

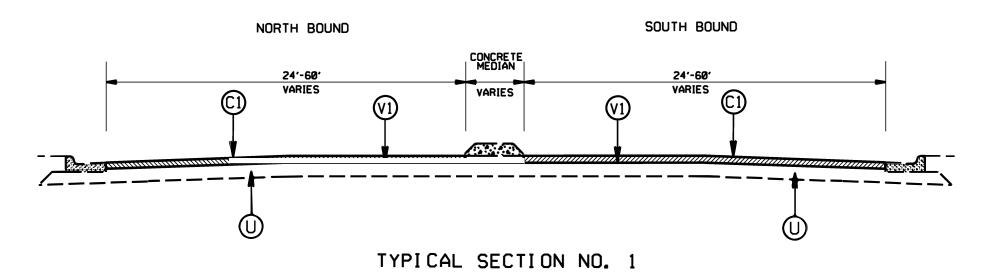
STATE	PROJECT NO.	9€ET NO.	IOTAL SEETS_
N.C.		4	
Wes No	2026CPT.	.10.07.10601	1

2026 MECKLENBURG COUNTY RESURFACING CONTRACT I

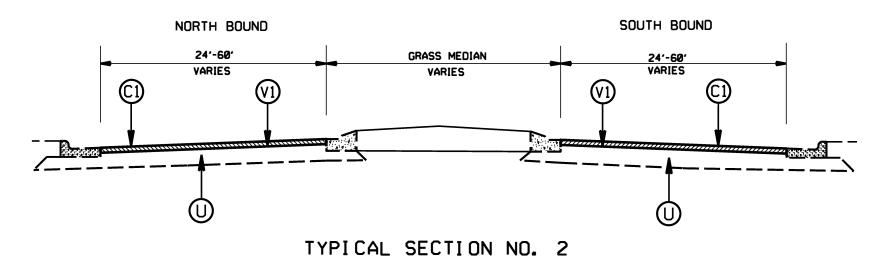
DATE DWG. BY DESIGN BY REVISIONS

	PAVEMENT SCHEDULE
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
V1	MILLING 1.5° DEPTH
V2	INCIDENTAL MILLING

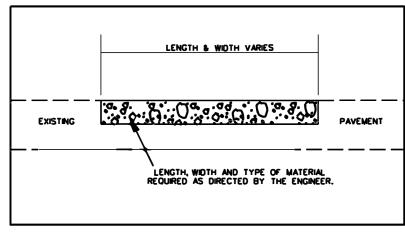
S. TRYON STREET/YORK ROAD



S. TRYON STREET/YORK ROAD



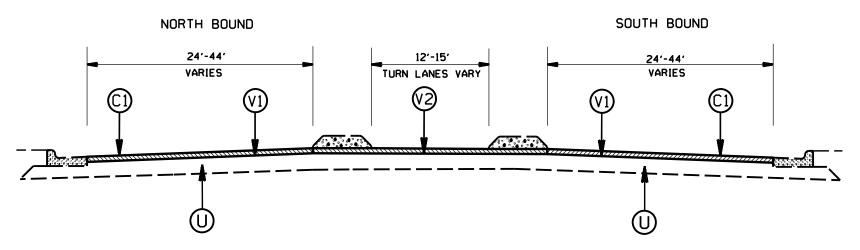
PATCHING DETAIL



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS								
N.C.		5									
WBS NO. 2026CPT.10.07.10601											

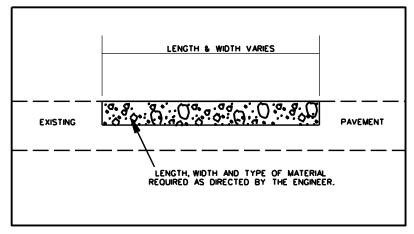
	PAVEMENT SCHEDULE
C1	PROP. APPROX. 1.5° ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
V1	MILLING 1.5* DEPTH
٧2	INCIDENTAL MILLING

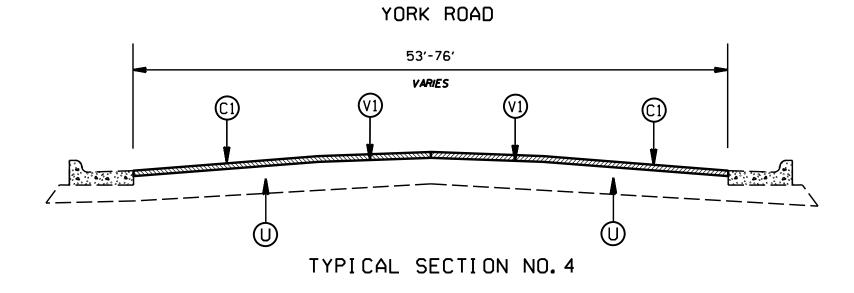
S. TRYON STREET/ YORK ROAD

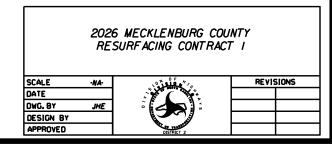


TYPICAL SECTION NO. 3

PATCHING DETAIL







STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS							
N.C.		6								
WBS NO. 2026CPT.10.07.10601										

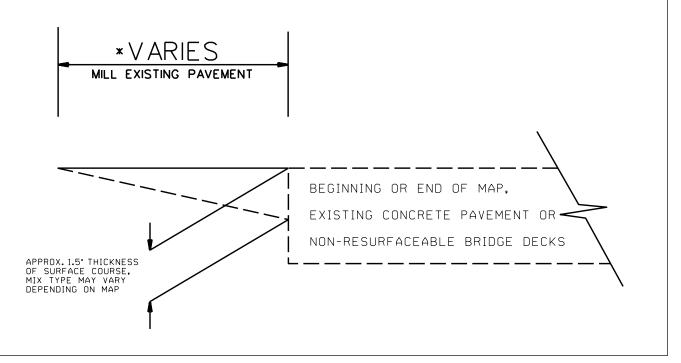
INCIDENTAL MILLING

NOTES:

FOR SURFACE MIXES OVER 1" IN THICKNESS, MILL THE EXISTING PAVEMENT IN ACCORDANCE WITH THE FOLLOWING SKETCH AS DIRECTED BY THE ENGINEER.

LOCATIONS SHALL INCLUDE TIES INTO EXISTING CONCRETE PAVEMENT AT BRIDGE APPROACHES WHERE THE BRIDGE WILL NOT BE RESURFACED, AND AT THE BEGINNING AND ENDING POINT OF EACH RESURFACING MAP.

PERFORM THE WORK IN ACCORDANCE WITH SECTION 607 OF THE JANUARY 2024 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. RESURFACING WILL BE ACCOMPLISHED AT THE SAME TIME AS THE MILLING OPERATION.



2026 MECKLENBURG COUNTY RESURFACING CONTRACT *1

SCALE
DATE
DWG. BY JHE
DESIGN BY





			PROJECT REFERENCE NO.	SHEET NO.
			2026CPT.10.07.10601	7
				Į į
1 1				
MINIMUM TIE IN ON CITY STREETS AND	EXTEND LIMITS TO			
COMMERCIAL DRIVES	BACK OF SIGNAL LOOPS ON STATE MAINTAINED ROADS			
	AS DIRECTED BY THE ENGINEE	ER		l i
			\	
	\			
				Ii
				l !
		\bigwedge	EXTEND LIMITS TO	
		MINIMUM TIE IN ON CITY STREETS AND	BACK OF RADIUS ON STATE MAINTAINED ROADS	
		COMMERCIAL DRIVES/	AS DIRECTED BY THE ENGINEER	Į į
		1	l]
TYPICAL DETAIL OF PROJ	ECT LIMITS AT	TYPICAL DETAIL	OF PROJECT LIMITS AT	li
SIGNALIZED Y L		UNSIGNA	LIZED Y LINES	
			1]
	ADDITIONAL IN	NTERSECTIONS (NON-TYPICAL)		I
	Extend o	paving limits to back of radius		
		on the following intersections:		
	MAP*	STREET NAME		ľ
	MHL.	SINCEL NAME		
				,

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.10.07.10601	8	

SUMMARY OF QUANTITIES

												1297000000-E	1330000000-I	1523000000-E	1575000000-E	1704000000-E	2605000000-N	2612300000-N	2830000000-N	2845000000-N	2846000000-N	5255000000-N	7444000000-E
PROJECT NO	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANE	LAN	LENGTH	WIDTH	BEGI	END	1.5" MILLING	INCIDENTAL	SURFACE	ASPHALT	PATCHING	CONCRETE	RETROFIT	ADJ. OF	ADJ. OF METER	ADJ. OF	PORTABLE	INDUCTIVE
		NO			NO	S	Ε			N MP	MP		MILLING	COURSE, S9.5C	BINDER FOR	EXISTING	CURB RAMPS	EXISTING	MANHOLES	OR VALVE BOX	OVERSIZED	LIGHTING	LOOP SAWCUT
							TYPE								PLANT MIX	PAVEMENT		CONCRETE			MANHOLES		
																		CURB RAMPS					
								MI	FT			SY	SY	TONS	TONS	TONS	EA	EA	EA	EA	EA	LS	LF
			SB NC-49 S TRYON STREET	FROM BRIDGE AT I-485 TO STEELE																			
2026CPT.10.07.10601	Mecklenburg	1	(30400049060)	CREEK ROAD	1,2,3	2	MD	4.34	24	20.14	24.48	43,677	47,820	8,455	528	600	1	2	16	6	13		6,102
	TOTAL	FOR MAP	NO.1					4.34				43,677	47,820	8,455	528	600	1	2	16	6	13		6,102
			NB NC-49 S TRYON STREET	FROM STEELE CREEK ROAD TO																			
2026CPT.10.07.10601	Mecklenburg	2	(30000049060)	BRIDGE AT I-485	1,2,3	2	MD	4.34	24	3.46	7.80	61,129	25,670	8,021	512	800		2	8	14	0		6,316
	TOTAL	FOR MAP	NO. 2					4.34				61,129	25,670	8,021	512	800		2	8	14	0	+	6,316
			SB NC-49 S. TRYON ST / YORK	FROM STEELE CREEK ROAD TO																			
2026CPT.10.07.10601	Mecklenburg	3	ROAD (30400049060)	BUSTER BOYD BRIDGE	1,2,3	2	MD	3.44	28	24.48	27.92	51,932	13,396	6,037	385	600		2			0		2,712
	TOTAL	FOR MAP	NO. 3					3.44				51,932	13,396	6,037	385	600		2			0		2,712
			NB NC-49 YORK ROAD / S. TRYON	FROM BUSTER BOYD BRIDGE TO																			
2026CPT.10.07.10601	Mecklenburg	4	ST (30000049060)	STEELE CREEK ROAD	1,2,3,4	2	MD	3.46	28	0.00	3.46	50,342	4,922	5,107	340	800			1		1		3,258
	TOTAL					3.46				50,342	4,922	5,107	340	800			1		1		3,258		
тот	AL FOR PROJ	CPT.10.07.10601					15.58				207,080	91,808	27,620	1,765	2,800	1	6	25	20	14	1.0	18,388	
GRAND TOTAL			A.1																				
	GR	AND IOI	AL					15.58				207,080	91,808	27,620	1,765	2,800	1	6	25	20	14	1.0	18,388

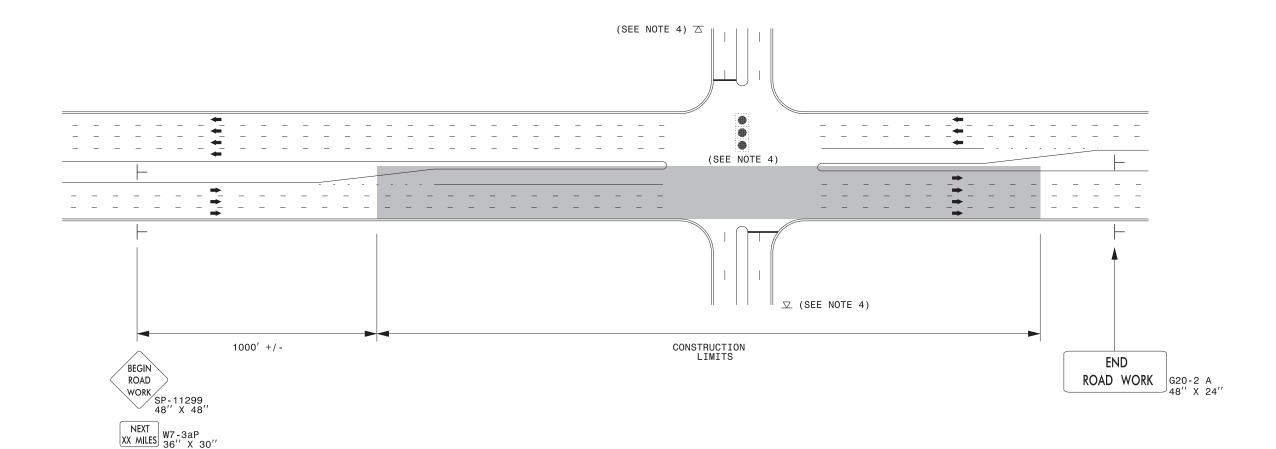
PROJECT NO.	SHEET NO.	TOTAL NO.
026CPT.10.07.1060:	9	

THERMOPLASTIC AND PAINT QUANTITIES 460000000-N 4685000000-E 4695000000-E 4709000000-E 4720000000-E 4720000000-E

								4413000000-E	444700000°L	443/00000-	4310000000-1	400000	00000-14	408300	J0000-E	4030	000000-E	4704000000-E	4/03000000-L	4/200	00000-E			472000000	L	4010	00000-L	40200000	700-L	400000000-E	403300000	4040	7000000-14		40	34000000	.4	4893000000-14
PROJECT NO COUNTY MAR	ROUTE	DESCRIPTION	TYP LANES LA	NE LENGT	TH WIDTH	BEGIN	END MP	WORK ZONE	PEDESTRIAN	TEMPORARY	Y LAW	AUDIBLE								THERMO TH	ERMO T	THERMO TH	ERMO T	THERMO THE	MO THE	RMO 4"	4"	8"	8"	16" WHITE	24" WHITE	PAINT	PAINT	PAINT PAIN	TLT PA	AINT PAII	NT PAINT	
NO			NO TY	/PE		MP		ADVANCE/GE	CHANNELIZIN	TRAFFIC	ENFORCEMEN	WARNING	TEMPORA	THERMOPLAST	THERMOPLAST	THERMOPLAS	THERMOPLAST	THERMOPLAS	THERMOPLAS	RXR 90 M	1SG	MSG	LT	RT ST	R STR	& RT WHITI	YELLOV	WHITE YE	ELLOW	PAINT	PAINT	MSG	MSG	MSG ARRO	OW F	RT ST	R STR&R	POLYCARBON
								NERAL	G DEVICES	CONTROL	T	DEVICES	RY CURB	IC PAVEMENT	IC PAVEMENT	IC PAVEMEN	T C PAVEMENT	TIC	TIC	ON	LY 90 S	CHOOL AR	ROW	ARROW ARR	OW ARE	OW PAINT	PAINT	PAINT F	PAINT			RXR	ONLY S	CHOOL	ARF	ROW ARR	JW ARROV	ATE H-SHAPED
								WARNING					RAMPS	MARKING	MARKING	MARKING	MARKINGLINES	PAVEMENT	PAVEMENT		м	90 M 9	0 M	90 M 90	м 90	М												MARKERS
								SIGNING						LINES WHITE	LINES YELLOW	LINES WHITE	YELLOW LINES	MARKING	MARKING																			
															(4", 90 MILS)				LINES WHITE																			
														(1,111)	(, , ,	(= ,=====	,(= ,===,		(24", 90 MILS)																			
				MI	FT			SF	LF	LS	HR	EA	EA	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA EA	۱ E	A LF	LF	LF	LF	LF	LF	EA	EA	EA EA	A E	EA EA	A EA	EA
	SB NC-49 S TRYON	FROM BRIDGE AT I-485																																				
2026CPT.10.07.10601 Mecklenburg 1	STREET	TO STEELE CREEK ROAD	1,2,3 2 N	1D 4.34	24	3.46	7.8	200	22		600	4	4	15,946	3,083	6,768		80	609	4	4		74	53 40)	15,946	3,083	6,768		80	609	4	4	74	4 E	53 40	j	864
TOTAL FOR MAP NO	.1			4.34				200	22		600	4	4	15,946	3,083	6,768		80	609	4	4		74	53 40)	15,94	3,083	6,768		80	609	4	4	74	4 5	53 40	J	864
	NB NC-49 S TRYON	FROM STEELE CREEK																																				
2026CPT.10.07.10601 Mecklenburg 2	STREET	ROAD TO BRIDGE AT I-	1,2,3 2 N	4.34	24	3.46	7.8	200			600			14,357	2,993	5,948		80	561	4	8		56	43 43	3	14,35	7 2,993	5,948		80	561	4	8	56	6 4	43 4'	3 2	726
TOTAL FOR MAP NO	. 2			4.34				200			600			14,357	2,993	5,948		80	561	4	8		56	43 43	3	2 14,35	7 2,993	5,948		80	561	4	8	56	6 4	43 43	3 2	726
	SB NC-49 S. TRYON	FROM STEELE CREEK								*																												
2026CPT.10.07.10601 Mecklenburg 3	ST / YORK ROAD	ROAD TO BUSTER BOYD	1,2,3 2 N	1D 3.44	28	24.48	27.92	200			300			9,594	3,733	4,236	86		303			6	41	26 16	3	9,594	3,733	4,236	86		303			6 41	1 7	26 16	ŝ	538
TOTAL FOR MAP NO	.3			3.44				200			300			9,594	3,733	4,236	86		303			6	41	26 16	3	9,594	3,733	4,236	86		303			6 41	1 2	26 16	ś	538
	NB NC-49 YORK	FROM BUSTER BOYD																																				
2026CPT.10.07.10601 Mecklenburg 4	ROAD / S. TRYON ST	BRIDGE TO STEELE	1,2,3,4 2 N	4D 3.46	28	0	3.46	200			300			8,571	3,092	2,872			373			6	36	28 20)	8,571	3,092	2,872			373			6 36	3 2	28 20	j	510
TOTAL FOR MAP NO	. 4			3.46	,			200			300			8,571	3,092	2,872			373			6	36	28 20)	8,571	3,092	2,872			373			6 36	3 7	28 20	j	510
TOTAL FOR PROLING ASSOCIATION	40.07.40004			15.58	В			800		1.0	1,800			48,468	12,901	19,824	86	160	1,846	8	12	12 2	207	150 11	9	2 48,46	12,901	19,824	86	160	1,846	8	12	12 20	7 1	150 119	.9 2	2,638
TOTAL FOR PROJ NO. 2026CPT	.10.07.10601													61,	369	1	19,910			·	32			478		6	1,369	19,910	0				32			478		
				•								•		*				•	•									•					•	•				•
GRAND TOTAL				15.58	В			800	22	1.0	1,800	4	4	48,468	12,901	19,824	86	160	1,846	8	12	12 2	207	150 11	9	2 48,46	12,901	19,824	86	160	1,846	8	12	12 20	7 1'	150 119	.9 2	2,638
GRAND IOTAL														61,	369	1	19,910				32			478		6	1,369	19,910	0			1	32			478		
1													-																									

PROJ. REFERENCE NO. SHEET NO.
2026CPT.10.07.10601 TMP-1

URBAN / SUBURBAN WORKZONES



NOTES:

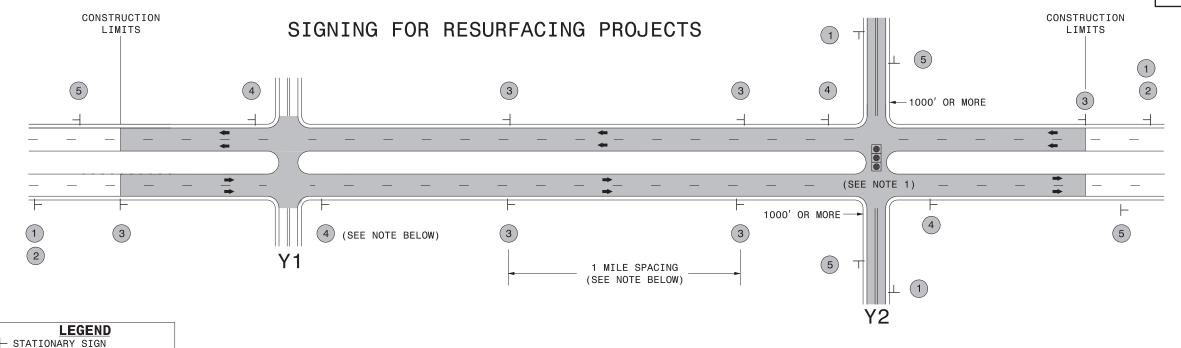
- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) 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 THE INTERSECTION.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 W/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS.THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.



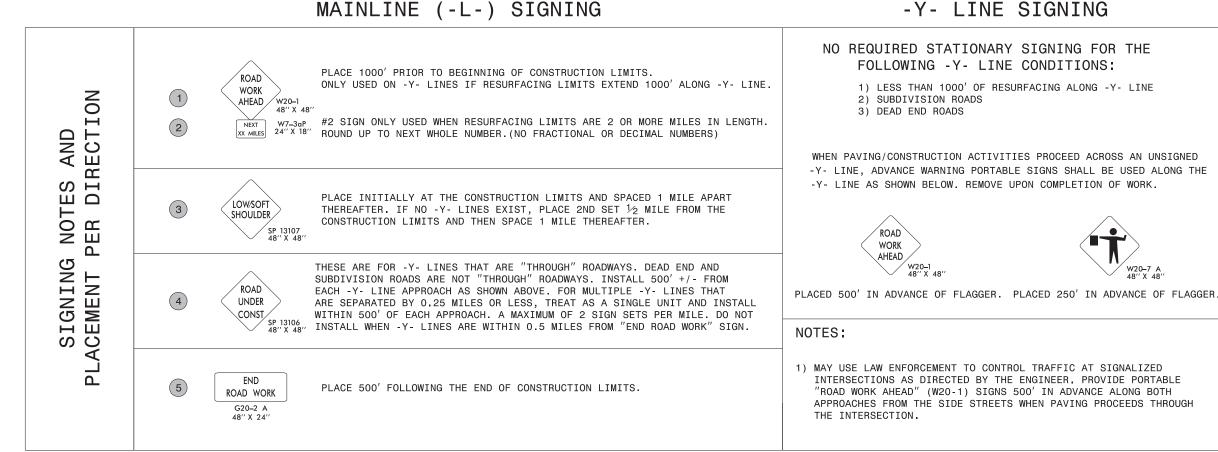


RESURFACING ADVANCE WARNING SIGNS FOR URBAN / SUBURBAN FACILITIES

PROJ. REFERENCE NO. SHEET NO. 2026CPT.10.07.10601 TMP-2



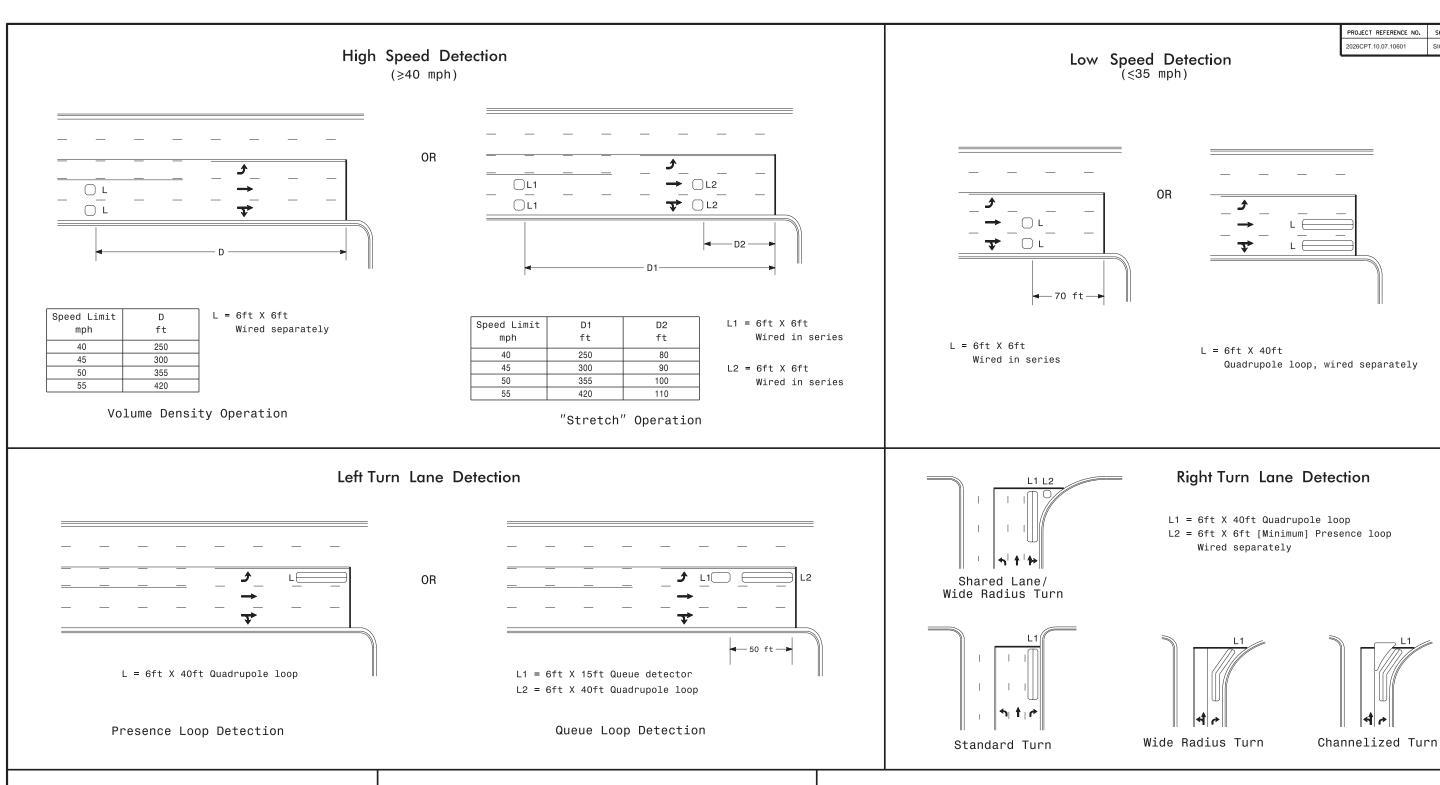
MAINLINE (-L-) SIGNING



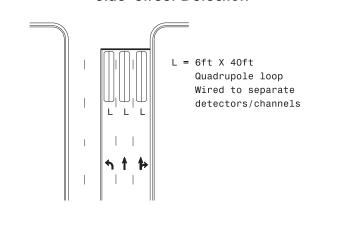


RESURFACING ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN MULTI-LANE ROADWAYS W/ SHOULDER SECTIONS

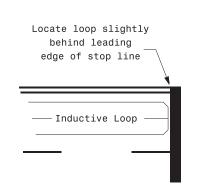
← DIRECTION OF TRAFFIC FLOW







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

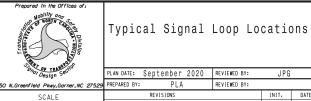
N/A

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



LIAZION P. Galloway

PROJECT REFERENCE NO. 026CPT.10.07.10601