

|                 |        |             |      |           |              |
|-----------------|--------|-------------|------|-----------|--------------|
| FHWA REGION NO. | STATE  | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
| 7               | KANSAS | 87N-0211-01 | 2000 | 21        | 44           |

### GENERAL NOTES

- 1) The use of Straw or Hay Bales, Silt Fence or Biodegradable Logs is at the option of the Contractor.
- 2) The slope barriers shall be placed along contour lines, with a short section turned upgrade at each end of the barrier.
- 3) At culverts, the Straw or Hay Bales or Silt Fence shall be placed over the culvert, not through the streambed flowline.
- 4) Barriers damaged by Contractor's negligence, including improper maintenance or lack of maintenance, shall be repaired immediately by Contractor at no additional cost to KDOT.

### INSTALLATION NOTES

#### STRAW OR HAY BALES:

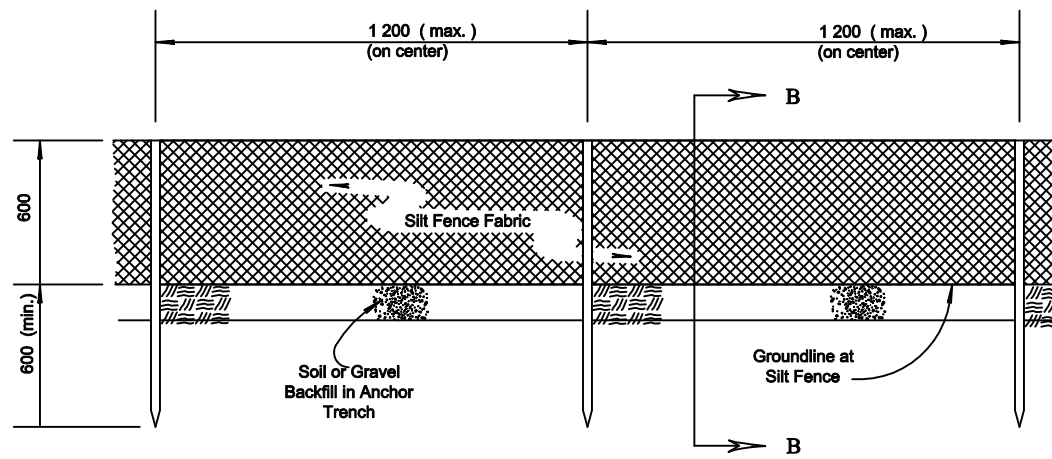
1. Place bales tightly together, with loose straw or hay wedged between bales to close off openings.
2. Wood stakes shall be 50 mm x 50 mm (nom.) x 1 200 mm (min.) long.
3. Refer to plans sheets to estimate the length of bales required.
4. Use only twine to bind bales. The use of wire binding is prohibited because it does not readily biodegrade.

#### SILT FENCE:

1. Stakes shall be 1 200 mm (min.) long and of one of the following materials:
  - a. Hardwood - 30 mm x 30 mm;
  - b. Southern Pine (No. 2) - 65 mm x 65 mm;
  - c. Steel U, T, L, or C Section - 600 grams per 300 mm; or
  - d. Synthetic - same strength as wood stakes.
2. Attach fence fabric to stakes with staples, wire or nails.
3. Refer to plan sheets to estimate the length of Silt Fence required.

#### BIODEGRADABLE LOG BARRIERS

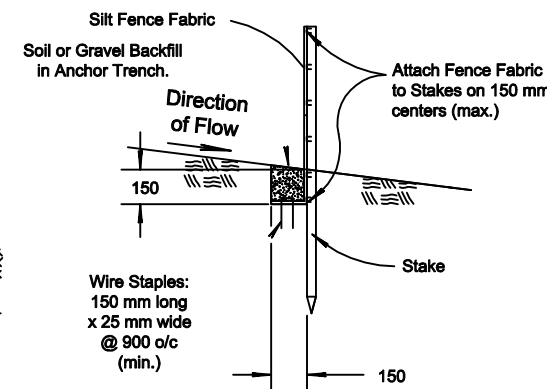
1. Place biodegradable logs tightly together.
2. Wood stakes shall be 50 mm x 50 mm (nom.) x 1 200 mm (min.) long.
3. Wire staples shall be 150 mm long x 25 mm wide (min.) and placed on 900 mm (max.) centers.
4. Refer to plan sheets to estimate length of biodegradable log barriers required.



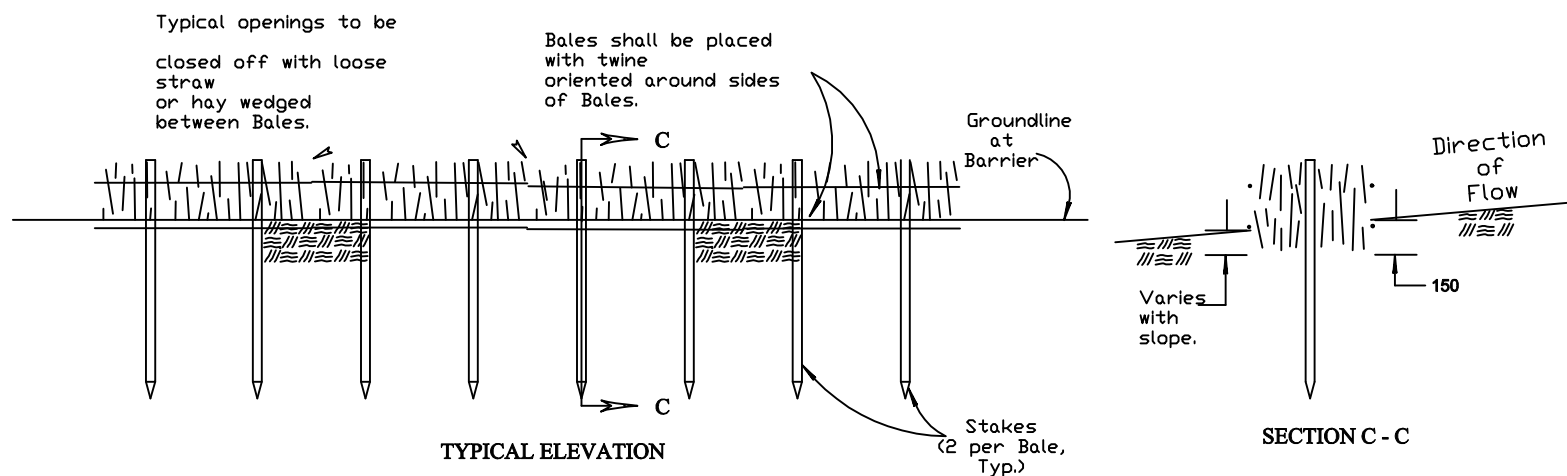
TYPICAL ELEVATION

### SILT FENCE SLOPE BARRIER

NO SCALE



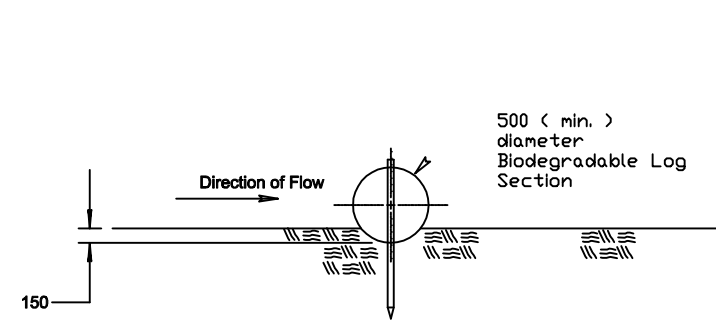
SECTION B - B



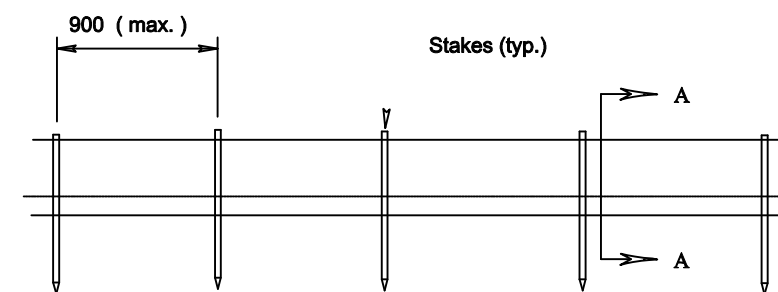
TYPICAL ELEVATION

### STRAW BALE SLOPE BARRIER

NO SCALE



SECTION A - A



TYPICAL ELEVATION

### BIODEGRADABLE LOG SLOPE BARRIER

NO SCALE

|  |         |                  |      |                |           |
|--|---------|------------------|------|----------------|-----------|
| 3  |         |                  |      |                |           |
| 2  |         |                  |      |                |           |
| 1  | 5/1/099 | Revised Standard |      | WCL            | RDR       |
| NO.  | DATE    | REVISIONS        |      | BY             | APPD      |
| <b>KANSAS DEPARTMENT OF TRANSPORTATION<br/>         TEMPORARY EROSION AND<br/>         POLLUTION CONTROL<br/>         STRAW OR HAY BALE SLOPE BARRIERS<br/>         SILT FENCE LOG BARRIERS<br/>         BIODEGRADABLE LOG SLOPE BARRIERS<br/>         LA852D SI</b> |         |                  |      |                |           |
| F.H.W.A. APPROVAL  |         | 5/20/99          | APPD | Richard D. Row |           |
| DESIGNED   | WCL     | DETAILED         | WCL  | QUANTITIES     | TRACED    |
| DESIGN CK.   | RDR     | DETAIL CK.       | RDR  | QUAN. CK.      | TRACE CK. |