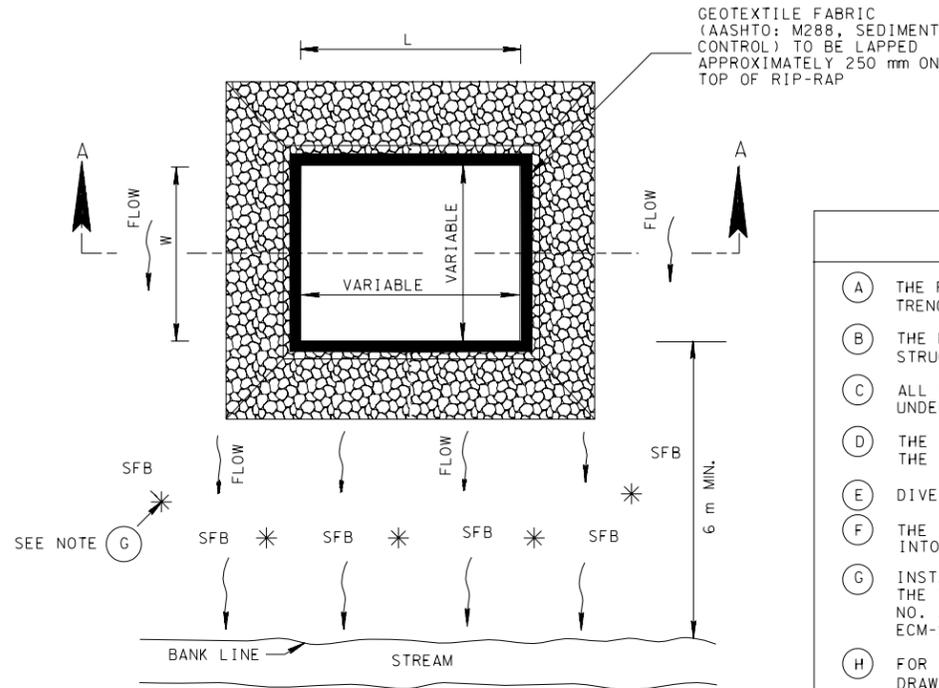


TEMPORARY EROSION & SEDIMENT CONTROL PAY ITEMS		
ITEM NO.	DESCRIPTION	UNIT
203M01	ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED)	CUBIC METER
209M02.03	200 mm TEMPORARY SLOPE DRAIN	METER
209M02.04	250 mm TEMPORARY SLOPE DRAIN	METER
209M02.05	300 mm TEMPORARY SLOPE DRAIN	METER
209M02.06	375 mm TEMPORARY SLOPE DRAIN	METER
209M02.07	450 mm TEMPORARY SLOPE DRAIN	METER
209M03	CHECK DAMS	SQUARE METER
209M04	BRUSH BARRIERS	METER
209M05	SEDIMENT REMOVAL	CUBIC METER
209M06	BALED HAY OR STRAW EROSION CHECKS	BALE
209M08.01	TEMPORARY FILTER BARRIER	METER
209M08.02	TEMPORARY SILT FENCE (WITH BACKING)	METER
209M08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	METER
209M08.04	TEMPORARY ENHANCED SILT FENCE	METER
209M09.01	SANDBAGS	BAG
209M09.02	TEMPORARY SEDIMENT FILTER BAGS (4.42 X 0.61 X 4.04)	EACH
209M10.01	TEMPORARY DEWATERING STRUCTURE	CUBIC METER
209M10.20	TEMPORARY SEDIMENT TRAP	CUBIC METER
209M11.01 TO 209M11.09	SEDIMENT BASIN RISER (___ mm)	EACH
209M11.20	SEDIMENT BASIN BAFFLES	METER
209M20.03	POLYETHYLENE SHEETING (6 mm MINIMUM)	SQUARE METER
209M40.41	CATCH BASIN FILTER ASSEMBLY (TYPE 1)	EACH
209M40.42	CATCH BASIN FILTER ASSEMBLY (TYPE 2)	EACH
209M40.43	CATCH BASIN FILTER ASSEMBLY (TYPE 3)	EACH
209M40.44	CATCH BASIN FILTER ASSEMBLY (TYPE 4)	EACH
209M40.45	CATCH BASIN FILTER ASSEMBLY (TYPE 5)	EACH
209M40.46	CATCH BASIN FILTER ASSEMBLY (TYPE 6)	EACH
209M40.47	CATCH BASIN FILTER ASSEMBLY (TYPE 7)	EACH
209M40.48	CATCH BASIN FILTER ASSEMBLY (TYPE 8)	EACH
209M40.49	CATCH BASIN FILTER ASSEMBLY (TYPE 9)	EACH
303M10.01	MINERAL AGGREGATE (SIZE 57)	TONNE
604M01.01	CLASS A CONCRETE (ROADWAY)	CUBIC METER
604M01.02	STEEL BAR REINFORCEMENT (ROADWAY)	KILOGRAMS
607M41.03	450 mm SLOPE DRAIN PIPE	METER
607M41.04	600 mm SLOPE DRAIN PIPE	METER
607M41.05	750 mm SLOPE DRAIN PIPE	METER
607M41.06	900 mm SLOPE DRAIN PIPE	METER
621M03.02	450 mm TEMPORARY DRAINAGE PIPE	METER
621M03.03	600 mm TEMPORARY DRAINAGE PIPE	METER
621M03.04	750 mm TEMPORARY DRAINAGE PIPE	METER
621M03.05	900 mm TEMPORARY DRAINAGE PIPE	METER
621M03.06	1050 mm TEMPORARY DRAINAGE PIPE	METER
621M03.07	1200 mm TEMPORARY DRAINAGE PIPE	METER
621M03.08	1350 mm TEMPORARY DRAINAGE PIPE	METER
621M03.09	1500 mm TEMPORARY DRAINAGE PIPE	METER
621M03.10	1650 mm TEMPORARY DRAINAGE PIPE	METER
709M01.01	RUBBLE STONE RIP-RAP	CUBIC METER
709M01.02	RUBBLE STONE RIP-RAP	TONNE
709M02.01	RUBBLE STONE RIP-RAP (GROUTED)	CUBIC METER
709M05.05	MACHINED RIP-RAP (CLASS A-3)	TONNE
709M05.06	MACHINED RIP-RAP (CLASS A-1)	TONNE
709M05.07	MACHINED RIP-RAP (CLASS A-2)	TONNE
740M10.01	GEOTEXTILE - TYPE I (SUBSURFACE DRAINAGE)	SQUARE METER
740M10.02	GEOTEXTILE - TYPE II (SEDIMENT CONTROL)	SQUARE METER
740M10.03	GEOTEXTILE - TYPE III (EROSION CONTROL)	SQUARE METER
740M10.04	GEOTEXTILE - TYPE IV (STABILIZATION)	SQUARE METER
740M10.05	GEOTEXTILE - TYPE V (DESCRIPTION)	SQUARE METER
801M01	SEEDING (WITH MULCH)	UNIT
801M01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT
801M02	SEEDING (WITHOUT MULCH)	UNIT
801M02.01	CROWN VETCH MIXTURE (WITHOUT MULCH)	UNIT
801M03	WATER (SEEDING AND SODDING)	SQUARE METER
805M12.01	EROSION CONTROL BLANKET (TYPE I)	SQUARE METER
805M12.02	EROSION CONTROL BLANKET (TYPE II)	SQUARE METER
805M12.03	EROSION CONTROL BLANKET (TYPE III)	SQUARE METER
805M12.04	EROSION CONTROL BLANKET (TYPE IV)	SQUARE METER
805M13.03	FLEXIBLE CHANNEL LINER (CLASS III)	SQUARE METER

TEMPORARY DEWATERING STRUCTURE

(ITEMS 209M05 & 209M10.01 THROUGH 209M10.09)



PLAN VIEW

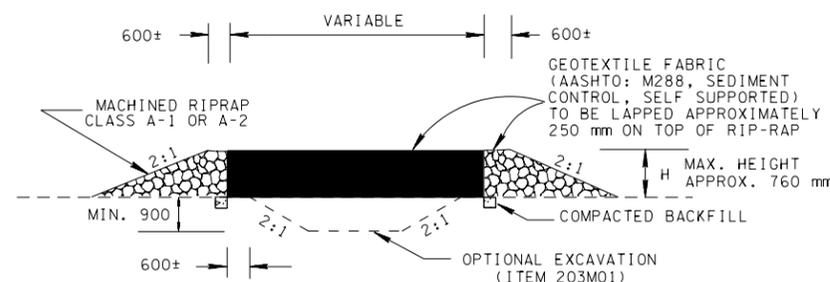
TEMPORARY DEWATERING STRUCTURE GENERAL NOTES

- (A) THE PRIMARY USE OF THE TEMPORARY DEWATERING STRUCTURE IS FOR DEWATERING COFFERDAMS, TRENCHES, ENCLOSED DITCHES, ETC.
- (B) THE MINIMUM REQUIRED VOLUME OF STORAGE IN CUBIC METERS FOR THE TEMPORARY DEWATERING STRUCTURE CAN BE FOUND IN THE ACCOMPANYING TABLE.
- (C) ALL MATERIALS USED TO CONSTRUCT THE TEMPORARY DEWATERING STRUCTURE SHALL BE PAID FOR UNDER ITEM NUMBER 209M10.01, TEMPORARY DEWATERING STRUCTURE PER CUBIC METER.
- (D) THE ACCUMULATED SEDIMENT MUST BE REMOVED WHEN THE BASIN IS HALF FULL AND PAID FOR AT THE PRICE BID FOR ITEM 209M05, SEDIMENT REMOVAL PER CUBIC METER.
- (E) DIVERT ANY STORMWATER AWAY FROM THE TEMPORARY DEWATERING STRUCTURES.
- (F) THE USE OF SOCKS TO COLLECT SEDIMENT WHEN PUMPING FROM TEMPORARY DEWATERING STRUCTURE INTO AN ADJACENT STREAM MAY BE USED WHEN APPROVED BY THE ENGINEER.
- (G) INSTALL TEMPORARY SILT FENCE (WITH BACKING) BETWEEN STREAM AND/OR DRAINAGE DITCH AND THE TEMPORARY DEWATERING STRUCTURE. IT IS TO BE PAID FOR UNDER THE PRICE BID FOR ITEM NO. 209M08.02 TEMPORARY SILT FENCE (WITH BACKING) PER METERS. SEE STANDARD DRAWING ECM-STR-3C FOR FURTHER DETAILS.
- (H) FOR TRENCHING OF GEOTEXTILE FABRIC INTO GROUND, SEE ECM-STR-3 SERIES OF STANDARD DRAWINGS FOR DETAILS.

TEMPORARY DEWATERING STRUCTURE VOLUMES

CONSTRUCTION	PUMP		RATE		STRUCTURE VOLUME REQD. (CUBIC METERS)
	TYPE	(DIA.)	MANUF. CAPACITY	m ³ /min (CUBIC METERS PER MINUTE)	
CONSTRUCTION		50 mm	32 m ³ /h	0.53 m ³ /min	63 m ³
		75 mm	59 m ³ /h	0.98 m ³ /min	118 m ³
		100 mm	114 m ³ /h	1.89 m ³ /min	227 m ³
		150 mm	250 m ³ /h	4.16 m ³ /min	498 m ³

VOLUME OF DEWATERING STRUCTURE SHOWN IN EROSION AND SEDIMENT CONTROL PLANS IS TO BE BASED ON USE OF 100 mm CONSTRUCTION PUMP SHOWN IN THE ABOVE TABLE.



SECTIONAL VIEW A-A

EROSION CONTROL PLAN LEGEND:  (TEMPORARY DEWATERING STRUCTURE)

- REV. 11-1-95: CHANGED TO METRIC.
- REV. 10-26-00: IN TEMPORARY EROSION AND SEDIMENT CONTROL PAY ITEMS BLOCK CHANGED PAY ITEM NUMBERS AND DESCRIPTIONS TO CONCUR WITH CHANGES MADE BY CONSTRUCTION DIVISION.
- REV. 5-27-01: REVISED PAY ITEMS AND GENERAL NOTES TO COMPLY WITH NEW PAY ITEM SYSTEM GOING IN EFFECT OCTOBER 26, 2001.
- REV. 12-18-02: ADDED PAY ITEM NOS. 209M08.02 AND 209M08.04. CHANGED SHEET NAME.
- REV. 1-22-03: CHANGED GENERAL NOTE (H).
- REV. 10-26-03: CORRECTED PAY ITEMS.
- REV. 3-15-04: ADDED PAY ITEMS FOR CATCH BASIN FILTER ASSEMBLIES.



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAY ITEMS,
GENERAL NOTES
& TEMPORARY
DEWATERING
STRUCTURE