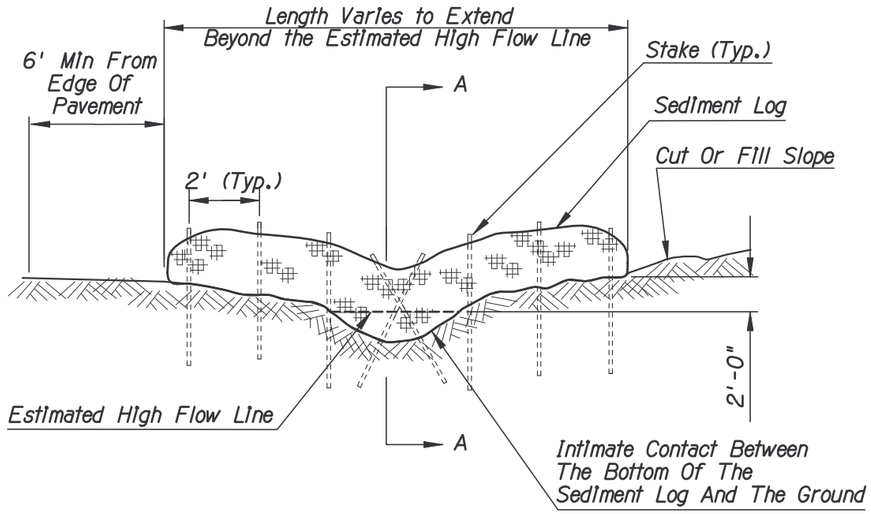
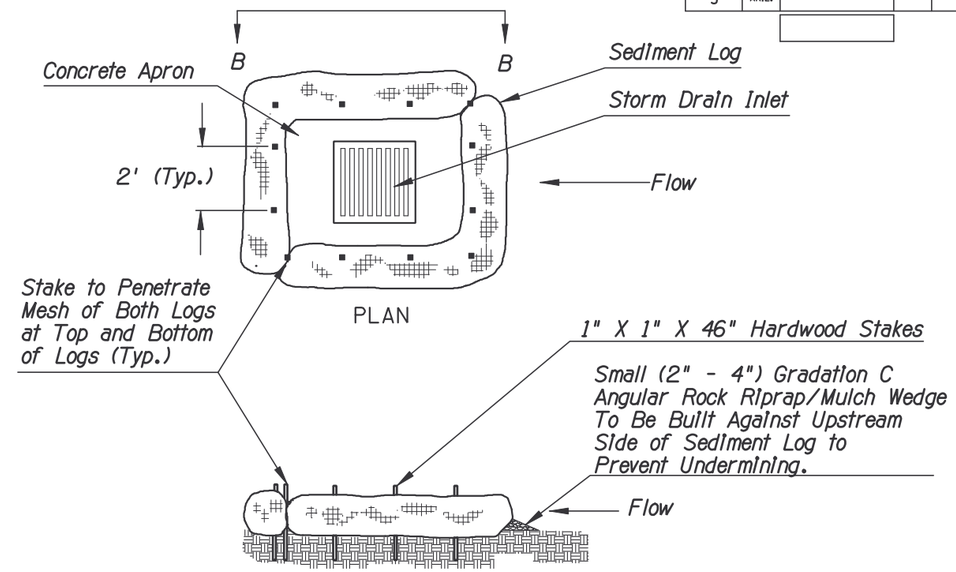
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				

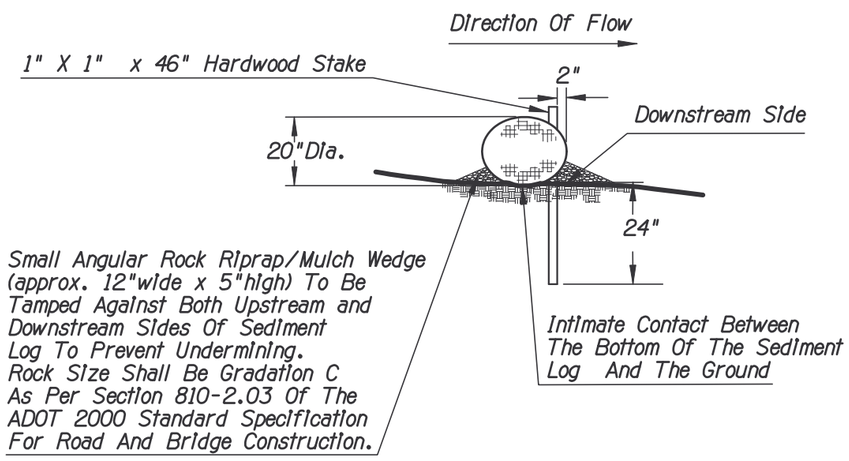


SEDIMENT LOG IN DITCH/CHANNEL
SECTIONAL ELEVATION (NTS)

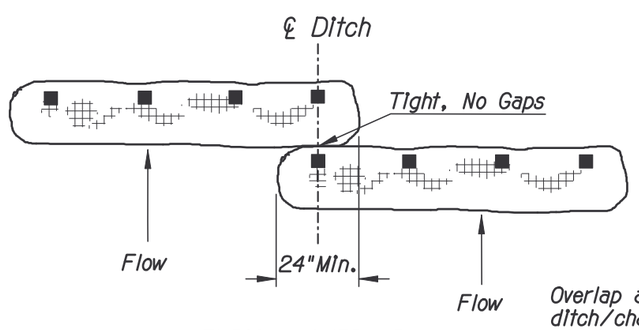


During Construction

SEDIMENT LOG AT STORM DRAIN
SECTION-ELEVATION B-B (NTS)



SECTION A-A (NTS)



TYPICAL OVERLAP
PLAN (NTS)

Overlap applies to situations where ditch/channel is wider than length of single Sediment Log.

NOTES

1. Sediment Logs shall be located as indicated in plans SWPPP or as directed by the Engineer.
2. Logs shall be selected, installed, and maintained with manufacturers' specifications and good engineering practices.
3. Lay sediment log across prepared ditch or channel. Trenching or burial of Sediment Logs is not required. The intimate contact between the bottom of the Log and the ground is mandatory. The Logs shall be installed in the ditch, swale or channel bottom perpendicular to the flow of water as shown on detail this sheet.
4. Stake Log as shown. Stakes shall be placed through downstream side only as shown. DO NOT drive stakes through center of the log. Stakes must be driven into the ground as shown.
5. Ensure that no gaps exist between soil and bottom of Sediment Log. Repair any rills or undercuts promptly.
6. In rock conditions the Engineer will evaluate placement of Sediment Logs.
7. For ditch slopes that exceed 8%, install rock riprap for channel/ditch lining or rock check dams in place of Sediment Logs.
8. Remove Sediment Log and stakes once final stabilization requirements are met. Contractor to dispose of Sediment Logs and dispose of trapped sediment material and to fill shallow trench created by Sediment Log.

DETAIL E1

	NAME	DATE
DESIGN	E LEROY BRADY	2-2006
DESIGN	ZITAO FANG	2-2006
DRAWN	ZITAO FANG	2-2006
CHECKED	E LEROY BRADY	2-2006
TEAM LEADER	E LEROY BRADY	2-2006
ROUTE	MP	LOCATION

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADSIDE DEVELOPMENT SECTION

EROSION/SEDIMENT CONTROL AND
WATER QUALITY PROTECTION DETAILS

SHEET OF

TRACS NO.

___ OF ___

NO. | DESCRIPTION OF REVISION | MADE BY | DATE