Attachment A

Attachment A: Base Bid Form

Base Bid Area
Schedule of Items

Lolo National Forest
Missoula Ranger District
Granite Creek Restoration Project 2018

ITEM #	DESCRIPTION	PAY UNIT	EST.QTY.	UNIT PRICE	TOTAL COST
1	Mobilization/Demobilization	Lump Sum	1		
2	Excavator and operator	Hour	830		
3	Dozer and operator	Hour	80		
4	Backhoe and operator	Hour	40		
5	10 wheel dump truck and operator	Hour	40		
6	3/4 ton pickup (or larger) trailer and driver	Hour	40		
7	Laborer	Hour	130		
8	Mulch	ton	1		
9	Dump fees	receipts	1	TBD	TBD
	Total Base Bid				

*These items have approximated quantities and may vary based on existing site/recovery conditions encountered as work progresses.

_____ _____
Print Company Name Signature

_____ _____
Print Name and Title Date

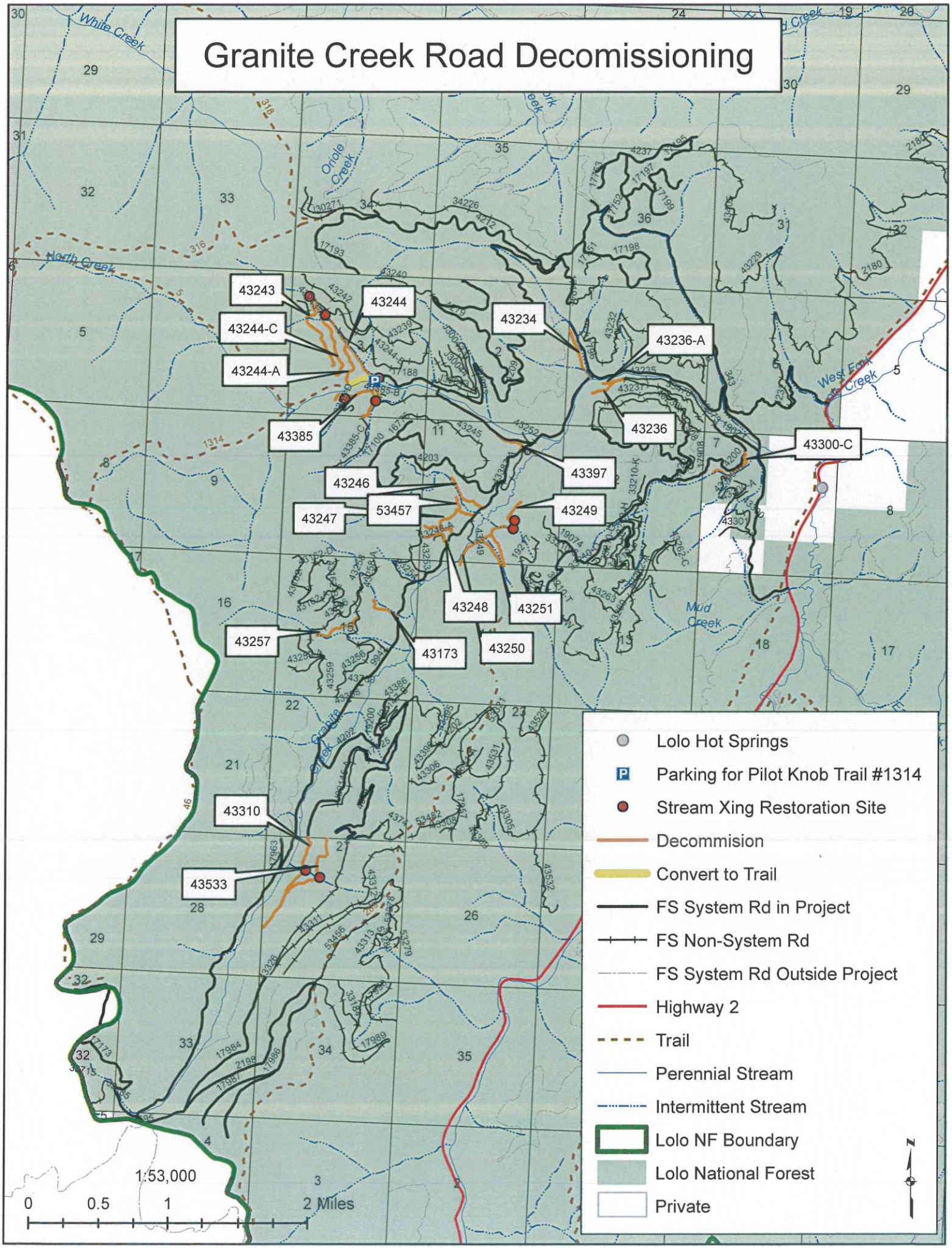
Base Items:

The Contractor shall be required to (a) commence work under this contract within 21 calendar days after the date the Contractor receives the notice to proceed, and (b) prosecute the work diligently. The time stated for completion shall include final cleanup of the premises.

The completion date is based on the assumption that the chosen contractor will receive the notice to proceed by June 15th, 2018. The completion date will be extended by the number of calendar days after the above date that the Contractor receives the notice to proceed, except to the extent that the delay in issuance of the notice to proceed results from the failure of the Contractor to execute the contract and give the required performance and payment bonds within the time specified in the offer.

Attachment B

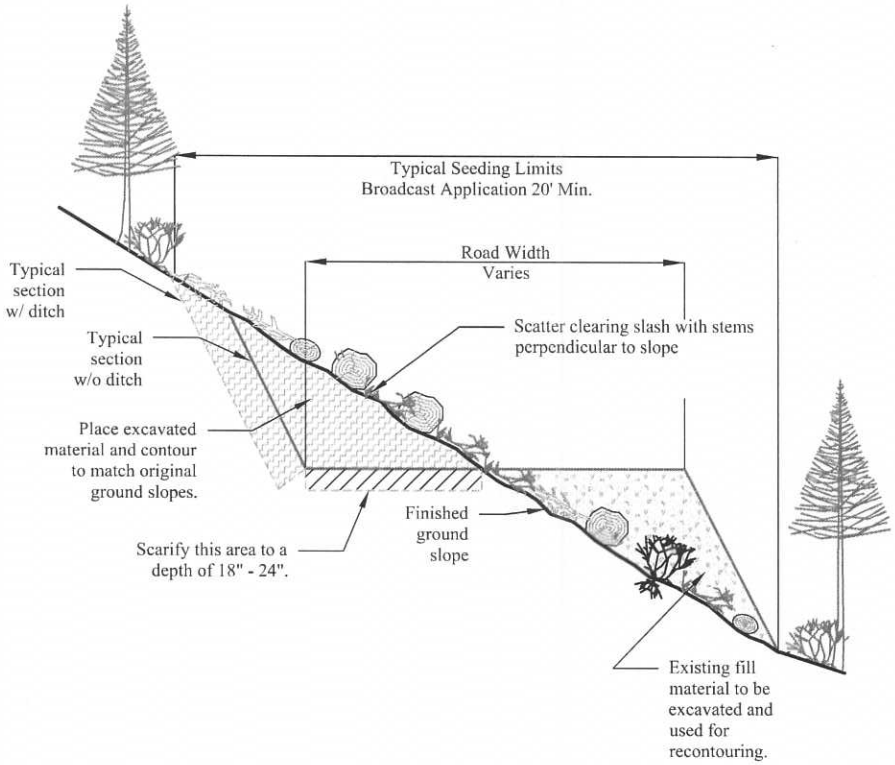
Granite Creek Road Decomissioning



Attachment C

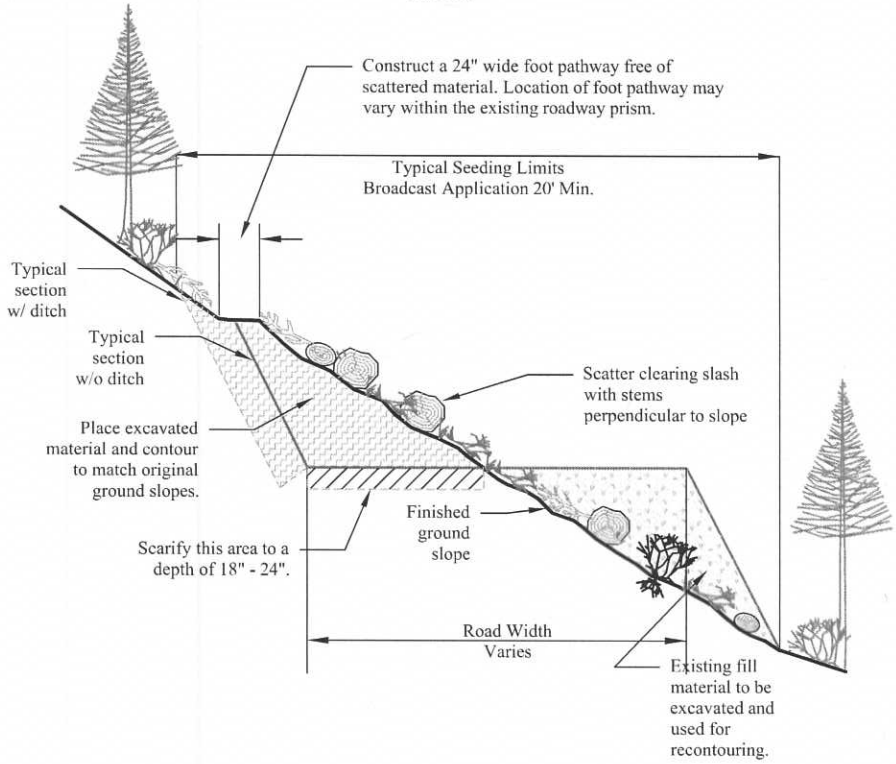
Typical Section Closure Level 5

Full Road Recontour
No Scale



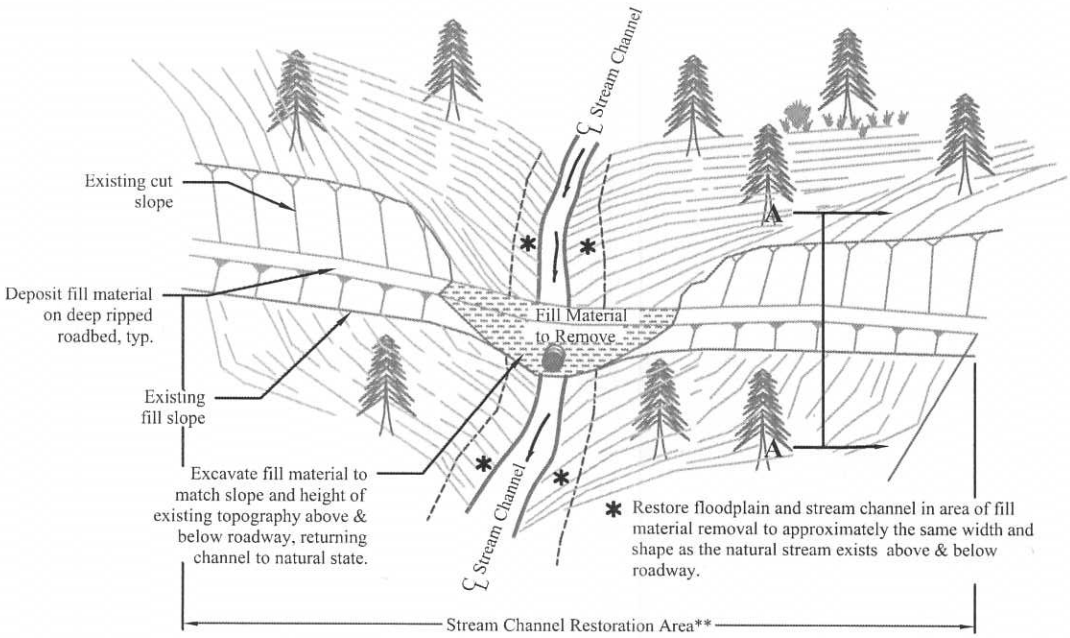
Typical Section Closure Level 5FP

Full Road Recontour w/ Footpath
No Scale



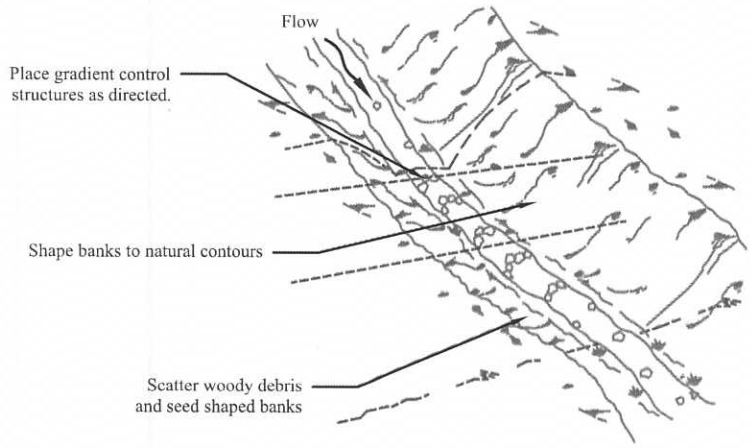
Granite Creek Decommissioning	Sheet	Total
Typical Section - Closure Level 5 &5FP	1	3

Culvert Removal in Draw or Stream

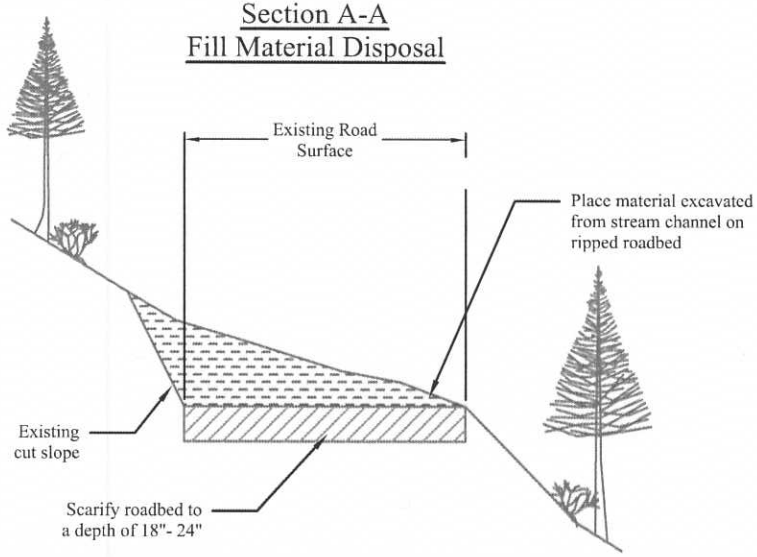


**Limits vary so that all fill material removed from the floodplain can be disposed of by recontouring the roadway an equal distance on each side of the channel.

Completed Stream Restoration



Section A-A
Fill Material Disposal



Notes:

1. Remove all fill material from floodplain and restore original channel dimensions. Fully contour the adjacent roadway by placing fill material on the deep ripped roadbed. Do not deposit more material than existed naturally prior to road construction. Adjust stream channel restoration area limits so that all excavated material is used to recontour the roadbed as shown on this sheet.

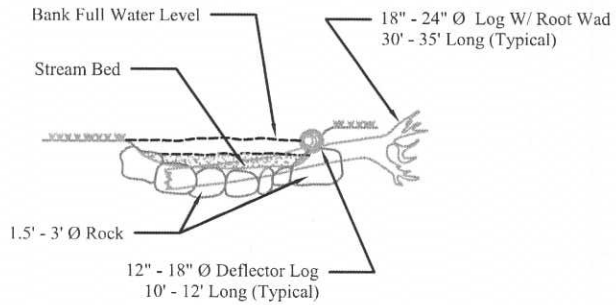
2. Stream restoration areas may be adjusted on either side of the channel to accommodate overlapping sections where streams are close together.

3. Scatter available woody debris on recontoured stream slopes. Place larger wood and rock on the floodplain.

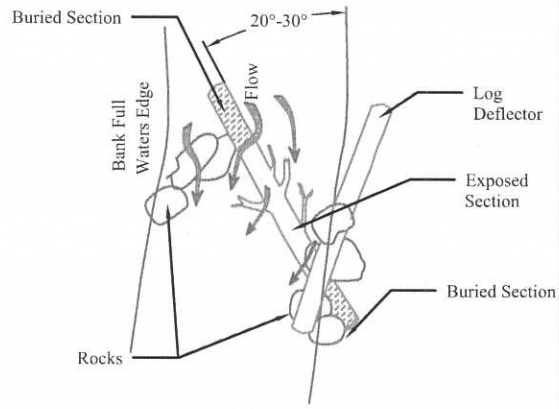
Granite Creek Decommissioning	Sheet	Total
Stream Channel Restoration Detail	2	3

Log-Spur

No Scale



Section View



Plan View

Notes:

1. Use logs with an 18" - 24" diameter unless otherwise approved.

2. Rock may be substituted and used in the same manner as logs.

3. Key the structure (log or rock) a minimum of 2'-3' into each stream bank at or just below original grade.

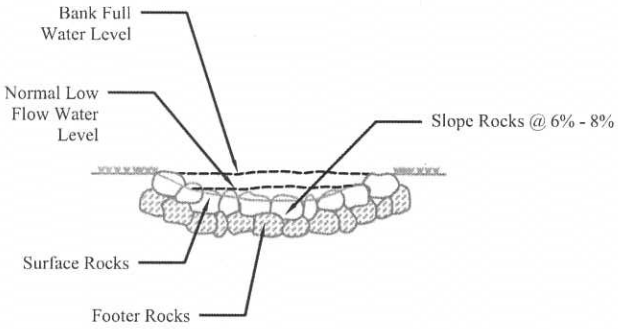
4. Structure spacing depends on the following natural stream gradient as measured above or below the crossing influence zone:
   a) > 8% : 1-2 (wbf)*
   b) 4-8% : 2-3 (wbf)*
   c) 2-4% : 3-4 (wbf)*
   d) < 2% : 4 (wbf)*

*wbf is the natural bankfull stream width

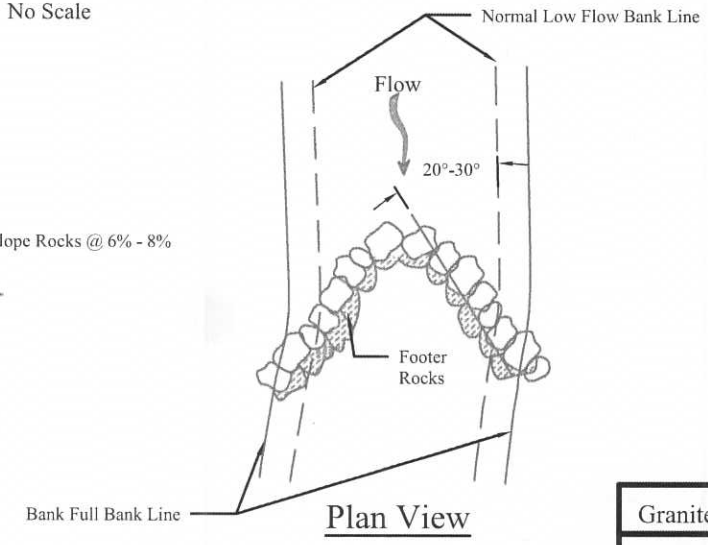
5. All surface rocks will be adequately protected from scour using footer rocks as shown in footer rock detail.

Rock Cross Vane

No Scale



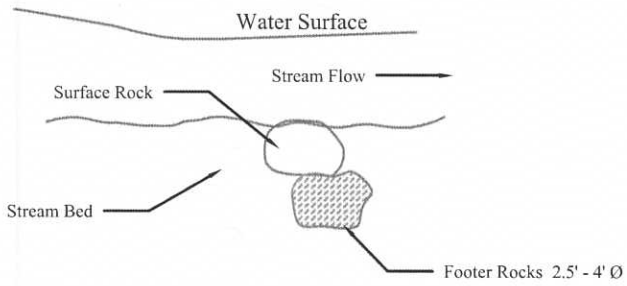
Section View



Plan View

Footer Rock Detail

No Scale



Granite Creek Decommissioning	Sheet	Total
Gradient Control Structures Detail	3	3