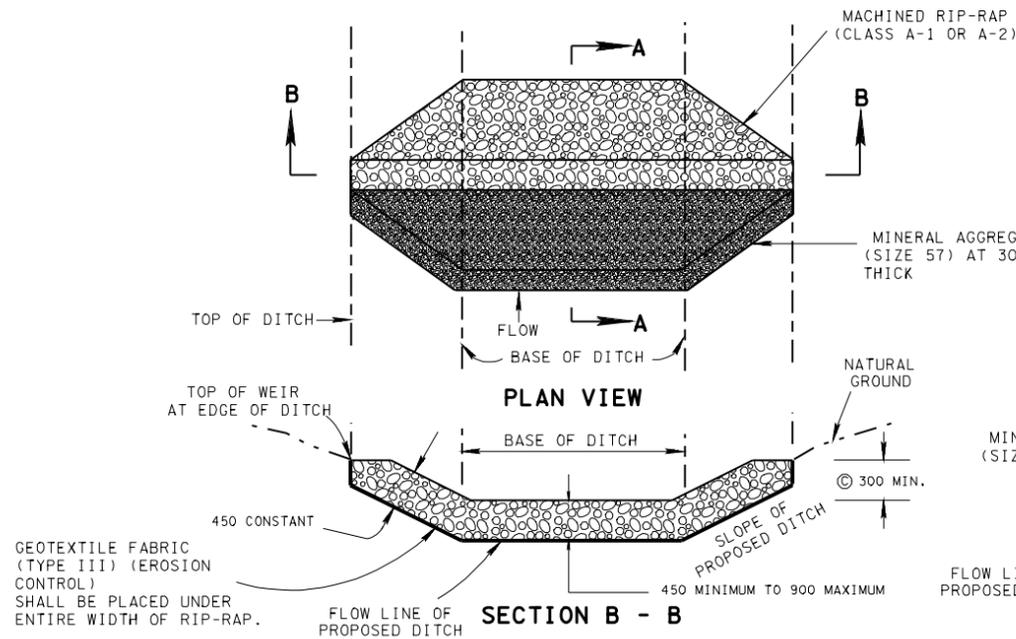


TEMPORARY ROCK SILT SCREEN USED IN ROADSIDE DITCHES

(ITEM NOS. 303M10.01, 709M05.06, 709M05.07 & 740M10.03)



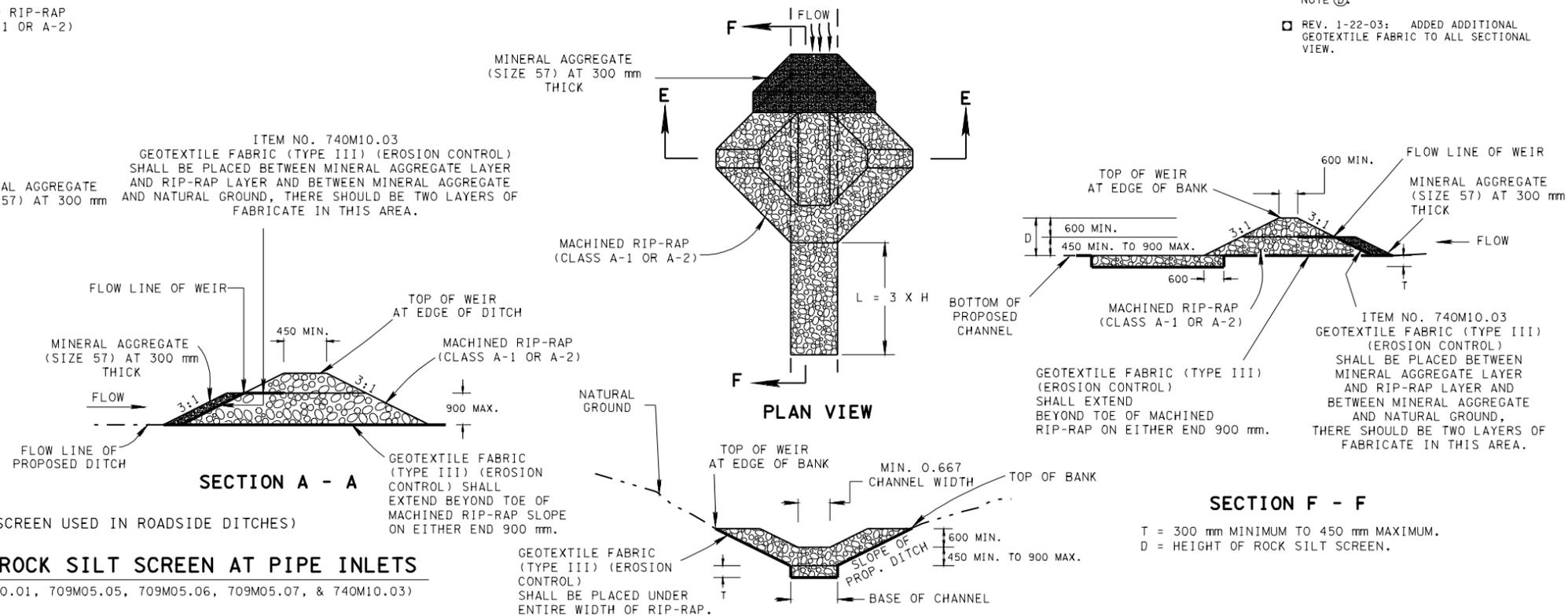
EROSION CONTROL PLAN LEGEND:



(TEMPORARY ROCK SILT SCREEN USED IN ROADSIDE DITCHES)

TEMPORARY ROCK SILT SCREEN USED IN CHANNELS

(ITEM NOS. 303M10.01, 709M05.06, 709M05.07 & 740M10.03)



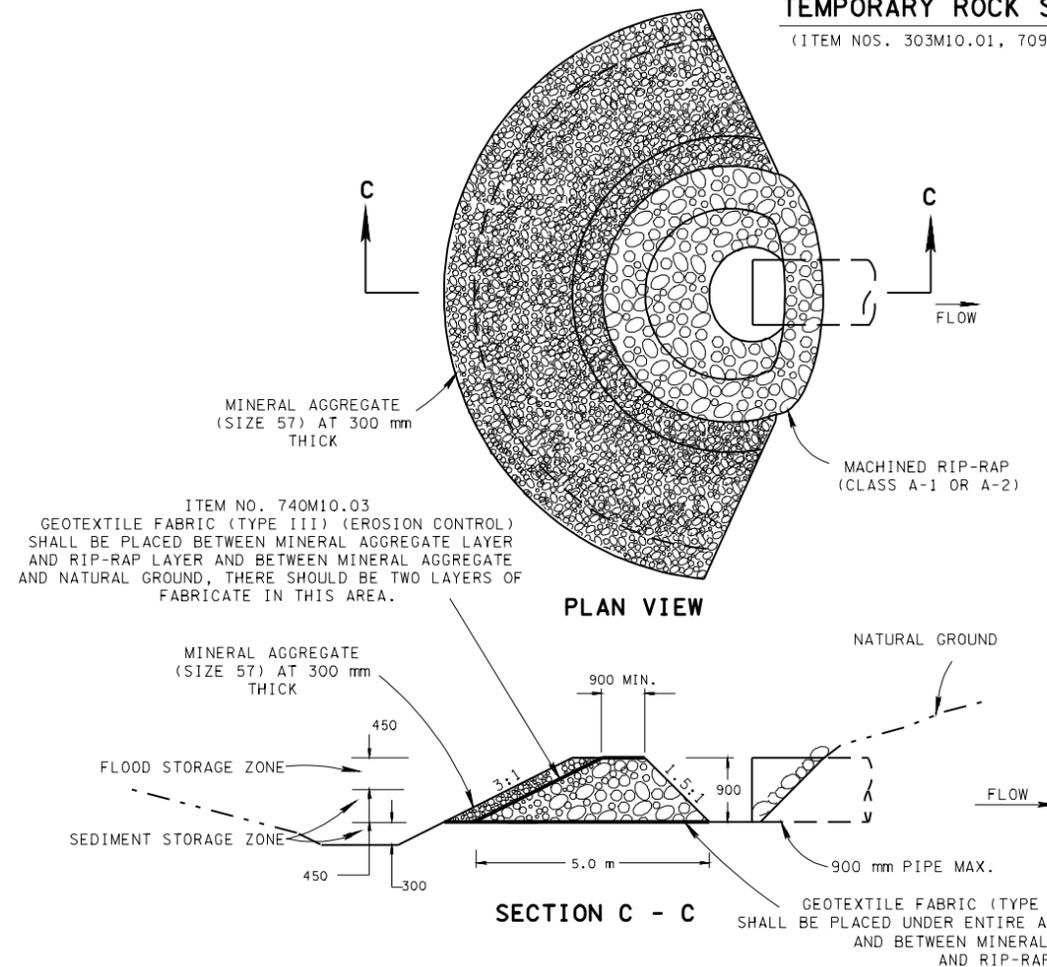
EROSION CONTROL PLAN LEGEND:



(TEMPORARY ROCK SILT SCREEN USED IN CHANNELS)

TEMPORARY ROCK SILT SCREEN AT PIPE INLETS

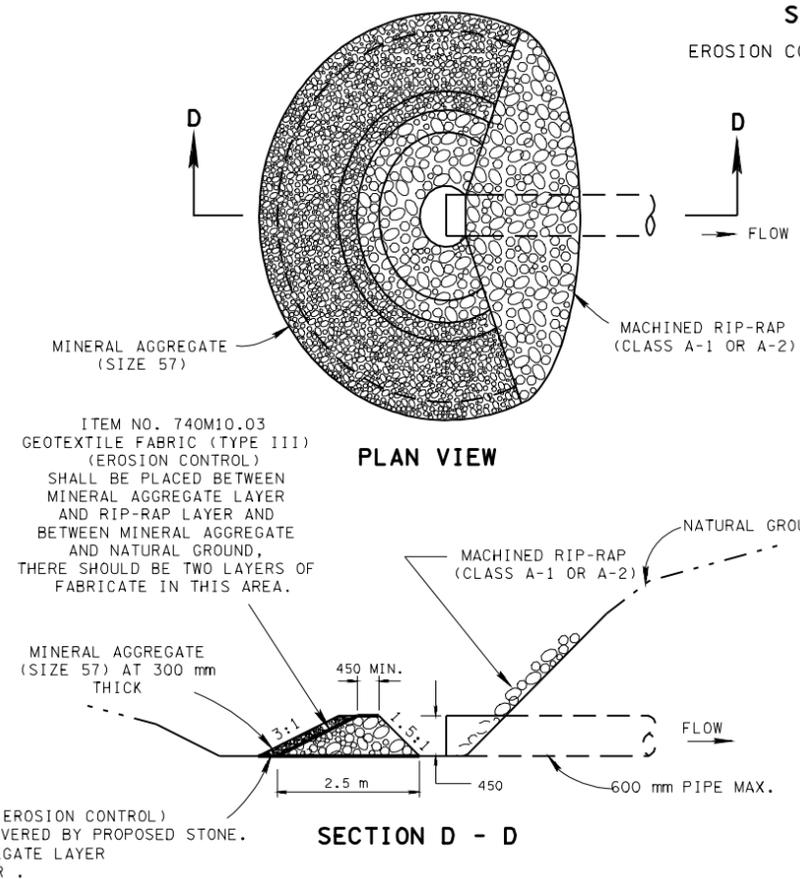
(ITEM NOS. 303M10.01, 709M05.05, 709M05.06, 709M05.07, & 740M10.03)



EROSION CONTROL PLAN LEGEND:



(TEMPORARY ROCK SILT SCREEN AT PIPE INLETS)



GENERAL NOTES	
(A)	DIMENSIONS SHOWN ON THESE DETAILS ARE THE MINIMUM THAT WILL BE ACCEPTABLE UNLESS OTHERWISE SPECIFIED BY THE PROJECT ENGINEER.
(B)	WHEN BUILDING TEMPORARY ROCK SILT SCREEN AT PIPE INLETS WHERE CONDITIONS OF HIGH SEDIMENT FLOW EXIST, USE MACHINED RIP-RAP (CLASS A-3) IN LIEU OF MACHINED RIP-RAP (CLASS A-1 OR A-2) SHOWN ON THE DETAILS.
(C)	THE CENTER OF THE ROCK SILT SCREEN MUST BE AT LEAST 300 mm LOWER THAN THE OUTER EDGES. THIS WILL ELIMINATE THE ROCK - SOIL FAILURE POINT WHERE THE ROCK SILT SCREEN AND NATURAL GROUND MERGE.
(D)	GEOTEXTILE FABRIC SHALL MEET REQUIREMENTS OF THE STANDARD SPECIFICATION FOR GEOTEXTILES AASHTO DESIGNATION M-288, EROSION CONTROL.
(E)	TEMPORARY ROCK SILT SCREENS SHALL BE BID FOR UNDER THE FOLLOWING PAY ITEMS:
	303M10.01, MINERAL AGGREGATE (SIZE 57) PER TONNE.
	709M05.05, MACHINED RIP-RAP (CLASS A-3) 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.
	PAYMENT SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY FOR CONSTRUCTION AND MAINTENANCE OF TEMPORARY ROCK SILT SCREENS.
(F)	SEDIMENT SHALL BE REMOVED FROM BEHIND THE ROCK SILT SCREENS WHEN IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE STRUCTURE AND PAID FOR UNDER ITEM NO.209M05, SEDIMENT REMOVAL PER CUBIC METER.



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**ROCK SILT
SCREENS**

ALL UNITS ARE IN MILLIMETERS
UNLESS NOTED OTHERWISE.

MINOR REVISION -- FHWA
APPROVAL NOT REQUIRED.

11-1-95 ECM-STR-11

- REV. 7-1-95: CHANGED TO METRIC.
- REV.5-27-01: CHANGED ITEM NOS. 303M15.01 TO 303M10.01 AND 740M03.01 TO 740M10.03. CHANGED DESCRIPTION FOR ITEM NOS. 709M05.05, 709M05.06, AND 709M05.07.
- REV. 12-18-02: CHANGED GENERAL NOTE ①
- REV. 1-22-03: ADDED ADDITIONAL GEOTEXTILE FABRIC TO ALL SECTIONAL VIEW.