

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	245A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
0-91-552-99		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.									
721	101+184.000	2.45 LT		CB A		1200	T24 FG	214.719			213.349	213.349		5
722	101+184.000	0.87 LT			INL A	600	T24 FG	214.785	214.165					5
723	101+333.000	0.41 RT			INL A	600	T24 FG	214.429			213.809			5
724	101+333.000	2.45 RT		CB A		1200	T24 FG	214.372	213.002		213.002			5
725	101+446.100	4.45 LT			INL A	600	T24 FG	211.982			211.362			5
726	101+446.100	0.56 RT		CB A		1200	T24 FG	212.020	210.650					5
727	101+547.500	4.45 LT			INL A	600	T3 FG	211.332			210.712			6
728	101+547.500	2.75 LT		CB A		1200	T24 FG	211.436	210.066	210.066				6
729	101+693.700	4.45 RT		CB A		1200	T21 FG	211.998			210.628			6
730	101+844.500	0.4 LT		CB A		1200	T24 FG	211.796			210.426			7
731	101+952.500	0.85 LT		CB A		1200	T24 FG	211.117			209.747			7
732	102+016.200	3.2 LT			INL A	600	T3 FG	210.649			210.029			7
733	102+191.500	0.72 LT		CB A		1200	T21 FG	210.797	209.427		209.427			8
734	102+191.500	2.45 RT			INL A	600	T3 FG	210.763	210.143					8
735	102+280.700	2.45 LT		CB A		1200	T21 FG	210.316			208.946	208.946		8
736	102+280.700	2.45 RT			INL A	600	T3 FG	210.316	209.696					8
737	102+349.000	2.45 LT		CB A		1200	T21 FG	209.975			208.605	208.605		8
738	102+349.000	1.09 RT			INL A	600	T3 FG	209.948	209.328					8
739	102+419.800	2.45 LT			INL A	600	T3 FG	209.670	209.050					9
740	102+419.800	1.1 LT			INL A	600	T3 FG	209.775			209.155			9
741	102+472.500	2.45 LT		CB A		1200	T24 FG	209.887			208.517	208.517		9
742	102+472.500	2.45 RT			INL A	600	T24 FG	209.887	209.267					9
743	102+630.500	2.45 LT		CB A		1200	T21 FG	210.151			208.781	208.781		9
744	102+630.500	0.77 LT			INL A	600	T3 FG	210.223	209.603					9
745	102+730.100	2.45 LT		CB A		1200	T21 FG	209.743			208.373	208.373		10
746	102+730.100	2.45 RT			INL A	600	T3 FG	209.743	209.123					10
747	102+982.000	1.24 LT			INL A	600	T24 FG	212.376			211.756			10
748	102+982.000	2.45 RT		CB A		1200	T24 FG	212.352	210.982		210.982			10
749	103+054.600	2.45 LT			INL A	600	T24 FG	211.198			210.578			10
750	103+054.600	2.45 RT		CB A		1200	T24 FG	211.198	209.828	209.828				10
751	103+162.600	2.45 LT			INL A	600	T24 FG	209.712			209.092			11
752	103+162.600	0.39 LT		CB A		1200	T24 FG	209.784	208.414	208.414				11
753	103+312.500	2.45 LT			INL A	600	T24 FG	208.035			207.415			11
754	103+312.500	0.5 LT		CB A		1200	T24 FG	208.110	206.740		206.740			11
755	103+395.100	0.56 RT			INL A	600	T24 FG	207.710			207.090			11
756	103+395.100	2.45 RT		CB A		1200	T24 FG	207.634	206.264	206.264				11
757	103+615.000	2.45 LT			INL A	600	T24 FG	206.291			205.671			12
758	103+615.000	0.76 LT		CB A		1200	T24 FG	206.371	205.001	205.001				12
759	103+818.400	2.45 LT			INL A	600	T3 FG	204.437			203.817			13
760	103+818.400	0.35 LT		CB A		1200	T21 FG	204.509	203.139	203.139				13
761	103+985.200	1.52 LT			INL A	600	T24 FG	203.326			202.706			13
762	103+985.200	2.45 RT		CB A		1200	T24 FG	203.306	201.936	201.936				13
763	104+049.200	2.45 LT			INL A	600	T3 FG	202.743			202.123			13
764	104+049.200	0.99 RT		CB A		1200	T21 FG	202.772	201.402	201.402				13
765	104+199.000	2.9 RT		CB A		1200	T21 FG	203.255	201.885		201.885			14
766	104+344.000	0.965 LT		CB A		1200	T21 FG	202.880	201.510		201.510			14
767	NOT USED													
768	NOT USED													

PROPOSED SEWERS TABLE

NO.	U/S STA.	TYPE	D/S STA.	DIA. (mm)	LENGTH (m)	TB (CU M)	SHEET NO.
721	101+184.00	1	101+182.00	300	2.2	0.5	5
722	101+184.00	1	101+184.00	300	1.0	0.2	5
723	101+333.00	1	101+333.00	300	1.3	0.3	5
724	101+333.00	1	101+330.00	300	2.7	0.6	5
725	101+446.10	1	101+446.10	300	4.3	1	5
726	101+446.10	1	101+449.00	300	3.3	0.8	5
727	101+547.50	1	101+547.50	300	1.0	0.2	6
728	101+547.50	1	101+550.40	300	3.7	0.9	6
729	101+693.70	1	101+691.00	300	2.6	0.6	6
730	101+844.50	1	101+847.00	300	4.2	1	7
731	101+952.50	1	101+952.50	300	2.1	0.5	7
732	102+016.20	1	102+018.26	300	5.3	1.2	7
733	102+191.50	1	102+194.00	300	3.3	0.8	8
734	102+191.50	1	102+191.50	300	2.4	0.6	8
735	102+280.70	1	102+278.90	300	2.4	0.6	8
736	102+280.70	1	102+280.70	300	4.1	1	8
737	102+349.00	1	102+346.10	300	3.1	0.7	8
738	102+349.00	1	102+349.00	300	2.8	0.7	8
739	102+419.80	1	102+419.77	300	7.8	1.8	9
740	102+419.80	1	102+419.85	300	11.4	2.7	9
741	102+472.50	1	102+470.00	300	2.7	0.6	9
742	102+472.50	1	102+472.50	300	4.1	1	9
743	102+630.50	1	102+628.00	300	2.4	0.6	9
744	102+630.50	1	102+630.50	300	.9	0.2	9
745	102+730.10	1	102+727.20	300	3.6	0.8	10
746	102+730.10	1	102+730.10	300	4.2	1	10
747	102+982.00	1	102+982.00	300	2.9	0.7	10
748	102+982.00	1	102+979.00	300	4.2	1	10
749	103+054.60	1	103+054.60	300	4.2	1	10
750	103+054.60	1	103+057.20	300	3.1	0.7	10
751	103+162.60	1	103+162.60	300	1.3	0.3	11
752	103+162.60	1	103+164.90	300	2.4	0.6	11
753	103+312.50	1	103+312.50	300	1.2	0.3	11
754	103+312.50	1	103+310.10	300	2.7	0.6	11
755	103+395.10	1	103+395.10	300	1.1	0.3	11
756	103+395.10	1	103+398.00	300	2.9	0.7	11
757	103+615.00	1	103+615.00	300	1.0	0.2	12
758	103+615.00	1	103+618.00	300	3.7	0.9	12
759	103+818.40	1	103+818.40	300	1.3	0.3	13
760	103+818.40	1	103+821.00	300	2.5	0.6	13
761	103+985.20	1	103+985.20	300	3.2	0.7	13
762	103+985.20	1	103+988.00	300	3.0	0.7	13
763	104+049.20	1	104+049.20	300	2.8	0.7	13
764	104+049.20	1	104+052.00	300	3.2	0.7	13
765	104+199.00	1	104+199.00	300	6.2	1.4	14
766	104+344.00	1	104+344.00	300	13.3	3.1	14
767	-	-	-	-	-	-	-
768	-	-	-	-	-	-	-

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		ILLINOIS DEPARTMENT OF TRANSPORTATION IL RTE 22 (FAP 337) IL RTE 83 TO US 45 / IL 21 (MILWAUKEE AVE)
NAME	DATE	
		DRAINAGE SCHEDULES SHEET 11A OF 11
SCALE: NONE		DRAWN BY: MB
DATE: 03-22-2004		CHECKED BY: JNR

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

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