

**DRAINAGE STRUCTURE SCHEDULE**

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA.	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH	CB							
21	193+29.56	12.0 RT		A	4'	T20 F&G	2.17		-3.84		
22	194+28.13	12.0 RT		A	4'	T20 F&G	2.44			-3.39	
23	196+22.11	12.0 RT		A	4'	T20 F&G	3.44			-2.39	
24	193+50.04	12.0 RT		A	4'	T20 F&G	2.17		-3.90	-3.90	-3.90
25	193+40.04	12.0 RT		A	4'	T20 F&G	2.17		-3.87		-3.87
26	193+50.00	15.6 RT		C	2'	T1F OL	2.36	-3.88			
31	199+64.09	51.7 LT		A	4'	T20 F&G	3.31			-2.80	
32	199+64.11	12.0 RT		A	4'	T20 F&G	3.66	-3.05	-3.05		-3.05
33	200+57.92	12.0 RT		A	4'	T20 F&G	3.18				-2.65
34	200+99.54	52.1 LT		A	4'	T20 F&G	2.58			-2.61	
35	201+09.83	6.3 RT		A	4'	T1F OL	3.07	-2.85	-2.85		
36	201+50.00	4.8 RT		A	4'	T1F OL	2.91				-2.69
37	202+58.64	50.9 LT		A	4'	T20 F&G	1.82			-3.25	
38	202+53.40	3.1 RT		A	4'	T1F OL	2.54	-3.47			-3.47
39	202+00.00	3.8 RT		A	4'	T1F OL	2.72		-3.25		
41	203+92.02	51.0 LT		A	4'	T20 F&G	1.13			-3.70	
42	204+75.16	23.9 RT		A	4'	T20 F&G	0.99			-4.84	
43	205+58.16	22.2 RT		A	4'	T20 F&G	0.59			-5.24	
44	206+42.02	51.3 LT		A	4'	T20 F&G	-0.17			-5.70	
45	206+42.16	20.6 RT		A	4'	T20 F&G	0.18	-5.98		-5.98	
46	208+33.71	46.8 LT		A	4'	T20 F&G	-0.98			-6.60	-5.60
47	208+10.74	18.0 RT		A	4'	T20 F&G	-0.64	-6.87		-6.87	
48	NOT USED	-		-	-	-	-	-	-	-	-
49	206+22.98	25.5 RT		C	2'	T1F OL	0.45			-3.55	
51	209+93.88	46.0 LT		A	4'	T20 F&G	-1.79			-7.39	
52	209+93.88	24.0 RT		A	4'	T20 F&G	-1.83	-7.66		-7.66	
53	209+93.88	34.0 RT	A		4'	T1F CL	2.20	-7.70	-13.34		
54	212+23.93	46.0 LT		A	4'	T20 F&G	-2.98			-8.58	
55	212+23.97	24.0 RT		A	4'	T20 F&G	-3.02	-8.85		-8.85	
56	212+23.98	34.0 RT	A		4'	T1F CL	0.99	-8.89	-14.49		-14.24
57	213+58.54	46.0 LT		A	4'	T20 F&G	-3.67	-9.27		-9.27	
58	213+58.53	24.0 RT		A	4'	T20 F&G	-3.71	-9.54		-9.54	
59	213+58.53	34.0 RT	A		5'	T1F CL	0.41	-9.58	-15.38		-14.88
510	NOT USED	-		-	-	-	-	-	-	-	-
511	214+71.28	46.0 LT		A	4'	T20 F&G	-4.11		-9.95		-9.95
512	214+91.28	46.0 LT		A	4'	T20 F&G	-4.11			-9.95	
513	214+81.28	46.0 LT		A	4'	T20 F&G	-4.11		-9.98	-9.98	-9.98
514	NOT USED	-		-	-	-	-	-	-	-	-
515	NOT USED	-		-	-	-	-	-	-	-	-
516	214+71.28	24.0 RT		A	4'	T20 F&G	-4.15		-10.22	-10.22	
517	214+91.28	24.0 RT		A	4'	T20 F&G	-4.15				-10.22
518	214+81.28	24.0 RT		A	4'	T20 F&G	-4.15	-10.25	-10.25	-10.25	-10.25
519	214+81.28	34.6 RT	A		5'	T1F CL	0.23	-10.29	-16.12		-15.62
520	214+71.28	29.0 RT		C	2'	T1F OL	-2.10	-10.20			
61	217+07.71	46.0 LT		A	4'	T20 F&G	-2.96			-8.76	
62	217+07.93	24.0 RT		A	4'	T20 F&G	-3.20	-9.03		-9.03	
63	217+07.93	41.3 RT	A		4'	T1F CL	3.35	-9.10			-14.76
64	216+57.97	41.3 RT	A		5'	T1F CL	3.23	-16.96	-14.96		-16.46
65	NOT USED	-		-	-	-	-	-	-	-	-
66	219+23.70	46.0 LT		A	4'	T20 F&G	-2.08	-7.05		-7.05	
67	219+29.73	22.6 RT		A	4'	T20 F&G	-2.01	-7.32		-7.32	
68	219+29.47	34.0 RT	A		5'	T1F CL	2.17	-7.36	-7.36		-3.95
69	220+91.71	46.0 LT		A	4'	T20 F&G	-1.20			-6.78	
610	220+92.95	26.7 RT		A	4'	T20 F&G	-1.24	-7.07		-7.07	

**STORM SEWER SCHEDULE**

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE %	T.B. (CU.YD)
21	193+29.56	193+40.04	2	15	7	0.44	2.3
22	194+28.13	194+28.25	2	12	3	0.44	0.9
23	196+22.11	196+29.24	2	12	6	0.44	1.7
24	193+50.04	194+28.25	2	15	75	0.44	16.1
25	193+40.04	193+50.04	2	15	6	0.44	2.0
26	193+50.00	193+50.04	2	12	4	0.44	1.2
31	199+64.09	199+64.11	2	12	56	0.44	16.2
32	199+64.11	199+57.51	2	12	6	0.44	1.7
33	200+57.92	199+64.11	2	12	90	0.44	26.0
34	200+99.54	201+09.83	2	12	54	0.44	15.6
35	NOT USED	-	-	-	-	-	-
36	201+50.00	201+09.83	2	12	37	0.44	10.7
37	202+58.64	202+53.40	2	12	49	0.44	14.5
38	NOT USED	-	-	-	-	-	-
39	202+00.00	202+53.40	2	12	50	0.44	14.5
41	203+92.02	203+92.15	2	12	61	0.44	17.6
42	204+75.16	204+75.32	2	12	12	0.44	0.9
43	205+58.16	205+58.32	2	12	13	0.44	0.9
44	206+42.02	206+42.16	2	12	64	0.44	18.5
45	206+42.16	206+42.50	2	12	13	0.44	1.7
46	208+33.71	208+10.74	2	12	62	0.44	17.9
47	208+10.74	208+10.42	2	12	9	0.44	1.2
48	208+17.35	208+33.71	2	12	16	0.44	4.6
49	206+22.98	206+22.98	2	12	5	0.44	1.4
51	209+93.88	209+93.88	2	12	62	0.44	17.9
52	209+93.88	209+93.88	2	12	8	0.44	1.2
53	209+93.88	212+23.98	3	15	226	0.40	0
54	212+23.93	212+23.97	2	12	62	0.44	17.9
55	212+23.97	212+23.98	2	12	8	0.44	1.2
56	212+23.98	213+58.53	3	18	130	0.30	0
57	213+58.54	213+58.53	2	12	62	0.44	17.9
58	213+58.53	213+58.53	2	12	8	0.44	1.2
59	213+58.53	214+81.28	3	24	118	0.20	0
510	214+51.39	214+71.28	2	12	20	0.44	5.8
511	214+71.28	214+81.28	2	15	6	0.44	2.0
512	214+91.28	214+81.28	2	15	6	0.44	2.0
513	214+81.28	214+81.28	2	15	62	0.44	20.4
514	213+48.62	213+58.54	2	12	11	0.44	3.2
515	NOT USED	-	-	-	-	-	-
516	214+71.28	214+81.28	2	15	6	0.44	2.0
517	214+91.28	214+81.28	2	15	6	0.44	2.0
518	214+81.28	214+81.28	2	15	9	0.44	1.3
519	214+81.28	216+57.97	4	30	172	0.20	0
520	214+71.28	214+71.28	2	12	4	0.44	1.2
61	217+07.71	217+07.93	2	12	62	0.44	17.9
62	217+07.93	217+07.93	2	12	16	0.44	1.2
63	217+07.93	216+57.97	4	12	45	0.45	0
64	NOT USED	-	-	-	-	-	-
65	219+16.55	219+23.70	2	12	9	0.44	2.6
66	219+23.70	219+29.73	2	12	61	0.44	17.6
67	219+29.73	219+29.47	2	12	10	0.44	1.4
68	219+29.47	220+92.70	2	15	159	0.30	0
69	220+91.71	220+92.95	2	12	65	0.44	18.8
610	220+92.95	220+92.70	2	12	9	0.44	1.2

**NOTES:**

- INDICATES INLET TYPE A, 2' DIAMETER, TYPE 20 FRAME & GRATE.
- INDICATES MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.
- INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES SEWER LATERAL WITH 30° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES SEWER LATERAL WITH 60° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES MANHOLE TYPE A WITH FLAT SLAB TOP, IDOT STANDARD 602601.
- INDICATES CATCH BASIN REQUIRING TEMPORARY SOIL RETENTION SYSTEM WITH INSTALLATION.
- ALL STRUCTURE ELEVATIONS IN RESURFACED AREAS COME FROM AERIAL SURVEY AND SHOULD BE VERIFIED IN THE FIELD AND ADJUSTED TO MATCH EXISTING CONDITIONS.

**CASING SIZES**

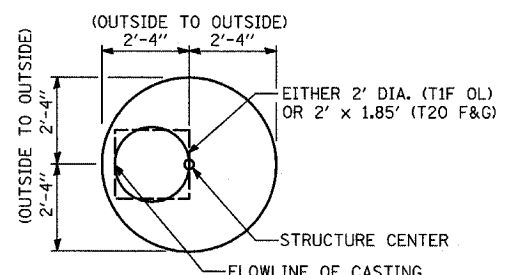
PIPE SIZE	CASING SIZE (OD)*	CASING WALL THICKNESS
12"	30"	0.500"
24"	42"	0.625"
30"	48"	0.688"
36"	48"	0.688"

\*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B.  
SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.

CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.

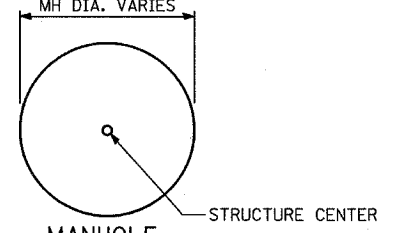
CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASTING. (SEE BELOW)

FLOWLINE OF CASTING IS LOCATED AT C OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.



**CATCH BASIN**  
(PRECAST REINFORCED CONCRETE SECTION)

MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. (SEE BELOW)



**MANHOLE**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

**DRAINAGE STRUCTURE SCHEDULE**

SCALE: NONE  
DATE: MARCH 7, 2006  
DRAWN BY: RD  
CHECKED BY: DA

