

Step 1: Excavate trench and install fiber rolls

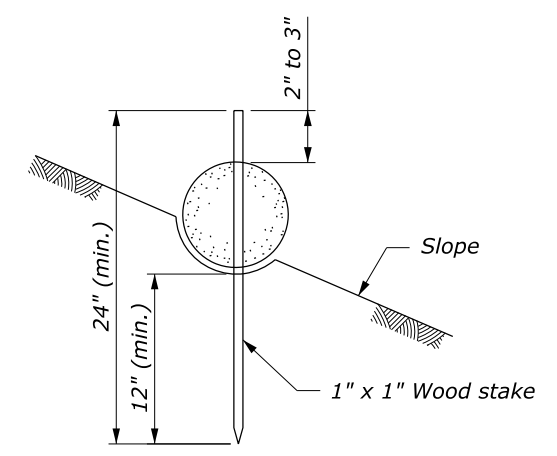
Step 2: Backfill soil against fiber rolls

**PROPERLY STAKED AND ENTRENCHED FIBER ROLL**

FIBER ROLL SPACING	
Slope	Spacing (FT)
1:4 or flatter	40
1:3	30
1:2	20
1:1	10

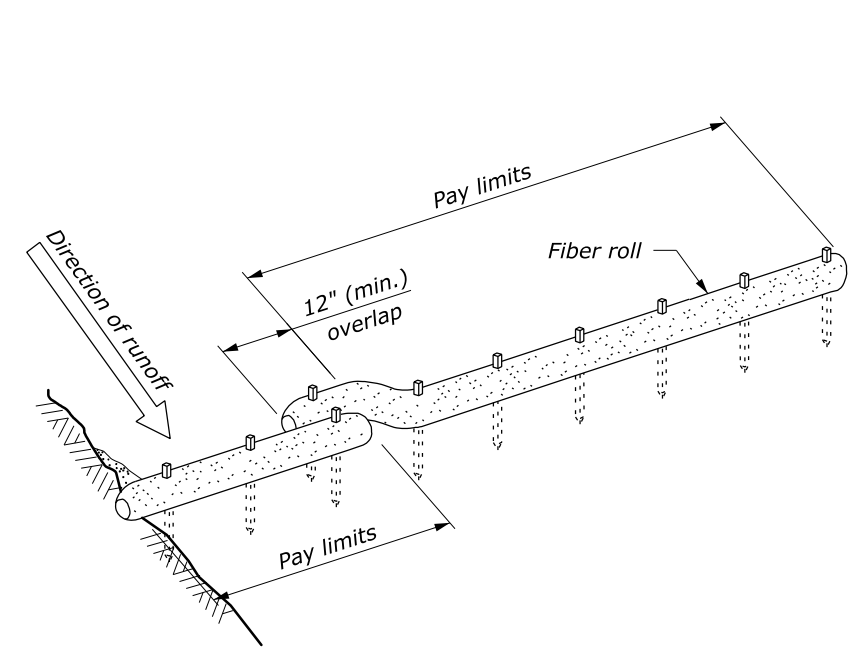
STAKES REQUIRED	
Fiber roll length (FT)	Stakes required for each roll
25	8
20	6
12	4

- NOTE:**
1. Drive stakes at each end and at 4-foot spacing until fiber roll is secure to slope. Live stakes may be used for permanent installations. Do not crush fiber roll while staking.
  2. Overlap fiber rolls 12-inch minimum. Drive stakes at 6-inches from fiber roll end angles towards the adjacent fiber roll and space stakes at 4-foot max.

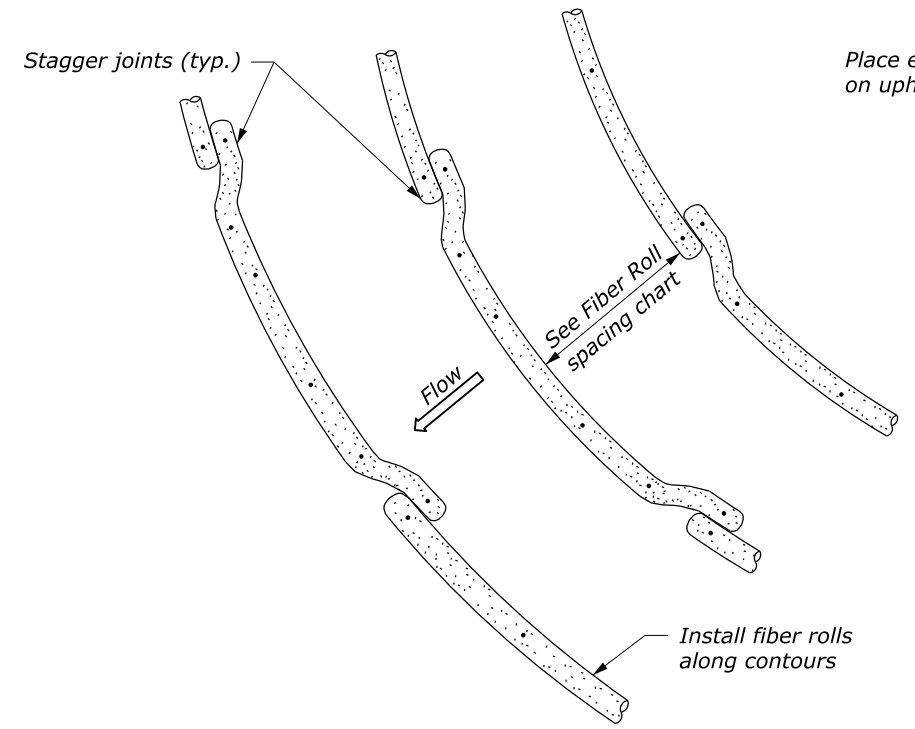


**FIBER ROLL STAKING DETAIL**

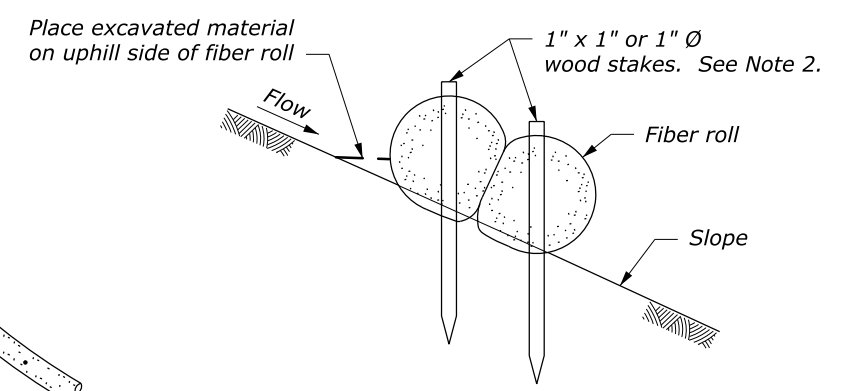
**INSTALLATION BEYOND TOE OF SLOPE**



**ALTERNATE FIBER ROLL JOINT DETAIL  
SLOPE PROTECTION INSTALLATION**



**INSTALLATION ALONG SLOPES**



**FIBER ROLL LAPPING DETAIL**

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION WESTERN FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
<b>FIBER ROLL</b>	
DETAIL APPROVED FOR USE 10/2014	DETAIL
REVISED: DRAFT: 7/2016	W157-21

NO SCALE