

DRAINAGE STRUCTURE AND PIPE SCHEDULES - PLAN AND PROFILE SHEET NO. 15

STRUCTURE NUMBER	STRUCTURE TYPE	OFFSET SIDE	CENTERLINE STATION OF 2' OPENING	OFFSET TO CENTERLINE OF 2' OPENING	CENTERLINE STATION OF STRUCTURE	OFFSET TO CENTERLINE OF STRUCTURE	EXISTING TOP OF FRAME AND GRATE ELEVATION	PROPOSED TOP OF FRAME AND GRATE ELEVATION	PROPOSED TOP OF FLAT SLAB TOP ELEVATION	INVERT IN	UPSTREAM STRUCTURE	INVERT OUT	DOWNSTREAM STRUCTURE
1	RD MAN TA 4 DIA T1 CLOSED	LT	*100+24.00	*90.00	*100+25.00	*90.00	----	716.60	715.80	713.40	3	713.40	SOUTH
2	CONNECT SS TO MAN	LT	----	----	*100+25.00	*90.00	----	----	----	713.40	4	713.40	SOUTH
3	REM & REIN CONC FLAR END SEC	LT	----	----	**100+27.50	**97.00	----	----	----	713.45	DITCH	713.42	1
4	RD MAN TA 4 DIA T1 CLOSED	LT	100+27.50	76.00	100+28.50	76.00	----	716.60	715.80	713.45	6	713.43	1
5	MANHOLE ADJUST (BY OTHERS)	LT	100+49.40	52.30	----	----	714.63	717.00	----	----	----	----	----
6	RD MAN TA 4 DIA T3 F & G	LT	101+00.00	28.50	101+00.00	29.50	----	716.88	716.01	713.70	7	713.61	4
7	RD INLETS TB T3V F & G	LT	101+08.00	28.50	101+08.00	29.00	----	716.88	716.01	713.75	8	713.75	6
8	RD MAN TA 4 DIA T3V F & G	LT	101+75.00	28.50	101+75.00	27.50	----	717.03	716.16	713.94	10	713.94	7
9	PRC FLAR END SEC 12"	LT	----	----	**101+75.00	**46.50	----	----	----	714.06	9	714.06	8
	GRATING - C FL END S 12"									714.40	DITCH	714.31	
10	RD MAN TA 4 DIA T3V F & G	LT	102+75.00	28.50	102+75.00	29.50	----	717.34	716.47	714.32	12	714.23	8
										714.24	11		
11	INLETS TA T8 GRATE	LT	102+75.00	48.50	102+75.00	48.50	----	716.00	----	----	13	714.30	10
12	RD INLETS TB T3V F & G	LT	103+35.00	28.50	103+35.00	29.00	----	717.59	716.72	714.61	13	714.55	10
13	RD INLETS TB T3V F & G	LT	104+10.00	28.50	104+10.00	29.00	----	717.86	716.99	714.96	31	714.90	12
14	REMOVE MANHOLE	RT	100+53.00	67.90	----	----	716.56	----	----	712.96	18	712.61	SOUTH
										712.86	NORTH		
15	RD MAN TA 5 DIA T1 CLOSED	RT	100+51.50	67.50	100+53.00	67.50	----	716.80	716.00	713.08	17	712.61	SOUTH
										712.96	18		
										712.61	22		
16	CONNECT SS TO MAN	RT	----	----	100+53.00	67.50	----	----	----	----	----	712.61	SOUTH
17	RD INLETS TB T3V F & G	RT	100+46.50	58.65	100+47.00	58.65	----	716.68	715.81	713.28	20	713.20	15
18	FLAR END SEC (NO WORK)	RT	----	----	**100+70.10	**120.00	----	----	----	----	----	715.24	15
19	CONNECT SS TO MAN	RT	----	----	100+53.00	67.50	----	----	----	----	----	712.96	18
20	INLETS TA T3V F & G	RT	100+65.00	45.85	100+65.00	45.85	----	716.80	----	----	----	713.70	17
21	MANHOLE (NO WORK)	RT	100+82.50	82.30	----	----	715.55	----	----	----	----	----	----
22	RD MAN TA 5 DIA T1 CLOSED	RT	101+95.00	38.50	101+95.00	40.00	----	718.00	717.00	713.00	23	712.90	15
										712.95	24		
23	INLETS TA T8 GRATE	RT	101+95.00	55.00	101+95.00	55.00	----	714.60	----	----	----	713.10	22

*FIELD VERIFY LOCATION AND ELEVATIONS **STATION AND OFFSET TO DOWNSTREAM END OF END SECTION

LOCATION STRUCTURE TO STRUCTURE	CONCRETE COLLAR (EACH)	STORM SEWER REMOVAL 15" (FOOT)	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12" (FOOT)	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15" (FOOT)	STORM SEWERS, CLASS A, TYPE 1 12" (FOOT)	STORM SEWERS, CLASS A, TYPE 1 15" (FOOT)	STORM SEWERS, CLASS A, TYPE 1 18" (FOOT)	STORM SEWERS, CLASS A, TYPE 1 24" (FOOT)	GRADE %	CONTROLLED LOW-STRENGTH MATERIAL (CU YD)
1 - 3							5		1.00	
1 - 4							11		0.30	
4 - 6							81		0.20	12.5
6 - 7						5			1.00	0.5
7 - 8				64					0.30	7.0
8 - 9					17				1.50	2.5
8 - 10						96			0.30	10.5
10 - 11					16				0.40	2.6
10 - 12			57						0.40	6.1
12 - 13			72						0.40	7.3
13 - 31			72						0.40	7.2
14 - NORTH		47								4.3
15 - 17					6				2.00	
15 - 22								142	0.20	10.7
17 - 20					21				2.00	2.6
22 - 23					12				0.80	
22 - 24	1							299	0.60	

CONCRETE COLLARS SHALL BE USED TO CONNECT STORM SEWERS

DRAINAGE STRUCTURE AND PIPE SCHEDULES - PLAN AND PROFILE SHEET NO. 16

STRUCTURE NUMBER	STRUCTURE TYPE	OFFSET SIDE	CENTERLINE STATION OF 2' OPENING	OFFSET TO CENTERLINE OF 2' OPENING	CENTERLINE STATION OF STRUCTURE	OFFSET TO CENTERLINE OF STRUCTURE	EXISTING TOP OF FRAME AND GRATE ELEVATION	PROPOSED TOP OF FRAME AND GRATE ELEVATION	PROPOSED TOP OF FLAT SLAB TOP ELEVATION	INVERT IN	UPSTREAM STRUCTURE	INVERT OUT	DOWNSTREAM STRUCTURE
24	CONNECT TO EXISTING S.S.	RT	----	----	*104+94.30	*32.00	----	----	----	----	----	*714.75	22
25	RD MAN TA 5 DIA T1 CLOSED	RT	105+70.00	*29.10	105+70.00	*30.60	----	719.30	718.30	715.70	28	*715.00	22
										*715.00	29		
26	CONNECT TO EXISTING S.S.	RT	----	----	*105+64.00	*30.60	----	----	----	*715.00	25	*715.00	22
27	CONNECT TO EXISTING S.S.	RT	----	----	*105+76.00	*30.60	----	----	----	*715.00	29	*715.00	25
28	INLETS TA T3V F & G	RT	105+70.00	26.70	105+70.00	26.70	----	718.88	----	----	----	715.80	25
29	MANHOLE (NO WORK)	RT	106+37.00	30.50	----	----	719.07	----	----	715.27	30	715.27	25
										715.27	NORTH		
30	INLET (NO WORK)	RT	106+36.80	24.90	----	----	719.07	----	----	715.67	36	715.67	29
31	RD INLETS TB T3V F & G	LT	104+85.00	28.50	104+85.00	28.00	----	718.27	717.40	715.36	32	715.25	13
32	INLETS TA T3V F & G	LT	105+60.00	27.75	105+60.00	27.75	----	718.79	----	----	----	715.80	31
33	INLETS TA T8 GRATE	LT	106+00.00	48.00	106+00.00	48.00	----	718.10	----	----	----	716.40	34
34	RD INLETS TB T3V F & G	LT	106+37.00	25.65	106+37.00	26.15	----	719.37	718.50	716.20	33	716.20	36
35	REMOVE INLET	LT	106+37.20	19.40	----	----	719.46	----	----	716.16	NORTH	716.16	30
36	RD MAN TA 4 DIA T1 CLOSED	LT	106+37.20	19.50	106+37.20	20.50	----	719.50	718.50	716.14	34	716.14	30
										716.16	NORTH		
36a	CONNECT TO EXISTING S.S.	LT	----	----	*106+37.20	*18.00	----	----	----	*716.14	36	*716.14	30
36b	CONNECT TO EXISTING S.S.	LT	----	----	*106+47.00	*19.50	----	----	----	*716.16	NORTH	*716.16	36
37	MANHOLE ADJUST (BY OTHERS)	LT	106+85.80	27.60	----	----	719.30	719.83	----	----	----	----	----

*FIELD VERIFY LOCATION AND ELEVATIONS

LOCATION STRUCTURE TO STRUCTURE	CONCRETE COLLAR (EACH)	STORM SEWER REMOVAL 24" (FOOT)	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12" (FOOT)	STORM SEWERS, CLASS A, TYPE 1 12" (FOOT)	STORM SEWERS, CLASS A, TYPE 1 24" (FOOT)	GRADE %	CONTROLLED LOW-STRENGTH MATERIAL (CU YD)
24		6					
25 - 26	1			**8			
25 - 27	1			**8			
25 - 28				1			
26 - 27		12					
31 - 32			73			0.60	7.2
33 - 34			40			0.50	3.8
34 - 36				3		2.00	0.3
36 - 36a	1			**8			0.6
36 - 36b	1			**8			1.1

CONCRETE COLLARS SHALL BE USED TO CONNECT STORM SEWERS

**FOR CONNECTION TO EXISTING PIPES

FILE NAME =
p:\c0010461\plans\sheet\drainage-tables.dgn
PLOT DATE =
2/6/2009 11:05:50 AMDESIGNED - R.L.H.
DRAWN - J.L.B.
CHECKED - J.T.P.
DATE - 2-09REVISED -
REVISED -
REVISED -
REVISED -STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE AND PIPE SCHEDULES

SCALE : NONE SHEET NO. 17 OF 44 SHEETS STA. TO STA.

F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
7170 08-00277-00-PV CHAMPAIGN 44 17
CONTRACT NO. 91397
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT HD-5181 (044)