

TYPICAL PLAN FOR WOOD EXCELSIOR MAT
(SPECIAL DITCH CONTROL)

GENERAL NOTES:

Jute mesh for special ditch control shall be installed as indicated. Materials and methods of installation shall be in conformance with current Standard and Supplemental Specifications and as directed by the Engineer.

All excavated material should be wasted to fill low areas and otherwise facilitate the free flow of surface water into the channel. Alignment should be smooth and abrupt changes should be avoided.

At locations where silt conditions require shaping of a ditch to provide a proper type of area for installation of jute mesh for special ditch control, necessary excavation shall be done by the Contractor, with the excavated material disposed of in adjacent areas at the direction of the Engineer.

At locations where erosion has created gullies in ditches or back slopes, the gullies shall be filled and compacted in not more than 200 millimeter lifts.

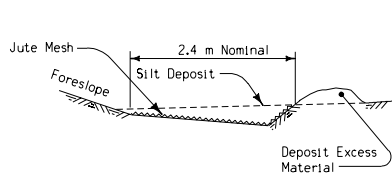
Price bid for "Special Ditch Control, Jute Mesh" shall be considered full compensation for installation of mat in accordance with details shown, in project plans, or as directed by the Engineer.

The work of providing proper ditches shall not be paid for directly but shall be considered incidental to other work on the project.

SPECIAL NOTES:

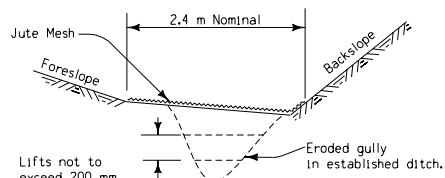
Special care shall be taken to ensure that ground surface adjacent to any channels are shaped to facilitate natural drainage into the protected area.

Anchor Slot shall be installed at the beginning (upstream end) of any run of jute mesh installation. Check Slots in ditch channel shall be spaced so that one occurs within each 15 meters on slopes 4% or less and within each 7.5 meters on slopes of more than 4%.



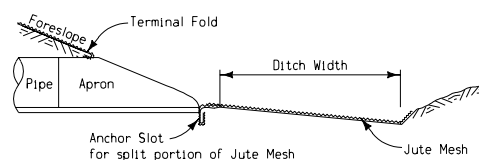
SECTION A-A

Jute mesh placement for silted area in no ditch section.

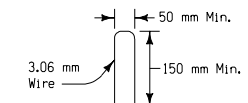


SECTION A-A

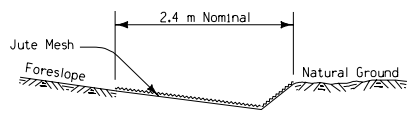
Jute mesh placement for eroded gully.



SECTION B-B

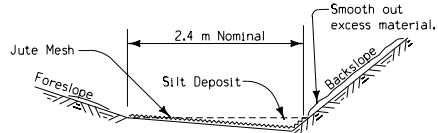


TYPICAL WIRE STAPLE



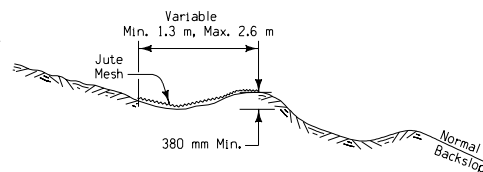
SECTION A-A

Jute mesh placement on slopes where excavation is required for proper installation.



SECTION A-A

Jute mesh placement for silted ditch in cut.



INTERCEPTING DITCH

All dimensions given in millimeters unless noted.

METRIC VERSION	M Iowa Department of Transportation Project Development Division	
	STANDARD ROAD PLAN RC-13	
	REVISION: Redrawn in CAD.	REVISION NO. 3
	APPROVED BY: <i>[Signature]</i> DESIGN METHODS ENGINEER 12-28-98	REVISION DATE 04-27-99
EROSION CONTROL DETAILS (JUTE MESH)		