

- REV. 11-1-95: CHANGED TO METRIC.

REV. 5-27-01: CHANGED ITEM NO. 209M08 TO 209M08.03.

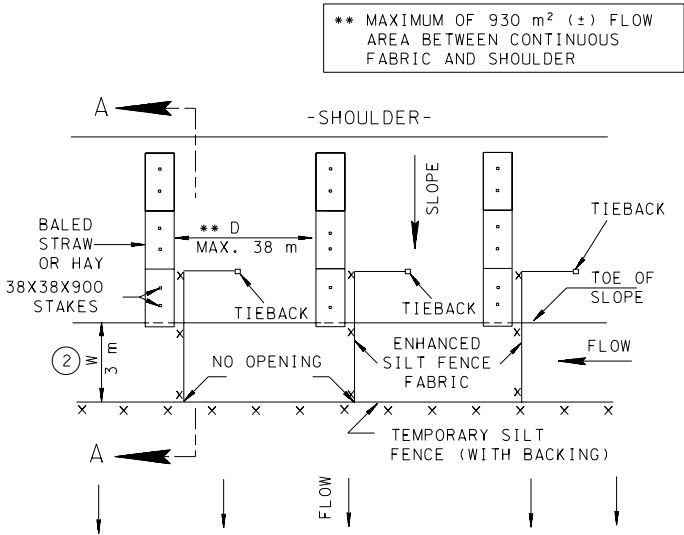
REV.7-29-02: REMOVED DETAILS FOR TYPE EC 1A,TYPE EC 1B, TYPE EC 1C, AND TYPE EC 1D.

REV. 12-18-02: CHANGED ALL REFERENCES TO SILT FENCE AND FILTER BARRIER TO ENHANCED SILT FENCE.

REV. 10-26-03: DELETED DETAIL FOR TYPE EC V FILTER BARRIER.

TYPE EC IV

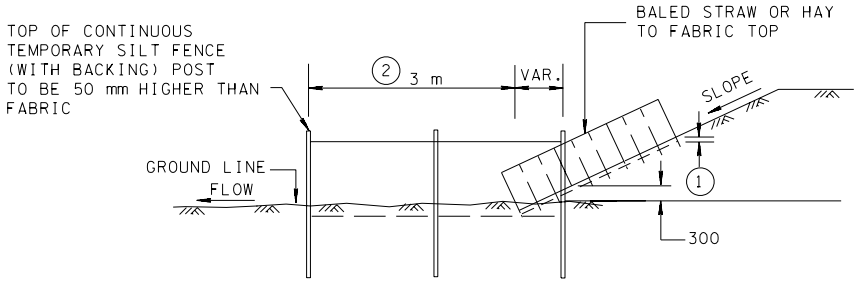
TYPICAL LOCATIONS AT TOE OF SLOPES



PLAN

TYPE EC (IV) CASE I FILL SLOPES	
H (m)	D (m)
45.7-38.1	9
38.1-30.5	12
30.5-22.9	15
22.9-15.2	23
15.2-7.6	30
7.6-0	38

SEE STD.DWG.NO. RDM-S-11



SECTION A-A

EROSION CONTROL PLAN LEGEND: — EC — IV — EC —

FOOTNOTES

- ①

ELEVATION TO BE MINIMUM OF 150 mm ABOVE TOP OF FABRIC OR HAY BALE IN CENTER OF DITCH.
- ②

"W"=3 m UNLESS OTHERWISE NOTED ON THE PLANS.

GENERAL NOTES FOR
FILTER FABRIC BALED HAY OR STRAW EROSION CHECKS

- A

THE DRAINAGE AREA FOR THE FILTER FABRIC, BALED HAY OR STRAW EROSION CHECKS SHALL BE 0.8 ha OR LESS. THEY SHALL BE UTILIZED TO DECREASE FLOW VELOCITY AND TO RETAIN SMALL AMOUNTS OF SEDIMENT.
- B

HAY OR STRAW BALES SHALL BE A MINIMUM OF 0.14 m³ IN VOLUME WITH A MINIMUM DIMENSION OF 900X460X360 (LENGTH X WIDTH X HEIGHT).
- C

ALL BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED AND THE BALES SHALL BE PLACED IN POSITION TO MAINTAIN THE BINDING IN A HORIZONTAL POSITION.
- D

ALL BALES SHALL BE BURIED A MINIMUM OF 100 mm.
- E

SEE ECM-STR-3C FOR TEMPORARY SILT FENCE (WITH BACKING) DETAILS, GENERAL NOTES AND SPECIFICATIONS.
- F

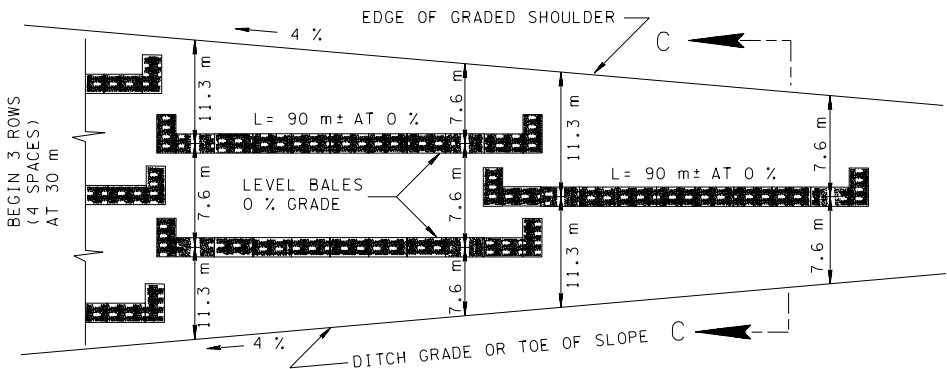
SEE ECM-STR-3D FOR ENHANCED SILT FENCE DETAILS, GENERAL NOTES AND SPECIFICATIONS.
- G

PAYMENT FOR CONTINUOUS FABRIC FILTER BARRIER AND TEMPORARY EROSION CHECKS WILL BE MADE AS FOLLOWS:

ITEM NO. 209M06, BALED HAY OR STRAW EROSION CHECKS PER BALE.
ITEM NO. 209M08.02, TEMPORARY SILT FENCE (WITH BACKING) PER METER.
ITEM NO. 209m08.04, TEMPORARY ENHANCED SILT FENCE PER METER.

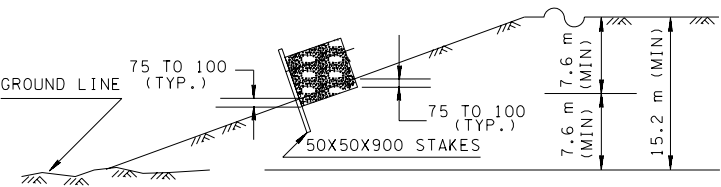
TYPE EC VI

BALED HAY OR STRAW ON FILL SLOPES



TYPICAL LONGITUDINAL VIEW (EXAMPLE)

(DIMENSIONS ARE MEASURED VERTICALLY)
WHEN DITCH TOE OF SLOPE OR SHOULDER GRADE CHANGES, "L" WILL CHANGE ACCORDINGLY



SECTION C-C

(ONE ROW OF BALES SHOWN - 2 OR MORE MAY BE SPECIFIED)

EROSION CONTROL PLAN LEGEND:



ALL UNITS ARE IN MILLIMETERS
UNLESS NOTED OTHERWISE.

☒ MINOR REVISION -- FHWA
APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STRAW OR HAY BALE
OR FABRIC
TEMPORARY
EROSION CHECKS