

DRAINAGE STRUCTURE SCHEDULE

PIPE SCHEDULE

STRUCT NO.	LOCATION		DESCRIPTION	RIM ELV.	INVERT ELEVATION			
	STA.	LT/RT (FT)			NORTH	SOUTH	EAST	WEST
32	218+14	86.7 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-				630.00
33A	118+90	11.6 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	643.47				632.01
33	218+91	85.2 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-				630.00
34A	119+70	12.0 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	643.94				631.89
34	219+75	82.6 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-				630.00
35A	120+90	12.0 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	643.01				633.06
35	220+31	77.0 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-				630.00
36A	223+75	18.0 RT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	642.04				635.71
36B	223+75	36.0 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	641.08			635.20	635.10
36C	223+36.9	30.5 LT	CONNECT TO EXISTING WITH CONCRETE COLLAR	-				636.10
36D	223+37.9	53.7 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-				635.80
36	223+75	57.6 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-				634.88
37A	224+65	36.0 LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	640.36				635.34
37	224+65	54.6 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-				635.15
38A	225+55	18.0 RT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	640.78				636.18
38B	225+56	35.3 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	639.66			635.68	635.58
38	225+57	51.4 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-				635.42
39A	226+88	18.0 RT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	639.88		636.31		
39B	226+71	18.0 RT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	639.87	636.24	636.24		
39C	226+55	18.0 RT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	639.88	636.17		636.50	636.17
39D	226+56	0	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	639.80			636.03	636.03
39E	226+42	31.1 LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	639.21	635.86			
39F	226+74	28.7 LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	639.21		635.86		
39G	226+58	30.0 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	639.20	635.79	635.81	635.90	635.80
39H	226+55	67.5 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24" W/ GRATE	-				636.70
39	226+57	46.7 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24" W/ GRATE	-				635.72
40A	227+40	18.0 RT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	640.03				636.64
40B	227+40	24.0 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	639.55			636.25	636.15
40	227+40	42.0 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-				635.97
41A	228+40	24.0 RT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	640.15			636.63	636.53
41B	228+41	0	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	640.60				636.84
41	228+40	42.6 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-				636.42
42C	228+90	43.0 LT	PRECAST REINFORCED CONC. FL. END SECTIONS, EQ RS 24" W/ GRATE	-		636.28		
42D	229+34	43.0 LT	PRECAST REINFORCED CONC. FL. END SECTIONS, EQ RS 24" W/ GRATE	-	636.41			
42A	229+40	18.0 RT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	641.17				637.51
42B	229+40	24.0 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	640.69			637.12	637.02
42	229+40	42.6 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-				636.92
43A	230+20	24.0 LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	641.02				637.43
43	230+20	42.6 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-				637.32
44A	231+40	24.0 LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	642.36				639.01
44B	231+40	23.9 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	641.92			638.87	638.77
44C	231+40	47.5 LT	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	-	639.21	637.97	638.75	
44	230+95	47.5 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-	637.75			
45A	233+00	24.0 LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	643.27				640.42
45B	233+00	47.5 LT	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	642.09	638.99	638.74	640.31	
46A	234+60	24.0 LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	644.72				641.07
46B	234+60	47.6 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 8 GRATE	645.26		639.71	640.97	
50A	110+96	0	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	638.26	634.18			
50B	111+06	0	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	638.25		634.11		634.01
51A	211+40	0	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	638.61	633.61			
51B	211+60	0	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	638.61		633.61		

PIPE NO.	LENGTH (FT)	DESCRIPTION	SLOPE (%)	TBF CU YD
33A	92.4	STORM SEWERS, CLASS A, TYPE 3 15"	2.00	72
34A	86.7	STORM SEWERS, CLASS A, TYPE 2 15"	2.00	68
35A	94	STORM SEWERS, CLASS A, TYPE 2 15"	3.00	77
36A	51	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	19
36B	13.6	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	3
36C	21	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	1
37A	11	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	
38A	50	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	9
38B	8	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	1
39A	14	STORM SEWERS, CLASS A, TYPE 1 12"	0.50	2
39B	13	STORM SEWERS, CLASS A, TYPE 1 12"	0.50	2
39C	14	STORM SEWERS, CLASS A, TYPE 1 24"	1.00	2
39D	26	STORM SEWERS, CLASS A, TYPE 1 24"	0.50	3
39E	11	STORM SEWERS, CLASS A, TYPE 1 12"	0.50	1
39F	15	STORM SEWERS, CLASS A, TYPE 1 12"	0.50	2
39G	8.6	STORM SEWERS, CLASS A, TYPE 1 24"	0.50	1
39H	40.5	STORM SEWERS, CLASS A, TYPE 1 24"	0.50	2
39	52	STORM SEWERS, CLASS A, TYPE 1 24"	0.41	
40A	39	STORM SEWERS, CLASS A, TYPE 1 12"	1.00	2
40B	10	STORM SEWERS, CLASS A, TYPE 1 12"	1.00	1
41A	11	STORM SEWERS, CLASS A, TYPE 1 12"	1.00	1
41B	21	STORM SEWERS, CLASS A, TYPE 1 12"	1.00	5
42C	27.6	PIPE CULVERTS, CL A, TY 1 ERS 24"	0.30	2
42A	39	STORM SEWERS, CLASS A, TYPE 1 12"	1.00	3
42B	10	STORM SEWERS, CLASS A, TYPE 1 12"	1.00	1
42				
43A	11	STORM SEWERS, CLASS A, TYPE 1 12"	1.00	1
44A	28	STORM SEWERS, CLASS A, TYPE 1 12"	0.50	1
44B	19.5	STORM SEWERS, CLASS A, TYPE 1 12"	0.50	1
44C	36.5	STORM SEWERS, CLASS A, TYPE 1 18"	0.50	
45A	22	STORM SEWERS, CLASS A, TYPE 1 12"	0.50	1
45B	154	STORM SEWERS, CLASS A, TYPE 1 18"	0.49	
46A	20	STORM SEWERS, CLASS A, TYPE 1 12"	0.50	1
46B	156.2	STORM SEWERS, CLASS A, TYPE 1 15"	0.45	1
50A	7	STORM SEWERS, CLASS A, TYPE 1 12"	1.00	2
50B	38	STORM SEWERS, CLASS A, TYPE 2 18"	1.00	6
51A	7	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	3
51B	7	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	3

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8501 W. Higgins Road, Suite 280
Chicago, Illinois 60631; (773) 399-0112

USER NAME = 1654	DESIGNED - JWB	REVISED -
PLOT SCALE = 100.0000' / IN.	DRAWN - JWB	REVISED -
PLOT DATE = 6/15/2012	CHECKED - RS	REVISED -
	DATE - 06/15/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 30 AT IL ROUTE 31
DRAINAGE PLAN - IL RTE 31**

SHEET NO. -- (IL 31) STA. 124+00 TO STA. 140+67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11 VB) R-3	*	507	140
* KANE AND KENDALL			CONTRACT NO. 60133	
ILLINOIS FED. AID PROJECT				