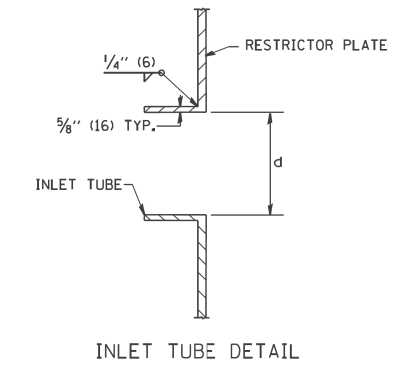
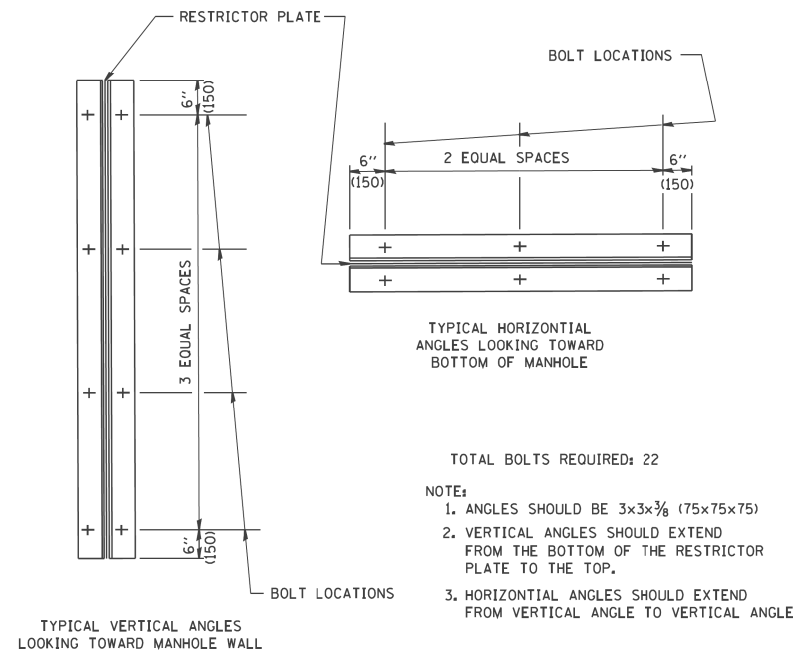


- NOTES:
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
 2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
 3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



MANHOLE, TYPE A WITH 2 - TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	MH DIA (FT)	RIM ELEVATION (FT)	ELEVATION OF TOP OF PLATE (FT)	RESTRICTOR INVERT (FT)	INSIDE RESTRICTOR DIAMETER (INCH)	RESTRICTOR TYPE	
101	STA. 45+03.0 R	6	747.37	745.28	742.50	14.8	3
1501	STA. 45+98.0 R	6	748.14	746.00	742.50	15.5	3
301	STA. 67+75.0 R	6	759.08	756.00	753.15	12.5	3
401	STA. 75+02.0 L	6	743.00	741.00	738.35	16.0	3
501	STA. 81+83.3 L	6	739.95	737.95	735.07	16.5	3
701	STA. 104+98.0 R	6	718.74	716.74	712.85	30.0	3
1701	STA. 105+35.0 R	6	718.74	716.74	712.96	15.0	3
801	STA. 429+42.8 L	6	714.36	712.00	705.49	14.5	3
901	STA. 126+11.5 L	6	704.70	702.70	698.52	21.0	3
951	STA. 126+50.0 L	6	704.78	702.62	698.55	25.0	3
1203	STA. 159+87.0 R	6	712.36	709.58	706.20	16.2	3



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

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

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

USER NAME = gaglanobt

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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-3	COOK	932	600
BD600-04 (BD-12)		CONTRACT NO. 60F05		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				