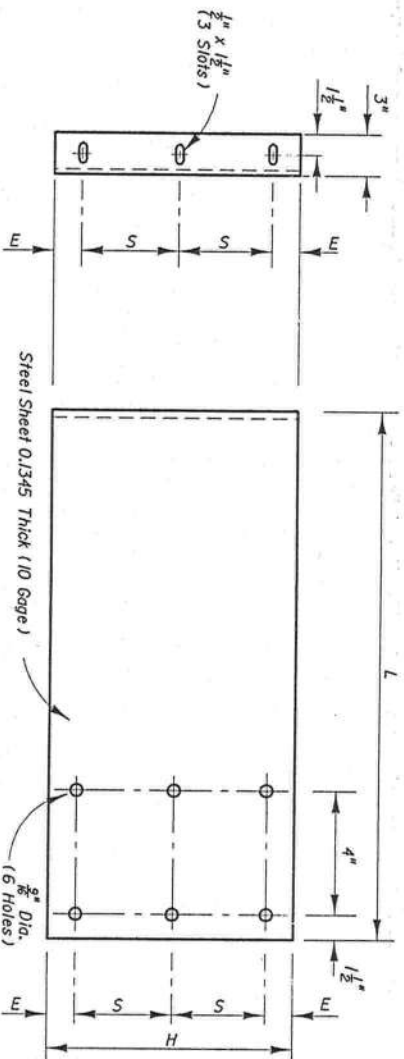
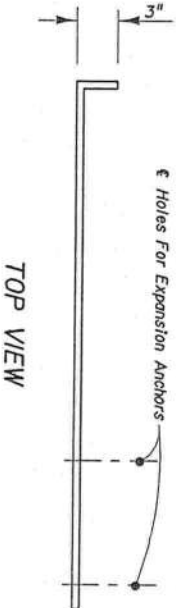
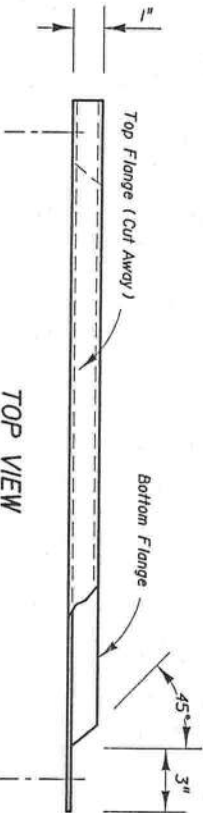
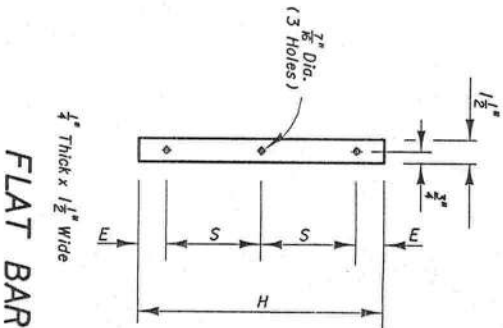


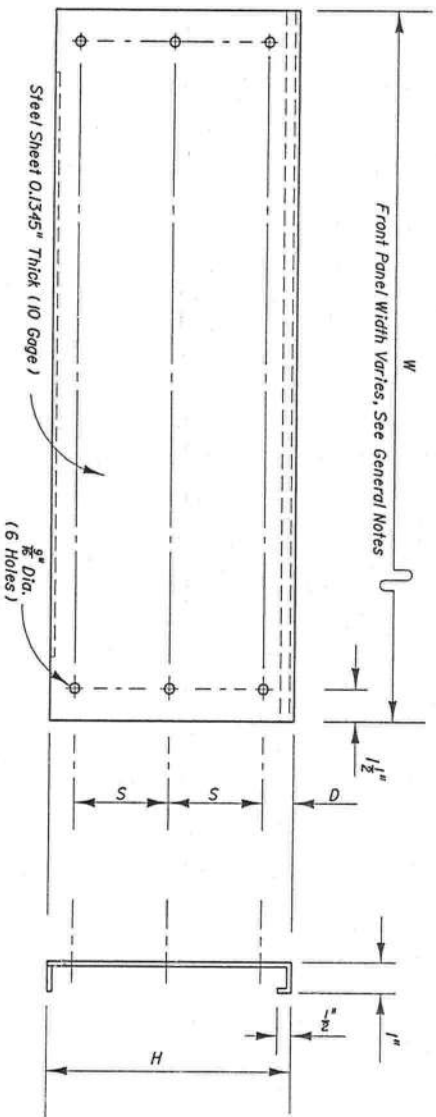
DIMENSIONS				
Skimmer Height as specified in the plans	D	E	L	Bolt Spacing S
H	Inches			
12	3 1/2"	3	28	3
14	3 3/4"	3	28	4
16	3 1/2"	3	28	5
18	3 3/4"	3	28	6
20	4 1/2"	4	31	6
22	4 3/4"	4	31	7
24	4 1/2"	4	31	8
26	4 3/4"	4	31	9
28	4 1/2"	4	31	10
30	5 1/4"	5	31	10
32	5 1/2"	5	31	11
34	5 3/4"	5	31	12
36	6 1/2"	6	31	12
38	6 3/4"	6	31	13
40	6 1/2"	6	31	14



END VIEW (FRONT)

SIDE VIEW

SIDE PANEL



FRONT VIEW

FRONT PANEL

END VIEW

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

SKIMMER FOR  
OUTLET CONTROL STRUCTURES

Names	Dates	Approved By
Designed By	02/99	State District Engineer
Drawn By	02/99	Sheet No.
Checked By	02/99	Index No.

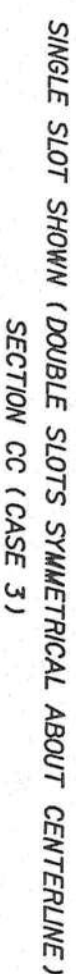
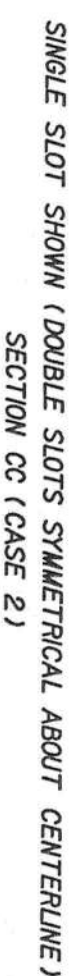
1. The general purpose of these conversions is to remove the hazard of the protruding inlet top, while not creating a hazard by depressing the top too deeply.

3. The designer shall stipulate in the plans which case is to be constructed at each individual inlet location.
- Where the existing inlet top is above the existing ditch (Case 2) but borrow material will be required to adjust the ditch (Case 3), and vertical clearance or other conditions do not prevent removal of the inlet top, the designer should call for Case 2. The designer shall determine if ditch reconstruction is required more than 35 feet beyond any reversible slot side and shall include separate pay items in the plans to cover the cost for that portion of required ditch reconstruction exceeding the 35 foot limit. The designer shall also determine whether ditch pavement is required for ditch restoration within the 35 foot limit and include that pavement under a pay item separate from the inlets portal.
- When the detention ditch concept is to be used with Case 3, the designer shall stipulate "Case 3 (Detention)" in the plans.

The designer shall determine whether tight soil or other conditions at each individual inlet indicates the need for underdrain in Case 3 conversions and shall call for Underdrain, Type I in the plans.

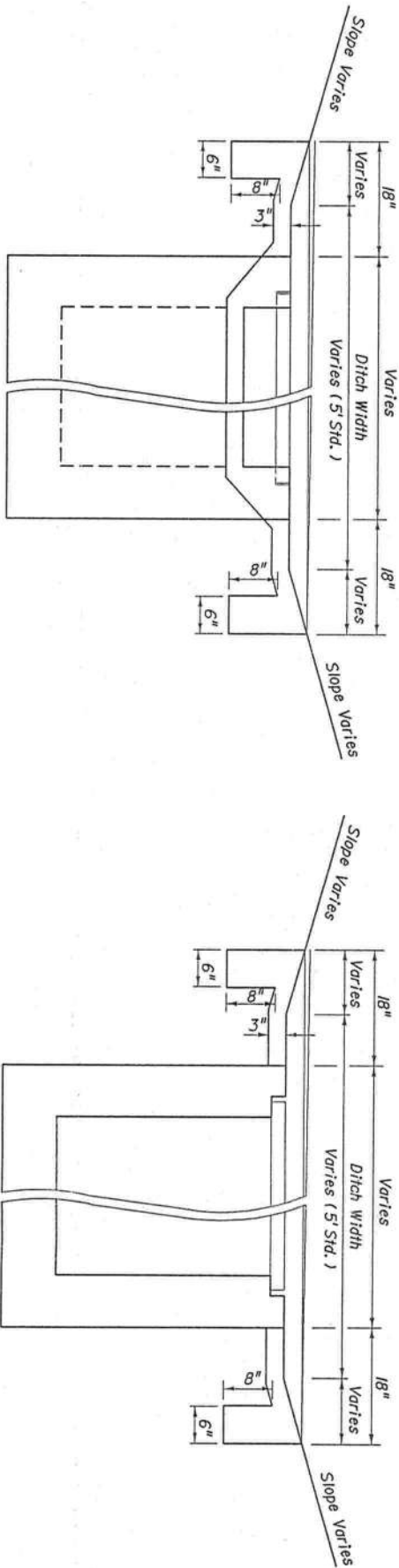
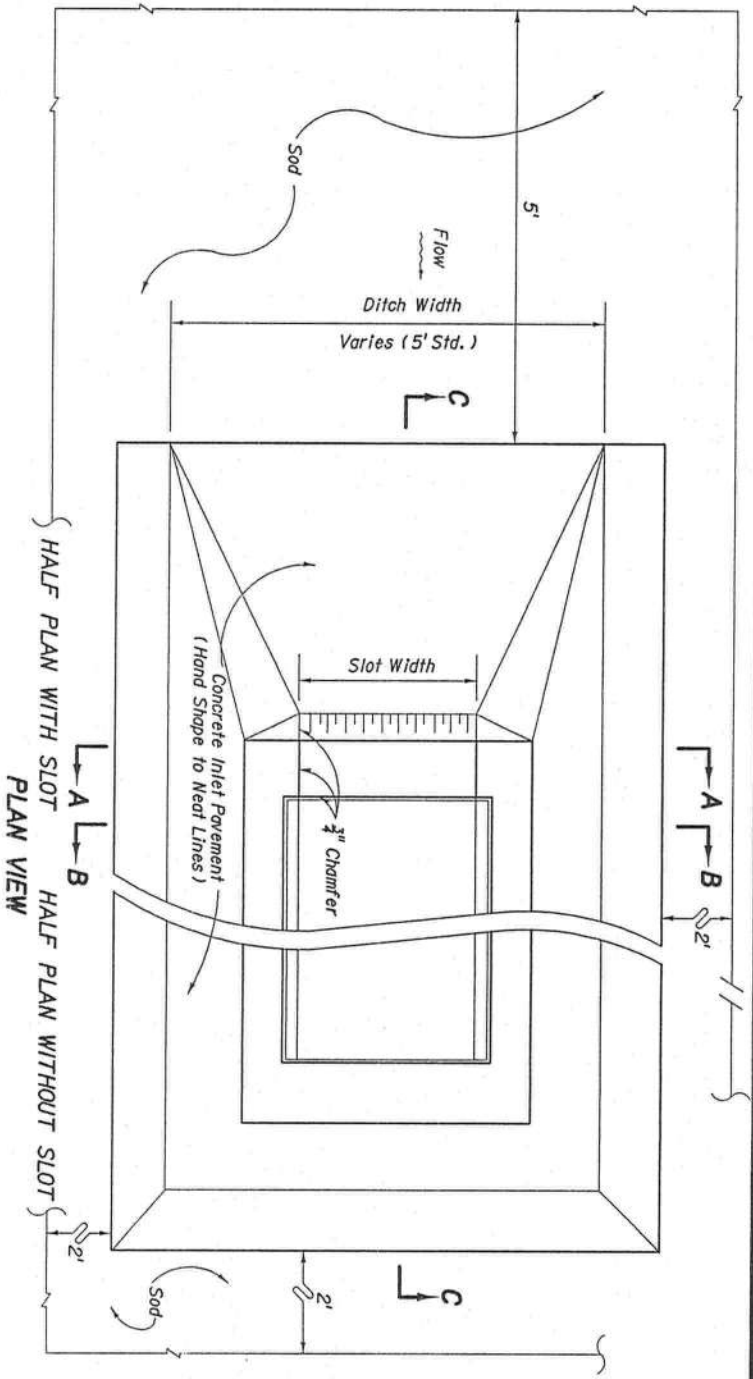
1. Existing inlets converted to traversable slot tops under Cases 1, 2 and 3 shall be paid for as inlets partial, each. Case shall not be included in the pay item description.

2. All ditch reconstruction work within 35 feet of each traversable slot conversion, whether required by these details or as a direct result of the conversion, shall be included as a part of the partial cost. Reconstruction work shall include excavation and removal of surplus materials or borrow materials in place, grading, compaction, shaping and seeding and mulching. Sodding, ditch pavement and underdrain are not included as part of the inlet partial cost and are to be paid for separately.
3. Concrete inlet pavement and sodding shall be in accordance with the sections on this detail and with the Plan on Sheet 2 and Sections AA, BB and CC (as Case 1) and tabular quantities on Sheet 3.
4. Unit price and payment shall constitute full compensation for inlet conversion (including concrete inlet paving and replacement grove (s)), ditch reconstruction, seeding and mulching, and shall be paid for under the contract price for inlets (DT Bot) (Type \_\_\_\_ ) (Partial), each.
5. Sodding shall be paid for under the contract unit price for Sodding, SY.
6. Ditch pavement shall be paid for separate from the inlet by pavement (Type(s) and unit(s)) as called for in the plans.



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**DITCH BOTTOM INLETS**  
**TYPES C, D, E & H**

Approved By <i>A. A. McFerrin</i>		Index No. <b>232</b>
Names	State Drainage Engineer	
Dates		
Designed By <b>JAC/ERN</b>		
Drawn By <b>HSD/446</b>		
Checked By <b>JAC/ERN</b>	Revision <b>00</b>	Sheet No. <b>4 of 5</b>



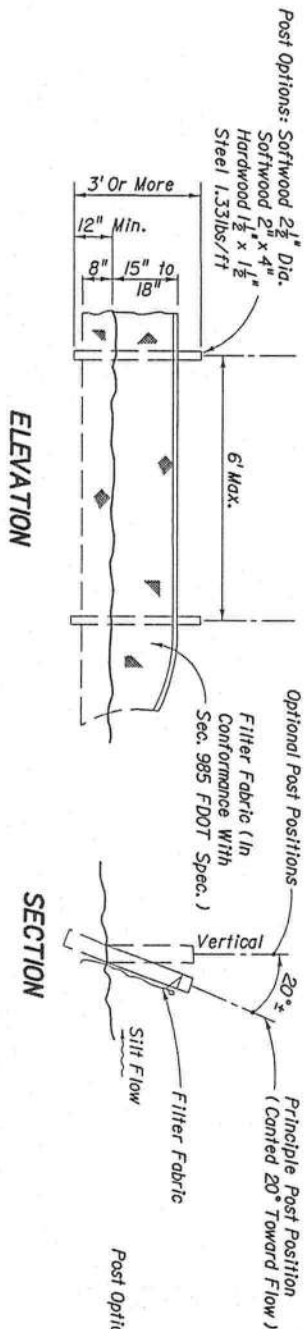
PAVEMENT AND SODDING QUANTITIES FOR TRAVERSABLE SLOTS									
Inlet	Pavement				Sod		SY	CY	CY
	Single Slot	Double Slot	Single Slot	Double Slot	Single Slot	Double Slot			
C	4.87	0.77	6.16	0.93	12	16			
D	5.99	0.91	7.70	1.10	14	19			
E	5.88	0.91	7.37	1.08	14	18			

TRAVERSABLE SLOTS

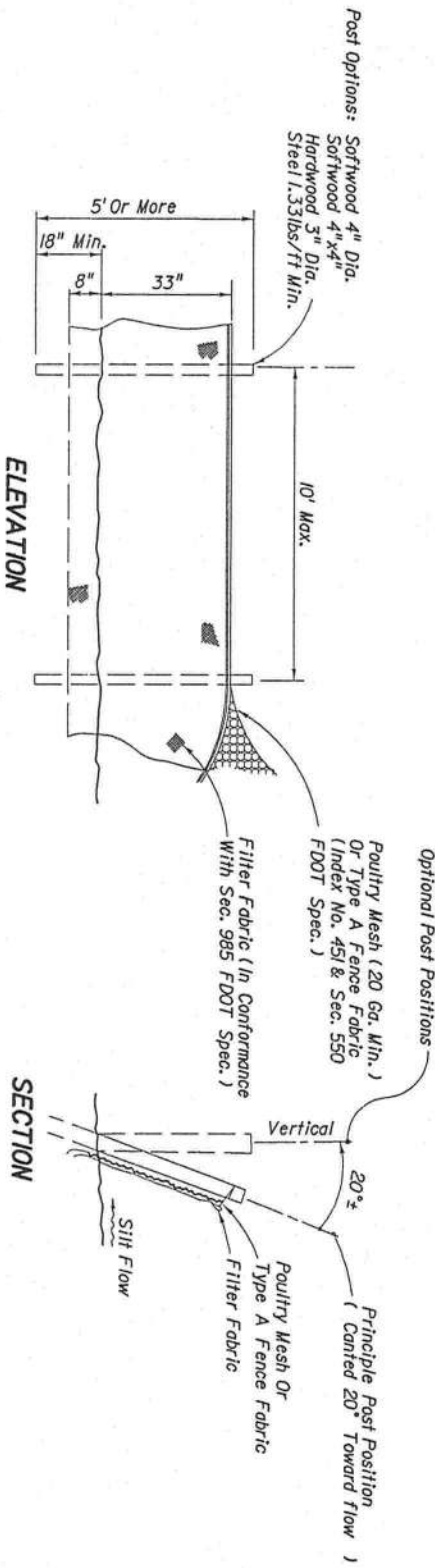
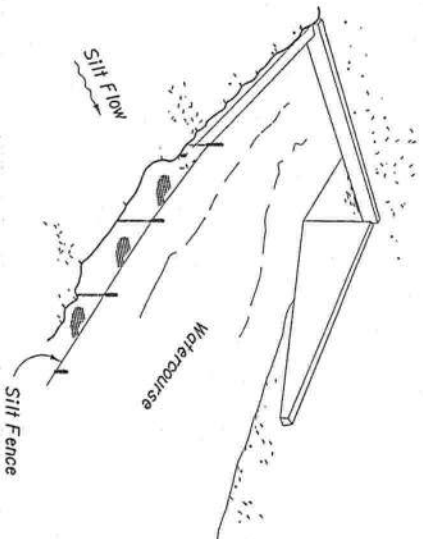
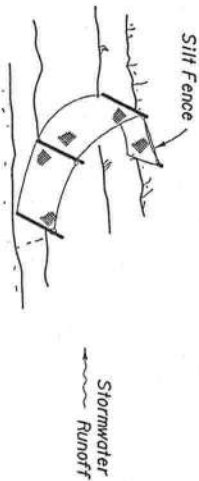
DITCH BOTTOM INLETS  
TYPES C, D, E, & H

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION									
DITCH BOTTOM INLETS TYPES C, D, E, & H									
Names		Dates		Approved By <i>A. A. McHenry</i>					
Designed By		EOR		State Drainage Engineer					
Drawn By		JM		Revision					
Checked By		JMG		Sheet No. 2 of 5					
				Index No. 232					

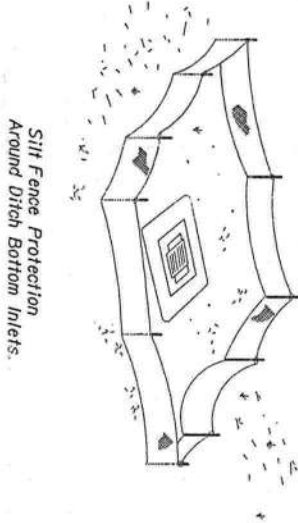
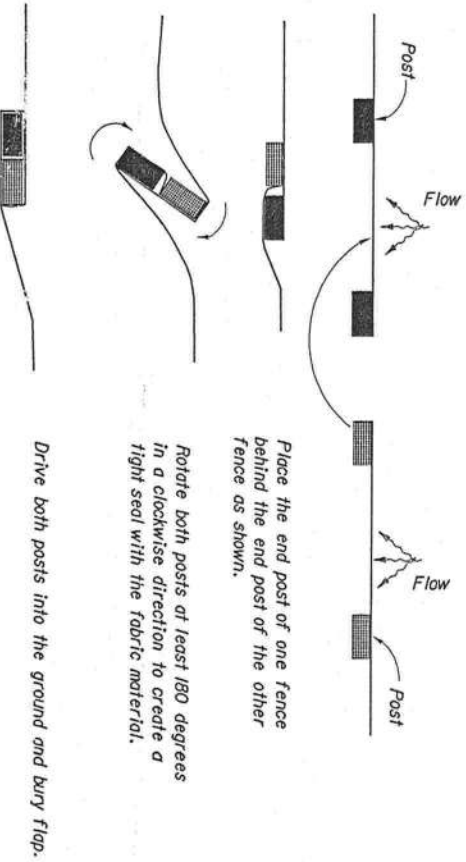




### TYPE III SILT FENCE



### TYPE IV SILT FENCE



### SILT FENCE APPLICATIONS

#### NOTES FOR SILT FENCES

1. Type III Silt Fence to be used at most locations. Where used in ditches, the spacing for Type III Silt fence shall be in accordance with Chart I, Sheet I.
2. Type IV Silt Fence to be used where large sediment loads are anticipated. Suggested use is where fill slope is 1:2 or steeper and length of slope exceeds 25 feet. Avoid use where the detained water may back into travel lanes or off the right of way.
3. Do not construct silt fences across permanent flowing watercourses. Silt fences are to be at upland locations and turbidity barriers used at permanent bodies of water.
4. Where used as slope protection, Silt Fence is to be constructed on 0% longitudinal grade to avoid channelizing runoff along the length of the fence.
5. Silt Fence to be paid for under the contract unit price for Staked Silt Fence, (LF).

#### PLAN VIEW

#### JOINING TWO SILT FENCES

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

### TEMPORARY EROSION AND SEDIMENT CONTROL

Names	Dates	Approved By
Designed By	RAA/CJA 09/85	A. A. McHenry
Drawn By	UAE 09/85	
Checked By	RAA 10/85	
Revision	02	3 of 3
Index No.	102	

