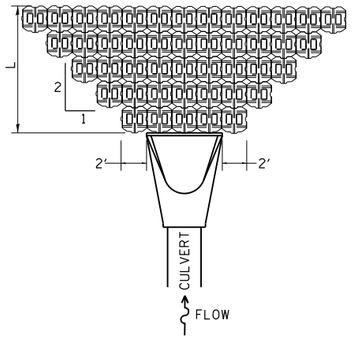
ARTICULATED BLOCK REVETMENT MAT DETAIL



FLARED END SECTION

THIS WORK SHALL BE DONE IN ACCORDANCE TO THE APPLICABLE PORTIONS OF SECTION 285 OF THE STANDARD SPECIFICATIONS FOR ARTICULATED BLOCK REVETMENT MAT AND SECTION 282 OF THE STANDARD SPECIFICATIONS FOR FILTER FABRIC.

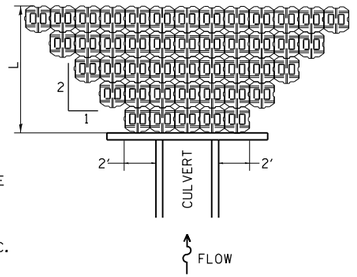
THE LENGTH OF BLOCK MAT (L) IS TO BE THREE (3) TIMES THE 10 YEAR CULVERT OUTLET VELOCITY, FROM THE WATERWAY INFORMATION TABLE (WIT).

IF THE CULVERT OUTLETS INTO A DEFINED CHANNEL, INSTALL BLOCK BANK TO BANK FOR LENGTH (L).

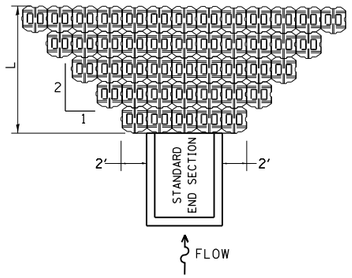
STANDARD END SECTION:
542001 (PIPE), 542011 (ELLIPTICAL)
DISTRICT STANDARD 34.1 (BOX).

ARTICULATED BLOCK REVETMENT MAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD.

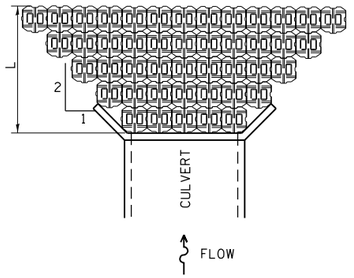
FILTER FABRIC SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD.



CULVERT WITH HEADWALL



STANDARD END SECTION



CULVERT WITH WING WALLS

Station	Offset	Velocity	Slope	Depth of Flow	Shear Stress
		ft/s	ft/ft	ft	lb/ft²
198+75	LT	5.74	0.0371	1.17	2.71
203+25	LT	6.62	0.0534	0.98	3.27
217+38	RT	11.4	0.1628	0.19	1.91
14+85	RT	9.01	0.0226	1.39	1.96

* 5789 & 5861

FILE NAME = c:\pw_work\pwidot\cushmanbw\d0333009\P201709-sht-details.dgn	USER NAME = cushmanbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = Fri Aug 01 09:52:23 2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTICULATED BLOCK REVETMENT MAT DETAIL

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2R-1	HENRY	235	97
		CONTRACT NO. 64J43		
		ILLINOIS FED. AID PROJECT		