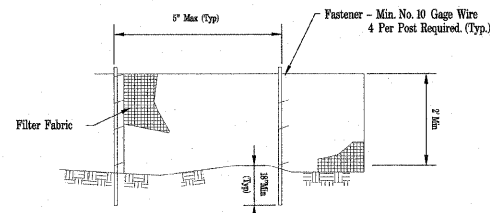
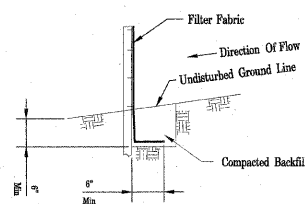


AUTOCAD2006



ELEVATION

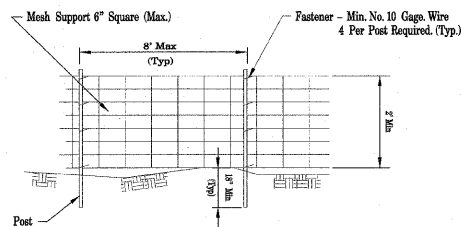


FABRIC ANCHOR DETAIL

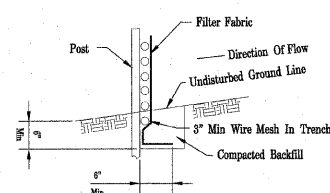
NOTES:

1. 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.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class 1 with equivalent opening size of at least 30 for nonwoven and 50 for woven.
3. Fence posts shall be either wood post with a minimum cross-sectional area of 3.0 sq. in. or a standard steel post.

AUTOCAD2006



ELEVATION



FABRIC ANCHOR DETAIL

NOTES:

1. Wires of mesh support shall be min. gage no. 12.
2. 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.
3. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class 1 with equivalent opening size of at least 30 for nonwoven and 50 for woven.
4. Fence posts shall be either wood post with a minimum cross-sectional area of 3.0 sq. in. or a standard steel post.

SILT FENCE
 National Resources Conservation Service
 United States Department of Agriculture
 Designer: M. QUONORIS
 Drawn: M. QUONORIS
 Checked: DDL
 Approved:

SILT FENCE WITH WIRE SUPPORT
 National Resources Conservation Service
 United States Department of Agriculture
 Designer: M. QUONORIS
 Drawn: M. QUONORIS
 Checked: DDL
 Approved:

TABLE 1. MINIMUM REQUIREMENTS FOR EROSION CONTROL BLANKET

| | 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 | NA | 80% of fibers > 6 in. |
| Fiber Dimensions | NA | 0.021 in. x 0.042 in. |
| | Optional - Top and bottom of blanket may be covered with a max. 56" x 56" opening size netting, bound to the mat on max. 15' centers. | Optional - Top and bottom of blanket may be covered with a max. 56" x 56" opening size netting. |

NOTES:

1. Install erosion control blanket (ECB) over waterway: Waterway Width _____ ft length _____ ft Sta. _____ to _____ ECR width _____ ft
2. The erosion control blanket shall consist of a machine produced mat of curled wood or coconut fibers shall have an expected material life of a least 12 months, shall be new and unused, shall be furnished in rolls, and shall meet the minimum requirements stated in Table 1 below.
3. Prepare soil prior to installing erosion control blanket, including seeding, fertilizing, and lime application.
4. The erosion control blanket shall be placed in firm contact with the soil and not be allowed to bridge over surface irregularities. The blanket shall not be stretched.
5. Start laying the blankets by rolling center blanket in the direction of flow, centered on the centerline of waterway. There shall not be an overlap of blankets at the center of the waterway.
6. The erosion control blanket shall be anchored, overlapped, and stapled according to manufacturer's instructions. If no manufacturer's instructions are available, install the blanket as follows:
 - a. Staples shall be "U" shaped, 0.12 in diameter wire or greater (#11 gauge). See Staple Detail for dimensions.
 - b. Bury upstream end of blanket in a trench 6 inch wide by 6 inch deep and stapled in staggered rows across the width as shown in Detail 1.
 - c. For joining ends of rolls, overlap end of upslope blanket a minimum of 6 inches over downslope blanket (single style). Use a double row of staggered staples 4 inches apart, as shown in Detail 2.
 - d. Blankets on side slopes shall overlap a minimum 6 inches over the blanket below (single style). Staple overlap at 12 inch intervals. See Detail 3.
 - e. The outer edge along sides of the blanket shall be stapled every 12 inches. See Detail 4.
 - f. Staples are to be placed alternately in columns (in the direction of the waterway) 2 feet apart and in rows (across the waterway) 3 feet apart, throughout the area covered by erosion blanket.
 - g. Downstream (terminal) end of blanket shall be stapled with a double row of staggered staples 12 inches apart. See Detail 5.

DETAIL 1
 3 Rows Of Staples 12" O.C. Staggered
 1 Row Of Staples 12" O.C. Along Row
 Seam
 Tamp Soil Firmly
 Anchor Trench
 Row Of Staples
 Column Of Staples

DETAIL 2
 Flow
 6" Staggered
 Staple
 6" Minimum
 Blanket Roll End Overlap

DETAIL 3
 Center of Waterway
 6" Min
 Staple
 Blanket Side Overlap

STAPLE DETAIL
 1" Min

DETAIL 4
 Center of Waterway
 Staple Every 12"
 Blanket Side Edge

DETAIL 5
 Flow
 12" Staggered
 Staples
 Terminal End

Not To Scale

EROSION BLANKET INSTALLATION DETAILS

National Resources Conservation Service
 United States Department of Agriculture
 Project No. IL ENG-61
 Drawing No.

FILE NAME = #FILE#

USER NAME = #USER#
 PLOT SCALE = #SCALE#
 PLOT DATE = #DATE# STIME#

| | |
|---------------------|-----------|
| DESIGNED <i>JIF</i> | REVISED - |
| DRAWN <i>KJB</i> | REVISED - |
| CHECKED <i>DDL</i> | REVISED - |
| DATE 4/10/12 | REVISED - |

**ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

EROSION CONTROL DETAILS

SCALE: 1" = 50 FT SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 08-F3000-10-BT | DUPAGE | 20 | 9 |
| CONTRACT NO. 63710 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |