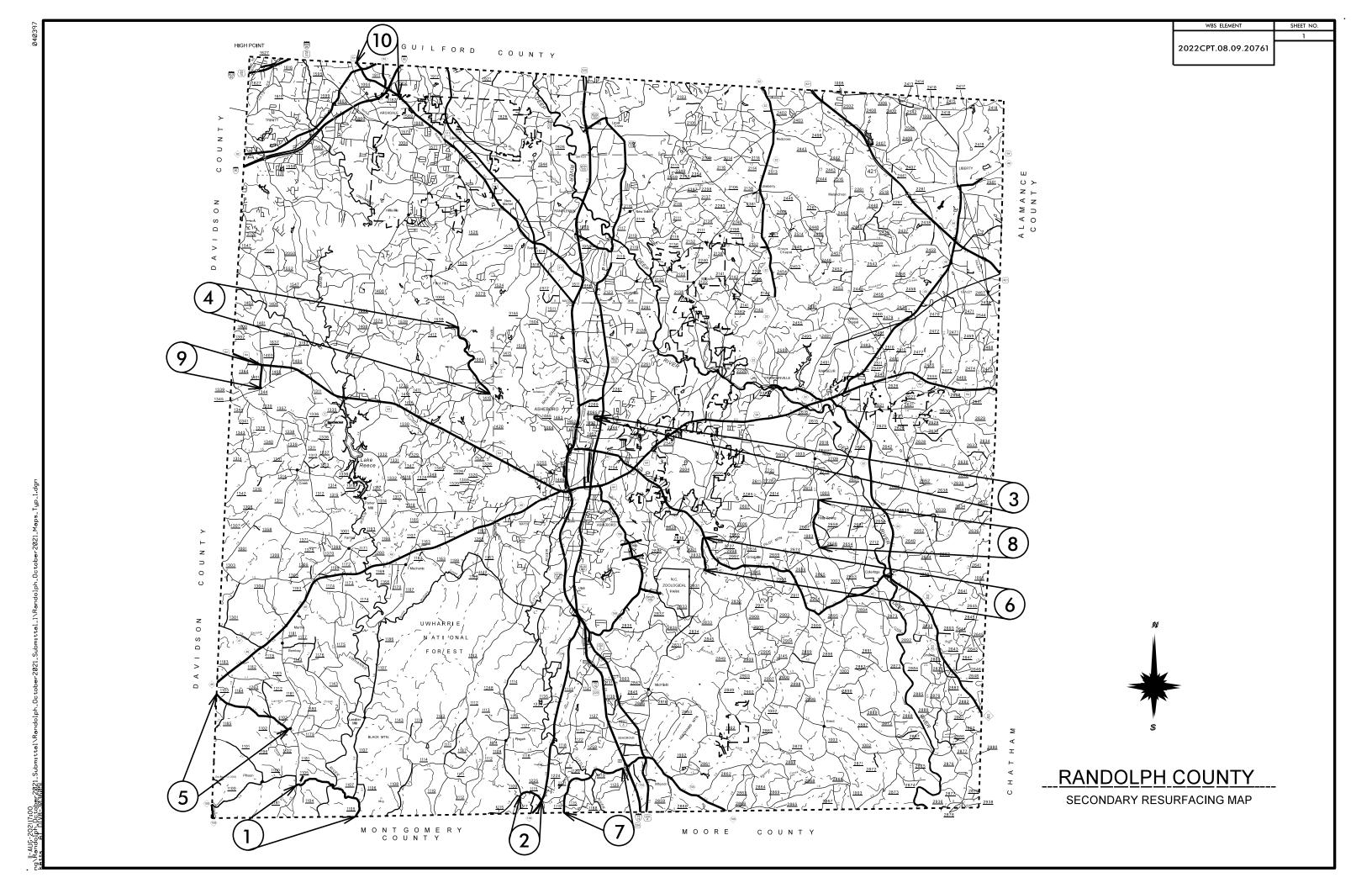
This electronic collection of documents is provided for the convenience of the user and is Not a Certified Document –

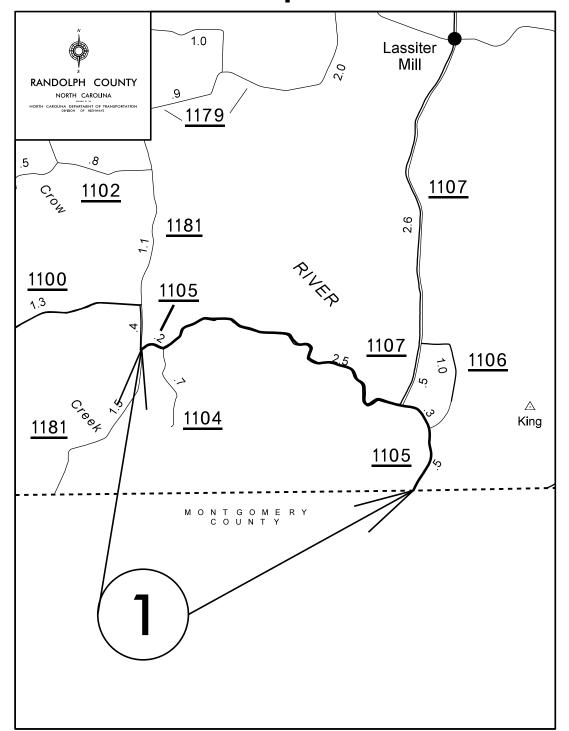
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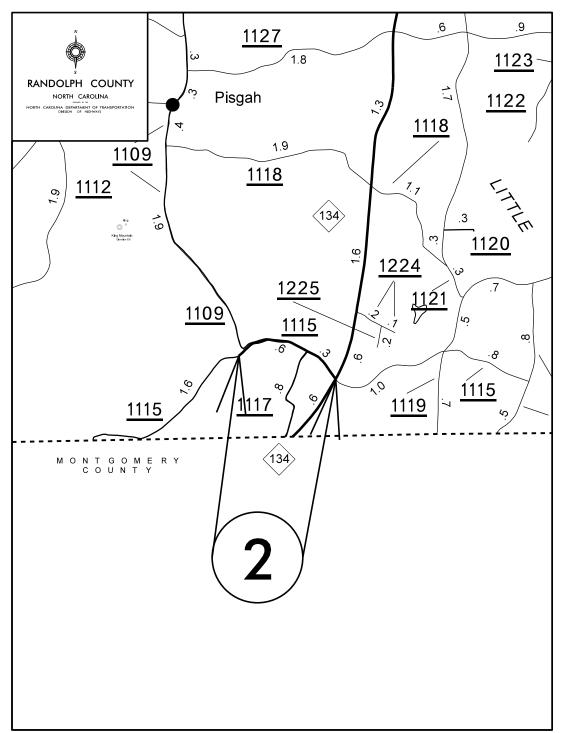


2022CPT.08.09.20761

Map 1

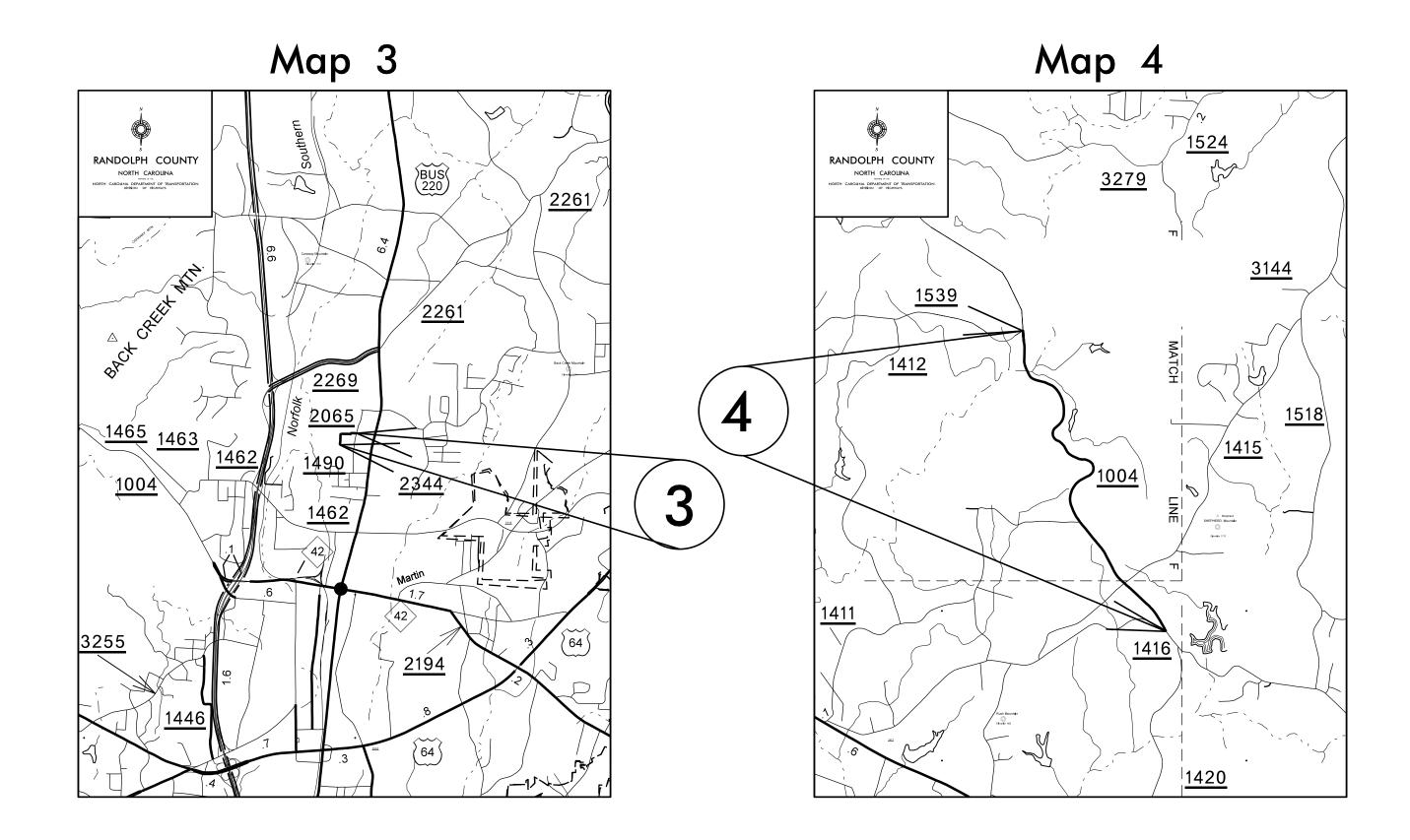


Map 2



021.Submittal\Randolph_October2021.Submittal.1\Randolph_October2021.Maps.Typ_1.dgn

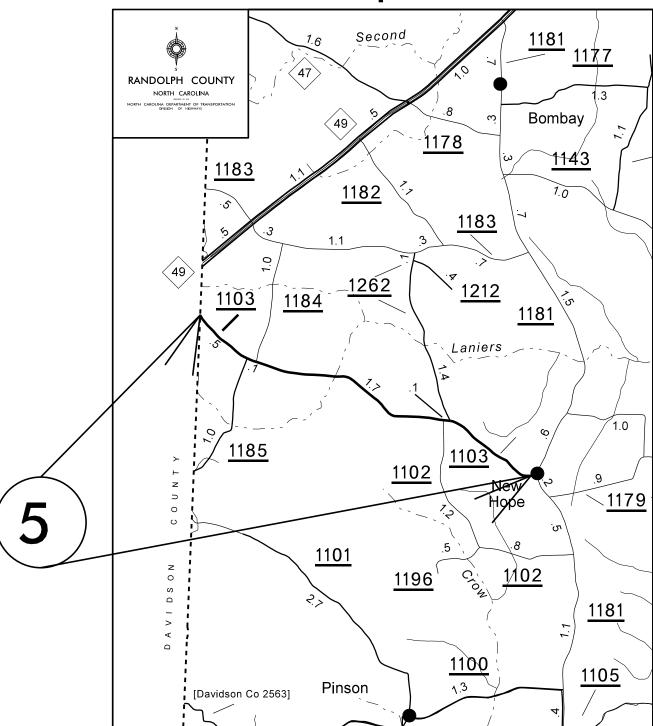
2022CPT.08.09.20761



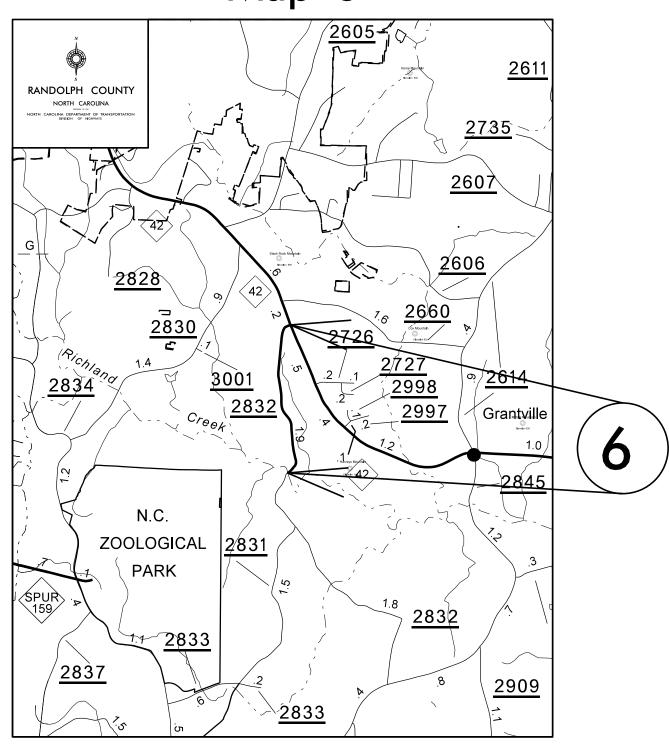
WBS ELEMENT SHEET NO.

4
2022CPT.08.09.20761

Map 5

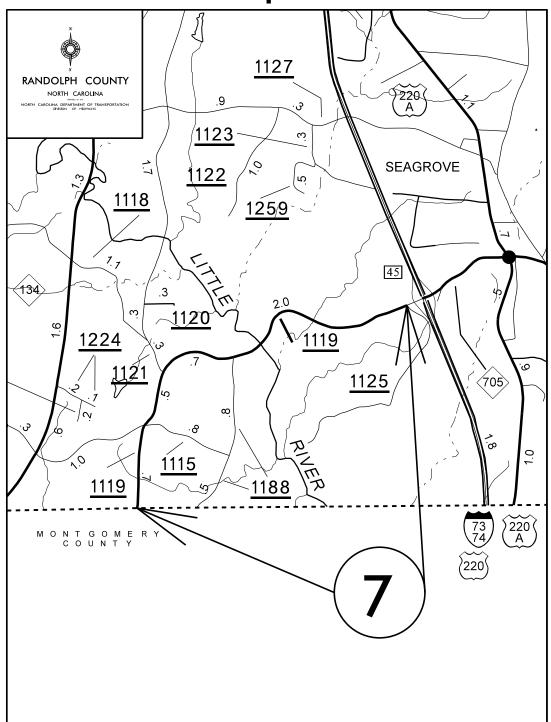


Map 6

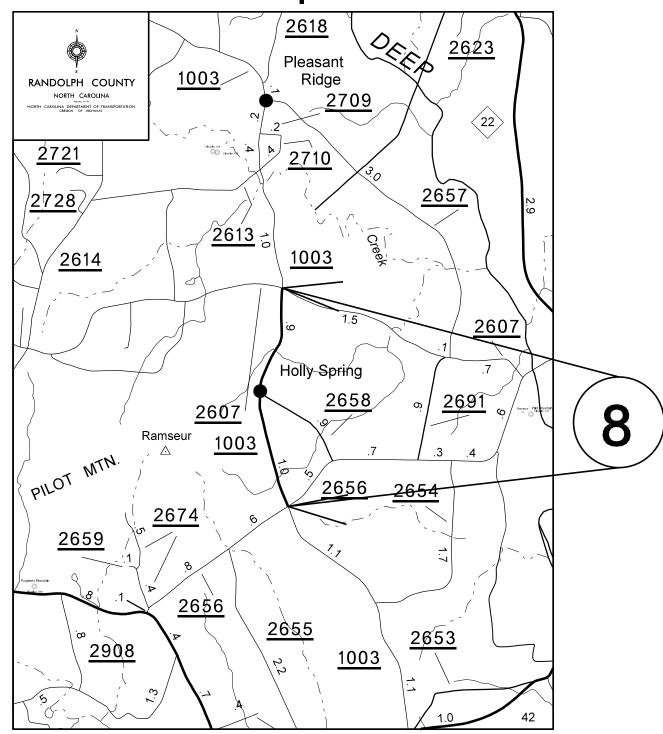


2022CPT.08.09.20761



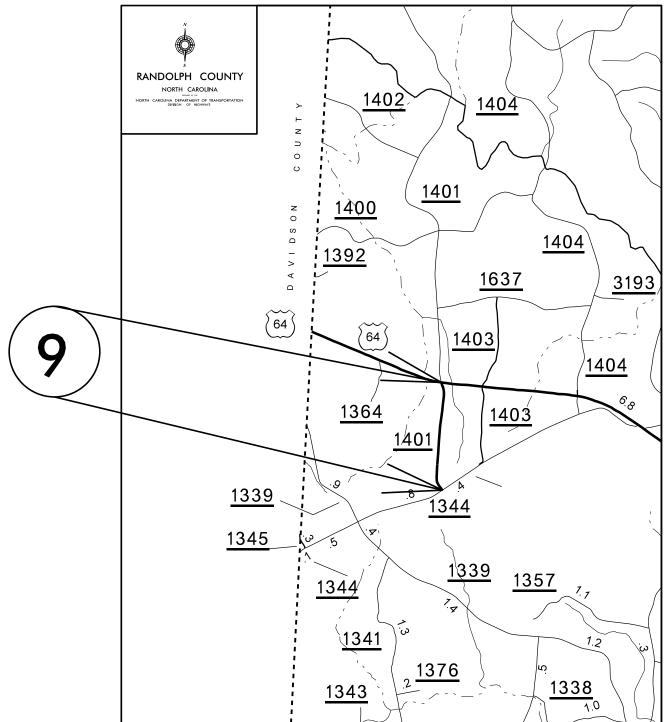


Map 8

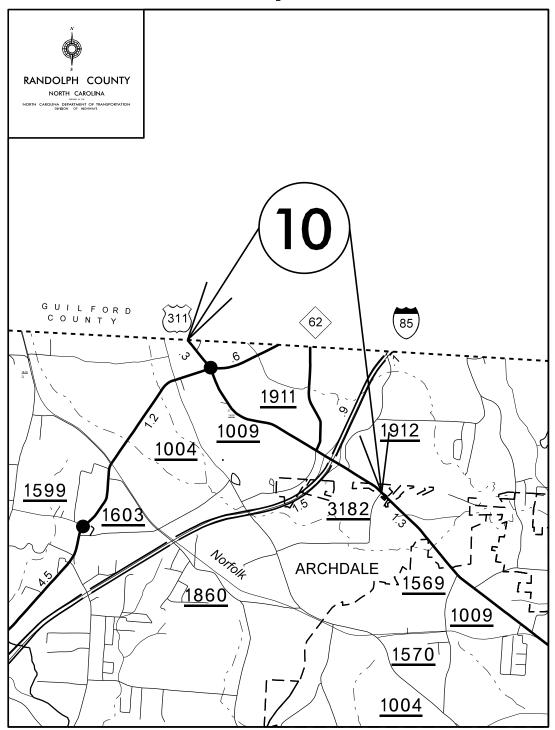


2022CPT.08.09.20761

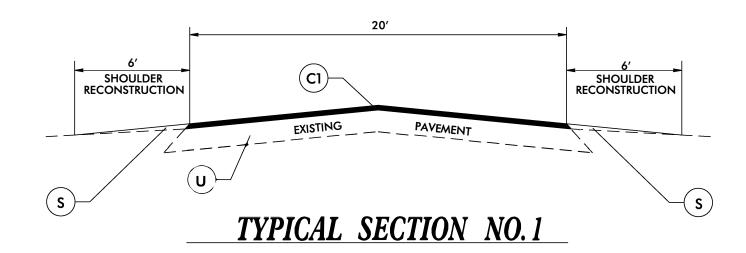


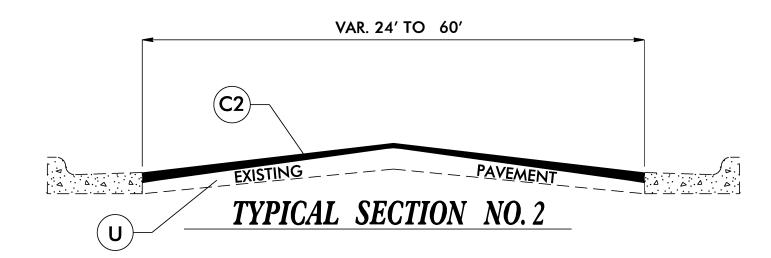


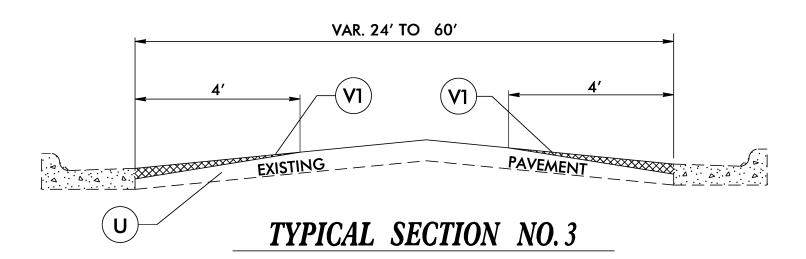
Map 10



WBS ELEMENT SHEET NO.
7
2022CPT.08.09.20761

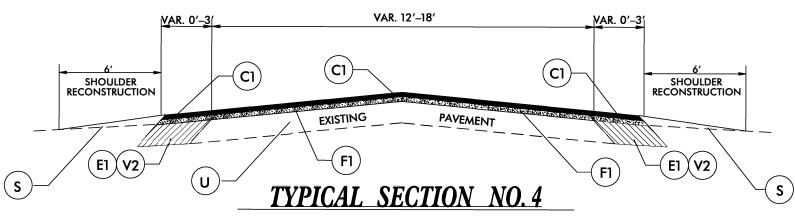






	PAVEMENT SCHEDULE
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE \$9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE \$9.5C, AT AN AVERAGE RATE OF 168 LBS. PER \$Q. YD.
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
F1	PROPOSED ASPHALT SURFACE TREATMENT, MAT COAT WITH #67 STONE
S	AGGREGATE SHOULDER BORROW
U	EXISTING PAVEMENT.
V1	MILLING 0" TO 1.5" IN DEPTH
V2	TRENCHING FOR BASE COURSE (SEE S.P.)

WBS ELEMENT	SHEET NO.
	8
2022CPT.08.09.20761	

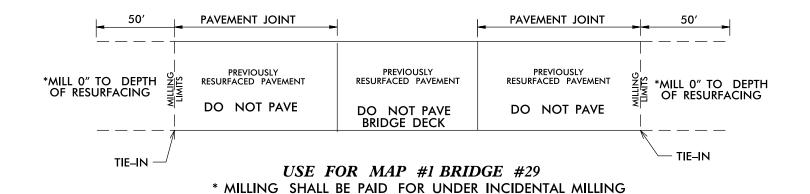


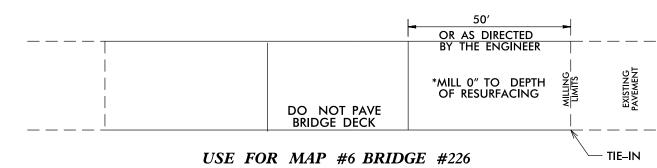
NOTE: USE FOR MAP NO. 3 WIDENING EXISTING PAVEMENT TO MINIMUM 18' WIDTH

	PAVEMENT SCHEDULE
C 1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE \$9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
F1	PROPOSED ASPHALT SURFACE TREATMENT, MAT COAT WITH #67 STONE
S	AGGREGATE SHOULDER BORROW
	[
U	EXISTING PAVEMENT.
V1	MILLING 0" TO 1.5" IN DEPTH
V2	TRENCHING FOR BASE COURSE (SEE S.P.)

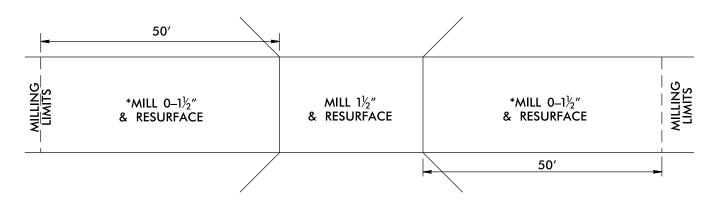
WBS ELEMENT SHEET NO.
9
2022CPT.08.09.20761

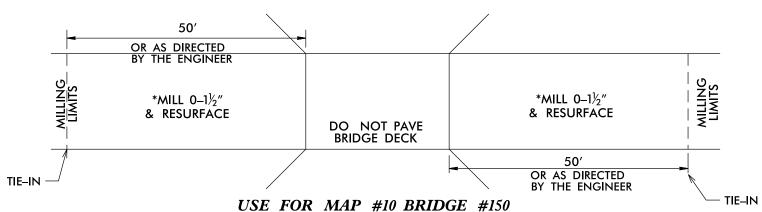
BRIDGE DETAILS





* MILLING SHALL BE PAID FOR UNDER INCIDENTAL MILLING





USE FOR MAP #4 BRIDGE #50 USE FOR MAP #7 BRIDGE #2

* MILLING FOR APPROACHES SHALL BE PAID FOR UNDER INCIDENTAL MILLING

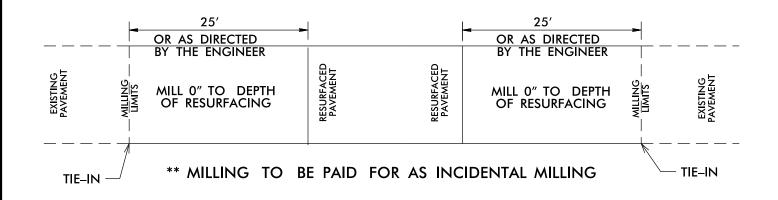
* MILLING SHALL BE PAID FOR UNDER INCIDENTAL MILLING

WBS ELEMENT SHEET NO.

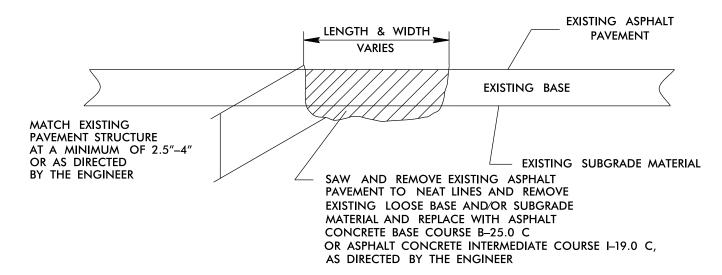
10

2022CPT.08.09.20761

PAVEMENT TIE-IN DETAIL



DETAILS OF PATCHING EXISTING PAVEMENT PRIOR TO RESURFACING

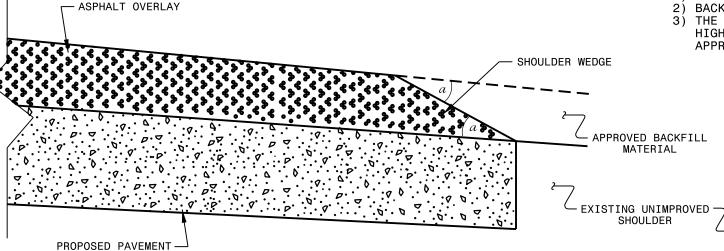


PROJECT NOTES

- FINAL PAVEMENT MARKINGS TO BE HANDLED BY STATE FORCES ON MAPS 1–9.
- PAINT AND LINE REMOVAL ON MAP NO. 10
 ARE FOR BRIDGE DECK.

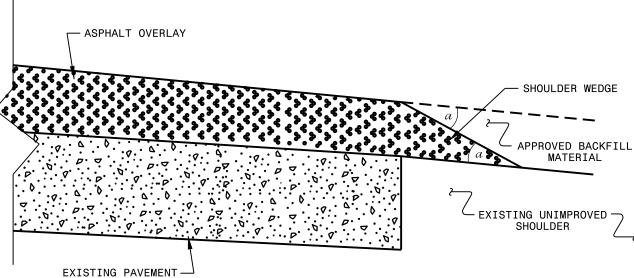
NOTES:

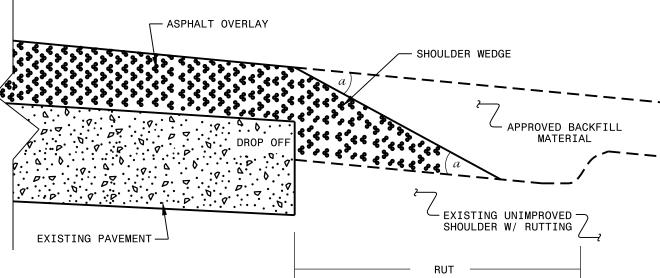
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
- 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ Widening or with Existing Paved Shoulder having no dropoffs)





SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ NO Widening)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT Office 919-707-6950 FAX 919-250-4119

SHOULDER WEDGE **DETAILS**

ORIGINAL BY:	T.SPELL	DATE:	7-19-11
MODIFIED BY:		DATE	2/2/16
CHECKED BY:		DATE:	
FILE SPEC s:u	sr/details/stand/	shoulderwedge	detail dgn

SHOULDER WEDGE DETAIL

(Resurfacing Adjacent to Rutted Shoulder)

PROJECT NO.	SHEET NO.	TOTAL NO.
022CPT.08.09.20761	12	

SUMMARY OF QUANTITIES

							1245000000-E	1260000000-E			1330000000-E	1491000000-E	1519000000-	E 1523000000-I	E 1575000000-I	E 1704000000	-E 1775500000-E	1838000000-E	1838500000-N	2143000000-E	2549000000-	E 2591000000-E	2600000000-1	N 2613000000-N	2759000000-N	2830000000-N	2845000000-N	5255000000-N	7444000000-E	7456000000-E
PROJECT NO COUNTY MAP NO	ROUTE	DESCRIPTION	TYP NO LANES LANE			LENGTH WIDTH			1.5" MILLING		INCIDENTAL	BASE	SURFACE	SURFACE	ASPHALT	PATCHING		EMULSION	VACUUM	BLOTTING		4" CONCRETE				ADJUST	ADJUST	PORTABLE	INDUCTIVE	LEAD-IN
			TYPE	SURFACE			RECONSTRUCTI	SHOULDER		MILLING	MILLING	COURSE,	COURSE,	COURSE,	BINDER FOR			FOR ASPHALT	TRUCK	SAND	GUTTER	SIDEWALK	EXISTING	REPLACE	PAVING ITEM -	MANHOLES	METER OR	LIGHTING	LOOP	CABLE (14-2
				TESTING	REQUIRED		ON	BORROW				B25.0C	S9.5B	S9.5C	PLANT MIX	PAVEMENT	TREATMENT,	SURFACE					CURB RAMP	CURB RAMPS	REMOVE		VALVE BOX		SAWCUT	PAIR)
				REQUIRED													MATCOAT,	TREATMENT							CURB RAMP					
																	#67 STONE													
						MI FT	SMI	TON	SY	SY	SY	TONS	TONS	TONS	TONS	TONS	SY	GAL	WK	TON	LF	SY	EA	EA	EA	EA	EA	LS	LF	LF
		(FROM: SR1181 NEW HOPE RD. TO																												
		MONTGOMERY COUNTY LINE.)	1 2 2WU	NO	NO	3.56 20	7.12	1,000.00			520		3,870		259	200														
TOTAL FOR MAP	NO. 1					3.56	7.12	1,000.00			520		3,870		259	200														
		(FROM: NC HWY 134 TO: PAVEMENT																												
2022CPT.08.09.20761 Randolph 2		JOINT PAST SR -1109 PISGAH RD)	1 2 2WU	NO	NO	0.94 20	1.88	264.00			520		1,089		73	80														
TOTAL FOR MAP	NO. 2					0.94	1.88	264.00			520		1,089		73	80														
		(FROM: SR-1490 NORTHSIDE TER. TO	ם כ																											
2022CPT.08.09.20761 Randolph 3		END OF MAINTENANCE)	4 2 2WU	NO	NO	0.3 18	0.60	92.40			520	397	375		43	200	3,485	1,394	1	10										
TOTAL FOR MAP	NO. 3					0.3	0.60	92.40			520	397	375		43	200	3,485	1,394	1	10										
		(FROM: SR1539 EARNHARDT RD. TO):																											
2022CPT.08.09.20761 Randolph 4		SR 1416 OLD LEXINGTON RD.)	1 2 2WU	NO	NO	3.81 20	7.62	1,067.00	548		1,142		4,317		289	367														
TOTAL FOR MAP	NO. 4					3.81	7.62	1,067.00	548		1,142		4,317		289	367														
		(FROM:DAVIDSON COUNTY TO: SR																												
2022CPT.08.09.20761 Randolph 5		1181 NEW HOPE RD.)	1 2 2WU	NO	NO	3.22 20	6.44	905.00			858		3,500		235	80														
TOTAL FOR MAP	NO. 5					3.22	6.44	905.00			858		3,500		235	80														
		(FROM: BRIDGE 0226 TO: NC HWY 42	2																											
2022CPT.08.09.20761 Randolph 6		SOUTH)	1 2 2WU	NO	NO	1.28 20	2.56	360.00			429		1,429		96	100														
TOTAL FOR MAP	NO. 6					1.28	2.56	360.00			429		1,429		96	100														
		(FROM: SR 1125 MAPLE SPRINGS RD																												
2022CPT.08.09.20761 Randolph 7		TO: MONTGOMERY COUNTY LINE)	1 2 2WU	NO	NO	3.48 20	6.96	978.00	1,353		207		3,969		266	150														
TOTAL FOR MAP	NO. 7					3.48	6.96	978.00	1,353		207		3,969		266	150														
		(FROM: SR 2656 HINSHAW TOWN RE																												
2022CPT.08.09.20761 Randolph 8		TO: SR 2607 BUFFALO FORD RD.)	1 2 2WU	NO	NO	1.86 20	3.72	522.00			520		2,069		139	300														
TOTAL FOR MAP	NO. 8					1.86	3.72	522.00			520		2,069		139	300														
		(FROM: US HWY 64 W TO: SR 1344																												
2022CPT.08.09.20761 Randolph 9		OLD US HWY 64)	1 2 2WU	NO	NO	0.89 20	1.78	250.00			390		1,013		68	100														
TOTAL FOR MAP	NO. 9					0.89	1.78	250.00			390		1,013		68	100														
		(FROM: SR 3182 COMANCHE RD. TO											1									1						_		
2022CPT.08.09.20761 Randolph 10		GUILFORD COUNTY LINE)	2,3 4 MU	NO	NO	2.1 60				5,986	3,575		1	8,537	512	200					50	55	6	59	3	51	13	1	240	240
TOTAL FOR MAP						2.1				5,986	3,575			8,537	512	200					50	55	6	59	3	51	13	1	240	240
TOTAL FOR PROJ NO. 2022	CPT.08.09.20761				-	21.44	38.68	5,438.40	1,901	5,986	8,681	397	21,631	8,537	1,980	1,777	3,485	1,394	1	10	50	55	6	59	3	51	13	1	240	240
					-																	 	-							
GRAND TOTA	AL	1		ļ	1	21.44	38.68	5,438.40	1,901	5,986	8,681	397	21,631	8,537	1,980	1,777	3,485	1,394	1	10	50	55	6	59	3	51	13	1	240	240

PROJECT NO.	SHEET NO.	TOTAL NO.
22CPT.08.09.20761	13	

THERMOPLASTIC AND PAINT QUANTITIES

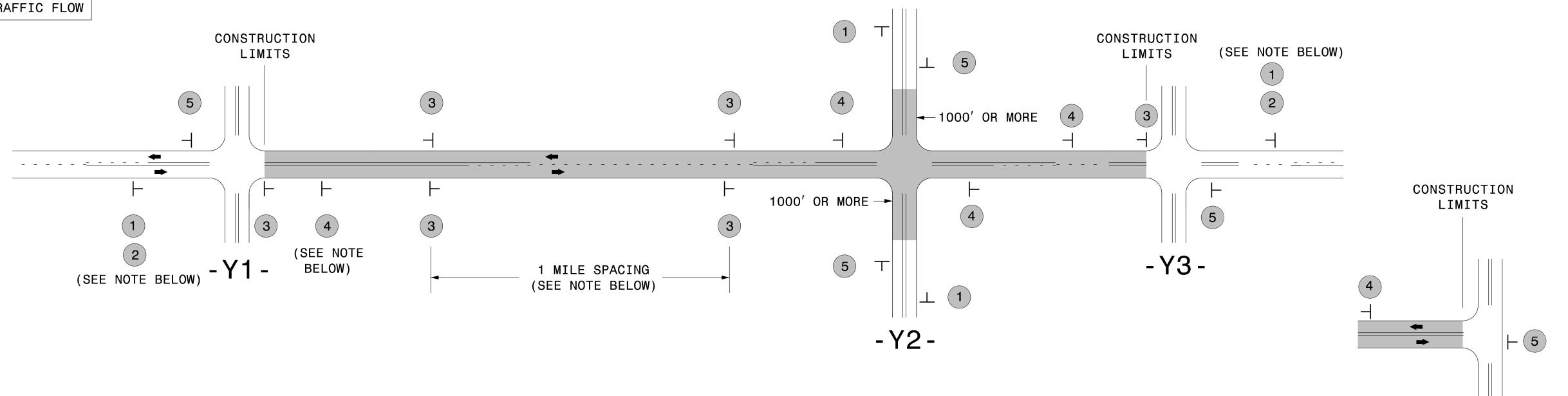
											L 17 141	O 1 L	7311	C AII	<i>U</i> 1 7	4 1 14 1	QUA		1 L 3													
									E 4457000000-N	4510000000-N	46850	00000-E	46950	00000-E		472000				4725000000-E		481000			4845000000-	N 4850000000-E	4860000000-	E 4875000000-N	4891000000-E	4895000000-N		
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO LAN	ES LANE LE	NGTH V	VIDTH WORK ZONE		LAW	4" X 90 M	4" X 90 M				THERMO				THERMO STR T		4" WHITE	4" YELLOW	8" YELLOW	PAINT LT	4" LINE	8" LINE	REMOVAL OF		GENERIC	GENERIC	GENERIC
						TYPE		ADVANCE/GE	TRAFFIC	ENFORCEMEN	WHITE	YELLOW	WHITE	YELLOW	MSG ONLY	MSG TO 90			ARROW	ARROW 90 &		PAINT	PAINT	PAINT	ARROW	REMOVAL	REMOVAL	PAVEMENT	PAVEMENT	PAVEMENT	PAVEMENT	PAVEMENT
								NERAL	CONTROL	T	THERMO	THERMO	THERMO	THERMO	90 M	M	90 M	90 M	90 M	M	90 M							MARKING	MARKING	MARKING	MARKING	MARKING
								WARNING																				SYMBOLS &	ITEM - 24" X	ITEM - IN-	ITEM - NON-	ITEM - NON-
								SIGNING																				CHARACTERS	90 M WHITE	LANE ROUTE	CAST IRON	CAST IRON
																													THERMO	SHIELDS	SNOWPLOWA	SNOWPLOWA
																															BLE (Y & Y)	BLE (C & R)
							MI	FT SF	LS	HR	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	LF	LF	LF	EA	LF	LF	EA	LF	EA	EA	EA
				(FROM: SR1181 NEW HOPE RD. TO																												
2022CPT.08.09.20761	Randolph	h 1	SR 1105 BURNEY MILL RD.	MONTGOMERY COUNTY LINE.)	1 2	2WU S	3 56	20 392																								
2022011.00.03.20701		TAL FOR MAP		WONTGOWERT COOKTT EINE.	1 2		3.56	392	+																							
									1																							
				(FROM: NC HWY 134 TO: PAVEMENT																												
2022CPT.08.09.20761				JOINT PAST SR -1109 PISGAH RD)	1 2	2WU (_																							
	TOT	TAL FOR MAP					0.94	105	4																							
2022007 00 00 20764	Daniel alaka			(FROM: SR-1490 NORTHSIDE TER. TO		204/11	0.2	18																								
2022CPT.08.09.20761		TAL FOR MAP		END OF MAINTENANCE)	4 2	2WU	0.3	18	+																							
	101	IAL FUR WAP		(FROM: SR1539 EARNHARDT RD. TO:			0.3		+																							
2022CPT.08.09.20761	Randolph	h 4	SR 1004 CARAWAY MTN. RD.	SR 1416 OLD LEXINGTON RD.)	1 2	2WU :	3.81	20 427																								
2022011100103120701		TAL FOR MAP		SICT TO GED EESMINGT GIVING.			3.81	427	+																							
				(FROM:DAVIDSON COUNTY TO: SR																												
2022CPT.08.09.20761	Randolph	h 5	SR 1103 VOLUNTEER RESCUE RD.	1181 NEW HOPE RD.)	1 2	2WU	3.22	20 373																								
	TOT	TAL FOR MAP				:	3.22	373	*																							
				(FROM: BRIDGE 0226 TO: NC HWY 42																												
2022CPT.08.09.20761			SR 2832 FAIRVIEW FARM RD.	SOUTH)	1 2	2WU :		20 144																								
	тот	TAL FOR MAP	NO. 6				1.28	144	+																							
				(FROM: SR 1125 MAPLE SPRINGS RD.																												
2022CPT.08.09.20761	Randolph	h 7	SR 1119 LITTLE RIVER RD.	TO: MONTGOMERY COUNTY LINE)	1 2	2WU S	3 48	20 340																								
2022011100103120701		TAL FOR MAP		TO: MONTOOMENT COOKET EINE)			3.48	340	+																							
				(FROM: SR 2656 HINSHAW TOWN																												
2022CPT.08.09.20761	Randolph	h 8	SR 1003 HOLLY SPRING RD.	RD. TO: SR 2607 BUFFALO FORD RD.)	1 2	2WU	1.86	20 209																								
	TOT	TAL FOR MAP	NO. 8				1.86	209																								
				(FROM: US HWY 64 W TO: SR 1344																												
2022CPT.08.09.20761			SR 1401 KENNEDY FARM RD S	OLD US HWY 64)	1 2		0.89	20 100																								
	тот	TAL FOR MAP		(50011 50 0102 0011110U5 00 TO			0.89	100	+					-										1				1				
2022CPT.08.09.20761	Dandalala	h 10	SR-1009 S. MAIN ST.	(FROM: SR 3182 COMANCHE RD. TO: GUILFORD COUNTY LINE)	2,3 4		2.1	60 235	1	280	8,360	25,889	320	260	24	4	-	_	80	24		530	2,260	102		1,395	51		623		235	235
2022CP1.08.09.20/61		AL FOR MAP		GOILFORD COUNTY LINE)	2,3 4		2.1	235	+	280 280	8,360 8,360	25,889 25,889	320 320	260 260	24	4	5	5	80 80	24 24	6	530 530	2,260 2,260	102 102	8	1,395 1,395	51 51	4	623 623	6	235	235 235
							1.44	2,325	1	280	8,360	25,889	320	260	24	4	5	5	80	24	6	530	2,260	102	8	1,395	51	4	623	6	235	235
тот	AL FOR PR	ROJ NO. 2022	CPT.08.09.20761					,				,249		580			8			110			790			,						70
										,		,		,	1				,				,				,			,		,
		GRAND TOTA	AL			2	1.44	2,325	1	280		25,889	320		24	4	5	5	80	24	6	530	2,260	102	8	1,395	51	4	623	6	235	235
											34	,249	!	580		3	8			110		2,7	790								4	70

PROJ. REFERENCE NO. SHEET NO. 2022CPT.08.09.20761 TMP-1

SIGNING FOR RESURFACING PROJECTS



← DIRECTION OF TRAFFIC FLOW



TEE INTERSECTION

MAINLINE (-L-) SIGNING

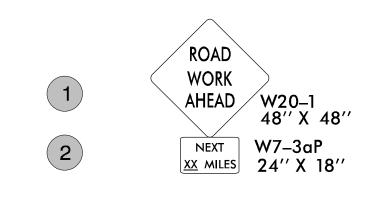
-Y- LINE SIGNING

NOTES AND ER DIRECTION

5

IGNIN

SO



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

#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH.
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 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 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.



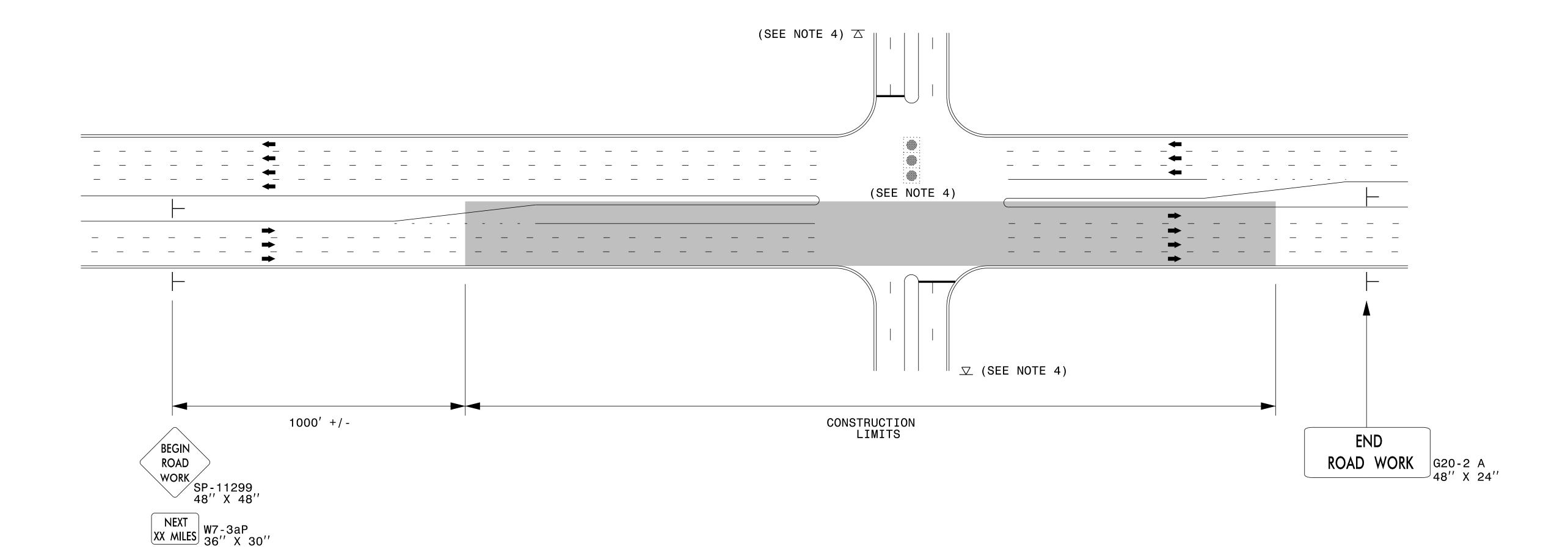
PLACED 250' IN ADVANCE
OF FLAGGER.



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

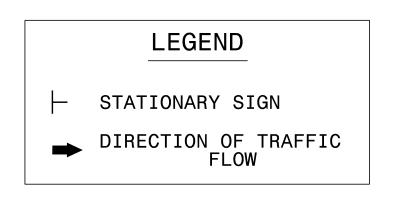
PROJ. REFERENCE NO. SHEET NO. 2022CPT.08.09.20761 TMP-2

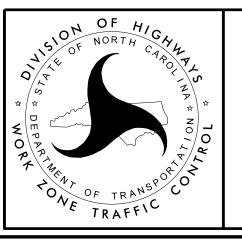
URBAN / SUBURBAN WORKZONES



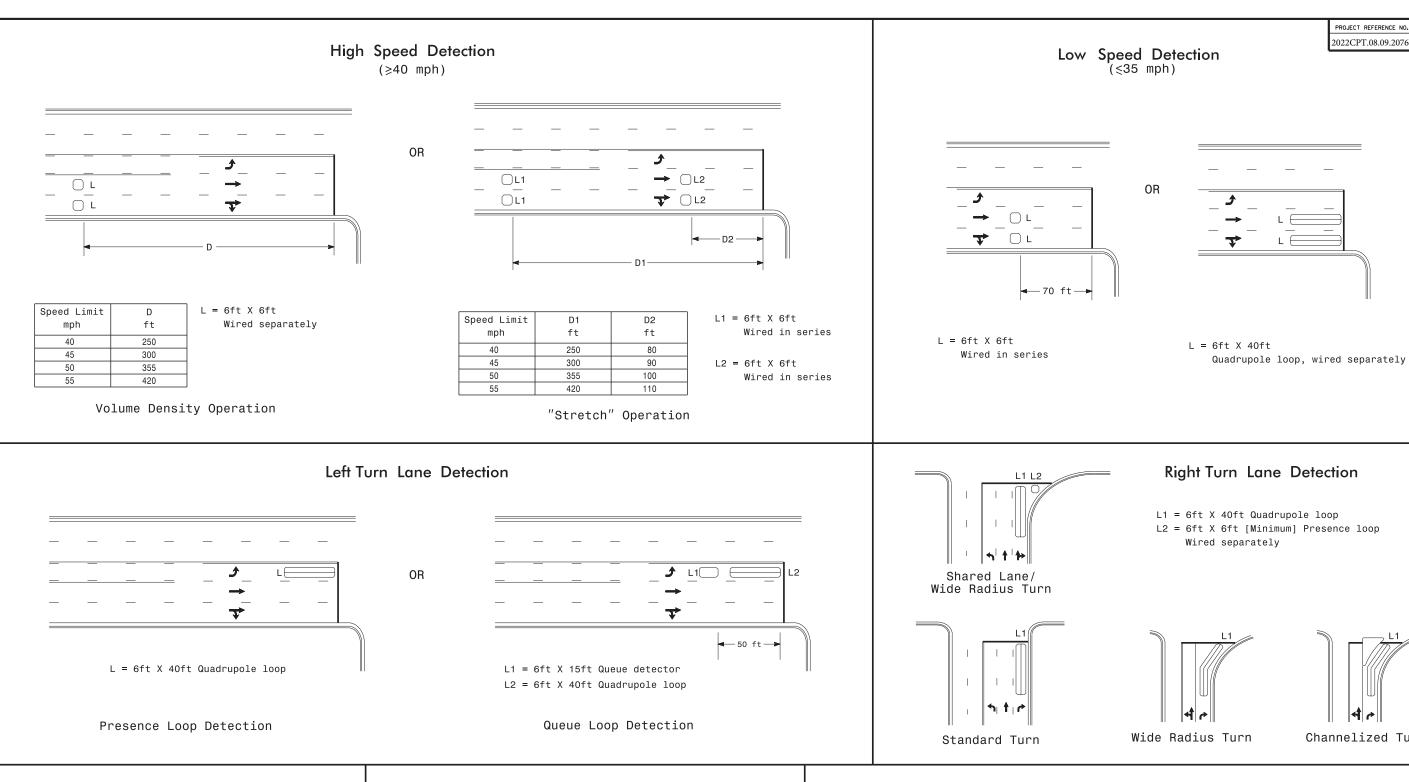
NOTES:

- 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.

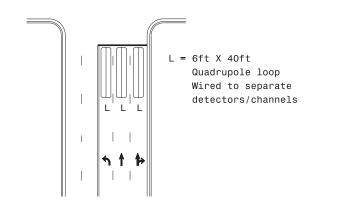




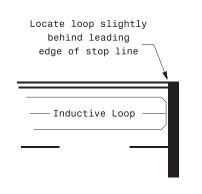
RESURFACING ADVANCE
WARNING SIGNS FOR
URBAN / SUBURBAN
FACILITIES







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

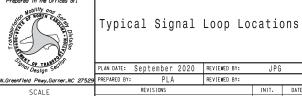
N/A

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

Channelized Turn

PROJECT REFERENCE NO. 2022CPT.08.09.20761 SIG-1