

Step 1: Excavate trench and install fiber rolls

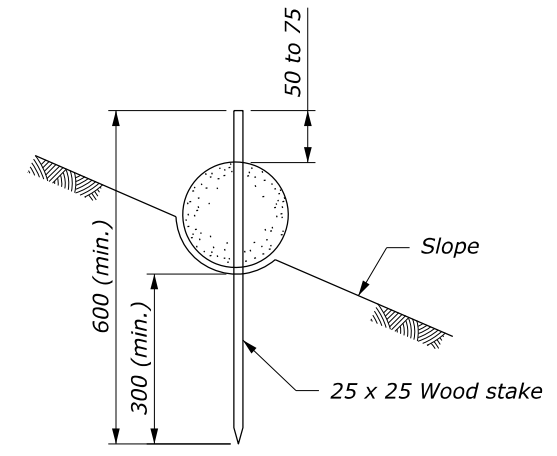
Step 2: Backfill soil against fiber rolls

**PROPERLY STAKED AND ENTRENCHED FIBER ROLL**

FIBER ROLL SPACING	
Slope	Spacing (m)
1:4 or flatter	12
1:3	9
1:2	6
1:1	3

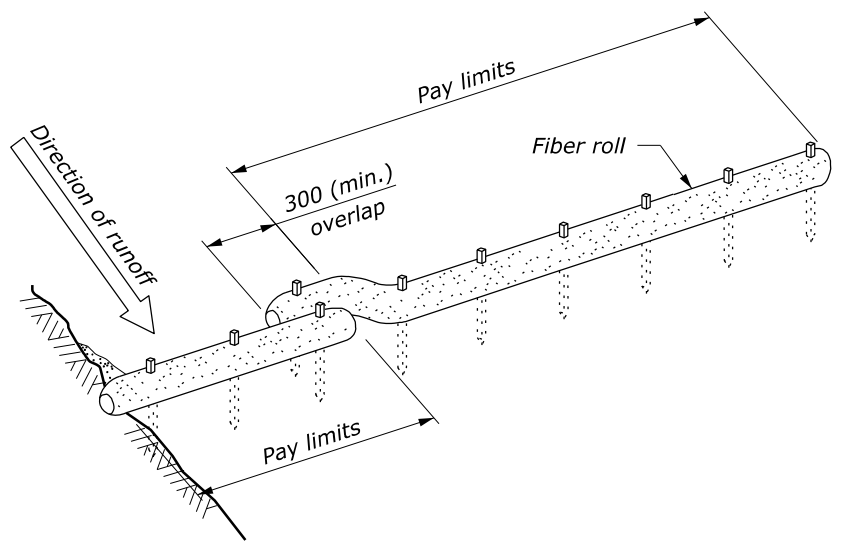
STAKES REQUIRED	
Fiber roll length (m)	Stakes required for each roll
7.5	8
6.0	6
3.5	4

- NOTE:**
1. Drive stakes at each end and at 1.2 m 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 300 mm minimum. Drive stakes at 150 mm from fiber roll end angles towards the adjacent fiber roll and space stakes at 1.2 meters max.
  3. Dimensions without units are millimeters.

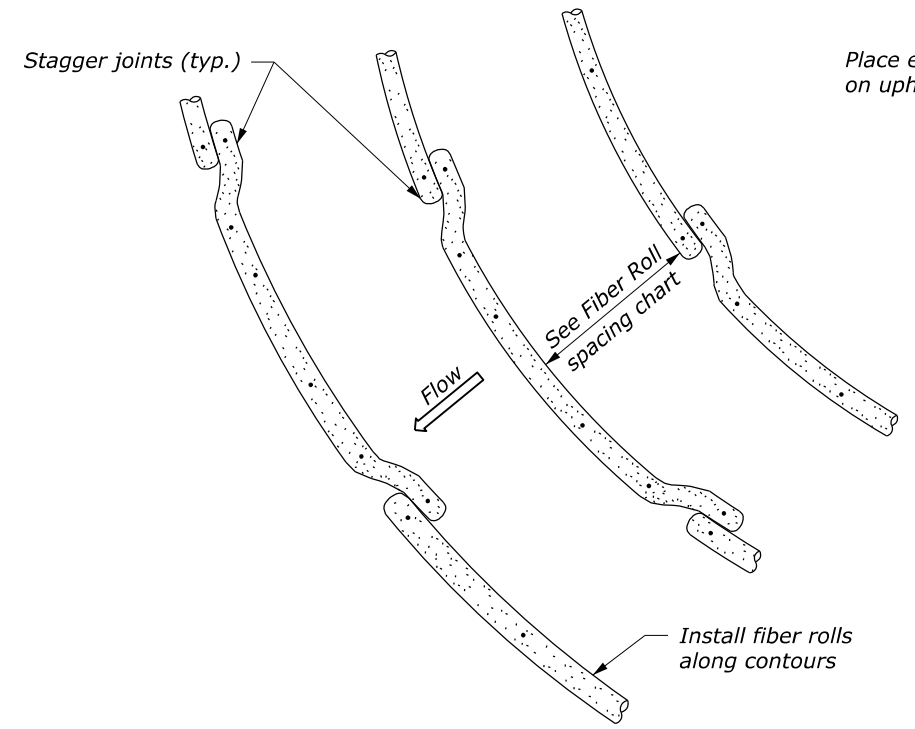


**FIBER ROLL STAKING DETAIL**

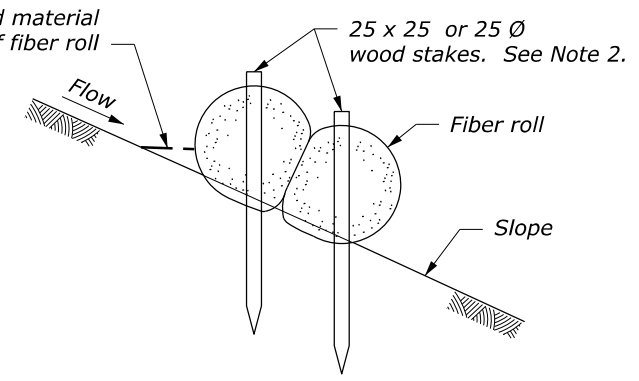
**INSTALLATION BEYOND TOE OF SLOPE**



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



**INSTALLATION ALONG SLOPES**



**FIBER ROLL LAPPING DETAIL**

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION OFFICE OF FEDERAL LANDS HIGHWAY	
WFLHD METRIC DETAIL	
<b>FIBER ROLL</b>	
DETAIL APPROVED FOR USE 10/2014 REVISED: 7/2016	DETAIL WM157-21

NO SCALE