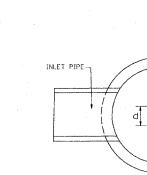
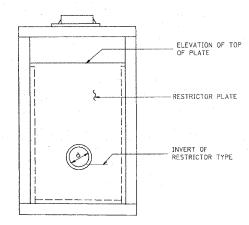
F. A. RTE.	SECTION		COUNTY	TOTAL, SMEETS	SHEET
1373	73 00-00058-00-RS		COOK	113	53
STA.	N/A		TO STA. N/A		
FED. ROAD DIST. NO. ILLD		ILLINO	FED. AID PROJECT		



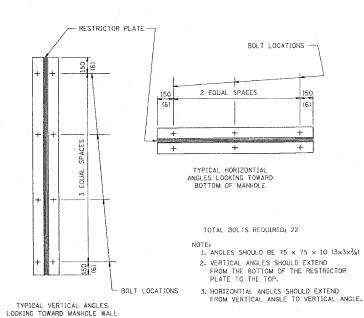
SECTION B-B



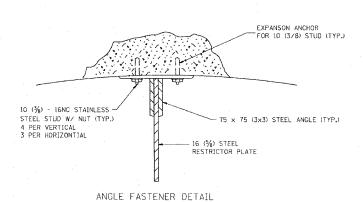
75 × 75 (3×3) STEEL ANGLES

- OUTLET PIPE

SECTION C-C

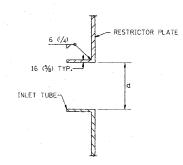


STEEL ANGLE BOLTING DETAILS



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, 1.8m (6FT.)-DIAMETER, TYPE I FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



INLET TUBE DETAIL

RESTRICTOR TYPE								
1	2	3	4	5	6			
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED			
LENGTH: ½ 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 MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

REVISIONS
NAME DATE
R. SHAH 09/09/94
R. SHAH 10/25/94
E. GOMEZ 08/28/00
M. GOMEZ 01/08/01

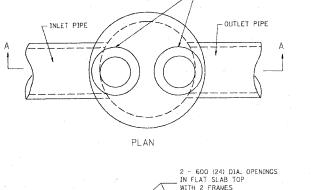
MANHOLE WITH RESTRICTOR PLATE

SCALE: NONE
DATE 10/18/2002

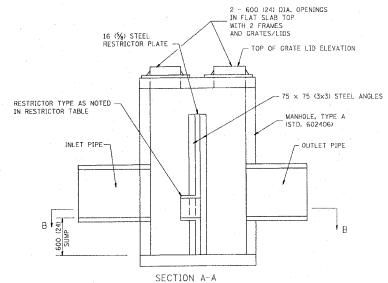
DRAWN BY
CHECKED BY
BD600~04 (BD-12)

REVISION DATE: 01/08/01

IO/I8/2002 c:\projects\diststd\bdl2.dgn VI=BDl2



CONCENTRIC FRAME & GRATES/LIDS - AS SHOWN ON PLANS



STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER mm (In.) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
						1