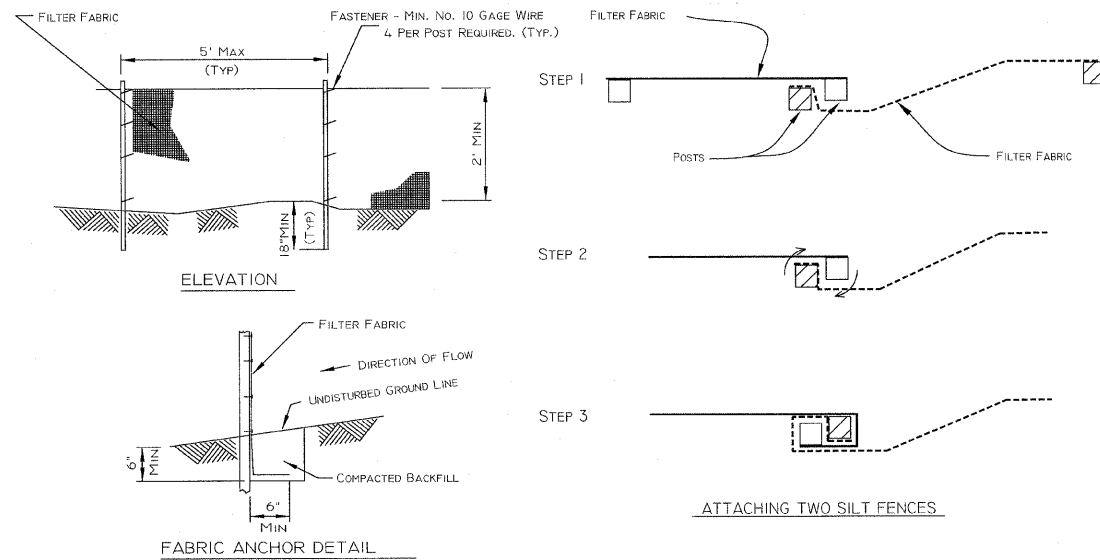


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SEDIMENT CONTROL, SILT FENCE DETAIL



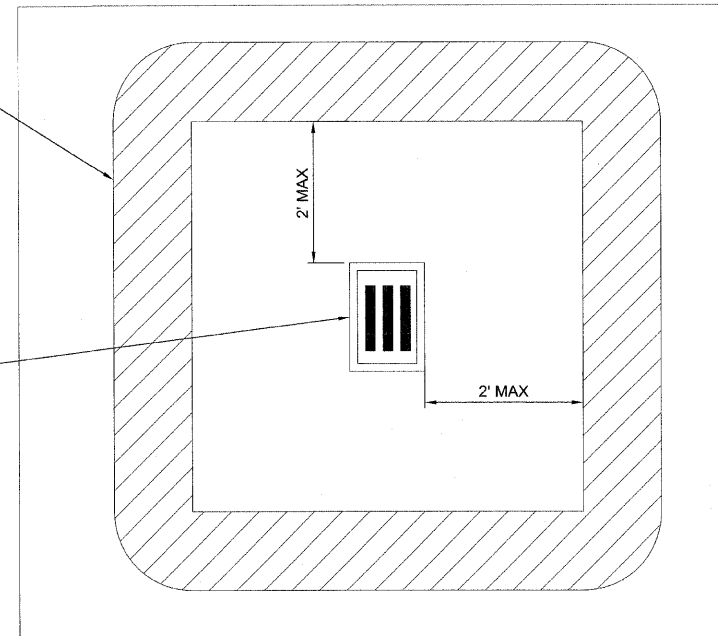
TEMPORARY SEDIMENT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.

FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE TABLE 1 OR 2, CLASS 1 WITH AOS OF AT LEAST 30 FOR NONWOVEN AND 50 FOR WOVEN. FENCE POSTS SHALL BE EITHER STANDARD STEEL POST OR WOOD POST WITH A MINIMUM CROSS-SECTIONAL AREA OF 3.0 SQ. IN.

- NOTES:
1. PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
 2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
 3. DRIVE BOTH POSTS A MINIMUM OF 18 INCHES INTO THE GROUND AND BURY THE FLAP.

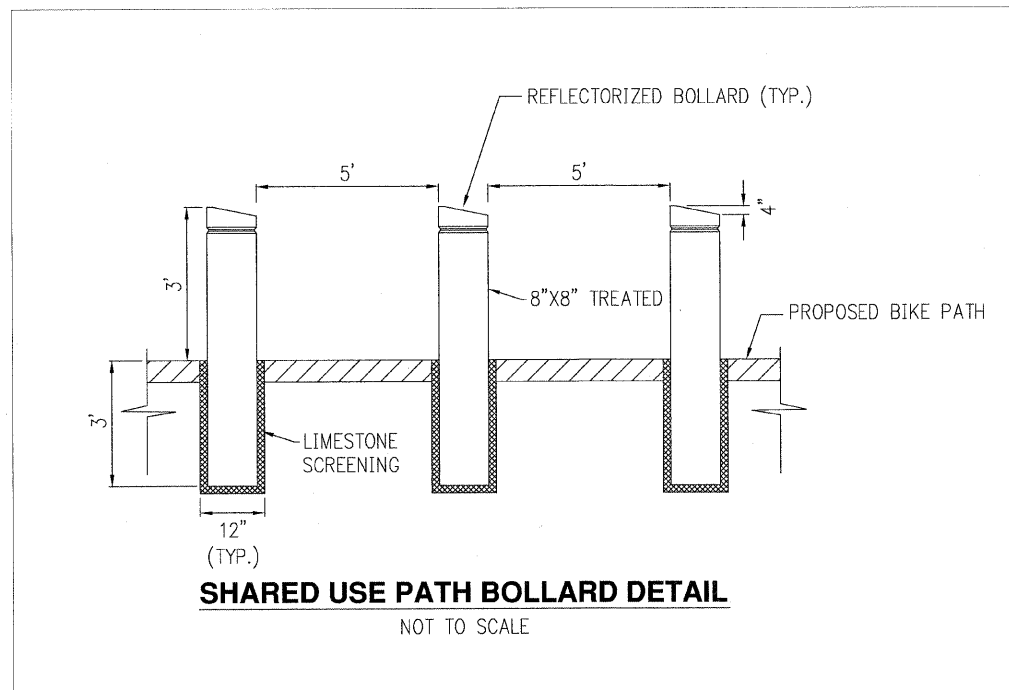
ROLLED EXCELSIOR LOGS STAKED EVERY 2 FEET

INLET



PLAN

- NOTES:
1. THE IMMEDIATE LAND AREA AROUND THE INLET SHOULD BE RELATIVELY FLAT (LESS THAN 1% SLOPE) AND LOCATED SO THAT THE ACCUMULATED SEDIMENT CAN BE EASILY REMOVED.
 2. THE INSIDE EDGE OF THE DITCH CHECKS SHALL BE A MAXIMUM OF 2 FEET FROM THE EDGE OF THE INLET.
 3. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE TABLE 1 OR 2, CLASS 1 WITH AOS OF AT LEAST 30 FOR NONWOVEN AND 50 FOR WOVEN.
 4. FILTER FABRIC WILL BE PLACED BENEATH THE GRATE INSIDE THE INLET COVERS.



SHARED USE PATH BOLLARD DETAIL
NOT TO SCALE

This section contains five detailed diagrams for erosion control blanket installation. Detail 1 shows the blanket being anchored in a trench with two rows of staples. Detail 2 shows the blanket roll end overlap with a 4" stagger. Detail 3 shows the blanket side overlap with a 6" minimum. Detail 4 shows the blanket side edge with staples every 12". Detail 5 shows the blanket terminating end with staples. A table provides minimum requirements for coconut and wood fiber blankets.

	Coconut Blanket	Wood Fiber Blanket
Type of Fiber	100% coconut fibers	100% curled wood fibers
Weight, lbs/sq. yd.	0.50	0.63
Fiber Length	N/A	80% of fibers > 6 in.
Fiber Dimensions	N/A	0.021 in. x 0.042 in.
	Optional - Top and bottom of blanket may be covered with a max. 5/8" x 5/8" opening size netting, bound to the mat on max. 1.5" centers.	Optional - Top and bottom of blanket may be covered with a max. 5/8" x 5/8" opening size netting

FILE NAME =	USER NAME =	DESIGNED -- TMS	REVISED --
		DRAWN -- IMS	REVISED --
		CHECKED -- AJB	REVISED --
		DATE -- 01-30-2012	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET 3 OF 3

SCALE:

F.A.U. R.T.E. ###	SECTION 10-00105-00-BT	COUNTY CHAMPAIGN	TOTAL SHEETS 57	SHEET NO. 45
FED. ROAD DIST. NO. 5 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 91478	

EROSION BLANKET
INSTALLATION DETAILS



IL ENG-61