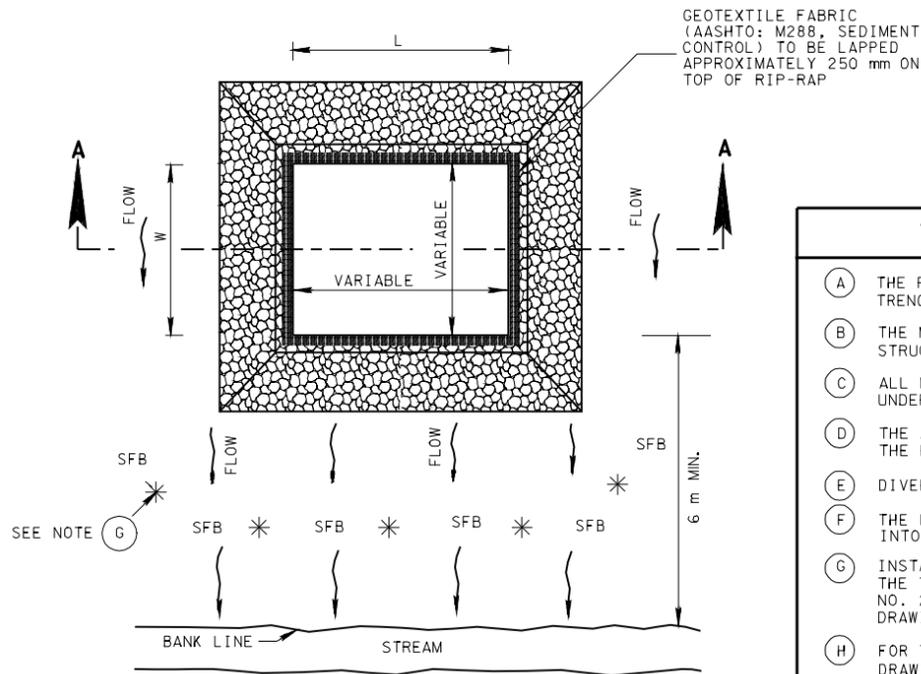


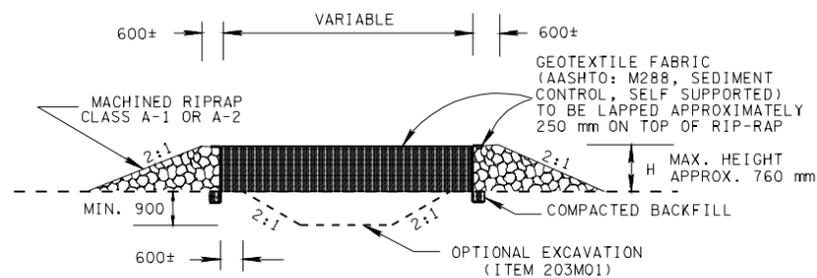
TEMPORARY EROSION & SEDIMENT CONTROL PAY ITEMS																																																																																															
ITEM NO.	DESCRIPTION	UNIT																																																																																													
203M01	ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED)	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																																																																																													
209-10.20	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																																																																																													
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																																																																																													
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### TEMPORARY DEWATERING STRUCTURE

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



PLAN VIEW



SECTIONAL VIEW A-A

EROSION CONTROL PLAN LEGEND: (TEMPORARY DEWATERING STRUCTURE)

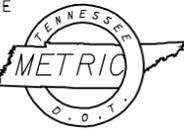
### TEMPORARY DEWATERING STRUCTURE GENERAL NOTES

- (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 LINEAR FOOT. 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

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

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.



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

- 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).