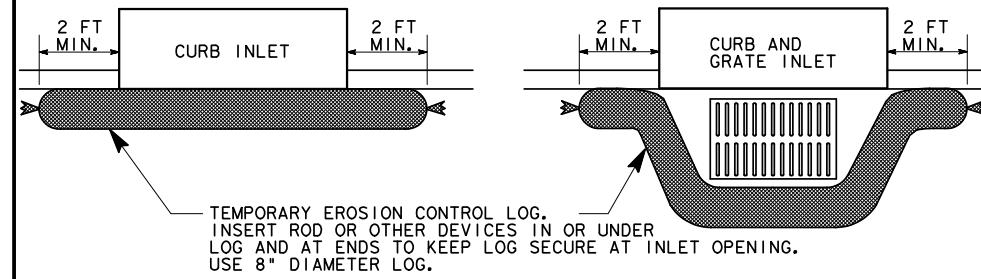


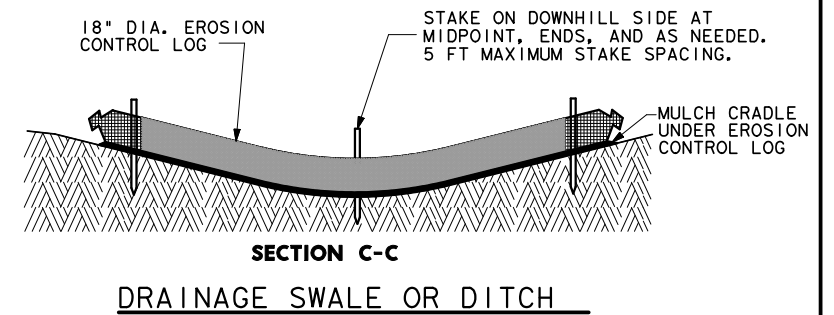
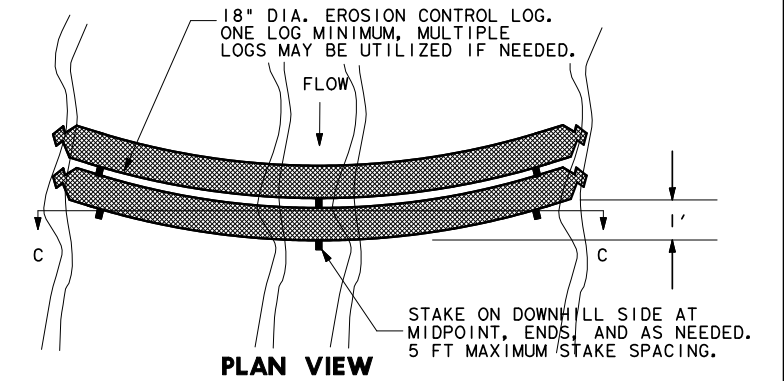
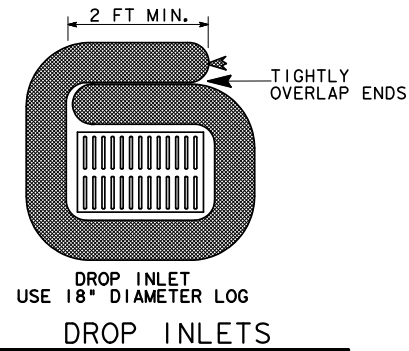
CURB INLETS 8" DIAMETER LOGS

ITEM 5049-2001 BIODGRD EROSION CONTROL LOGS (8" DIA) LF



DROP INLETS AND OTHER LOCATIONS 18" DIAMETER LOGS

ITEM 5049-2002 BIODGRD EROSION CONTROL LOGS (18" DIA) LF



MATERIAL REQUIREMENTS

FILL:

Use 100% shredded mulch or other non-compost biodegradable material as fill for logs. No compost or fines. DO NOT USE MATERIAL WHICH PROHIBITS WATER INFILTRATION.

LOG MESH:

Use mesh with 1/4" openings or larger. Mesh must allow water infiltration but also hold fill material in place.

SEDIMENT BASIN & TRAP USAGE GUIDELINES

A sediment trap (erosion control log) may be used to filter sediment out of runoff draining from an unstabilized area.

Traps: The drainage area for a sediment trap should not exceed 5 acres. The trap capacity should be 1800 CF/Acre (0.5" over the drainage area).

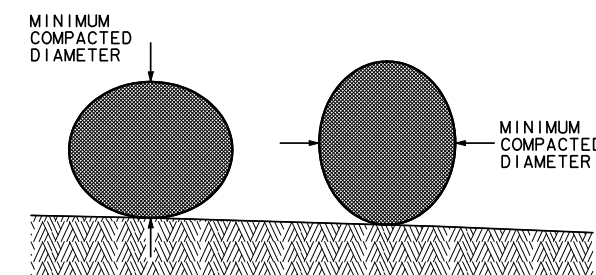
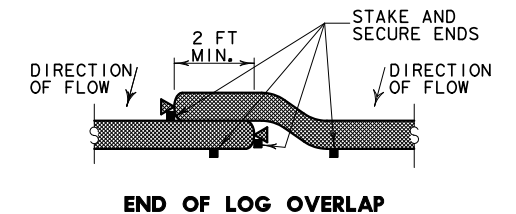
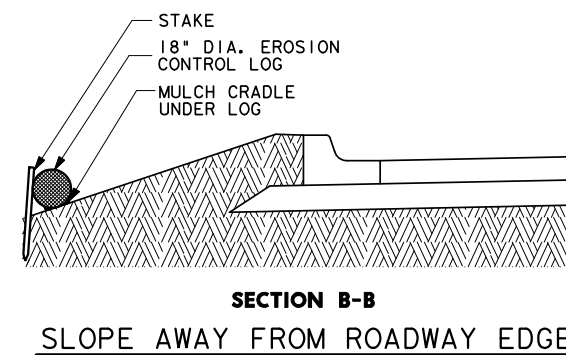
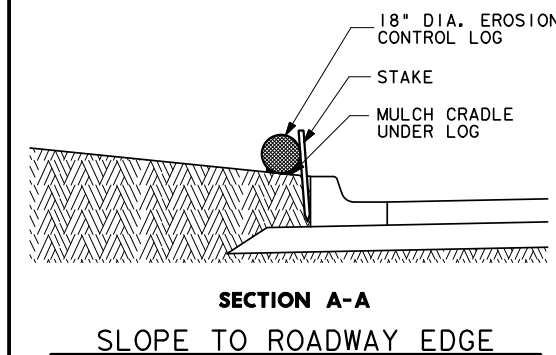
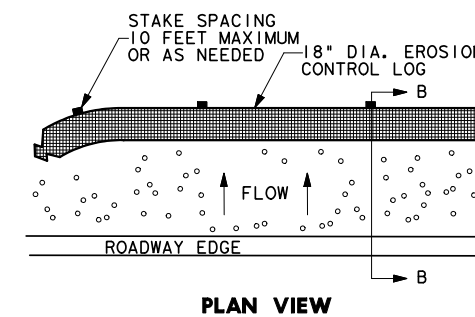
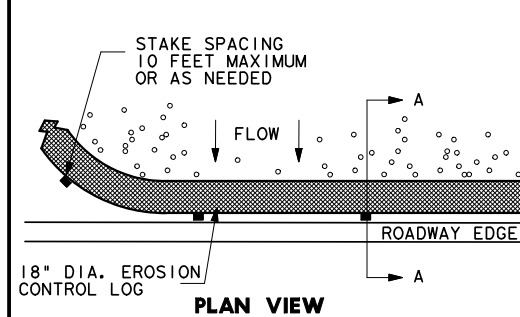
Sediment traps should be placed in the following locations:

1. Within drainage ditches spaced as needed or min. 500' on center
2. Immediately preceding ditch inlets
3. Just before the drainage enters a water course
4. Just before the drainage leaves the right of way

The trap should be cleaned when the capacity has been reduced by 1/2" or the sediment has accumulated to a depth of 1", whichever is less.

REQUIRED ITEMS:

- ITEM 5049-2001 BIODGRD EROSION CONTROL LOGS (8" DIA) LF (For curb inlets only.)
- ITEM 5049-2002 BIODGRD EROSION CONTROL LOGS (18" DIA) LF (For all other locations.)



DIAMETER MEASUREMENTS OF EROSION CONTROL LOGS SPECIFIED IN PLANS

Texas Department of Transportation
Houston District

EROSION CONTROL LOG

ECL

FILE#	STDG4.DGN	DN#	TxDot	CK#	TxDot	DN#	TxDot	CK#	TxDot
©	TxDOT Oct 2009	DISTRICT	FED REG	PROJECT NUMBER	SHEET				
REVISIONS	HOUSTON	6							
	COUNTY	CONTROL	SECT	JOB	HIGHWAY				