STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION 6

PLANS

Letting Date: December 20, 2023

CONTRACT ID: DF00461

TIP NO.: -----

FEDERAL AID NO.: STATE FUNDED

WBS ELEMENT NO.: 2024CPT.06.10.10261.1

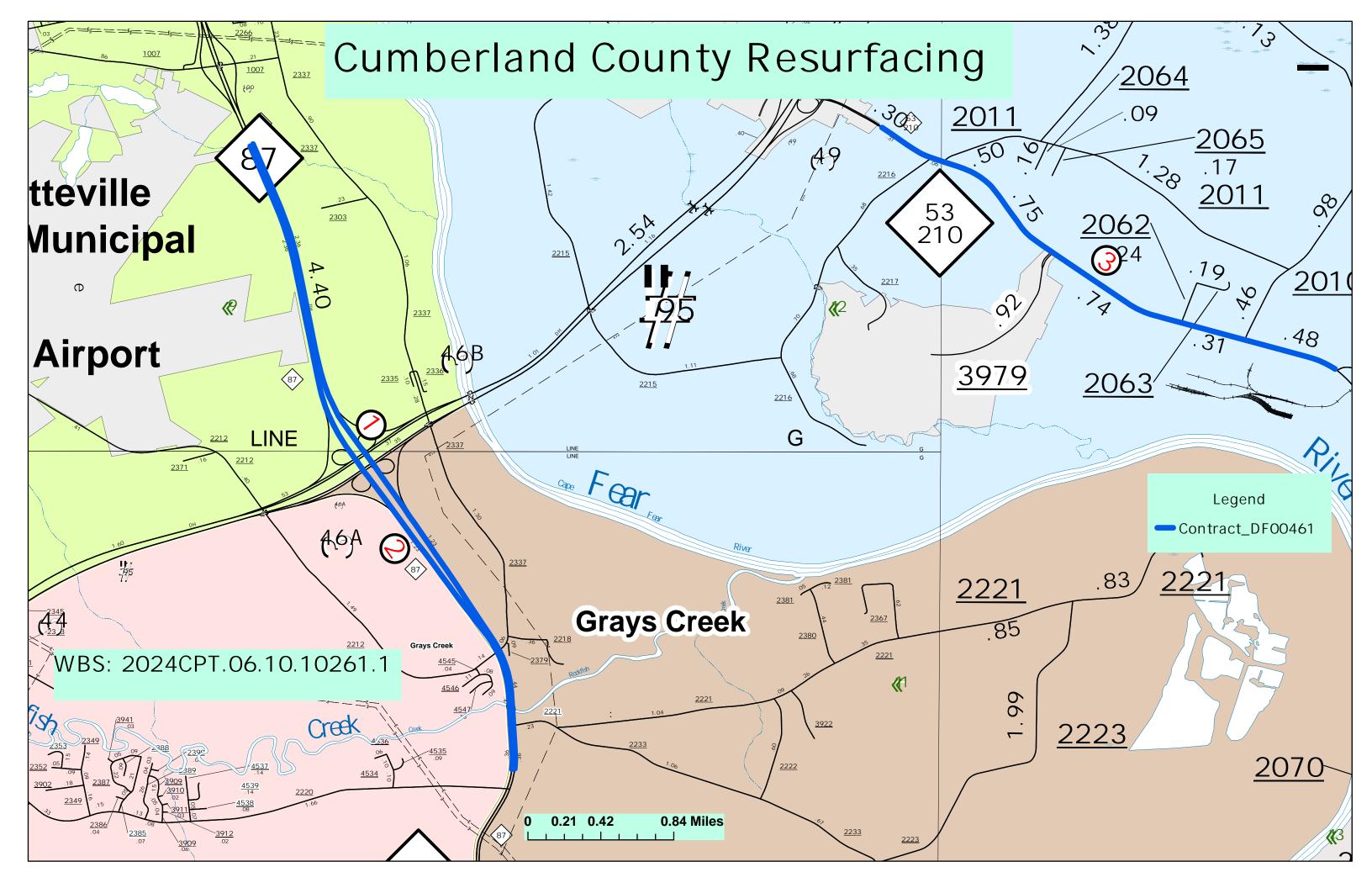
ROUTE NO.: VARIES

LOCATION: VARIES

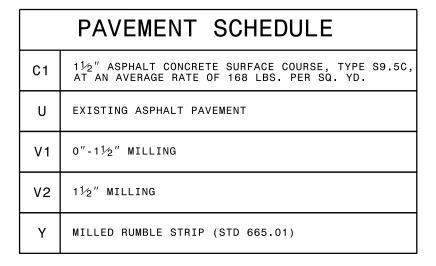
COUNTY: CUMBERLAND

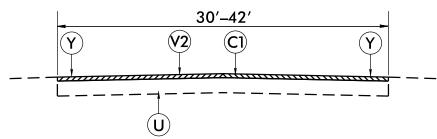
LENGTH OF PROJECT: 10.32 MILES

TYPE OF WORK: RESURFACING, MILLING & PAVEMENT MARKINGS



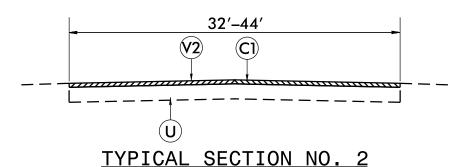
PROJECT REFERENCE NO.	
2024CPT.06.I0.I026I.I	

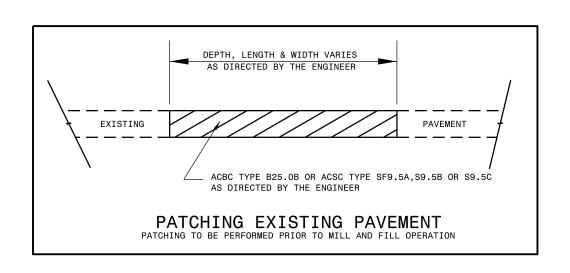


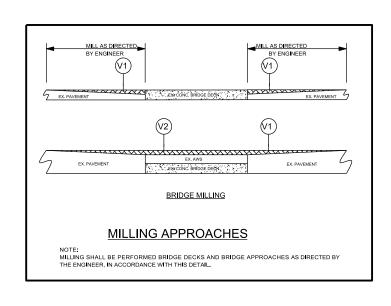


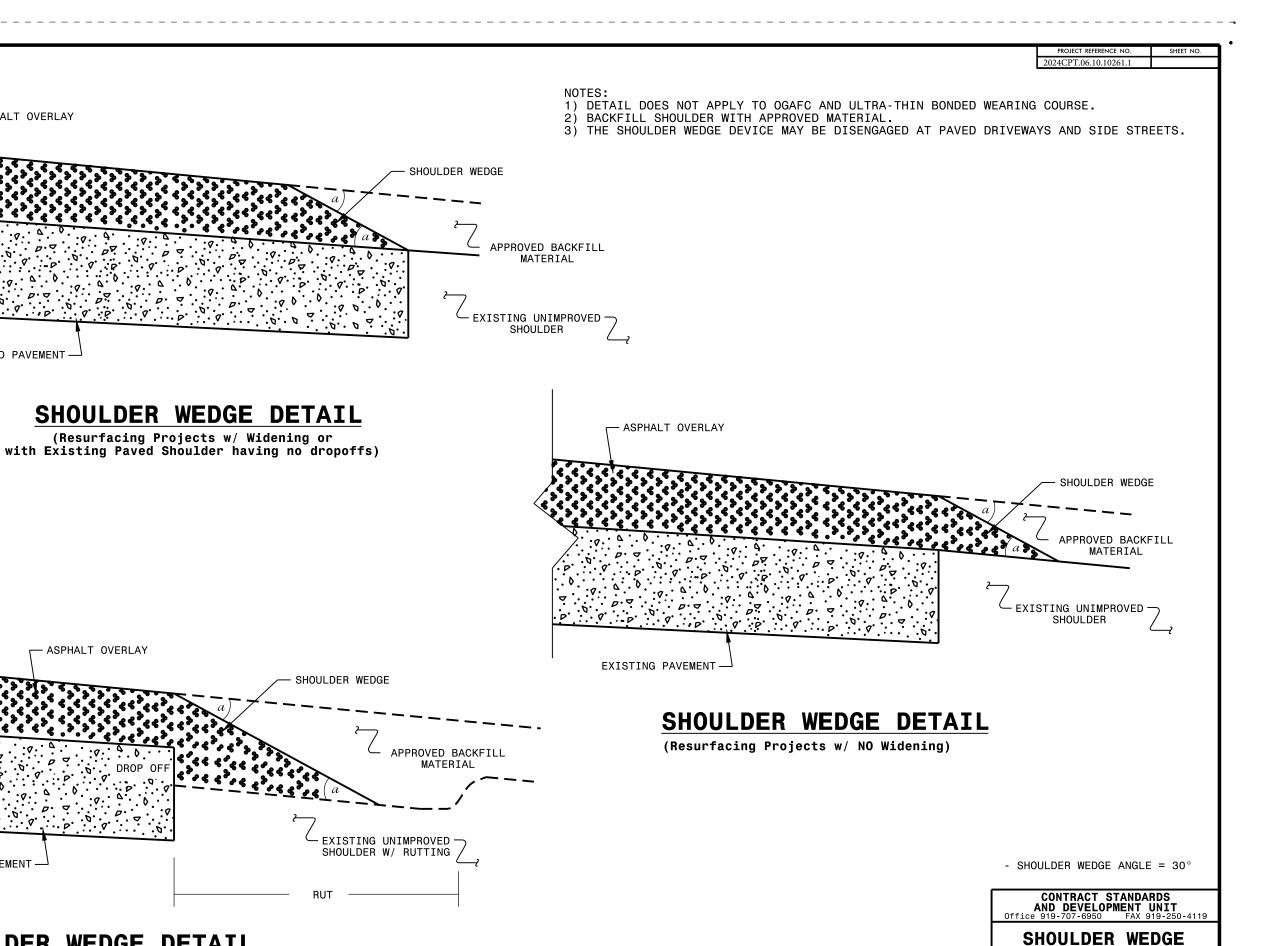
TYPICAL SECTION NO. 1

NOTE: MATERIAL TRANSFER VEHICLE SHALL BE USED ON MAPS 1 & 2









SHOULDER WEDGE DETAIL

EXISTING PAVEMENT -

ASPHALT OVERLAY

ASPHALT OVERLAY

PROPOSED PAVEMENT -

SHOULDER WEDGE DETAIL

(Resurfacing Adjacent to Rutted Shoulder)

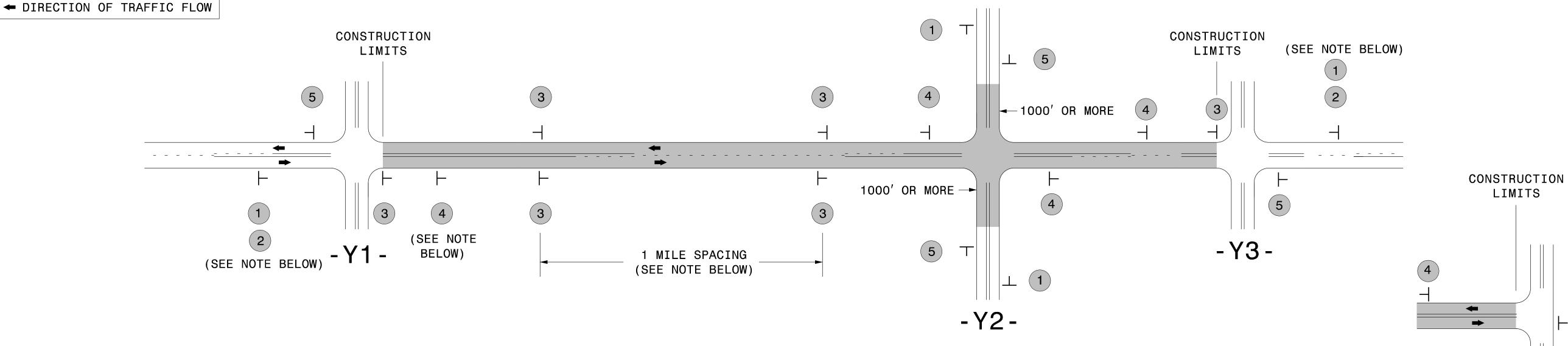
DETAILS

ORIGINAL BY: T.SPELL MODIFIED BY:

PROJ. REFERENCE NO. 2024CPT.06.10.10261.1

SIGNING FOR RESURFACING PROJECTS

LEGEND ├─ STATIONARY SIGN

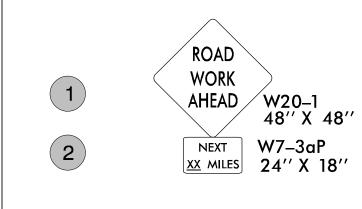


MAINLINE (-L-) SIGNING

-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.

END ROAD WORK G20-2 A 48" X 24"

PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

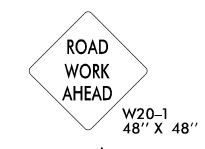
THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

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

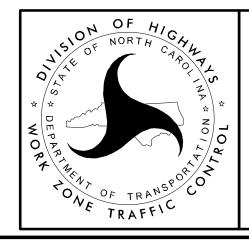
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



PLACED 500' IN ADVANCE OF FLAGGER.



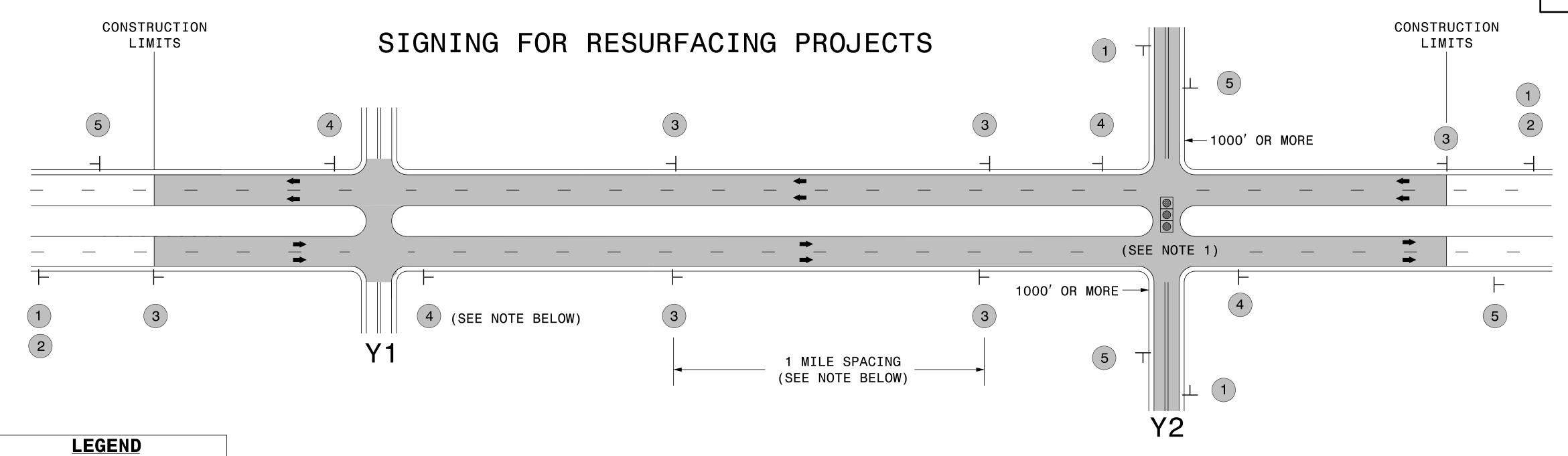
PLACED 250' IN ADVANCE OF FLAGGER.



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

TEE INTERSECTION

PROJ. REFERENCE NO. SHEET NO. 2024CPT.06.10.10261.1



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

POH ST W7-3aP 24" X 18"

NO ER

IGNING

SO

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

W7-3aP #2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)

SP 13107 48" X 48"

PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET ½ MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.

ROAD UNDER CONST SP 13106 48" X 48"

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 SP 13106 48" X 48" INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.

END ROAD WORK G20-2 A 48" X 24"

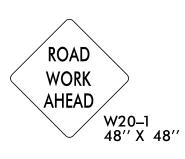
PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.

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.

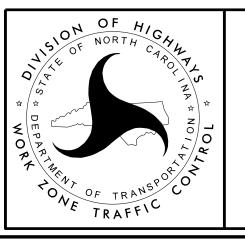




PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.

NOTES:

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 THE INTERSECTION.

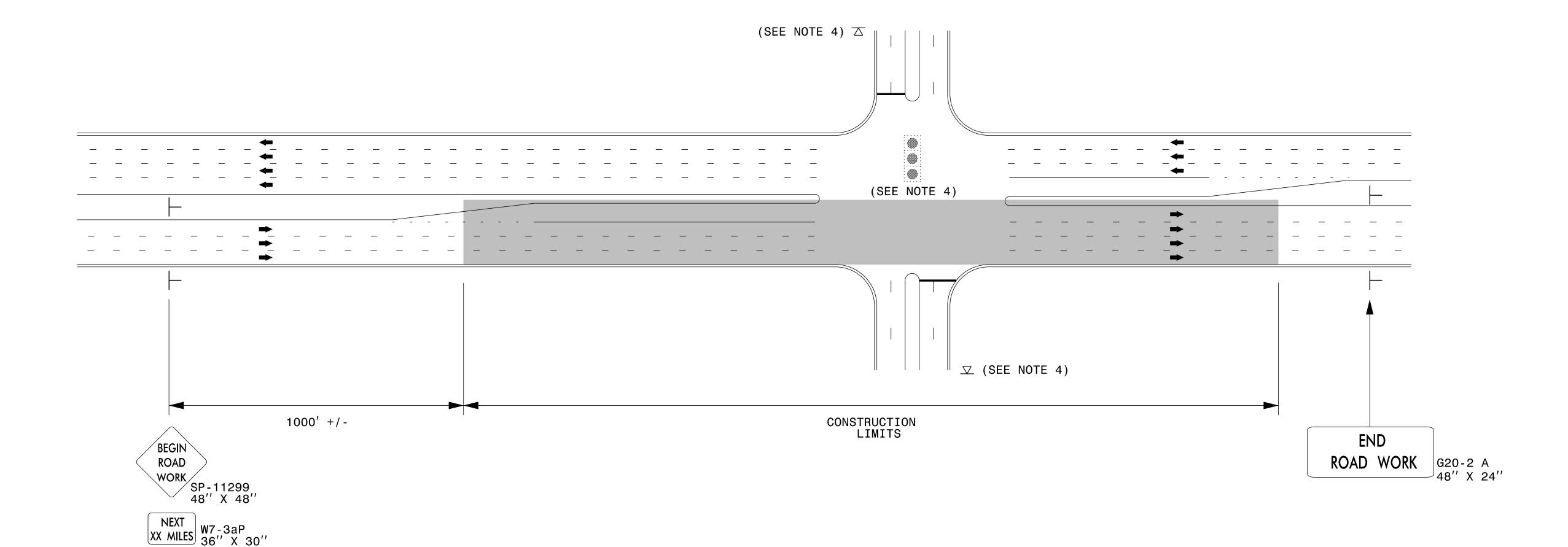


RESURFACING
ADVANCE WARNING SIGNS
FOR RURAL AND SUBURBAN
MULTI-LANE ROADWAYS
W/ SHOULDER SECTIONS

Igarrett/Vownloads/Kesurtacing_AdvWarn_Ursu_sniar。dgr :ett

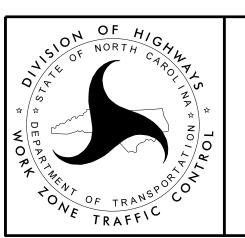
PROJ. REFERENCE NO. SHEET NO. 2024CPT.06.10.10261.1

URBAN / SUBURBAN WORKZONES

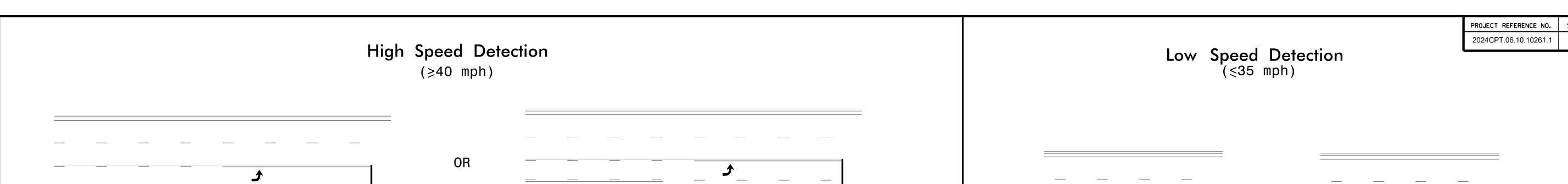


NOTES:

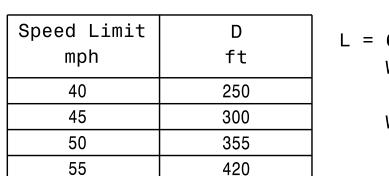
- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. 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



→ □ L2



 $L = 6ft \times 6ft$ Wired in series for TS1 Controllers Wired separately for TS2, 170, and 2070L Controllers

Speed Limit ft 250 80 45 300 90 50 355 100 110

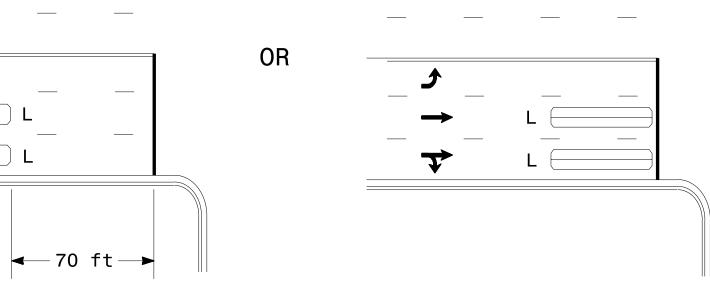
L2 = 6ft X 6ftWired in series

Wired in series

L1 = 6ft X 6ft

"Stretch" Operation

− D2 ----



 $L = 6ft \times 6ft$ Wired in series

L = 6ft X 40ftQuadrupole loop, wired separately

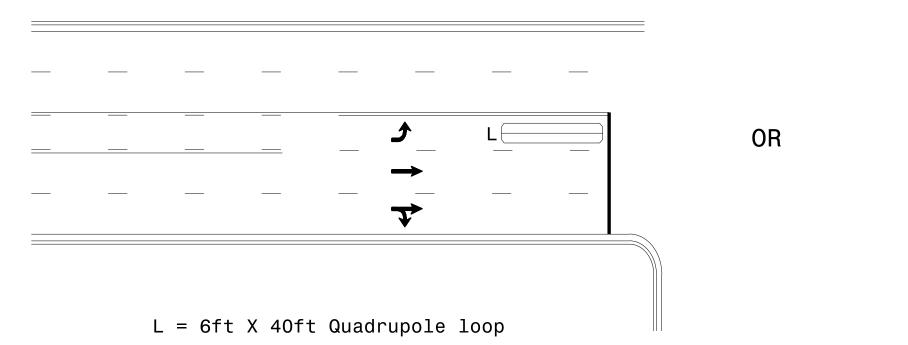
Right Turn Lane Detection

L2 = 6ft X 6ft [Minimum] Presence loop

L1 = 6ft X 40ft Quadrupole loop

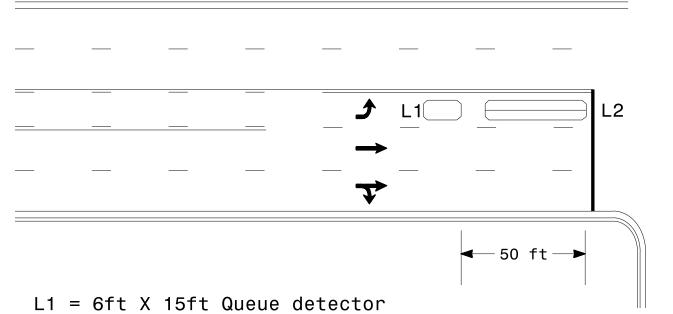
Wired separately

Left Turn Lane Detection



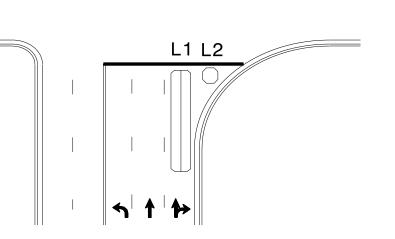
Presence Loop Detection

Volume Density Operation

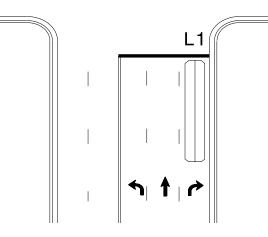


Queue Loop Detection

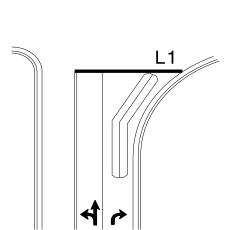
L2 = 6ft X 40ft Quadrupole loop



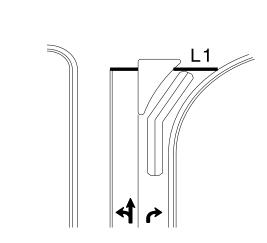
Shared Lane/ Wide Radius Turn



Standard Turn

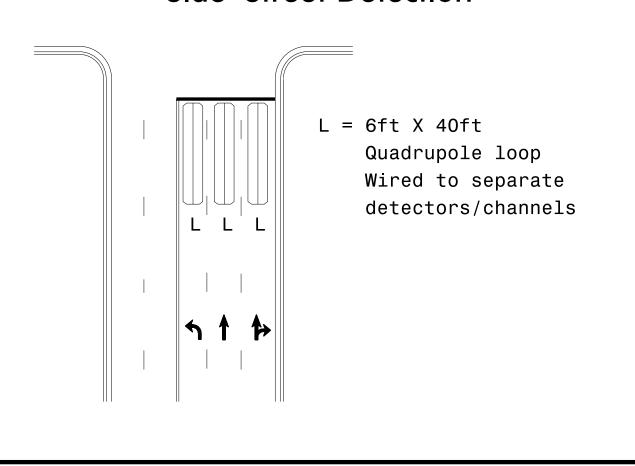


Wide Radius Turn

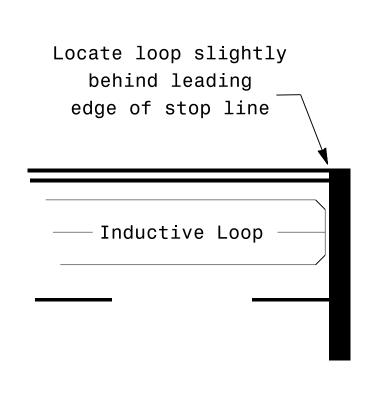


Channelized Turn

Side Street Detection



Presence Loop Placement at Stop Lines



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

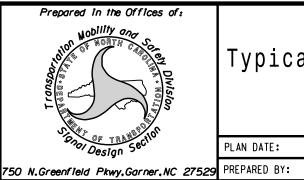
Recommended Number of Turns

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

ion withou ook	oar a cory , i
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: January 2015 REVIEWED BY: REVIEWED BY: PLA REVISIONS INIT. DATE

PL Alexander

SCALE N/A

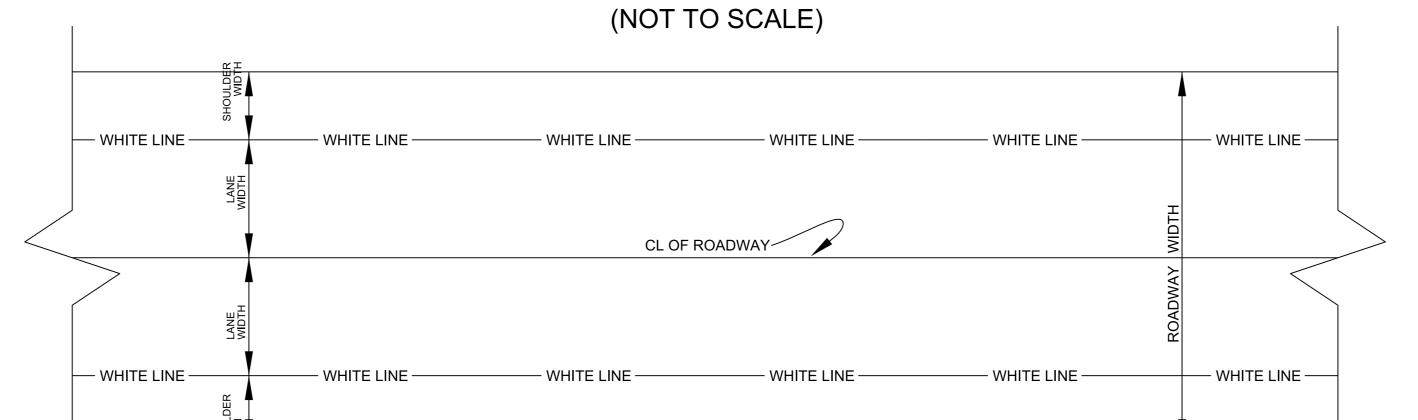
GUIDELINES FOR LANE WIDTHS ON RESURFACING PROJECTS

Contractor shall place the new pavement markings in accordance with this table and detail unless otherwise directed by the Engineer.

TWO LANE - TWO WAY ROADWAY - 55 MPH													
ROADWAY WIDTH LANE WIDTH SHOULDER WID													
18'	9' *	0'											
20'	10' *	0'											
22'	10'	1'											
24'	10'	2'											
26'	11'	2'											
28'	12'	2'											
32'	12'	4'											
* May vary due to pavemen	t width												

TWO LANE - TWO WAY ROADWAY MPH OR LESS													
ROADWAY WIDTH	LANE WIDTH	SHOULDER WIDTH											
18'	9' *	0'											
20'	10' *	0'											
22'	10'	1'											
24'	10'	2'											
26'	11'	2'											
28'	11'	3'											
32'	11'	5'											
* May vary due to pavemer	nt width	'											

SCHEMATIC OF ROADWAY



PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.06.10.10261.1		

SUMMARY OF QUANTITIES

													122000000-E	129700000-E	133000000-E	1523000000-E	1575000000-E	1704000000-E	1840000000-E	2830000000-N	2845000000-N	7324000000-N	7444000000-E	
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE	FINAL	WARM MIX	LENGTH	WIDTH	BEGIN MP	END MP	INCIDENTAL	1½" MILLING	INCIDENTAL	SURFACE	ASPHALT	PATCHING	MILLED	ADJ. OF	ADJ. OF METER	JUNCTION BOX	INDUCTIVE
							TYPE	SURFACE	ASPHALT					STONE BASE		MILLING	COURSE, S9.5C	BINDER FOR	EXISTING	RUMBLE STRIPS	MANHOLES	OR VALVE BOX	(STANDARD	LOOP SAWCUT
								TESTING	REQUIRED									PLANT MIX	PAVEMENT	(ASPHALT			SIZE)	
							F	REQUIRED												CONCRETE)				
										МІ	FT			TONS	SY	SY	TONS	TONS	TONS	LF	EA	EA	EA	LF
				FROM PVMT JT N OF SR2220 TO																				
2024CPT.06.10.1026	1 Cumberland	1	NC-87 N	PVMT JT S OF SR1007	1	2	MD	NO	NO	3.85	30	7.71	11.56		85,184	1,537	7,209	434	31	40,656.00				
TOT	AL FOR MAP NO	D. 1								3.85					85,184	1,537	7,209	434	31	40,656.00				
				FROM PVMNT JT. S OF SR1007 TO																				
2024CPT.06.10.1026	1 Cumberland	2	NC-87 S	PEMNT JT. N OF SR2220	1	2	MD	NO	NO	3.85	30	19.62	23.47		84,656	1,537	7,155	431	36	40,656.00				
TOT	AL FOR MAP NO). 2								3.85					84,656	1,537	7,155	431	36	40,656.00				
				PVMT JT. W OF NC210 TO PVMT JT.																				
2024CPT.06.10.1026	1 Cumberland	3	NC-53	END PROJECT	2	2	2WU	NO	NO	2.62	32	10.23	12.85	93	63,266	2,083	5,447	327	36		1	6	1.00	1,000.00
TOT	AL FOR MAP NO	D. 3								2.62				93	63,266	2,083	5,447	327	36		1	6	1.00	1,000.00
TOTAL FOR PR	OJ NO. 2024CP1	.06.10.102	6.1							10.32				93	233,106	5,157	19,811	1,192	103	81,312.00	1	6	1.00	1,000.00
								•																
	GRAND TOTAL	•	•					•		10.32				93	233,106	5,157	19,811	1,192	103	81,312.00	1	6	1.00	1,000.00

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.06.10.10261.1		

THERMOPLASTIC AND PAINT QUANTITIES

						4413000000-E 4457000000			57000000-N	4685000000-E		4695000000-E	4700000000-E	4709000000-	·E	4725000000-E	E	481000	0000-E	4820000000-E	4835000000-E		4845000000-N		4891000000-E	490000	0000-N			
COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO L	LANES	LANE LE	NGTH \	WIDTH	BEGIN MP	END MP WOR	RK ZONE TI	EMPORARY	4" X 90 M	4" X 90 M	8" X 90 M	12" X 90 M	24" X 90 M	THERMO LT	THERMO RT	THERMO STR	4" YELLOW	4" WHITE	8" WHITE	24" WHITE	PAINT LT	PAINT RT	PAINT STR	GENERIC	CRYSTAL &	YELLOW &
					1	TYPE				ADVA	NCE/GE	TRAFFIC	WHITE	YELLOW	WHITE	YELLOW	WHITE	ARROW 90	ARROW 90	ARROW 90 M	PAINT	PAINT	PAINT	PAINT	ARROW	ARROW	ARROW	MARKING, 4"	RED MARKERS	YELLOW
										NE	ERAL (CONTROL	THERMO	THERMO	THERMO	THERMO	THERMO	M	М									X 90 M WHITE		MARKERS
										WAR	RNING																	THERMO		
										SIG	NING																	(SKIP & MINI		
																												SKIP)		
							MI	FT		:	SF	LS	LF	LF	LF	LF	LF	EA	EA	EA	LF	LF	LF	LF	EA	EA	EA	LF	EA	EA
			FROM PVMT JT N OF SR2220 TO																											
Cumberland	1	NC-87 N	PVMT JT S OF SR1007	1	2	MD :	3.85	30	7.71	11.56 4	431	1.00	20,328	20,328	1,135		25	6	3	8	20,328	26,684	1,135	25	6	3	8	6,356	378	
FOR MAP NO). 1						3.85			4	431	1	20,328	20,328	1,135		25	6	3	8	20,328	26,684	1,135	25	6	3	8	6,356	378	
			FROM PVMNT JT. S OF SR1007 TO																											
Cumberland	2	NC-87 S	PEMNT JT. N OF SR2220	1	2	MD :	3.85	30	19.62	23.47 4	431		20,400	20,328	1,140		25	6	5	8	20,328	26,760	1,140	25	6	5	8	6,360	380	
FOR MAP NO). 2						3.85			4	431		20,400	20,328	1,140		25	6	5	8	20,328	26,760	1,140	25	6	5	8	6,360	380	
		P	VMT JT. W OF NC210 TO PVMT JT.																											
Cumberland	3	NC-53	END PROJECT	2	2	2WU	2.62	32	10.23	12.85	293		28,946	41,339	90	1,300	60	26	25	4	41,339	30,840		60				1,894	105	325
FOR MAP NO). 3						2.62			2	293		28,946	41,339	90	1,300	60	26	25	4	41,339	30,840		60				1,894	105	325
10 2024CBT	06 10 102	c 1				1	0.32			1,	,155	1.000	69,674	81,995	2,365	1,300	110	38	33	20	81,995	84,284	2,275	110	12	8	16	14,610	863	325
TOTAL FOR PROJ NO. 2024CP1.06.10.1026.1												151	,669					91		166	,279				36			1,1	.88	
AND TOTAL						1	0.32			1,	,155	1.000	69,674	81,995	2,365	1,300	110	38	33	20	81,995	84,284	2,275	110	12	8	16	14,610	863	325
AND IOIAL													151	,669					91		166	,279				36			1,1	.88
	Cumberland FOR MAP NC Cumberland FOR MAP NC Cumberland FOR MAP NC	Cumberland 1 FOR MAP NO. 1 Cumberland 2 FOR MAP NO. 2 Cumberland 3 FOR MAP NO. 3 NO. 2024CPT.06.10.102	Cumberland 1 NC-87 N FOR MAP NO. 1 Cumberland 2 NC-87 S FOR MAP NO. 2 Cumberland 3 NC-53 FOR MAP NO. 3 NO. 2024CPT.06.10.1026.1	Cumberland 1 NC-87 N PVMT JT N OF SR2220 TO PVMT JT S OF SR1007 FOR MAP NO. 1 Cumberland 2 NC-87 S PEMNT JT. N OF SR2220 FOR MAP NO. 2 Cumberland 3 NC-53 FOR MAP NO. 3 NO. 2024CPT.06.10.1026.1	Cumberland 1 NC-87 N PVMT JT N OF SR2220 TO PVMT JT S OF SR1007 1 FOR MAP NO. 1 Cumberland 2 NC-87 S PEMNT JT. N OF SR2220 1 FOR MAP NO. 2 Cumberland 3 NC-53 PVMT JT. W OF NC210 TO PVMT JT. END PROJECT 2 FOR MAP NO. 3 NO. 2024CPT.06.10.1026.1	Cumberland 1 NC-87 N PVMT JT N OF SR2220 TO FOR MAP NO. 1 Cumberland 2 NC-87 S PEMNT JT. S OF SR1007 TO Cumberland 2 NC-87 S PEMNT JT. N OF SR2220 1 2 FOR MAP NO. 2 Cumberland 3 NC-53 PVMT JT. W OF NC210 TO PVMT JT. END PROJECT 2 2 FOR MAP NO. 3 NO. 2024CPT.06.10.1026.1	Cumberland 1 NC-87 N PVMT JT N OF SR2220 TO 1 2 MD FOR MAP NO. 1 FROM PVMT JT. S OF SR1007 TO 2 MD FOR MAP NO. 2 PVMT JT. N OF SR2220 1 2 MD FOR MAP NO. 3 PVMT JT. W OF NC210 TO PVMT JT. Cumberland 3 NC-53 END PROJECT 2 2 2WU FOR MAP NO. 3 NO. 2024CPT.06.10.1026.1	MI	MI FT MI MI FT MI MI MI MI MI MI MI M	Mil FT FROM PVMT JT N OF SR2220 TO Mil FT Mil FT Mil FT Mil FT Mil FT Mil FOR MAP NO. 1 Mil FT Mil FOR MAP NO. 2 Mil FROM PVMT JT S OF SR1007 TO Mil FROM PVMT JT. N OF SR2220 Mil Mil FROM MIL FROM PVMT JT. N OF SR2220 Mil Mil FROM	COUNTY	COUNTY	TYPE	COUNTY	COUNTY MAP NO ROUTE DESCRIPTION TYP NO LANES LANE LENGTH WIDTH BEGIN MP END MP ADVANCE/GE NERAL WHITE THEMO TH	COUNTY MAP NO ROUTE DESCRIPTION TYP NO LANES LANE LENGTH WIDTH BEGIN MP AVANCE/GE NERAL WARNING SIGNING NERAL WARNING SIGNING NERAL WARNING NERAL WHITE THERMO THERM	COUNTY MAP NO ROUTE DESCRIPTION TYP NO LANES LANE LANE	COUNTY MAP NO ROUTE DESCRIPTION TYP NO LANES LANE TYPE LANE LENGTH WIDTH BEGIN MP END MP ADVANCE/GE TRAFFIC CONTROL TRAFFIC CONTROL THERMO THE	COUNTY MAP NO ROUTE DESCRIPTION TYP NO LANES LANE LENGTH WIDTH BEGIN MP ADVANCE/GE NEAD ADVANCE/GE TEMPORARY ADVAN	COUNTY MAP NO ROUTE	COUNTY MAP NO ROUTE DESCRIPTION	COUNTY MAP NO ROUTE DESCRIPTION TYP NO LANES LANE LENGTH WIDTH FOR ADVANCE/GE TRAFFIC CONTROL WARNING SIGNING CONTROL TRAFFIC CONTROL WARNING SIGNING CONTROL THERMO THERMO THERMO THERMO THERMO THERMO THERMO THERMO THERMO THERMO THERMO THERMO THERMO THERMO THERMO THERMO THERMO THERMO THERMO TH	COUNTY MAP NO ROUTE	COUNTY MAP NO ROUTE	COUNTY MAP NO ROUTE DESCRIPTION TYPE OF LANES LANE LENGTH TYPE LANE LENGTH TYPE LANE LENGTH TYPE LANE LENGTH WIDTH BEGIN MP END MP ADVANCE/GE TRAFFIC CONTROL WHITE THERMO THERMO SIGNING MI FT SF LS LF	COUNTY MAP NO ROUTE DESCRIPTION TYP NO LANS LANS LENGTH WIDTH BEGIN MP LOW ADVANCE/GE NEAD ADV	COUNTY MAP NO ROUTE DESCRIPTION TYP NO LANES AND ELEGISH WITH TYPE ARROW ARROW SIGNING THERMO	COUNTY MAP NO ROUTE DESCRIPTION TYP NO LANES LANE LENTH WITH SEGINM PORT OF THE PROPERTY OF TH	COUNTY MAP NO ROUTE DESCRIPTION TYP NO LANS LANE LENGTH WIDTH BEIN MP ROUTH PORTY PORTY PORTY PAINT PA	COUNTY MAP NO ROUTE DESCRIPTION TYP NO LANE LINGTH WIDTH REGISTER WID