

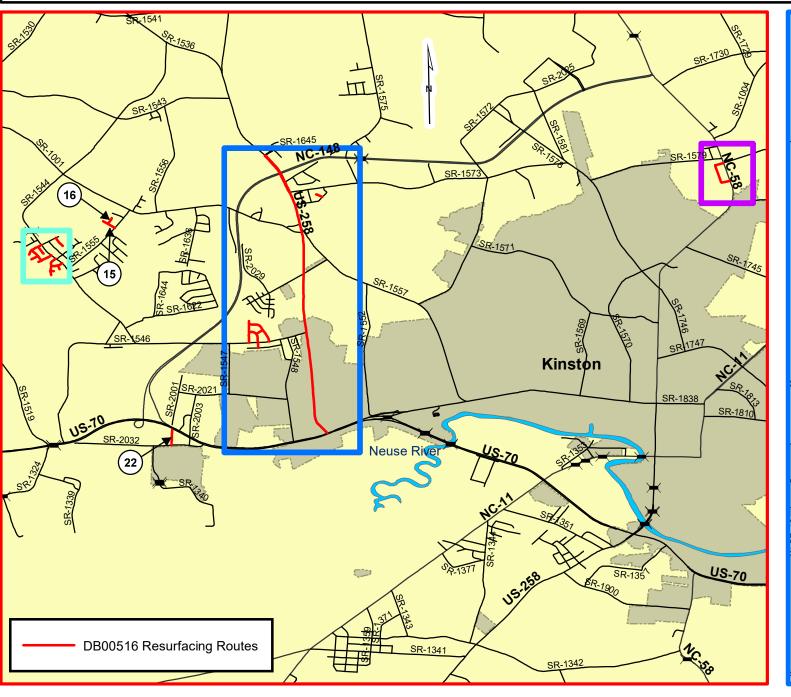
LENOIR COUNTY DB00516

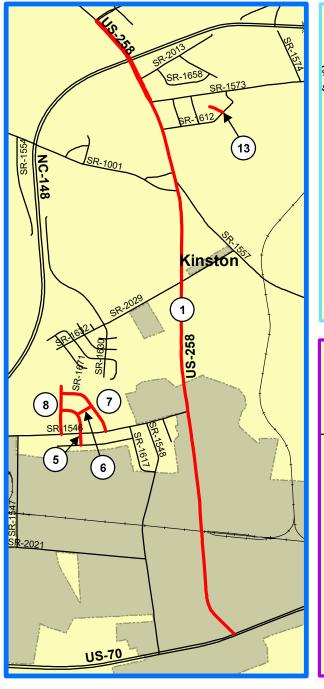
WBS# 2022CPT.02.14.10541 2022CPT.02.15.20541

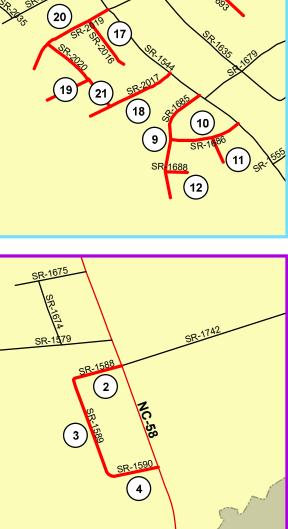
TYPE OF WORK: MILLING, RESURFACING

PROJECT REFERENCE NO.	SHEET NO.
DB00516	1





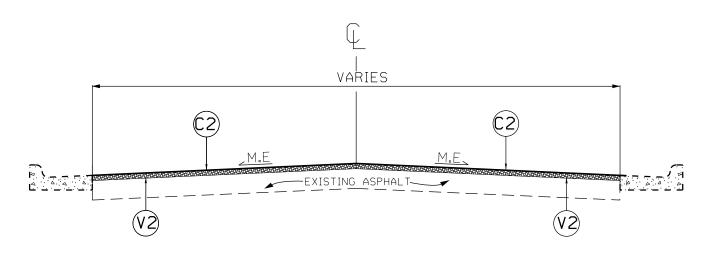




PROJECT REFERENCE NO. SHEET NO. DB005/6 2

TYPICAL SECTION NO. 1

MAP 1

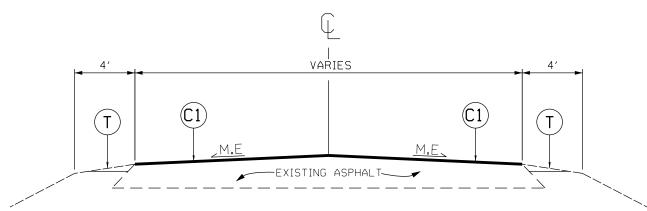


NOTE:

- 1. PERFORM 2" DEPTH MILLING FROM CURB AND GUTTER TO CURB AND GUTTER, FULL WIDTH.
- 2. PLACE ASPHALT SURFACE COURSE 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.

TYPICAL SECTION NO. 2

MAP 2 THRU 22



NOTE:

- 1. PERFORM 4" DEPTH MILL PATCHING AT LOCATIONS AND WIDTHS AS SHOWN ON SHEET 3. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT.
- 2. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT.
- 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. 1.5' ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 165 LBS. PER SO. YD.
C2	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 224 LBS. PER SO. YD.
V1	INCIDENTAL MILLING
٧2	MILLING DEPTH 2" FOR THE ENTIRE WIDTH OF ROADWAY
Τ	SHOULDER RECONSTRUCTION
	DRAWINGS NOT TO SCALE

NOTE: PAVEMENT EDGE SLOPES ARE I: IUNLESS SHOWN OTHERWISE.

PROJECT NO.	SHEET NO.	TOTAL NO.
DB00516	3	

SUMMARY OF QUANTITIES

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PROJECT NO	COLINTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE	FINAL	WARM MIY	LENGTH	WIDTH	INCIDENTAL	2"	INCIDENTAL	SURFACE	SURFACE	ASPHALT	4" DEPTH	2845000000-N ADJ. OF METER	ADJ. OF	TEMPORARY	LAW
PROJECT NO	COUNTY	IVIAP INO	ROOTE	DESCRIPTION	TIPNO	LANES	TYPE		ASPHALT	LENGTH	WIDIN	STONE BASE		MILLING	COURSE, S9.5B	COURSE, S9.5C	BINDER FOR		OR VALVE BOX		TRAFFIC	ENFORCEMENT
							1	TESTING	REQUIRED			STORE DASE	IVIILLIIVO	WILLIAM	COOKSE, 33.3B	COOKSE, 33.3C	PLANT MIX		OK VALVE BOX	IVIANIOLES	CONTROL	EIN ONCEWEN
								REQUIRED	go									EXISTING				
																		PAVEMENT -				
																		B 25.0 C				
										МІ	FT	TONS	SY	SY	TONS	TONS	TONS	TON	EA	EA	LS	HR
				FROM 70 TO 500' N OF SR 1645																		
2022CPT.02.14.10541	Lenoir	1	US 258 NORTH	COUNTRY SQUIRE RD	1	5	MU	NO	NO	3.77	75		155,000	500		18,000	1,080		4	2	0.38	48
		L FOR MAP							-	3.77			155,000	500		18,000	1,080		4	2	0.38	48
тот	TAL FOR PRO	J NO. 2022	CPT.02.14.10541							3.77			155,000	500		18,000	1,080		4	2	0.38	48
2022CPT.02.15.20541	Lenoir	2	SR 1588 RAE RD	FROM SR1589 TO NC 58	2	2	2WU	NO	NO	0.09	20			500	100		7	30			0.02	
	TOTA	L FOR MAP	NO. 2							0.09				500	100		7	30			0.02	
2022CPT.02.15.20541	Lenoir	3	SR 1589 LANE ST	FROM SR 1590 TO SR 1588	2	2	2WU	NO	NO	0.23	20	12		300	300		20	130			0.04	
	TOTA	L FOR MAP	NO. 3							0.23		12		300	300		20	130			0.04	
2022CPT.02.15.20541	Lenoir	4	SR 1590 BRIARY DR	FROM NC 58 TO SR 1589	2	2	2WU	NO	NO	0.09	20			300	100		7	20			0.02	
	TOTA	L FOR MAP								0.09				300	100		7	20			0.02	
2022CPT.02.15.20541			SR 1596 MAPLE LEAF RD	FROM SR 1599 TO SR 1616	2	2	2WU	NO	NO	0.24	20			300	300		20	10			0.04	
	TOTA	L FOR MAP	NO. 5							0.24				300	300		20	10			0.04	
2022CPT.02.15.20541				FROM SR 1596 TO SR 1598	2	2	2WU	NO	NO	0.08	18			300	100		7				0.02	
		L FOR MAP								0.08				300	100		7				0.02	
2022CPT.02.15.20541	Lenoir	7	SR 1598 - CRESTVIEW ST	FROM SR 1599 TO SR 1546	2	2	2WU	NO	NO	0.33	19			300	350		23				0.06	
	TOTA	L FOR MAP	NO. 7							0.33				300	350		23				0.06	
2022CPT.02.15.20541	Lenoir	8	SR 1599 - HOLLY RIDGE RD	FROM SR 1546 TO END MAINT	2	2	2WU	NO	NO	0.27	20			300	300		20				0.04	
	TOTA	L FOR MAP	NO. 8							0.27				300	300		20				0.04	
2022CPT.02.15.20541			SR 1685 - PICADILLY RD	FROM DEAD END TO SR 1544	2	2	2WU	NO	NO	0.22	18			300	250		17	35			0.04	
		L FOR MAP								0.22				300	250		17	35			0.04	
2022CPT.02.15.20541			SR 1686 - YARDLY LN	FROM SR 1685 TO SR 1544	2	2	2WU	NO	NO	0.12	18			300	150		10	40			0.02	
		L FOR MAP								0.12				300	150		10	40			0.02	
2022CPT.02.15.20541			SR 1687 - BUCKINGHAM RD	FROM CUL-DE-SAC TO SR 1686	2	2	2WU	NO	NO	0.04	19			300	100		7				0.02	
		L FOR MAP					1			0.04				300	100		7				0.02	
2022CPT.02.15.20541			SR 1688 - DOWNING CT	FROM SR 1685 TO CUL-DE-SAC	2	2	2WU	NO	NO	0.04	18			300	100		7	5			0.02	
		L FOR MAP					1			0.04				300	100		7	5			0.02	
2022CPT.02.15.20541			SR 1689 - GOLD LEAF CIRCLE	FROM CUL-DE-SAC TO SR 1612	2	2	2WU	NO	NO	0.07	18			500	150		10	5			0.02	
		L FOR MAP							_	0.07				500	150		10	5			0.02	
2022CPT.02.15.20541			SR 1693 - ABBY CT	FROM SR 1634 TO CUL-DE-SAC	2	2	2WU	NO	NO	0.13	18			300	150		10	50			0.02	
2022007 02 45 205 44		L FOR MAP		50014 0510 510 50 60 4555	_	-	214/11			0.13	40			300	150		10	50			0.02	
2022CPT.02.15.20541			SR 1694 - SPRING BRANCH RD	FROM DEAD END TO SR 1555	2	2	2WU	NO	NO	0.13	18			300	120		8				0.02	
2022CDT 02 45 205 44		L FOR MAP		FROM CRITICOL TO CITE RE CAC	_	_	214/11	NO	NO	0.13	10			300	120		8 7	-			0.02	
2022CPT.02.15.20541		L FOR MAP	SR 1695 - SPRING COURT RD	FROM SR 1694 TO CUL-DE-SAC	2		2WU	NO	NO	0.08	18			300 300	100		7	-			0.02 0.02	
2022CDT 02 45 205 44				FROM SR 2019 TO CUL-DE-DAC	2	_	214/11	NO	NO		20				100			-	2			
2022CPT.02.15.20541		17 L FOR MAP	SR 2016 - ALISON RD	FROW SR 2019 TO COL-DE-DAC			2WU	NO	NO	0.10	20	1		300 300	150 150		10 10	+		1	0.02 0.02	
2022CPT.02.15.20541			SR 2017 - CAROLINE NICOLE DR	FROM CUL-DE-SAC TO SR 1544	2	2	2WU	NO	NO	0.10 0.15	20	1	-	300	200		13	100	2	1	0.02	1
2022CF1.02.13.20541		L FOR MAP		TROWICUL-DE-SAC TO SR 1544			2000	INU	INU	0.15	20	 		300	200		13	100		 	0.04	1
2022CPT.02.15.20541			SR 2018 - DEXTER CIRCLE	FROM CUL-DE-SAC TO SR 2020	2	2	2WU	NO	NO	0.13	20	 		300	150		10	100		 	0.04	1
202201 1.02.10.20041		L FOR MAP					2440	1,10	110	0.08	20	1		300	150		10	10		1	0.02	1
2022CPT.02.15.20541			SR 2019 - DOUG DR	FROM CUL-DE-SAC TO SR 1544	2	2	2WU	NO	NO	0.17	20	1		300	200		13	5		1	0.04	1
		L FOR MAP			_	_				0.17		1		300	200		13	5		1	0.04	1
2022CPT.02.15.20541			SR 2020 - SYBIL DR	FROM SR 2019 TO SR 2017	2	2	2WU	NO	NO	0.16	20	†		300	200		13	150	4	†	0.04	1
322332.131.23341		L FOR MAP			_	Ė				0.16		1		300	200		13	150	4	1	0.04	1
2022CPT.02.15.20541			SR 2030 - INNOVATION WAY	FROM SR 2032 TO DEAD END	2	2	2WU	NO	NO	0.18	24	1		200	300		20		· ·	1	0.04	1
		L FOR MAP								0.18		İ		200	300		20			İ	0.04	
тот			CPT.02.15.20541							3.00		12		6,600	3,870		259	590	6	İ	0.62	1
												İ		,,	-,-				-	İ		İ
		RAND TOTA	AL							6.77		12	155,000	7,100	3,870	18,000	1,339	590	10	2	1	48
												1			1					1		
															•							

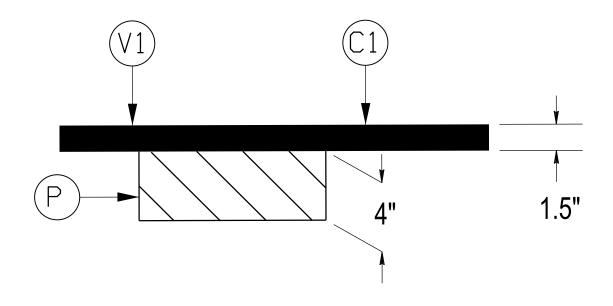
	CTA	CTA	MUDTU	144D
	STA.	STA.	WIDTH	MAP
4" MILL PATCH	0+28	0+70	10' RT	2
	1+26	1+50	7' RT	2
	4+11	4+41	10' LT	2
	0+00	0+29	22'	3
	0+58	1+11	7' LT	3
	2+95	3+80	7' LT	3
	4+65	5+08	7' LT	3
	7+98	8+12	7' LT	3
	8+17	8+29	7'/CL	3
	8+37	8+83	7' RT	3
	8+69	10+65	7' LT	3
	11+02	11+59	7' LT	3
	11+87	12+12	RT/RAD	3
	4+38	4+63	24'	4
	6+99	7+43	7' RT	5
	0+36	0+50	7' LT	9
•	1+70	2+00	7' LT	9
	4+53	4+85	7' LT	9
	5+53	6+18	7' LT	9
	0+00	0+50	7'/CL	10
	2+27	2+80	7'/CL	10
	3+30	3+73	7'/CL	10
	3+73	3+88	7' RT	10

	STA.	STA.	WIDTH	MAP
4" MILL PATCH	0+00	0+10	7' LT/RAD	12
	0+38	0+56	7' LT/RAD	13
	4+18	4+30	7'/CL	14
	4+59	4+80	9' RT	14
	5+04	5+20	9' RT	14
	5+44	5+75	20'	14
	5+75	5+83	7'/CL	14
	1+37	3+74	7'/CL	18
	4+51	4+69	7'/CL	18
	4+83	5+03	7'/CL	18
	5+28	7+58	7'/CL	18
	3+96	4+08	14' LT/RT	19
	4+20	4+39	7'/CL	20
	6+13	6+23	7' RT	20
	0+00	0+18	7' LT	21
	2+91	3+43	20'	21
	3+61	4+02	20'	21
	5+55	5+96	20'	21
	5+96	7+12	10' LT	21
	8+06	8+31	10' LT	21

PROJECT REFERENCE NO.	SHEET NO.
DR00516	4

4" DEPTH MILL PATCHING DETAIL

MAP 2,3,4,5,9,10,12 13,14,18,19,20,21

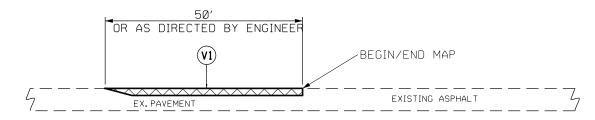


	PAVEMENT SCHEDULE
C1	PROP. APPROX. 1.5" OF ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AVERAGE RATE OF 165.0 LBS. PER SQ. YD.
V1	INCIDENTAL MILLING
Р	4" DEPTH MILL PATCHING W/ B 25.0C
	DRAWINGS NOT TO SCALE

NOTE:

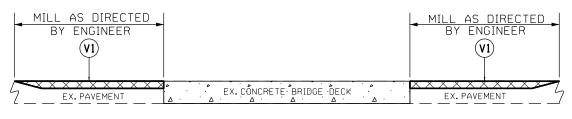
- 1. THE CONTRACTOR SHALL PERFORM ANY UNIFORM OR INCIDENTAL MILLING AT TIE-INS BEFORE PERFORMING THE 4" DEPTH MILL PATCHING.
- 2. THE CONTRACTOR SHALL PERFORM THE MILL PATCHING REMOVAL AND REPLACEMENT IN THE SAME DAY.
- 3. 4" DEPTH MILL PATCHING SHALL BE PERFORMED AT LOCATIONS AS SHOWN ON SHEET 3, AND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

PROJECT REFERENCE NO DIV 2-I



DFTAIL 1 BEGIN/END MAP TIE-IN

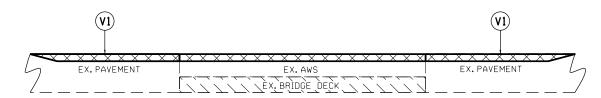
NOIE: MILLING SHALL BE PERFORMED AT MAIN LINE TIE-INS AND Y-LINE TIE-INS AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.



DETAIL 2 BRIDGE MILLING

NOTE:

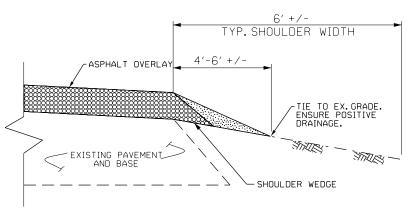
MILLING SHALL BE PERFORMED AT THE BRIDGE APPROACHES AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.



DETAIL 3 BRIDGE MILLING

NOTE:

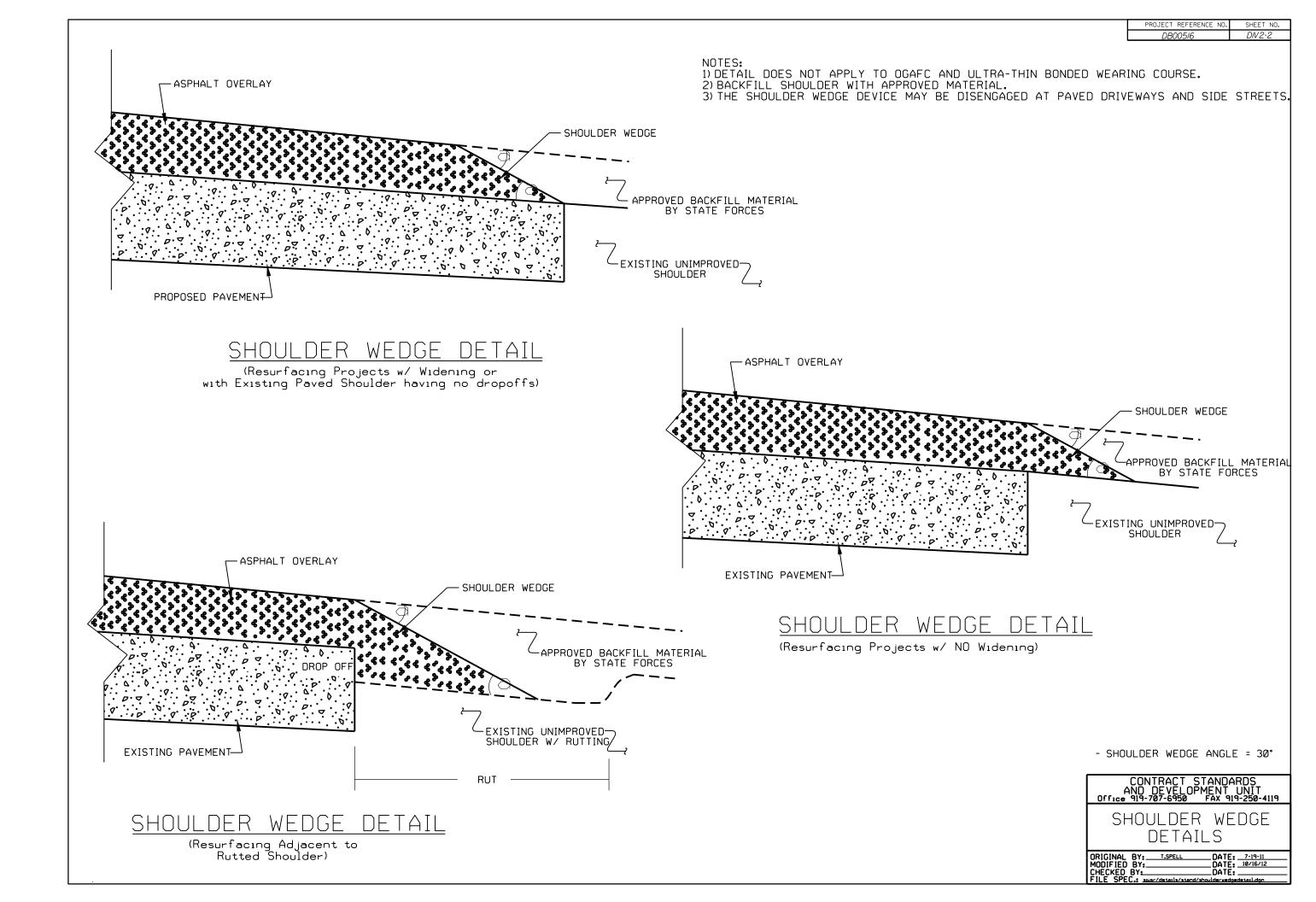
1. INCLUDES MILLING FOR THE ENTIRE WIDTH OF THE BRIDGE WEARING SURFACE, AS DIRECTED BY THE ENGINEER.

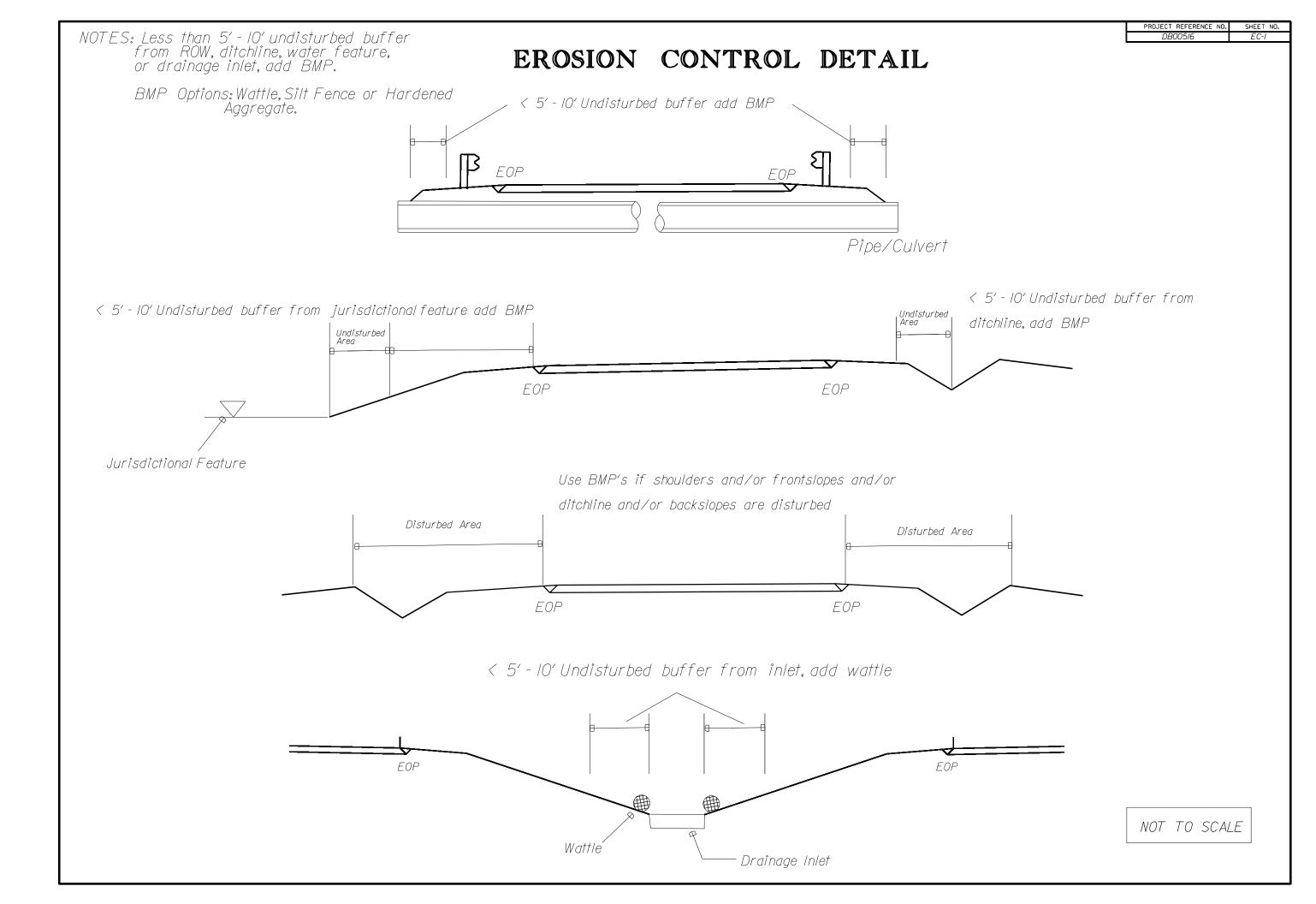


SHOULDER RECONSTRUCTION DETAIL

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.

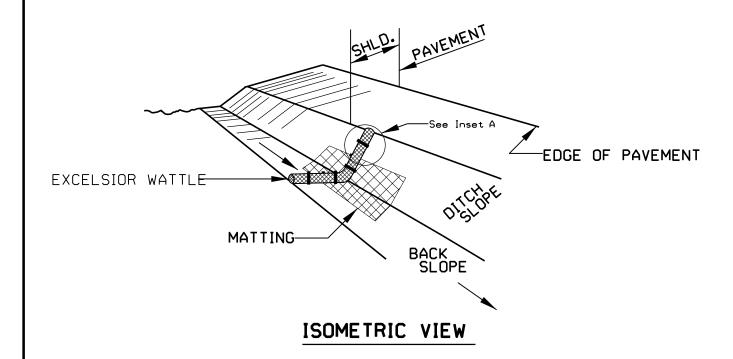


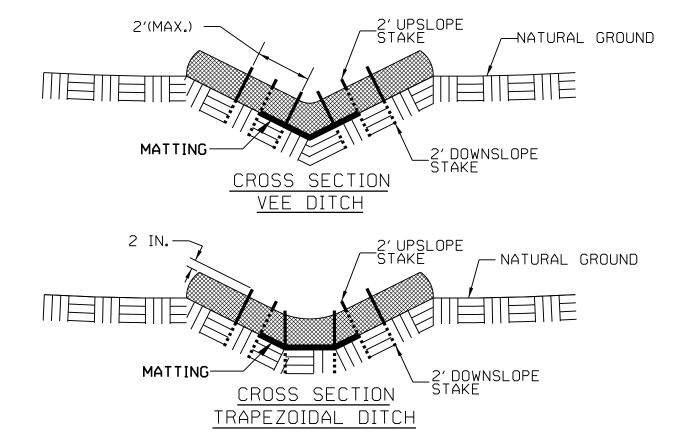


PROJECT REFERENCE NO. SHEET NO.

DB005/6 FC-2

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.

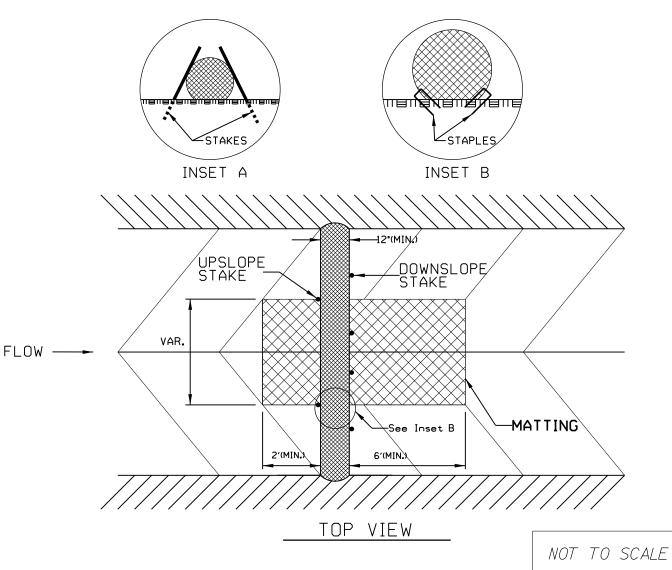
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

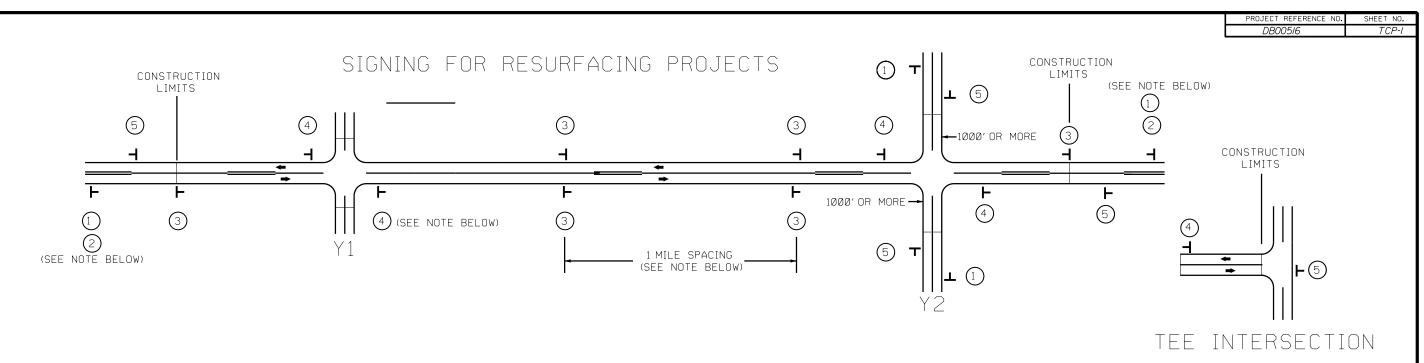
INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

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.

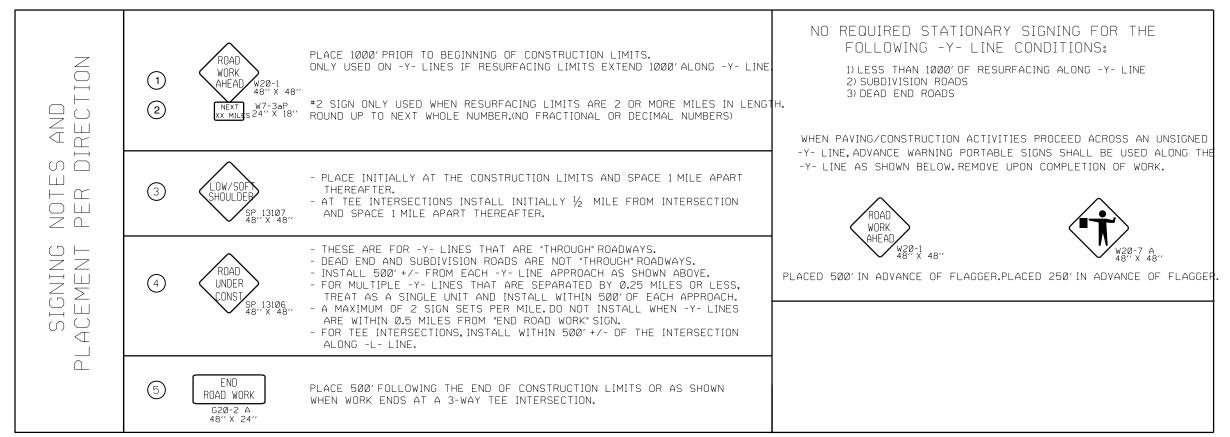


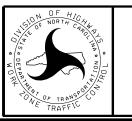


LEGEND ► STATIONARY SIGN ← DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING





RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS