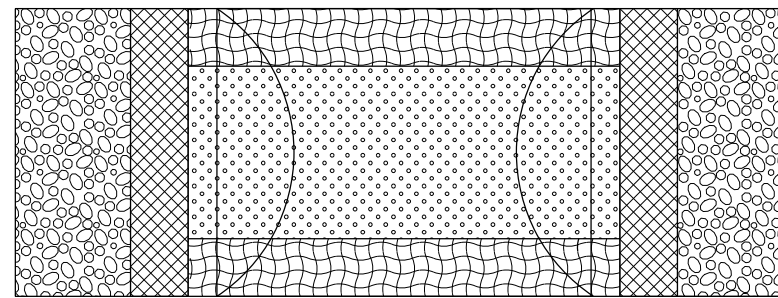
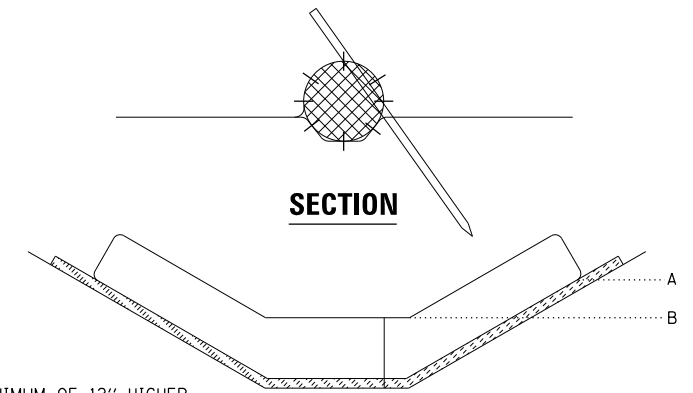


HALF PLAN VIEW



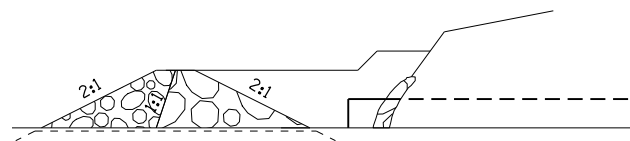
PLAN VIEW



ELEVATION

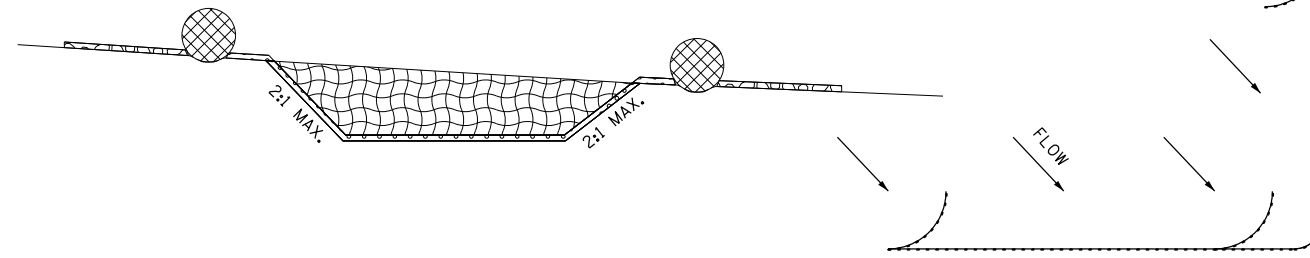
POINT A MUST BE A MINIMUM OF 12" HIGHER THAN POINT B TO INSURE WATER FLOWS OVER THE DITCH CHECK AND NOT AROUND THE ENDS.

**TEMPORARY DITCH CHECK
ROLLED EXCELSIOR**



CENTERLINE CROSS SECTION

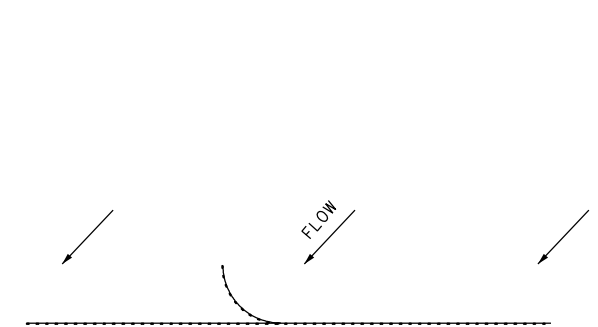
AGGREGATE BERM



SECTION

SEDIMENT TRAP

"J" HOOKS AT CORNER



**"J" HOOKS AT PERIMETER CONTROL
SILT FENCE PLACEMENT**

PLAN VIEW

NOTES:

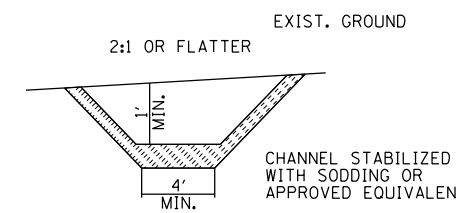
1. Rock shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction. See plans for construction road location, D and W dimensions.
2. Minimum width is 14 feet for one-way traffic and 20 feet for two-way traffic. Two-way traffic widths shall be increased a minimum of 4 feet for trailer traffic. Depending on the type of vehicle or equipment, speed, loads, climatic and other conditions under which vehicles and equipment operate an increase in the minimum widths may be required. Roadway shall follow the contour of the natural terrain to the extent possible.
3. Geotextile (non-woven) minimum criteria: Weight of Geotextile (oz/sq.yd.) _____ 6 Tensile strength (lb) _____ 180 Elongation at failure (%) ASTM D 4632 _____ 50 Puncture (lb) ASTM D 4833 _____ 80 Ultraviolet light (% residual tensile strength) _____ ASTM D 4355 _____ min 70 Apparent opening size (AOS) ASTM D 4751 _____ max 40 sieve Permittivity sec⁻¹ ASTM D 4491 _____ min 0.706. Any geotextile splices shall overlap a minimum of 18 inches, with upstream or upslope geotextile overlapping the abutting downslope geotextile.

SECTION A-A

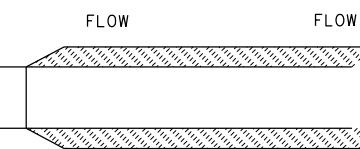
CONSTRUCTION ROAD STABILIZATION

ILL-ENG-58

Sheet 1 of 1



SECTION

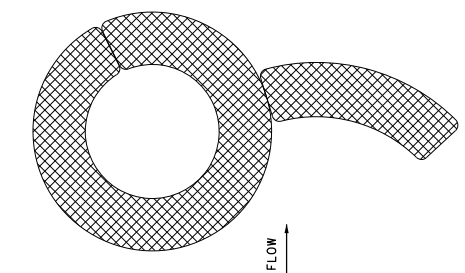


PLAN VIEW

TEMPORARY SWALE

NOTES:

1. ALL TEMPORARY SWALE SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET
2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICES.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
4. ALL TREES, BRUSH, STUMPS, OBSTRUCTION AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
5. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
6. ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTION OF THE SWALE.



**ABOVE GRADE INLET FILTER
WITH TRIANGULAR SILT DIKE**

NOTE:
REQUIRED CONSTRUCTION ENTRANCE/EXIT/ROAD STABILIZATIONS WILL NOT BE PAID FOR SEPERATELY, BUT WILL BE BUILT ACCORDING TO DETAIL.

FILE NAME = D160F05-SHT-ER05-63_Details.dgn	USER NAME = Anthony.Plutz	DESIGNED - L.N.	REVISED -
		DRAWN - M.P.	REVISED -
	PLOT SCALE = 100.000000' / 1"	CHECKED - W.H.I.	REVISED -
	PLOT DATE = 3/15/2013	DATE - 03/13/13	REVISED -

F. & S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-3	COOK	932	253
ER-63		CONTRACT NO. 60F05		
ILLINOIS FED. AID PROJECT				