

REV. 12-18-02: CHANGED GENERAL NOTE ⑧.

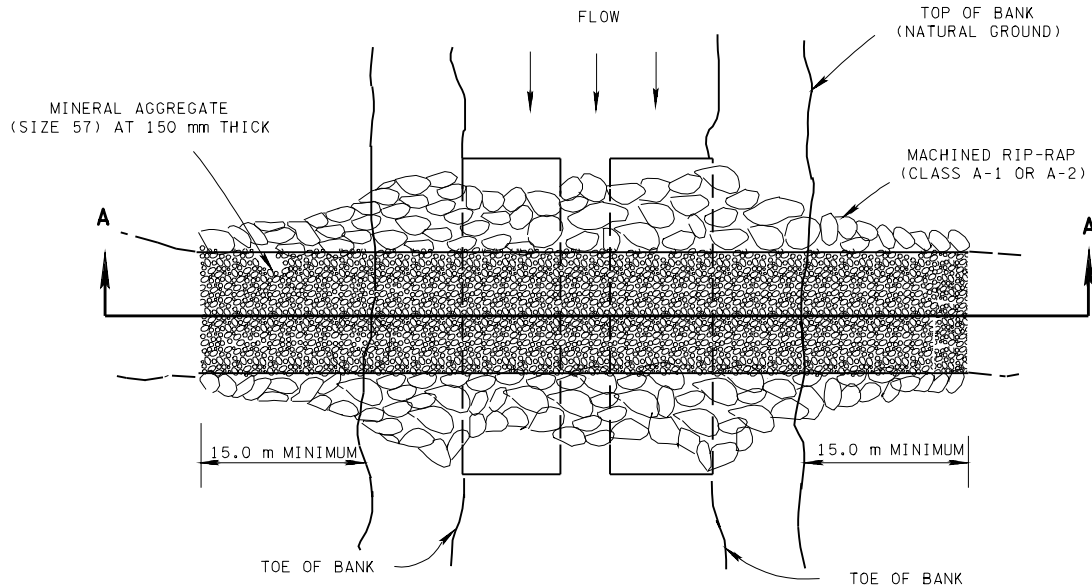
REV. 11-1-95: CHANGED TO METRIC.

REV. 5-27-01: CHANGED ITEM NO. 303M15.01 TO 303M10.01. CHANGED DESCRIPTIONS IN ITEM NOS. 621M03.02 TO 621M03.10, AND 709M05.05 TO 709M05.07.

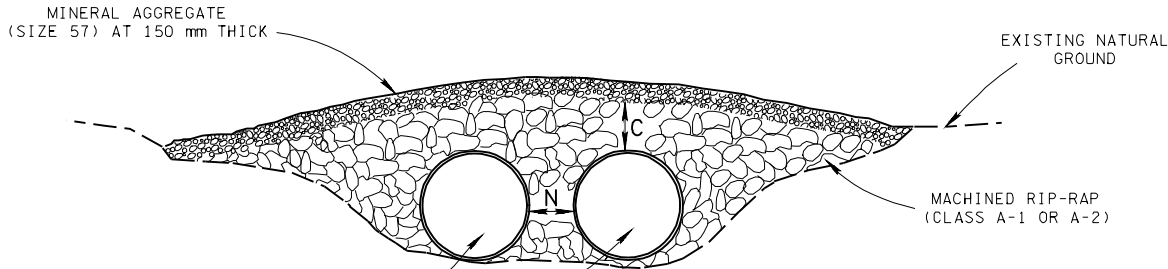
REV. 1-22-03: CORRECTED GENERAL NOTE ③.

TEMPORARY CULVERT CROSSING

(ITEM NOS. 203M01, 303M10.01, 621M03.02 THRU 621M03.10, 709M05.06 & 709M05.07)



PLAN VIEW OF TEMPORARY CULVERT STREAM CROSSING

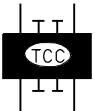


CAPACITY OF 450 mm TO 1650 mm TEMPORARY EROSION PIPE CULVERTS SHALL BE BASED ON 5-YEAR FREQUENCY STORMS

SECTION A - A

C = 1/2 DIAMETER OF PIPE OR 450 mm WHICHEVER IS GREATER.  
N = 1/2 DIAMETER OF PIPE OR 300 mm WHICHEVER IS GREATER.

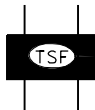
EROSION CONTROL PLAN LEGEND:



TEMPORARY CULVERT CROSSING



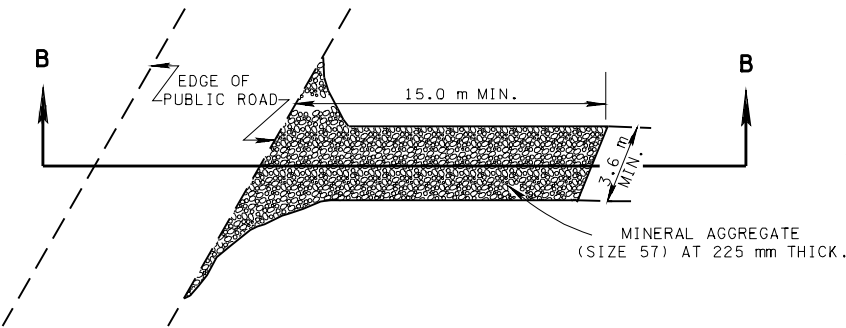
TEMPORARY CONSTRUCTION ROAD ENTRANCE AND/OR EXIT



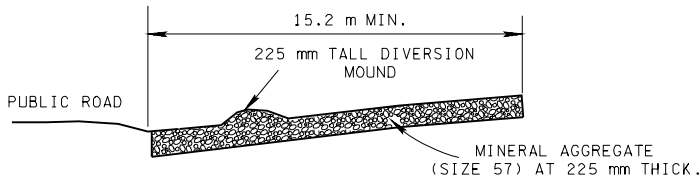
TEMPORARY STABILIZED CONSTRUCTION FORD

TEMPORARY CONSTRUCTION ROAD ENTRANCE AND/OR EXIT

(ITEM NOS. 203M01 & 303M10.01)



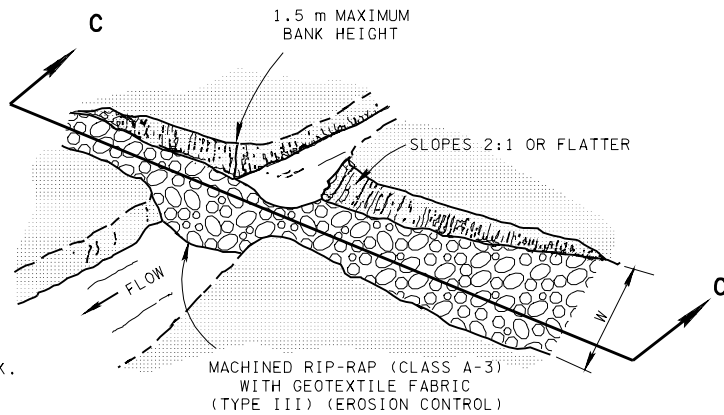
PLAN VIEW OF TEMPORARY CONSTRUCTION ROAD ENTRANCE AND/OR EXIT



SECTION B - B

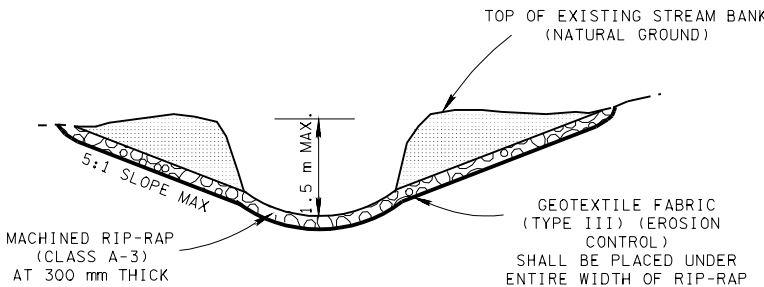
TEMPORARY STABILIZED CONSTRUCTION FORD

(ITEM NOS. 203M01, 709M05.05 & 740M10.01)



PLAN VIEW OF STABILIZED CONSTRUCTION FORD

W = FORD WIDTH SHALL VARY FROM A MINIMUM WIDTH OF 3.6 m TO A MAXIMUM WIDTH OF 6.1 m.



SECTION C - C

GENERAL NOTES

- ⑤ TEMPORARY CONSTRUCTION ROAD ENTRANCES AND/OR EXITS SHALL BE BUILT TO REDUCE SEDIMENT LEAVING THE CONSTRUCTION SITE VIA CONSTRUCTION VEHICLES AND TO REDUCE EROSION OF THE PUBLIC ROAD SURFACE.
- ⑥ TEMPORARY CONSTRUCTION ROAD ENTRANCES AND/OR EXITS SHALL BE BID UNDER THE FOLLOWING PAY ITEMS :  

203M01	ROAD AND DRAINAGE EXCAVATION PER CUBIC METER
303M10.01	MINERAL AGGREGATE (SIZE 57) PER TONNE
- ⑦ TEMPORARY STABILIZED CONSTRUCTION FORDS ARE EFFECTIVE FOR INFREQUENT CROSSING OF WIDE SHALLOW DEPRESSIONS.
- ⑧ TEMPORARY STABILIZED CONSTRUCTION FORDS SHALL BE BID UNDER THE FOLLOWING PAY ITEMS :  

203M01	ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED)
709M05.05	PER CUBIC METER
740M10.03,	MACHINED RIP-RAP (CLASS A-3) PER TONNE
	GEOTEXTILE (TYPE III) (EROSION CONTROL) PER SQUARE METER
- ③ DIMENSIONS SHOWN ON THESE DETAILS ARE THE MINIMUM THAT WILL BE ACCEPTABLE UNLESS OTHERWISE SPECIFIED BY THE PROJECT ENGINEER.
- ④ GEOTEXTILE FABRIC SHALL MEET REQUIREMENTS OF THE STANDARD SPECIFICATION FOR GEOTEXTILES AASHTO DESIGNATION M-288, EROSION CONTROL.
- ② TEMPORARY CULVERT CROSSINGS SHALL CONSIST OF ONE OR MORE CULVERTS BEING 450 mm IN DIAMETER OR GREATER. THEIR SIZE WILL VARY FROM 450 TO 1650 mm IN DIAMETER. TEMPORARY CULVERTS SHALL BE SIZED BASED ON A 5-YEAR FREQUENCY STORM. THE CULVERTS SHALL BE PAID FOR AS TEMPORARY DRAINAGE PIPE.
- ① TEMPORARY CULVERT CROSSINGS SHALL BE BID UNDER THE FOLLOWING PAY ITEMS :  

203M01	ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED) PER CUBIC METER
303M10.01	MINERAL AGGREGATE (SIZE 57) PER TONNE
621M03.02	450 mm TEMPORARY DRAINAGE PIPE PER METER
621M03.03	600 mm TEMPORARY DRAINAGE PIPE PER METER
621M03.04	750 mm TEMPORARY DRAINAGE PIPE PER METER
621M03.05	900 mm TEMPORARY DRAINAGE PIPE PER METER
621M03.06	1050 mm TEMPORARY DRAINAGE PIPE PER METER
621M03.07	1200 mm TEMPORARY DRAINAGE PIPE PER METER
621M03.08	1350 mm TEMPORARY DRAINAGE PIPE PER METER
621M03.09	1500 mm TEMPORARY DRAINAGE PIPE PER METER
621M03.10	1650 mm TEMPORARY DRAINAGE PIPE PER METER
709M05.06	MACHINED RIP-RAP (CLASS A-1) PER TONNE
709M05.07	MACHINED RIP-RAP (CLASS A-2) PER TONNE



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TEMPORARY ROAD STABILIZATION AND TEMPORARY CULVERT CROSSING