



CITY OF URBANA
PUBLIC WORKS
ENGINEERING DIVISION

DRAWN BY: AUS
CHECKED BY: GLJ
DESIGNED BY: CES
CITY SECTION
95-00305-01-1-PV

Philo Road Improvements
Drainage Structure Schedule
Sta 408+00 to Sta 423+00

SHEET NO
9
OF
62

DRAINAGE STRUCTURE SCHEDULE

PLAN & PROFILE SHEET - STA. 408+00 TO STA. 413+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.
1	PIPE CONNECTION	RT	-----	-----	409+13.00	23.00	752.60	-----	-----	745.25	NW	744.98	S
										745.45	W		
										747.11	2		
2	RD INLET TB T3 F8G	RT	409+50.00	15.56	409+50.00	16.06	-----	753.24	752.24	747.50	4	747.30	1
3	INLETS TA T1F CL	LT	410+29.24	26.40	410+29.24	26.40	-----	753.10	-----	750.75	E	750.75	E
4	RD INLET TB T3 F8G	RT	410+63.00	15.56	410+63.00	16.06	-----	753.20	752.20	748.15	5	748.05	2
5	RD INLET TB T3 F8G	RT	410+73.00	15.56	410+73.00	16.06	-----	753.19	752.19	748.38	6	748.18	4
6	RD INLET TB T3 F8G	LT	410+73.00	21.56	410+73.00	22.06	-----	753.17	752.17	748.77	7	748.57	5
7	RD INLET TB T3 F8G	LT	410+83.00	21.56	410+83.00	22.06	-----	753.18	752.18	749.00	8	748.80	6
8	INLETS TA T8G	LT	411+33.00	32.10	411+33.00	32.10	-----	751.45	-----	-----	D	749.37	7
9	INLETS TA T8G	RT	412+85.00	27.50	412+85.00	27.50	-----	751.40	-----	-----	D	749.32	12

E=EXISTING
D=DITCH

PLAN & PROFILE SHEET - STA. 418+00 TO STA. 423+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.
* 27	MANHOLE ADJUST	LT	110+75.00	14.48	E	E	749.73	749.65	E	741.35	30	741.33	26
28	RD INLET TY B T3 F8G	LT	418+19.0	21.56	418+19.00	22.06	-----	751.43	750.43	747.52	29	747.32	24
29	INLETS TA T1F OL	LT	418+24.00	26.08	418+24.00	26.08	-----	751.14	-----	-----	-----	747.60	28
30	NO WORK REQUIRED	RT	418+78.80	29.60	E	E	749.95	-----	-----	741.66	31	741.62	27
** 31	RD MAN 4 DIA T8G	RT	419+44.90	30.90	419+44.90	29.90	-----	749.90	748.90	741.84	38	741.84	30
										746.26	32		
32	INLETS TA T3 F8G	RT	419+45.00	15.56	419+45	15.56	-----	750.52	-----	-----	-----	746.41	31
*** 33	MAN RECON NEW T3 F8G	LT	419+39.26	24.24	E	E	749.54	750.35	749.35	741.04	E	741.05	36
										746.90	34		
34	RD INLET TYB T3 F8G	RT	119+54.12	15.16	119+53.99	15.64	-----	749.82	748.82	747.23	35	747.03	33
35	INLETS TA T3 F8G	LT	119+53.94	16.78	119+53.94	16.78	-----	749.83	-----	-----	-----	747.38	34
36	INLETS TA T3 F8G	LT	420+75.00	21.56	420+75.00	21.56	-----	749.71	-----	-----	-----	745.60	37
** 37	RD MAN 5 DIA T1F CL	LT	420+79.45	23.94	420+79.45	25.33	-----	750.16	749.16	740.46	33	740.46	42
										745.56	36		
38	NO WORK REQUIRED	RT	420+99.02	30.56	E	E	750.57	-----	-----	742.37	43	742.27	31
39	REMOVE INLETS	RT	420+99.68	19.62	E	E	748.38	-----	-----	-----	-----	746.36	38
40	INLETS TA T3 F8G	RT	420+99.90	15.56	420+99.90	15.56	-----	749.63	-----	-----	-----	746.40	38
41	INLETS TA T3 F8G	LT	421+50.00	21.56	421+50.00	21.56	-----	749.40	-----	-----	-----	E	E
** 42	RD MAN 5 DIA T1F CL	LT	421+54.63	24.12	421+54.06	25.51	-----	749.84	749.84	740.15	37	740.15	46
										745.23	41		
** 43	RD MAN 4 DIA T1F CL	RT	422+30.12	30.32	422+30.12	29.32	-----	749.50	748.50	743.16	49	743.16	38
										744.87	44		
44	INLETS TA T3 F8G	RT	422+30.00	15.56	422+30	15.56	-----	749.09	-----	-----	-----	744.98	43
45	INLETS TA T3 F8G	LT	422+30.00	21.56	422+30.00	21.56	-----	749.07	-----	-----	-----	744.96	46
** 46	RD MAN 5 DIA T1F CL	LT	422+34.83	24.31	422+34.26	25.70	-----	749.52	748.52	739.81	42	739.81	48
										744.90	45		

*ROTATE EXISTING FLAT SLAB TOP TO ALIGN 2' OPENING WITH PROPOSED CC8G.
E= EXISTING
** BUILD MANHOLE OVER EXISTING STORM SEWER. MANHOLE INVERT IS ESTIMATED. FIELD VERIFY.
*** REBUILD TOP OF 5' DIA MH WITH NEW FLAT SLAP TOP AND ADJUSTING RINGS.

PLAN & PROFILE SHEET - STA. 413+00 TO STA. 418+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.
10	INLETS TA T3 F8G	RT	99+51.62	15.09	99+51.62	15.09	-----	752.59	-----	-----	---	748.48	11
11	RD INLET TB T3 F8G	LT	99+51.59	15.22	99+51.49	15.69	-----	752.65	751.65	748.34	10	748.14	12
12	RD MAN 4 DIA T3 F8G	RT	413+56.00	15.56	413+56.00	16.56	-----	753.27	752.27	747.83	11	747.53	14
										748.98	9		
13	INLETS TA T8G	RT	413+96.00	22.80	413+96.00	22.80	-----	752.25	-----	-----	D	750.17	14
14	RD MAN 4 DIA T3 F8G	RT	413+96.00	15.56	413+96.00	16.56	-----	753.22	752.22	747.35	12	747.05	17
										750.09	13		
										748.68	15		
15	RD INLET TB T3 F8G	LT	413+96.00	21.56	413+96.00	21.06	-----	753.20	752.20	749.05	16	748.85	14
16	INLETS TA T3 F8G	LT	414+06.00	21.56	414+06.00	21.56	-----	753.20	-----	-----	---	749.09	15
17	RD INLET TB T3 F8G	RT	414+06.00	15.56	414+06.00	16.06	-----	753.22	752.22	747.01	14	746.92	19
18	INLETS TA T8G	RT	416+00.00	23.10	416+00.00	23.10	-----	752.10	-----	-----	D	750.02	19
19	RD MAN 4 DIA T3 F8G	RT	416+00.00	15.56	416+00.00	16.56	-----	753.07	752.07	745.96	17	745.66	21
										749.94	18		
20	INLETS TA T3 F8G	LT	416+00.00	21.56	416+00.00	21.56	-----	753.05	-----	-----	---	748.94	22
21	RD INLET TB T3 F8G	RT	416+75.00	15.56	416+75.00	16.06	-----	752.52	751.52	745.30	19	745.20	23
22	RD INLET TB T3 F8G	LT	416+75.00	21.56	416+75.00	22.06	-----	752.50	751.50	748.39	20	748.29	24
23	RD MAN 4 DIA T3 F8G	RT	417+33.00	15.56	417+33.00	16.56	-----	752.09	751.09	744.93	21	744.63	25
										746.24	24		
24	RD MAN 4 DIA T3 F8G	LT	417+33.00	21.56	417+33.00	22.56	-----	752.07	751.07	747.88	22	746.60	23
										746.90	28		
25	RD INLET TB T8G	RT	417+53.00	28.00	417+53.34	27.64	-----	750.10	749.10	744.53	23	744.33	26
* 26	MAN ADJUST	RT	110+75.00	23.48	E	E	749.53	749.57	E	744.06	25	740.93	E
										740.94	E	27	

D=DITCH
*ROTATE EXISTING FLAT SLAB TOP TO ALIGN OPENING WITH PROP. CC8G.
E=EXISTING