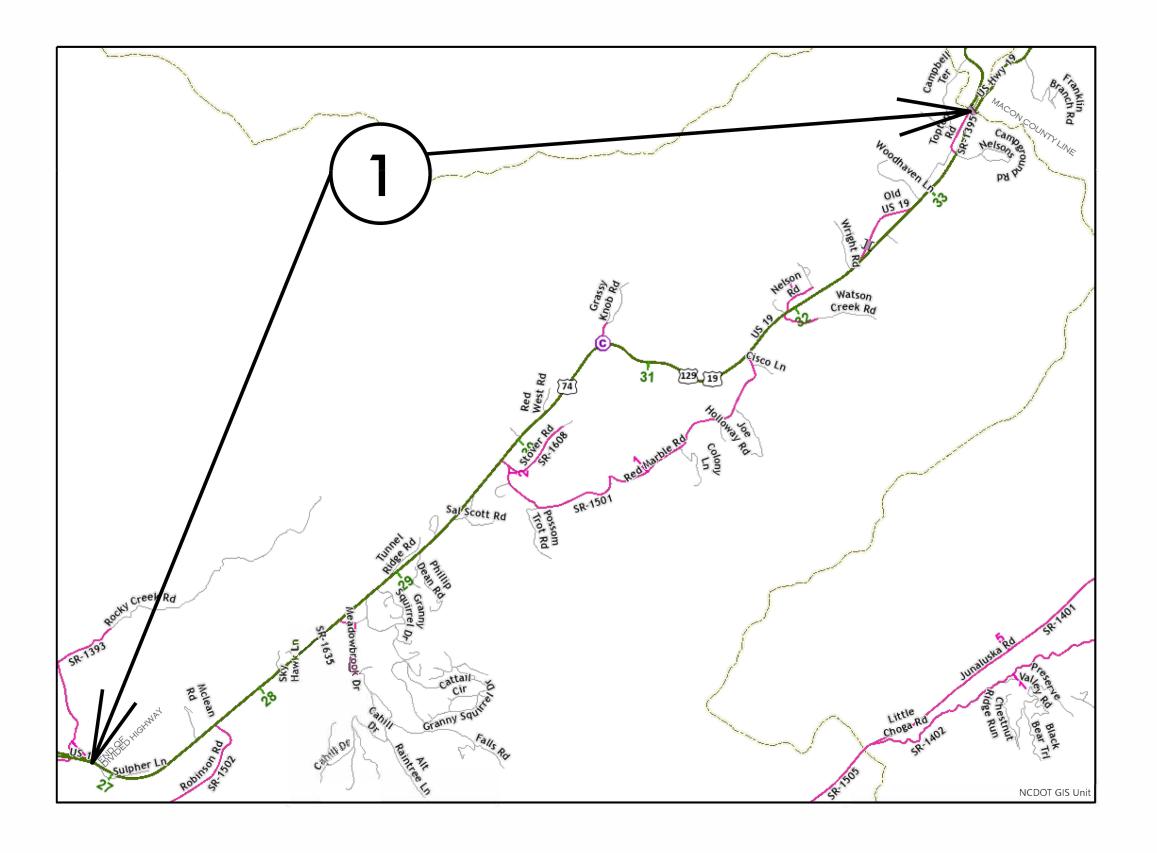
CHEROKEE COUNTY

STATE	STATI	SHEET NO.	TOTAL SHEETS			
N.C.	2025CP	1	9			
STAT	E PROJ. NO.	DESCRIPT	TION			
		1				
-	,		_			





MAP 1



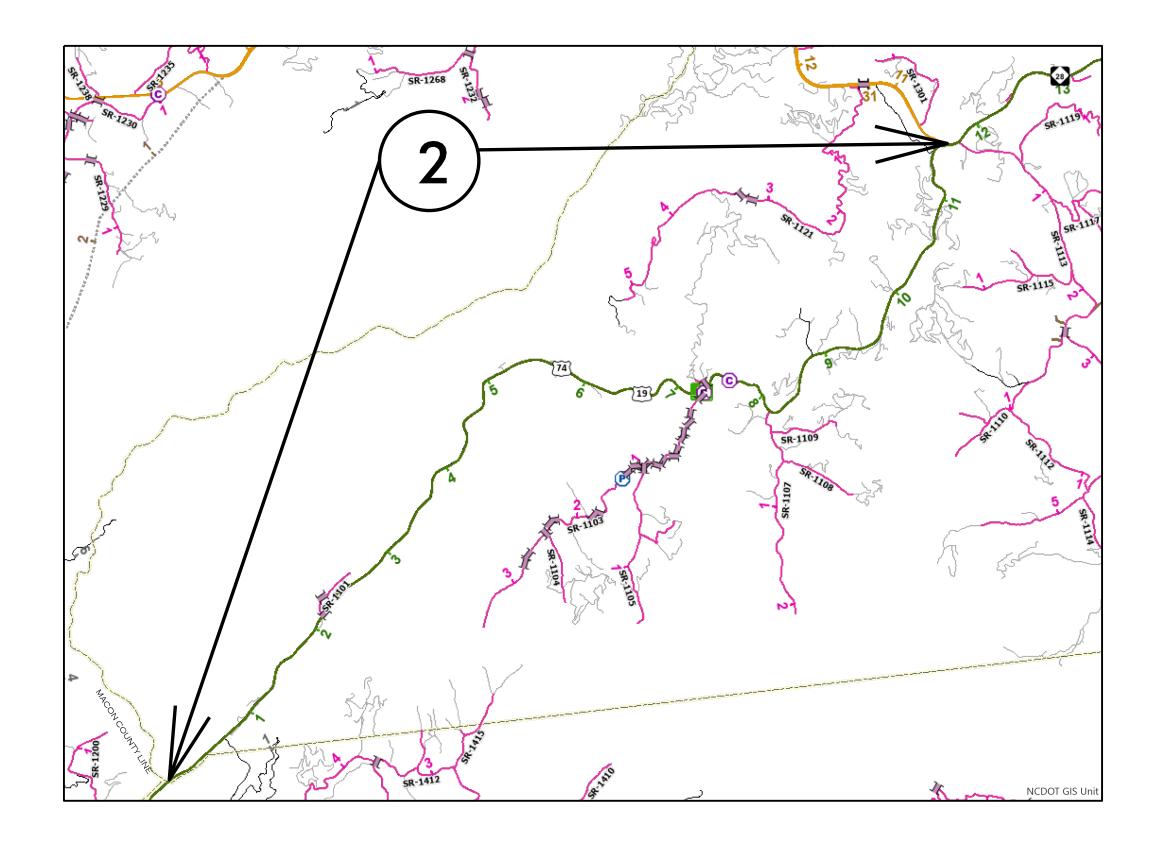


BEG

END

SWAIN COUNTY

STATE	STATI	SHEET NO.	TOTAL SHEETS		
N.C.	2025CPT	2			
STAT	E PROJ. NO.	F. A. PROJ. NO.	DESCRIPT	TION	





MAP 2





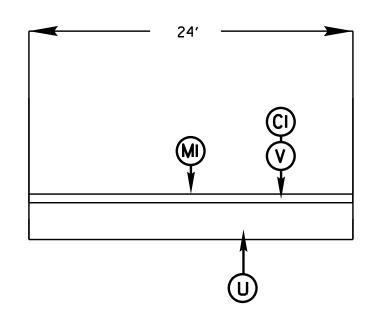
BEG

END

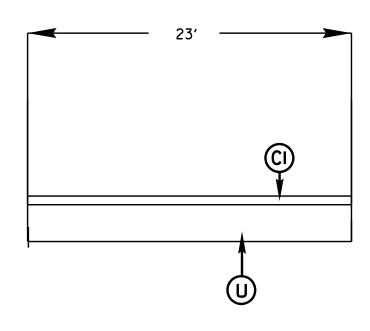
STATE	STATE PROJEC	STATE PROJECT REFERENCE NO.							
N.C.	2025CPT.14	3							
S	TATE PROJ. NO.	F. A. PROJ. NO.		DESCRIPT	TION				

	PAVEMENT SCHEDULE
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 165LBS. PER SQ. YD.
U	EXISTING PAVEMENT
V	MILLED ASPHALT PAVEMENT 1 1/2" IN DEPTH IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER
M 1	MILLED RUMBLE STRIPS, CENTERLINE

TYPICAL 1



TYPICAL 2



			PROJECT REFERENCE NO.	SHEET NO.
			2025CPT.14.08.10201, etc.	4
MINIMUM TIE IN ON CITY STREETS AND COMMERCIAL DRIVES	EXTEND LIMITS TO BACK OF SIGNAL LOOPS ON STATE MAINTAINED ROADS AS DIRECTED BY THE ENGINEER			
		MINIMUM TIE IN ON CITY STREETS AND COMMERCIAL DRIVES	EXTEND LIMITS TO BACK OF RADIUS ON STATE MAINTAINED ROADS AS DIRECTED BY THE ENGINEER	

SIGNALIZED Y LINES

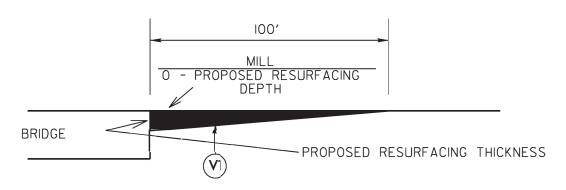
TYPICAL DETAIL OF PROJECT LIMITS AT TYPICAL DETAIL OF PROJECT LIMITS AT UNSIGNALIZED Y LINES

	ADDITIONAL INTERSECTIONS (NON-TYPICAL)										
	Extend paving limits to back of radius or loop on the following intersections:										
MAP#	STREET NAME	COMMENTS									

[STATE	STATE PROJEC	SHEET NO.	TOTAL SHEETS		
	N.C.	2025CPT.14	5			
Į	S	TATE PROJ. NO.	F. A. PROJ. NO.		DESCRIPT	TION
ŀ				\vdash		
İ						

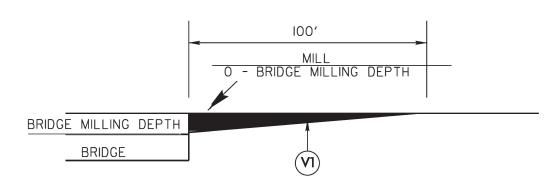
	Bridge Structure Table							
Map#	Route No.	Road Name	County	Structure No.	Posted SV (Tons)	Posted TTST (Tons)	Paving Across Bridge	
2	US 17/74	US 19/74	Swain	860003	99	99	No	
	3				7			
c	12							

STATE	STATE PROJEC	SHEET NO.	TOTAL SHEETS	
N.C.	2025CPT.14.0	6		
S	TATE PROJ. NO.	F. A. PROJ. NO.	DESCRIP	TION
-				



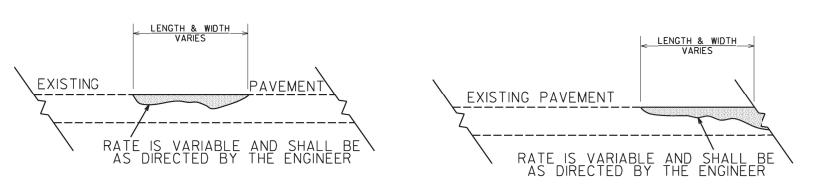
MILLING DETAIL AT BRIDGE APPROACHES

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



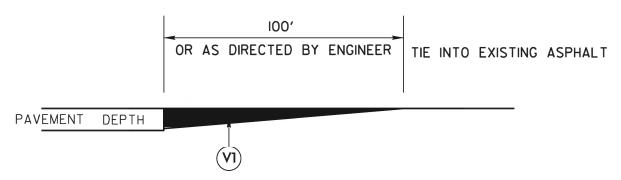
MILLING DETAIL AT BRIDGE APPROACHES

WHERE BRIDGES WILL BE MILLED THEN 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)



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.

STRIPES STRIPS CENTERLINE RUMBLE RUMBLE

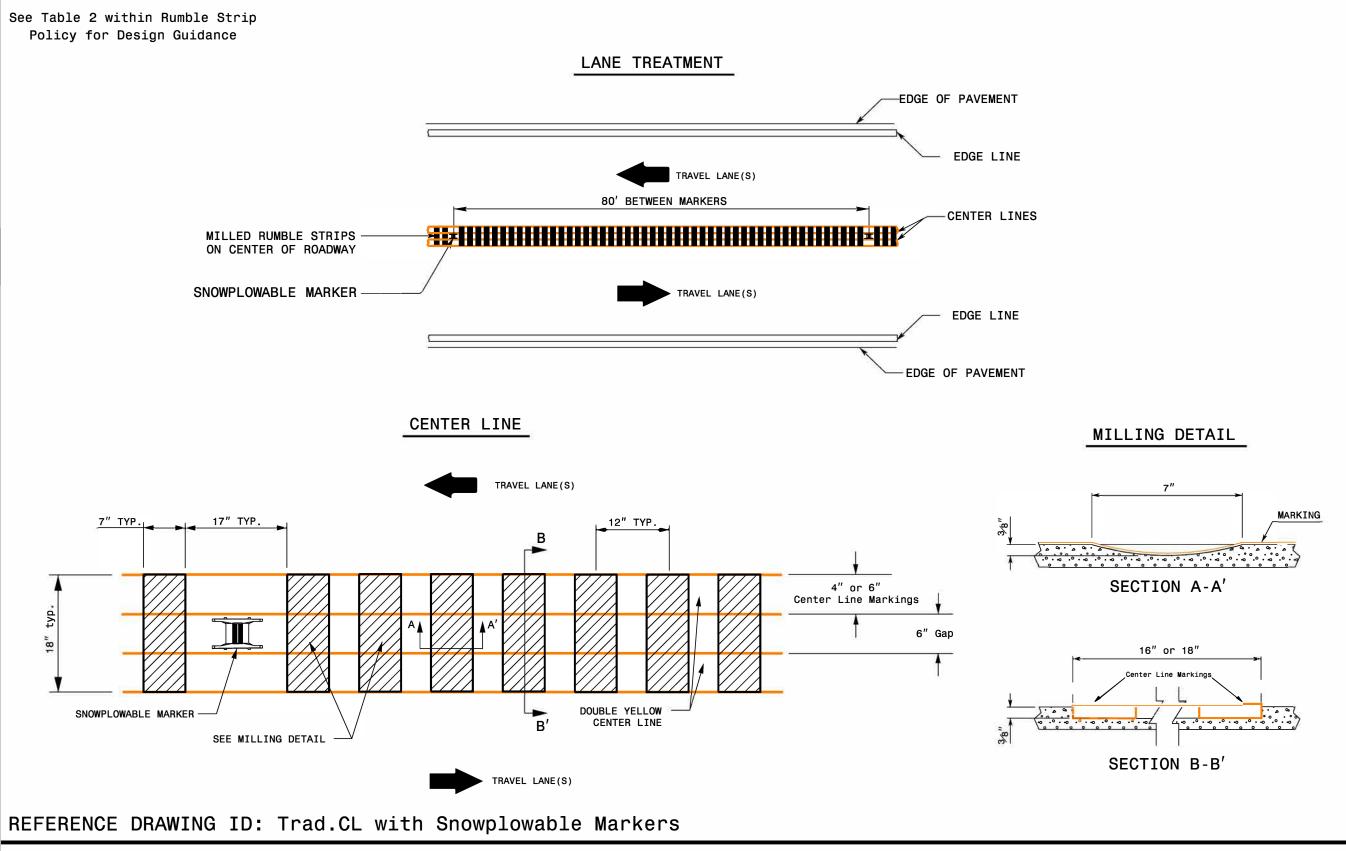
DRAWING FOR

DETAIL

ENGLISH

TRADITIONAL

SHEET 7 OF



NOTES:

EPT DIV

TRADITIONAL CENTERLINE

RUMBLE

STRIPE

WITH SNOWPLOWABLE

MARKERS

SHEET

0F

RUMBLE

STRIP

STRIPES

ENGLISH

DETAIL

DRAWING

FOR

STATE OF NORTH CARO
OF TRANSF

- 1) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 2) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.
- 3) INSTALL SNOWPLOWABLE MARKERS AT APPROXIMATELY 80' INCREMENTS. DO NOT MILL RUMBLE STRIPS IN SECTION WHERE SNOWPLOWABLE MARKERS ARE INSTALLED.

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.14.08.10201	8	
2025CPT.14.08.10871		

SUMMARY OF QUANTITIES

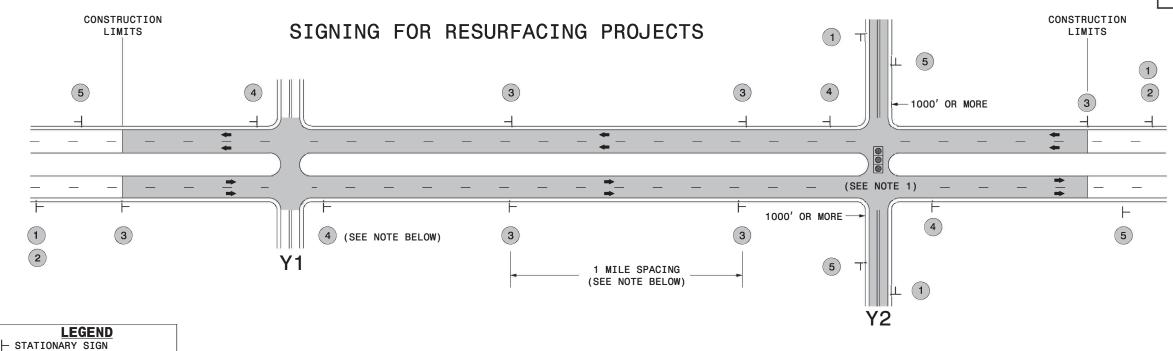
											•							
												1297000000-E	1330000000-E	1523000000-E	1575000000-E	1704000000-E	1841000000-E	7444000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE	LENGTH	WIDTH	BEGIN	END	11/2" MILLING	INCIDENTAL	SURFACE	ASPHALT	PATCHING	CENTERLINE	INDUCTIVE
							TYPE			MP	MP		MILLING	COURSE, S9.5C	BINDER FOR	EXISTING	MILLED RUMBLE	LOOP SAWCUT
															PLANT MIX	PAVEMENT	STRIPS(ASPHALT	
																	CONCRETE), 18"	
								MI	FT			SY	SY	TONS	TONS	TONS	LF	LF
2025CPT.14.08.10201	Cherokee	1	US-19	END OF DIVIDED HWY TO MACON CL	1	2	2WU	6.6	24	26.9	33.5	95,257		8,400	568	1,500	35,000	125.00
TOTAL FO	R MAP NO	. 1						6.6				95,257		8,400	568	1,500	35,000	125.00
TOTAL FOR PROJ NO	. 2025CPT	.14.08.102	201					6.6				95,257		8,400	568	1,500	35,000	125.00
2025CPT.14.08.10871	Swain	2	US-19	FROM MACON CL TO NC 28	2	2		11.59	23	0	11.59		3,100	14,030	876	1,000		
TOTAL FO	R MAP NO	. 2						11.59					3,100	14,030	876	1,000		
TOTAL FOR PROJ NO	. 2025CPT	.14.08.108	371					11.59					3,100	14,030	876	1,000		
GRAN	ID TOTAL							18.19				95,257	3,100	22,430	1,444	2,500	35,000	125.00

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.14.08.10201	0	TOTAL NO.
2025CPT.14.08.10871	9	

THERMOPLASTIC AND PAINT QUANTITIES

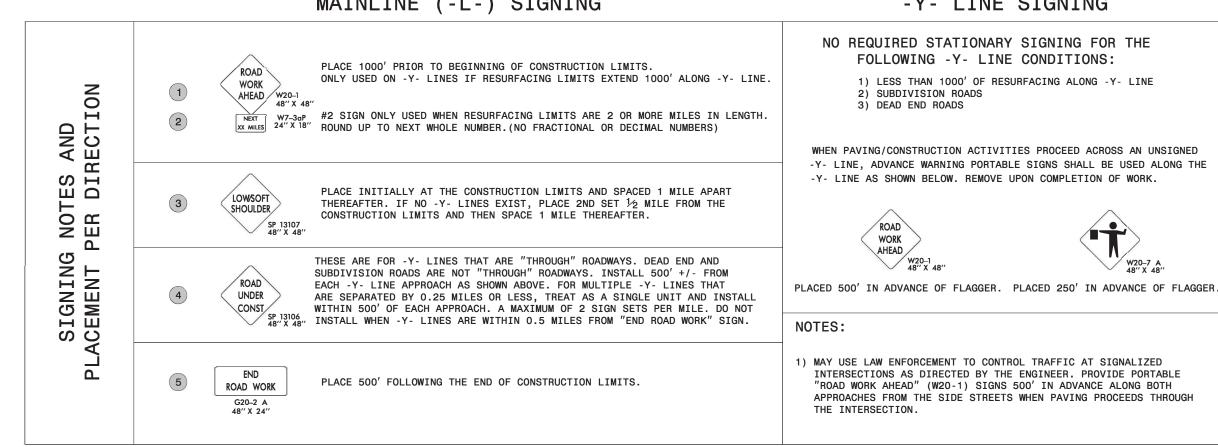
4413000000-E										4457000000-N	4688000000-E		4709000000-E	4725000000-E		4895000000-N				
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE	LENGTH	WIDTH	BEGIN MP	END MP	WORK ZONE	TEMPORARY	6" X 90 M	6" X 90 M	THERMOPLASTIC	THERMO LT	THERMO STR	THERMOPLASTIC	SNOWPLOWABLE
							TYPE					ADVANCE/GENERAL	TRAFFIC	WHITE	YELLOW	PAVEMENT	ARROW 90 M	ARROW 90 M	PAVEMENT	DELINEATION
												WARNING SIGNING	CONTROL	THERMO	THERMO	MARKING LINES			MARKING SYMBOL	(POLYCARBONATE
																(24", 90 MILS)			(90 MILS)	H-SHAPED
																				MARKER)
								MI	FT			SF	LS	LF	LF	LF	EA	EA	EA	EA
2025CPT.14.08.10201	Cherokee	1	US-19	END OF DIVIDED HWY TO MACON CL	1	2	2WU	6.6	24	26.9	33.5	784	*	69,700	69,700	100				500.00
TOTAL FO	TOTAL FOR MAP NO. 1							6.6				784		69,700	69,700	100				500.00
TOTAL FOR PROJ NO. 2025CPT.14.08.10201							6.6				784	*	69,700	69,700	100				500.00	
												139,400						·		
2025CPT.14.08.10871	Swain	2	US-19	FROM MACON CL TO NC 28	2	2	2WU	11.59	23	0	11.59	1,344	*	122,390	123,406	315	10	5	12	1,466.00
TOTAL FOR MAP NO. 2								11.59				1,344		122,390	123,406	315	10.00	5	12	1,466.00
TOTAL FOR PROJ NO. 2025CPT.14.08.10871								11.59				1,344	*	122,390	123,406	315	10.00	5	12	1,466.00
													245,796		27.00					
												·	·	•	•	·				•
GRAND TOTAL							18.19				2,128	1.000	192,090	193,106	415	10.00	5	12	1,966.00	
													385,196			27				

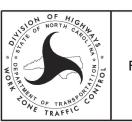
PROJ. REFERENCE NO. SHEET NO. TMP-1 2025CPT.14.08.10201



MAINLINE (-L-) SIGNING

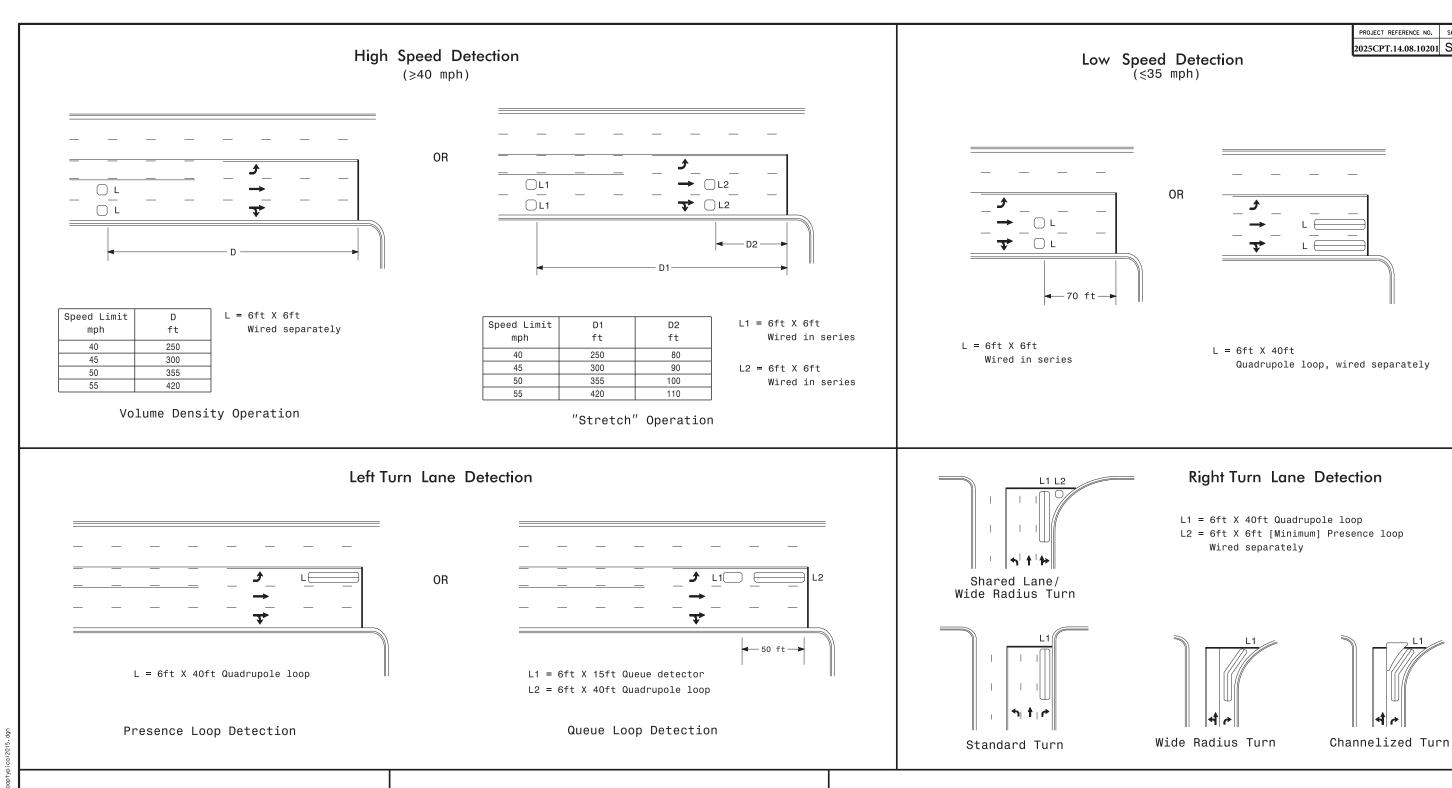
-Y- LINE SIGNING



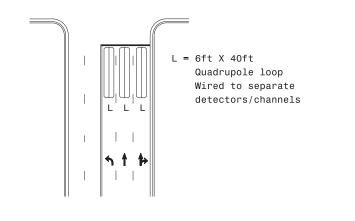


RESURFACING ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN MULTI-LANE ROADWAYS W/ SHOULDER SECTIONS

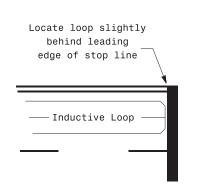
← DIRECTION OF TRAFFIC FLOW







Presence Loop Placement at Stop Lines



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

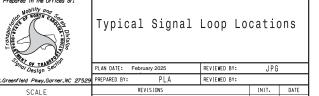
N/A

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



Jalin F. Gallanay 1/16/202

PROJECT REFERENCE NO. SHEET NO. 2025CPT.14.08.10201 SIG-1