

Craven County

DB00567

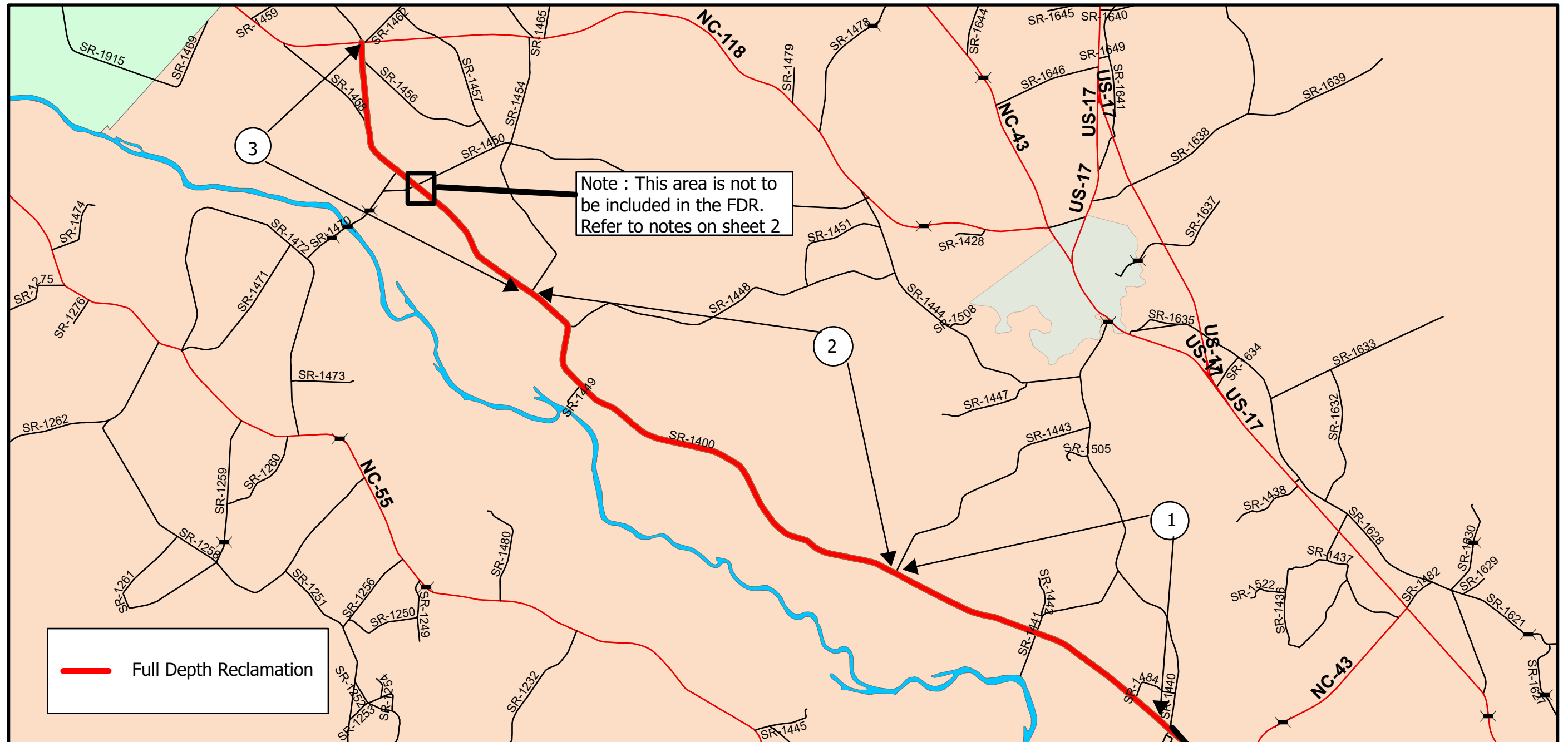
WBS# 2023CPT.02.15.20252

TYPE OF WORK : WIDENING AND FULL DEPTH RECLAMATION

PROJECT REFERENCE NO.	SHEET NO.
DB00567	1

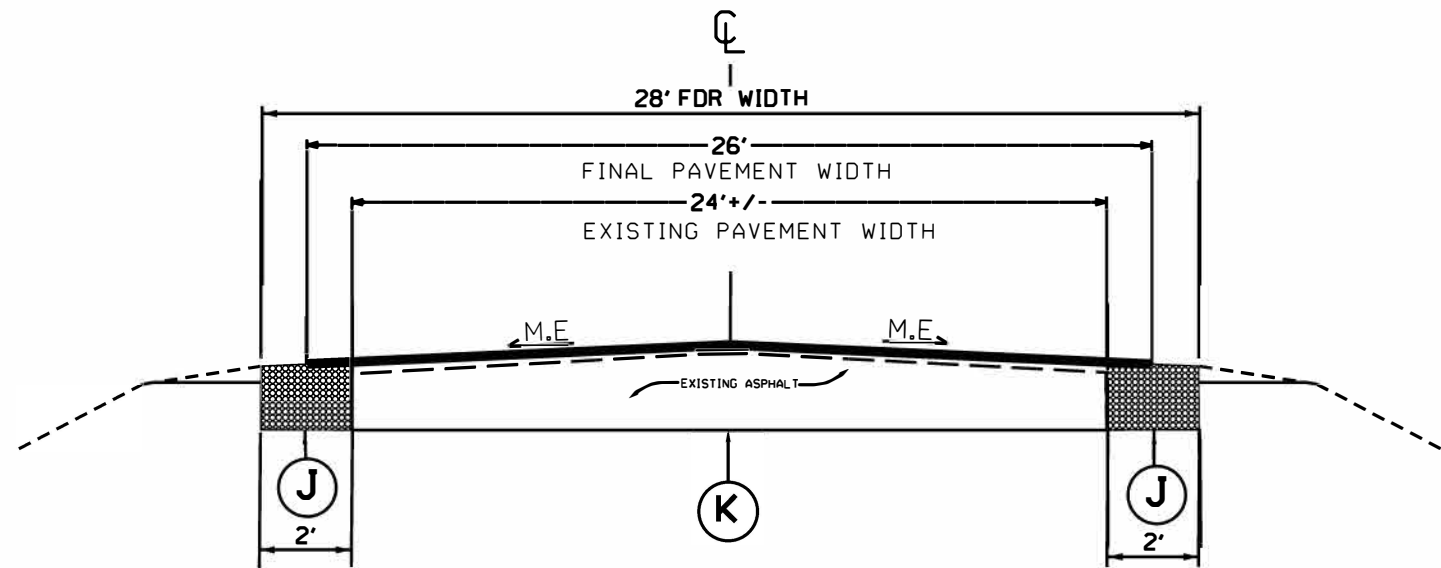


NCDOT
DIVISION 2



TYPICAL SECTION NO. 1

MAP 1, 2, AND 3



PAVEMENT SCHEDULE	
J	SELECT GRANULAR MATERIAL, CLASS 3.
K	PROP. 12" FULL DEPTH RECLAMATION.
DRAWINGS NOT TO SCALE	

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

NOTE:

1. PLACE ASYMMETRICAL CLASS 3 SELECT MATERIAL AT A DEPTH OF 12" INCHES, AS DIRECTED BY THE ENGINEER.
2. 12" FULL DEPTH RECLAMATION: FOR CEMENT RATE REFER TO SHEET 3.
3. STATE FORCES WILL INSTALL ASPHALT SURFACE TREATMENT IMMEDIATELY FOLLOWING THE FDR. THE ASPHALT SURFACE TREATMENT SHALL BE COMPLETED BEFORE MOVING TO THE NEXT MAP.
4. ANY EXCESS MATERIAL FROM THE WIDENING PROCESS SHALL BE REMOVED IMMEDIATELY.
5. NO WORK SHALL OCCUR ON MAP 3, FROM 300 FT SOUTHEAST TO 500 FT NORTHWEST OF SR-1450 NELSON ROAD. THIS IS THE PROPOSED PROJECT LIMITS OF PROJECT W-5702V, CONSTRUCTION OF A ROUNDABOUT.

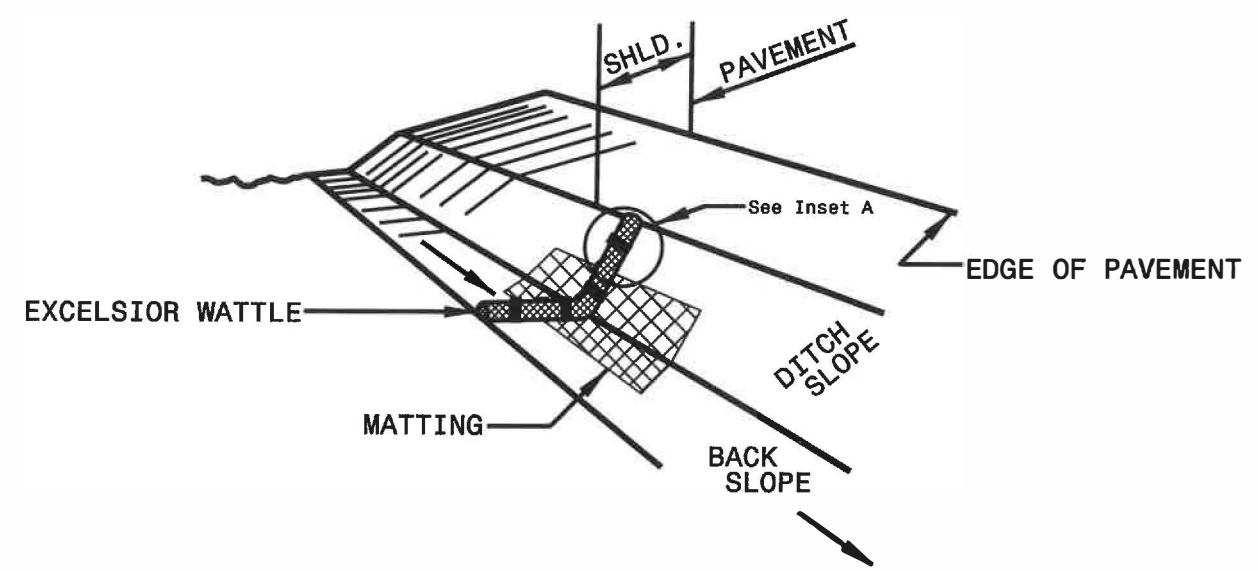
PROJECT NO.	SHEET NO.	TOTAL NO.
DB00567	3	

SUMMARY OF QUANTITIES

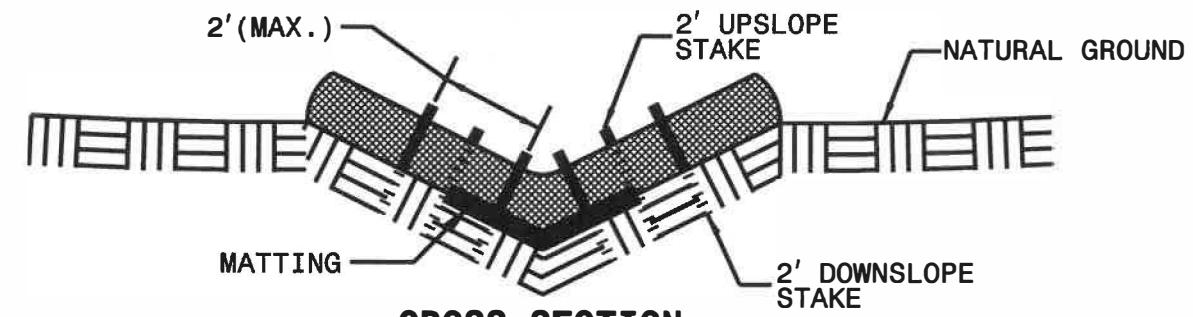
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	0194000000-E	0241000000-E	1220000000-E	6000000000-E	6071010000-E	6117000000-N	4413000000-N	4457000000-N		
												SELECT GRANULAR MATERIAL, CLASS 3	FLEXIBLE PAVEMENT RECLAMATION	INCIDENTAL STONE BASE	TEMPORARY SILT FENCE	WATTLE	RESPONSE FOR EROSION CONTROL	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL		
												MI	FT	CY	SY	TONS	LF	LF	EA	SF	LS
2023CPT.02.15.20252	Craven	1	SR-1400 / RIVER RD	FROM 185' NORTH OF WEST CRAVEN RD. TO STATE CAMP RD.	1	2	2WU	NO	NO	3.64	28	2,900	59,800	73	582	150	1	500	0.28		
TOTAL FOR MAP NO. 1										3.64		2,900	59,800	73	582	150	1	500	0.28		
2023CPT.02.15.20252	Craven	2	SR-1400 / RIVER RD	FROM STATE CAMP RD. TO BAY BUSH RD.	1	2	2WU	NO	NO	5.67	28	4,500	93,250	113	907	200	1	650	0.44		
TOTAL FOR MAP NO. 2										5.67		4,500	93,250	113	907	200	1	650	0.44		
2023CPT.02.15.20252	Craven	3	SR-1400 / RIVER RD	FROM BAY BUSH RD. TO HWY 118	1	2	2WU	NO	NO	3.65	28	2,900	60,000	73	584	200	1	500	0.28		
TOTAL FOR MAP NO. 3										3.65		2,900	60,000	73	584	200	1	500	0.28		
TOTAL FOR PROJ NO. 2023CPT.02.15.20252										12.96		10,300	213,050	259	2,073	550	3	1,650	1		
GRAND TOTAL										12.96		10,300	213,050	259	2,073	550	3	1,650	1		

MAP NO			Cement Rate (LBS/SY)	Cement Percent	Mixing Depth
1	SR 1400	FROM 185' NORTH OF WEST CRAVEN RD. TO STATE CAMP RD.	68	6.0	12"
2	SR 1400	FROM STATE CAMP RD. TO BAY BUSH RD.	68	6.0	12"
3	SR 1400	FROM BAY BUSH RD. TO HWY 118	68	6.0	12"

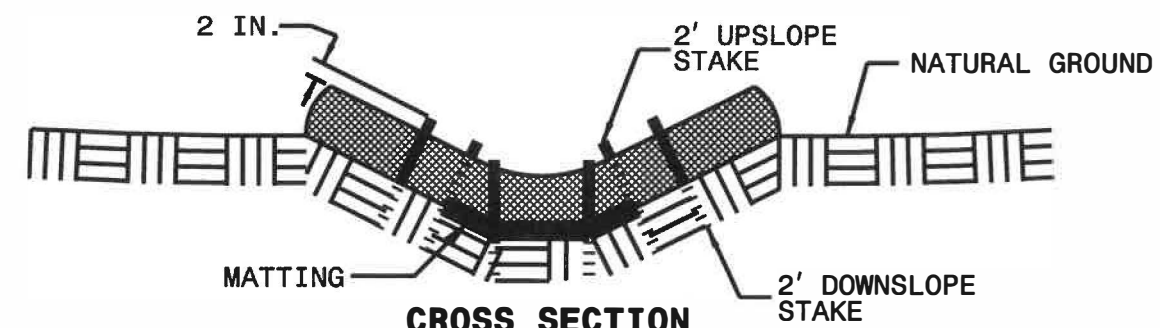
WATTLE DETAIL



ISOMETRIC VIEW



CROSS SECTION VEE DITCH



CROSS SECTION TRAPEZOIDAL DITCH

NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

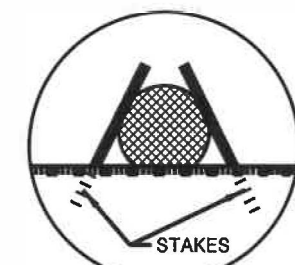
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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

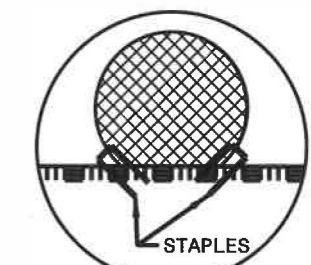
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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

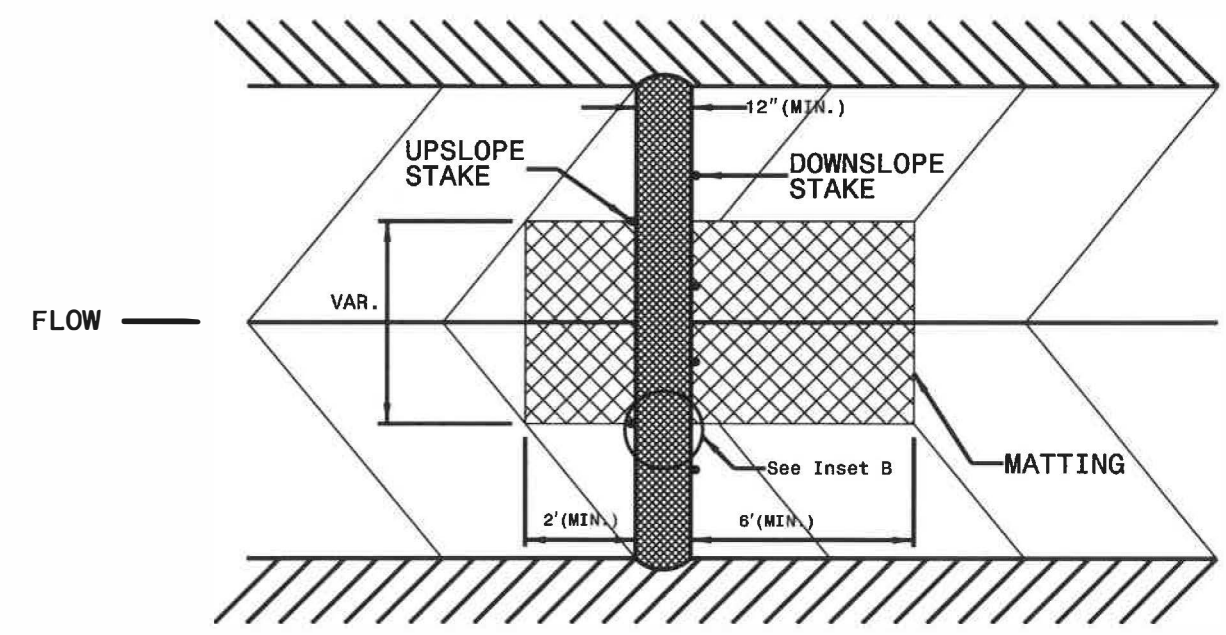
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



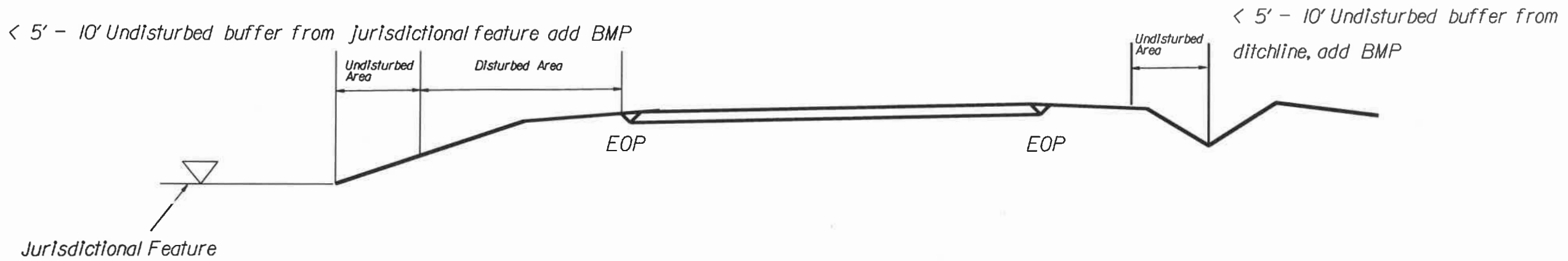
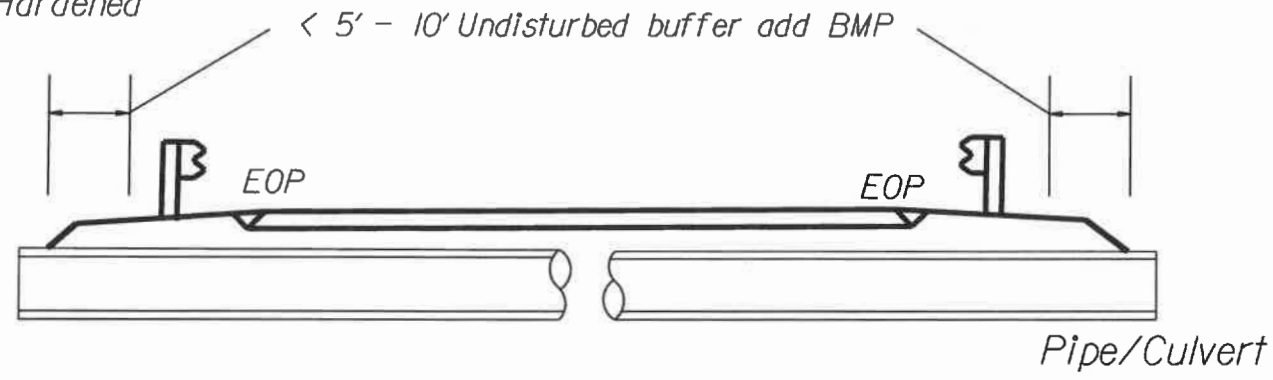
TOP VIEW

NOT TO SCALE

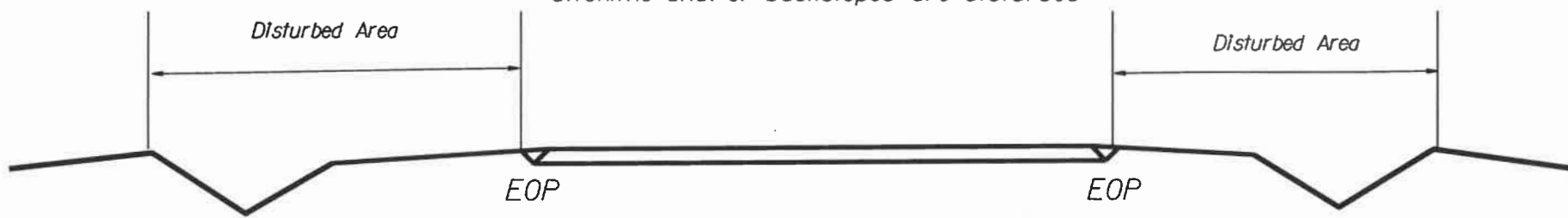
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle, Silt Fence or Hardened Aggregate.

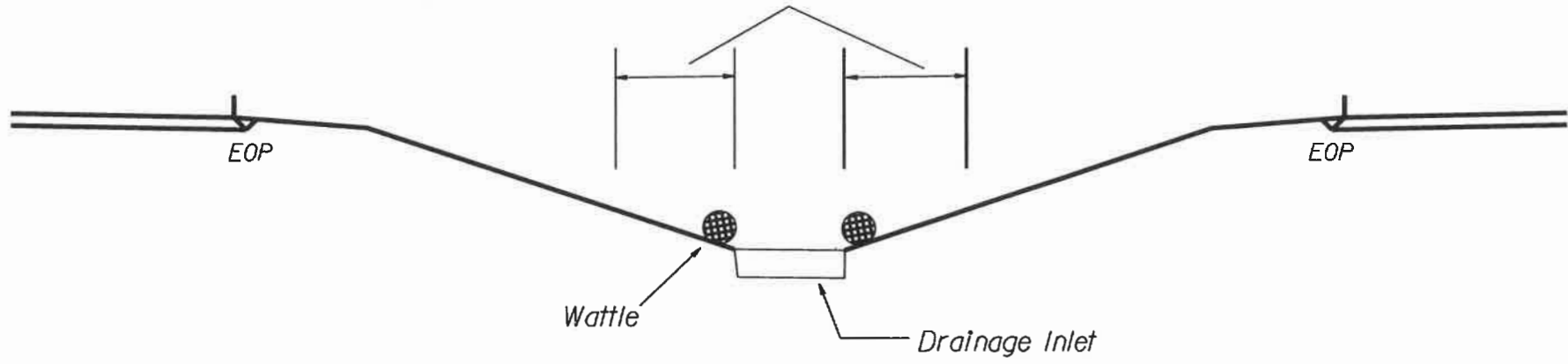
EROSION CONTROL DETAIL



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

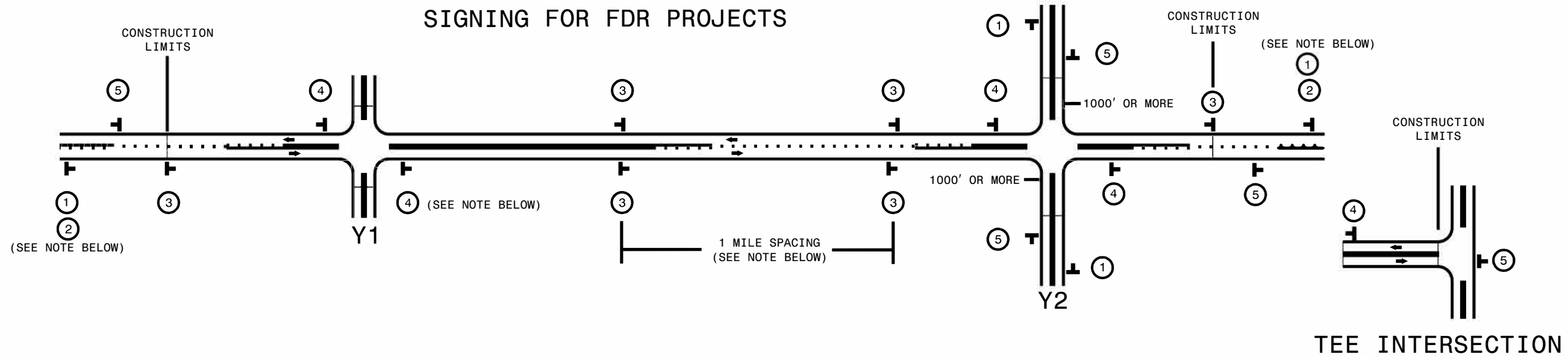


< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

SIGNING FOR FDR PROJECTS



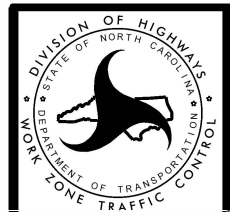
LEGEND

- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	<p>① ROAD WORK AHEAD W20-1 48" X 48"</p> <p>② NEXT XX MILES W7-3aP 24" X 18"</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>#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>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, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <p>ROAD WORK AHEAD W20-1 48" X 48"</p> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
	<p>③ LOWSOFT SHOULDER SP 13107 48" X 48"</p> <p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>	
	<p>④ ROAD UNDER CONST SP 13106 48" X 48"</p> <p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.</p> <p>- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</p> <p>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</p> <p>- 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.</p> <p>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p> <p>- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.</p>	
	<p>⑤ 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>	



FDR
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS