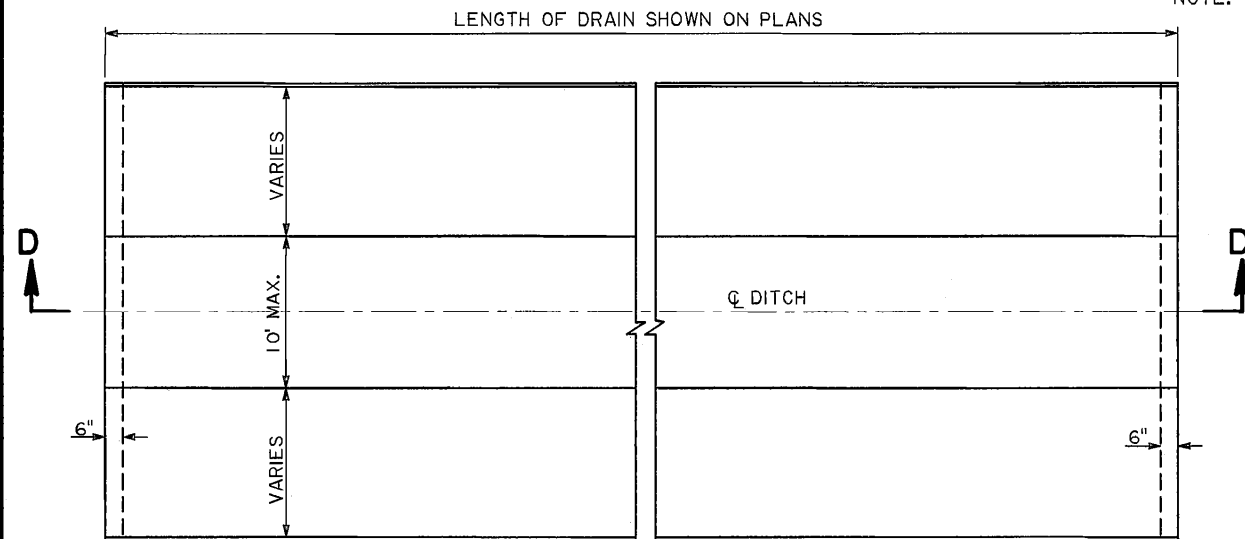


PAVED CHANNEL - ROADSIDE DITCH



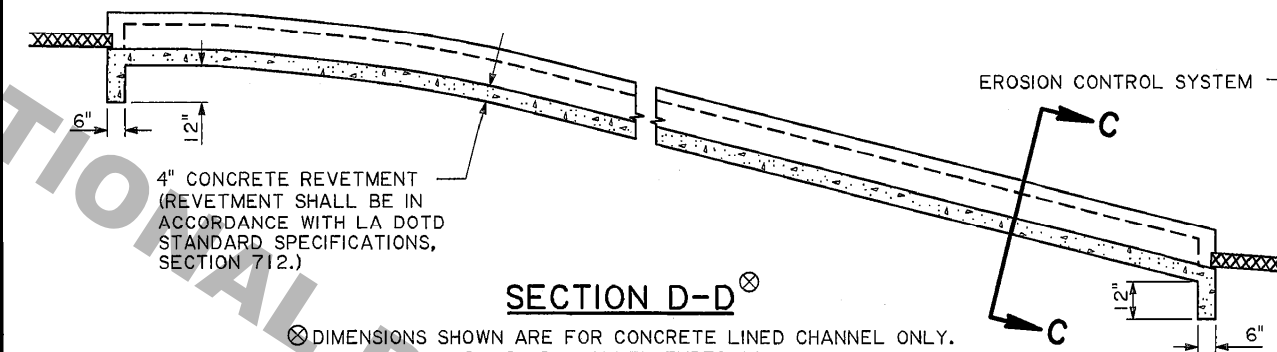
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Julie E. Taylor
8/5/2003

NOTE : CONSTRUCT 1/4" EXPANSION JOINTS
SPACED NOT GREATER THAN 200' CENTERS

PLAN ⊗

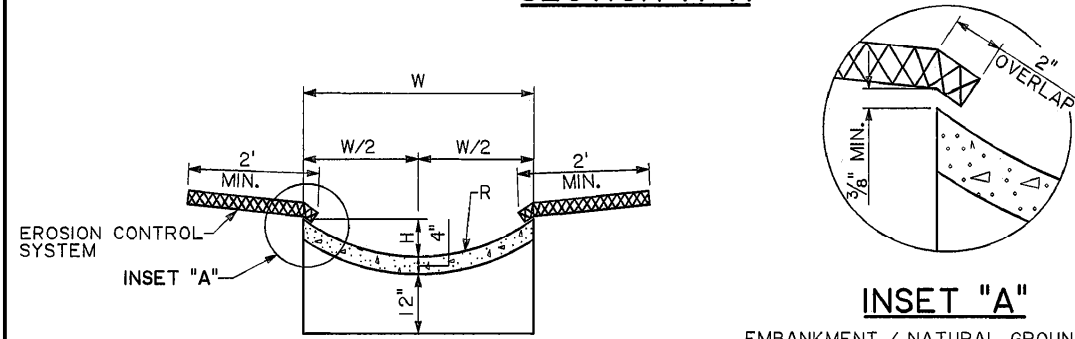
(EROSION CONTROL SYSTEM NOT SHOWN IN PLAN VIEW)



SECTION D-D ⊗

A diagram of a circular hatch cover. A rectangular section is shown with a diagonal hatching pattern. A dimension line indicates a "2" OVERLAP" for this section. Another dimension line indicates a "3/8" MIN." gap between the hatched section and another rectangular section below it. The lower section contains several small circles and triangles, representing fasteners or components.

INSET "B"



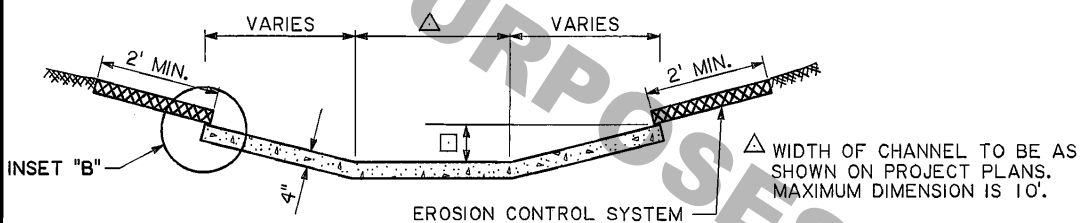
SECTION B-B

EMBANKMENT / NATURAL GROUND SHALL BE A MINIMUM OF $\frac{3}{8}$ " ABOVE ALL EXPOSED EDGES OF CONCRETE REVETMENT AND THE EROSION CONTROL SYSTEM SHALL OVERLAP THESE EDGES A MINIMUM OF 2", AS SHOWN ABOVE IN INSET "A".

DIMENSIONS AND QUANTITIES FOR PAVED DRAIN					
WIDTH OF PAVED DRAIN	H	R	W	EFFECTIVE AREA OF DRAIN	CONCRETE CAST-IN-PLACE REVTMENT
				SQ. FEET	SQ. YDS. / FT. *
2'-0"	6"	1'-3"	2'-0"	0.70	0.26
4'-0"	8"	3'-4"	4'-0"	1.82	0.48
6'-0"	12"	5'-0"	6'-0"	4.09	0.71
8'-0"	1'-4"	6'-8"	8'-0"	7.26	0.95
10'-0"	1'-8"	8'-4"	10'-0"	11.35	1.19

* QUANTITY INCLUDES TOTAL SURFACE AREA OF 4" REVETMENT SHOWN IN PLAN.
THE AREA OF TOEWALLS BELOW 4" REVETMENT, SHOWN IN SECTION A-A, IS NOT
INCLUDED IN THESE QUANTITIES, BUT SHOULD BE INCLUDED IN THE REVETMENT COST.

NOTE: ALL EXCAVATION BELOW PAVED DRAIN WILL BE INCIDENTAL TO THE
REVETMENT AND PAYMENT WILL BE INCLUDED IN THE REVETMENT ITEM.

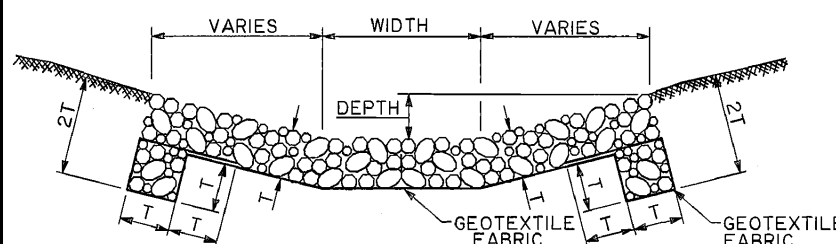


SECTION C-C

△ WIDTH OF CHANNEL TO BE AS SHOWN ON PROJECT PLANS. MAXIMUM DIMENSION IS 10'.

DEPTH OF CHANNEL TO BE AS SHOWN ON PROJECT PLANS. MAXIMUM DIMENSION IS 5'.

TYPE I: CONCRETE LINED CHANNEL



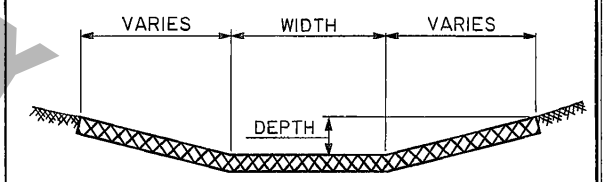
RIPRAP CHANNEL NOTES:

1. RIPRAP DIMENSIONS "T" AND "2T" AND PLACEMENT OF RIPRAP AT CHANNEL ENDS SHOULD BE THE SAME AS SHOWN ABOVE FOR CHANNEL SIDE SLOPES.
2. WIDTH AND DEPTH OF RIPRAP CHANNEL TO BE AS SHOWN ON PROJECT PLANS.

SECTION C-C

TYPE 2: RIPRAP CHANNEL

RIPRAP	
RIPRAP CLASS	MINIMUM THICKNESS T
lb	ln.
30	14
55	18
130	24
250	30



SECTION C-C

TYPE 3: EROSION CONTROL SYSTEM

- 1) EROSION CONTROL SYSTEM SHOULD BE PLACED IN ACCORDANCE WITH LA DOTD STANDARD SPECIFICATIONS, SECTION 720 AND IN ACCORDANCE WITH CROSS SECTIONS OF PROJECT PLANS.
- 2) WIDTH AND DEPTH OF CHANNEL TO BE AS SHOWN ON PROJECT PLANS. IF NO DEPTH IS GIVEN, IT SHOULD BE TAKEN AS 2'.