



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DRAWN BY: AJS  
CHECKED BY: GLJ  
DESIGNED BY: CES  
CITY SECTION  
95-00305-01-PV

Philo Road Improvements  
Drainage Structure Schedule  
Sta 433+00 to Sta 448+00

SHEET NO.  
11  
OF  
62

# DRAINAGE STRUCTURE SCHEDULE

PLAN & PROFILE SHEET - STA. 433+00 TO STA. 438+00

STORM SEWER STRUCTURE SCHEDULE													
STR. NO.	STRUCTURE TYPE	OFF-SET SIDE	STA. OF C/L 2 FT. OPENING	OFFSET OF C/L 2 FT. OPENING	STA. OF C/L STR.	OFFSET OF C/L STR.	EX. T/O FRAME/GRATE ELEV.	PR. T/O FRAME/GRATE ELEV.	PR. T/O FLAT SLAB TOP ELEV.	INVERT IN ELEV.	U.S. STR. NO.	INVERT OUT ELEV.	D.S. STR. NO.
103	REMOVE INLET	LT	433+29.00	26.18	E	E	747.06	-----	-----	740.01	105	740.01	99
* 104	RD MAN 5 DIA TIF CL	LT	433+22.97	24.68	433+22.97	26.18	-----	748.63	747.63	740.01	105	740.01	99
* 105	RD MAN 5 DIA T8G	LT	434+33.00	28.66	433+33.00	33.00	-----	748.10	747.10	740.41	112	740.41	103
										744.20	106		
106	RD INLET TB T3 F8G	LT	434+41.68	21.56	434+41.68	22.06	-----	748.58	747.58	744.43	107	744.23	105
107	INLETS TA T3 F8G	LT	434+52.00	21.56	434+52.00	21.56	-----	748.58	-----	-----	---	744.47	106
108	INLETS TA T3 F8G	RT	434+41.68	15.56	434+41.68	15.56	-----	748.60	-----	-----	---	744.24	109
109	RD INLET TB T3 F8G	RT	434+52.00	15.56	434+52.00	16.06	-----	748.61	747.61	744.16	108	743.96	110
110	RD INLET TB T8G	RT	434+86.30	23.20	434+86.30	23.72	-----	747.80	748.80	743.63	109	742.39	E
111	REMOVE INLET	RT	434+86.95	26.68	E	E	747.47	-----	-----	-----	---	742.37	E
112	MAN ADJUST	LT	435+27.02	28.70	E	E	747.70	748.65	-----	740.75	113	740.75	105
113	INLETS ADJ NEW T8G	LT	436+33.00	33.00	E	E	747.43	748.60	-----	741.42	120	741.42	112
114	INLETS TA TIF OL	RT	436+78.00	27.60	436+78.00	27.60	-----	748.10	-----	-----	---	743.94	115
115	RD INLET TB T3 F8G	RT	437+24.00	15.56	437+24.00	16.06	-----	748.33	747.33	743.49	114	743.29	116
116	RD MAN 4 DIA T3 F8G	RT	437+34.00	15.56	437+34.00	16.56	-----	748.33	747.33	743.25	115	742.95	119
										744.87	117		
117	INLET TA T8G	RT	437+48.00	24.00	437+48.00	24.00	-----	747.50	-----	-----	---	745.00	116
118	INLETS TA T3 F8G	LT	437+24.00	21.56	437+24.00	21.56	-----	748.32	-----	-----	---	744.21	119
119	RD MAN 4 DIA T3 F8G	LT	437+34.00	21.56	437+34.00	22.56	-----	748.32	747.32	742.77	116	742.47	120
										744.18	118		
* 120	RD MAN 5 DIA T8G	LT	437+34.00	32.48	437+34.00	30.98	-----	748.30	747.30	741.44	125	741.44	113
										742.45	119		

E= EXISTING  
\* = BUILD MANHOLE OVER EXISTING STORM SEWER, MANHOLE INVERT IS ESTIMATED, FIELD VERIFY

PLAN & PROFILE SHEET - STA. 438+00 TO STA. 443+00

STORM SEWER STRUCTURE SCHEDULE													
STR. NO.	STRUCTURE TYPE	OFF-SET SIDE	STA. OF C/L 2 FT. OPENING	OFFSET OF C/L 2 FT. OPENING	STA. OF C/L STR.	OFFSET OF C/L STR.	EX. T/O FRAME/GRATE ELEV.	PR. T/O FRAME/GRATE ELEV.	PR. T/O FLAT SLAB TOP ELEV.	INVERT IN ELEV.	U.S. STR. NO.	INVERT OUT ELEV.	D.S. STR. NO.
121	NO WORK REQUIRED	RT	438+15.00	33.00	E	E	749.20	-----	-----	742.37	E	742.36	133
122	INLETS TA T8G	RT	439+32.00	24.00	439+32.00	24.00	-----	747.35	-----	-----	---	744.33	123
123	RD INLET TB T3 F8G	RT	439+32.00	15.56	439+32.00	16.05	-----	748.21	747.21	744.30	122	744.20	124
124	RD INLET TB T3 F8G	LT	439+32.00	21.56	439+32.00	22.06	-----	748.19	747.19	744.02	123	743.92	125
* 125	MAN RECON NEW T8G	LT	439+32.00	28.50	E	E	747.12	747.91	746.91	742.63	127	741.86	120
										743.90	124		
										742.48	NW		
										742.63	126		
126	REMOVE INLET	LT	440+32.00	25.00	E	E	747.06	-----	-----	744.46	128	744.08	125
127	RD INLET TB T1 OL	LT	440+50.00	26.50	440+50.00	27.00	-----	748.13	747.13	743.87	129	743.67	125
128	NOT USED												
† 129	INLET ADJ NEW T3 F8G	LT	440+79.20	21.50	E	E	747.06	747.53	-----	744.26	BC	744.16	127
										744.46	130		
130	INLETS TA T3 F8G	LT	440+92.81	21.56	440+92.81	21.56	-----	747.52	-----	-----	---	744.52	129
** 131	INLETS SPL T3 F8G	RT	440+79.01	18.84	440+79.01	18.90	-----	747.48	-----	744.54	132	744.34	BC
132	INLETS TA T3 F8G	RT	440+92.82	19.24	440+92.82	19.24	-----	747.47	-----	-----	---	744.60	131
133	NO WORK REQUIRED	RT	441+16.41	35.57	E	E	746.15	-----	-----	740.78	121	740.76	134
134	MAN ADJ NEW TIS LID	RT	441+64.91	52.66	E	E	745.13	-----	-----	740.36	133	731.44	E
										731.46	W		
										732.95	SW		
135	REMOVE INLET	LT	441+37.00	28.00	E	E	746.77	-----	-----	-----	---	744.07	137
** 136	INLETS TA T3 F8G	LT	441+36.96	32.15	441+36.96	32.15	-----	747.18	-----	-----	---	743.74	137
137	NO WORK REQUIRED	LT	441+37.00	44.50	E	E	747.48	-----	-----	742.78	136	740.68	W
										740.32	NE		
										740.98	NE		
138	REMOVE INLET	LT	441+80.00	26.50	E	E	746.84	-----	-----	-----	---	744.34	W
** 139	INLETS TA T3 F8G	LT	441+80.00	42.19	441+80.00	42.19	-----	747.13	-----	-----	---	744.30	W
140	REMOVE INLET	LT	442+22.87	21.25	E	E	747.10	-----	-----	-----	---	745.20	142
141	INLETS TA T3 F8G	LT	442+27.09	24.77	442+27.09	24.77	-----	747.84	-----	-----	---	745.20	142
142	INLETS ADJ NEW T8G	LT	442+33.00	29.00	E	E	747.57	747.70	-----	745.23	141	744.98	145

E= EXISTING  
\* REBUILD TOP OF 5' DIA MH WITH NEW FLAT SLAP TOP AND ADJUSTING RINGS.  
BC = BOX CULVERT  
\*\* SEE DETAIL SHEET  
\*\*\* BUILD INLET OVER EXISTING STORM SEWER. INLET INVERT IS ESTIMATED, FIELD VERIFY.  
† = CONNECT PROPOSED PIPES TO EXISTING INLET.

PLAN & PROFILE SHEET - STA. 443+00 TO STA. 448+00

STORM SEWER STRUCTURE SCHEDULE													
STR. NO.	STRUCTURE TYPE	OFF-SET SIDE	STA. OF C/L 2 FT. OPENING	OFFSET OF C/L 2 FT. OPENING	STA. OF C/L STR.	OFFSET OF C/L STR.	EX. T/O FRAME/GRATE ELEV.	PR. T/O FRAME/GRATE ELEV.	PR. T/O FLAT SLAB TOP ELEV.	INVERT IN ELEV.	U.S. STR. NO.	INVERT OUT ELEV.	D.S. STR. NO.
143	REMOVE INLET	LT	443+61.02	24.34	E	E	747.15	-----	-----	-----	---	744.80	145
* 144	INLETS TA T3 F8G	LT	443+61.67	25.56	443+61.67	25.56	-----	747.58	-----	-----	---	744.80	145
145	NO WORK REQUIRED	LT	443+65.89	30.90	E	E	747.66	-----	-----	743.48	142	743.48	N
										744.84	144		
										744.56	W		
146	RD INLET TB T3 F8G	RT	444+43.34	28.76	444+43.09	29.19	-----	747.12	746.12	-----	---	743.41	147
147	REMOVE INLET	RT	444+59.03	29.02	E	E	745.68	-----	-----	-----	---	742.98	E

E= EXISTING  
\* BUILD INLET OVER EXISTING STORM SEWER. INLET INVERT IS ESTIMATED, FIELD VERIFY.