F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	267
STA. 1200+00.00	TO STA. 1365+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• (1516.1, 1717 & 1818) R-9

62695

UNDERDRAIN SCHEDULE

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
7451+16.25 - 7450+92.85	11.68 LT - 11.36 LT	23.4	C1	2.0
7450+92.85 - 7449+41.43	11.36 LT - 18.00 LT	151.4	C2	2.0
7449+41.43 - 7447+82.84	18.00 LT - 18.00 LT	158.6	12	2.0
7447+82.84 - 7445+84.32	18.00 LT - 18.00 LT	198.5	24	2.0
7445+84.32 - 7444+17.23	18.00 LT - 18.00 LT	167.1	28	2.0
7442+55.55 - 7444+17.23	18.00 LT - 18.00 LT	161.7	28	2.0
7448+72.94 - 7447+82.84	4.00 RT - 4.00 RT	90.1	13	2.0
7447+82.84 - 7447+21.20	4.00 RT - 4.00 RT	61.6	22	2.0
7447+21.20 - 7445+85.90	4.00 RT - 4.00 RT	135.3	23	2.0
7445+85.90 - 7444+17.15	4.00 RT - 4.00 RT	168.8	27	2.0
7444+17.15 - 7443+59.82	4.00 RT - 4.00 RT	57.3	29	2.0
7443+59.82 - 7443+00.00	4.00 RT - 4.00 RT	59.8	210	2.0
7442+55.55 - 7443+00.00	4.00 RT - 4.00 RT	44.4	210	2.0
112+56.17 - 112+70.46	96.07 LT - 33.19 LT	0.0	EX	69.0
7432+30.00 - 7430+93.99	0.82 LT - 9.60 LT	136.0	C8	2.0
7430+93.99 - 7429+22.06	9.60 LT - 18.00 LT	171.9	52	2.0
7429+22.06 - 7428+06.17	18.00 LT - 18.00 LT	115.9	54	2.0
7428+06.17 - 7425+91.58	18.00 LT - 18.00 LT	214.6	64	2.0
7425+91.58 - 7424+68.20	18.00 LT - 18.00 LT	123.4	67	2.0
7424+68.20 - 7423+61.17	18.00 LT - 4.00 RT	107.0	68	22.0
7430+17.05 - 7429+22.06	4.00 RT - 4.00 RT	95.0	51	2.0
7429+22.06 - 7428+06.29	4.00 RT - 4.00 RT	115.8	53	2.0
7428+06.29 - 7425+91.41	4.00 RT - 4.00 RT	214.9	63	2.0
7425+91.41 - 7424+05.82	4.00 RT - 4.00 RT	185.6	65	2.0
7424+05.82 - 7423+61.17	4.00 RT - 4.00 RT	44.6	68	2.0
7422+92.25 - 7422+40.45	4.00 RT - 4.00 RT	51.8	69	2.0
7423+00.06 - 7422+40.45	16.00 LT - 4.00 RT	59.6	69	21.0
7423+37.14 - 7423+61.17	16.00 LT - 4.00 RT	24.0	68	22.0
7423+41.60 - 7423+61.17	4.00 RT - 4.00 RT	19.6	68	2.0
7423+07.28 - 7422+92.25	4.00 RT - 4.00 RT	15.0	613	2.0
7423+61.17 - 7423+61.17	4.00 RT - 4.00 RT	0.0	68	20.0
7422+92.25 - 7422+92.25	4.00 RT - 4.00 RT	0.0	613	12.0
7423+07.28 - 7423+07.28	8.00 RT - 4.00 RT	0.0	PUD	4.0
1024+51.10 - 1023+41.59	119.67 LT - 58.79 LT	0.0	EX	167.0
1212+34.73 - 1212+07.56	113.67 LT - 80.63 LT	0.0	98	45.0
1219+83.91 - 1220+56.70	86.10 LT - 77.66 LT	0.0	1113	75.0
1217+34.98 - 1217+22.86	100.42 LT - 80.32 LT	0.0	1017	25.0
1204+51.08 1205+13.94	117.65 LT 62.28 LT	0.0	EX	88.0
7423+64.35 7423+61.17	10.52 RT 2.00 RT	0.0	68	9.1
7422+93.51 7422+92.25	10.87 RT 2.00 RT	0.0	613	9.0
7417+38.20 - 7416+48.70	21.45 LT - 10.85 LT	89.5	C11	2.0
7416+48.70 - 7415+08.83	10.85 LT - 18.60 LT	139.9	93	2.0
7415+08.83 - 7414+67.82	18.60 LT - 18.60 LT	41.0	94	2.0
7414+67.82 - 7414+27.80	18.60 LT - 18.60 LT	40.0	101	2.0
7414+27.80 - 7413+88.11	18.60 LT - 19.00 LT	39.7	102	2.0
7413+88.11 - 7413+13.06	19.00 LT - 18.00 LT	75.0	103	2.0
7413+13.06 - 7412+61.98	18.00 LT - 18.00 LT	51.1	105	2.0
7412+61.98 - 7411+72.14	18.00 LT - 18.00 LT	89.8	108	2.0
7411+72.14 - 7410+37.03	18.00 LT - 18.00 LT	135.1	1016	2.0
7410+37.03 - 7408+78.99	18.00 LT - 18.00 LT	158.0	1015	2.0
7408+78.99 - 7405+91.56	18.00 LT - 18.00 LT	287.4	116	2.0
7405+91.56 - 7405+07.86	18.00 LT - 4.00 RT	83.7	118	20.0
7412+40.16 - 7411+76.16	4.00 RT - 4.00 RT	64.0	109	2.0
7411+76.16 - 7410+95.16	4.00 RT - 4.00 RT	81.0	1010	2.0

UNDERDRAIN SCHEDULE (CONT.)

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
7410+95.16 - 7410+75.16	4.00 RT - 4.00 RT	20.0	1011	2.0
7410+75.16 - 7410+55.16	4.00 RT - 4.00 RT	20.0	1012	2.0
7410+55.16 - 7408+78.99	4.00 RT - 4.00 RT	176.2	1014	2.0
7408+78.99 - 7407+10.36	4.00 RT - 4.00 RT	168.6	113	2.0
7407+10.36 - 7405+82.85	4.00 RT - 4.00 RT	127.5	117	2.0
7405+82.85 - 7405+07.86	4.00 RT - 4.00 RT	75.0	118	2.0
7403+87.70 - 7405+07.86	4.00 RT - 4.00 RT	120.2	118	2.0
7403+87.70 - 7405+07.86	16.00 LT - 4.00 RT	120.2	118	21.0
7407+10.36 - 7407+10.36	4.00 RT - 4.00 RT	0.0	113	6.0
7407+09.32 - 7407+03.05	33.42 RT - 16.63 RT	0.0	115	20.0
7405+83.03 - 7405+82.22	40.79 RT - 14.83 RT	0.0	1120	24.0
1230+11.19 - 1231+28.37	129.07 LT - 79.10 LT	0.0	132	166.0
1235+15.52 - 1235+15.52	128.80 LT - 60.83 LT	0.0	EX	70.0
7196+67.73 - 7197+53.91	0.00 CL - 3.66 LT	86.2	C22	2.0
7197+53.91 - 7198+43.68	3.66 LT - 8.90 LT	89.8	1612	2.0
7198+43.68 - 7199+33.61	8.90 LT - 14.20 LT	89.9	1611	2.0
7199+33.61 - 7199+78.73	14.20 LT - 16.80 LT	45.1	161	2.0
7199+78.73 - 7200+30.94	16.80 LT - 18.00 LT	52.2	1610	2.0
7200+30.94 - 7200+77.00	18.00 LT - 18.00 LT	46.1	166	2.0
7200+77.00 - 7201+18.56	18.00 LT - 18.00 LT	41.6	165	2.0
7201+18.56 - 7202+08.63	18.00 LT - 18.00 LT	90.1	164	2.0
7202+08.63 - 7203+84.97	18.00 LT - 18.00 LT	176.3	1513	2.0
7203+84.97 - 7205+79.85	18.00 LT - 18.00 LT	194.9	155	2.0
7208+63.07 - 7205+79.85	18.00 LT - 18.00 LT	283.2	155	2.0
7201+47.10 - 7202+11.10	4.00 RT - 4.00 RT	64.0	163	2.0
7202+11.10 - 7202+89.27	4.00 RT - 4.00 RT	78.2	1512	2.0
7202+89.27 - 7204+00.00	4.00 RT - 4.00 RT	110.7	158	2.0
7204+00.00 - 7205+22.19	4.00 RT - 4.00 RT	122.2	1518	2.0
7205+22.19 - 7205+68.70	4.00 RT - 4.00 RT	46.5	153	2.0
7208+63.07 - 7207+34.39	4.00 RT - 4.00 RT	128.7	151	2.0
7207+34.39 - 7206+31.92	4.00 RT - 4.00 RT	102.5	1515	2.0
7206+31.92 - 7205+88.58	4.00 RT - 4.00 RT	43.3	157	2.0
7205+68.70 - 7205+68.70	16.00 LT - 4.00 RT	16.0	153	4.0
7205+78.64 - 7205+78.64	16.00 LT - 4.00 RT	16.0	156	4.0
7205+88.58 - 7205+88.58	16.00 LT - 4.00 RT	16.0	157	4.0
7204+27.95 - 7203+86.05	19.70 RT - 9.80 RT	0.0	1510	56.0
1249+02.97 - 1249+02.97	73.50 LT - 73.50 LT	0.0	154	9.0
1251+86.17 - 1252+41.48	97.00 LT - 77.10 LT	0.0	159	75.0
1255+81.16 - 1255+78.42	118.65 LT - 79.35 LT	0.0	169	42.1
7190+45.82 - 7189+43.20	20.58 LT - 18.53 LT	102.6	C23	2.0
7189+43.20 - 7188+35.50	18.53 LT - 18.00 LT	107.7	174	2.0
7188+35.50 - 7186+10.28	18.00 LT - 18.00 LT	225.2	183	2.0
7186+10.28 - 7184+47.97	18.00 LT - 18.00 LT	162.3	184	2.0
7182+55.55 - 7184+47.97	18.00 LT - 18.00 LT	192.4	184	2.0
7188+95.47 - 7188+35.50	4.00 RT - 4.00 RT	60.0	173	2.0
7188+35.50 - 7186+10.28	4.00 RT - 4.00 RT	225.2	1823	2.0
7186+10.28 - 7184+40.45	4.00 RT - 25.96 RT	155.0	181	2.0
7182+99.51 - 7184+20.53	38.31 RT - 27.71 RT	121.0	188	2.0
7181+29.47 - 7182+35.74	4.00 RT - 41.81 RT	113.3	1816	2.0
7182+99.51 - 7182+46.15	38.31 RT - 42.49 RT	53.4	1817	2.0
7184+24.19 - 7184+40.45	18.00 LT - 25.96 RT	39.0	181	4.0
7184+33.75 - 7184+30.49	18.00 LT - 26.84 RT	40.0	187	4.0
7184+43.31 - 7184+20.53	18.00 LT - 27.71 RT	41.0	188	4.0
7182+46.15 - 7182+46.15	42.50 LT - 42.50 LT	0.0	1817	15.0

NOTES:

1. SEE SHEET TITLED "DRAINAGE DETAILS" FOR PIPE UNDERDRAIN 6", AT ROADWAY SAGS.
2. SEE DRAINAGE AND UTILITY PLANS FOR GENERAL PIPE LOCATIONS AND LIMITS.
3. SEE "PIPE UNDERDRAINS ALONG RAMPS DETAILS" FOR EXACT LOCATION AND DETAILS.

TY·LIN INTERNATIONAL

REVISIONS NAME	DATE
REVISED	05/06/05
REVISED	04/15/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)

DRAINAGE SCHEDULE
PROPOSED UNDERDRAINS

SCALE: NONE DRAWN BY: RTM

DATE: MARCH 25, 2005 CHECKED BY: DA