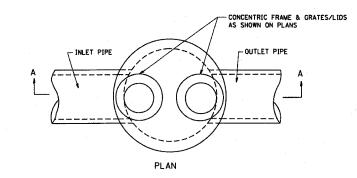
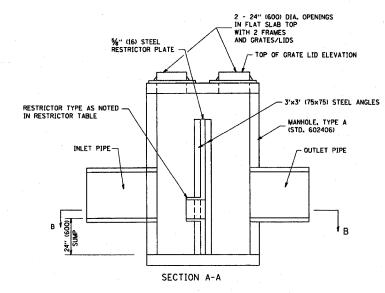
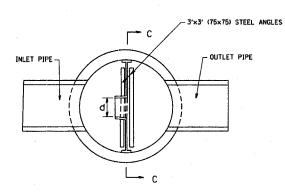
CONTRACT NO. 60 BOI F.A. SECTION COUNTY TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



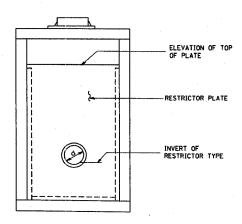


STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
						`

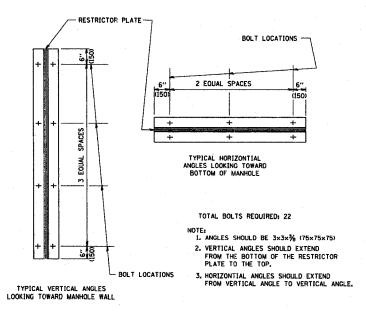
\* FOR INFORMATION SEE DRAINAGE SCHEDULE - SHEET 3 OF 3



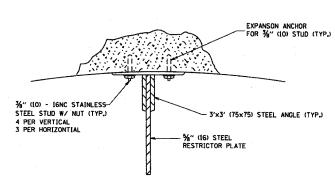
SECTION B-B



SECTION C-C



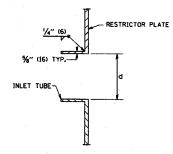
STEEL ANGLE BOLTING DETAILS



ANGLE FASTENER DETAIL

## NOTES:

- 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. (L8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



INLET TUBE DETAIL

		RESTRICTOR	TYPE		
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SOUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
ENGTH: ½ TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH <sub>2</sub> 2-V <sub>2</sub> 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.

NAME	DATE
R. SHAH	09/09/
R. SHAH	10/25/
E. GOMEZ	08/28/
M. GOMEZ	01/08/

ILLINOIS DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE

SCALE: VERT. NONE

DRAWN BY CHECKED BY BD600-04

DATE NAME SCALE NAME PLOT PLOT USER

(BD-12)