

## DRAINAGE STRUCTURE SCHEDULE

## PIPE SCHEDULE

STRUCT NO.	LOCATION		DESCRIPTION	RIM ELV.	INVERT ELEVATION			
	STA.	LT/RT (FT)			NORTH	SOUTH	EAST	WEST
16A	1262+00	7.64 LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	657.80	-	653.72		
16B	1262+00	7.64 RT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	657.80	653.60	653.50		
16	1262+00	59.5 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-	-	652.65		
16A1	1263+75	5.97 RT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	661.92		657.84		
16B1	1263+75	5.97 RT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	661.92	657.75	657.70		
16B2	1263+75	57.0 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"			656.89		
17A	1265+15	4.6 LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	665.20	-	661.12		
17B	1265+15	4.6 RT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	665.20	660.99	660.39		
17C	1265+15	35.2 RT	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	664.10	659.50	659.40		
17	1265+32	79.3 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-	-	658.00		
18A	304+62	25.0 LT	DRAINAGE STRUCTURES, TYPE 4 WITH TWO TYPE 20 FRAME AND GRATES	643.68	636.12			
18	304+62	46.6 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-	634.94			
19A	302+59	25.0 LT	DRAINAGE STRUCTURES, TYPE 5 WITH TWO TYPE 22 FRAME AND GRATES	641.04		633.45		
19	302+59	42.6 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-		632.35		
20A	302+71	24.9 LT	DRAINAGE STRUCTURES, TYPE 4 WITH TWO TYPE 20 FRAME AND GRATES	641.14		633.09		
20	302+71	39.7 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-		631.97		
21A	302+30	25.0 LT	DRAINAGE STRUCTURES, TYPE 4 WITH TWO TYPE 20 FRAME AND GRATES	641.13		633.56		
21	302+30	39.9 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-		632.52		
22A	1274+75	34.5 LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	667.35		663.27		
22B	1274+75	45.6 RT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	667.18	662.50	662.40		
22	1274+75	61.7 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-		661.82		
23A	1277+23	35.1 LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	661.67	MATCH EXIST.			
23B	1277+25	41.0 RT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	661.54	MATCH EXIST.			
① 24A	1279+55.2	32.5 LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	654.94		649.95 (12") 651.00 (6")		
24B	1279+55.6	5.9 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	655.45	649.79	649.78		
24C	1279+55.7	5.7 RT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	655.34	649.73	649.73		
① 24D	1279+56.1	33.5 RT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	654.71	649.60 650.68 (6")	649.25		
25A	203+39	0	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	648.84	MATCH EXIST. I. E.	646.43		
26A	205+86	0	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	643.62	MATCH EXIST. I. E.	640.97		
26B	205+86	17.3' LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	642.89	MATCH EXIST. I. E.	640.47		
27A	207+31	0	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	641.10		637.84		
27	207+31	84.0 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-		637.00		
28A	208+71	0	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	640.15		636.45		
28B	208+71	14.8 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	639.93		636.33	636.23	
28	208+71	95.8 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-		635.50		
29A	114+40	0	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	641.00			636.92	
29	114+40	12.4 LT	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	641.26		636.73	636.83	
52A	113+20	0	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	640.00			631.67	
52B	213+31	0	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	639.47		631.37	631.27	
52C	113+20	11.9 LT	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	639.50	635.77	631.55	631.45	
52	212+87	81.3 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-			630.00	
30A	115+60	0	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	642.25			638.17	
30B	215+67	0	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	640.90		636.82		
30	115+60	13.0 LT	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	642.51	635.67	638.07	636.64	
31A	116+60	0	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	642.32			632.38	
31B	116+60	13.4 LT	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	642.58		634.71	632.29	632.19
31	216+65	88.4 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	-			630.00	
32A	118+10	7.7 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	643.07			632.88	
32B	118+11	29.8 LT	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	642.50		632.70	632.60	

PIPE NO.	LENGTH (FT)	DESCRIPTION	SLOPE (%)	TBF CU YD
16A	12.3	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	3
16B	40.5	STORM SEWERS, CLASS A, TYPE 2 12"	1.83	5
16A1	8.9	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	1
16B1	45.2	STORM SEWERS, CLASS A, TYPE 2 12"	1.58	2
17A	6.3	STORM SEWERS, CLASS A, TYPE 2 12"	2.00	2
17B	28	STORM SEWERS, CLASS A, TYPE 2 12"	3.19	7
17C	36	STORM SEWERS, CLASS A, TYPE 2 12"	3.18	6
18A	59	STORM SEWERS, CLASS A, TYPE 2 12"	2.00	28
19A	55	STORM SEWERS, CLASS A, TYPE 2 12"	2.00	26
20A	56	STORM SEWERS, CLASS A, TYPE 2 12"	2.00	28
21A	52	STORM SEWERS, CLASS A, TYPE 2 12"	2.00	24
22A	77	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	16
22B	58	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	
		CONCRETE THRUST BLOCKS, STANDARD 610001		
23A	4	STORM SEWERS, CLASS A, TYPE 2 12"		3
24B	4.5	STORM SEWERS, CLASS A, TYPE 2 12"	0.50	1
24C	1	STORM SEWERS, CLASS A, TYPE 2 12"	0.50	1
27A	78	STORM SEWERS, CLASS A, TYPE 1 12"	1.00	1
28A	12	STORM SEWERS, CLASS A, TYPE 1 12"	1.00	2
28B	73	STORM SEWERS, CLASS A, TYPE 1 12"	1.00	4
29A	9.1	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	2
29	116	STORM SEWERS, CLASS A, TYPE 2 12"	0.83	32
52A	9	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	13
52B	84	STORM SEWERS, CLASS A, TYPE 2 15"	1.37	43
52C	8	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	13
30A	10	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	3
30B	17.7	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	3
30	96	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	79
31A	9	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	15
31B	101.5	STORM SEWERS, CLASS A, TYPE 3 15"	2.00	81
32A	18	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	28
32B	78.7	STORM SEWERS, CLASS A, TYPE 2 15"	3.00	44

① RIM ELEVATION IS EDGE OF SHOULDER AND BACK OF GRATE

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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	139
KANE AND KENDALL			CONTRACT NO. 60133	
ILLINOIS FED. AID PROJECT				