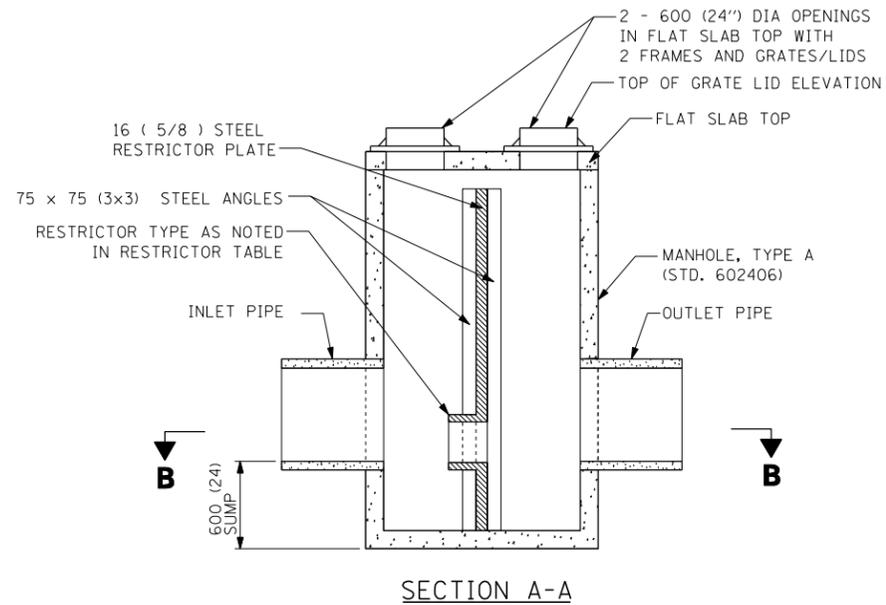


PLAN



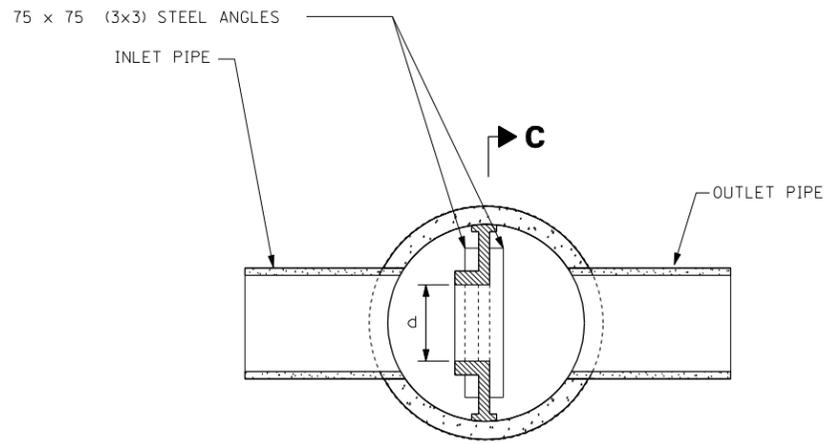
SECTION A-A

**MANHOLE WITH RESTRICTOR PLATE**

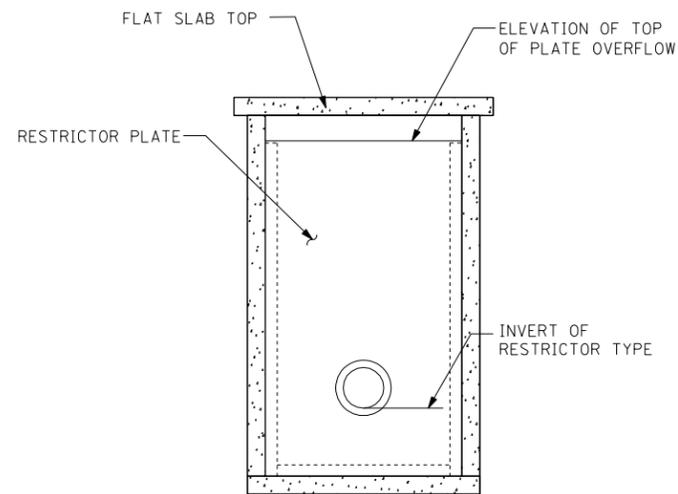
N.T.S.

STR. ID	STATION OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIA	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
371	396+55, 62.5' RT	6'	T1FCL	2	11"	926.10	929.00
376	397+94, 55' RT	6'	T1FCL	2	7.5"	927.25	929.40
416	396+56, 53.8' LT	6'	T1FCL	2	6"	926.63	928.82 *
503	421+85, 49' RT	6'	T1FCL	2	11"	914.60	918.80
759	469+17, 57' RT	6'	T1FCL	2	10.5"	922.50	927.51
765	470+32, 50' RT	6'	T1FCL	2	13"	919.93	923.05
814	481+00, 48' RT	6'	T1FCL	2	7.5"	922.00	925.10
818	481+32, 48' RT	6'	T1FCL	2	9"	922.57	926.10

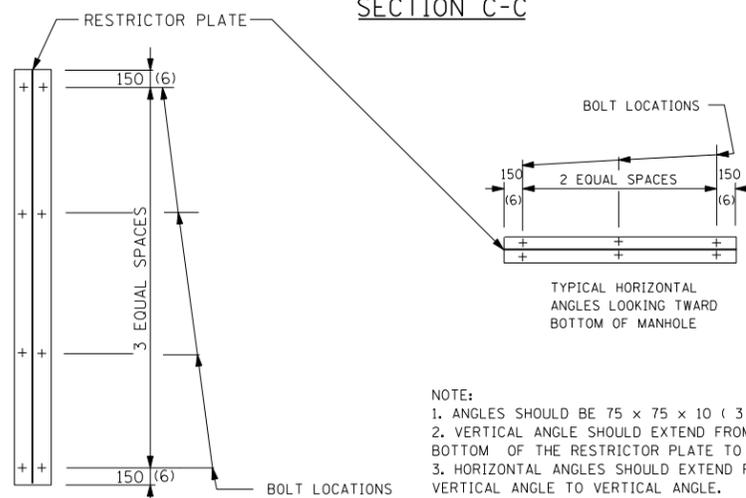
\* THE ELEVATION OF TOP OF PLATE IS INTENTIONALLY SET TO THE BOTTOM OF FLAT SLAB TOP. IN OTHER WORDS, NO GAP SHALL BE PROVIDED BETWEEN THE TOP OF PLATE AND THE BOTTOM OF FLAT SLAB TOP.



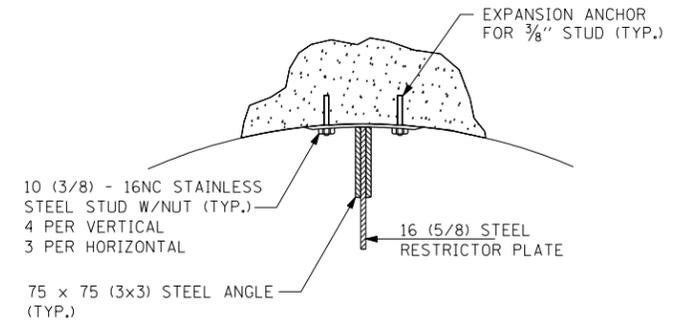
SECTION B-B



SECTION C-C



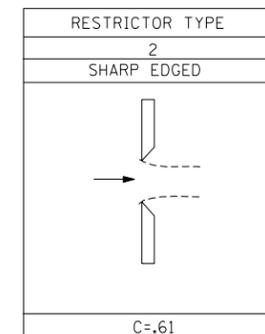
**STEEL ANGLE BOLTING DETAILS**



**ANGLE FASTENER DETAIL**

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'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH.



T:\DOCUMENTS\1934\981\CIVIL\CON\DRD00\_23.DGN  
 HECHTBR  
 11-06-2013, 16:20:50

FILE NAME = #FILEL#	USER NAME = HECHTBR	DESIGNED -	REVISED -
exp U.S. Services Inc. BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = #SCALE#	DRAWN - MRK	REVISED -
PLOT DATE = #DATE#	DATE - 11/01/13	CHECKED - TKL	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 U.S. ROUTE 14

**DRAINAGE DETAILS - III**  
**MANHOLE WITH RESTRICTOR PLATE**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	283
CONTRACT NO. 62268				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				