F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	240
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

D-91-552-99 60881

DRAINAGE STRUCTURES TABLE

STRUCT. NO.	STA.	OFFSET	TYPE MH	CB	INL.	DIA.	FRAME	TOP OF GRATE	N. INV.	E. INV.	S. INV.	W. INV.	OTHER INV.	SHEET NO.
241	101+647.000	14.4 RT		CB A		1200	T21 FG	211.573		210.203		210.203		6
242	101+665.430	12.5 RT		CB A		1200	T21 FG	211.704	210.334		210.334			6
243	101+664.000	11.95 LT		CB A		1200	T21 FG	211.852	210.482					6
244	101+664.000	2.45 LT		CB A		1200	T21 FG	211.849			210.479			6
245	101+691.000	11.95 RT		CB A		1200	T21 FG	211.802	210.572		210.432			6
246	101+691.000	2.45 LT		CB A		1200	T21 FG	211.802			210.602			6
247	101+723.000	11.95 RT		CB A		1200	T21 FG	211.873	210.600		210.600			6
248	101+723.000	2.58 LT		CB A		1200	T21 FG	211.868			210.668			6
249	10+016.000	6.3 RT		CB A		1200	T24 FG	210.356		209.186				16
250	10+064.000	8 RT		CB A		1200	T24 FG	210.535		209.365				16
251	10+290.000	12.65 LT		CB A		1200	T24 FG	210.427		209.257				16
252	103+409.000	13.88 RT	JC			1700X5000	T1F OL	207.579	206.123		206.157			12
253	103+409.800	11.37 LT	JC			1700X5000	T1F CL	207.629	206.000		206.000			12
254	101+817.750	4.75 LT		CB A		1200	T24 FG	211.973			210.603			7
255	101+818.770	12.86 RT		CB A		1200	T24 FG	211.692	210.322		210.322			7
256	101+847.000	12 RT		CB A		1200	T24 FG	211.573	210.203		210.203			7
257	101+847.000	4.25 LT		CB A		1200	T24 FG	211.768			210.398			7
258	103+098.410	12.5 LT			INL A	600	T8G	210.165	209.500					11
259	104+135.420	21.08 RT	A			2100	T1F OL	202.250			201.253	201.253		13
260	101+883.440	11.95 RT		CB A		1200	T24 FG	211.516			210.146			7
261	102+791.780	17.58 LT			FES	300				209.611				10
262	101+913.000	11.95 LT		CB A		1200	T24 FG	211.186			209.816			7
263	101+925.000	4.75 RT		CB A		1200	T24 FG	211.221	209.530		209.530			7
264	101+925.000	11.95 RT		CB A		1200	T24 FG	211.224	209.508		209.508			7
265	101+938.000	11.95 LT		CB A		1200	T24 FG	210.972			209.602			7
266	101+955.000	4.75 RT		CB A		1200	T24 FG	211.011	209.520		209.520			7
267	101+982.000	11.95 RT		CB A		1200	T24 FG	210.723	209.129		209.129			7
268	101+976.000	11.45 LT		CB A		1200	T24 FG	210.599		209.229				7
269	101+841.390	17.19 RT			FES	600				210.907				7
270	103+013.500	10.75 LT			INL A	600	T3 FG	210.393		209.213				7
271	102+018.260	10.68 LT		CB A		1200	T21 FG	210.390			209.210	209.210		7
272	102+013.500	0.78 RT			INL A	600	T3 FG	210.523		209.343				7
273	102+018.260	0.78 RT		CB A		1200	T21 FG	210.519			209.149	209.149		7
274	102+030.000	0.65 RT		CB A		1200	T21 FG	210.540			209.170			7
275	102+067.000	1.48 LT		CB A		1200	T21 FG	210.778			209.408			8
276	101+884.780	16.34 RT			FES	600						210.751		7
277	103+975.000	16.32 RT		CB A		1200	T8G	203.163	201.793					13
278	102+141.000	2.75 RT		CB A		1200	T21 FG	211.016	209.646					8
279	102+145.000	9.95 LT		CB A		1200	T21 FG	210.851	209.481		209.481			8
280	102+167.000	9.95 RT		CB A		1200	T21 FG	210.741	209.371					8
281	102+167.000	9.95 LT		CB A		1200	T21 FG	210.741	209.301		209.301			8
282	102+194.000	9.95 LT		CB A		1200	T21 FG	210.605	209.163		209.163			8
283	102+194.000	9.95 RT		CB A		1200	T21 FG	210.607	209.237					8
284	102+224.040	9.95 LT		CB A		1200	T21 FG	210.455	209.016		209.016			8
285	102+224.000	9.95 RT		CB A		1200	T21 FG	210.457	209.087					8
286	103+960.000	15.5 LT			FES	300				202.935				13
287	102+239.000	14 LT		CB A		1200	T8G	209.655	208.475					8
288	102+250.000	9.95 RT		CB A		1200	T21 FG	210.326	208.956					8

PROPOSED SEWERS TABLE

NO.	U/S STA.	TYPE	D/S STA.	DIA. (mm)	LENGTH (m)	TB (CU M)	SHEET NO.
241	101+647.00	1	101+665.76	300	17.2	10.6	6
242	101+665.43	1	101+665.76	300	1.1	0.6	6
243	101+664.00	1	101+664.60	300	1.0	0.5	6
244	101+664.00	1	101+665.43	300	8.5	4.9	6
245	101+691.00	1	101+691.00	300	2.3	1.2	6
246	101+691.00	1	101+691.00	300	8.0	3.2	6
247	101+723.00	1	101+717.34	300	4.1	1.8	6
248	101+723.00	1	101+723.00	300	7.8	3.2	6
249	10+016.00	1	10+016.00	300	2.0	0.7	16
250	10+064.00	1	10+064.00	300	.5	0.2	16
251	10+290.00	1	10+290.00	300	21.6	9.7	16
252	103+409.00	2	103+409.80	750X475	24.0	9.5	12
253	103+409.00	2	103+409.80	750X475	24.0	9.5	12
254	101+817.75	1	101+818.77	300	15.2	8.7	7
255	101+818.77	1	101+818.00	300	.5	0.3	7
256	101+847.00	1	101+847.00	300	.5	0.3	7
257	101+847.00	1	101+847.00	300	15.5	8.9	7
258	10+036.50	1	102+837.54	300	19.9	8.9	17
259	103+774.50	2	103+776.32	750X475	32.0	28.1	13
260	101+883.44	1	101+881.98	300	1.0	0.5	7
261	103+098.41	1	103+098.410	300	5.0	1.3	11
262	101+913.00	1	101+925.00	300	19.0	11.7	7
263	101+925.00	2	101+925.00	300	6.3	5.2	7
264	101+925.00	2	101+925.00	300	1.0	0.8	7
265	101+938.00	1	101+955.00	300	22.3	13.8	7
266	101+955.00	2	101+955.00	300	8.8	5.8	7
267	101+982.00	2	101+982.00	300	11.5	9.1	7
268	101+976.00	1	101+982.00	300	12.7	7.3	7
269	101+841.39		101+884.78	600	39.2	90.9	7
270	103+013.50	1	102+018.26	300	3.1	1.1	7
271	102+018.26	1	102+018.33	450	23.1	9.4	7
272	102+013.50	1	102+018.26	300	3.2	1.2	7
273	102+018.26	1	102+018.33	300	13.3	7.6	7
274	102+030.00	1	102+030.00	300	12.4	7.1	7
275	102+067.00	1	102+067.00	300	14.5	8.3	8
276	102+965.00		102+971.00	300	8.0	2.2	10
277	103+975.00	1	103+975.00	300	3.2	1.7	13
278	102+141.00	1	102+145.00	300	11.9	6.8	8
279	102+145.00	1	102+144.50	300	.6	0.3	8
280	102+167.00	1	102+167.00	300	19.0	11.7	8
281	102+167.00	1	102+167.00	300	1.4	0.8	8
282	102+194.00	1	102+194.00	300	1.3	0.7	8
283	102+194.00	1	102+194.00	300	19.0	11.7	8
284	102+224.04	1	102+224.13	300	.4	0.2	8
285	102+224.00	1	102+224.04	300	19.0	11.7	8
286	103+960.00		103+971.50	300	11.1	3.5	13
287	102+239.00	1	102+239.00	300	1.1	0.4	8
288	102+250.00	1	102+256.00	300	20.0	12.4	8

LEGEND:

- FST FLAT SLAB TOP
- FES FLARED END SECTION
- FES-E FLARED END SECTION, ELLIPTICAL EQUIVALENT ROUND SIZE
- ● VORTEX MANHOLE LOCATION NO. 1
- ●● VORTEX MANHOLE LOCATION NO. 2
- ●●● VORTEX MANHOLE LOCATION NO. 3
- ✳ RESTRICTOR PLATE

NOTES:

1. OFFSETS AND ELEVATIONS FOR CATCH BASINS AND INLETS IN CURB AND GUTTER ARE TO EDGE OF PAVEMENT.
2. OFFSETS AND ELEVATIONS TO ALL OTHER STRUCTURES ARE TO CENTER OF STRUCTURE.

FINAL SURVEY: NOTE BOOK, NO. | SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED | BY | DATE

ORIGINAL SURVEY: NOTE BOOK, NO. | SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED | BY | DATE

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL RTE 22 (FAP 337)
IL RTE 83 TO US 45 / IL 21 (MILWAUKEE AVE)

DRAINAGE SCHEDULES
SHEET 6 OF 11

SCALE: NONE DRAWN BY: MB
DATE: 03-22-2004 CHECKED BY: JNR