

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	241
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
D-91-552-99		60881		

DRAINAGE STRUCTURES TABLE

STRUCT. NO.	STA.	OFFSET	TYPE			DIA.	FRAME	TOP OF GRATE	N. INV.	E. INV.	S. INV.	W. INV.	OTHER INV.	SHEET NO.
			MH	CB	INL.									
289	102+256.000	9.95 LT		CB A		1200	T21 FG	210.296	208.756					8
290	102+275.000	9.95 RT		CB A		1200	T21 FG	210.201	208.831					8
291	102+280.000	9.95 LT		CB A		1200	T21 FG	210.176	208.631					8
292	102+300.000	9.95 RT		CB A		1200	T21 FG	210.076	208.706					8
293	102+323.070	9.95 LT		CB A		1200	T21 FG	209.961	208.521					8
294	102+323.000	9.95 RT		CB A		1200	T21 FG	209.961	208.591					8
295	102+346.000	9.95 LT		CB A		1200	T21 FG	209.845	208.406					8
296	102+346.000	9.95 RT		CB A		1200	T21 FG	209.798	208.428					8
297	102+356.550	14.3 LT			FES	375			208.879					8
298	103+971.500	15.5 LT			FES	300						202.535		13
299	102+369.000	9.95 RT		CB A		1200	T21 FG	209.731	208.361					8
300	102+384.740	14.2 LT			FES	375						208.939		8
301	102+386.000	9.95 LT		CB A		1200	T21 FG	209.646	208.206					8
302	102+386.000	9.95 RT		CB A		1200	T21 FG	209.646				208.276		8
303	102+405.000	9.95 RT		CB A		1200	T21 FG	209.554				208.184		9
304	100+742.800	19.3 LT		CB A		1200	T8G	212.958				211.778		3
305	102+415.000	9.95 LT			INL A	600	T3 FG	209.529	208.349					9
306	102+419.770	9.95 LT		CB A		1200	T21 FG	209.526	208.156				208.156	9
307	102+415.000	9.95 RT			INL A	600	T3 FG	209.530	208.350					9
308	102+419.850	9.95 RT		CB A		1200	T21 FG	209.526				208.156	208.156	9
309	102+427.000	9.95 RT		CB A		1200	T24 FG	209.533				208.163		9
310	102+440.000	9.95 RT		CB A		1200	T24 FG	209.577				208.207		9
311	102+441.000	13.73 LT		CB A		1200	T24 FG	209.619				208.249		9
312	102+455.000	13.73 LT		CB A		1200	T24 FG	209.688				208.318		9
313	102+470.000	9.95 RT		CB A		1200	T24 FG	209.730	208.360					9
314	102+470.000	9.95 LT		CB A		1200	T24 FG	209.730	208.170			208.170		9
315	102+495.000	9.95 RT		CB A		1200	T24 FG	209.857	208.727				FST	9
316	102+494.970	9.95 LT		CB A		1200	T24 FG	209.857	208.657			208.657	FST	9
317	102+520.000	9.95 RT		CB A		1200	T24 FG	209.984	208.854				FST	9
318	102+520.000	9.95 LT		CB A		1200	T24 FG	209.984	208.784	208.784			FST	9
319	102+550.000	9.95 RT		CB A		1200	T21 FG	210.137	208.863				FST	9
320	102+550.000	9.95 LT		CB A		1200	T21 FG	210.137	208.791	208.791			FST	9
321	102+603.000	9.95 RT		CB A		1200	T21 FG	210.134	208.740				FST	9
322	102+602.980	9.95 LT		CB A		1200	T21 FG	210.134	208.666	208.666			FST	9
323	10+045.000	11 RT			FES	300			200.250					18
324	104+013.310	15.79 RT	JC			2800X5000	T1F CL	203.100	201.694	201.500				13
325	10+139.000	10.5 LT			FES	300						201.232		18
326	10+157.000	11 LT			FES	300			201.353					18
327	10+096.990	10.33 LT			FES	300			200.861					18
328	10+075.000	16.87 LT			INL A	600	T24 FG	202.390				201.770		18
329	10+068.170	19 LT		CB C		600	T24 FG	202.374				201.314		18
330	102+544.250	13.86 LT			FES	300						209.126		9
331	104+040.740	16.17 RT			FES-E	1325X850						201.482		13
332	102+586.500	14.3 LT			FES	300			209.508					9
333	102+628.000	9.95 RT		CB A		1200	T21 FG	210.018	208.614				FST	9
334	102+628.000	9.95 LT		CB A		1200	T21 FG	210.018	208.540			208.540	FST	9
335	102+653.000	9.95 RT		CB A		1200	T21 FG	209.903	208.488				FST	9
336	102+653.000	9.95 LT		CB A		1200	T21 FG	209.903	208.414			208.414	FST	9

PROPOSED SEWERS TABLE

NO.	U/S STA.	TYPE	D/S STA.	DIA. (mm)	LENGTH (m)	TB (CU M)	SHEET NO.
289	102+256.00	2	102+257.00	300	1.1	0.7	8
290	102+275.00	1	102+280.00	300	19.7	12.2	8
291	102+280.00	2	102+280.00	300	2.1	1.5	8
292	102+300.00	1	102+301.90	300	20.6	12.7	8
293	102+323.07	1	102+323.00	300	.5	0.3	8
294	102+323.00	1	102+323.07	300	19.0	11.7	8
295	102+346.00	1	102+346.00	300	1.0	0.6	8
296	102+346.00	1	102+346.00	300	19.0	11.7	8
297	102+356.55		102+366.80	375	8.8	4.2	8
298	NOT USED						
299	102+369.00	1	102+369.00	300	2.8	1.5	8
300	102+384.74		102+366.80	375	16.5	8.7	8
301	102+386.00	1	102+386.00	300	.7	0.4	8
302	102+386.00	1	102+386.00	300	2.8	1.5	8
303	102+405.00	1	102+398.80	300	5.6	3	9
304	100+742.80	1	100+740.00	300	2.1	0.8	3
305	102+415.00	1	102+419.77	300	3.2	1.2	9
306	102+419.77	1	102+419.85	450	1.0	0.5	9
307	102+415.00	1	102+419.85	300	3.2	1.2	9
308	102+419.85	1	102+419.85	450	3.0	1.5	9
309	102+427.00	1	102+427.00	300	3.1	1.7	9
310	102+440.00	1	102+440.00	300	3.2	1.7	9
311	102+441.00	1	102+442.00	300	1.1	0.6	9
312	102+455.00	1	102+454.00	300	1.0	0.5	9
313	102+470.00	1	102+470.00	300	19.0	11.7	9
314	102+470.00	2	102+470.00	300	1.3	0.9	9
315	102+495.00	1	102+494.97	300	19.0	7.7	9
316	102+494.97	1	102+495.00	300	1.0	0.4	9
317	102+520.00	1	102+520.00	300	19.0	7.7	9
318	102+520.00	1	102+495.00	300	23.6	11.6	9
319	102+550.00	1	102+550.00	300	19.0	10.1	9
320	102+550.00	1	102+574.99	300	23.5	14.5	9
321	102+603.00	1	102+602.98	300	19.0	11.7	9
322	102+602.98	1	102+603.00	300	1.0	0.6	9
323	10+045.00		10+046.21	600	24.0	8.7	18
324	104+013.31	1	104+013.31	750X475	28.6	11.3	13
325	10+157.00	1	10+139.00	300	16.0	3.7	18
326	104+013.31	1	104+013.31	750X475	28.6	11.3	13
327	10+096.99		10+046.21	300	49.3	22	18
328	10+075.00	1	10+068.17	300	6.1	1.4	18
329	10+068.17	1	10+064.66	300	4.8	1.3	18
330	102+544.25		102+534.10	300	8.8	2.4	9
331	104+013.31	2	104+040.74	1325X850	24.5	21.4	13
332	102+602.00		102+586.50	300	16.0	5.1	9
333	102+628.00	1	102+628.00	300	19.0	11.7	9
334	102+628.00	1	102+628.00	300	1.0	0.6	9
335	102+653.00	2	102+653.00	300	19.0	12.6	9
336	102+653.00	1	102+653.00	300	1.0	0.6	9

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.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION IL RTE 22 (FAP 337) IL RTE 83 TO US 45 / IL 21 (MILWAUKEE AVE)
NAME	DATE	
		DRAINAGE SCHEDULES SHEET 7 OF 11

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

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
FINAL SURVEY PLOTTED \_\_\_\_\_  
NOTE BOOK TEMPLATE \_\_\_\_\_  
AREAS CHECKED \_\_\_\_\_  
NO. \_\_\_\_\_

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
ORIGINAL SURVEY PLOTTED \_\_\_\_\_  
NOTE BOOK TEMPLATE \_\_\_\_\_  
AREAS CHECKED \_\_\_\_\_  
NO. \_\_\_\_\_