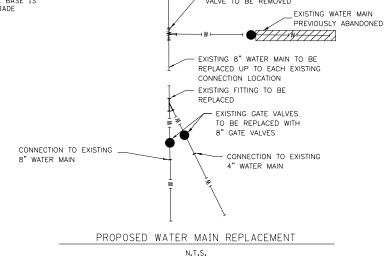


TYPE III JOINT REQUIRED IN ALL STORM MANHOLES

TABLE No. 1

TABLE TOTAL				
PIPE DIA.	MH DIA.	WALL THICKNESS		
8" THRU 30"	4'-0''	5"		
36"	5'-0''	6"		
42"	6′-0′′	7"		

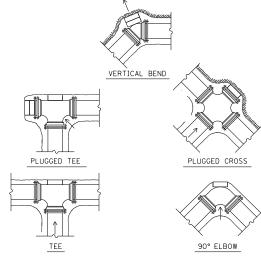
PRECAST MANHOLE N.T.S.



ON RUBBER VALVE BOX ADAPTER BEDDING VALVE CONCRETE BLOCK FRONT VIEW SIDE VIEW

NOTES:
VALVE AND BOX SHALL INCLUDE VALVE, VALVE
BOX, BLOCKING AND ANY ADJUSTMENTS NEEDED TO MATCH
FINISH GRADE. THIS WILL BE PAID FOR AT THE CONTRACT
UNIT PRICE PER EACH FOR THE TYPE OF VALVE
AND BOX AS INDICATED ON THE PLANS.

VALVE & BOX INSTALLATION N.T.S.



NOTES:
ALL BLOCKS BEAR AGAINST UNDISTURBED EARTH.
ARROWS INDICATE DIRECTION OF THRUST.
ALL BLOCKS TO BE 3000 PSI CONCRETE.
ALL BLOCKS TO BE TOOLED TO THE EXCEPT VERTICAL BEND.

THRUST BLOCK INSTALLATION N.T.S.

FEHR GRAHAM

	USER NAME = tliezert	DESIGNED	-	TMH	REVISED	-
		DRAWN	-	YG	REVISED	-
•	PLOT SCALE = 40.0000 '/ in.	CHECKED	-		REVISED	-
	PLOT DATE = 7/24/2013	DATE	-	09/14/12	REVISED	-

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

- 11	ROUTE	Ω/I
16	HOULE	04
OVER	A DDI E	DIVED
UVEN	AFFLE	NIVEN
	APPLE	

SCALE:

_	UTE 84 PLE RIVER	MISCELLANEOUS DETAILS				
	SHEET NO. 8 OF 10 SHI	EETS	STA.	TO	STA.	

_	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
S	308	103 BR-4	JO DAVIESS	159	146				
	CONTRACT NO.								
	ILLINOIS FED. AID PROJECT								