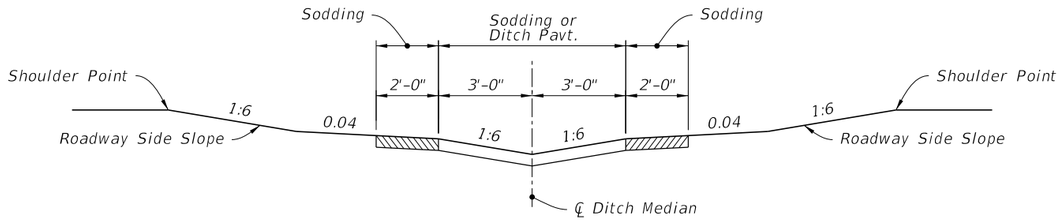
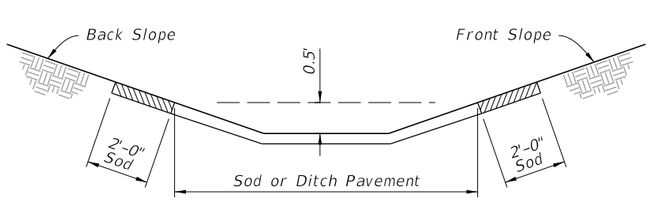
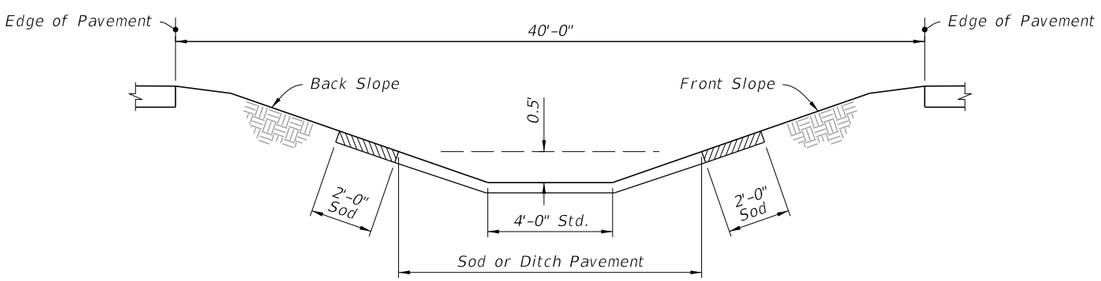


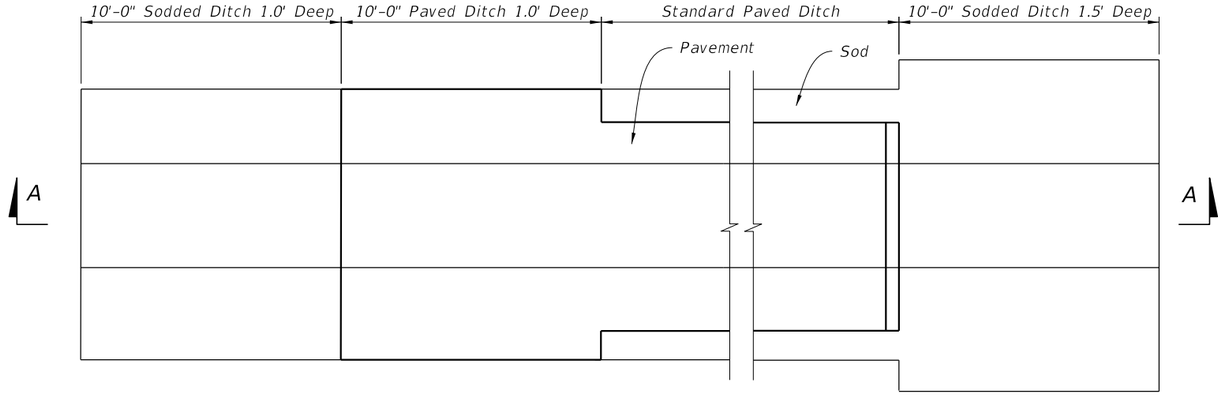
SWALED MEDIAN
(No Weep Holes)



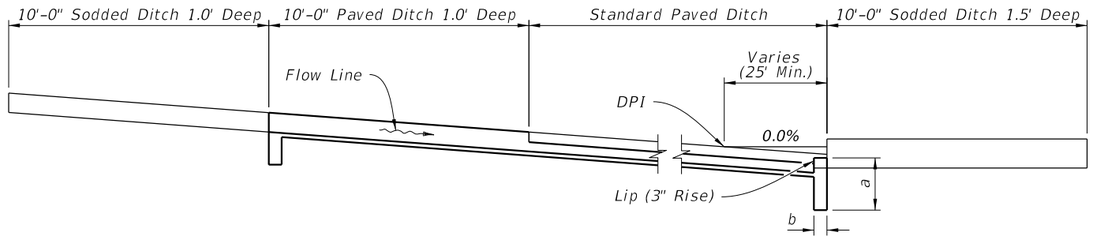
ROADWAY SIDE DITCH



40' MEDIAN



PLAN



SECTION A-A

PAVED DITCH END TREATMENT

GENERAL NOTES:

1. Install type of ditch pavement shown on Plans.
2. Construct lip at the end of ditch pavement downstream of DPI or on flatter grades where there is a decrease in ditch velocity.
3. Use toewalls with all ditch paving, except adjacent to drainage structures.
4. Construct sides of paving with 1' minimum height for junction of R/W ditch spillway and lateral ditch.
5. Select appropriate geotextile based on the application type referenced in Specification 985 and install in accordance with Specification 514 under all ditch pavement except for miscellaneous asphalt.
6. Install ditch pavement requiring reinforcement as detailed in Plans.

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LAST REVISION	REVISION	DESCRIPTION:			INDEX	SHEET
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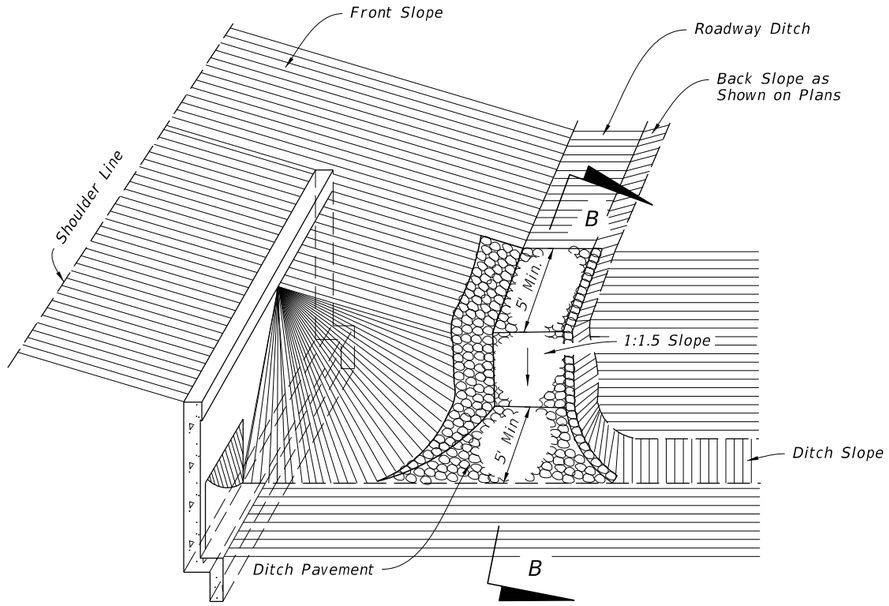
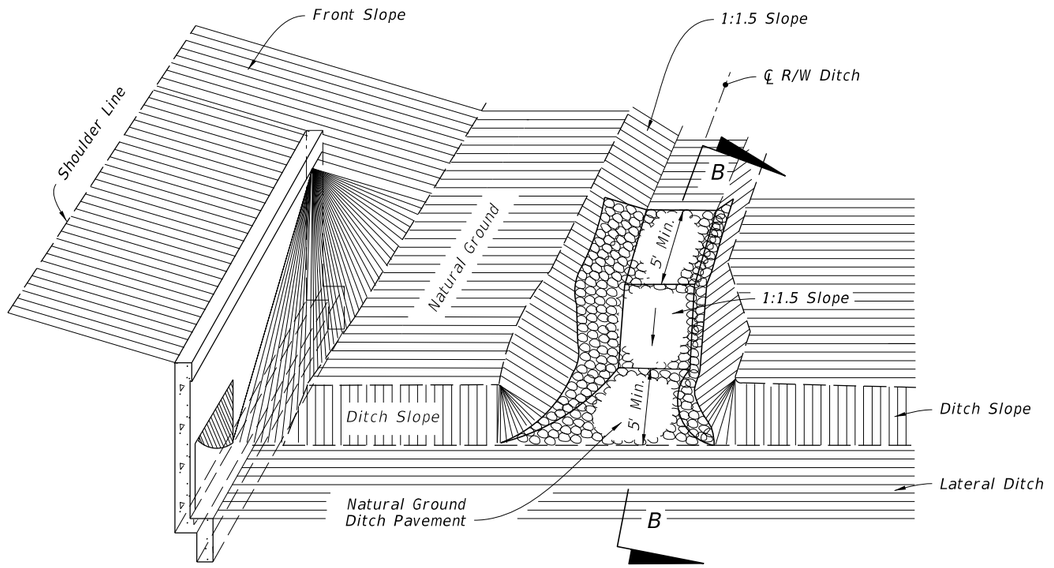


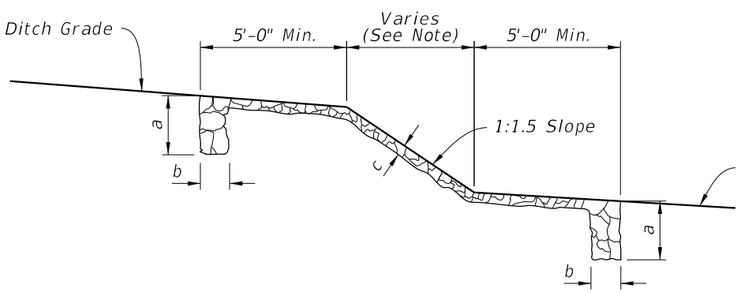
NOTE:
Miscellaneous asphalt will not be permitted for this type of construction.

JUNCTION OF ROADWAY DITCH AND LATERAL DITCH



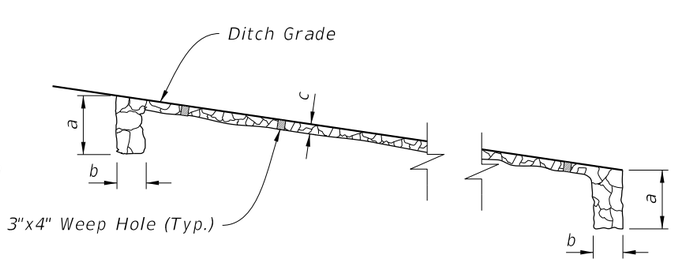
NOTE:
Miscellaneous asphalt will not be permitted for this type of construction.

JUNCTION OF R/W DITCH AND LATERAL DITCH

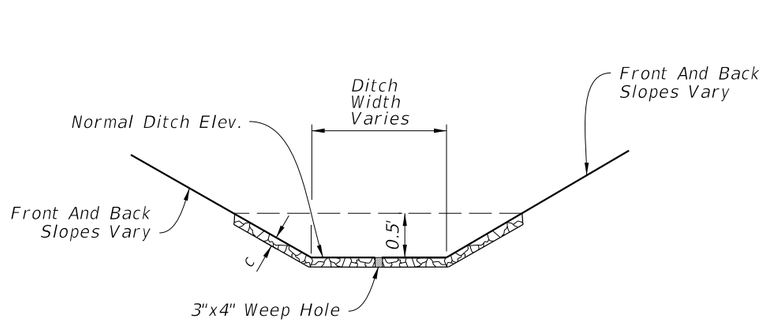


NOTE:
Do not construct weep holes in this area or 5' upstream

SECTION B-B
(As Shown)



SECTION B-B
(Locations Other Than Junction with Lateral Ditch)



TYPICAL SECTION

TABLE 1: DITCH PAVEMENT

Pavement Type	Dimensions			Geotextile Type	References & Remarks
	a	b	c		
Concrete	24"	6"	Varies	D-4	Specification 524
Miscellaneous Asphalt	24"	12"	4"	None	Specification 339
Riprap (Sand-Cement)	24"	12"	4"	D-4	Specification 530, Grouting of joints required
Riprap (Ditch Lining)	--	--	--	D-2	Specification 530

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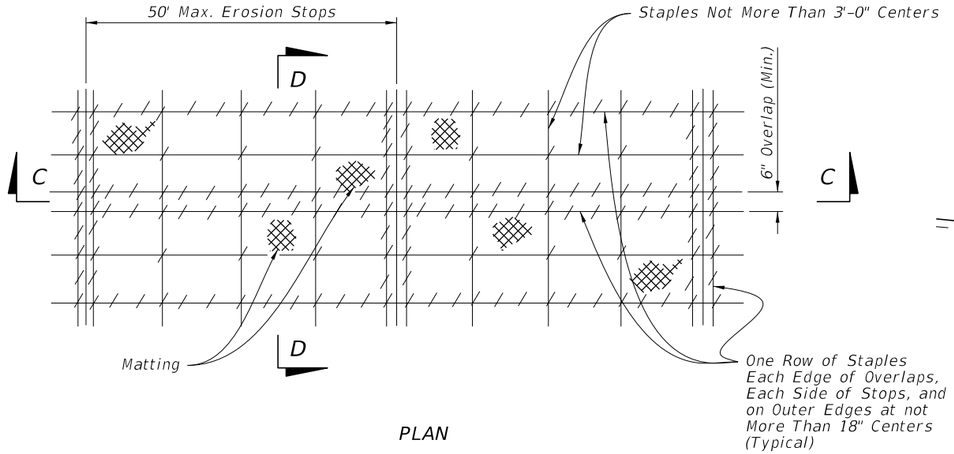
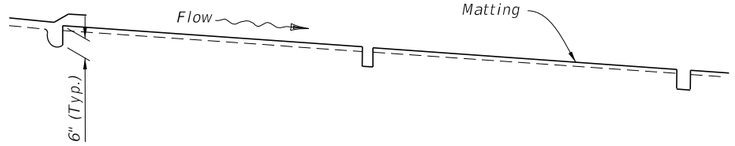
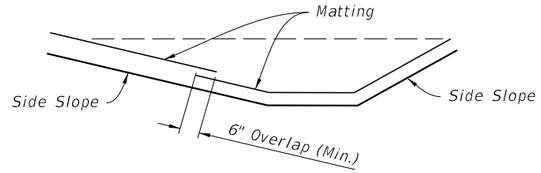


PLAN



SECTION C-C



SECTION D-D

MATTING FOR DITCH

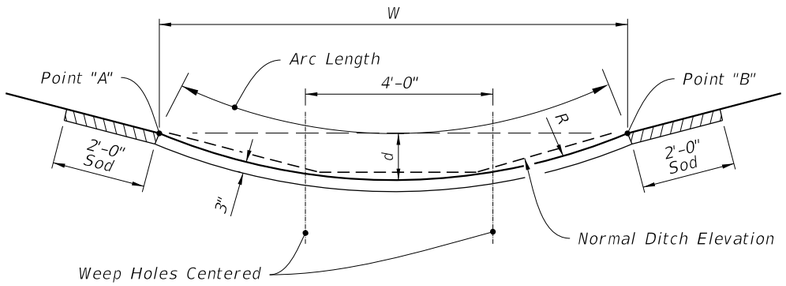
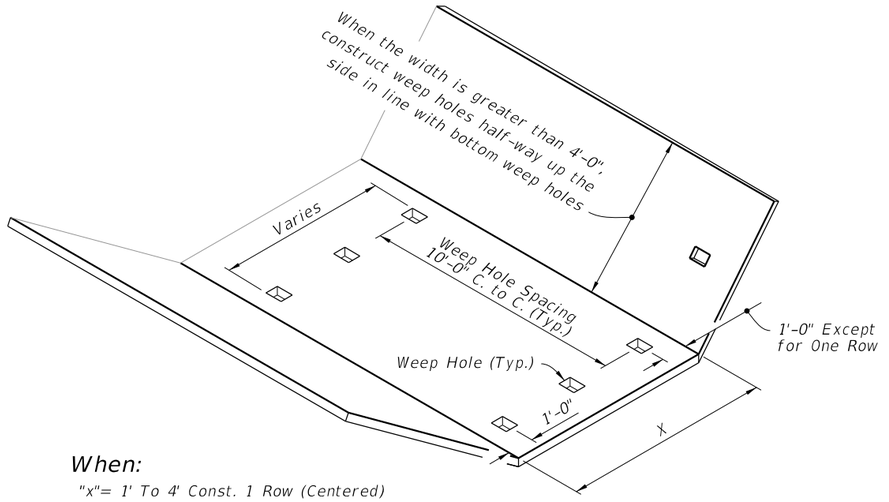


TABLE 2: ALTERNATE DITCH PAVEMENT					
TO REPLACE:	W	d	R	Rows Of Weep Holes	Arc Length
6' Median Swale	6'	0.24'	19'	0	6.0'
1:6 Front Slopes; 1:4 Back Slope					
5' Ditch Bottom Width	10'	0.67'	19'	2	10.1'
4' Ditch Bottom Width	9'	0.54'	19'	2	9.1'
1:4 Front Slopes & Back Slope					
5' Ditch Bottom Width	9'	0.74'	14'	2	9.2'
4' Ditch Bottom Width	8'	0.58'	14'	1 (in center)	8.1'

NOTE:

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

ALTERNATE DITCH PAVEMENT



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

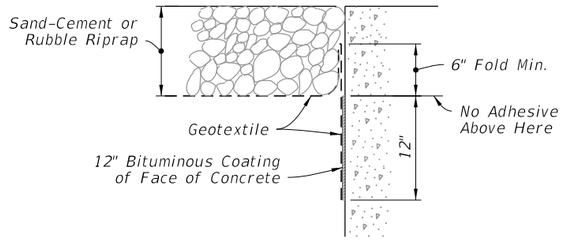
NOTES:

1. Construct all weep holes 3"x4" rectangle or 4" or 5" diameter circle hole. Place ½ cu. ft. (12" x 12" x 6") of No. 57 aggregate under each hole with 1 sq. ft. of galvanized wire mesh (¼" openings) placed between the aggregate and the ditch pavement.

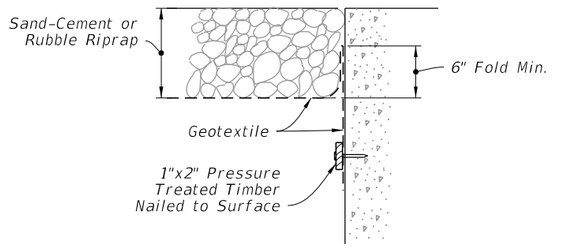
2. Rectangle weep holes shown, round weep holes similar.

3. Weep hole spacing may be reduced to 5' minimum when directed by the Engineer.

WEEP HOLE ARRANGEMENT



BONDED OPTION



NAILED OPTION

NOTE:

Either option may be used, unless called for in the plans.

GEOTEXTILE PLACEMENT AT CONCRETE STRUCTURE

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LAST REVISION	REVISION	DESCRIPTION:	FDOT	FY 2025-26 STANDARD PLANS	DITCH PAVEMENT AND SODDING	INDEX	SHEET
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