F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	245
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	TYPE CB	TYPE INL.	DIA.	FRAME	TOP OF GRATE	N. INV.	E. INV.	S. INV.	W. INV.	OTHER INV.	SHEET NO.
481	NOT USED													
482	NOT USED													
483	100+578.540	14 LT			FES	450					210.181			3
484	NOT USED													
485	100+592.000	14.3 LT			FES	300					210.261			3
486	100+779.800	16.93 LT			FES	300						210.950		3
487	100+783.000	21 RT			FES	300			210.960					3
488	NOT USED													
489	100+966.000	18.71 LT			FES	450					208.712			4
490	100+792.200	12.6 RT	A			1200	T1F CL	212.500						3
491	100+980.000	19 LT			FES	300					208.671			4
492	100+982.000	19 LT			FES	450				208.650				4
493	102+971.000	17.67 LT	A			1200	T1F CL	212.290	209.973		209.973			10
494	102+971.000	22.25 RT			FES	600			209.397					10
495	NOT USED													
496	103+766.750	14 RT			DS-T1		(2) T20 FG	204.529		203.159				13
497	NOT USED													
498	103+776.320	16.54 RT	JC			2600X6400	T1F CL	204.500	201.870		201.870	202.500		13
499	104+353.500	24 LT			FES	600				201.306				14
500	104+391.270	18.8 LT			FES	600						200.337		14
501	104+475.000	17.66 LT			FES	1700x1075					199.880			15
502	NOT USED													
503	NOT USED													
504	102+965.000	24 LT			FES	300					210.001			10
505	NOT USED													
506	NOT USED													
507	NOT USED													
701	100+080.000	4.73 RT			INL A	600	T24 FG	216.179			215.559			1
702	100+080.000	6.43 RT		CB A		1200	T24 FG	216.035	214.665	214.665				1
703	100+181.000	4.02 LT			INL A	600	T24 FG	214.745			214.125			2
704	100+181.000	2.45 RT		CB A		1200	T24 FG	214.603	213.233		213.233			2
705	100+286.500	2.45 LT			INL A	600	T24 FG	213.528			212.908			2
706	100+286.500	1.72 RT		CB A		1200	T24 FG	213.542	212.172		212.172			2
707	100+368.500	2.45 LT			INL A	600	T24 FG	212.939			212.319			2
708	100+368.500	0.7 LT		CB A		1200	T24 FG	213.011	211.641	211.641				2
709	100+494.200	2.45 LT			INL A	600	T24 FG	212.037			211.417			3
710	100+494.200	2.45 RT		CB A		1200	T24 FG	212.037	210.667	210.667				3
711	100+578.540	2.45 LT			INL A	600	T3 FG	211.517	210.897					3
712	100+578.430	2.45 RT			INL A	600	T3 FG	211.517			210.897			3
713	100+660.500	2.45 LT			INL A	600	T24 FG	212.348			211.728			3
714	100+660.500	0.69 LT		CB A		1200	T24 FG	212.411	211.041		211.041			3
715	100+847.300	2.45 LT		CB A		1200	T24 FG	213.761	212.391	212.391				4
716	100+847.300	2.45 RT			INL A	600	T24 FG	213.761	213.141					4
717	100+952.700	2.45 LT		CB A		1200	T24 FG	212.339			210.969	210.969		4
718	100+952.700	2.45 RT			INL A	600	T24 FG	212.339	211.719					4
719	101+087.000	2.45 LT		CB A		1200	T24 FG	213.456			212.086	212.086		4
720	101+087.000	2.45 T			INL A	600	T24 FG	213.456	212.836					4

PROPOSED SEWERS TABLE

NO.	U/S STA.	TYPE	D/S STA.	DIA. (mm)	LENGTH (m)	TB (CU M)	SHEET NO.
481	NOT USED		-				
482	NOT USED		-				
483	NOT USED		-				
484	NOT USED		-				
485	NOT USED		-				
486	100+779.80	1	100+792.20	300	11.6	5.7	3
487	NOT USED		-				
488	NOT USED		-				
489	NOT USED		-				
490	100+792.20	1	100+792.20	300	28.0	13.7	3
491	NOT USED		-				
492	NOT USED		-				
493	NOT USED		-				
494	NOT USED		-				
495	NOT USED		-				
496	NOT USED		-				
497	NOT USED		-				
498	NOT USED		-				
499	NOT USED		-				
500	NOT USED		-				
501	NOT USED		-				
502	NOT USED		-				
503	NOT USED		-				
504	NOT USED		-				
505	NOT USED		-				
506	NOT USED		-				
507	NOT USED		-				
701	100+080.00	1	100+080.00	300	1.0	0.2	1
702	100+080.00	1	100+083.00	300	2.4	0.6	1
703	100+181.00	1	100+181.00	300	5.7	1.3	2
704	100+181.00	1	100+178.80	300	2.9	0.7	2
705	100+286.50	1	100+286.50	300	3.4	0.8	2
706	100+286.50	1	100+284.70	300	2.5	0.6	2
707	100+368.50	1	100+368.50	300	1.0	0.2	2
708	100+368.50	1	100+369.90	300	1.7	0.4	2
709	100+494.20	1	100+494.20	300	4.1	1	3
710	100+494.20	1	100+496.90	300	2.5	0.6	3
711	100+578.54	1	100+578.54	300	7.1	1.7	3
712	100+578.43	1	100+578.43	300	7.1	1.7	3
713	100+660.50	1	100+660.50	300	1.0	0.2	3
714	100+660.50	1	100+664.10	300	4.5	1	3
715	100+847.30	1	100+850.00	300	2.6	0.6	4
716	100+847.30	1	100+847.30	300	4.1	1	4
717	100+952.70	1	100+950.00	300	3.0	0.7	4
718	100+952.70	1	100+952.70	300	4.1	1	4
719	101+087.00	1	101+084.00	300	3.6	0.8	4
720	101+087.00	1	101+087.00	300	4.1	1	4

LEGEND:

FST FLAT SLAB TOP

FES FLARED END SECTION

FES-E FLARED END SECTION, ELLIPTICAL EQUIVALENT ROUND SIZE

DS T1 DRAINAGE STRUCTURE, TYPE 1

● 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	
NAME	DATE

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

DRAINAGE SCHEDULES

SHEET 11 OF 11

SCALE: NONE DRAWN BY: MB

DATE: 03-22-2004 CHECKED BY: JNR

FINAL SURVEY: SURVEYED ___ BY ___ DATE ___; PLOTTED ___; NOTE BOOK ___; TEMPLATE ___; AREAS ___; AREAS CHECKED ___; NO. ___

ORIGINAL SURVEY: SURVEYED ___ BY ___ DATE ___; PLOTTED ___; NOTE BOOK ___; TEMPLATE ___; AREAS ___; AREAS CHECKED ___; NO. ___