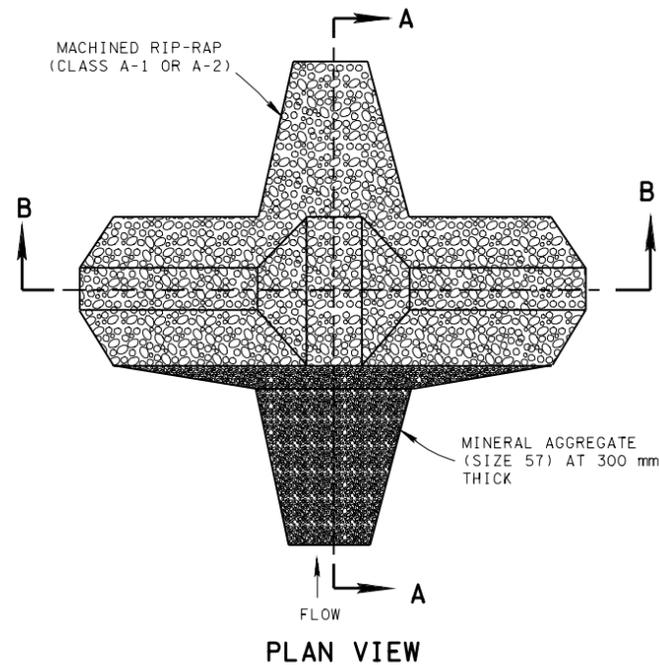


- REV. 11-1-95: CHANGED TO METRIC.
- REV. 5-27-01: CHANGED ITEM NOS. 303M15.01 TO 303M10.01 AND 740M04.01 TO 740M10.04. CHANGED DESCRIPTION FOR ITEM NOS. 709M05.06 AND 709M05.07.
- REV. 12-18-02: CHANGED GENERAL NOTE **(C)**.
- REV. 1-22-03: CORRECTED GENERAL NOTE **(B)**. ADDED ADDITIONAL GEOTEXTILE FABRIC TO PROFILE VIEW.

TEMPORARY ROCK SEDIMENT DAM

(ITEM NOS. 303M10.01, 709M05.06, 709M05.07 & 740M10.04)



PLAN VIEW

GENERAL NOTES

(A) DIMENSIONS SHOWN ON THESE DETAILS ARE THE MINIMUM THAT WILL BE ACCEPTABLE UNLESS OTHERWISE SPECIFIED BY THE PROJECT ENGINEER.

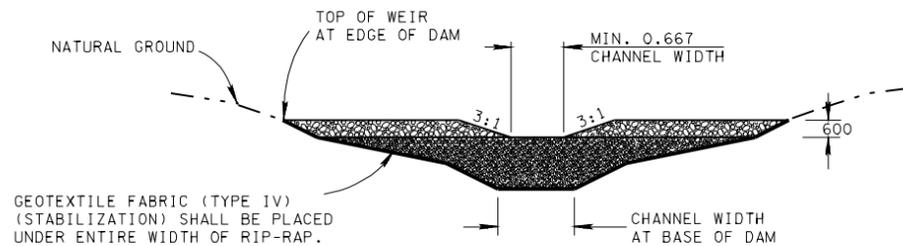
(B) THE CENTER OF THE TEMPORARY SEDIMENT DAM MUST BE AT LEAST 600 mm LOWER THAN THE OUTER EDGES. THIS WILL ELIMINATE THE ROCK - SOIL FAILURE POINT WHERE THE TEMPORARY SEDIMENT DAM AND NATURAL GROUND MERGE.

(C) GEOTEXTILE FABRIC SHALL MEET REQUIREMENTS OF THE STANDARD SPECIFICATION FOR GEOTEXTILES AASHTO DESIGNATION M-288, STABILIZATION.

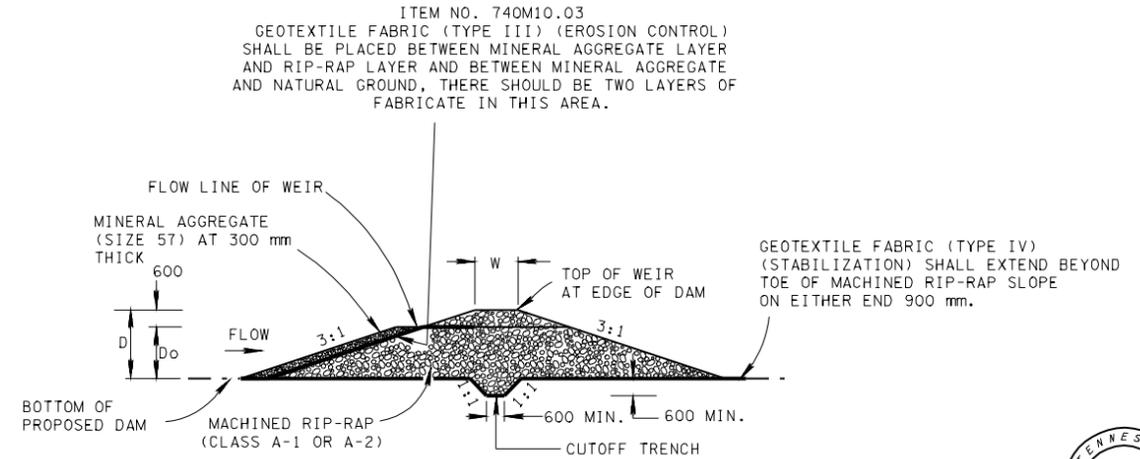
(D) TEMPORARY SEDMENT DAMS SHALL BE BID FOR UNDER THE FOLLOWING PAY ITEMS:
 303M10.01, MINERAL AGGREGATE (SIZE 57) PER TONNE.
 709M05.06, MACHINED RIP-RAP (CLASS A-1) PER TONNE.
 709M05.07, MACHINED RIP-RAP (CLASS A-2) PER TONNE.
 740M10.03, GEOTEXTILE - TYPE III (EROSION CONTROL) PER SQUARE METER.
 740M10.04, GEOTEXTILE - TYPE IV (STABILIZATION) PER SQUARE METER.

PAYMENT SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY FOR CONSTRUCTION AND MAINTENANCE OF TEMPORARY SEDIMENT DAMS.

(E) SEDIMENT SHALL BE REMOVED FROM BEHIND THE TEMPORARY SEDIMENT DAMS WHEN IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE STRUCTURE AND PAID FOR UNDER ITEM NO. 209M05, SEDMENT REMOVAL PER CUBIC METER.



SECTION B - B



SECTION A - A

EROSION CONTROL PLAN LEGEND: (TEMPORARY ROCK SEDIMENT DAM)

MINIMUM WIDTH OF WEIR		
HEIGHT OF DAM (D) IN METERS	HEIGHT OF DAM TO FLOW LINE OF WEIR (Do) IN METERS	WIDTH OF WEIR (W) IN METERS
1.5-2.1	0.9-1.5	1.2
2.1-2.4	1.5-1.8	1.5
2.4-3.0	1.8-2.4	1.8

MAXIMUM HEIGHT (Do) OF DAM AT WEIR IS 2.4 m.



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

□ MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**TEMPORARY
ROCK
SEDIMENT DAM**

11-1-95 ECM-STR-12