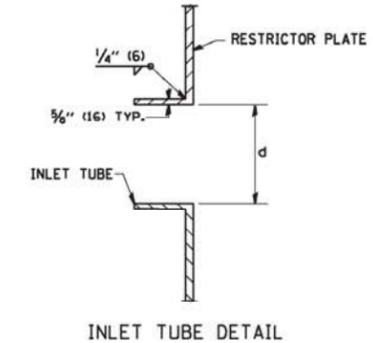
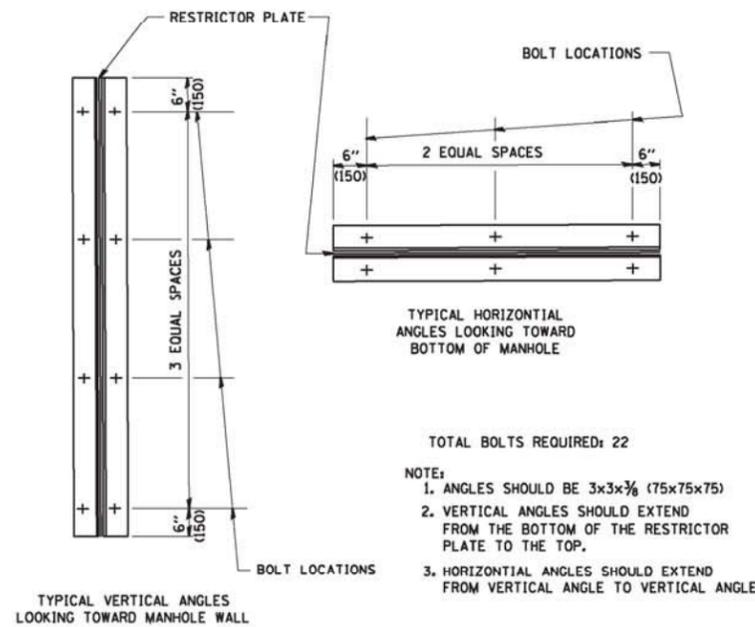


- NOTES:
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
  2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
  3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m) DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
1007+35 RT	8	T1F CL	3	12	600.80	603.93
1058+35 RT	8	T1F CL	3	21	590.26	597.00
1060+93.5 LT	8	T1F CL	3	18	594.00	598.75
1076+50 RT	8	T1F CL	3	15	594.70	599.50
6010+40 RT	8	T1F CL	3	12	595.49	599.50
6026+40 LT	8	T1F CL	3	15	595.44	598.60



RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98
VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES					

- NOTE:
1. ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO INSTALL THE RESTRICTOR AND RESTRICTOR PLATE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR MANHOLES, TYPE A, 8'-DIAMETER, 2-TYPE 1 FRAMES, CLOSED LIDS (SPECIAL).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\distatd\22x34\bd12.dgn

USER NAME = geglianobt

PLOT SCALE = 50,000' / IN.

PLOT DATE = 1/4/2008

DESIGNED - R. SHAH

DRAWN -

CHECKED -

DATE - 09-09-94

REVISED - R. SHAH 10-25-94

REVISED - E. GOMEZ 08-28-00

REVISED - M. GOMEZ 01-08-01

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MANHOLE WITH  
RESTRICTOR PLATE

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE. 57	SECTION (0405-1 & 0506-2) R-1	COUNTY COOK	TOTAL SHEETS 577	SHEET NO. 260
BD600-04 (BD-12)		CONTRACT NO. 60M57		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				