

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							
6111	120+34.59	27.6 RT		C	2'	T1F OL	-0.10				-7.33
71	123+31.04	57.2 LT	A		5'	T1F CL	1.95		-9.58	-6.08	-9.07
72	125+86.73	58.6 LT	A		5'	T1F CL	3.20	-3.30 (E)	-10.19	-3.85	-9.94
73	127+21.28	57.9 LT	A		5'	T1F CL	4.05		-10.35		-10.35
74	123+42.35	22.9 RT		A	4'	T20 F&G	3.17	-5.50	-5.50		
75	123+42.94	48.0 LT		A	4'	T20 F&G	0.07	-6.03		-5.78	
76	125+85.73	26.1 RT		A	4'	T20 F&G	5.30	-3.52			
77	125+86.73	48.0 LT		A	4'	T20 F&G	2.02	-3.81		-3.81	
78	125+98.12	51.6 LT		C	2'	T1F OL	2.30				-3.27
79	123+57.84	28.6 RT		C	2'	T1F OL	3.08				-5.43
91	128+55.33	58.6 LT	A		6'	T1F CL	4.70		-2.65	-10.51	-10.51
92	132+13.35	57.2 LT	A		5'	T1F CL	3.95		-6.35	-3.71	-6.35
93	129+40.68	48.0 LT		A	4'	T20 F&G	3.53	-2.30			-2.30
94	341+60.13	25.7 LT		A	4'	T20 F&G	5.15	-2.50			
95	131+09.39	42.7 LT		A	4'	T20 F&G	2.95	-3.15		-2.90	
96	132+13.61	10.0 RT		A	4'	T20 F&G	4.45	-3.45			
97	132+13.62	47.6 LT		A	4'	T20 F&G	2.16	-3.67		-3.67	
98	406+30.19	44.6 RT	A		6'	T1F CL	7.70	-10.58			-10.58
99	128+45.64	105.8 RT	DROP		7'	T1F CL	4.62	-10.72	-14.72	-10.72	
910	128+64.53	107.5 RT	DROP		7'	T1F CL	4.68	-18.74			-14.74
911	128+67.20	94.7 RT	A(2)		6'	T1F CL	5.40	-18.75		-18.75	
912	128+69.90	82.3 RT	DROP		8'	T1F CL	6.01	-24.99		-18.76	
913	406+19.68	44.6 RT	PLUG						-10.57		
914	132+81.90	48.0 LT		A	4'	T20 F&G	1.78	-4.05			
915	131+51.39	54.8 LT	A(2)		6'	T1F CL	6.91	-6.52		-6.52	
916	129+50.00	51.4 LT		C	2'	T1F OL	3.67			-2.26	
111	136+44.35	54.5 LT	A(6)		5'	T1F CL	1.85	-3.65	-3.65	-3.86	
112	135+00.49	56.1 LT	A(6)		4'	T1F CL	1.13	-4.40	-4.40	-4.40	
113	133+51.32	56.8 LT	A(6)		5'	T1F CL	1.39	-4.96	-4.77	-5.96	
114	134+31.09	10.0 RT		A	4'	T20 F&G	3.66				-3.86
115	134+21.13	10.0 RT		A	4'	T20 F&G	3.66	-3.89	-3.89	-3.89	
116	134+11.17	10.0 RT		A	4'	T20 F&G	3.66		-3.86		
117	NOT USED	-	-	-	-	-	-	-	-	-	-
118	NOT USED	-	-	-	-	-	-	-	-	-	-
119	134+21.75	48.0 LT		A	4'	T20 F&G	1.27	-4.36	-4.11	-4.11	-4.11
1110	134+32.00	48.0 LT		A	4'	T20 F&G	1.27	-4.08			-4.08
1111	134+11.50	48.0 LT		A	4'	T20 F&G	1.27		-4.08		
1112	135+00.52	10.0 RT		A	4'	T20 F&G	3.79	-4.15			
1113	135+00.52	48.0 LT		A	4'	T20 F&G	1.46	-4.37		-4.37	
1114	136+50.68	10.0 RT		A	4'	T20 F&G	4.54	-3.40			
1115	136+50.68	48.0 LT		A	4'	T20 F&G	2.21			-3.62	-3.62
1116	138+00.01	10.0 RT		A	4'	T20 F&G	5.28	-2.66		-2.66	
1117	138+00.01	48.0 LT		A	4'	T20 F&G	2.95	-2.88		-2.88	
1118	133+51.40	48.0 LT		A	4'	T20 F&G	1.42				-4.74
1119	134+29.33	54.3 LT		C	2'	T1F OL	0.70			-4.05	
1120	134+21.79	57.9 LT	A(6)		5'	T1F CL	1.38	-4.69	-4.40	-4.70	
1121	136+55.15	55.1 LT		C	2'	T1F OL	1.90				-3.62
121	139+49.73	10.0 RT		A	4'	T20 F&G	5.76				-2.18
122	139+51.19	48.0 LT		A	4'	T20 F&G	3.43	-2.40	-2.40		
123	142+05.53	10.0 RT		A	4'	T20 F&G	4.76		-2.46		-2.46
124	138+15.00	20.6 RT		C	2'	T1F OL	4.04				-2.59
125	142+22.00	23.6 RT		C	2'	T1F OL	2.98				-2.37
126	140+51.42	51.6 LT		C	2'	T1F OL	3.38	-1.47			
141	146+73.32	55.5 LT	A(6)		5'	T1F CL	0.26	-11.88	-3.61	-12.38	
142	146+30.95	10.0 RT		A	4'	T20 F&G	2.54				-3.29
143	1168+71.92	34.0 RT		A(7)	4'	T20 F&G	1.27				-4.09

STORM SEWER SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE %	T.B. (CU.YD)
612	121+92.37	121+92.35	2	12	63	0.44	16.9
613	121+92.35	121+92.51	2	15	7	0.44	0.6
614	120+29.65	120+20.42	2	12	8	0.44	0.0
6111	120+34.59	120+20.42	2	12	14	0.44	4.4
6112	117+26.88	117+32.86	2	12	8	0.44	0.3
71	123+31.04	125+86.73	3	27	243	0.15	0.0
72	125+86.73	127+21.28	3	30	126	0.13	0.0
73	127+21.28	128+55.33	3	30	125	0.13	0.0
74	123+42.35	123+42.94	2	12	63	0.44	18.8
75	123+42.94	123+31.04	2	15	12	0.44	1.7
76	125+85.73	125+86.73	2	12	67	0.44	20.8
77	125+86.73	125+86.73	2	12	9	0.44	0.6
78	125+98.12	125+86.73	2	12	10	0.44	0.0
79	123+57.84	123+42.35	2	12	15	0.44	10.4
91	128+55.33	128+45.64	JIP	30	159	0.13	0.0
92	132+13.35	131+51.39	3	24	55	0.30	0.0
93	129+40.68	128+55.33	2	12	79	0.44	7.8
94	341+60.13	131+09.39	2	12	90	0.44	22.3
95	131+09.39	131+37.00	2	15	25	0.44	10.9
96	132+13.61	132+13.62	2	12	50	0.44	12.9
97	132+13.62	132+13.35	2	12	8	0.44	2.0
98	406+30.19	128+45.64	JIP	30	106	0.13	0.0
99	128+45.64	128+64.53	4	42	13	0.13	0.0
910	128+64.53	128+67.20	5	42	7	0.14	0.0
911	128+67.20	128+69.90	5	42	8	0.13	0.0
912	128+69.90	128+72.70	6	42	6	0.17	0.0
913	406+19.69	406+30.19	3	30	8	0.13	0.0
914	132+81.90	132+81.94	2	12	11	0.44(4)	0.6
915	131+51.39	131+37.00	3	24	8	0.30	0.0
916	129+50.00	129+40.68	2	12	8	0.44	0.6
111	136+44.35	135+00.49	2	18	136	0.40	0.0
112	135+00.49	134+21.79	2	18	72	0.40	0.0
113	133+51.32	132+13.35	2	24	129	0.30	0.0
114	134+31.09	134+21.13	2	15	6	0.44	2.0
115	134+21.13	134+21.75	2	15	50	0.44	10.7
116	134+11.17	134+21.13	2	15	6	0.44	2.0
117	NOT USED	-	-	-	-	-	-
118	NOT USED	-	-	-	-	-	-
119	134+21.75	134+21.79	2	18	8	0.44	0.0
1110	134+32.00	134+21.75	2	15	6	0.44	0.5
1111	134+11.50	134+21.75	2	15	6	0.44	0.5
1112	135+00.52	135+00.52	2	12	50	0.44	12.9
1113	135+00.52	135+00.49	2	12	7	0.44	0.4
1114	136+50.68	136+50.68	2	12	50	0.44	12.9
1115	136+50.68	134+11.50	2	12	7	0.44	0.6
1116	138+00.01	138+00.01	2	12	50	0.44	12.9
1117	138+00.01	137+83.89	2	12	13	0.44	1.8
1118	133+51.40	133+51.32	2	12	7	0.44	0.9
1119	134+29.33	134+32.00	2	12	6	0.44	0.0
1120	134+21.79	133+51.32	2	18	64	0.40	0.0
1121	136+55.15	136+44.35	2	12	7	0.44	0.0
121	139+49.73	139+51.19	2	12	50	0.44	12.9
122	139+51.19	139+85.08	2	12	30	0.44	4.7
123	142+05.53	142+08.33	2	12	43	0.44	8.3
124	138+15.00	138+00.01	2	12	17	0.44	3.0
125	142+22.00	142+05.53	2	12	20	0.44	1.6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	349

STA. 88+60 (SB I-57) TO STA. 1126+91 (SB FORD) TO STA. 1313+00 (SB RYAN)  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT  
 \* (1516.1, 1717, & 1818) R-5

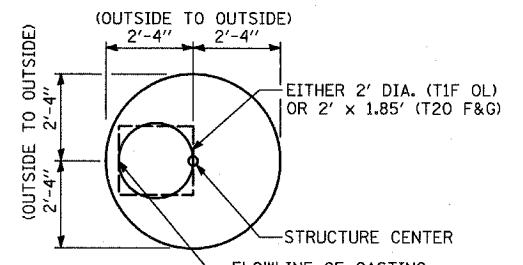
NOTES:

- 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"

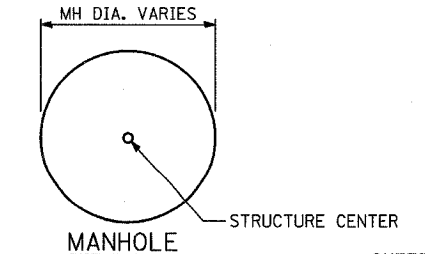
\*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B.  
 SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.  
 CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.  
 CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASTING. (SEE BELOW)  
 FLOWLINE OF CASTING IS LOCATED AT 1/4 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 1, 2006  
 DRAWN BY: RD  
 CHECKED BY: DA

TYLIN INTERNATIONAL