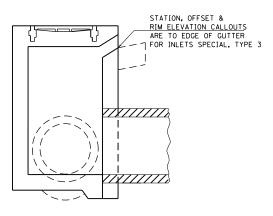
## URBAN DRAINAGE STRUCTURES

STRUCTURE			_			RIM	STRUCTURE			_			DIM
NUMBER	STATION	OFESE	-т	STRUCTURE TYPE	CASTING		NUMBER	STATION	OFE	SET	STRUCTURE TYPE	CASTING	RIM ELEVATIO
1	392+21.50	44.80	_	INLET TY A	GRATE TYPE 8	379.06	59	410+35.00	-	-		TYPE 1 FRAME, CLOSED LID	385.59
2	392+89.00		LT	INLET TY A	GRATE TYPE 8	379.59	60	410+59.00				TYPE 1 FRAME, CLOSED LID	385.62
3	393+37.00				TYPE 1 FRAME, CLOSED LID		61	410+59.00	45.50		INLET TY A	GRATE TYPE 8	384.36
4	393+61.65		RT	PRC FES 12"	THE THRANE, CLOSED ED	373.54	62	411+42.00		_		TYPE 1 FRAME, CLOSED LID	385.71
5	393+67.94		_		TYPE 1 FRAME, CLOSED LID	379.66	63	411+42.00	52.00	_	INLET TY A	GRATE TYPE 8	384.50
6	394+08.00		_		TYPE 1 FRAME, CLOSED LID	380.03	64	411+57.00			INLET SPECIAL, TYPE 3		385.72
7	394+55.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID		65	412+20.00	33.00	-	INLET SPECIAL, TYPE 3		385.72
9	395+26.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.18	66	412+65.00	33.00		INLET SPECIAL, TYPE 3		385.83
10	395+26.00		RT	INLET TY A	GRATE TYPE 8	379.50	67	412+65.00	43.70		INLET TY A	GRATE TYPE 8	384.97
10	395+44.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.20	68	413+06.00	33.00	-	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.88
11	396+01.50		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID		69	413+06.00	44.20	-	MH TY A 4' DIA	GRATE TYPE 8	384.96
12	396+20.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.30	70	413+25.00	33.00			TYPE 1 FRAME, CLOSED LID	385.90
13	396+60.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.35	70	413+25.00	53.20		INLET TY A	GRATE TYPE 8	384.65
14	397+25.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.43	72	413+25.00	33.00	-	INLET SPECIAL, TYPE 3		386.06
15	397+39.00		_		TYPE 1 FRAME, CLOSED LID	380.45	72	413+86.00	42.00		MH TY A 4' DIA	GRATE TYPE 8	385.39
18	397+55.13			PRC FES EQRS 36"	TIPE I PRAIME, CLOSED LID	380.45	73	414+50.00	33.00	-		TYPE 1 FRAME, CLOSED LID	385.39
17	397+76.00		RT	MH TY A 5' DIA	GRATE TYPE 8	380.00	75	414+50.00	50.50		INLET TY A	GRATE TYPE 8	385.40
18	398+10.00		_		TYPE 1 FRAME, CLOSED LID	380.54	76	414+30.00	33.00			TYPE 1 FRAME, CLOSED LID	386.62
20	398+10.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID		76	414+88.00	44.20		INLET SPECIAL, TYPE 3	GRATE TYPE 8	385.96
20	398+36.00		_		GRATE TYPE 8	380.58	78	414+88.00	44.20 50.50	-	MH TY A 5' DIA		385.96
21	398+36.00		RT	INLET TY A	TYPE 1 FRAME, CLOSED LID	380.20	78	415+25.00	33.00			GRATE TYPE 8 TYPE 1 FRAME, CLOSED LID	387.40
22	398+46.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.66	80	415+85.00	44.20	-	INLET SPECIAL, TYPE S	GRATE TYPE 8	386.27
25	399+04.00		_				80			_		TYPE 1 FRAME, CLOSED LID	388.02
			_					416+60.00		-			
25	399+05.00		RT	INLET TY A	GRATE TYPE 8	379.60	82	416+60.00	43.50	-	INLET TY A	GRATE TYPE 8	387.40
26	399+34.16		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.70	83	416+95.00			INLET SPECIAL, TYPE 3		388.31
27	399+82.00			INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.76	84	416+95.00	50.50		INLET TY A	GRATE TYPE 8	387.40
28	399+97.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.78	85	417+38.00	33.00	-	INLET SPECIAL, TYPE 3		388.66
29	400+25.00		RT	MH TY A 5' DIA	GRATE TYPE 8	380.80	86	417+38.00	44.20	-	INLET TY A	GRATE TYPE 8	387.50
29A	400+25.00		RT	PRC FES 15"			87	418+60.00				TYPE 1 FRAME, CLOSED LID	389.66
30	400+40.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.84	88	418+60.00	43.40		INLET TY A	GRATE TYPE 8	388.25
31	400+84.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.89	89	419+25.00	33.00		INLET SPECIAL, TYPE 3		390.17
32	400+84.00		RT	INLET TY A	GRATE TYPE 8	380.50	90	419+25.00	50.50	-	INLET TY A	GRATE TYPE 8	389.70
33	400+95.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.91	91	419+88.00	33.00	-	INLET SPECIAL, TYPE 3		390.64
34	401+40.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.96	92	419+88.00	43.50	-	INLET TY A	GRATE TYPE 8	389.06
35	401+90.00		_		TYPE 1 FRAME, CLOSED LID	381.03	93	420+98.00	33.00	-	INLET SPECIAL, TYPE 3		391.40
36	401+90.00		RT	INLET TY A	GRATE TYPE 8	380.70	94	420+98.00	54.60	-	INLET TY A	GRATE TYPE 8	389.80
37	402+10.00		_		TYPE 1 FRAME, CLOSED LID	381.07	95	421+43.51	78.81	-	PRC FES 15"		
38	402+94.00		_	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	381.52	96	421+56.66	47.38		MH TY A 4' DIA	TYPE 1 FRAME, CLOSED LID	391.00
39	402+94.00		RT	INLET TY A	GRATE TYPE 8	381.15	97	421+78.00	33.00	-	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	391.89
40	403+15.00	33.00	LT	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	381.70	98	421+78.00	45.40	-	INLET TY B	GRATE TYPE 8	390.80
41	405+22.00		RT	PRC FES 15"			99	423+00.00	33.00		INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	392.56
42	405+43.82		_		TYPE 1 FRAME, CLOSED LID	384.11	100	423+25.00	48.00	-	INLET TY A	GRATE TYPE 8	392.70
45	405+74.54		LT	PRC FES 15"			101	424+11.00	33.00	-		TYPE 1 FRAME, CLOSED LID	392.52
46	405+86.48	46.02	LT	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	384.40	102	425+37.65	60.16	_	PRC FES 36"		
47	406+06.84	48.02	RT	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	384.81	103	426+05.00	33.00	LT	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	393.53
48	406+89.45	64.17	RT	PRC FES 15"			104	426+65.02	55.64	RT	PRC FES 24"		
49	407+07.32	63.93	RT	PRC FES 30"			105	427+60.00	52.00	-	MH TY A 5' DIA	GRATE TYPE 8	394.79
50	407+08.22	73.78	LT	PRC FES 30"			106	428+13.84	38.92		MH TY A 5' DIA	TYPE 1 FRAME, CLOSED LID	395.50
51	407+17.00	33.00	LT	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.26	107	428+48.00	33.00	LT	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	395.33
52	407+35.00	33.00	RT	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.28	108	428+48.00	48.50	LT	INLET TY A	GRATE TYPE 8	394.30
53	408+25.00	33.00	LT	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.37	109	428+70.00	55.00	RT	MH TY A 5' DIA	GRATE TYPE 8	395.60
54	408+42.00	33.00	RT	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.39	110	429+70.00	59.00	RT	MH TY A 5' DIA	GRATE TYPE 8	395.90
55	409+30.00	33.00	LT	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.48	111	430+96.00	33.00	LT	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	397.90
56	409+50.00			INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.51	112	433+46.00	33.00	-	INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	401.15
				INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID		113	434+39.00	39.50		INLET TY A	GRATE TYPE 8	403.00
57	410+03.00	33.00	1/1 1	INCLUSI LONG, THE S									

PIPE		LENGTH	SLOPE	US	DS	PIPE		LENGTH	SLOPE	US	DS
NUMBER	SIZE / TYPE	(FEET)	(%)	INVERT	INVERT	NUMBER	SIZE / TYPE	(FEET)	(%)	INVERT	INVE
P1	12" STORM SEW CL A 2	5.64	1.00	376.06	376.00	P59	30" STORM SEW CL A 2	101.00	0.13	379.78	379.
P2	12" STORM SEW CL A 2	6.81	1.00	376.59	376.52	P60	12" STORM SEW CL A 2	7.00	1.00	381.36	381
P3	15" STORM SEW CL A 2	41.74	1.56	376.16	375.51	P61	24" STORM SEW CL A 2	92.00	0.19	380.70	380
P4	24" STORM SEW CL A 2	73.35	0.17	375.56	375.44	P62	12" STORM SEW CL B 2	13.50	1.00	381.50	381
P5	12" STORM SEW CL A 2	20.74	4.15	377.52	376.66	P63	30" STORM SEW CL A 2	72.00	0.13	379.87	379
P6	15" STORM SEW CL A 2	65.00	0.32	376.37	376.16	P64	24" STORM SEW CL A 2	102.00	0.18	380.89	380
P7	24" STORM SEW CL A 2	149.87	0.17	375.82	375.56	P65	30" STORM SEW CL A 2	99.00	0.13	380.00	379
P8	15" STORM SEW CL A 2	41.00	0.32	376.50	376.37	P66	12" STORM SEW CL B 2	5.20	1.00	381.97	381
P9	15" STORM SEW CL A 2	83.00	0.35	376.68	376.50	P67	24" STORM SEW CL A 2	35.00	0.17	380.95	380
P10	12" STORM SEW CL A 2	2.50	1.00	376.50	376.47	P68	12" STORM SEW CL B 2	5.70	0.17	381.96	381
P12	15" STORM SEW CL A 2	51.50	0.45	377.02	376.79	P69	24" STORM SEW CL A 2	78.03	0.55	381.39	380
P13	24" STORM SEW CL A 2	88.00	0.17	376.30	376.15	P70	12" STORM SEW CL B 2	14.70	1.00	381.65	381
P14	15" STORM SEW CL B 2	73.00	0.32	377.10	376.87	P71	30" STORM SEW CL B 2	119.00	0.13	380.78	380
P15	30" STORM SEW CL B 2	68.45	0.13	374.85	374.76	P72	24" STORM SEW CL A 2	3.50	3.00	381.74	381
P16	36"EQRS ST SEW CL A 2	226.23	0.10	373.83	371.60	P74	12" STORM SEW CL A 2	12.00	1.00	382.40	382
P17	24" STORM SEW CL A 2	65.00	0.17	376.07	375.96	P75	30" STORM SEW CL A 2	72.55	0.13	381.70	381
P18	30" STORM SEW CL A 2	47.21	0.13	374.91	374.85	P76	24" STORM SEW CL B 2	96.00	0.17	381.90	381
P19	24" STORM SEW CL B 2	30.00	0.17	376.12	376.07	P77	12" STORM SEW CL B 2	5.70	1.00	382.96	382
P20	30" STORM SEW CL A 2	56.18	0.13	374.98	374.91	P78	24" STORM SEW CL A 2	166.67	0.65	383.28	382
P21	12" STORM SEW CL A 2	3.50	1.00	377.20	377.16	P79	24" STORM SEW CL A 2	91.00	0.17	382.21	382
P22	18" STORM SEW CL A 2	52.00	0.26	376.75	376.62	P80	12" STORM SEW CL B 2	5.70	1.00	383.27	383
P23	18" STORM SEW CL A 2	24.16	0.26	376.82	376.75	P81	24" STORM SEW CL A 2	69.00	0.17	383.32	383
P24	30" STORM SEW CL A 2	63.00	0.13	375.06	374.98	P82	12" STORM SEW CL B 2	5.00	1.00	384.40	384
P25	12" STORM SEW CL A 2	3.50	1.00	376.60	376.56	P83	24" STORM SEW CL A 2	72.00	0.17	383.44	383
P26	18" STORM SEW CL A 2	56.84	0.26	376.96	376.82	P84	12" STORM SEW CL A 2	12.00	1.00	384.40	384
P27	24" STORM SEW CL A 2	71.00	0.17	376.31	376.19	P85	12" STORM SEW CL A 2	5.70	1.00	384.50	384
P28	15" STORM SEW CL A 2	37.00	0.32	377.33	377.21	P86	18" STORM SEW CL B 2	116.00	0.28	384.70	384
P29	24" STORM SEW CL A 2	37.55	0.17	376.37	376.31	P87	12" STORM SEW CL B 2	4.90	1.00	385.25	385
P29A	15" STORM SEW CL A 2	2.50	1.00	378.70	378.67	P88	18" STORM SEW CL A 2	122.00	0.26	385.51	385
P30	15" STORM SEW CL A 2	49.00	0.32	377.49	377.33	P89	24" STORM SEW CL B 2	224.00	0.40	385.20	384
P31	24" STORM SEW CL A 2	53.55	0.17	376.46	376.31	P90	12" STORM SEW CL A 2	12.00	1.00	386.70	386
P32	12" STORM SEW CL A 2	3.50	1.00	377.50	377.46	P91	12" STORM SEW CL A 2	5.00	1.00	386.06	386
P33	15" STORM SEW CL A 2	39.00	0.32	377.61	377.49	P92	18" STORM SEW CL A 2	184.00	0.26	387.27	386
P34	15" STORM SEW CL A 2	64.00	0.32	377.82	377.61	P93	18" STORM SEW CL A 2	167.00	0.26	386.14	385
P35	24" STORM SEW CL A 2	100.00	0.17	376.66	376.49	P94	12" STORM SEW CL A 2	16.10	1.00	386.80	386
P36	12" STORM SEW CL A 2	3.50	1.00	377.70	377.66	P95	15" STORM SEW CL A 2	31.07	11.11	391.20	387
P37	15" STORM SEW CL B 2	99.00	0.64	378.45	377.82	P96	15" STORM SEW CL A 2	18.43	1.09	387.75	387
P38	24" STORM SEW CL A 2	98.00	0.17	377.11	376.94	P97	18" STORM SEW CL A 2	6.90	0.50	387.30	387
P39	12" STORM SEW CL A 2	4.10	1.00	378.15	378.11	P98	15" STORM SEW CL A 2	143.54	0.56	389.45	388
P41	15" STORM SEW CL A 2	16.47	10.08	380.86	379.20	P99	15" STORM SEW CL A 2	196.00	0.41	388.94	388
P45	15" STORM SEW CL A 2	37.05	4.80	381.70	379.92	P101	15" STORM SEW CL A 2	101.37	0.32	389.27	388
P47	15" STORM SEW CL A 2	78.77	5.28	381.56	377.40	P102	36" STORM SEW CL A 2	65.40	0.10	388.93	388
P49	30" STORM SEW CL A 2	37.65	2.31	378.82	377.95	P103	36" STORM SEW CL A 2	193.71	0.12	389.15	388
P50	30" STORM SEW CL A 2	37.33	2.50	377.59	376.65	P104	24" STORM SEW CL A 2	100.03	1.73	390.79	389
P51	30" STORM SEW CL A 2	102.00	0.13	379.39	379.26	P105	24" STORM SEW CL A 2	114.91	0.70	391.60	390
P52	30" STORM SEW CL A 2	101.00	0.13	378.95	378.82	P106	24" STORM SEW CL A 2	27.36	0.17	390.20	390
P53	30" STORM SEW CL A 2	99.00	0.13	379.52	379.39	P107	12" STORM SEW CL A 2	10.00	1.00	391.30	391
P54	30" STORM SEW CL A 2	102.00	0.13	379.08	378.95	P108	15" STORM SEW CL A 2	230.80	1.11	394.65	392
P55	30" STORM SEW CL A 2	99.00	0.13	379.65	379.52	P109	24" STORM SEW CL A 2	104.75	0.29	391.90	391
P56	30" STORM SEW CL A 2	47.00	0.13	379.14	379.08	P111	15" STORM SEW CL A 2	232.70	1.39	397.90	394
P57	12" STORM SEW CL A 2	7.50	1.00	380.72	380.64	P112	15" STORM SEW CL A 2	88.17	2.10	399.75	397
P58	24" STORM SEW CL A 2	50.00	0.22	380.29	380.18	P113	12" STORM SEW CL A 2	10.75	4.11	394.75	394



	S	TRU	CTU

FILE NAME =	USER NAME = bemery	DESIGNED -	REVISED -			F.A.P. RTF	SECTION	COUNTY TOTAL SHEET
P:\Projects\2011 Projects\11297 - IDOT US	Ph2\CV\CADD Sheets\D978077-sht-drain-US45 <b>DRA#A</b> dgn -		REVISED -	STATE OF ILLINOIS	DRAINAGE STRUCTURES	332	(29,30)R-1	SALINE 745 333
	PLOT SCALE = 40.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			· · · ·	CONTRACT NO. 78077
	PLOT DATE = 4/30/2014 DATE -		REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FEE	D. AID PROJECT

€ STRUCTURE

ARE AT CENTER OF STRUCTURES WITH TYPE 8 GRATES OR CLOSED LIDS RIM ELEVATION CALLOUT IS AT EDGE OF TYPE 8 GRATE OPENING OR TOP OF CLOSED LID JRE