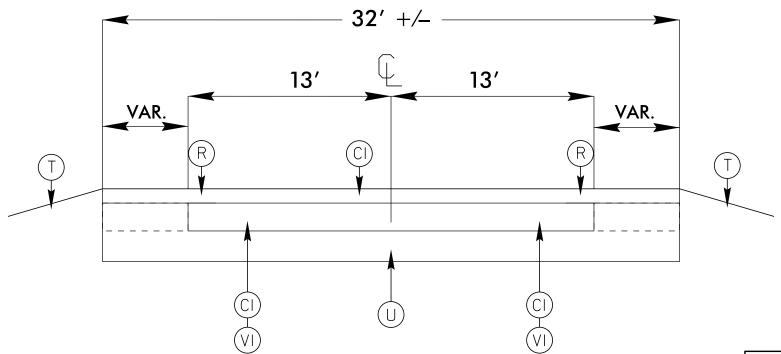
	CHEROKEE COUNTY	PROJECT REFERENCE NO. SHEET NO. 2021CPT.14.12.10201 1 STATE PROJECT F.A. PROJECT NO. DESCRIPTION 2021CPT.14.12.10201 CONSTRUCTION
F: N/A	SR-1336 SR-1339 SR-1342	
PROJECT:	SR-1346 SR-1346 SR-1346	MAP 1
TIP 1		
	SR-1653 SR-1653 SR-1653	BEG END
	SK-13.5 St. 1.33.5 St.	MAP 2
	\$\signature{\sin	
	SR-1687 SR-1687 SR-1542 SR-1542 SR-1542 Cherokee C	BEG END

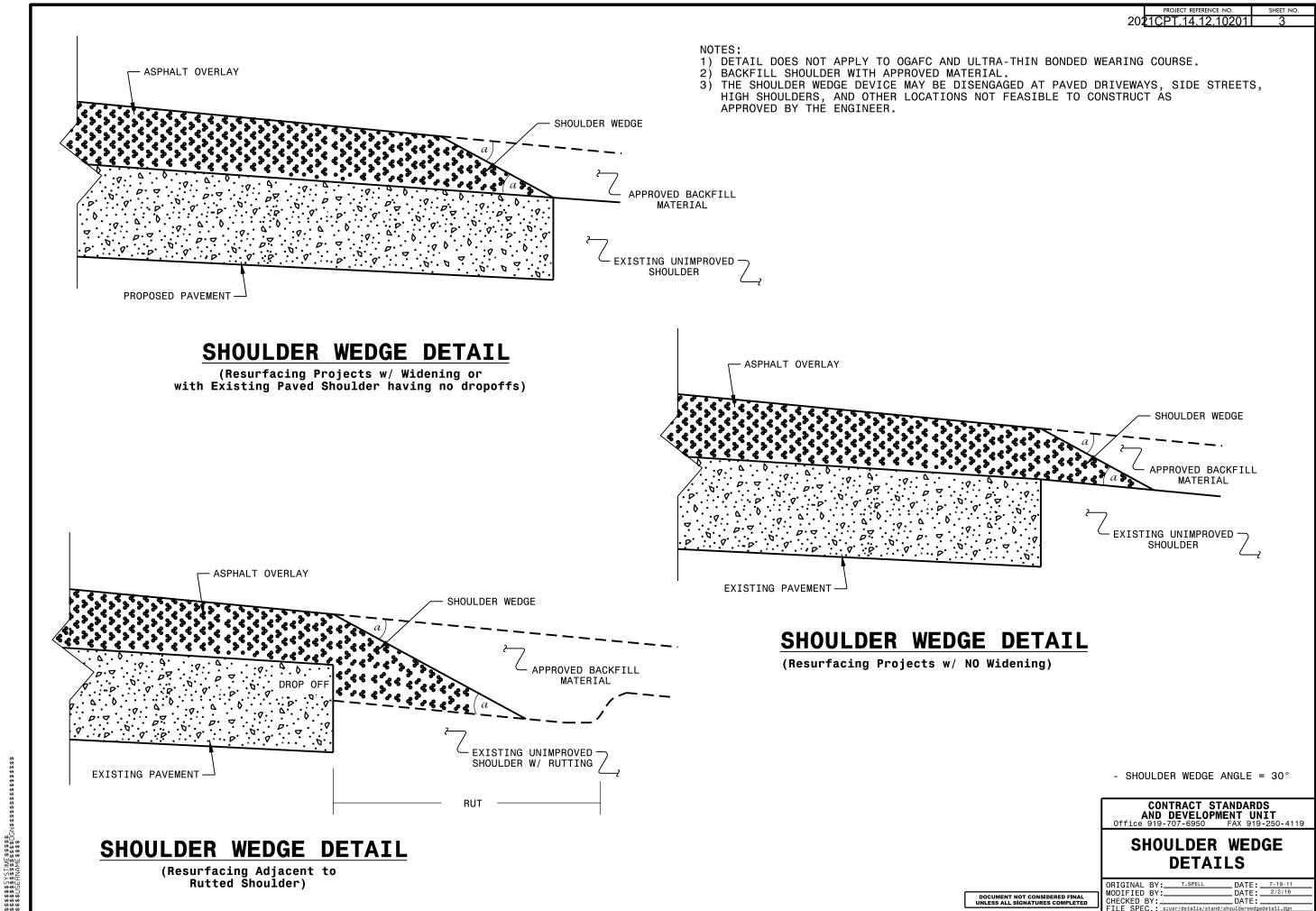
PROJECT REF	SHEET NO.						
2021CPT.14	2						
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION					
2021CPT.14.12.10201		CONSTRUCTION					

TYPICAL 1



SURFACING SCHEDULE

ITEM NO.	DESCRIPTION
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
Т	SHOULDER RECONSTRUCTION
U	EXISTING ASPHALT
R	MILLED RUMBLE STRIPS
V1	MILLED ASPHALT PAVEMENT 1 1/2" IN DEPTH IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER.



(Resurfacing Adjacent to Rutted Shoulder)

ORIGINAL BY:_ MODIFIED BY:_ CHECKED BY:_ FILE SPEC::s DATE: 7-19-11 DATE: 2/2/16 DATE: DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO.	SHEET NO.
2021CPT.14.12.10201	4

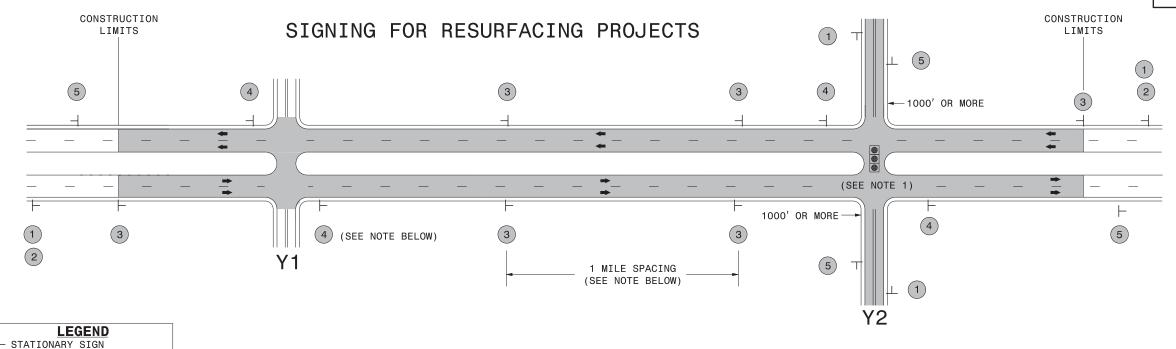
SUMMARY OF QUANTITIES

		MAP	ROUTE	DESCRIPTI	TYP	LA	LANE	FINAL	WARM	LENGTH	WIDTH	SHOULDER	1½"	SURFACE	ASPHALT	MILLED	PULL	INDUC-	LEAD-IN	ASPHALT PLUG
		NO		ON	NO	NE	TYPE	SUR-	MIX AS-			RECONSTRU	MILLING	COURSE,	BINDER	RUMBLE	вох	TIVE	CABLE	JOINT REPAIR/
ا						S		FACE	PHALT			CTION		S9.5C	FOR	STRIPS		LOOP	(14-2)	REPLACEMENT
Ž	ב∣							TEST-	REQUIR						PLANT	(ASPHALT				(18" TO 24" W/
								ING	ED						MIX	CEMENT				PLATE)
PROJECT NO	COUNTY							REQUI								CONCRETE)				
1								RED								std.dwg				
																665.01				
										MI	FT	SMI	SY	TONS	TONS	LF	EA	LF	LF	LF
				FROM																
				BRIDGE																
)20			US	#69 TO US																
2.10	o l		19/74	9/74 19B/ SR-																
2021CPT.14.12.10201	Cherokee	1	WEST	1556	1	2	MD	YES	NO	8.1	32	16.2	123,552	52,594	3,156	71,808	5	3,205	3,205	830
1.1	Jer			FROM US																
G.	כ			19B/ SR-																
021			US 1556 TO																	
7			19/74	BRIDGE																
		2	EAST	#68	1	2	MD	YES	NO	8.1	32	16.2	123,552	27,786	1,667	71,808		3,516	3,516	830
		<u>'</u>																		
		GRANI	D TOTAL	FOR PROJ N	NO. 2	021C	PT.14.	12.1020)1	16.2		32.4	247,104	80,380	4,823	143,616	5	6,721	6,721	1,660

THERMOPLASTIC AND PAINT QUANTITIES

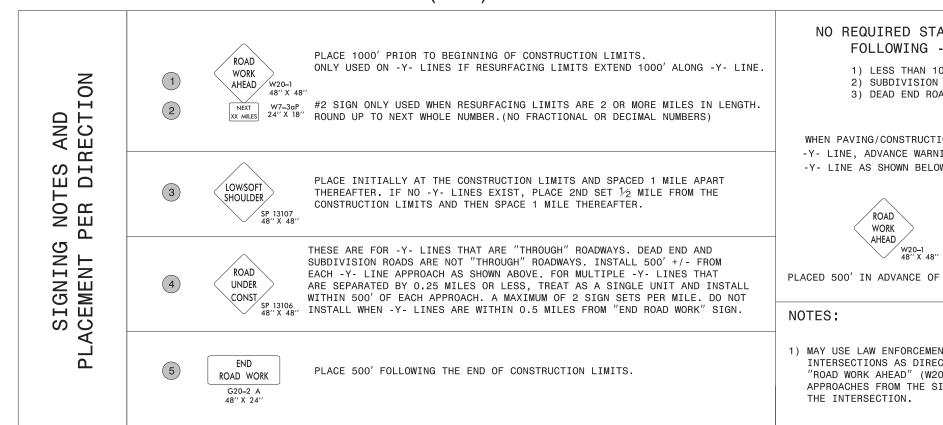
	44130000 445700 4695000000-E 471000000 4725000000-E								4726110000-Е	481000	0000-Е	489000	0000-Е	4892000000-N										
	MAP	ROUTE	DESCRIPTI	TYP	LA	LANE	LENGT	WIDTH	WZ ADV/	TEMP.	8" X 90 M	8" X 90 M	24" X 90	THERMO	THERMO	THERMO	THERMO	THERMO	HEATED-IN-	4" WHITE	4"	4" X 50	4" X 50	NON-CAST
	NO		ON	NO	NE	TYPE	Н		GEN.	TRAFFI	WHITE	YELLOW	M WHITE	LT	STR ARROW	RT	STR & LT	STR & RT	PLACE THERMO	PAINT	YELLOW	MIL	MIL	IRON SNOW-
틸탈					S				WARN.	C CON-	THERMO	THERMO	THERMO	ARROW	90 M	ARROW	ARROW	ARROW	PM SYMBOL		PAINT	YELLOW	WHITE	PLOWABLE
									SIGNING	TROL				90 M		90 M	90 M	90 M	^24"YIELD LINE			THERMO	THERMO	PAVEMENT
PROJECT NO COUNTY																								MARKERS
							MI	FT	SF	LS	LF	LF	LF	EA	EA	EA	EA	EA	EA	LF	LF	LF	LF	EA
			FROM																					
			BRIDGE																					
)20		US	#69 TO US																					
2.10 e		19/74	19B/ SR-																					
4.12 oke	1	WEST	1556	1	2	MD	8.1	32	705	*	1,430	20	660	42	19	22	1		5	53,238	42,768	42,768	53,622	550
CPT.14.12.10201 Cherokee			FROM US																					
			19B/ SR-																					
2021CP		US	1556 TO																					
2		19/74	BRIDGE																					
	2	EAST	#68	1	2	MD	8.1	32	705		652	440	715	37	17	13		2		53,238	42,768	42,768	53,622	550
		-	_						-	-				_	-			-				-		
	GRA	AND TOT	AL FOR PRO	ол го).		16.2		1,410	1	2,082	460	1,375	79	36	35	1	2	5	106,476	85,536	85,536	107,244	1,100
2021CPT.14.12.10201										2,54	12		153						192,	012	192	,780		

PROJ. REFERENCE NO. SHEET NO. 2021CPT.14.12.10201 TMP-1



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING



NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

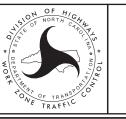
- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

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



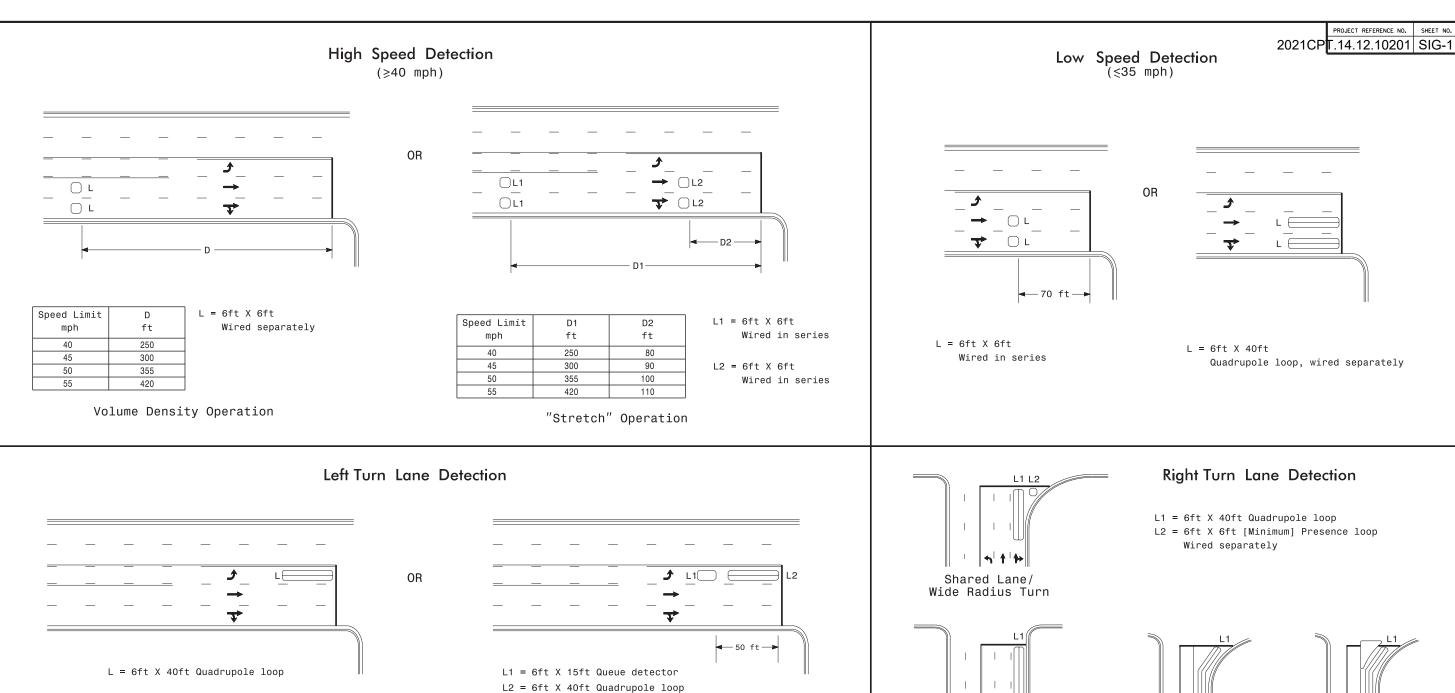
PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.

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



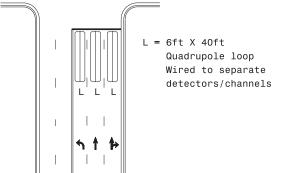
RESURFACING ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN MULTI-LANE ROADWAYS W/ SHOULDER SECTIONS

← DIRECTION OF TRAFFIC FLOW



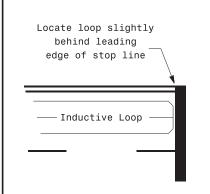


Presence Loop Detection



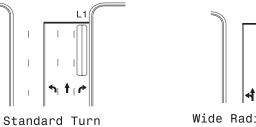
Presence Loop Placement at Stop Lines

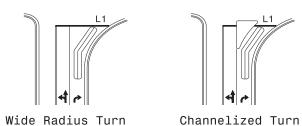
Queue Loop Detection



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):

	• ,
Length of Lead-in ft	Number of Turns
< 250	3
250-375	4
375 - 525	5
> 525	6

Quadrupole loops: Use 2-4-2 turns

6' X 15' Loops: Lead-in < 150', use 2 turns Lead-in > 150', use 3 turns



Typical Signal Loop Locations

PLAN DATE: September 2020 REVIEWED BY: REVIEWED BY: PREPARED BY: PLA SCALE N/A

LIAZION P. Galloway

PROJECT REFERENCE NO. SHEET NO.