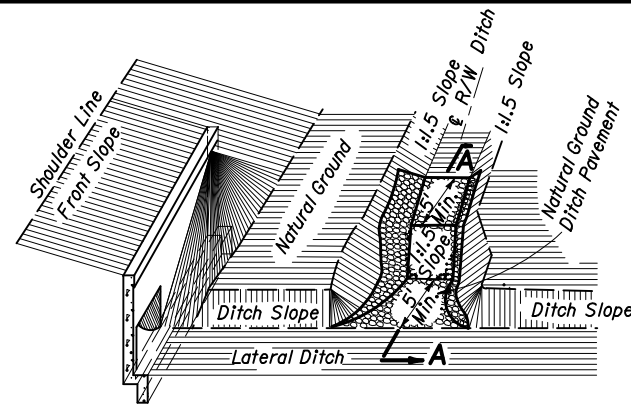
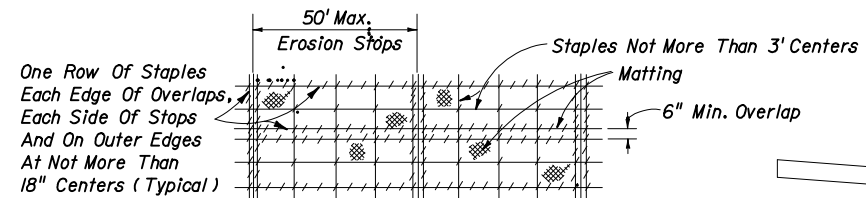


JUNCTION OF ROADWAY DITCH * AND LATERAL DITCH

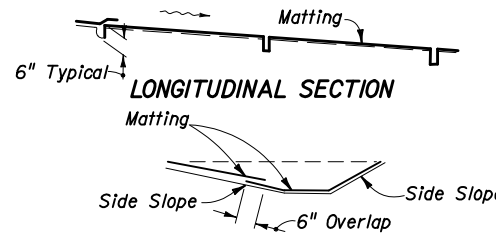
* Soil cement or misc. asphalt will not be permitted for this type of construction



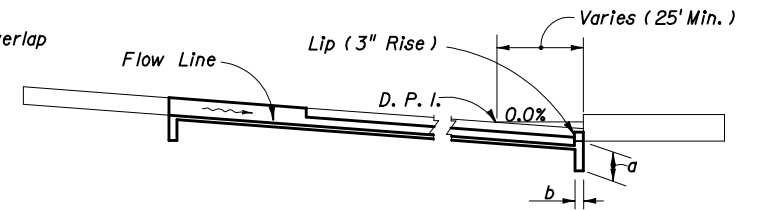
JUNCTION OF R/W DITCH * AND LATERAL DITCH



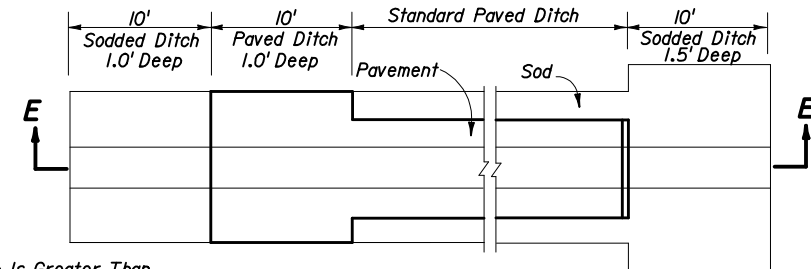
PLAN



LONGITUDINAL SECTION
SECTION
MATTING FOR DITCH

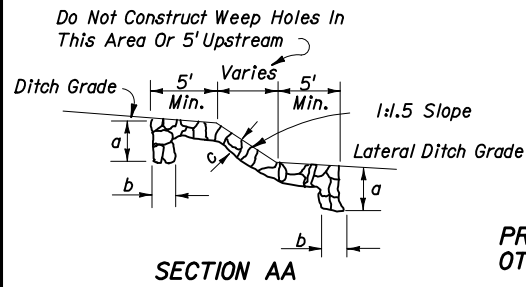


SECTION EE



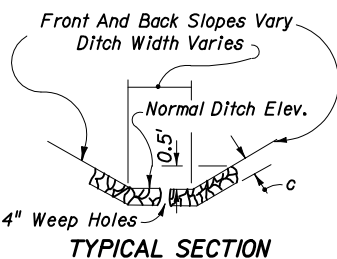
PLAN

PAVED DITCH END TREATMENT

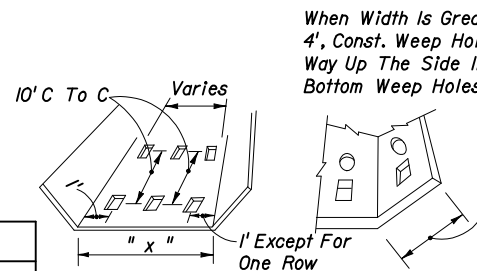


SECTION AA

PROFILE OF DITCH PAV'T AT LOCATIONS OTHER THAN JUNCTION WITH LATERAL DITCH



TYPICAL SECTION



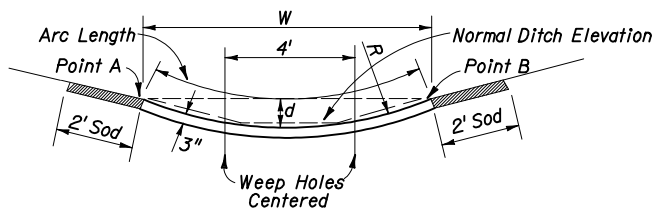
When "X" = 1' To 4' Const. 1 Row (Centered)
 "X" = 5' To 7' Const. 2 Rows
 "X" = 8' To 12' Const. 3 Rows
 "X" = 13' To 17' Const. 4 Rows
 "X" = 18' To 22' Const. 5 Rows

GENERAL NOTES

- Type of ditch pavement shall be as shown on plans.
- In concrete ditch pavement, contraction joints are to be spaced at 25' maximum intervals, or as directed by the Engineer. Contraction joints may be either formed (construction joint) or tooled. No open joints will be permitted.
- Lip at end of ditch pavement shall normally be located downstream of D.P.I. or on flatter grades where there is a decrease in ditch velocity.
- Toewalls are to be used with all ditch paving. A toewall is not required adjacent to drainage structures.
- When directed by the Engineer, weep hole spacing may be reduced to 5' minimum.
- For junction of R/W ditch spillway and lateral ditch, sides of paving to be 1' high minimum.
- For ditch pavements requiring filter fabric the fabric shall be placed directly beneath the pavement for the entire length and width of the pavement. When weep holes with aggregate are used the filter fabric shall be placed below the aggregate to form a mat continuous with or overlapping the pavement fabric. (See Index 199 for fabric type and application).
- Ditch pavement requiring reinforcement shall be detailed in the plan.
- Cost of plastic filter fabric to be included in the contract unit price for ditch pavement.

Notes: All weep holes to be 3" x 4" rectangle or 4" or 5" dia. circular hole. 1/2 cu. ft. (12" x 12" x 6") of No. 6 aggregate to be placed under each hole. 1 sq. ft. of galvanized wire mesh (1/4" openings) shall be placed between the aggregate and the concrete. Cost of holes, aggregate and wire mesh to be included in the cost of ditch pavement.

WEEP HOLE ARRANGEMENT

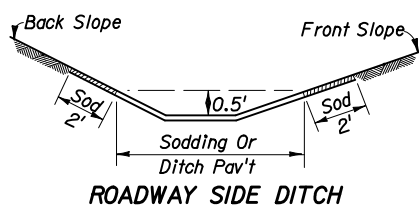


TO REPLACE:

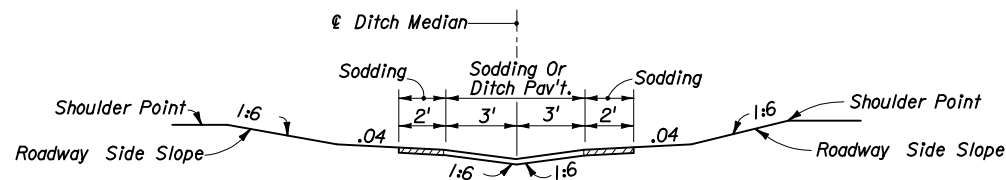
	W	d	R	No. Of Rows Of Weep Holes	Arc Length
6' Median Swale 1:6 Front Slopes; 1:4 Back Slope	6'	.24'	19'	0	6.0
5' B.W. Ditch	10'	.67'	19'	2	10.1
4' B.W. Ditch	9'	.54'	19'	2	9.1
1:4 Front Slopes & Back Slope	9'	.74'	14'	2	9.2
5' B.W. Ditch	8'	.58'	14'	1 (in center)	8.1

ALTERNATE DITCH PAVEMENT

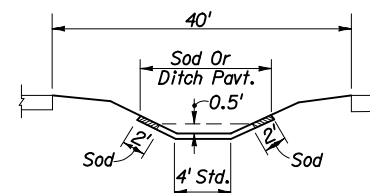
For use only where side slopes are 1:4 or flatter. Point "A" and "B" are to be the same elevation and should be used to locate the paved section.



ROADWAY SIDE DITCH



SWALED MEDIAN (No Weep Holes)

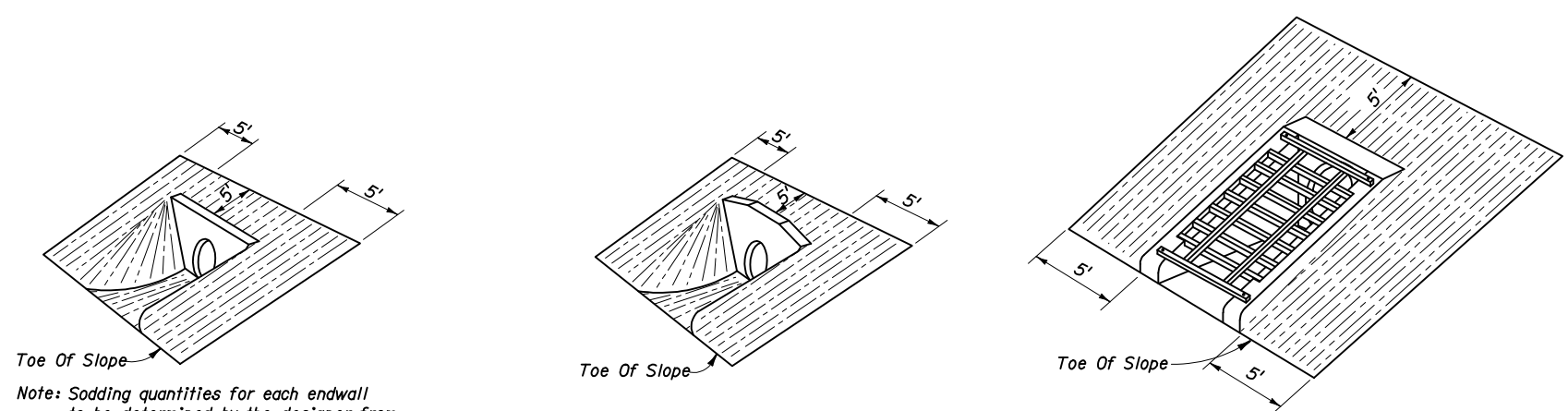


40' MEDIAN

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DITCH PAVEMENT & SODDING

Designed By	Names	Dates	Approved By	S. A. McHenry	
Drawn By			Revision	Sheet No.	Index No.
Checked By			00	1 of 2	281

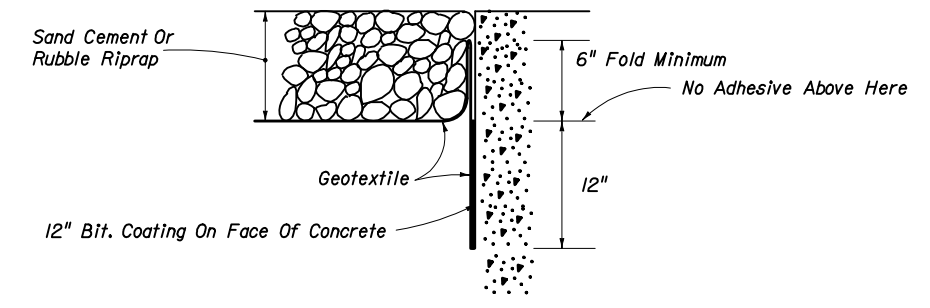


Note: Sodding quantities for each endwall to be determined by the designer from this detail.

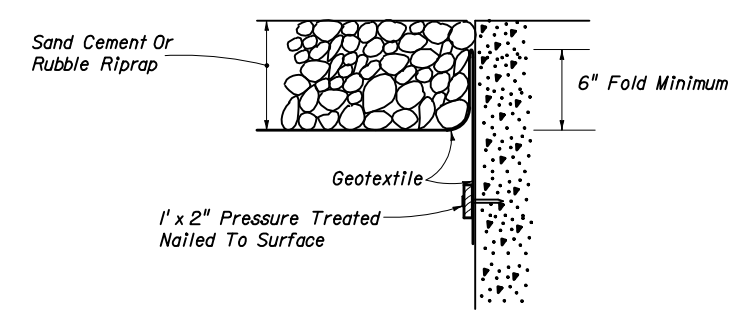
(EXCEPT INDEX 250)
STRAIGHT ENDWALL
INDEX 250

STRAIGHT ENDWALL
INDEX 250

U - TYPE ENDWALL
INDEX 261



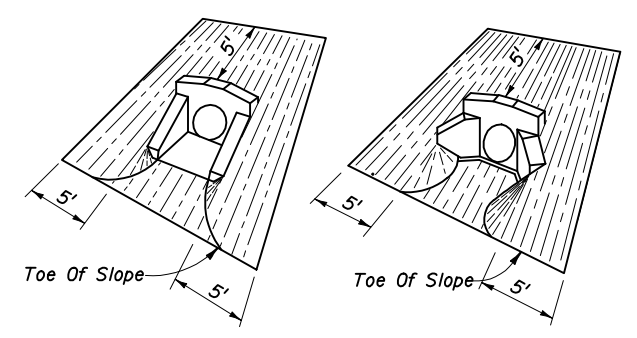
BONDED OPTION



NAILED OPTION

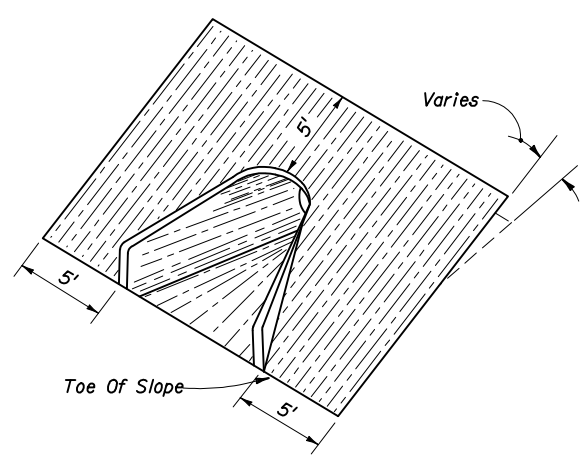
Note: Either option may be used unless otherwise called for in the plans.

GEOTEXTILE PLACEMENT AT CONCRETE STRUCTURE



U - TYPE WINGS **45° WINGS**

WINGED ENDWALLS
INDEX 266



FLARED END SECTION
INDEX 270

SODDING QUANTITIES (S. Y.)

PIPE SIZE	INDEX 250												INDEX 261				INDEX 266				INDEX 270
	SLOPE												SLOPE				SLOPE				
	1:2			1:3			1:4			1:6			1:2		1:3		1:4		1:6		
	PIPES												PIPES				PIPES				
	1	2	3	1	2	3	1	2	3	1	2	3	1	1	1	1	1	1	1	1	1
12"													13 (15)	16	17	23	14	15	18	22	10
15"	19	21	24	22	26	29	26	30	33	34	38	43	15	17	20	25	15	17	20	25	11
18"	21	24	27	25	29	33	30	34	38	39	44	50	14 (16)	17	19	25	16	18	22	28	11
21"																					12
24"	26	30	34	32	37	42	38	44	50	50	58	66	15 (17)	19	21	28	19	22	26	34	14
27"																					15
30"	31	37	42	39	46	53	46	55	63	62	74	85	17 (18)	21	24	32	21	25	30	40	16
36"	37	44	52	46	56	65	56	67	79	76	91	107					24	29	35	47	18
42"	43	53	62	55	67	79	67	82	96	91	111	132					27	32	39	54	19
48"	50	62	73	64	79	93	78	97	115	108	133	158					30	36	44	61	21
54"	57	71	85	74	92	110	91	113	136	126	157	188									21
60"																					22
66"																					25
72"																					26

() Endwall With Baffles

SODDING

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				
DITCH PAVEMENT & SODDING				
Names	Dates	Approved By <i>S. A. McHenry</i>		
Designed By		State Drainage Engineer		
Drawn By	HSD 08/85	Revision	Sheet No.	Index No.
Checked By	JBW/JVG 09/85	00	2 of 2	281