

SCHEDULE OF DIMENSIONS & ELEVATIONS FOR TYPE B & C MANHOLE

P.I. STATION ON SEWER	MANHOLE STATION OF CONSTRUCTION SOUTH EXPRESSWAY	TYPE MANHOLE	SIZE OF MAIN DRAIN	NUMBER OF PIPES ENTERING JUNCTION CHAMBER	DIMENSIONS											ELEVATIONS									
					SIZE OF DROP PIPE	PIPE SIZE AT JUNCTION CHAMBER				DISTANCES (FEET)															
						A NORTH	B WEST	C SOUTH	D EAST	E	F	G	H	I	1	2	3	4	5	6	7	8	9		
8+80.00	8+80	B24S	7'-2 3/8" x 8'-0"	2	24"		30"		24"		28.89	20.88	37.82			+2.31	-2.06	-	-6.56	-8.31	-35.68	-36.62	-36.68	-36.68	-5.81
14+52.00	14+52	B36S	7'-2 3/8" x 8'-0"	3	36"		36"	24"	24"		22.18	17.13	36.69			-1.35	-4.31	-8.61	-9.31	-8.61	-36.60	-37.44	-41.90	-7.81	
22+55.99	22+58	B24W	7'-2 3/8" x 8'-0"	3	24"	24"	18"		24"		26.66	20.68	37.69			+1.03	-3.06	-7.31	-7.06	-7.31	-36.66	-38.09	-40.66	-6.31	
27+87.10	27+80	B36S	7'-2 3/8" x 8'-0"	3	36"		36"	30"	24"		21.79	16.76	36.82			-2.46	-5.78	-10.48	-10.73	-10.23	-37.35	-38.49	-42.26	-9.23	
32+84.18	32+83	C	7'-2 3/8" x 8'-0"													+6.49									
37+74.85	37+75	B36S	7'-2 3/8" x 8'-0"	3	36"		30"	18"	30"		23.05	18.03	37.89			-2.47	-5.27	-8.52	-10.02	-10.02	-36.16	-38.20	-43.16	-6.77	
42+32.35	42+33	B24S	7'-2 3/8" x 8'-0"	3	24"		30"	18"	30"		27.65	21.63	36.69			+0.84	-3.54	-7.21	-8.04	-8.04	-38.63	-39.67	-42.53	-6.79	
50+26.35	50+27	B24W	7'-2 3/8" x 8'-0"	3	24"	24"	30"		30"		27.88	21.65	36.61			-1.01	-4.15	-8.40	-8.55	-8.65	-39.16	-40.30	-43.16	-7.40	
55+12.35	55+13	B24S	7'-2 3/8" x 8'-0"	3	24"		30"	10"	30"		29.55	23.52	40.66			+1.20	-2.67	-8.39	-7.17	-7.17	-39.55	-40.66	-43.55	-8.62	
59+09.35	59+00	C	8'-1 3/8" x 8'-0"													+3.32									
65+84.85	65+85	B36W	8'-1 3/8" x 8'-0"	3	36"	15"	36"		36"		25.30	19.19	40.13			-0.83	-5.47	-8.69	-10.47	-10.47	-40.80	-41.82	-45.80	-6.97	
71+18.35	71+20	B24S	8'-1 3/8" x 8'-0"	3	24"		24"	10"	24"		30.17	23.05	41.69			-0.55	-3.44	-7.11	-7.69	-7.69	-40.64	-42.16	-44.84	-6.69	
75+09.43	76+00	B24S	8'-1 3/8" x 8'-0"	3	24"		24"	10"	24"		30.58	23.45	41.69			+1.19	-3.33	-7.00	-7.58	-7.58	-41.22	-42.44	-45.22	-6.58	
81+46.32	81+40	B24S	8'-1 3/8" x 8'-0"	3	24"		30"	10"	30"		28.33	21.22	39.66			-2.45	-5.89	-9.66	-10.39	-10.69	-41.65	-42.77	-45.55	-9.14	
87+45.32	87+45	B24W	8'-1 3/8" x 8'-0"	2	24"	18"	30"		30"		34.06	26.85	45.39			+5.54	-0.52	-4.52	-5.62	-5.62	-41.61	-43.13	-45.91	-5.77	
94+90.32	94+90	B24S	8'-1 3/8" x 8'-0"	2	24"		24"	10"	15"		40.80	38.49	51.53			+8.68	+5.57	+1.00	+1.32	+1.62	-42.36	-43.58	-45.36	+2.32	
99+30.32	99+90	B36S	8'-1 3/8" x 8'-0"	2	36"		24"	10"	24"		22.02	25.61	48.85			+1.87	-0.81	-4.73	-5.91	-5.31	-42.66	-43.88	-47.66	-4.31	
105+17.35	105+25	B36S	8'-1 3/8" x 8'-0"	3	36"		24"	48"	36"		23.56	17.75	38.69			-4.23	-8.29	-14.79	-15.79	-14.39	-42.88	-44.20	-47.88	-12.79	
111+01.60	111+20	B24S	8'-5 3/8" x 10'-8"	3	24"		24"	30"	18"		30.25	21.67	41.66			+1.56	-9.33	-10.63	-10.59	-10.33	-43.91	-45.25	-47.91	-9.56	
117+80.61	117+72	B36S	8'-5 3/8" x 10'-8"	3	36"		18"	36"	36"		34.61	27.09	49.44			+7.40	+0.21	-4.79	-4.04	-4.79	-44.23	-45.57	-48.23	-3.29	
125+61.61	125+70	B24W	8'-5 3/8" x 10'-8"	2	24"		30"		18"		38.34	29.76	49.67			+4.34	+1.04	-	-3.46	-2.66	-44.63	-45.97	-48.63	-2.21	
132+59.61	132+68	B36S	8'-5 3/8" x 10'-8"	3	36"		42"	18"	42"		27.14	19.56	41.97			-4.57	-8.01	-12.26	-12.26	-12.26	-44.99	-46.32	-48.98	-11.51	
137+24.61	137+33	B24S	8'-5 3/8" x 10'-8"	3	24"		24"	15"	18"		23.40	24.62	44.73			-0.89	-4.48	-8.14	-8.73	-8.48	-45.21	-46.55	-49.21	-7.73	
142+09.61	142+18	B24W	8'-5 3/8" x 10'-8"	3	24"	15"	30"		30"		32.57	23.99	43.90			-3.42	-5.55	-9.43	-10.05	-10.05	-46.43	-47.79	-49.48	-6.80	
145+39.61	145+47	B36S	8'-5 3/8" x 10'-8"	2	36"		36"		36"		29.51	20.93	43.34			-4.16	-7.27	-	-12.27	-12.27	-45.61	-46.95	-50.61	-10.77	
152+11.61	152+20	B36S	8'-5 3/8" x 10'-8"	3	36"		36"	24"	24"		32.41	24.82	47.24			+3.58	-3.73	-8.23	-8.73	-8.23	-45.95	-47.30	-50.95	-7.23	
158+01.61	158+00	B24S	8'-5 3/8" x 10'-8"	3	24"		30"	15"	30"		29.64	21.66	40.67			-8.16	-8.33	-13.20	-12.63	+13.63	-46.30	-47.64	-50.30	-12.58	

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FOR INFORMATION ONLY

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
JUNCTION CHAMBERS  
EXISTING DROP MANHOLE PLANS  
SCALE: NTS  
DATE: 07/07/05  
DRAWN BY: BDC  
CHECKED BY: BLU

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