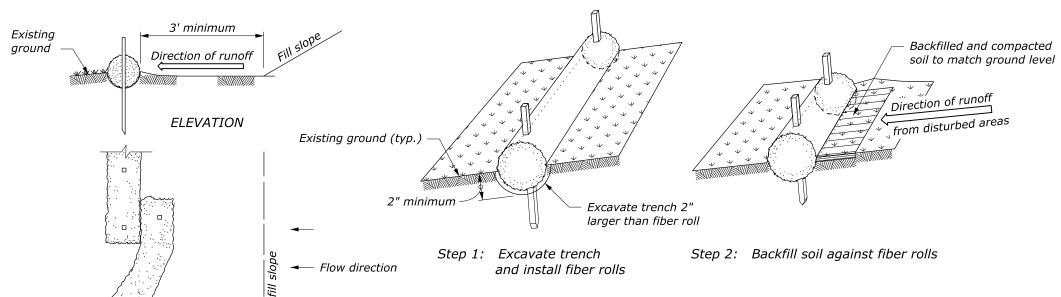
PROJECT SHEET NUMBER



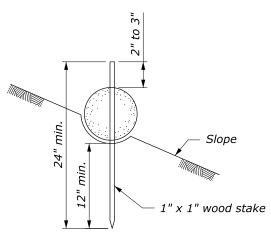
PROPERLY STAKED AND ENTRENCHED FIBER ROLL

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	Stakes required	
(FT)	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 maximum.



FIBER ROLL STAKING DETAIL

INSTALLATION BEYOND TOE OF SLOPE

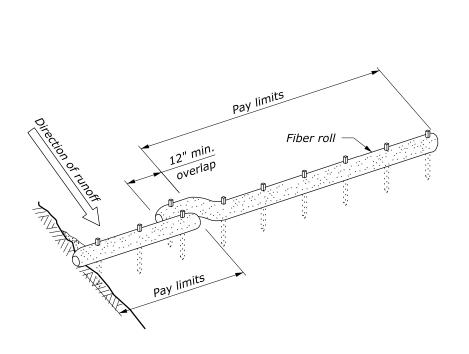
PLAN

3' minimum or as shown in plans

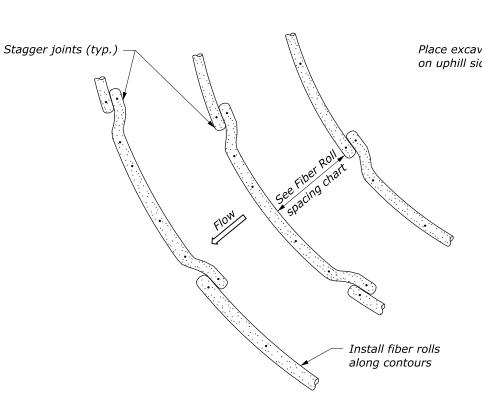
Runoff from

disturbed areas

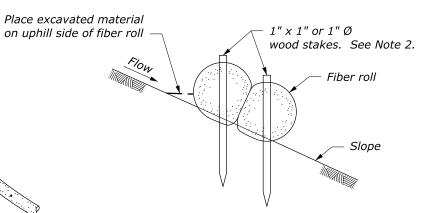
Fiber roll



ALTERNATE FIBER ROLL JOINT DETAIL SLOPE PROTECTION INSTALLATION



INSTALLATION ALONG SLOPES



FIBER ROLL LAPPING DETAIL

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

W157-21

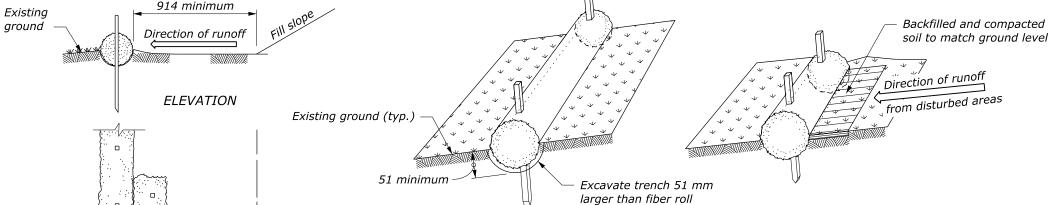
SPECIFICATION
FP-24, FP-14

APPROVED FOR USE
7/2016

42 2005 41.17 AM

NO SCALE

PROJECT



→ Flow direction

Step 1: Excavate trench and install fiber rolls Step 2: Backfill soil against fiber rolls

STAKES REQUIRED

Fiber roll length | Stakes required

(m)

7.6

6.1

3.7

for each roll

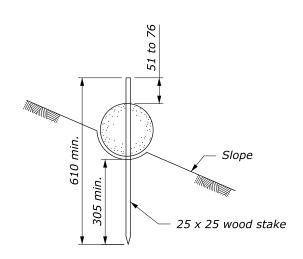
8

6

4

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	



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

2. Overlap fiber rolls 305 mm minimum. Drive stakes at

adjacent fiber roll and space stakes at 1.2 m maximum.

152 mm from fiber roll end angles towards the

FIBER ROLL STAKING DETAIL

NOTE:

fiber roll while staking.

INSTALLATION BEYOND TOE OF SLOPE

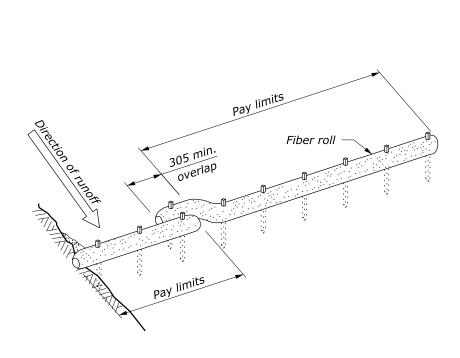
PLAN

914 minimum or as shown in plans

Runoff from

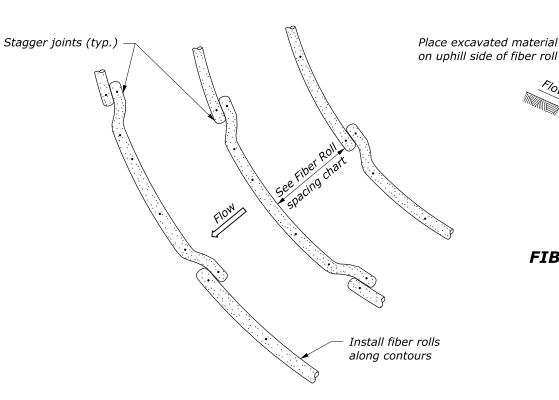
disturbed areas

Fiber roll



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ALTERNATE FIBER ROLL JOINT DETAIL SLOPE PROTECTION INSTALLATION



INSTALLATION ALONG SLOPES

25 x 25 or 25 Ø wood stakes. See Note 2. Fiber roll Slope

FIBER ROLL LAPPING DETAIL

This drawing contains **Metric** units of measure. Dimensions without units are millimeters.

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY WFL STANDARD WM157-21 SPECIFICATION FP-24, FP-14 **FIBER ROLL** APPROVED FOR USE

7/2016

NO SCALE