CONTRACT NO. 91399

DRAINAGE SCHEDULES FROM STA 5+50 TO STA 12+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.
* 1	INLETS TA SALV GRATE	LT	6+39.09	6.61	----	694.00	----	695.50	EX	695.50	2
2	INLETS ADJ NEW T1F CL	RT	6+39.02	5.30	693.94	694.39	----	690.69	1	690.54	EX
2a	VALVE BOX ADJ	LT	6+55.1	1.3	694.29	694.41	----	----	--	----	--
2b	VALVE BOX ADJ	RT	6+57.0	1.3	694.18	694.46	----	----	--	----	--
3	NO WORK REQUIRED	RT	13+35.10	21.84	691.55	----	----	687.50	EX	687.40	EX

EX=EXISTING
*BUILD INLET OVER EXISTING STORM SEWER. INLET INVERT IS ESTIMATED. FIELD VERIFY. SALVAGE EXISTING GRATE FROM STR. NO. 2

DRAINAGE SCHEDULES FROM STA 12+50 TO STA 21+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.
* 4	REM & RELAY END SECT	RT	14+40.52	33.15	----	----	----	----	--	687.20	DITCH
5	MAN SPL 5 DIA T1F CL	LT	15+79.45	18.67	----	693.55	692.63	686.60	4	686.60	6
6	NO WORK REQUIRED	LT	16+60.0	15.7	693.69	----	----	686.59	5	686.59	7
								686.89	W		
7	NO WORK REQUIRED	LT	17+42.5	12.4	693.84	----	----	686.54	6	686.44	8
								687.34	W		
8	MAN SPL 5 DIA T1F CL	LT	18+04.73	11.55	----	693.30	692.38	685.70	7	685.70	10
9	MAN ADJUST	LT	18+75.15	10.77	688.67	690.45	----	685.27	EX	685.17	EX
** 10	REM & RELAY END SECT	RT	19+27.05	27.72	----	----	----	----	--	685.34	DITCH

EX=EXISTING
W=WEST
*STATION, OFFSET AND INVERT TO END OF END SECTION. END SECTION FROM NEAR STR. NO. 5.
**STATION, OFFSET AND INVERT TO END OF END SECTION. END SECTION FROM NEAR STR. NO. 8.

STORM SEWER PIPE SCHEDULE			
LOCATION STR. – STR. OR STA., O.S.	STORM SEW CL A 1 30 (FOOT)	GRADE %	TRENCH BACKFILL (CU YD)
4 – 5	136	0.41	34
8 – 10	112	0.30	24

DRAINAGE SCHEDULES FROM STA 21+50 TO STA 30+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.
11	MAN ADJUST	RT	22+15.1	2.9	689.64	689.78	----	684.84	9	684.79	12
12	MAN RECONST	RT	25+56.7	8.6	688.77	692.42	----	684.27	11	683.77	13
								684.07	EX		
13	NO WORK REQUIRED	LT	25+84.4	44.5	----	----	----	----	--	686.63	EX
14	NO WORK REQUIRED	LT	26+85.1	19.8	692.57	----	----	680.29	W	679.57	16
								681.69	S		
* 15	END OF PR STORM SEWER	LT	27+13.3	8.6	----	----	----	683.90	18	----	--
16	NO WORK REQUIRED	RT	27+48.1	42.1	689.59	----	----	678.99	14	678.99	20
** 17	INLETS TA SALV GRATE	LT	28+17	20.44	----	688.80	----	----	--	684.86	18
*** 18	REMOV INLETS	LT	28+17.5	9.5	688.47	----	----	684.62	19	684.57	15
	MAN SPL 4 DIA T1F CL	LT	28+17.45	9.45	----	691.14	690.22	684.62	19	684.57	15
								684.86	17		

EX=EXISTING
W=WEST
S=SOUTH
*FIELD ADJUST END OF PIPE TO OUTLET ON SIDE OF CHANNEL TO THE SATISFACTION OF THE ENGINEER. COST TO PERFORM THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS CONTRACT DRAINAGE ITEMS.
**SALVAGE EXISTING GRATE FROM STR. NO. 18.
***REMOVE 2' DIA. INLET AND INSTALL 4' DIA. MANHOLE AT SAME LOCATION.

STORM SEWER PIPE SCHEDULE					
LOCATION STR. – STR. OR STA., O.S.	STORM SEW REMOVAL (FOOT)	STORM SEW CL B 1 12 (FOOT)	STORM SEW CL B 1 15 (FOOT)	GRADE %	TRENCH BACKFILL (CU YD)
# 15 – 18	101			0.65	0.0
## 15 – 18			103	0.65	79.0
17 – 18		8		2.00	0.0

DIAMETER OF EXISTING PIPE IS ESTIMATED AT 10 TO 12 INCHES
PLACE TRENCH BACKFILL FROM PR INVERT TO EX GROUND ELEVATION, STARTING 20 FEET FROM END OF PIPE AT CHANNEL TO STR. 18

DRAINAGE SCHEDULES FROM STA 30+50 TO STA 39+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.
19	NO WORK REQUIRED	LT	31+00.9	19.0	689.51	----	----	685.86	EX	685.82	18
20	NO WORK REQUIRED	RT	31+95.2	23.7	686.90	----	----	678.23	16	678.03	EX
21	NO WORK REQUIRED	LT	32+32.8	19.3	----	----	----	682.70	W	----	EX
* 21a	VALVE BOX ADJ	LT	33+80.9	6.3	693.18	691.62	----	----	--	----	--

EX=EXISTING
W=WEST
*NO ADJUSTMENT ANTICIPATED FOR WESTERNMOST VALVE. ENGINEER TO COORDINATE WITH WATER COMPANY IF FIRE HYDRANT IS DETERMINED IN THE FIELD TO NEED ADJUSTMENT.

CITY OF URBANA
PUBLIC WORKS
ENGINEERING DIVISION

DRAWN BY: AJS
CHECKED BY: GLJ
DATED: 1/11
DESIGNED BY: CES
CITY SECTION
05-00416-00-BT

HIGH CROSS ROAD MULTI-USE PATH
DRAINAGE STRUCTURE
AND PIPE SCHEDULES

SHEET NO.
6
OF
40

JAN 20, 2011 9:12AM DRAINAGE STR&PIPE SCHEDULES.DWG