

## CRAVEN, CARTERET & PAMLICO COUNTIES DB00582

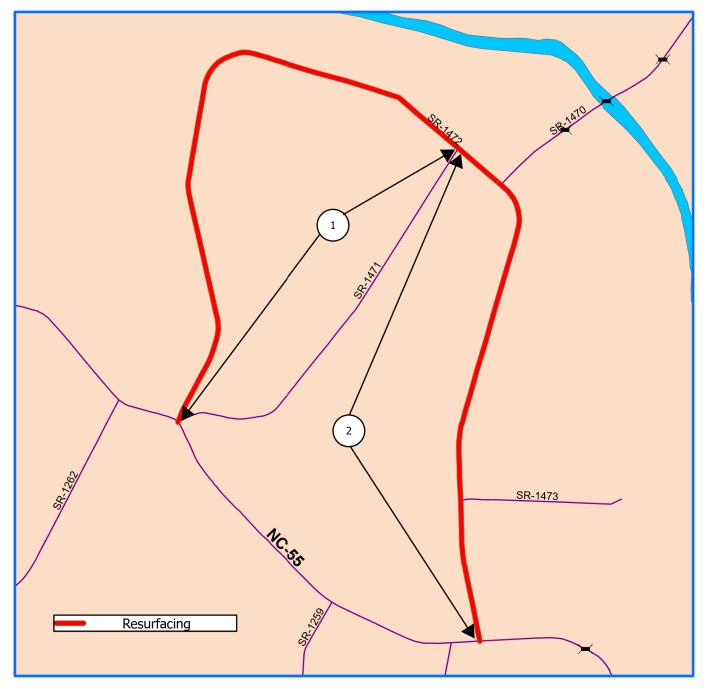
WBS# 2024CPT.02.16.20251 2024CPT.02.17.20161 2024CPT.02.18.20691

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

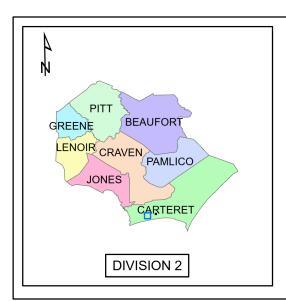
PROJECT REFERENCE NO. SHEET NO.
DB00582 1



NCDOT DIVISION 2







# CRAVEN, CARTERET & PAMLICO COUNTIES DB00582

WBS# 2024CPT.02.16.20251 2024CPT.02.17.20161 2024CPT.02.18.20691

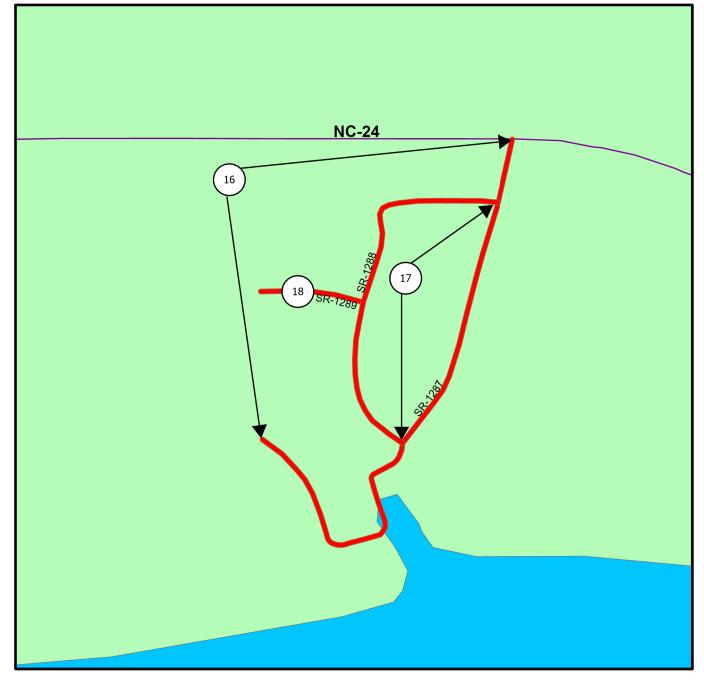
TYPE OF WORK : MILL PATCHING, STRENGTHENING, RESURFACING, AND SHOULDER RECONSTRUCTION

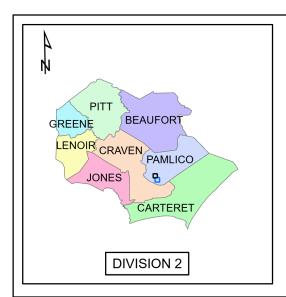
PROJECT REFERENCE NO.	SHEET NO.
DB00582	2



NCDOT DIVISION 2







# CRAVEN, CARTERET & PAMLICO COUNTIES DB00582

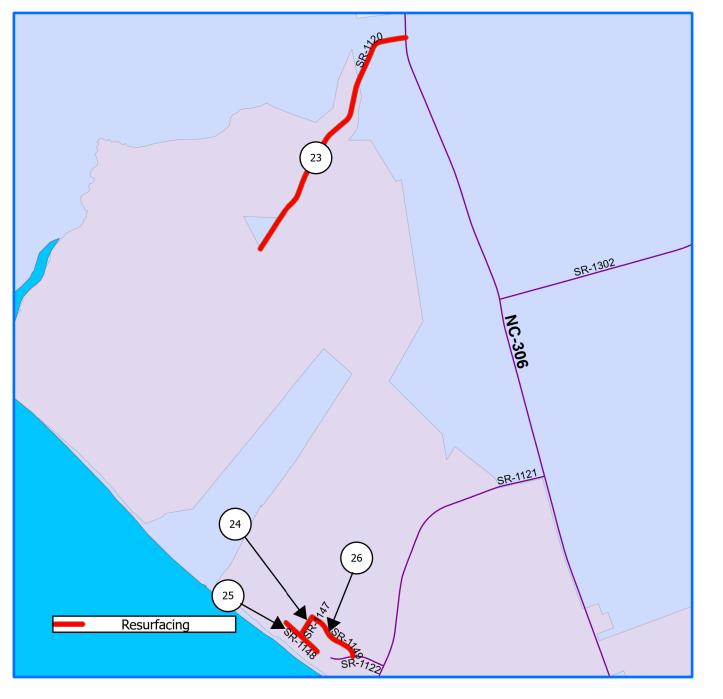
WBS# 2024CPT.02.16.20251 2024CPT.02.17.20161 2024CPT.02.18.20691

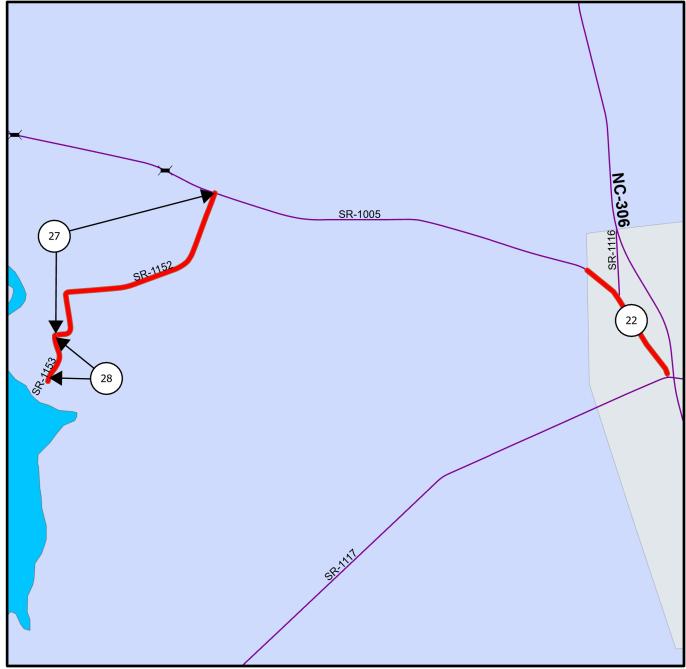
TYPE OF WORK : MILL PATCHING, STRENGTHENING, RESURFACING, AND SHOULDER RECONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
DD00592	3



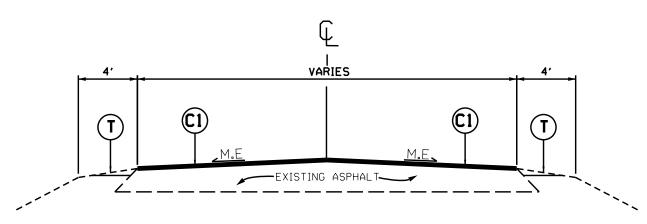
NCDOT DIVISION 2





### TYPICAL SECTION NO.1

MAPS 1, AND 3 THRU 28



#### NOTE:

- 1. PERFORM FULL DEPTH MILL PATCHING AT LOCATIONS AND WIDTHS AS SHOWN ON SHEET 6. PLACE ASPHALT BASE COURSE B25.0C IN ONE LIFT TO BACKFILL.
- 2. PLACE ASPHALT SURFACE COURSE 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. 2 MAP 2 VARIES T C1 M.E EXISTING ASPHALT D1

#### NOTE:

- 1. PLACE ASPHALT INTERMEDIATE COURSE 119.0C AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT.
- 2. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.
- 3. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT.
- 4. PERFORM SHOULDER RECONSTRUCTION AFTER PAVING IS COMPLETED.

PROJECT	REFERENCE	NO.	SHEET	NO.
DBO	0582		4	

	PAVEMENT SCHEDULE				
C1	PROP. APPROX. 1.5° ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 165 LBS. PER SO. YD.				
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 119.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.				
Т	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.
DB00582	5	
DB00362		

#### SUMMARY OF QUANTITIES

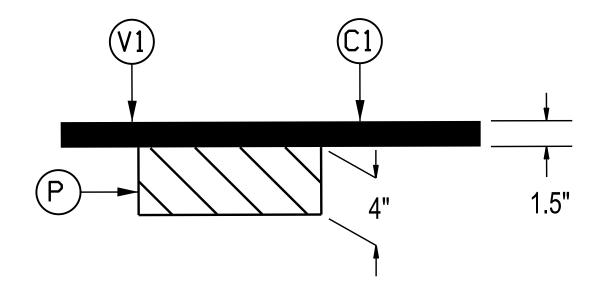
								3 0 101 101	, , , , ,			( 0 / 1	• • • •														
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	REMOVAL OF EXISTING CONCRETE PAVEMENT	NCDOT SUPPLIED		SHOULDER RECONSTRUCTION	INCIDENTAL MILLING	INTERMEDIATE COURSE, 119.0C		ASPHALT BINDER FOR PLANT MIX	4" DEPTH MILL PATCHING EXISTING PAVEMENT B 25.0 C	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	SY	EA	TONS	SMI	SY	TONS	TONS	TONS	TON	EA	LF	LF	AC	EA	SF	LS
				FROM NC 55																							
2024CPT.02.16.20251	Craven	1	SR-1472 / BIDDLE RD	TO SR 1471 BELLTOWN RD	1	2	2WU	NO	NO	2.82	20		113	141	5.64	500		2,846	185			451	100	2.82	1	320	0.17
2024CPT.02.16.20251	Craven	2	SR-1472 / BIDDLE RD	FROM SR 1471 BELLTOWN RD TO NC 55	2	2	2WU	NO	NO	2.34	23		94	117	4.68	500	4,783	2,801	412					2.34	1	265	0.14
2024CPT.02.16.20251	Craven	3	SR-1483 / BRIARWOOD LN	FROM NC 43 TO END MAINTENANCE	1	2	2WU	NO	NO	0.45	20		18	23	0.90	250		482	37	108				0.45			0.03
				FROM APPROX. 95' SOUTH OF END MAINTENANCE SIGN TO APPROX. 28' NORTH OF DEAD END																							
2024CPT.02.16.20251		4	SR-1602 / B ST	SIGN	1	2	2WU	NO	NO	0.42	19		17	21	0.84	250		405	43	355				0.42	1		0.03
TO	TAL FOR PR	ROJ NO. 202	24CPT.02.16.20251 T							6.03			242	302	12.06	1,500	4,783	6,534	677	463		451	100	6.03	3	585	0.37
2024CPT.02.17.20161	Carteret	5	SR-1121 / PEARSON CIR	FROM NC 24 TO NC 24	1	2	2WU	NO	NO	1.55	20		62	62	3.10	250		1,634	106		1			1.55	1		0.09
2024CPT.02.17.20161			SR-1122 / BROAD CREEK LOOP RD	FROM NC 24 TO NC 24	1	2	2WU	NO	NO	1.65	21		66	83	3.30	500		1,765	122	141				1.65	1	185	0.10
		Ť		FROM SR 1122 BROAD CREEK LOOP RD		<u> </u>							"	35	2.00	300		_,, 00		1							
2024CPT.02.17.20161	Carteret	7	SR-1123 / GEORGE TAYLOR RD	TO NC 24	1	2	2WU	NO	NO	0.87	20		35	44	1.74	250		888	58					0.87	1	125	0.05
		_		FROM SR 1123 GEORGE TAYLOR RD	_	_							_								_						
2024CPT.02.17.20161	Carteret	8	SR-1142 / SOUND BLVD	TO END MAINTENANCE FROM SR 1122 BROAD CREEK LOOP RD	1	2	2WU	NO	NO	0.15	19		6	8	0.30	250		149	10		2			0.15			0.01
2024CPT.02.17.20161	Carteret	9	SR-1213 / SOUTH LEWIS ST	TO END MAINTENANCE	1	2	2WU	NO	NO	0.15	18		6	8	0.30			147	10					0.15			0.01
2024CPT.02.17.20161	Carteret	10	SR-1249 / SALTY SHORES RD	FROM END MAINTENANCE TO NC 24	1	2	2WU	NO	NO	0.65	20		26	33	1.30	250		663	43					0.65	1		0.04
				FROM SR 1122 BROAD CREEK LOOP RD																							
2024CPT.02.17.20161	Carteret	11	SR-1254 / OCEAN DR	TO SR 1603 BOGUE DR	1	2	2WU	NO	NO	0.2	20		8	10	0.40			206	14	3				0.20			0.01
2024CPT.02.17.20161	Carteret	12	SR-1255 / HARBOR DR	FROM SR 1254 OCEAN DR TO SR 1256 SOUNDVIEW DR	1	2	2WU	NO	NO	0.18	20		7	9	0.36			187	12		1			0.18			0.01
2024CPT.02.17.20161	Carteret	13	SR-1256 / SOUNDVIEW DR	FROM DEAD END TO SR 1255 HARBOR DR	1	2	2WU	NO	NO	0.08	20		3	4	0.16			80	5					0.08			0.01
2024CPT.02.17.20161	Carteret	14	SR-1280 / C ST	FROM SR 1249 SALTY SHORES RD TO CUL-DE-SAC	1	2	2WU	NO	NO	0.19	20		8	10	0.38			213	14			30	100	0.19			0.01
2024007 02 47 20464		4-	52 4204 / 5444404 22	FROM SR 1249 SALTY SHORES RD		_	214/11	NO.		0.40	20			40	0.00			202	40					0.40			
2024CPT.02.17.20161 2024CPT.02.17.20161		15 16	SR-1281 / CANNON DR SR-1287 / GULL HARBOR DR	TO END MAINTENANCE FROM CEDAR LN TO NC 24	1	2	2WU 2WU	NO NO	NO NO	0.19	20 22	21	21	10 26	0.38 1.04	500		203 672	13 52	161				0.19 0.52	1		0.01
2024CF1.02.17.20101	Carteret	10	SK-1287 / GOLETIANBON DK	FROM SR 1287 GULL HARBOR DR			200	NO	NO	0.52	22	21	21	20	1.04	300		072	32	101				0.32			0.03
2024CPT.02.17.20161	Carteret	17	SR-1288 / SANDPIPER DR	TO SR 1287 GULL HARBOR DR FROM CEDAR LN	1	2	2WU	NO	NO	0.32	22		13	16	0.64			363	30	110				0.32	1		0.02
2024CPT.02.17.20161	Carteret	18	SR-1289 / LAUREL LN	TO SR 1288 SANDPIPER DR	1	2	2WU	NO	NO	0.09	22		4	5	0.18			108	10	47	1			0.09			0.01
2024CPT.02.17.20161	Carteret	19	SR-1603 / BOGUE DR	FROM SR 1254 OCEAN DR TO END MAINTENANCE	1	2	2WU	NO	NO	0.19	18		8	10	0.38			179	12		2			0.19			0.01
2024CPT.02.17.20161	Carteret	20	SR-1650 / JUNIUS DR	FROM SR 1249 SALTY SHORES RD TO END MAINTENANCE	1	2	2WU	NO	NO	0.19	20		8	10	0.38	250		199	13					0.19			0.01
2024607 02 47 22464	Ct :	24	CD 4CO2 / DELICANIES	FROM SR 1122 BROAD CREEK LOOP RD			204/11	NO.	NO	0.25	20		10	12	0.50			202	10					0.25	4		0.03
2024CPT.02.17.20161		21 201 NO 203	SR-1682 / PELICAN DR 24CPT.02.17.20161	TO CUL-DE-SAC	1	2	2WU	NO	NO	0.25 <b>7.42</b>	20	21	10 <b>299</b>	13 <b>361</b>	0.50 <b>14.84</b>	2,250	+	293 <b>7,949</b>	19 <b>543</b>	462	7	30	100	0.25 <b>7.42</b>	7	310	0.02 <b>0.45</b>
10	ON FR	.5, 1,5, 20,								,.72			233	301	17.07	2,230	1	,,,,,	543	702	<b>'</b>	30	100	7.72	•	310	0.73
2024CPT.02.18.20691	Pamlico	22	SR-1005 / NEUSE RD	FROM ARAPAHOE TOWN LIMITS TO NC 306	1	2	2WU	NO	NO	0.44	19		18	22	0.88	500		487	32					0.44			0.03
2024CPT.02.18.20691			SR-1120 / BURTON FARM RD	FROM NC 306 TO END MAINTENANCE	1	2	2WU	NO	NO	1.04	24		42	42	2.08	250		1,314	85			166	100	1.04	1		0.06
2024CPT.02.18.20691			SR-1147 / WILSON CIR	FROM SR 1149 WILSON CIR TO SR 1148 INDIAN BLUFF DR	1	2	2WU	NO	NO	0.09	20		4	5	0.18			93	6					0.09			0.01
2024CPT.02.18.20691			SR-1148 / INDIAN BLUFF DR	FROM BEGIN MAINTENANCE TO CUL-DE-SAC	1	2	2WU	NO	NO	0.15	20		6	8	0.30	250		171	11					0.15			0.01
			,	FROM SR 1122 BENNETT PL TO SR 1147 ALLEN RD	1																						
2024CPT.02.18.20691			SR-1149 / WILSON CIR		1	2	2WU	NO	NO	0.21	20		8	11	0.42	250		224	15					0.21			0.01
2024CPT.02.18.20691	Pamlico	27	SR-1152 / HOWELLS RD	FROM NC 306 TO END MAINTENANCE FROM SR 1153 HOWELLS RD	1	2	2WU	NO	NO	0.88	20		35	44	1.76	250	-	893	82	495				0.88	1	<b>-</b>	0.05
2024CPT.02.18.20691			SR-1153 / CUTHRELL LN	TO END MAINTENANCE	1	2	2WU	NO	NO	0.18	19		7	9	0.36			179	22	201				0.18			0.01
ТО	TAL FOR PR	ROJ NO. 202	24CPT.02.18.20691					+		2.99			120	141	5.98	1,500	<del>                                     </del>	3,361	253	696	1	166	100	2.99	2	<del>                                     </del>	0.18
	<u> </u>	GRAND TO	I. DTAL					+		16.44		21	661	804	32.88	5,250	4,783	17,844	1,473	1,621	7	647	300	16.44	12	895	1
L		J 10	***	I				1		-0.77			301	507	J00	5,250	.,,,,,,	,077	_, -, -, -	-,0-1		U 177	, 500			- 555	

4" MILL PATCHING	STA.	STA.	WIDTH	LOC.	MAP
	3+45	5+04	7'	LT.	3
	10+09	10+27	7'	RT.	3
	10+17	10+71	7'	LT.	3
	22+90	23+03	7'	RT.	3
	23+03	23+80		FULL WIDTH	3
	0+00	4+80		FULL WIDTH	4
Craven Co	13+27	16+24		FULL WIDTH	4
	54+46	56+00		FULL WIDTH	6
	58+51	59+58	10'	LT.	6
	60+05	60+54	7'	RT.	6
	63+78	64+41	10'	RT.	6
	9+64	9+75	7'	LT.	11
	3+31	4+16		FULL WIDTH	16
	4+16	5+49	11'	RT.	16
	11+76	12+30	11'	LT.	16
	12+30	13+05	25'	LT.	16
	13+69	14+00	7'	LT.	16
	0+00	1+26		FULL WIDTH	17
	11+59	12+09		FULL WIDTH	17
	0+00	0+25		FULL WIDTH	18
Carteret Co	4+55	4+88		FULL WIDTH	18
	0+40	15+50	7'	LT.	27
	27+46	29+18	7'	LT.	27
	39+45	41+10	7'	RT.	27
	42+86	44+56		FULL WIDTH	27
	45+26	46+53		FULL WIDTH	27
Pamlico Co	0+00	3+42		FULL WIDTH	28

PROJECT NO.	SHEET NO.	TOTAL NO.
DB00582	6	
DB00362		

ROJECT	REFERENCE	NO.	SHEET	NO.	
					8
ner	Y05 <i>82</i>	7			

# 4" DEPTH MILL PATCHING DETAIL MAPS 3, 4, 6, 11, 16, 17, 18, 27, AND 28



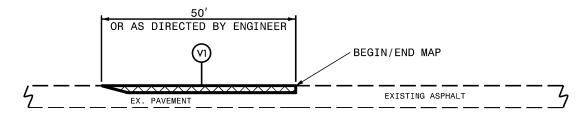
	PAVEMENT SCHEDULE				
C1	PROP. APPROX. 1.5" OF ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 165.0 LBS. PER SO. YD.				
V 1	INCIDENTAL MILLING				
Р	4" DEPTH MILL PATCHING W/ B25.0C				
	DRAWINGS NOT TO SCALE				

#### 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 6, AND AS DIRECTED BY THE ENGINEER.

ROJECT REFERENCE NO.	SHEET NO.
DB00582	DN2-I

## MILLING TYPICALS

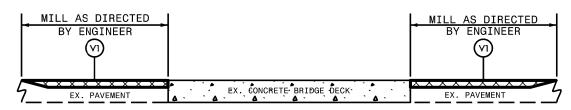


#### DETAIL 1

#### BEGIN/END MAP TIE-IN

#### NOTE:

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

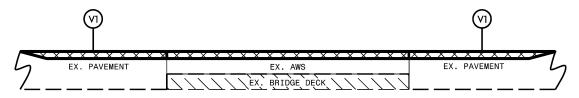


#### DETAIL 2

#### BRIDGE MILLING

#### NOTE:

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



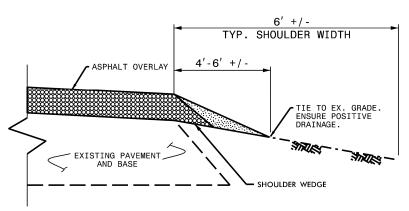
#### DETAIL 3

#### BRIDGE MILLING

#### NOTE:

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

## SHOULDER RECONSTRUCTION TYPICAL

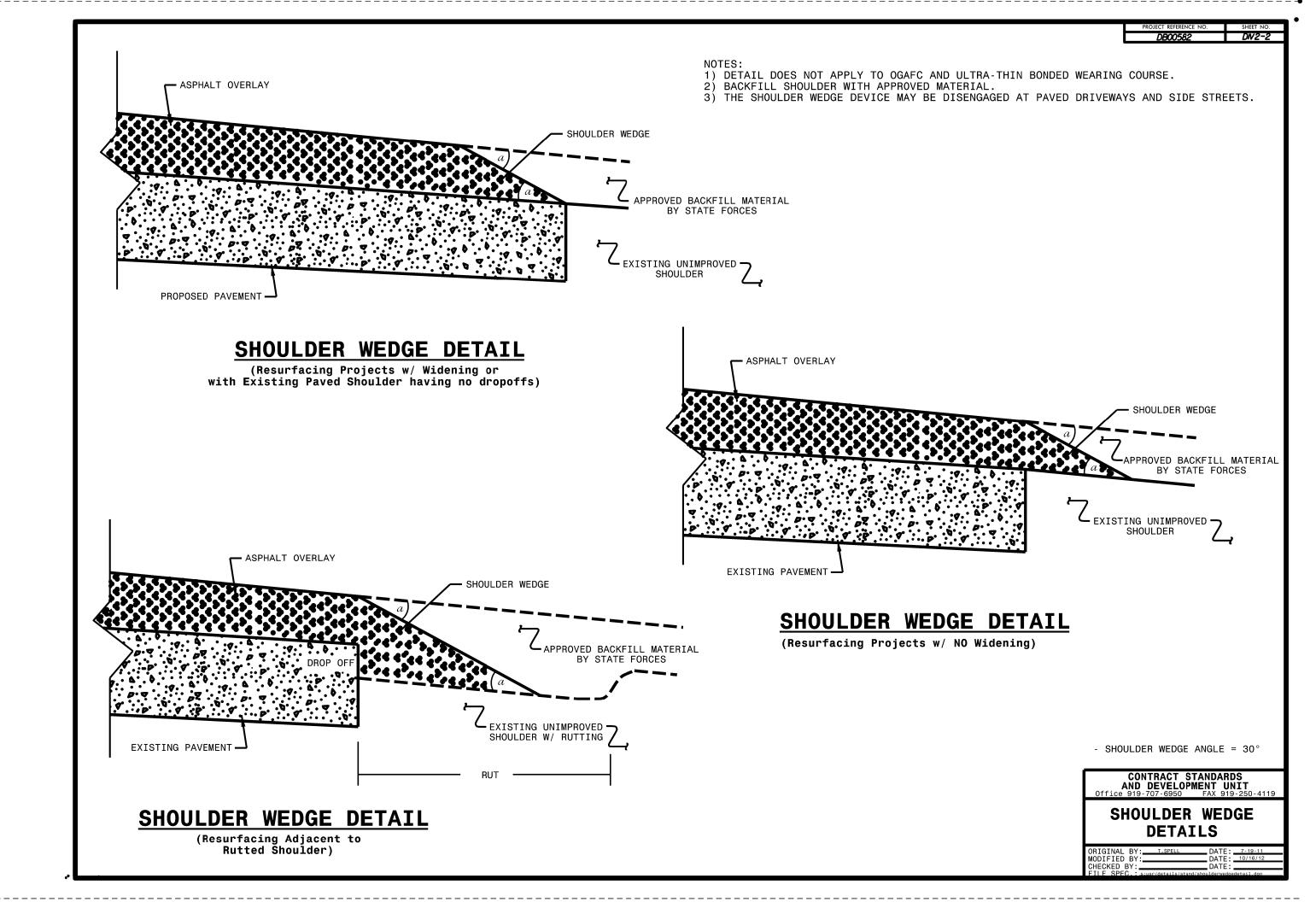


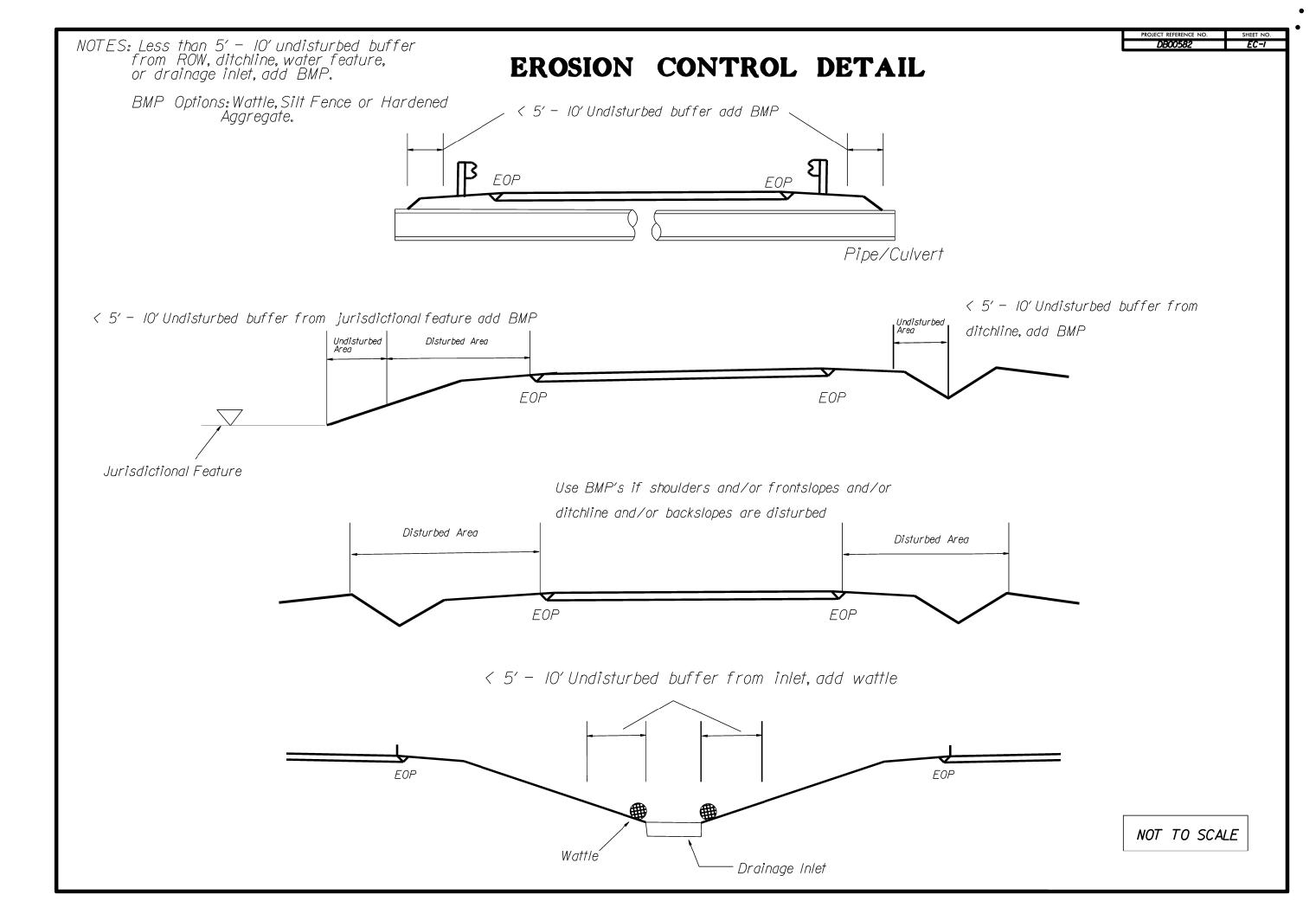
#### SHOULDER RECONSTRUCTION DETAIL

#### NOTE:

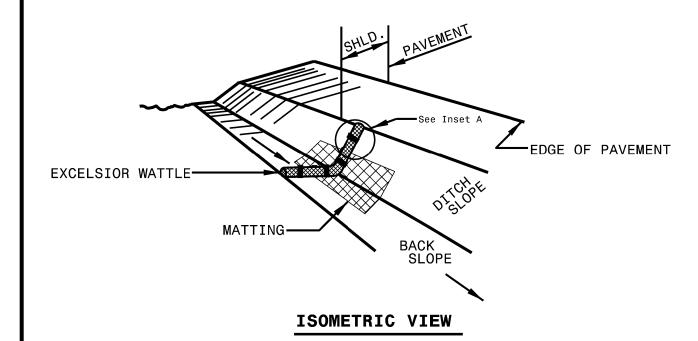
- 1. SHOULDERS SHALL BE RECONSTRUCTED AS SHOWN IN STD. DWG. NO. 560.01 & 560.02, WITH A MINIMUM SLOPE OF 1" PER FOOT TO ENSURE POSITIVE DRAINAGE AWAY FROM THE ROADWAY.
- 2. A VEGETATIVE BUFFER SHALL BE MAINTAINED BETWEEN THE DISTURBED AREA ALONG THE EDGE OF PAVEMENT AND THE DITCH SHOULDER POINT TO MINIMIZE EROSION. PULLING DITCHES OR CUTTING SHOULDERS TO GENERATE BORROW MATERIAL WILL NOT BE ALLOWED.
- GENERATE BORROW MATERIAL WILL NOT BE ALLOWED.

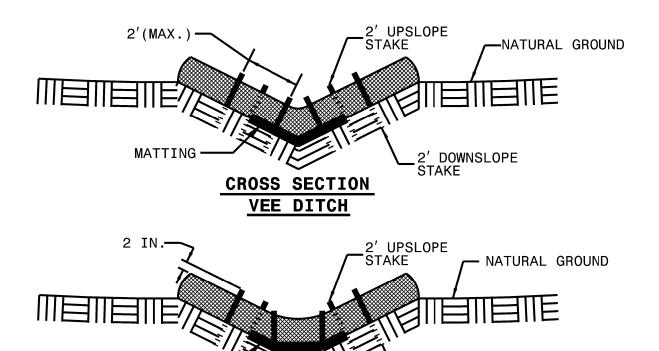
  3. REQUIRED BORROW MATERIAL MAY BE OBTAINED FROM NCDOT STOCKPILES.
  ANY EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR IN AN APPROVED DISPOSAL SITE.





## WATTLE DETAIL





**CROSS SECTION** TRAPEZOIDAL DITCH .2' DOWNSLOPE STAKE

MATTING-

#### NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

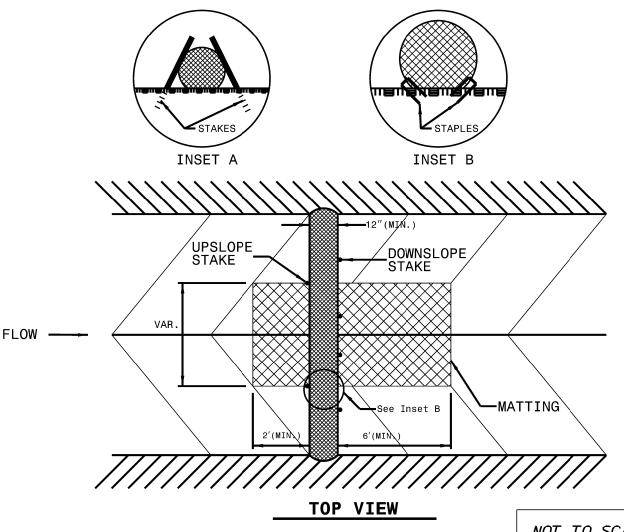
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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

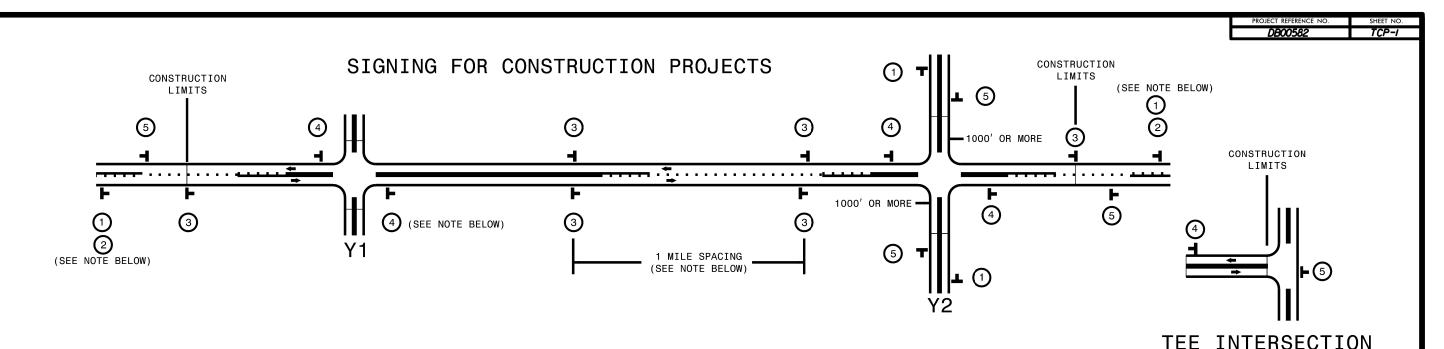
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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



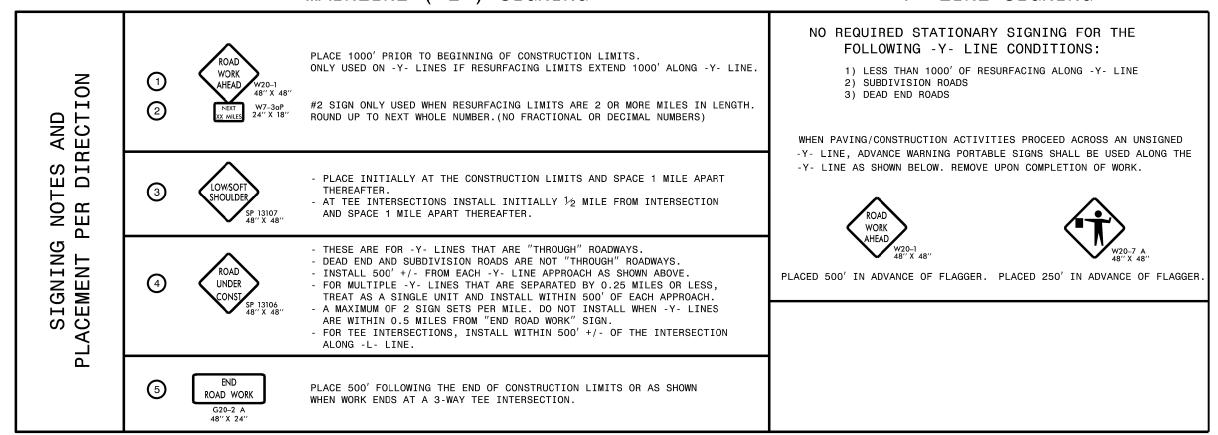
LEGEND

► STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW

#### MAINLINE (-L-) SIGNING

#### -Y- LINE SIGNING





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