

WBS NO: 2026CPT.01.12.10371, ETC.

CONTRACT: DA00663

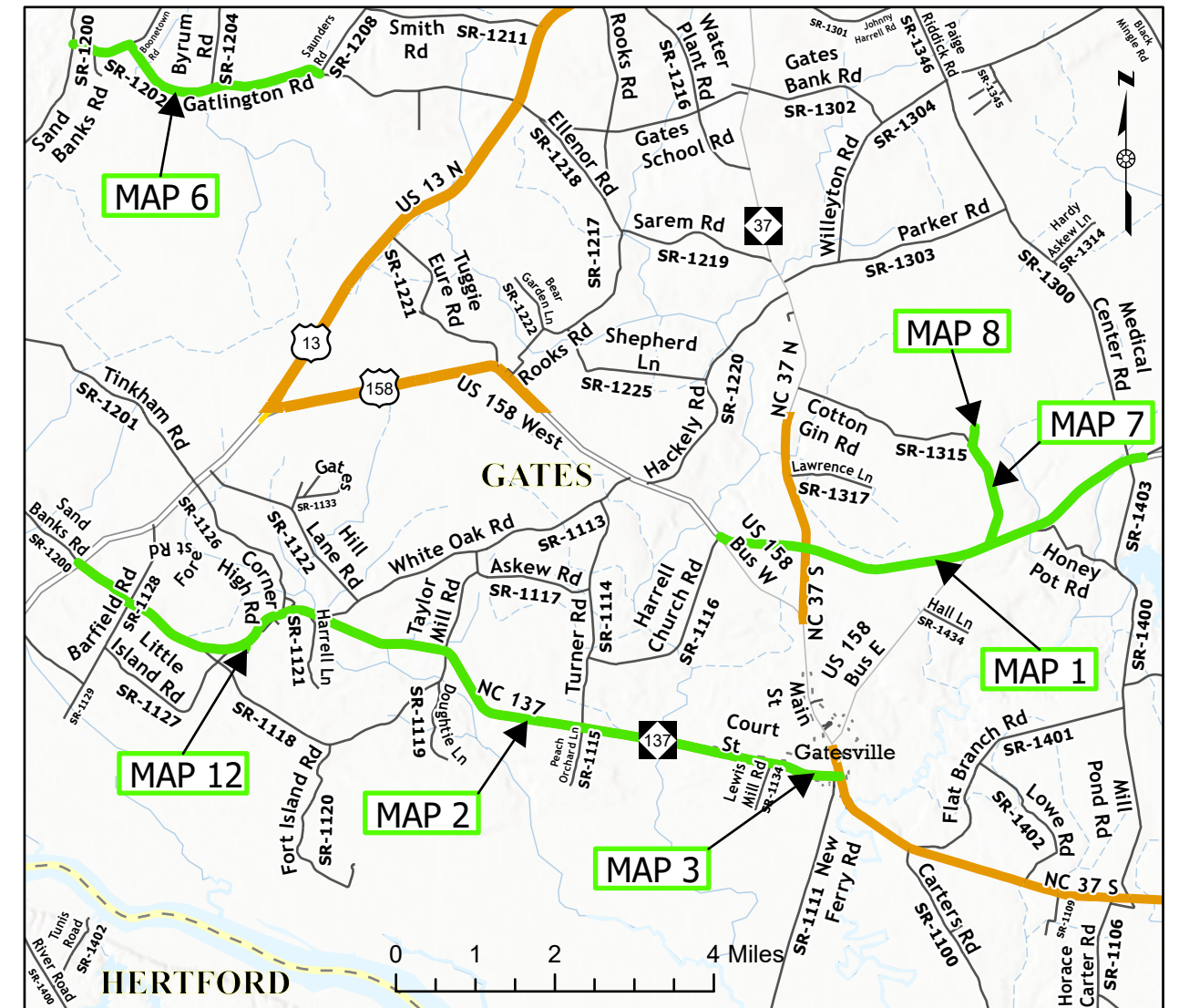
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS**

GATES

TYPE OF WORK: MILLING, RESURFACING, & SHOULDER RECONSTRUCTION

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.01.12.10371, ETC.	1
STATE PROJECT NUMBER		DESCRIPTION
2026CPT.01.12.10371		P.E., CONST.
2026CPT.01.12.20371		P.E., CONST.

MAP	ROUTE	FROM	TO
01	US 158	US 158 Bus.	SR 1300 (Medical Center Rd.)
02	NC 137	US 13	Begin C&G
03	NC 137	Begin C&G	NC 37
06	SR 1202 (Gatlington Rd.)	SR 1200-Sand Banks Rd.	SR 1208 (Saunders Rd.)
07	SR 1315 (Cotton Gin Rd.)	SR 1316 (Will Ln.)	US 158
08	SR 1316 (Will Ln.)	SR 1315 (Cotton Gin Rd.)	End of Maintenance
12	SR 1132 (B Parker Ln.)	NC 137	End of Maintenance



PROJECT LENGTH

MAP	MILES
01	4.62
02	8.17
03	0.466
06	2.8

MAP	MILES
07	1.09
08	0.2
12	0.04

Prepared in the Office of:
DIVISION OF HIGHWAYS
113 AIRPORT DR., EDENTON, NC 27932

B. N. BRASWELL, PE
DIV. PROJ. DEVELOPMENT ENGINEER

M. S. WINSLOW
DIVISION CONTRACT ENGINEER

D. J. CLODGO, PE, PMP
DIVISION PROJECT TEAM LEAD

D. H. STALLINGS
DIVISION DESIGN ENGINEER



WBS NO: 2026CPT.01.12.10371, ETC.

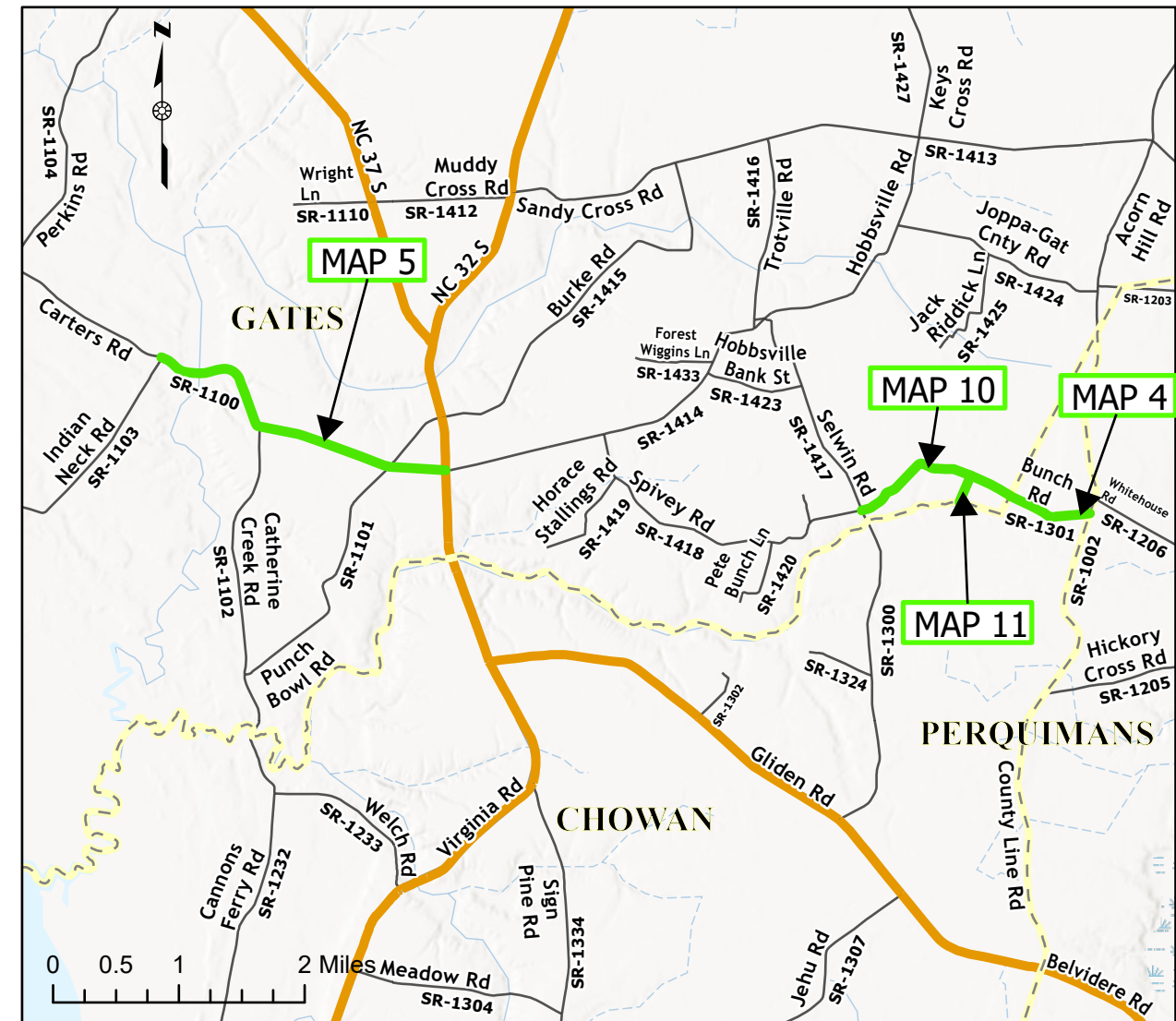
CONTRACT: DA00663

**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CHOWAN / GATES**

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.01.12.10371, ETC.	2
STATE PROJECT NUMBER		DESCRIPTION
2026CPT.01.12.20211		P.E., CONST.
2026CPT.01.12.20371		P.E., CONST.

TYPE OF WORK: RESURFACING & SHOULDER RECONSTRUCTION

MAP	ROUTE	FROM	TO
04	SR 1301 (Bunch Rd.)	Gates County Line	SR 1002 (County Line Rd.)
05	SR 1100 (Carters Rd.)	SR 1103 (Indian Neck Rd.)	NC 32
10	SR 1418 (Spivey Rd.)	SR 1417 (Selwing Rd.)	Chowan Co.
11	SR 1422 (Mike Bunch Rd.)	SR 1418 (Spivey Rd.)	Chowan Co.



PROJECT LENGTH

MAP	MILES
04	0.547
05	2.127
10	1.11
11	0.182

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WBS NO: 2026CPT.01.12.10371, ETC.

CONTRACT: DA00663

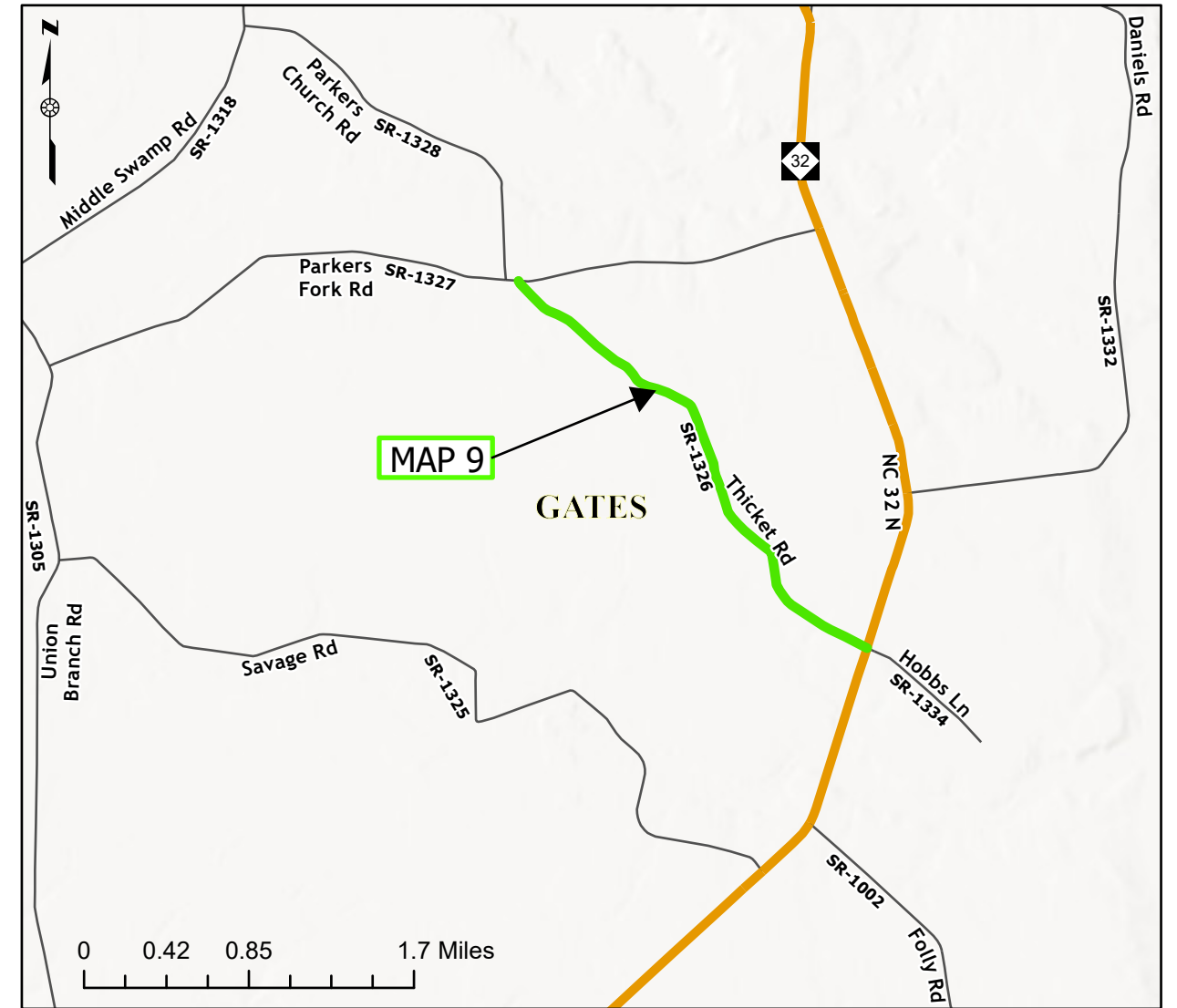
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS**

GATES

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.01.12.10371, ETC.	3
STATE PROJECT NUMBER		DESCRIPTION
2026CPT.01.12.20371		P.E., CONST.
		P.E., CONST.

TYPE OF WORK: RESURFACING & SHOULDER RECONSTRUCTION

MAP	ROUTE	FROM	TO
09	SR 1326 (Thicket Rd.)	SR 1327 (Parkers Fork Rd.)	NC 32



PROJECT LENGTH

MAP	MILES
09	2.21

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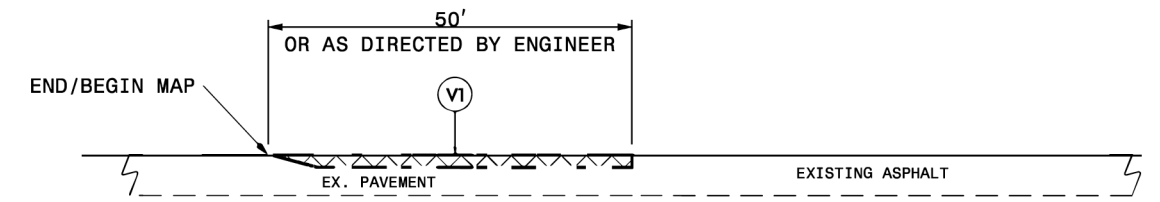


PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V1	INCIDENTAL MILLING
V2	MILLING ASPHALT PAVEMENT, 1.5" DEPTH
U	EXISTING PAVEMENT
M1	PROP. APPROX. 18" SINUSOIDAL RUMBLE STRIPS (CENTERLINE)
M2	PROP. APPROX. 8" SINUSOIDAL RUMBLE STRIPS (EDGE LINES)

NOTES:

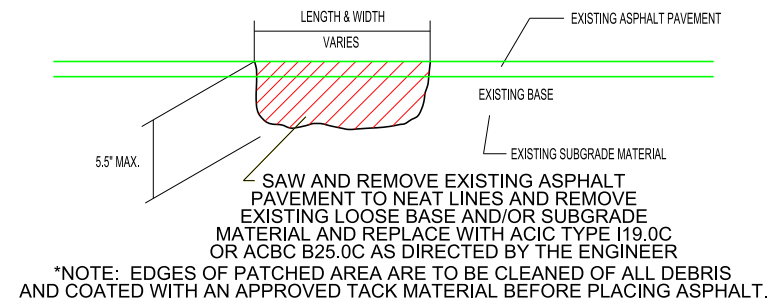
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.5" OF S9.5C TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- * SHOULDER WEDGE SHALL BE USED ON ALL ROADS 22' OR WIDER, OR AS DIRECTED BY THE ENGINEER



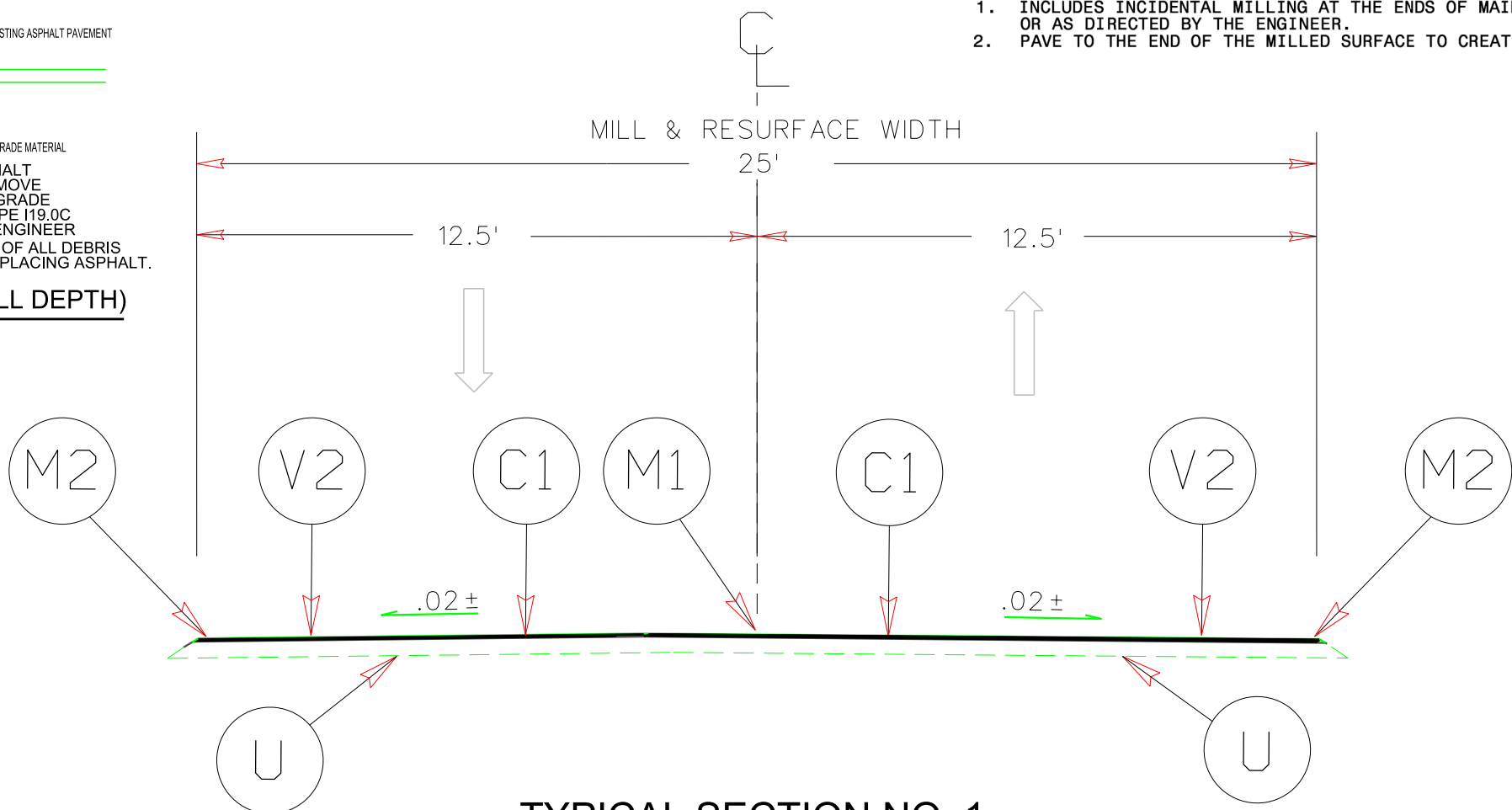
DETAIL 1

MAIN LINE MILLING

- NOTE:
1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
 2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.



PATCHING EXISTING PAVEMENT (FULL DEPTH)



TYPICAL SECTION NO. 1
USE WITH MAPS 1 & 2

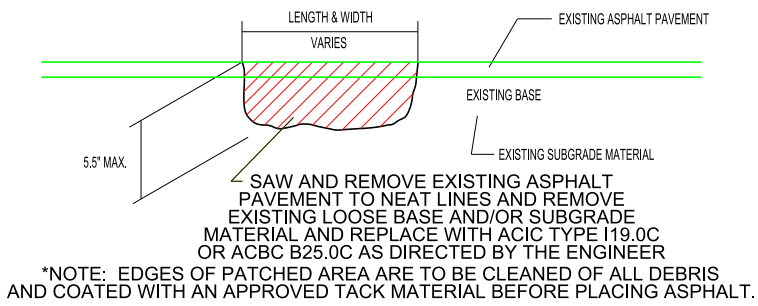
PAVEMENT SCHEDULE

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

PROJECT REFERENCE NO. 2026CPT.01.12.10371, ETC.	SHEET NO. 5
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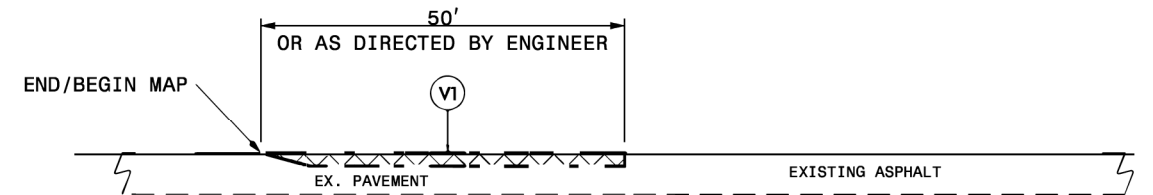
NOTES:

- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.5" OF S9.5C TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- * CONTRACTOR SHALL PERFORM PATCHING EXISTING PAVEMENT, FULL DEPTH BEFORE APPLICATION OF 1.5" OF S9.5C



*NOTE: EDGES OF PATCHED AREA ARE TO BE CLEANED OF ALL DEBRIS AND COATED WITH AN APPROVED TACK MATERIAL BEFORE PLACING ASPHALT.

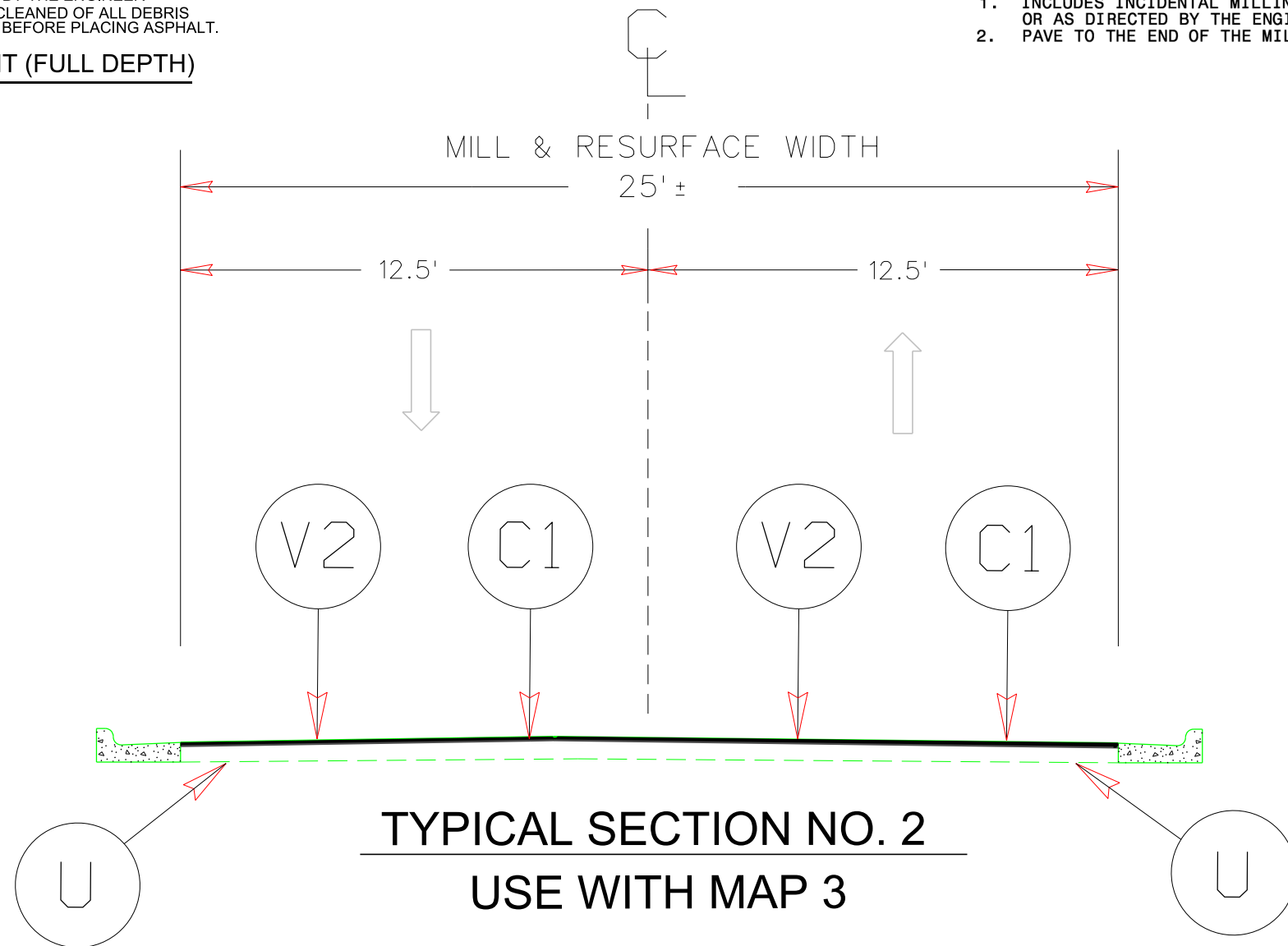
PATCHING EXISTING PAVEMENT (FULL DEPTH)



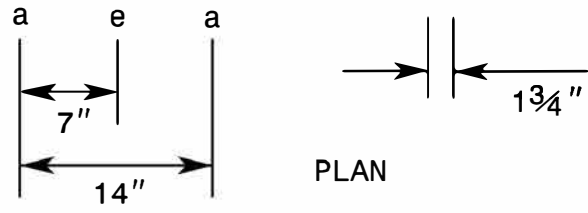
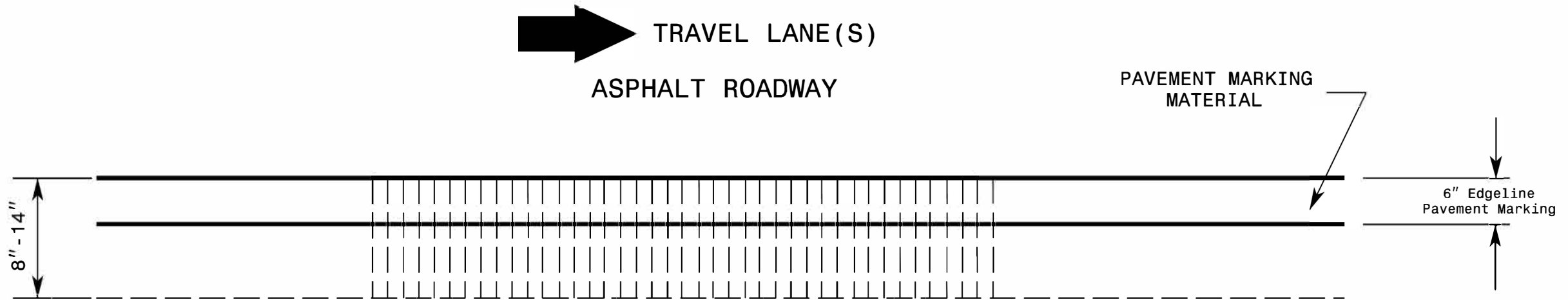
DETAIL 1

MAIN LINE MILLING

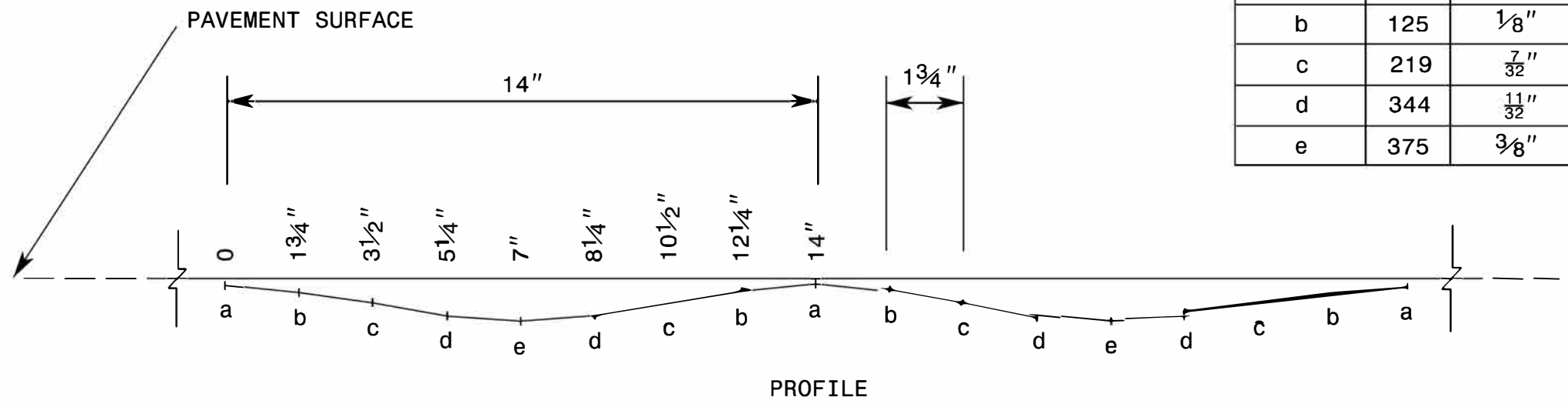
- NOTE:
1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
 2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.



Sinusoidal Edgeline Rumble Stripe



LOCATION	DEPTH	
	MIL	INCHES
a	62.5	1/16"
b	125	1/8"
c	219	7/32"
d	344	11/32"
e	375	3/8"



Specifications in table taken from MNDOT
 Research Project Final Report 2016-23:
Sinusoidal Rumble Strip Design Optimization Study
 BY: Terhaar et. al, June 2016

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
 SINUSOIDAL CENTERLINE RUMBLE STRIPE

See Table 2 within Rumble Strip Policy for Design Guidance

If 4" Markings will be used:

If 6" Markings will be used:

PROFILE:

LOCATION	DEPTH	
	MIL	INCHES
a	62.5	1/16"
b	125	1/8"
c	219	7/32"
d	344	11/32"
e	375	3/8"

REFERENCE DRAWING ID: Sin.CL

NOTES:

- 1) Specification in table taken from MNDOT Research Project Final Report 2016-23: *Sinusoidal Rumble Strip Design Optimization Study By Terhaar et. al. June 2016*
- 2) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 3) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
 SINUSOIDAL CENTERLINE RUMBLE STRIPE

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.01.12.10371, ETC.	11	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH		BEG N	END MP	0000100000-N	0106000000-E	1220000000-E	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1519000000-E	1520000000-E	1523000000-E	1524000000-E	1575000000-E	1705000000-E	
								MI	FT			LS	CY	TONS	SMI	TONS	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	
2026CPT.01.12.10371	Gates	1	US-158 E / US 158 WEST/US 158 EAST	FROM US 158 BUS. TO SR 1300 (MEDICAL CENTER RD.)	1	2	2WU	4.62	25	11.1	15.72	1		50			71,014	4,009			6,617		391	18	
2026CPT.01.12.10371	Gates	2	NC-137 N / NC 137	FROM US 13 TO BEGIN C&G	1	2	2WU	8.17	25	0	8.17	*		46			119,827	4,233			10,994	6	649	10	
2026CPT.01.12.10371	Gates	3	NC-137	FROM BEGIN C&G TO NC 37	2	2	2WU	0.466	25	8.17	8.636	*					6,835	1,457			734		43	4	
TOTAL FOR PROJ NO. 2026CPT.01.12.10371								13.256				*		96			197,676	9,699			18,345	6	1,083	32	
2026CPT.01.12.20211	Chowan	4	SR-1301 / BUNCH RD	FROM GATES COUNTY LINE TO SR 1002 (COUNTY LINE RD.)	3	2	2WU	0.547	16	0	0.547	*	98	5	1.09			448					29	2	
TOTAL FOR PROJ NO. 2026CPT.01.12.20211								0.547				*	98	5	1.09			448						29	2
2026CPT.01.12.20371	Gates	5	SR-1100 / CARTERS RD	FROM SR 1103 (INDIAN NECK RD.) TO NC 32	3	2	2WU	2.127	19	5.67	7.797	*	383	16	4.25	24		415	2,187	10			143		
2026CPT.01.12.20371	Gates	6	SR-1202 / GATLINGTON RD	FROM SR 1200-SAND BANKS RD. TO SR 1208 (SAUNDERS RD.)	3	2	2WU	2.8	19	4.57	7.37	*	504	21	5.60	25		217	2,781				182	21	
2026CPT.01.12.20371	Gates	7	SR-1315 / COTTON GIN RD	FROM SR 1316 (WILL LN.) TO US 158	3	2	2WU	1.09	20	1.95	3.04	*	196	15	2.18			255	1,115				72		
2026CPT.01.12.20371	Gates	8	SR-1316 / WILL LN	FROM SR 1315 (COTTON GIN RD.) TO END OF MAINTENANCE	3	2	2WU	0.2	18	0	0.2	*	36	5	0.40	6						13	27		
2026CPT.01.12.20371	Gates	9	SR-1326 / THICKET RD	FROM SR 1327 (PARKERS FORK RD.) TO NC 32	3	2	2WU	2.21	20	0	2.21	*	398	22	4.42				2,260				152	100	
2026CPT.01.12.20371	Gates	10	SR-1418 / SPIVEY RD	FROM SR 1417 (SELWING RD.) TO CHOWAN CO.	3	2	2WU	1.11	19	2.12	3.23	*	200	13	2.22	6			1,079				70		
2026CPT.01.12.20371	Gates	11	SR-1422 / MIKE BUNCH RD	FROM SR 1418 (SPIVEY RD.) TO CHOWAN CO.	3	2	2WU	0.182	18	0	0.182	*	33	2	0.36				168				11		
TOTAL FOR PROJ NO. 2026CPT.01.12.20371								9.719				*	1,750	94	19.43	61		887	9,774	10				643	148
2026CPT.01.12.20372	Gates	12	SR-1132 / B PARKER LN	FROM NC 137 TO END OF MAINTENANCE	4	2	2WU	0.04	18	0	0.04	*		3					31				2		
TOTAL FOR PROJ NO. 2026CPT.01.12.20372								0.04				*		3					31					2	
GRAND TOTAL								23.562				1	1,848	198	20.52	61	197,676	10,586	10,253	10	18,345	6	1,757	182	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH		BEG N	END MP	1881000000-E	2655000000-E	2752000000-E	3030000000-E	3215000000-N	3287000000-N	3317000000-N	3360000000-E	4895000000-N	6084000000-E	6117000000-N		
								MI	FT			LF	LF	SY	LF	LF	EA	EA	EA	LF	EA	ACR	EA	
2026CPT.01.12.10371	Gates	1	US-158 E / US 158 WEST/US 158 EAST	FROM US 158 BUS. TO SR 1300 (MEDICAL CENTER RD.)	1	2	2WU	4.62	25	11.1	15.72	24,394	48,788	80							305			
2026CPT.01.12.10371	Gates	2	NC-137 N / NC 137	FROM US 13 TO BEGIN C&G	1	2	2WU	8.17	25	0	8.17	31,944	63,888		100	8	8		650		165			
2026CPT.01.12.10371	Gates	3	NC-137	FROM BEGIN C&G TO NC 37	2	2	2WU	0.466	25	8.17	8.636			31						31				
TOTAL FOR PROJ NO. 2026CPT.01.12.10371								13.256				56,338	112,676	80	31	100	8	8		650	501			
2026CPT.01.12.20211	Chowan	4	SR-1301 / BUNCH RD	FROM GATES COUNTY LINE TO SR 1002 (COUNTY LINE RD.)	3	2	2WU	0.547	16	0	0.547										0.5	1		
TOTAL FOR PROJ NO. 2026CPT.01.12.20211								0.547									0				0	0.5	1	
2026CPT.01.12.20371	Gates	5	SR-1100 / CARTERS RD	FROM SR 1103 (INDIAN NECK RD.) TO NC 32	3	2	2WU	2.127	19	5.67	7.797										2.1	1		
2026CPT.01.12.20371	Gates	6	SR-1202 / GATLINGTON RD	FROM SR 1200-SAND BANKS RD. TO SR 1208 (SAUNDERS RD.)	3	2	2WU	2.8	19	4.57	7.37			38		3	3	169			2.7			
2026CPT.01.12.20371	Gates	7	SR-1315 / COTTON GIN RD	FROM SR 1316 (WILL LN.) TO US 158	3	2	2WU	1.09	20	1.95	3.04										1.1	1		
2026CPT.01.12.20371	Gates	8	SR-1316 / WILL LN	FROM SR 1315 (COTTON GIN RD.) TO END OF MAINTENANCE	3	2	2WU	0.2	18	0	0.2										0.2	1		
2026CPT.01.12.20371	Gates	9	SR-1326 / THICKET RD	FROM SR 1327 (PARKERS FORK RD.) TO NC 32	3	2	2WU	2.21	20	0	2.21										2.1	1		
2026CPT.01.12.20371	Gates	10	SR-1418 / SPIVEY RD	FROM SR 1417 (SELWING RD.) TO CHOWAN CO.	3	2	2WU	1.11	19	2.12	3.23										1.1	1		
2026CPT.01.12.20371	Gates	11	SR-1422 / MIKE BUNCH RD	FROM SR 1418 (SPIVEY RD.) TO CHOWAN CO.	3	2	2WU	0.182	18	0	0.182										0.2	1		
TOTAL FOR PROJ NO. 2026CPT.01.12.20371								9.719						38		3	3	169	0	9.5	6			
2026CPT.01.12.20372	Gates	12	SR-1132 / B PARKER LN	FROM NC 137 TO END OF MAINTENANCE	4	2	2WU	0.04	18	0	0.04													
TOTAL FOR PROJ NO. 2026CPT.01.12.20372								0.04								0	0		0					
GRAND TOTAL								23.562				56,338	112,676	80	31	138	8	11	3	819	501	10.0	7	

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.01.12.10371, ETC.	12	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4457000000-N	4688000000-E		4700000000-E	4709000000-E	4720000000-E	4725000000-E		
												WORK ZONE ADVANCE / GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL (SP)	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) WHITE	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) YELLOW	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES (24" 90 MILS)	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS), SCHOOL	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS), LT ARROW		
												SF	LS	LF	LF	LF	LF	EA	EA		
2026CPT.01.12.10371	Gates	1	US-158 E / US 158 WEST/US 158 EAST	FROM US 158 BUS. TO SR 1300 (MEDICAL CENTER RD.)		2	2WU	4.62	25	11.1	15.72	382	1	50,787	38,447	492	191	24	14		
2026CPT.01.12.10371	Gates	2	NC-137 N / NC 137	FROM US 13 TO BEGIN C&G		2	2WU	8.17	25	0	8.17	630	*	86,275	53,922						
2026CPT.01.12.10371	Gates	3	NC-137	FROM BEGIN C&G TO NC 37		2	2WU	0.466	25	8.17	8.636	96	*	1,217	5,607						
TOTAL FOR PROJ NO. 2026CPT.01.12.10371								13.256				1,108	*	138,279	97,976	492	191	24	14		
												236,255									
2026CPT.01.12.20211	Chowan	4	SR-1301 / BUNCH RD	FROM GATES COUNTY LINE TO SR 1002 (COUNTY LINE RD.)		2	2WU	0.547	16	0	0.547		*								
TOTAL FOR PROJ NO. 2026CPT.01.12.20211								0.547					*								
												236,255									
2026CPT.01.12.20371	Gates	5	SR-1100 / CARTERS RD	FROM SR 1103 (INDIAN NECK RD.) TO NC 32		2	2WU	2.127	19	5.67	7.797	112	*								
2026CPT.01.12.20371	Gates	6	SR-1202 / GATLINGTON RD	FROM SR 1200-SAND BANKS RD. TO SR 1208 (SAUNDERS RD.)		2	2WU	2.8	19	4.57	7.37	112	*								
2026CPT.01.12.20371	Gates	7	SR-1315 / COTTON GIN RD	FROM SR 1316 (WILL LN.) TO US 158		2	2WU	1.09	20	1.95	3.04		*								
2026CPT.01.12.20371	Gates	8	SR-1316 / WILL LN	FROM SR 1315 (COTTON GIN RD.) TO END OF MAINTENANCE		2	2WU	0.2	18	0	0.2		*								
2026CPT.01.12.20371	Gates	9	SR-1326 / THICKET RD	FROM SR 1327 (PARKERS FORK RD.) TO NC 32		2	2WU	2.21	20	0	2.21	86	*								
2026CPT.01.12.20371	Gates	10	SR-1418 / SPIVEY RD	FROM SR 1417 (SELWING RD.) TO CHOWAN CO.		2	2WU	1.11	19	2.12	3.23		*								
2026CPT.01.12.20371	Gates	11	SR-1422 / MIKE BUNCH RD	FROM SR 1418 (SPIVEY RD.) TO CHOWAN CO.		2	2WU	0.182	18	0	0.182		*								
TOTAL FOR PROJ NO. 2026CPT.01.12.20371								9.719				310	*								
												236,255									
2026CPT.01.12.20372	Gates	12	SR-1132 / B PARKER LN	FROM NC 137 TO END OF MAINTENANCE		2	2WU	0.04	18	0	0.04		*								
TOTAL FOR PROJ NO. 2026CPT.01.12.20372								0.04					*								
												236,255									
GRAND TOTAL								23.562				1,418	1	138,279	97,976	492	191	24	14		
												236,255									

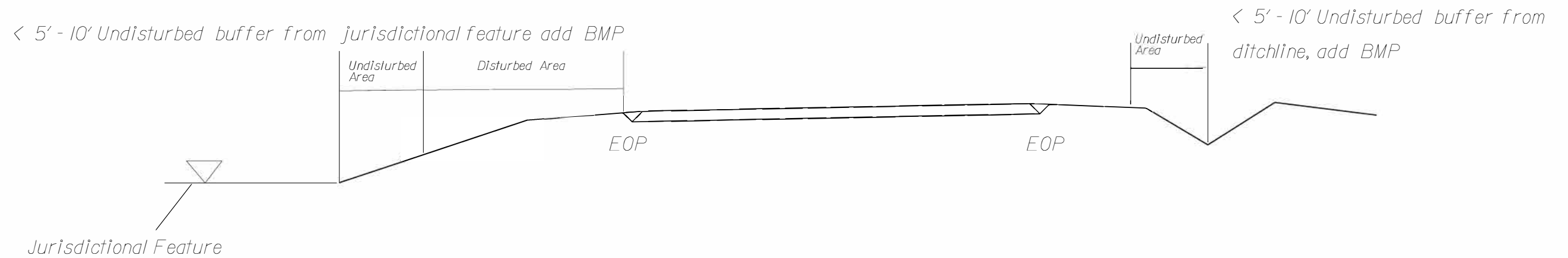
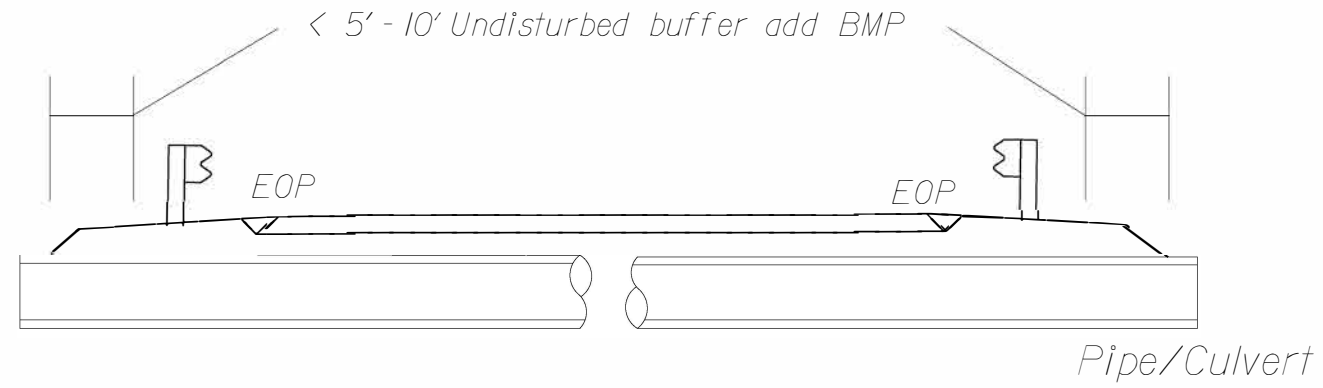
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4810000000-E		4825000000-E	4835000000-E	4840000000-N	4845000000-N	4890000000-E			
												PAINT PAVEMENT MARKING LINES (4") WHITE	PAINT PAVEMENT MARKING LINES (4") YELLOW	PAINT PAVEMENT MARKING LINES (12")	PAINT PAVEMENT MARKING LINES (24")	PAINT PAVEMENT MARKING CHARACTER (MSG SCHOOL)	PAINT PAVEMENT MARKING SYMBOL (LT ARROW)	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, (4", 65 MILS) WHITE	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, (4", 65 MILS) YELLOW		
												LF	LF	LF	LF	EA	EA	LF	LF		
2026CPT.01.12.10371	Gates	1	US-158 E / US 158 WEST/US 158 EAST	FROM US 158 BUS. TO SR 1300 (MEDICAL CENTER RD.)		2	2WU	4.62	25	11.1	15.72	50,787	38,447	492	191	24	14				
2026CPT.01.12.10371	Gates	2	NC-137 N / NC 137	FROM US 13 TO BEGIN C&G		2	2WU	8.17	25	0	8.17	86,275	53,922								
2026CPT.01.12.10371	Gates	3	NC-137	FROM BEGIN C&G TO NC 37		2	2WU	0.466	25	8.17	8.636	1,217	5,607								
TOTAL FOR PROJ NO. 2026CPT.01.12.10371								13.256				138,279	97,976	492	191	24	14				
												236,255									
2026CPT.01.12.20211	Chowan	4	SR-1301 / BUNCH RD	FROM GATES COUNTY LINE TO SR 1002 (COUNTY LINE RD.)		2	2WU	0.547	16	0	0.547	5,776	3,610					5,776	3,610		
TOTAL FOR PROJ NO. 2026CPT.01.12.20211								0.547				5,776	3,610					5,776	3,610		
												9,386									
2026CPT.01.12.20371	Gates	5	SR-1100 / CARTERS RD	FROM SR 1103 (INDIAN NECK RD.) TO NC 32		2	2WU	2.127	19	5.67	7.797	22,461	14,038					22,461	14,038		
2026CPT.01.12.20371	Gates	6	SR-1202 / GATLINGTON RD	FROM SR 1200-SAND BANKS RD. TO SR 1208 (SAUNDERS RD.)		2	2WU	2.8	19	4.57	7.37	29,568	18,480					29,568	18,480		
2026CPT.01.12.20371	Gates	7	SR-1315 / COTTON GIN RD	FROM SR 1316 (WILL LN.) TO US 158		2	2WU	1.09	20	1.95	3.04	11,510	7,194					11,510	7,194		
2026CPT.01.12.20371	Gates	8	SR-1316 / WILL LN	FROM SR 1315 (COTTON GIN RD.) TO END OF MAINTENANCE		2	2WU	0.2	18	0	0.2	2,112	2,112					2,112	2,112		
2026CPT.01.12.20371	Gates	9	SR-1326 / THICKET RD	FROM SR 1327 (PARKERS FORK RD.) TO NC 32		2	2WU	2.21	20	0	2.21	23,338	23,338					23,338	23,338		
2026CPT.01.12.20371	Gates	10	SR-1418 / SPIVEY RD	FROM SR 1417 (SELWING RD.) TO CHOWAN CO.		2	2WU	1.11	19	2.12	3.23	11,722	11,722					11,722	11,722		
2026CPT.01.12.20371	Gates	11	SR-1422 / MIKE BUNCH RD	FROM SR 1418 (SPIVEY RD.) TO CHOWAN CO.		2	2WU	0.182	18	0	0.182										
TOTAL FOR PROJ NO. 2026CPT.01.12.20371								9.719				100,711	76,884					100,711	76,884		
												177,595									
2026CPT.01.12.20372	Gates	12	SR-1132 / B PARKER LN	FROM NC 137 TO END OF MAINTENANCE		2	2WU	0.04	18	0	0.04										
TOTAL FOR PROJ NO. 2026CPT.01.12.20372								0.04													
												423,236									
GRAND TOTAL								23.562				244,766	178,470	492	191	24	14	106,487	80,494		
												423,236									

NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

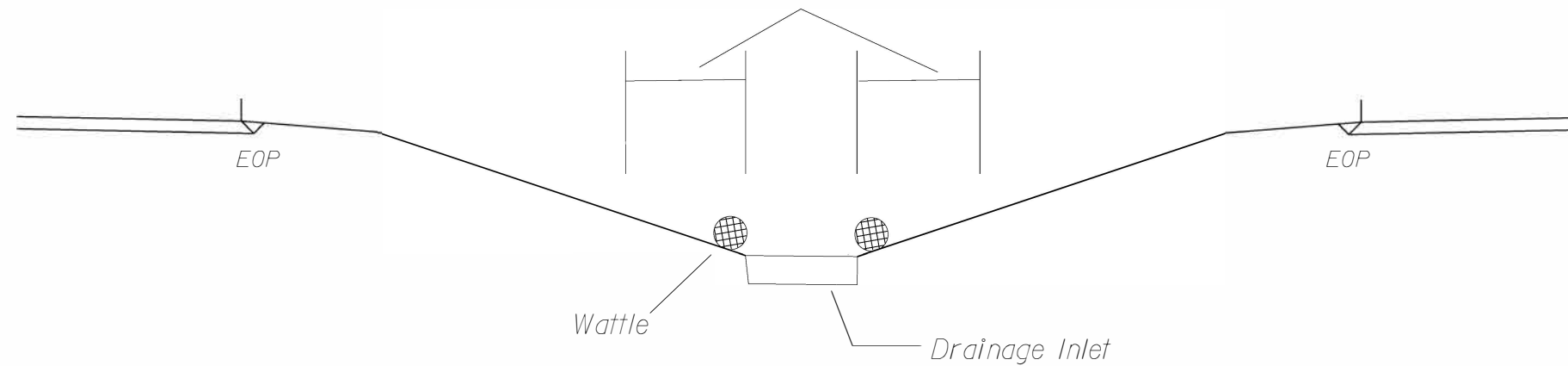
EROSION CONTROL DETAIL



Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed



< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

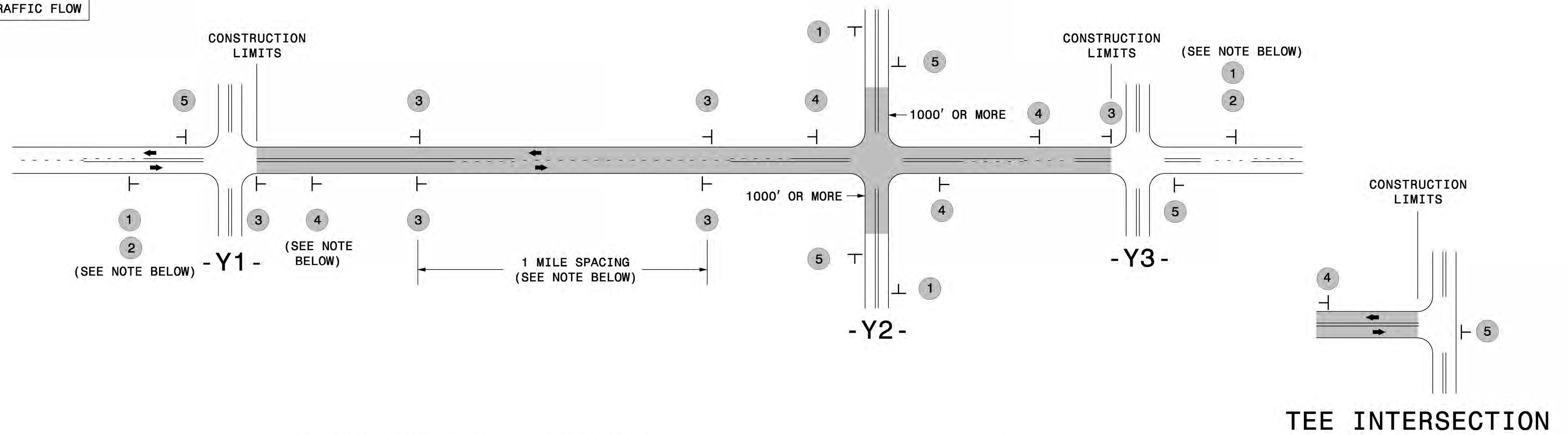
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

SIGNING FOR RESURFACING PROJECTS

LEGEND
 ┆ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

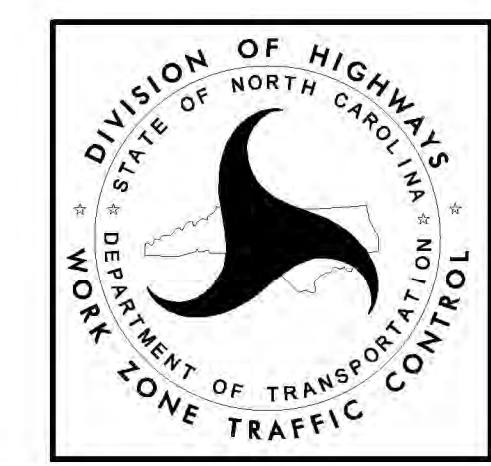
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 W20-1 48" X 48"	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> LESS THAN 1000' OF RESURFACING ALONG -Y- LINE SUBDIVISION ROADS DEAD END ROADS <p>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.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> W20-1 48" X 48" </div> <div style="text-align: center;"> W20-7 A 48" X 48" </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER.</p> <p>PLACED 250' IN ADVANCE OF FLAGGER.</p>
	2	 W7-3aP 24" X 18"	#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)	
	3	 SP 13107 48" X 48"	<ul style="list-style-type: none"> PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER. 	
	4	 SP 13106 48" X 48"	<ul style="list-style-type: none"> 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. 	
	5	 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.



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

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