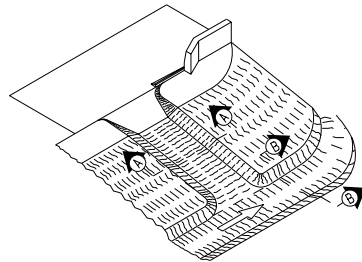
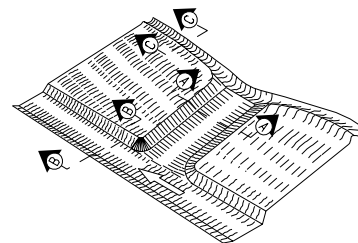


SECTIONS A-A AND B-B
Sod placement for eroded gully.



**PERSPECTIVE
FORESLOPE FLUME
AND ROADWAY DITCH**



**PERSPECTIVE
BACKSLOPE WITH FLUME
AND INTERCEPTING DITCH**

GENERAL NOTES:

Through ditches or borrow areas, sod channels should be constructed at the low point. 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. Abrupt changes should be avoided.

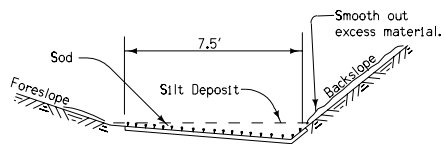
At locations where silt conditions require shaping of a ditch to provide a proper type of area for installation of sod for special ditch control, necessary excavation shall be done by the Contractor with the excavated material disposed of in adjacent area as directed by the Engineer.

At locations where erosion has created gullies in ditches or backslopes, the gullies shall be filled and compacted in not more than 8" lifts.

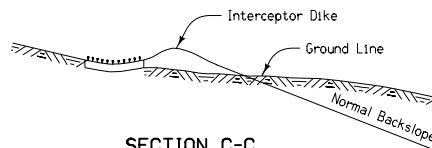
Unless specifically required otherwise by the Engineer, the Contractor may install any one of these options, Wire Stakes or Wood Stakes. Staking with wood or wire stakes shall be as indicated hereon. Wire stakes shall be staggered as shown, Minimum 33 stakes per square. Wooden stakes shall be used in sod flumes when designated by the Engineer.

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

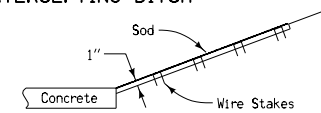
The shaping and grading work necessary to prepare the ground for sodding adjacent to concrete surfaces shall not be paid for separately but shall be considered incidental to other work on the project. Such grading and shaping may include the removal and disposal of excess earth, as directed by the Engineer, in order to obtain satisfactory drainage and appearance for the finished work.



SECTION B-B
Sod placement for silted ditch in cut.

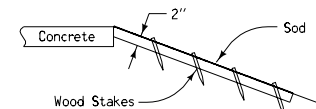


SECTION C-C
Sod placement on Interceptor Ditch



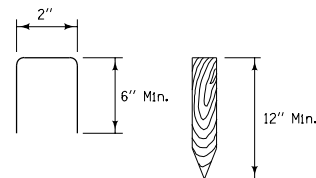
Ground surface shall be graded 1" below the edge of concrete before sod is placed.

CASE 1
NATURAL GROUND SLOPES TOWARD CONCRETE



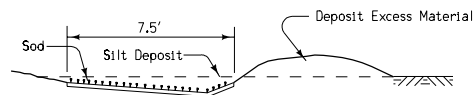
Ground surface shall be graded 2" below the edge of concrete before sod is placed.

CASE 2
NATURAL GROUND SLOPES AWAY FROM CONCRETE

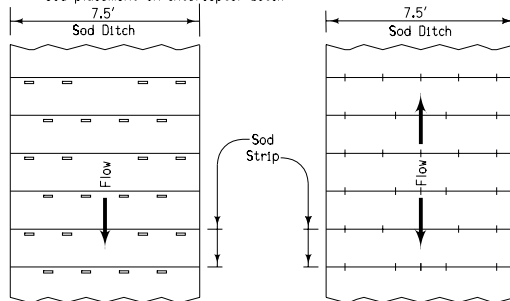


TYPICAL WIRE AND WOOD STAKES

NOTE:
When so directed by the Engineer, longer stakes may be required for certain soil conditions to properly hold sod in place.

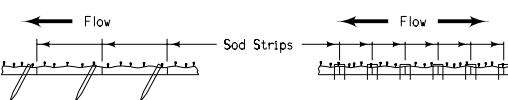


SECTION B-B
Sod placement for silted area in no-ditch section.



4 Wood Stakes per row, staggered in rows

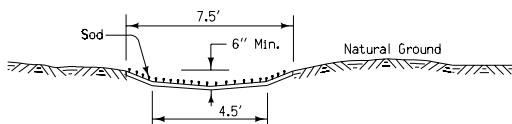
5 Wire Stakes per row, staggered in rows



WOOD STAKES

WIRE STAKES

STAKING FOR SOD CHANNELS



SECTION A-A
Sod placement on slopes where excavation is required for proper installation of sod.

STANDARD ROAD PLAN	
RC-12	
REVISION: Change Typical Wire Top Dimension to 2".	REVISION NO. 3
<i>William J. Sten</i> APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 04-30-02
EROSION CONTROL DETAILS (SOD)	