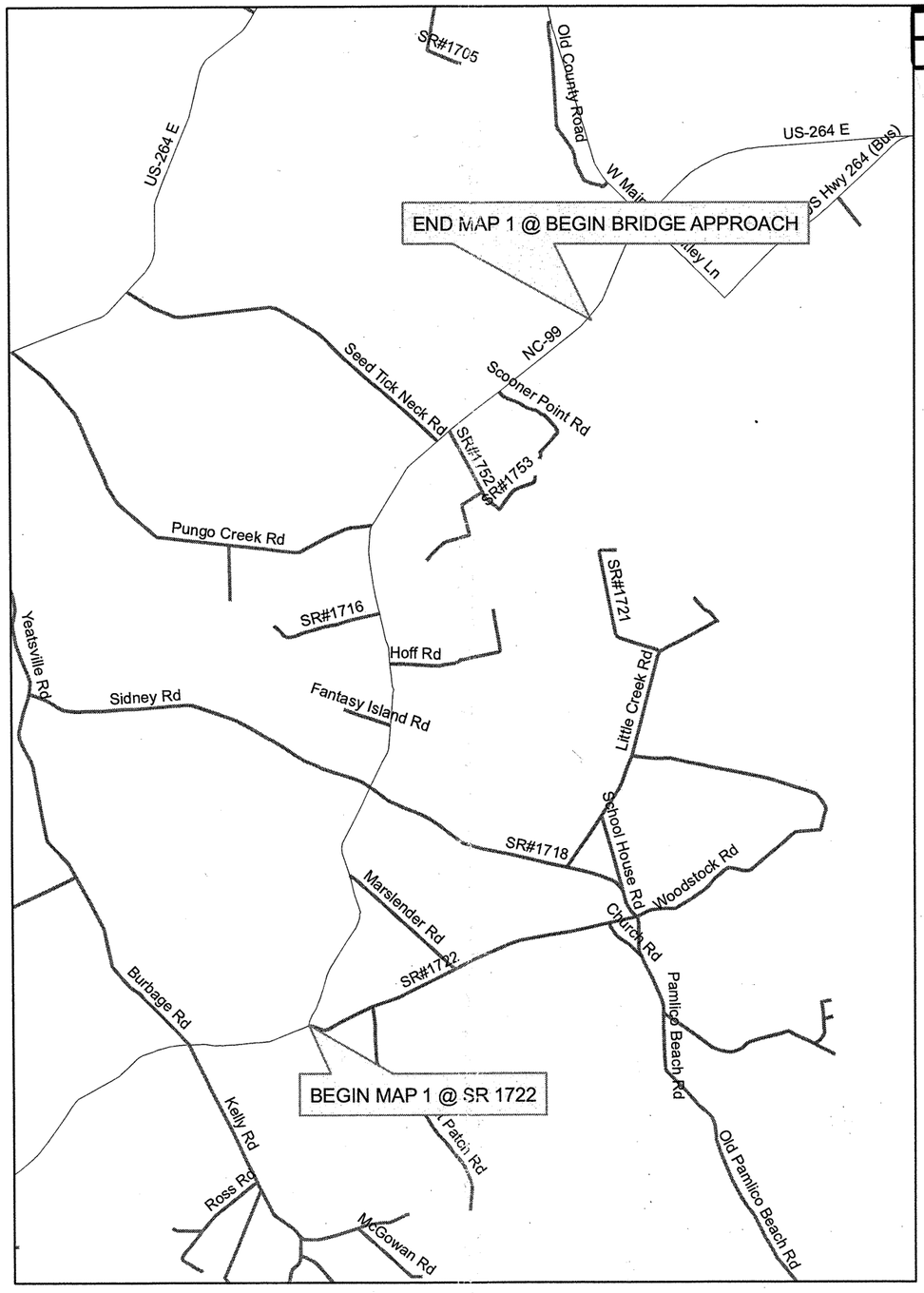
NC 99 VIN MAP

PROJECT REFERENCE NO.	SHEET NO.
2CRJ0071.3	1



10/26/98

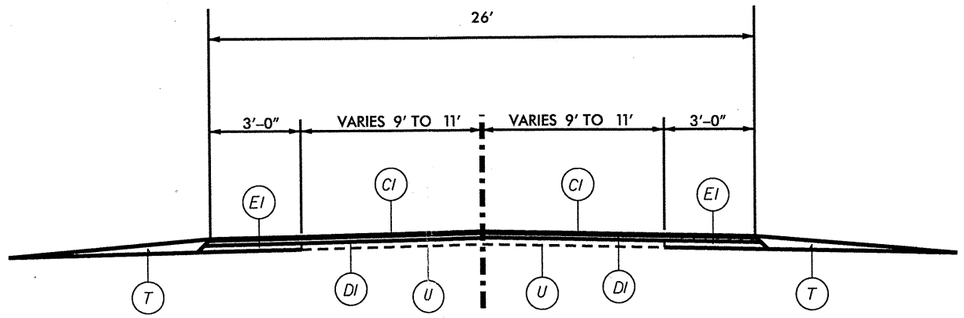
PROJECT REFERENCE NO.	SHEET NO.
2CR.10071.3	2

PAVEMENT SCHEDULE

C1	PROP APPROX, 1 1/2"ASPHALT CONCRETE SURFACE COURSE, TYPE,S9.5B, AT AN AVERAGE RATE OF 168 LBS PER SQ YD
D1	PROP APPROX, 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 119.0B AT AN AVERAGE RATE OF 285 LBS PER SQ YD
E1	PROP APPROX, 5" ASPHALT CONCRETE BASE COURSE TYPE B25.0B AT AN AVERAGE RATE OF 570 LBS PER SQ YD
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT

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

NC 99 WIDEN & RESURFACING
JULY, 2012



TYPICAL SECTION # 1

USE MAP 1

$$$

PROJECT NO.	SHEET NO.	TOTAL NO.
2CR.10071.3	3	

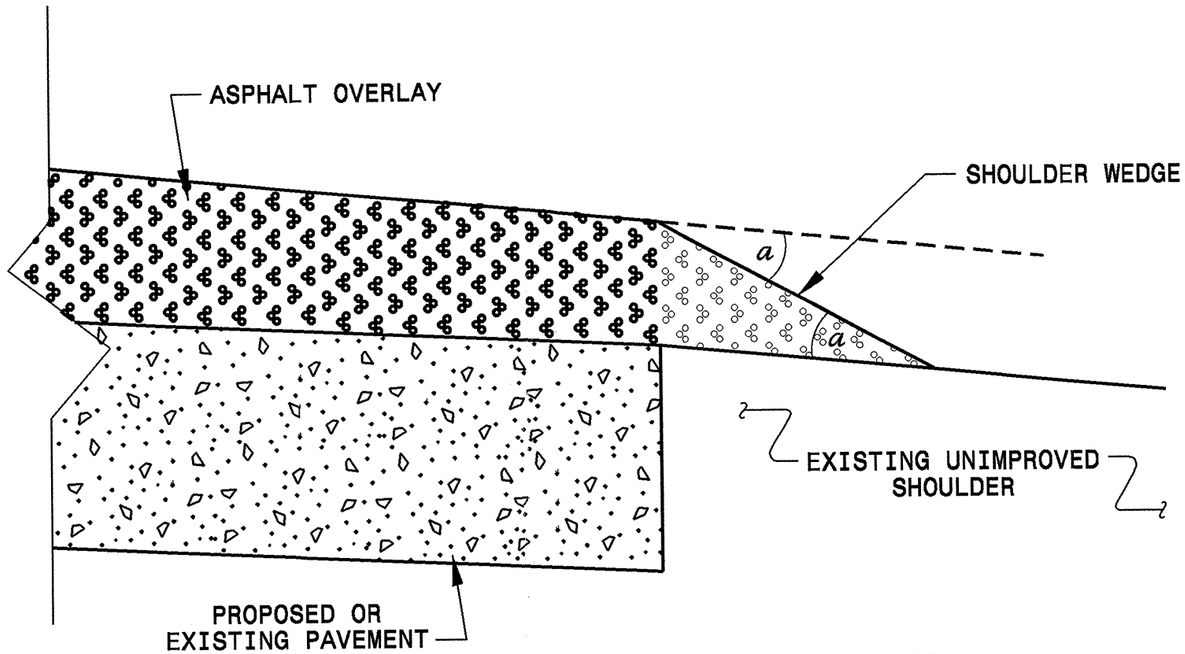
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	AGGREGATE SHOULDER BORROW TON	INCIDENTAL STONE BASE TON	SHOULDER RECONSTRUCTION SMI	INCIDENTAL MILLING SY	BASE COURSE, B25.0B TONS	INTERMEDIATE COURSE, I19.0B TONS	SURFACE COURSE, S9.5B TONS	ASPHALT BINDER FOR PLANT MIX TONS	TEMPORARY SILT FENCE LF	STONE FOR EROSION CONTROL, CLASS B TON	WATTLE LF	POLY-ACRYLAMIDE (PAM) LB	SEEDING & MULCHING ACR
2CR.10071.3	Beaufort	1	NC 99	WIDEN STRENGTHEN & RESURFACE FROM INTERSECTION OF NC 99 & SR 1722 TO BEGIN BRIDGE APPROACH OF PANTEGO CREEK BRIDGE	1	YES	6.82	26	4,640	2,728	13.64	1,466	8,049	16,437	9,658	1,723	400	10	150	25	8
TOTAL FOR PROJ NO. 2CR.10071.3							**6.82**		**4,640**	**2,728**	**13.64**	**1,466**	**8,049**	**16,437**	**9,658**	**1,723**	**400**	**10**	**150**	**25**	**8**

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	4399000000-N TEMPORARY TRAFFIC CONTROL LS	4685000000-E 4" X 90 M WHITE THERMO LF	4686000000-E 4" X 120 M YELLOW THERMO LF	4710000000-E 24" X 120 M WHITE THERMO LF	4810000000-E 4" WHITE PAINT LF	4810000000-E 4" YELLOW PAINT LF	4835000000-E 24" WHITE PAINT LF	4905000000-N SNOWPLOWABLE PAVEMENT MARKERS EA
2CR.10071.3	Beaufort	1	NC 99	WIDEN STRENGTHEN & RESURFACE FROM INTERSECTION OF NC 99 & SR 1722 TO BEGIN BRIDGE APPROACH OF PANTEGO CREEK BRIDGE	6.82	26	*	73,383	45,012	25	73,383	45,012	25	400
TOTAL FOR PROJ NO. 2CR.10071.3					**6.82**		**1**	**73,383**	**45,012**	**25**	**73,383**	**45,012**	**25**	**400**
											118,395			

PROJECT REFERENCE NO.	SHEET NO.
2CR.10071.3	4



a - SHOULDER WEDGE ANGLE

SHOULDER WEDGE DETAIL

CONTRACT STANDARDS AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

SHOULDER WEDGE DETAIL

ORIGINAL BY: T.SPELL DATE: 7-19-11
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: s:user/details/stand/shoulderwedgedetail.dgn

30-MAY-2012 09:26
C:\Users\pjporter\Documents\misc\shoulderwedgedetail8aug2011.dgn
pjporter AT CSD261658

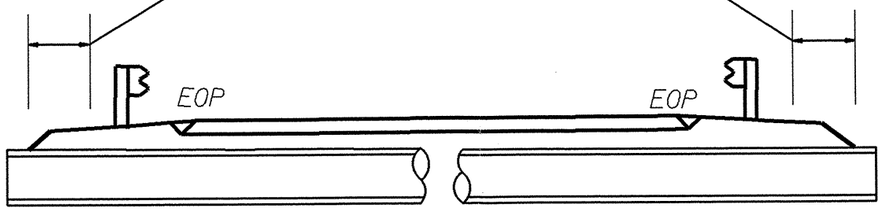
PROJECT REFERENCE NO.	SHEET NO.
2CRJ00713	EC-1

EROSION CONTROL DETAIL

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

BMP Options: Wattle or Silt Fence

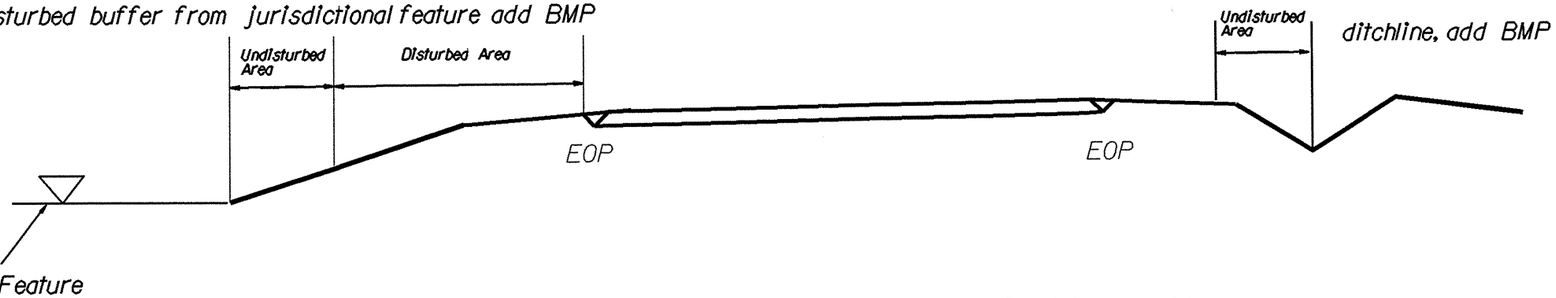
< 5' – 10' Undisturbed buffer add BMP



Pipe/Culvert

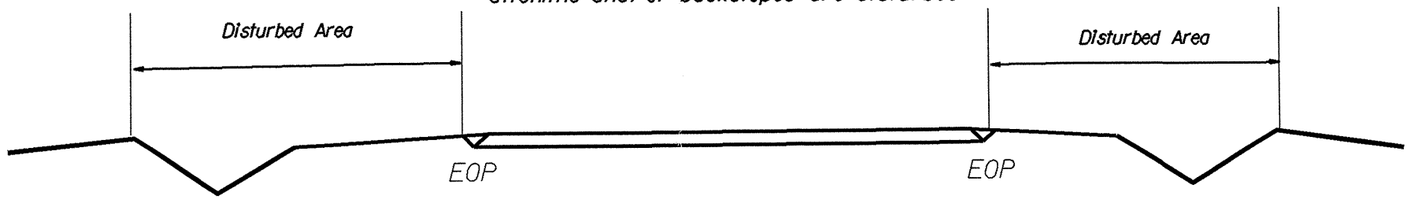
< 5' – 10' Undisturbed buffer from jurisdictional feature add BMP

< 5' – 10' Undisturbed buffer from ditchline, add BMP

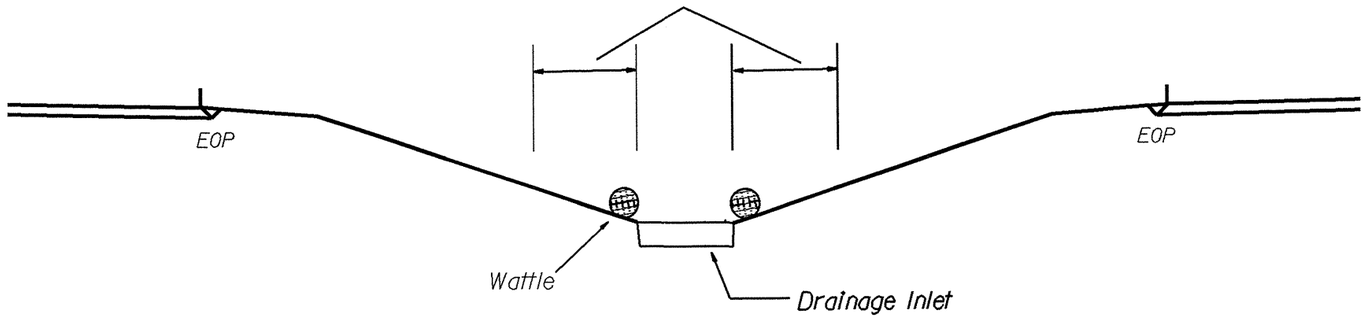


Jurisdictional Feature

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



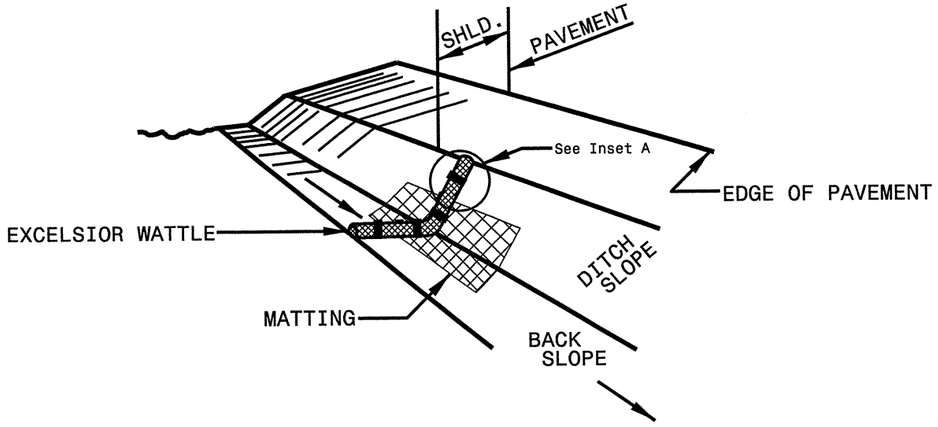
< 5' – 10' Undisturbed buffer from inlet, add wattle



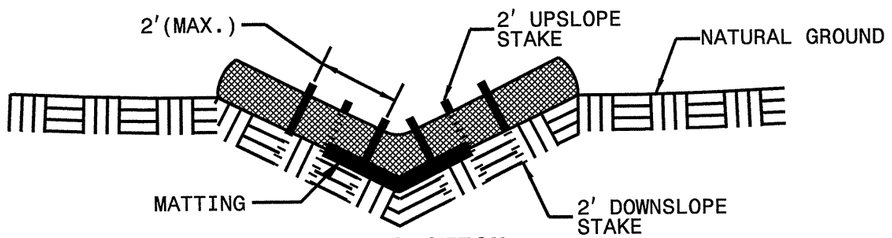
NOT TO SCALE

PROJECT REFERENCE NO.	SHEET NO.
2CRJ0071.3	EC-2

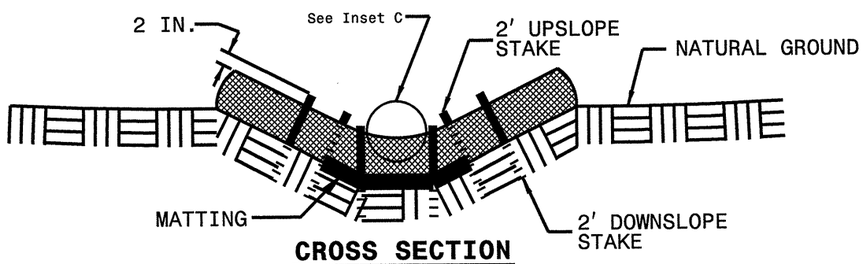
WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL



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.

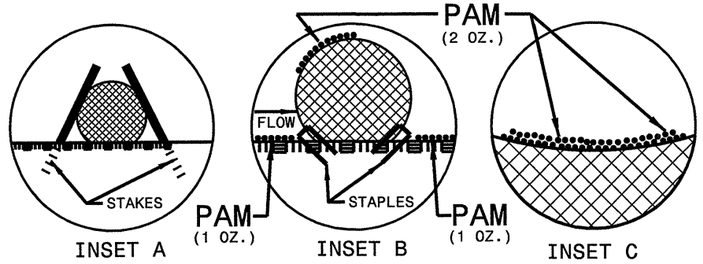
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

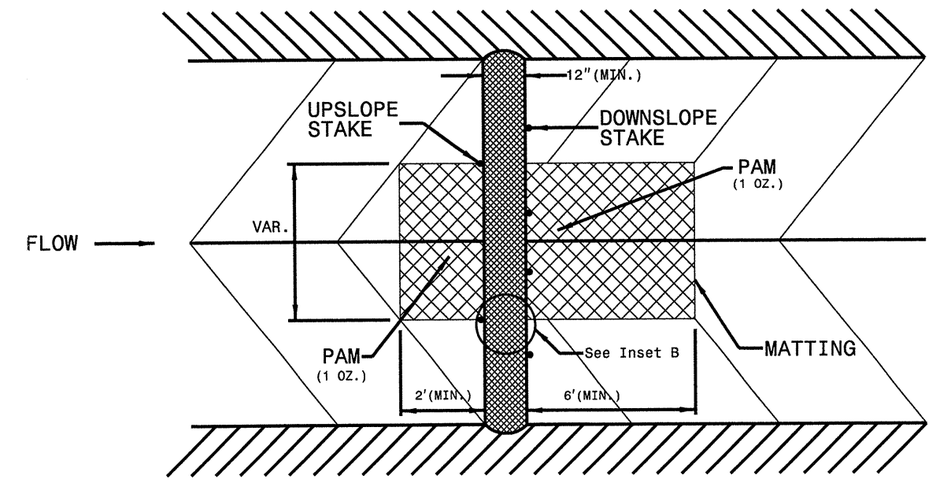
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

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

PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.

INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON MATTING ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.





TOP VIEW