

CARTERET AND PAMLICO COUNTIES

DB00622

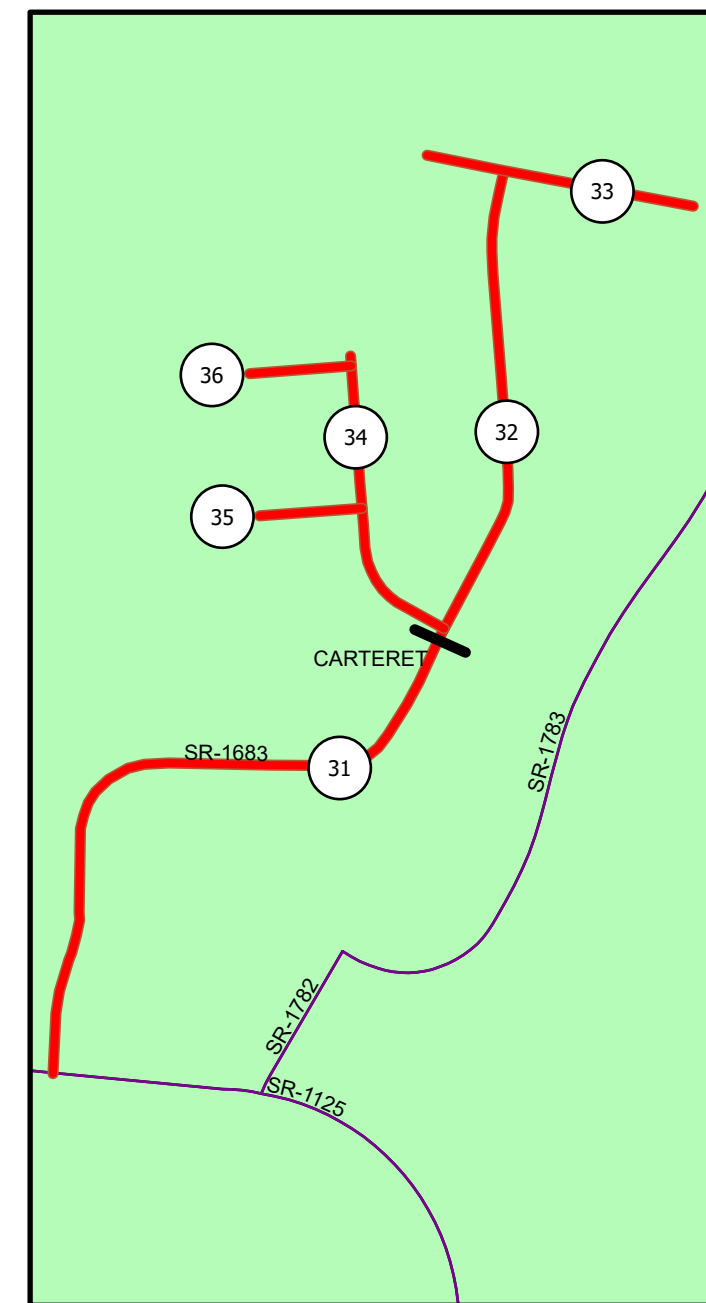
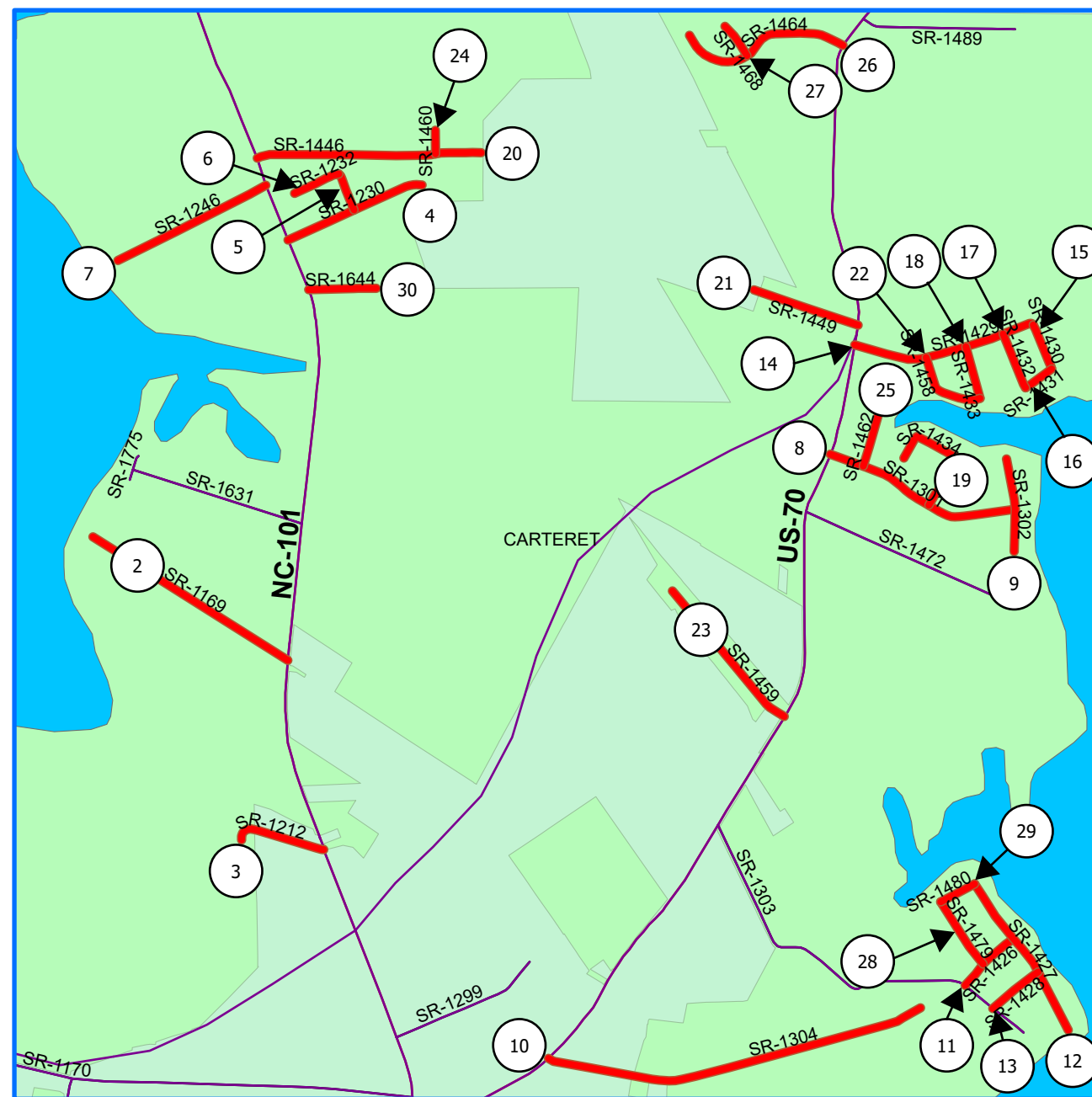
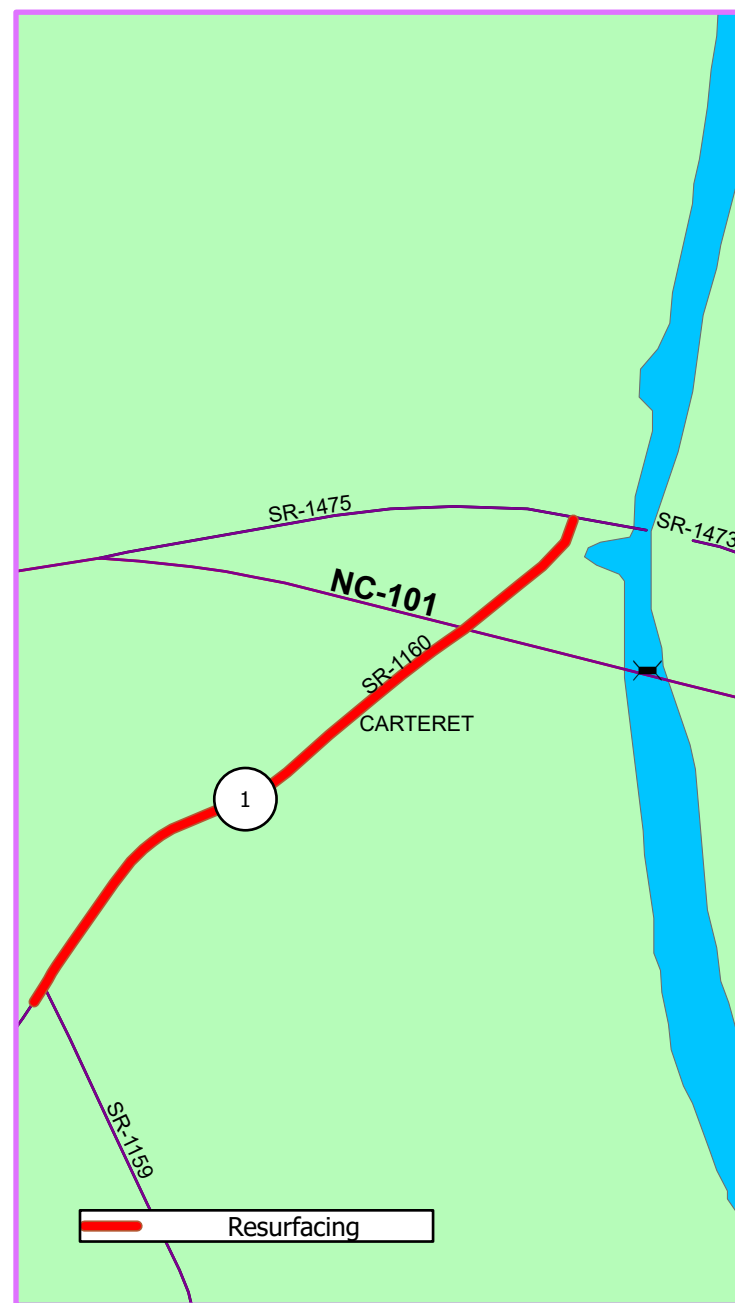
WBS# 2026CPT.02.19.20161
 2026CPT.02.11.20162
 2026CPT.02.06.20691

TYPE OF WORK : WIDENING, MILL PATCHING, STRENGTHENING, LEVELING, RESURFACING, AND SHOULDER RECONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
DB00622	1



NCDOT
 DIVISION 2



PROJECT REFERENCE NO.	SHEET NO.
DB00622	2

CARTERET AND PAMLICO COUNTIES

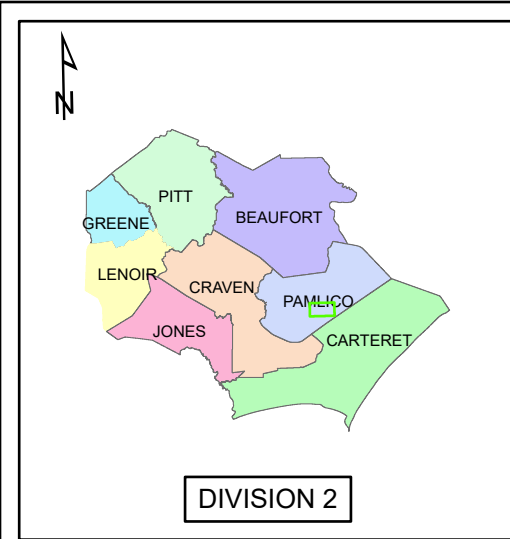
DB00622

WBS# 2026CPT.02.19.20161
 2026CPT.02.11.20162
 2026CPT.02.06.20691

**TYPE OF WORK : WIDENING, MILL PATCHING, STRENGTHENING, LEVELING,
 RESURFACING, AND SHOULDER RECONSTRUCTION**

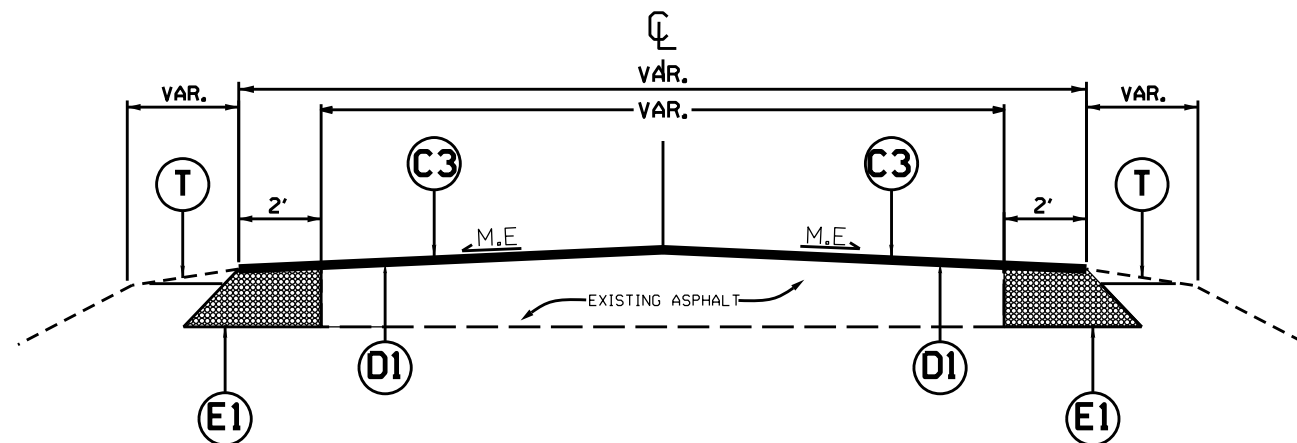


NCDOT
 DIVISION 2



TYPICAL SECTION NO. 1

MAPS 1 AND 3



NOTE:

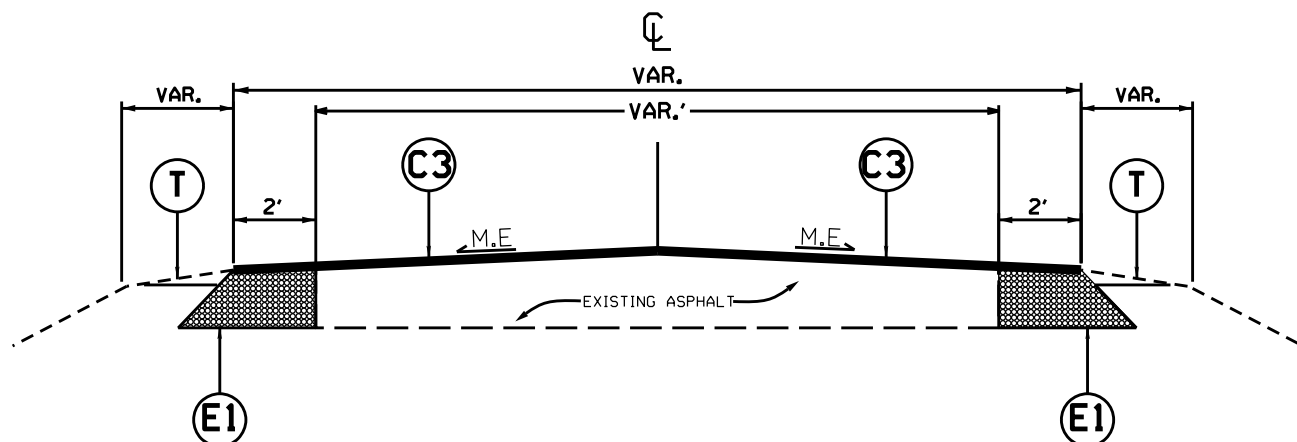
1. PLACE ASYMMETRICAL WIDENING, AS DIRECTED BY THE ENGINEER. MAKE FLUSH WITH THE EXISTING ASPHALT.
2. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.
3. PLACE ASPHALT INTERMEDIATE COURSE TYPE I19.0C AT FULL WIDTH OF PAVEMENT, INCLUDING NEW WIDENING.
4. PLACE ASPHALT SURFACE COURSE TYPE S9.5B AT FULL WIDTH OF PAVEMENT, INCLUDING NEW WIDENING.
5. PERFORM SHOULDER RECONSTRUCTION AFTER PAVING IS COMPLETED.

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 110.0 LBS. PER SQ. YD. (LEVELING COURSE)
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E1	PROP. APPROX. 6" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C AT AN AVERAGE RATE OF 684 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
V1	INCIDENTAL MILLING.
DRAWINGS NOT TO SCALE	

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

TYPICAL SECTION NO. 2

MAP 2

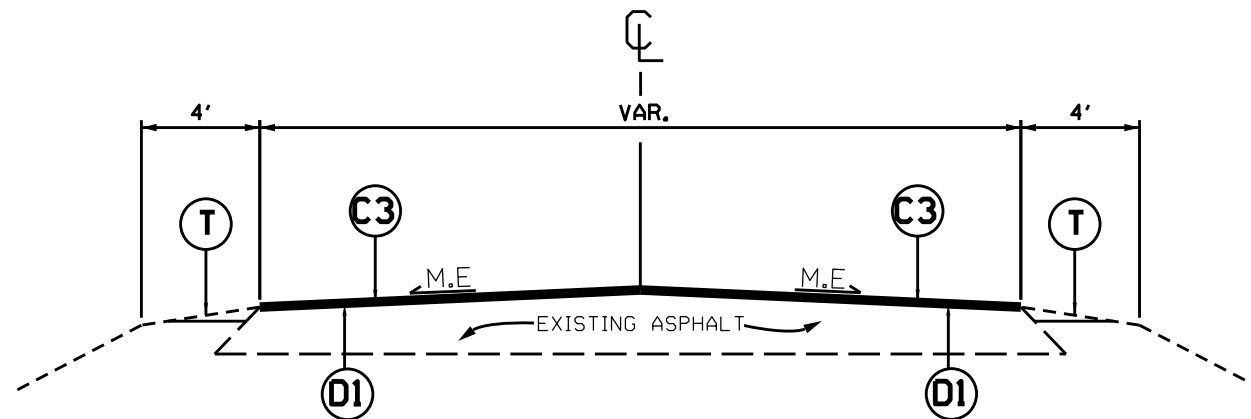


NOTE:

1. PLACE ASYMMETRICAL WIDENING, AS DIRECTED BY THE ENGINEER. MAKE FLUSH WITH THE EXISTING ASPHALT.
2. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.
3. PLACE ASPHALT SURFACE COURSE TYPE S9.5B AT FULL WIDTH OF PAVEMENT, INCLUDING NEW WIDENING.
4. PERFORM SHOULDER RECONSTRUCTION AFTER PAVING IS COMPLETED.

TYPICAL SECTION NO. 3

MAP 10 (STA. 0+00 TO STA. 8+25)



NOTE:

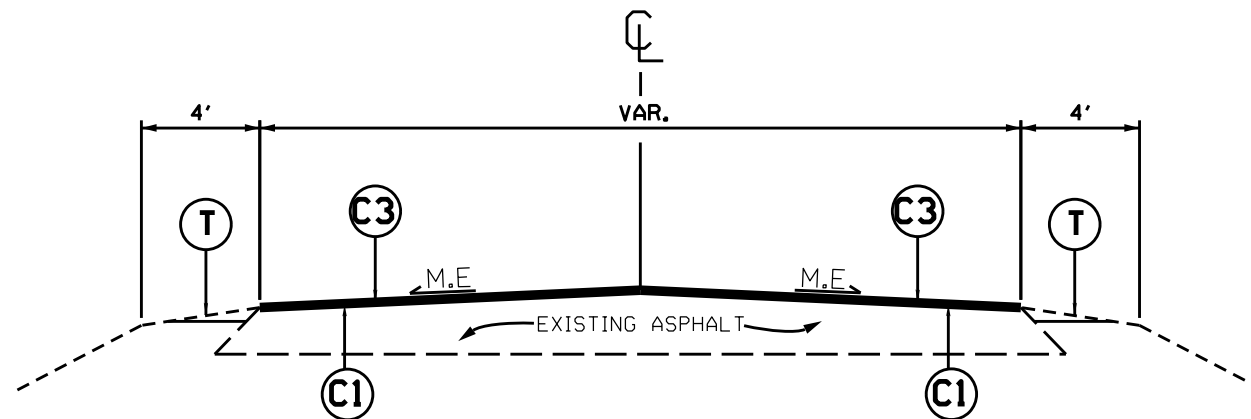
1. PLACE ASPHALT INTERMEDIATE COURSE I19.0C AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
2. PLACE ASPHALT SURFACE COURSE TYPE S9.5B AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
3. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.
4. PERFORM SHOULDER RECONSTRUCTION AFTER PAVING IS COMPLETED.

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 110.0 LBS. PER SQ. YD. (LEVELING COURSE)
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E1	PROP. APPROX. 6" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C AT AN AVERAGE RATE OF 684 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
V1	INCIDENTAL MILLING.
DRAWINGS NOT TO SCALE	

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

TYPICAL SECTION NO. 4

MAPS 20 (STA. 0+00 TO STA. 12+00), 23, 25, AND 31

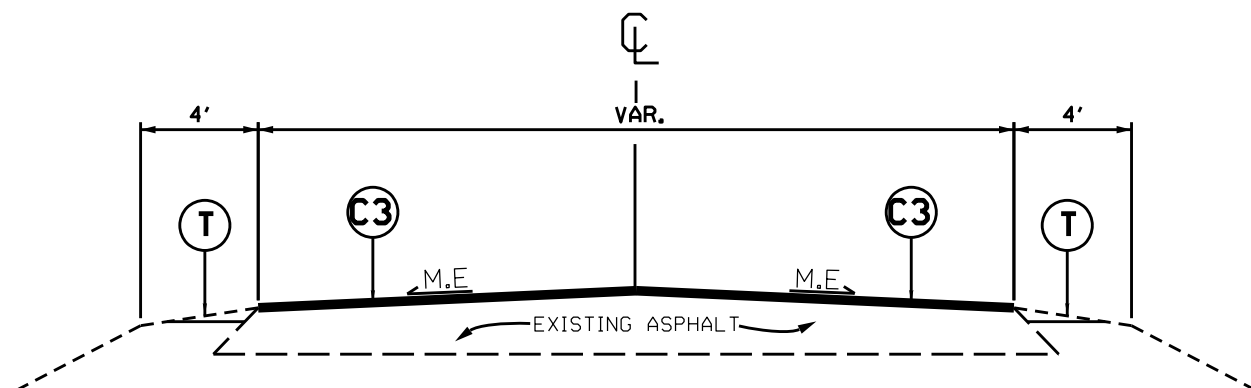


NOTE:

1. PLACE LEVELING COURSE OF ASPHALT SURFACE COURSE TYPE S9.5B AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
2. PLACE ASPHALT SURFACE COURSE TYPE S9.5B AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
3. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.
4. PERFORM SHOULDER RECONSTRUCTION AFTER PAVING IS COMPLETED.

TYPICAL SECTION NO. 5

MAPS 10 (STA. 8+25 TO 42+00), 20 (STA. 12+00 TO 25+54),
24, 32, 33, 34, 35, 36, AND 37

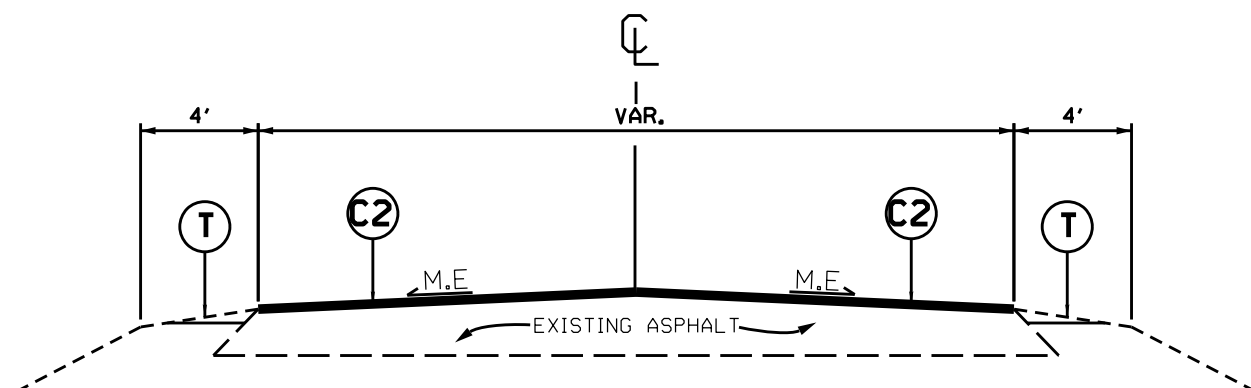


NOTE:

1. PERFORM FULL DEPTH MILL PATCHING AT LOCATIONS AND WIDTHS AS SHOWN ON SHEET 7. PLACE ASPHALT BASE COURSE B25.0C IN ONE LIFT TO BACKFILL.
2. PLACE ASPHALT SURFACE COURSE S9.5B AT FULL WIDTH OF THE EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
3. INCLUDES INCIDENTAL MILLING AT THE ENDS OF THE MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.
4. PERFORM SHOULDER RECONSTRUCTION AFTER PAVING IS COMPLETED.

TYPICAL SECTION NO. 6

MAPS 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16,
17, 18, 19, 21, 22, 26, 27, 28, 29, AND 30



NOTE:

1. PERFORM FULL DEPTH MILL PATCHING AT LOCATIONS AND WIDTHS AS SHOWN ON SHEET 7. PLACE ASPHALT BASE COURSE B25.0C IN ONE LIFT TO BACKFILL.
2. PLACE ASPHALT SURFACE COURSE S9.5B AT FULL WIDTH OF THE EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
3. INCLUDES INCIDENTAL MILLING AT THE ENDS OF THE MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.
4. PERFORM SHOULDER RECONSTRUCTION AFTER PAVING IS COMPLETED.

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 110.0 LBS. PER SQ. YD. (LEVELING COURSE)
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 119.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E1	PROP. APPROX. 6" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C AT AN AVERAGE RATE OF 684 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
V1	INCIDENTAL MILLING.

DRAWINGS NOT TO SCALE

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

PROJECT NO.	SHEET NO.	TOTAL NO.
DB00622	6	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	HAULING NCDOT SUPPLIED SHOULDER MATERIAL	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	INCIDENTAL MILLING	BASE COURSE, B25.0C	INTERMEDIATE COURSE, I19.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	4" DEPTH MILL PATCHING EXISTING PAVEMENT - B 25.0 C	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	TEMPORARY SILT FENCE	WATTLE	SEED & MULCHING	RESPONSE FOR EROSION CONTROL	WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL		
								MI	FT	EA	TONS	SMI	SY	TONS	TONS	TONS	TONS	TONS	TONS	TONS	EA	EA	LF	LF	AC	EA	SF	LS	
2026CPT.02.11.20162	Carteret	4	SR-1230 / MCDANIEL DR	FROM NC 101 TO END MAINTENANCE	6	2	2WU	0.44	20	18	22	0.88	105			370		24				53	100	0.44	1	50	0.02		
TOTAL FOR MAP NO. 4								0.44	20	18	22	0.88	105			370		24				53	100	0.44	1	50	0.02		
2026CPT.02.11.20162	Carteret	5	SR-1231 / RUSSELL ST	FROM SR 1232 RUSSELL ST TO SR 1230 MCDANIEL DR	6	2	2WU	0.08	18	3	4	0.16				71		5				10		0.08		10	0.01		
TOTAL FOR MAP NO. 5								0.08	18	3	4	0.16			71		5					10		0.08		10	0.01		
2026CPT.02.11.20162	Carteret	6	SR-1232 / RUSSELL ST	FROM DEAD END TO SR 1231 RUSSELL ST	6	2	2WU	0.10	18	4	5	0.20				76		5				12		0.10		15	0.01		
TOTAL FOR MAP NO. 6								0.10	18	4	5	0.20			76		5					12		0.10		15	0.01		
2026CPT.02.11.20162	Carteret	7	SR-1246 / AUSTIN RD	FROM DEAD END TO NC 101	6	2	2WU	0.34	20	14	17	0.68	110			294		19				41		0.34		40	0.03		
TOTAL FOR MAP NO. 7								0.34	20	14	17	0.68	110			294		19					41		0.34		40	0.03	
2026CPT.02.11.20162	Carteret	8	SR-1301 / SHELL LANDING RD	FROM US 70 TO SR 1302 SHORE DR	6	2	2WU	0.40	19	16	20	0.80	120			324		21				48		0.40		45	0.03		
TOTAL FOR MAP NO. 8								0.40	19	16	20	0.80	120			324		21					48		0.40		45	0.03	
2026CPT.02.11.20162	Carteret	9	SR-1302 / SHORE DR	FROM BEGIN MAINTENANCE TO DEAD END	6	2	2WU	0.24	19	10	12	0.48				201		13				29		0.24		30	0.02		
TOTAL FOR MAP NO. 9								0.24	19	10	12	0.48			201		13					29		0.24		30	0.02		
2026CPT.02.11.20162	Carteret	11	SR-1426 / LOCUST LN	FROM SR 1303 HOWLAND PARKWAY TO SR 1427 NORTH SHORE RD	6	2	2WU	0.14	20	6	7	0.28				130		8				17		0.14		20	0.01		
TOTAL FOR MAP NO. 11								0.14	20	6	7	0.28			130		8					17		0.14		20	0.01		
2026CPT.02.11.20162	Carteret	12	SR-1427 / NORTH SHORE RD	FROM END MAINTENANCE TO SR 1480 HOLLY LN	6	2	2WU	0.37	20	15	19	0.74				315		20				44		0.37		45	0.03		
TOTAL FOR MAP NO. 12								0.37	20	15	19	0.74			315		20					44		0.37		45	0.03		
2026CPT.02.11.20162	Carteret	13	SR-1428 / MYRTLE LN	FROM SR 1303 HOWLAND PARKWAY TO SR 1427 NORTH SHORE RD	6	2	2WU	0.11	20	4	6	0.22	65			98		6				13		0.11		15	0.01		
TOTAL FOR MAP NO. 13								0.11	20	4	6	0.22	65			98		6					13		0.11		15	0.01	
2026CPT.02.11.20162	Carteret	14	SR-1429 / OLGA RD	FROM US 70 TO SR 1430 PERKINS RD	6	2	2WU	0.37	20	15	19	0.74	120			317		21				44		0.37		45	0.02		
TOTAL FOR MAP NO. 14								0.37	20	15	19	0.74	120			317		21					44		0.37		45	0.02	
2026CPT.02.11.20162	Carteret	15	SR-1430 / PERKINS RD	FROM SR 1431 BRONNA RD TO SR 1429 OLGA RD	6	2	2WU	0.11	20	4	6	0.22				96		9	50			13		0.11		15	0.01		
TOTAL FOR MAP NO. 15								0.11	20	4	6	0.22			96		9	50				13		0.11		15	0.01		
2026CPT.02.11.20162	Carteret	16	SR-1431 / BRONNA RD	FROM SR 1432 MARGARET RD TO SR 1430 PERKINS RD	6	2	2WU	0.07	20	3	4	0.14				62		4				8		0.07		10	0.01		
TOTAL FOR MAP NO. 16								0.07	20	3	4	0.14			62		4					8		0.07		10	0.01		
2026CPT.02.11.20162	Carteret	17	SR-1432 / MARGARET RD	FROM SR 1431 BRONNA RD TO SR 1429 OLGA RD	6	2	2WU	0.13	20	5	7	0.26				112		7				16		0.13		15	0.01		
TOTAL FOR MAP NO. 17								0.13	20	5	7	0.26			112		7					16		0.13		15	0.01		
2026CPT.02.11.20162	Carteret	18	SR-1433 / CANAL RD	FROM SR 1458 LEWIS RD TO SR 1429 OLGA RD	6	2	2WU	0.12	20	5	6	0.24				102		7				14		0.12		15	0.01		
TOTAL FOR MAP NO. 18								0.12	20	5	6	0.24			102		7					14		0.12		15	0.01		
2026CPT.02.11.20162	Carteret	19	SR-1434 / WALLACE RD	FROM SR 1301 SHELL LANDING RD TO DEAD END	6	2	2WU	0.28	20	11	14	0.56				243		16				34	100	0.28	1	35	0.02		
TOTAL FOR MAP NO. 19								0.28	20	11	14	0.56			243		16					34	100	0.28	1	35	0.02		
2026CPT.02.11.20162	Carteret	21	SR-1449 / CEDAR AVE	FROM CUL-DE-SAC TO US 70	6	2	2WU	0.23	21	9	12	0.46	125			232		15				28		0.23		30	0.02		
TOTAL FOR MAP NO. 21								0.23	21	9	12	0.46	125			232		15					28		0.23		30	0.02	
2026CPT.02.11.20162	Carteret	22	SR-1458 / LEWIS RD	FROM SR 1429 OLGA RD TO SR 1433 CANAL RD	6	2	2WU	0.17	20	7	9	0.34				146		9				20		0.17		20	0.01		
TOTAL FOR MAP NO. 22								0.17	20	7	9	0.34			146		9					20		0.17		20	0.01		
2026CPT.02.11.20162	Carteret	26	SR-1464 / TIFFANY WAY	FROM CUL-DE-SAC TO US 70	6	2	2WU	0.40	20	16	20	0.80	155			371		24				1	48	0.40		45	0.02		
TOTAL FOR MAP NO. 26								0.40	20	16	20	0.80	155			371		24					1	48		0.40		45	0.02
2026CPT.02.11.20162	Carteret	27	SR-1468 / OPAL CT	FROM CUL-DE-SAC TO SR 1464 TIFFANY WAY	6	2	2WU	0.08	21	3	4	0.16				99		6				10		0.08		10	0.01		
TOTAL FOR MAP NO. 27								0.08	21	3	4	0.16			99		6					10		0.08		10	0.01		
2026CPT.02.11.20162	Carteret	28	SR-1479 / YAUPON LN	FROM SR 1426 LOCUST LN TO SR 1480 HOLLY LN	6	2	2WU	0.16	20	6	8	0.32				141		16	80			19		0.16		20	0.01		
TOTAL FOR MAP NO. 28								0.16	20	6	8	0.32			141		16	80				19		0.16		20	0.01		
2026CPT.02.11.20162	Carteret	29	SR-1480 / HOLLY LN	FROM END MAINTENANCE TO SR 1427 NORTH SHORE RD	6	2	2WU	0.09	20	4	5	0.18				77		8	50			11		0.09		15	0.01		
TOTAL FOR MAP NO. 29								0.09	20	4	5	0.18			77		8	50				11		0.09		15	0.01		
2026CPT.02.11.20162	Carteret	30	SR-1644 / TAYLOR FARM RD	FROM NC 101 TO END MAINTENANCE	6	2	2WU	0.14	21	6	7	0.28	105			124		8				17		0.14		20	0.01		
TOTAL FOR MAP NO. 30								0.14	21	6	7	0.28	105			124		8					17		0.14		20	0.01	
TOTAL FOR PROJ NO. 2026CPT.02.11.20162								4.57		184	233	9.14	905			4,001		271	180				1	549	200	4.57	2	565	0.34
2026CPT.02.06.20691	Pamlico	37	SR-1317 / ORCHARD CREEK RD	FROM SR 1320 PAMLICO RD TO SR 1321 STRAIGHT RD	5	2	2WU	4.12	21	165	206	8.24	150			4,416		362	1,548			659	100	4.12	1	465	0.31		
TOTAL FOR MAP NO. 37								4.12	21	165	206	8.24	150			4,416		362	1,548				659	100	4.12	1	465	0.31	
TOTAL FOR PROJ NO. 2026CPT.02.06.20691								4.12		165	206	8.24	150			4,416		362	1,548				659	100	4.12	1	465	0.31	

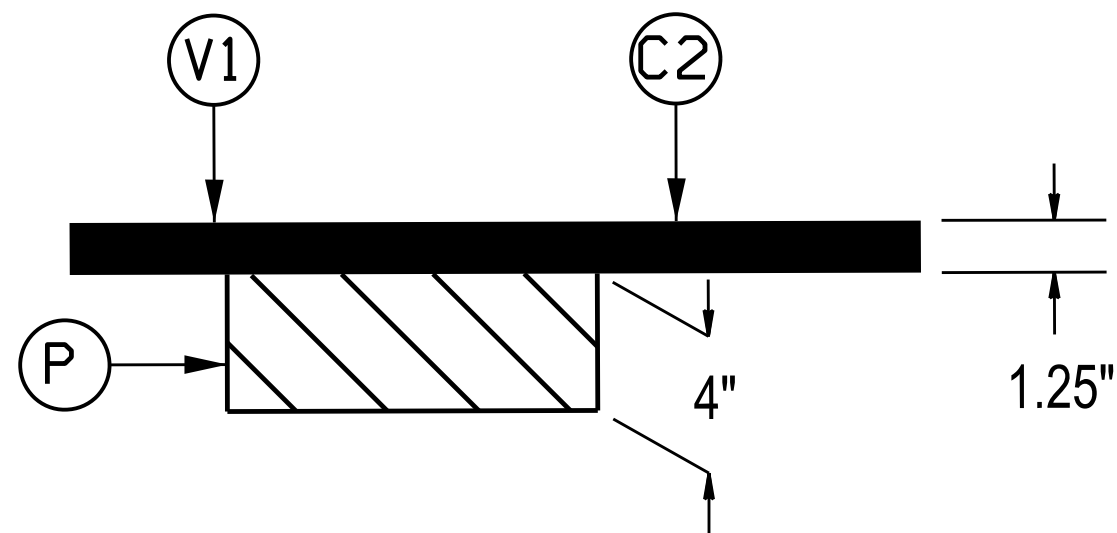
PROJECT NO.	SHEET NO.	TOTAL NO.
DB00622	7	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	HAULING NCDOT SUPPLIED SHOULDER MATERIAL	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	INCIDENTAL MILLING	BASE COURSE, B25.0C	INTERMEDIATE COURSE, I19.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	4" DEPTH MILL PATCHING EXISTING PAVEMENT - B 25.0 C	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	TEMPORARY SILT FENCE	WATTLE	SEED & MULCHING	RESPONSE FOR EROSION CONTROL	WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL					
								MI	FT	EA	TONS	SMI	SY	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	EA	EA	LF	LF	AC	EA	SF	LS		
2026CPT.02.19.20161	Carteret	1	SR-1160 / HARDESTY LOOP RD	FROM END PAVEMENT TO SR 1475 OLD BRIDGE RD	1	2	2WU	0.860	18	52	43	1.72	200	719	1,366	822		151					138	100	1.08	1	100	0.06				
TOTAL FOR MAP NO. 1								0.860	18	52	43	1.72	200	719	1,366	822		151					138	100	1.08	1	100	0.06				
2026CPT.02.19.20161	Carteret	2	SR-1169 / COPELAND RD	FROM END MAINTENANCE TO NC 101	2	2	2WU	0.470	16	19	24	0.94	120	400		386		43					47		0.47		55	0.04				
TOTAL FOR MAP NO. 2								0.470	16	19	24	0.94	120	400		386		43							47		0.47		55	0.04		
2026CPT.02.19.20161	Carteret	3	SR-1212 / AIRPORT RD	FROM END MAINTENANCE TO NC 101	1	2	2WU	0.230	18	14	12	0.46	120	191	343	209		39					37		0.29		30	0.02				
TOTAL FOR MAP NO. 3								0.230	18	14	12	0.46	120	191	343	209		39							37		0.29		30	0.02		
2026CPT.02.19.20161	Carteret	10	SR-1304 / STEEP POINT RD	FROM SR 1493 LIVE OAK ST TO END MAINTENANCE	3&5	2	2WU	0.800	19	48	40	1.60	330		253	808		78	54	1	3		128		1.00		90	0.06				
TOTAL FOR MAP NO. 10								0.800	19	48	40	1.60	330		253	808		78	54	1	3				128		1.00		90	0.06		
2026CPT.02.19.20161	Carteret	20	SR-1446 / KEVIN CT	FROM NC 101 TO END MAINTENANCE	4&5	2	2WU	0.480	20	24	24	0.96	165			510	162	46	24				48	100	0.60		55	0.04				
TOTAL FOR MAP NO. 20								0.480	20	24	24	0.96	165		510	162	46	24								48	100	0.60		55	0.04	
2026CPT.02.19.20161	Carteret	23	SR-1459 / PEARL DR	FROM CUL-DE-SAC TO SR 1493 LIVE OAK ST	4	2	2WU	0.370	20	19	19	0.74	120			400	265	43					44		0.46		45	0.02				
TOTAL FOR MAP NO. 23								0.370	20	19	19	0.74	120		400	265	43									44		0.46		45	0.02	
2026CPT.02.19.20161	Carteret	24	SR-1460 / LINDSEY CT	FROM CUL-DE-SAC TO SR 1446 KEVIN CT	5	2	2WU	0.060	20	2	3	0.12				83		5					6		0.06		10	0.01				
TOTAL FOR MAP NO. 24								0.060	20	2	3	0.12			83		5									6		0.06		10	0.01	
2026CPT.02.19.20161	Carteret	25	SR-1462 / CRYSTAL RD	FROM SR 1301 SHELL LANDIND RD TO DEAD END	4	2	2WU	0.110	20	6	6	0.22				115	74	12					13		0.14		15	0.01				
TOTAL FOR MAP NO. 25								0.110	20	6	6	0.22			115	74	12									13		0.14		15	0.01	
2026CPT.02.19.20161	Carteret	31	SR-1683 / BOBBYS DR	FROM SR 1125 LAKE RD TO SR 1786 BOBBYS DR	4	2	2WU	0.430	20	22	22	0.86	315			485	293	51					52		0.54	1	50	0.03				
TOTAL FOR MAP NO. 31								0.430	20	22	22	0.86	315		485	293	51									52		0.54	1	50	0.03	
2026CPT.02.19.20161	Carteret	32	SR-1786 / BOBBYS DR	FROM SR 1683 BOBBYS DR TO SR 1787 BACKFIELD DR	5	2	2WU	0.270	20	11	14	0.54				276		18					32		0.27		35	0.02				
TOTAL FOR MAP NO. 32								0.270	20	11	14	0.54			276		18									32		0.27		35	0.02	
2026CPT.02.19.20161	Carteret	33	SR-1787 / BACKFIELD DR	FROM DEAD END TO CUL-DE-SAC	5	2	2WU	0.160	20	6	8	0.32				187		12					19		0.16		20	0.01				
TOTAL FOR MAP NO. 33								0.160	20	6	8	0.32			187		12									19		0.16		20	0.01	
2026CPT.02.19.20161	Carteret	34	SR-1788 / ANTLER DR	FROM SR 1683 BOBBYS DR TO DEAD END	5	2	2WU	0.180	20	7	9	0.36				188		12					22		0.18		25	0.01				
TOTAL FOR MAP NO. 34								0.180	20	7	9	0.36			188		12									22		0.18		25	0.01	
2026CPT.02.19.20161	Carteret	35	SR-1789 / WHITE DOE CT	FROM CUL-DE-SAC TO SR 1788 ANTLER DR	5	2	2WU	0.060	20	2	3	0.12				96		6					7		0.06		10	0.01				
TOTAL FOR MAP NO. 35								0.060	20	2	3	0.12			96		6									7		0.06		10	0.01	
2026CPT.02.19.20161	Carteret	36	SR-1790 / FAWN VIEW CT	FROM CUL-DE-SAC TO SR 1788 ANTLER DR	5	2	2WU	0.060	20	2	3	0.12				95		6					7		0.06		10	0.01				
TOTAL FOR MAP NO. 36								0.060	20	2	3	0.12			95		6									7		0.06		10	0.01	
TOTAL FOR PROJ NO. 2026CPT.02.19.20161								4.540		234	230	9.08	1,370	1,310	1,962	4,660	794	522	78	1	3	600	200	5.37	2	550	0.35					
GRAND TOTAL								13.23		583	669	26.46	2,425	1,310	1,962	13,077	794	1,155	1,806	1	4	1,808	500	14.06	5	1,580	0.35					

4" MILL PATCHING	STA.	STA.	WIDTH	LOC.	MAP
	11+92	12+35	10'	LT	10
	14+97	15+54	7'	RT	10
	19+54	20+09	7'	RT	10
	41+66	42+00	FULL WIDTH		10
Gibbs Creek Dr (Y-Line)	0+18	0+21	FULL WIDTH		10
	12+71	13+22	10'	RT	20
	13+93	14+31	10'	LT	20
	13+00	14+26	11'	LT	7
	14+93	15+15	10'	RT	7
	15+92	16+58	10'	LT	7
	16+58	17+95	FULL WIDTH		7
	0+40	1+33	FULL WIDTH		15
	0+00	0+30	FULL WIDTH		28
	1+55	2+88	7'	RT	28
	3+43	3+82	7'	LT	28
	8+18	8+50	FULL WIDTH		28
	1+00	3+34	7'	LT	29
	2+12	2+42	7'	RT	29
	3+06	3+58	FULL WIDTH		37
	3+58	5+35	7'	RT	37
	21+16	21+66	7'	RT	37
	21+66	22+20	FULL WIDTH		37
	62+46	64+55	7'	LT	37
	64+55	65+03	12'	LT	37
	68+03	69+04	FULL WIDTH		37
	69+04	71+22	12'	LT	37
	71+22	72+58	FULL WIDTH		37
	73+26	73+67	12'	RT	37
	87+58	90+77	11'	LT	37
	91+65	92+01	FULL WIDTH		37
	92+01	95+46	7'	LT	37
	95+46	98+29	FULL WIDTH		37
	99+83	101+33	7'	LT	37
	100+45	101+33	7'	RT	37
	101+33	101+87	FULL WIDTH		37
	102+92	103+28	FULL WIDTH		37
	103+28	105+18	7'	LT	37
	105+62	108+04	11'	LT	37
	108+04	108+86	7'	LT	37
	111+08	113+11	7'	LT	37
	114+42	115+07	7'	LT	37
	119+53	120+31	11'	LT	37
	120+31	121+65	FULL WIDTH		37
	123+20	124+76	7'	RT	37
	124+96	126+36	12'	LT	37
	126+36	127+00	7'	LT	37
	131+89	132+39	7'	LT	37
	132+71	135+30	FULL WIDTH		37
	135+30	136+43	7'	RT	37
	144+02	144+75	11'	RT	37
	144+75	147+75	7'	LT	37
	148+98	151+00	11'	LT	37
	205+26	209+60	7'	RT	37

4" DEPTH MILL PATCHING DETAIL MAPS 7, 15, 28, AND 29

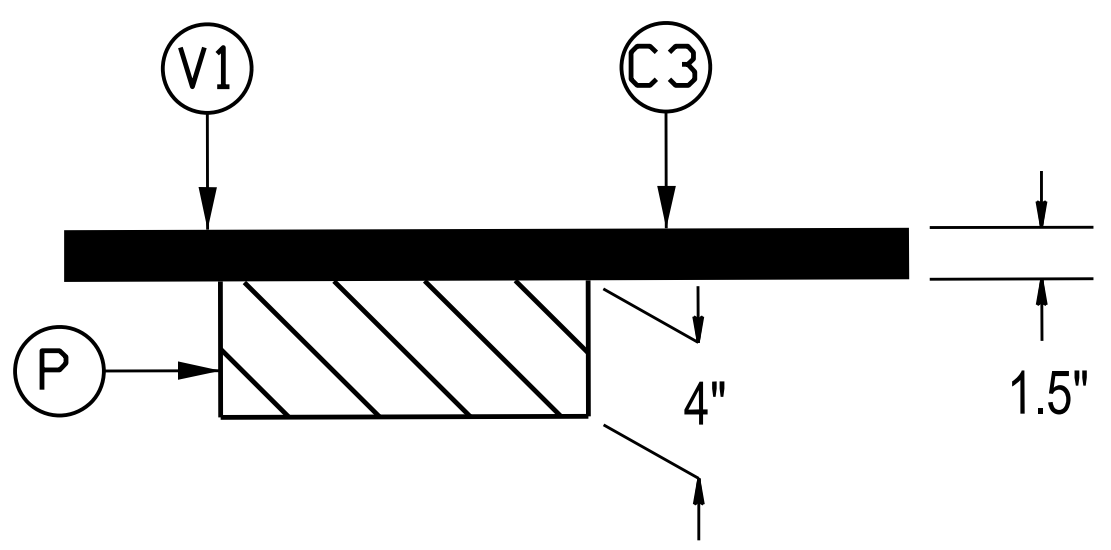


PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.25" OF ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
V1	INCIDENTAL MILLING
P	4" DEPTH MILL PATCHING W/ B25.0C
DRAWINGS NOT TO SCALE	

NOTE:

1. THE CONTRACTOR SHALL PERFORM ANY UNIFORM OR INCIDENTAL MILLING AT TIE-INS BEFORE PERFORMING THE 4" DEPTH MILL PATCHING.
2. THE CONTRACTOR SHALL PERFORM THE MILL PATCHING REMOVAL AND REPLACEMENT IN THE SAME DAY.
3. 4" DEPTH MILL PATCHING SHALL BE PERFORMED AT LOCATIONS AS SHOWN ON SHEET 7, AND AS DIRECTED BY THE ENGINEER.

4" DEPTH MILL PATCHING DETAIL MAPS 10, 20, AND 37

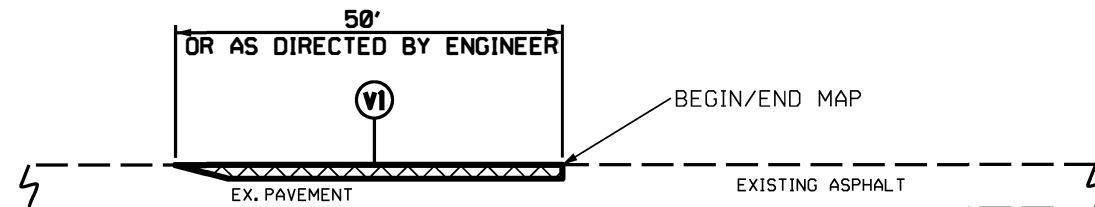


PAVEMENT SCHEDULE	
C3	PROP. APPROX. 1.5" OF ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 165.0 LBS. PER SQ. YD.
V1	INCIDENTAL MILLING
P	4" DEPTH MILL PATCHING W/ B25.0C
DRAWINGS NOT TO SCALE	

NOTE:

1. THE CONTRACTOR SHALL PERFORM ANY UNIFORM OR INCIDENTAL MILLING AT TIE-INS BEFORE PERFORMING THE 4" DEPTH MILL PATCHING.
2. THE CONTRACTOR SHALL PERFORM THE MILL PATCHING REMOVAL AND REPLACEMENT IN THE SAME DAY.
3. 4" DEPTH MILL PATCHING SHALL BE PERFORMED AT LOCATIONS AS SHOWN ON SHEET 7, AND AS DIRECTED BY THE ENGINEER.

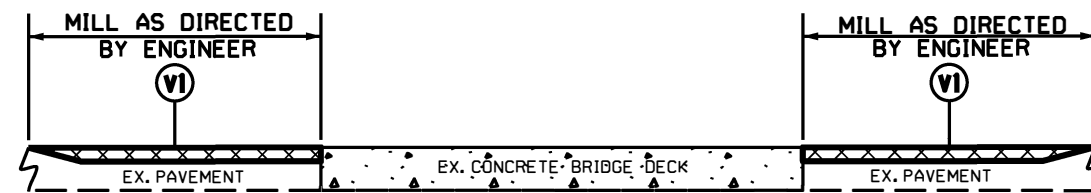
MILLING TYPICALS



DETAIL 1
BEGIN/END MAP TIE-IN

NOTE:

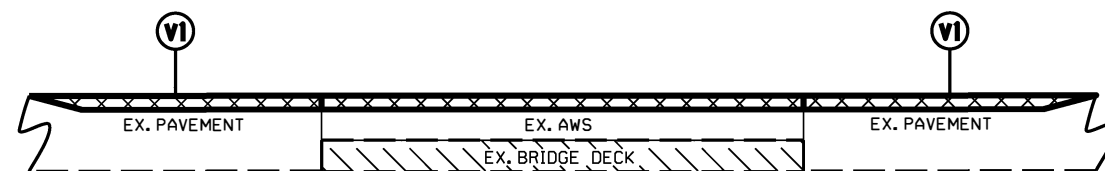
- MILLING SHALL BE PERFORMED AT MAIN LINE TIE-INS AND Y-LINE TIE-INS AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.



DETAIL 2
BRIDGE MILLING

NOTE:

- MILLING SHALL BE PERFORMED AT THE BRIDGE APPROACHES AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.

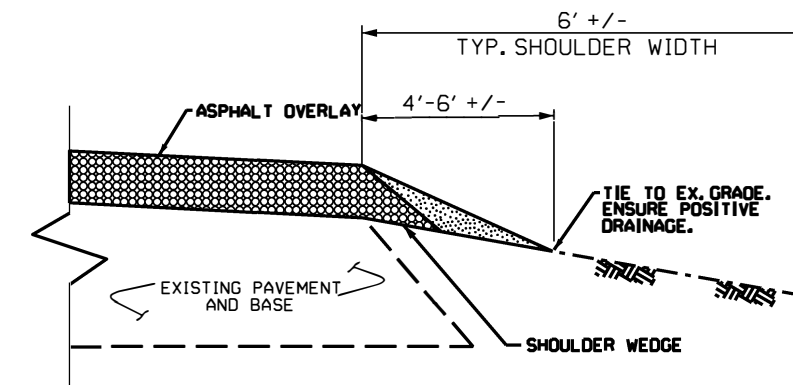


DETAIL 3
BRIDGE MILLING

NOTE:

- INCLUDES MILLING FOR THE ENTIRE WIDTH OF THE BRIDGE WEARING SURFACE, AS DIRECTED BY THE ENGINEER.

SHOULDER RECONSTRUCTION TYPICAL

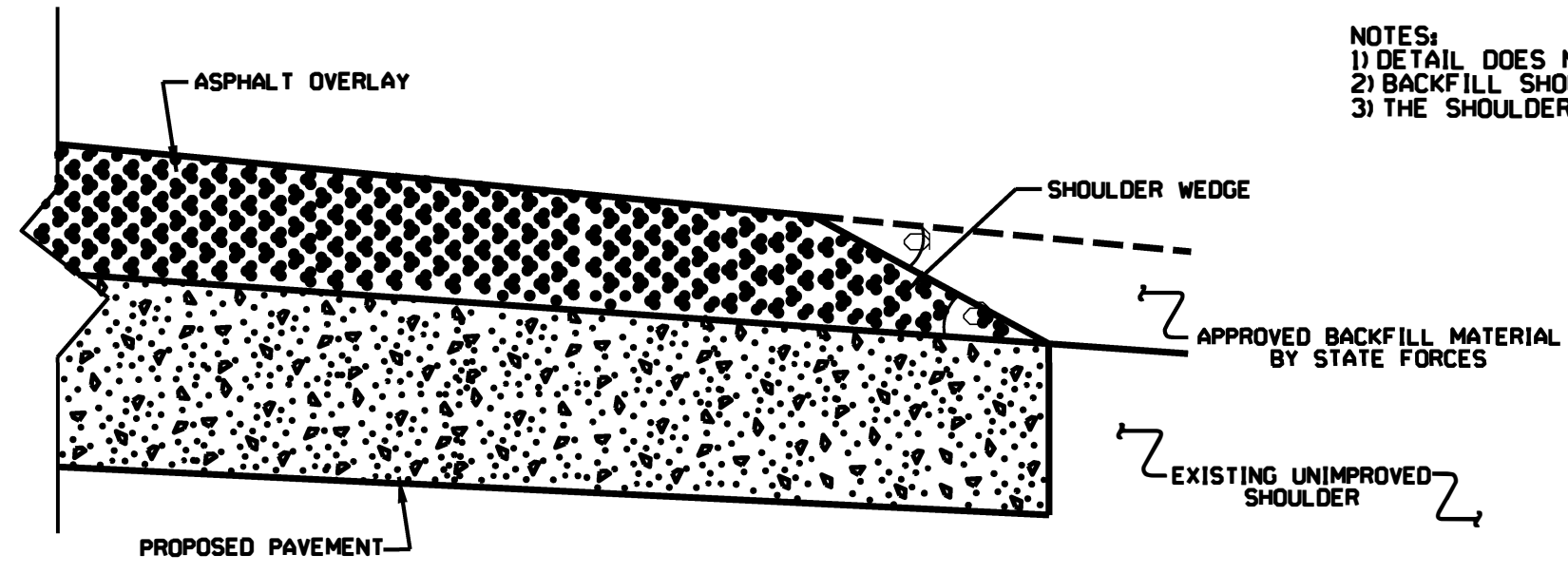


SHOULDER RECONSTRUCTION DETAIL

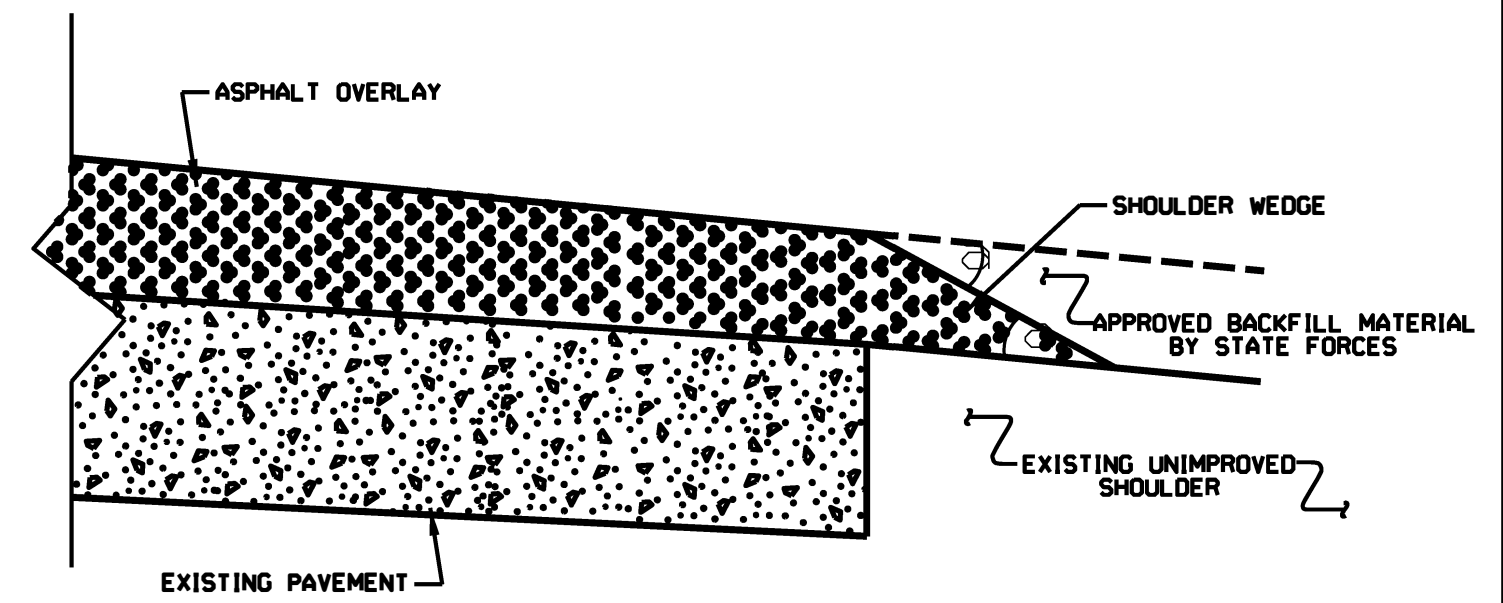
NOTE:

- SHOULDERS SHALL BE RECONSTRUCTED AS SHOWN IN STD. DWG. NO. 560.01 & 560.02, WITH A MINIMUM SLOPE OF 1" PER FOOT TO ENSURE POSITIVE DRAINAGE AWAY FROM THE ROADWAY.
- A VEGETATIVE BUFFER SHALL BE MAINTAINED BETWEEN THE DISTURBED AREA ALONG THE EDGE OF PAVEMENT AND THE DITCH SHOULDER POINT TO MINIMIZE EROSION. PULLING DITCHES OR CUTTING SHOULDERS TO GENERATE BORROW MATERIAL WILL NOT BE ALLOWED.
- REQUIRED BORROW MATERIAL MAY BE OBTAINED FROM NCDOT STOCKPILES. ANY EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR IN AN APPROVED DISPOSAL SITE.

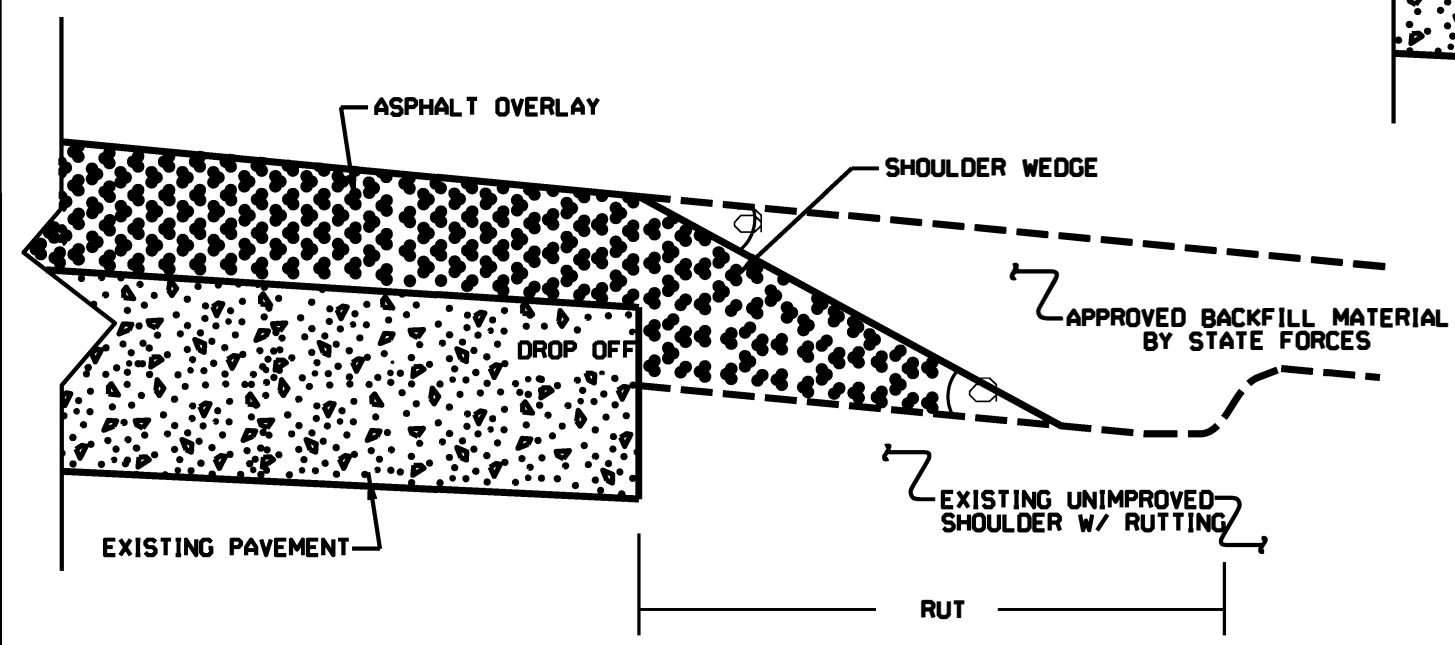
- NOTES:
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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 DETAIL
 (Resurfacing Adjacent to
 Rutted Shoulder)

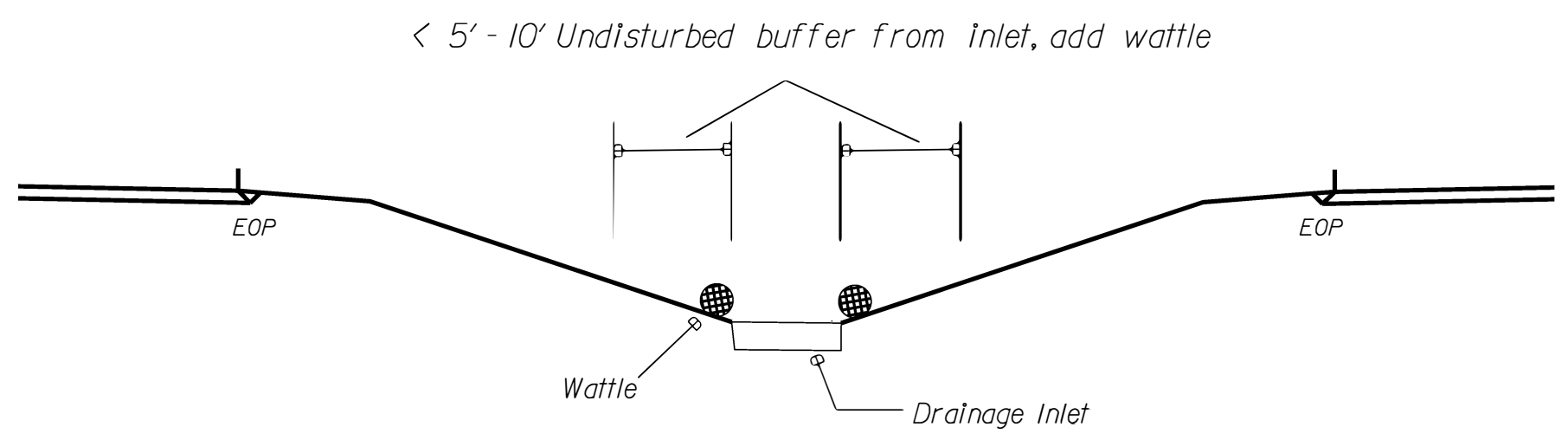
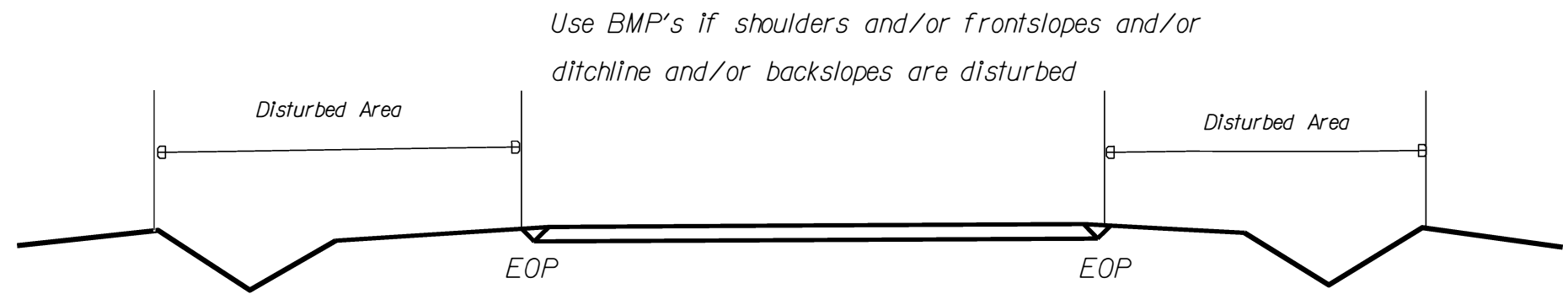
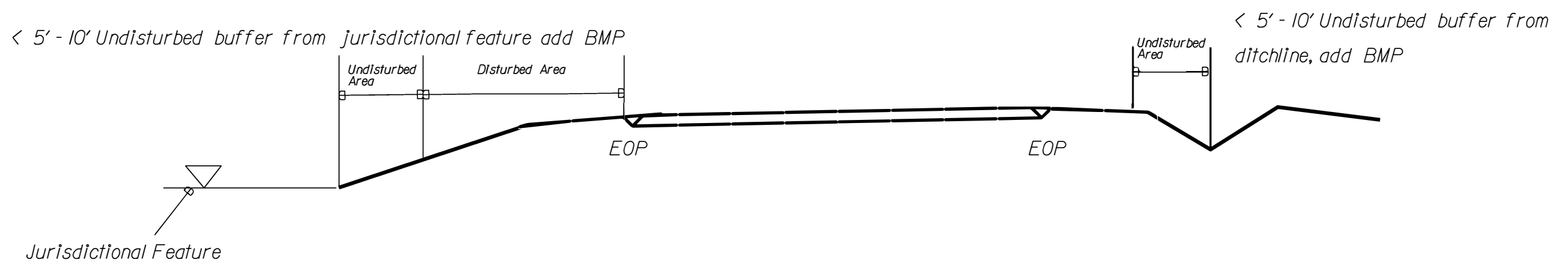
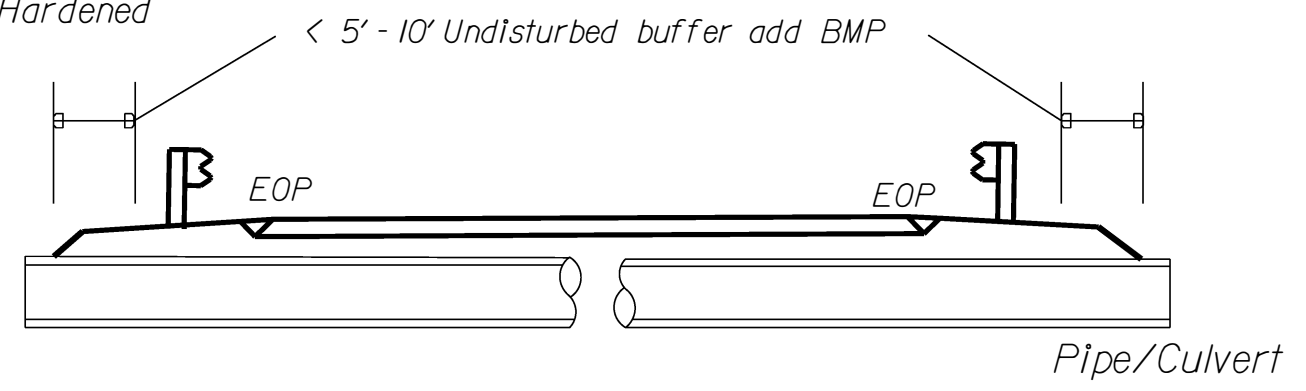
- SHOULDER WEDGE ANGLE = 30°

**SHOULDER WEDGE
 DETAILS**

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

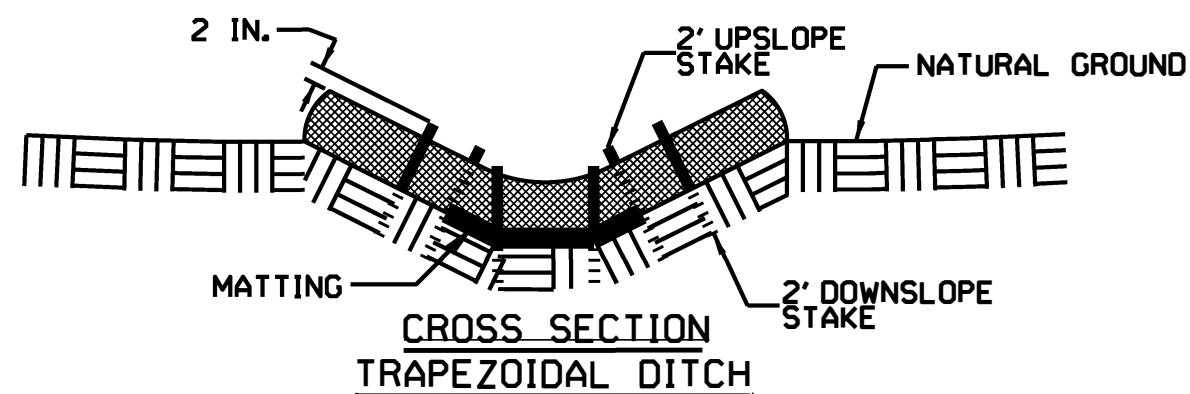
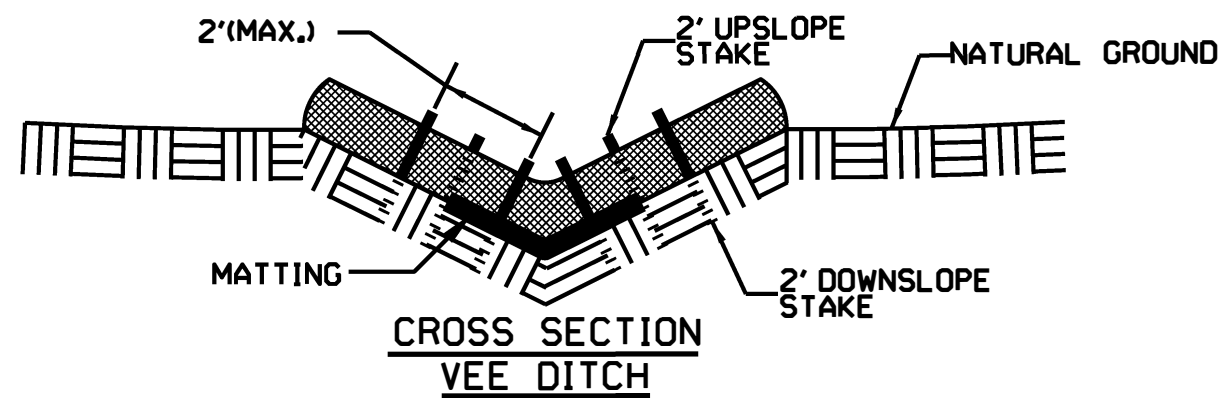
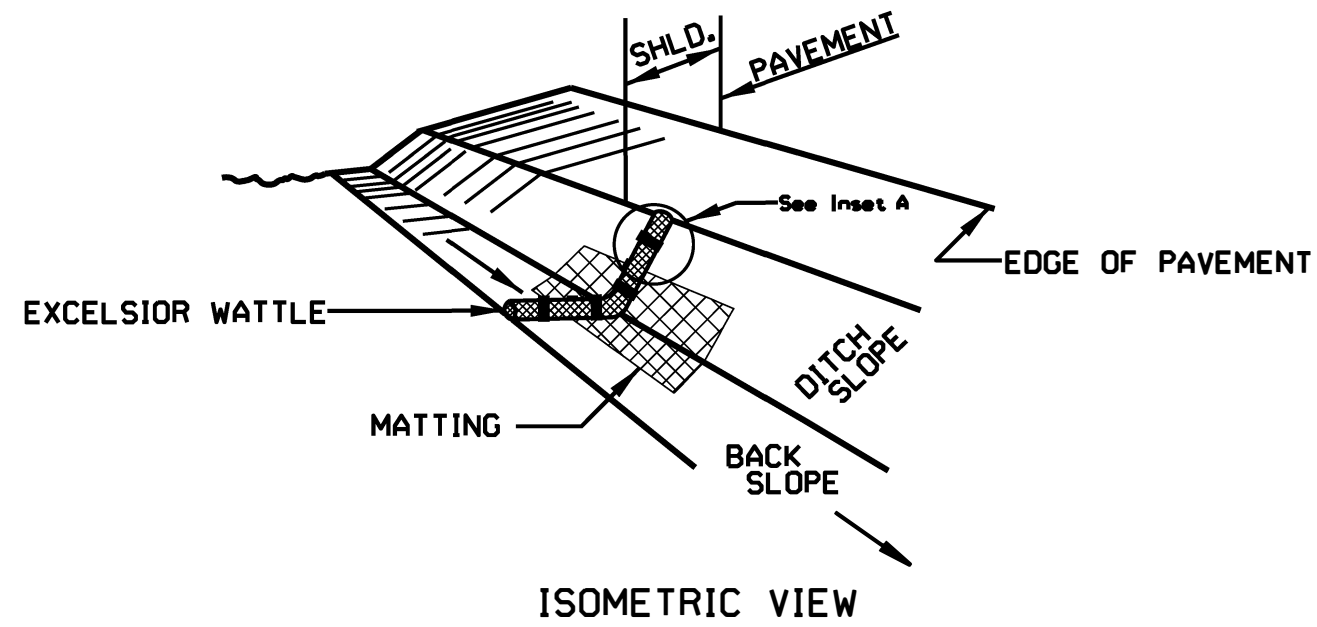
BMP Options: Wattle, Silt Fence or Hardened Aggregate.

EROSION CONTROL DETAIL



NOT TO SCALE

WATTLE DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

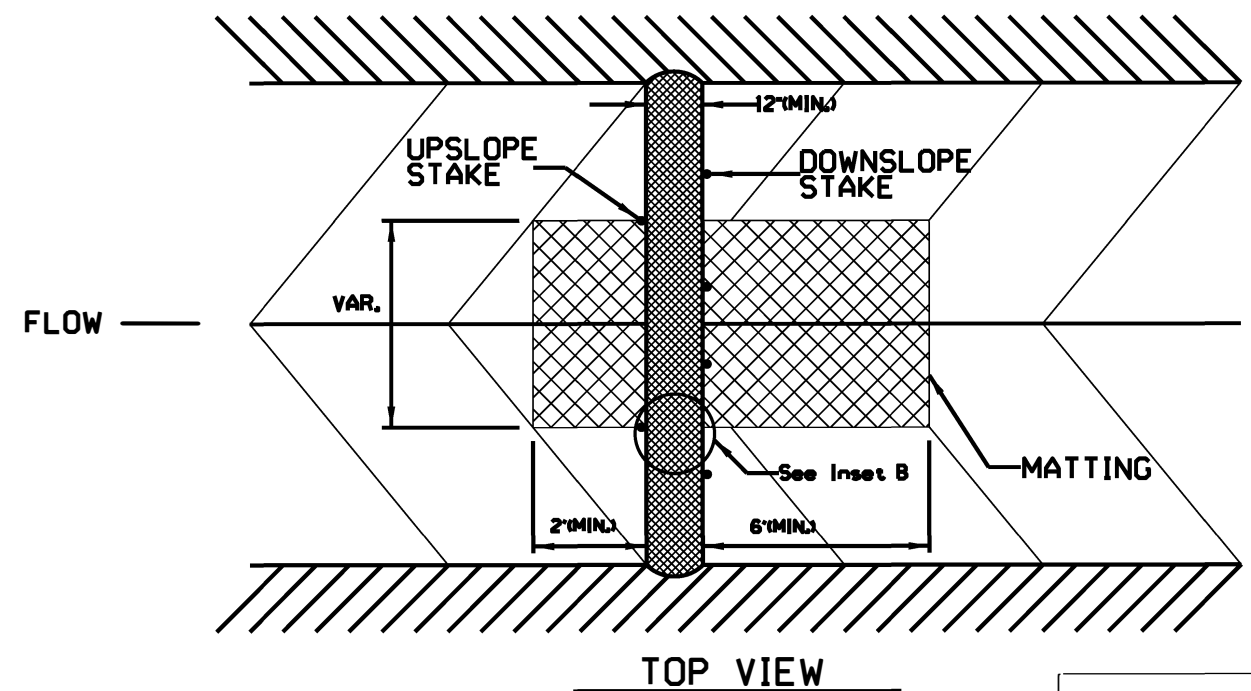
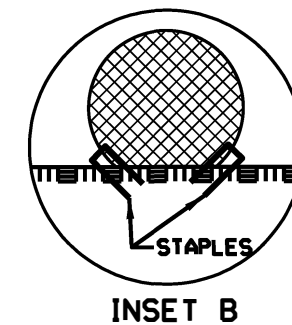
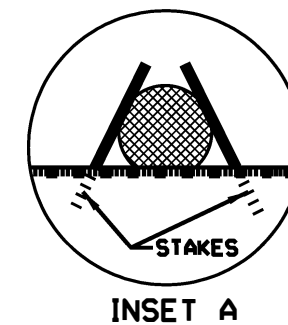
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

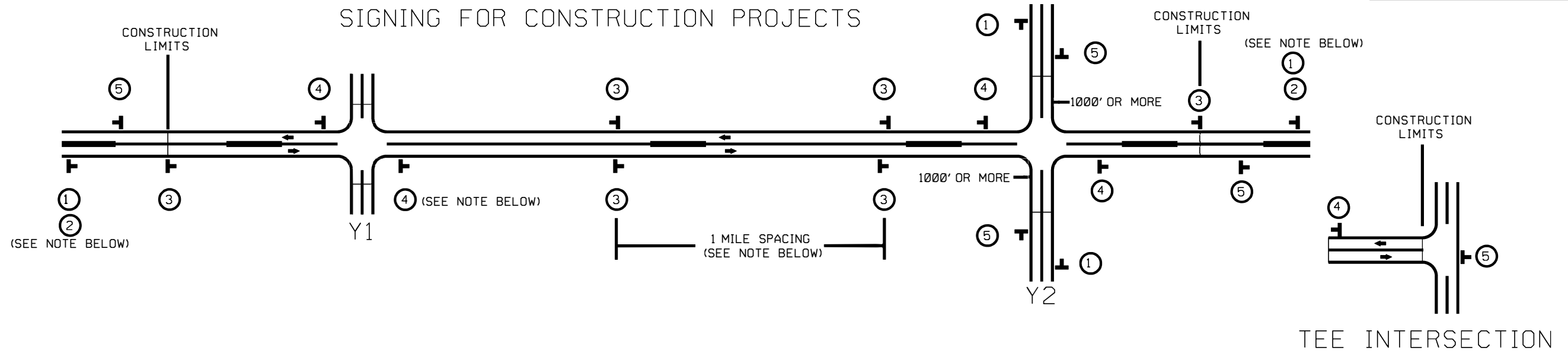
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



NOT TO SCALE

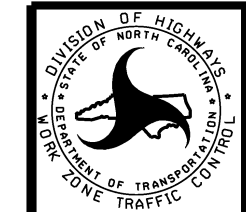
SIGNING FOR CONSTRUCTION PROJECTS



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	<p>①</p> <p>ROAD WORK AHEAD W20-1 48" X 48"</p>	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p>	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>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.</p> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
	<p>②</p> <p>NEXT MILE W7-3aP 24" X 18"</p>	<p>#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)</p>	
	<p>③</p> <p>LOW/SOFT SHOULDER SP-13107 48" X 48"</p>	<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. 	
	<p>④</p> <p>ROAD UNDER CONST SP-13106 48" X 48"</p>	<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. 	
	<p>⑤</p> <p>END ROAD WORK G20-2 A 48" X 24"</p>	<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>	



CONSTRUCTION PROJECTS
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS