DRAINAGE SCHEDULES FROM STA 75+50 TO STA 80+00

STORM SEWER STRUCTURE SCHEDULE											
STR. NO.	STRUCTURE TYPE	OFF-SET SIDE	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.
* 9	MAN RECON NEW T11V F&G	RT	75+97.1	28.29	730.33	731.75	----	724.33	E	724.28	11
10	RD MAN 5 DIA T11V F&G	LT	75+97.10	27.29	----	731.75	----	725.16	8	725.06	13
11	REMOVE INLET	RT	76+46.4	28.4	729.24	----	----	724.25	E	724.25	E
12	RD MAN 4 DIA T11V F&G	RT	76+83.00	29.79	----	730.69	----	723.88	9	723.78	21
13	RD MAN 5 DIA T11V F&G	LT	76+83.00	27.29	----	730.69	----	724.10	10	724.00	15
14	REMOVE INLET	RT	77+06.2	30.2	729.02	----	----	724.12	E	724.12	E
15	RD MAN 6 DIA T1F CL	LT	77+19.03	27.21	----	730.31	----	723.51	13	723.01	24
								723.11	16		
16	REMOVE INLET	LT	50+71.5	27.6	727.77	----	----	----	--	723.82	E
** 17	MAN ADJ NEW T11F&G	LT	50+78.60	27.79	727.64	728.33	----	723.65	W	723.45	15
								723.45	N		
								724.46	19		
*** 18	RD INLET TY B T11 F&G	LT	51+04.21	27.86	----	727.96	----	723.65	E	723.65	17
19a	REMOVE INLET	RT	50+78.7	13.8	----	727.86	----	722.92	W	723.77	EAST
										722.87	S
19	RD INLET TY B T11 F&G	RT	50+78.72	13.79	----	728.58	----	725.08	20	724.85	17
20	INLETS TA T11 F&G	RT	51+03.72	13.29	----	728.34	----	----	--	725.28	19
21	MAN ADJUST	RT	77+74.1	30.6	728.50	729.50	----	723.46	12	723.38	23
								723.65	E		
22	INLETS TA T8G	RT	79+15.00	48.96	----	726.15	----	----	--	726.15	23
23	RD MAN 5 DIA T11V F&G	RT	79+15.00	27.29	----	727.84	----	722.37	21	722.27	28
								722.97	22		
24	RD MAN 6 DIA T11V F&G	LT	79+15.00	26.79	----	727.84	----	721.53	15	721.43	29
								722.26	25		
25	INLETS TA T8G	LT	79+00.00	61.72	----	725.60	----	----	--	722.60	24

D=DITCH
E=EXISTING
*ROTATE EXISTING FLAT SLAB TOP TO ALIGN OPENING WITH PROP. CC&G. CENTER OF 2 FT. OPENING = STA. 75+97.10, 27.89 FT. RT.
BLOCKUP AND MORTAR HOLE FROM REMOVED 15 INCH PIPE.
**REMOVE DEBRIS FROM BOTTOM OF INLET.
***BUILD INLET OVER EXISTING STORM SEWER. MANHOLE INVERT IS ESTIMATED. FIELD VERIFY. CENTER OF 2 FT. OPENING = STA. 51+03.72, 27.79 FT. LT.

STORM SEWER PIPE SCHEDULE											
LOCATION STR. – STR. OR STA., O.S.	STORM SEW CL A 1 12 (FOOT)	STORM SEW CL A 1 15 (FOOT)	STORM SEW CL A 1 24 (FOOT)	STORM SEW CL A 1 30 (FOOT)	STORM SEW CL A 1 42 (FOOT)	STORM SEW CL A 2 21 (FOOT)	STORM SEW CL A 2 36 (FOOT)	SS1 WMQ 12 (FOOT)	GRADE %	TRENCH BACKFILL (CU YD)
9 – 12						81			0.50	31.0
12 – 21						87			0.37	61.7
21 – 23				136					0.74	17.8
22 – 23	19								1.00	2.2
23 – 28				174					0.62	8.2
10 – 13							82		1.18	18.2
13 – 15							31		1.61	7.5
15 – 17			47						0.73	35.2
17 – 19		39							1.00	8.7
19 – 20								23	1.00	3.9
15 – 24					190				0.78	48.8
24 – 25	34								1.00	5.1
24 – 29					173				0.88	52.2

DRAINAGE SCHEDULES FROM STA 80+00 TO STA 84+50

STORM SEWER STRUCTURE SCHEDULE											
STR. NO.	STRUCTURE TYPE	OFF-SET SIDE	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.
26	MAN ADJ NEW T1F CL	RT	80+19.2	41.1	724.84	726.30	----	719.43	SW	719.35	NE
27	INLETS TA T37M G	RT	80+93.71	43.29	----	725.61	----	----	--	722.61	28
28	RD MAN 5 DIA T11 F&G	RT	80+93.71	27.29	----	726.22	----	721.19	23	721.09	30
								722.49	27		
29	RD MAN 6 DIA T11 F&G	LT	80+93.71	26.79	----	726.22	----	719.91	24	719.81	31
30	RD MAN 6 DIA T11 F&G	RT	81+33.25	26.79	----	726.16	----	720.99	28	720.49	31
								721.20	35		
31	RD MAN 7 DIA T11 F&G	LT	81+33.25	31.29	----	726.16	----	719.71	29	719.61	33
								720.21	30		
32	REMOVE INLET	LT	81+38.1	21.8	721.83	----	----	----	--	719.59	E
* 32a	INLETS TA T37M G	LT	82+60.00	86.50	----	718.30	----	716.24	32	716.24	E
** 33	PRC FLAR END SEC 48	LT	81+96.03	67.09	----	----	----	----	--	719.40	D
	GRATING-C FL END S 48										
34	SAN MAN REC F&L	LT	81+60.6	28.8	722.27	726.22	----	711.70	S	711.58	NE
35	RD MAN 4 DIA T11 F&G	RT	82+17.00	29.79	----	726.42	----	721.54	36	721.44	30
36	RD MAN 4 DIA T11V F&G	RT	82+80.00	29.79	----	726.97	----	722.69	37	721.99	35
								722.19	38		
37	INLETS TA T11V F&G	LT	82+80.00	28.79	----	726.97	----	----	--	722.97	36
38	RD MAN 4 DIA T11V F&G	RT	83+70.00	29.79	----	728.37	----	723.99	39	723.39	36
								723.49	40		
39	INLETS TA T11V F&G	LT	83+70.00	28.79	----	728.27	----	----	--	724.27	38
40	RD MAN 4 DIA T11V F&G	RT	83+85.00	29.79	----	728.54	----	724.02	41	723.82	40

D=DITCH
E=EXISTING
*BUILD INLET OVER EXISTING STORM SEWER. INLET INVERT IS ESTIMATED. FIELD VERIFY.
**STATION, OFFSET AND INVERT TO END OF END SECTION.

STORM SEWER PIPE SCHEDULE											
LOCATION STR. – STR. OR STA., O.S.	STORM SEW CL A 1 12 (FOOT)	STORM SEW CL A 1 15 (FOOT)	STORM SEW CL A 1 18 (FOOT)	STORM SEW CL A 1 21 (FOOT)	STORM SEW CL A 1 30 (FOOT)	STORM SEW CL A 1 36 (FOOT)	STORM SEW CL A 1 42 (FOOT)	STORM SEW CL A 1 48 (FOOT)	STORM SEW CL A 2 18 (FOOT)	GRADE %	TRENCH BACKFILL (CU YD)
27 – 28	13									1.00	2.2
28 – 30					34					0.30	0.7
29 – 31							33			0.30	10.7
30 – 31						52				0.54	13.2
31 – 33								61		0.30	9.0
30 – 35				79						0.30	6.7
35 – 36				59						0.76	4.7
36 – 37		56								0.50	8.0
36 – 38									79	1.40	10.6
38 – 39	56									0.50	8.4
38 – 40									11	3.00	2.1
40 – 41			61							2.79	4.4

CONTRACT NO. 91391

CITY OF URBANA
PUBLIC WORKS
ENGINEERING DIVISION

DRAWN BY: AJS
CHECKED BY: GLJ
DESIGNED BY: CES
DATED: 1/09

CITY SECTION
00-00361-00-PV

WINDSOR ROAD IMPROVEMENTS
DRAINAGE PLANS
STA 75+50 TO 84+50

SHEET NO.
55
OF
145

JAN 09 2009 1:23PM DRAINAGE STA75+50-84+50.DWG