DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA. (FT)	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH/FES/ SHW	CB							
317	464+28.00	44.5 RT		A	4	T20 F&G	685.44		680.11		680.11
318	465+08.00	44.5 RT		A	4	T20 F&G	684.72	679.35			679.35
319	465+88.00	42.9 RT		A	4	T20 F&G	684.16		678.91		
320	466+68.00	41.2 RT		A	4	T20 F&G	683.43	678.15		678.15	678.15
321	467+48.00	39.4 RT		A	4	T20 F&G	682.74		677.49		
322	468+28.00	37.6 RT		A	4	T20 F&G	682.11		676.73		676.73
323	469+08.00	35.8 RT		A	4	T20 F&G	681.53		676.28		
324	469+88.00	34.0 RT		A	4	T20 F&G	680.96		675.52		675.52
325	470+44.00	32.8 RT		A	4	T20 F&G	680.56	675.00			675.00
326	472+60.25	35.7 RT	A(1)		6	T1F CL	679.04		672.07		672.07
327	468+57.32	36.9 RT		A	4	T20 F&G	681.91	676.47		676.47	676.47
328	470+40.50	0.5 LT	A		5	T1F CL	681.55		673.51	674.73	673.61
329	458+77.96	11.3 LT	A(4)		5	T1F CL	687.63	682.89		682.89	682.89
330	458+66.00	59.6 RT	A(4)		5	T1F CL	686.72	683.01	683.01		
331	458+66.00	11.0 LT	A(4)		5	T1F CL	687.86		682.87	682.87	682.87
332	NOT USED	- -	-	-	-	-	-	-	-	-	-
333	472+50.00	8.6 LT	A		6	T1F CL	679.90			672.39	672.49
334	469+50.00	43.0 RT		C	2	T1F OL	680.24	675.92			
335	466+68.00	47.6 RT		C	2	T1F OL	682.85	678.21			
336	468+57.00	43.9 RT		C	2	T1F OL	681.15	676.53			
1 337	462+88.00	52.3 RT		C	2	T1F OL	685.19	680.63			
41	116+00.00	87.5 RT	SHW(10)		24(10)				684.02		
42	123+11.00	11.6 RT		G-2(16)	1-11(16)	TG-2 (16)	697.99				692.82
43	123+11.00	58.5 RT	SHW(10)		12(10)				688.02		
44	120+94.00	81.3 RT	SHW(10)		15(10)				688.09		
45	124+09.73	49.7 RT	SHW(10)		4(10)				687.55		
46	114+00.00	87.3 RT	SHW(10)		4(10)				683.35		
51	202+30.00	97.7 RT	SHW(10)		30(10)			682.99			
52	195+83.00	11.0 RT		G-2(16)	1-11(16)	TG-2 (16)	698.43		693.26		
53	193+81.00	11.0 RT		G-2(16)	1-11(16)	TG-2 (16)	694.63		689.46		
54	204+00.00	85.9 RT	SHW(10)		4(10)						683.28
55	190+41.74	38.1 LT	SHW(10)		24(10)				683.05		
56	195+83.00	66.5 RT	SHW(10)		12(10)						682.37
57	193+81.00	65.8 RT	SHW(10)		12(10)						682.16
58	NOT USED	- -	-	-	-	-		-	-	-	-
59	190+40.61	32.4 RT	SHW(10)		24(10)						680.67

RESTRICTOR MANHOLE SCHEDULE

STRUCTURE NUMBER	STATION	MANHOLE DIAMETER (FT)	FRAME & GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAM. (IN)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
14	435+11.10	6	T1F CL	2	36	678.14	683.79
326	470+50.08	6	T1F CL	2	17	674.70	676.86

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NOTES CONTINUED:

(16) CATCH BASIN, TYPE G-2, WITH A TYPE G-2 FRAME AND GRATE, ISTHA STANDARD 88-00. SIZE NOTED IN SCHEDULE IS GIVEN IN FEET-INCHES.

(17) PIPE TO PIPE CONNECTION.

* OR △ ALL OR A PORTION OF THIS SEWER SHALL BE OF WATER MAIN GRADE (△) OR RUBBER GASKET (*) PER STANDARD SPECIFICATION REQUIREMENTS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

TYLIN INTERNATIONAL

STORM SEWER AND CULVERT SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE (%)	T.B. (CU.YD)
△ 317	464+28.00	465+08.00	2	12	76	1.00	21.9
318	465+08.00	464+86.00	2	12	49	1.00	26.5
△ 319	465+88.00	466+68.00	2	12	76	1.00	21.1
320	466+68.00	466+70.00	2	15	43	1.00	12.7
△ 321	467+48.00	468+28.00	2	12	76	1.00	21.9
△ 322	468+28.00	468+57.32	2	12	26	1.00	7.8
△ 323	469+08.00	469+88.00	2	12	76	1.00	21.9
△ 324	469+88.00	470+44.00	2	12	52	1.00	15.5
325	470+44.00	470+40.50	2	12	27	1.00	10.1
326	NOT USED	-	-	-	-	-	-
327	468+57.32	468+59.00	2	15	37	1.00	12.3
328	470+40.50	472+50.00	2	36	205	0.50	0
329	458+77.96	458+66.00	1	24	7	0.22	1.4
330	458+66.00	458+66.00	1	30X19	66	0.22	10.6
331	458+66.00	457+93.00	2	24	68	0.22	18.0
332	459+08.30	458+66.00	1	30X19	38	0.22	0
333	472+50.00	472+50.25	2	36	39	0.50	29.9
334	469+50.00	469+59.89	2	12	14	1.00	1.8
△ 335	466+68.00	466+68.00	2	12	6	1.00	0.7
△ 336	468+57.00	468+57.32	2	12	6	1.00	0.8
1 337	462+88.00	462+88.00	2	12	8	1.00	0.9
41	NOT USED	-	-	-	-	-	-
42	123+11.00	123+11.00	2	12	48	19.83(11)	0.8
51	NOT USED	-	-	-	-	-	-
52	195+83.00	195+83.00	2	12	58	33.28(11)	0.8
53	193+81.00	193+81.00	2	12	56	22.77(11)	0.8
54	NOT USED	-	-	-	-	-	-
55	190+41.74	190+40.61	2	24	71	3.35	29.7
56	NOT USED	-	-	-	-	-	-
57	NOT USED	-	-	-	-	-	-
58	NOT USED	-	-	-	-	-	-
59	NOT USED	-	-	-	-	-	-

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	154
STA. 432+83.12		TO STA. 470+56.84		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60B01

NOTES:

(1) INDICATES MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.

(2) INDICATES CATCH BASIN TYPE A WITH FLAT SLAB TOP.

(3) INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."

(4) INDICATES MANHOLE TYPE A WITH FLAT SLAB TOP, IDOT STANDARD 602601.

(5) FES=FLARED END SECTION, ES=END SECTION. SIZE NOTED IN SCHEDULE IS GIVEN IN INCHES.

(6) SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.

(7) CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.

(8) CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASTING. (SEE BELOW)

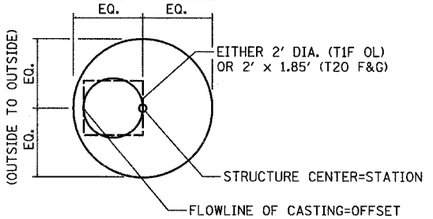
(9) FLOWLINE OF CASTING IS LOCATED AT ℄ OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.

(10) SLOPED HEAD WALLS TYPE III, ISTHA STANDARD B10-00. SIZE NOTED IN SCHEDULE IS GIVEN IN INCHES.

(11) PIPE SLOPES ARE BASED ON SLOPED PIPE DRAIN DESIGN. SEE SHEET "DRAINAGE DETALS-SHEET 4 OF 4."

(12) INDICATES REINFORCED CONCRETE END SECTION, CAST IN PLACE, IDOT STANDARD 542106-01.

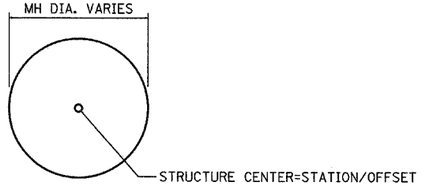
(13) INDICATES REINFORCED CONCRETE END SECTION, CAST IN PLACE, WITH PARALLEL WING WALLS IDOT STANDARD 542001.



CATCH BASIN

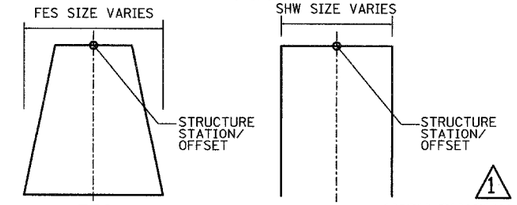
(PRECAST REINFORCED CONCRETE SECTION)

(14) MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE.



MANHOLE

(15) FLARED END SECTION AND SLOPED HEADWALL STATIONS AND OFFSETS ARE LOCATED AS SHOWN.



FES SHW

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SHEET 3 OF 4

REVISIONS NAME	DATE
1 ADDENDUM 1	08/31/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS RTE 60 OVER I-94

DRAINAGE SCHEDULE
EXISTING ABANDONED SEWER/CULVERT SCHEDULE
AND PIPE UNDERDRAIN SCHEDULE
AND RESTRICTOR MANHOLE SCHEDULE

SCALE: NONE DRAWN BY: NSB

DATE: MAY 8, 2007 CHECKED BY: DA