F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	268
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 (CONT.)

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
7520+81.41 - 7520+44.20	16.89 LT - 17.70 LT	37.2	2014	2.0
7520+44.20 - 7519+98.20	17.70 LT - 17.70 LT	46.0	2015	2.0
7519+52.20 - 7519+08.04	17.70 LT - 18.00 LT	44.2	2016	2.0
7519+98.20 - 7519+52.20	17.70 LT - 17.70 LT	46.0	204	2.0
7519+08.04 - 7518+63.32	18.00 LT - 18.00 LT	44.7	2017	2.0
7518+63.62 - 7518+26.15	18.00 LT - 18.10 LT	37.5	208	2.0
7518+26.15 - 7517+74.47	18.10 LT - 18.00 LT	51.7	2018	2.0
7517+74.47 - 7517+21.96	18.00 LT - 16.00 LT	52.5	2010	2.0
7517+21.96 - 7515+91.86	16.00 LT - 18.00 LT	130.1	226	2.0
7515+91.86 - 7513+89.06	18.00 LT - 18.00 LT	202.8	2213	2.0
7517+83.76 - 7517+74.47	4.00 RT - 4.00 RT	9.3	2019	2.0
7517+74.47 - 7517+24.00	4.00 RT - 4.00 RT	50.5	209	2.0
7517+24.00 - 7515+28.04	4.00 RT - 4.00 RT	196.0	225	2.0
7515+28.04 - 7514+49.02	4.00 RT - 4.00 RT	79.0	2218	2.0
7514+49.02 - 7513+79.75	4.00 RT - 4.00 RT	69.3	227	2.0
7513+79.75 - 7513+79.75	43.70 LT - 4.00 RT	39.7	227	4.0
7513+69.75 - 7513+69.75	43.29 LT - 4.00 RT	39.3	228	4.0
7513+59.75 - 7513+59.75	42.60 LT - 4.00 RT	38.6	229	4.0
9460+77.65 - 9462+99.99	2.00 LT - 2.00 LT	222.3	2214	2.0
7512+97.99 - 7513+59.75	4.00 RT - 4.00 RT	61.8	229	2.0
7512+27.09 - 7512+97.99	4.00 RT - 4.00 RT	70.9	2220	2.0
7511+68.99 - 7512+27.09	4.00 RT - 4.00 RT	58.1	2210	2.0
7511+10.82 - 7511+68.99	4.00 RT - 4.00 RT	58.2	2221	2.0
7509+53.76 - 7511+65.89	26.00 LT - 30.70 LT	212.1	2211	2.0
7510+32.50 - 7511+10.82	4.00 RT - 4.00 RT	78.3	2222	2.0
7509+53.76 - 7510+32.50	4.00 RT - 4.00 RT	78.7	2416	2.0
7508+67.00 - 7509+53.76	4.00 RT - 4.00 RT	86.8	245	2.0
7507+79.65 - 7508+67.00	4.00 RT - 4.00 RT	87.3	2417	2.0
7506+69.65 - 7507+79.65	4.00 RT - 4.00 RT	110.0	2410	2.0
7505+54.25 - 7506+69.65	4.00 RT - 4.00 RT	115.4	2413	2.0
7507+79.65 - 7509+53.76	27.40 LT - 26.00 LT	174.1	244	2.0
9456+32.00 - 9457+52.51	2.00 LT - 2.00 LT	120.5	249	2.0
9455+74.89 - 9456+32.00	2.00 LT - 2.00 LT	57.1	2418	2.0
9455+74.89 - 9453+76.20	2.00 LT - 2.00 LT	198.7	267	2.0
9453+76.20 - 9452+00.96	2.00 LT - 2.00 LT	175.2	2615	2.0
9452+00.96 - 9450+30.68	2.00 LT - 2.00 LT	170.3	2627	2.0
9455+35.12 - 9453+75.76	20.00 RT - 20.00 RT	159.4	268	2.0
9453+75.76 - 9452+00.96	20.00 RT - 20.00 RT	174.8	2614	2.0
9452+00.96 - 9450+26.74	20.00 RT - 20.00 RT	174.2	2620	2.0
7504+65.60 - 7505+54.25	4.00 RT - 4.00 RT	88.7	261	2.0
7504+41.96 - 7504+65.60	5.20 RT - 4.00 RT	23.6	265	2.0
7504+30.00 - 7505+54.25	18.00 LT - 18.00 LT	124.3	262	2.0
7503+84.54 - 7504+30.00	18.00 LT - 18.00 LT	45.5	2624	2.0
7503+46.66 - 7503+84.54	18.00 LT - 18.00 LT	37.9	2610	2.0
9463+03.62 - 9464+51.89	20.00 RT - 20.00 RT	148.3	2216	2.0
9462+99.99 - 9464+51.89	2.00 LT - 20.00 RT	151.9	2216	19.0
7513+59.75 - 7513+59.75	9.40 RT - 4.00 RT	0.0	229	6.0
7510+88.03 - 7511+10.82	23.70 RT - 4.00 RT	0.0	2222	29.0
7509+06.33 - 7508+67.00	26.63 RT - 4.00 RT	0.0	2417	43.0
7509+06.33 - 7508+67.00	26.63 RT - 4.00 RT	0.0	2417	43.0
7505+20.99 - 7505+51.79	8.18 LT - 2.46 LT	0.0	261	37.3
7138+79.73 - 7136+79.43	20.66 LT - 21.20 LT	200.3	328	2.0
7136+79.43 - 7135+72.34	21.20 LT - 18.00 LT	107.1	3214	2.0
7135+72.34 - 7134+24.98	18.00 LT - 18.00 LT	147.4	327	2.0

UNDERDRAIN SCHEDULE (CONT.)

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
7134+24.98 - 7132+25.25	18.00 LT - 18.00 LT	199.7	344	2.0
7131+85.55 - 7132+25.25	18.00 LT - 18.00 LT	39.7	344	2.0
7136+32.45 - 7135+72.34	4.00 RT - 4.00 RT	60.1	3213	2.0
7135+72.34 - 7135+30.48	4.00 RT - 4.00 RT	41.9	3215	2.0
7135+30.48 - 7135+10.48	4.00 RT - 4.00 RT	20.0	3216	2.0
7135+10.48 - 7134+90.48	4.00 RT - 4.00 RT	20.0	3217	2.0
7134+90.48 - 7134+24.98	4.00 RT - 4.00 RT	65.5	326	2.0
7134+24.98 - 7133+51.16	4.00 RT - 5.00 RT	73.8	329	2.0
7133+51.16 - 7132+35.25	5.00 RT - 22.70 RT	115.9	347	2.0
7128+10.25 - 7129+49.99	4.00 RT - 33.00 RT	139.7	3428	2.0
7129+49.99 - 7131+01.00	33.00 RT - 28.00 RT	151.0	3418	2.0
7131+01.00 - 7131+74.99	28.00 RT - 25.50 RT	74.0	3414	2.0
7131+74.99 - 7132+15.25	25.50 RT - 24.00 RT	40.3	3420	2.0
7132+15.25 - 7132+15.25	6.00 RT - 24.00 RT	18.0	3420	4.0
7132+25.25 - 7132+25.25	6.00 RT - 23.40 RT	17.4	346	4.0
7132+35.25 - 7132+35.25	6.00 RT - 22.60 RT	16.6	347	4.0
7129+91.31 - 7130+84.06	36.00 LT - 39.00 LT	92.8	3422	2.0
9430+66.10 - 9434+15.16	0.00 CL - 20.00 RT	349.1	325	20.0
9434+40.27 - 9434+15.16	0.00 CL - 20.00 RT	25.1	325	20.0
9431+66.32 - 9432+79.28	20.00 RT - 20.00 RT	113.0	342	2.0
9432+79.28 - 9433+52.73	20.00 RT - 20.00 RT	73.4	3220	2.0
9433+52.73 - 9434+15.16	20.00 RT - 20.00 RT	62.4	325	2.0
9434+40.27 - 9434+15.16	20.00 RT - 20.00 RT	25.1	325	2.0
7129+91.31 - 7128+10.24	36.00 LT - 32.00 LT	181.1	3431	2.0
7128+10.24 - 7126+33.43	32.00 LT - 38.00 LT	176.8	363	2.0
9426+18.62 - 9424+24.98	0.00 CL - 20.00 RT	193.6	3612	16.0
9423+90.74 - 9424+24.98	0.00 CL - 20.00 RT	34.2	3612	16.0
9425+07.10 - 9424+24.98	20.00 RT - 20.00 RT	82.1	3612	2.0
9423+91.44 - 9424+24.98	20.00 RT - 20.00 RT	33.5	3612	2.0
9423+72.35 - 9423+58.81	20.00 RT - 20.00 RT	13.5	3618	2.0
7118+17.13 - 7118+34.39	1.00 LT - 1.00 LT	17.3	3820	2.0
7118+34.39 - 7118+54.39	1.00 LT - 1.00 LT	20.0	3819	2.0
7118+54.39 - 7119+59.36	1.00 LT - 12.80 LT	105.0	3817	2.0
7119+59.36 - 7120+12.37	12.80 LT - 18.00 LT	53.0	3816	2.0
7120+12.37 - 7120+70.07	18.00 LT - 18.00 LT	57.7	3814	2.0
7120+70.07 - 7121+22.57	18.00 LT - 18.00 LT	52.5	3810	2.0
7121+22.57 - 7123+70.88	18.00 LT - 18.00 LT	248.3	3622	2.0
7123+90.07 - 7123+70.88	18.00 LT - 18.00 LT	19.2	3622	2.0
7124+07.95 - 7124+91.22	18.00 LT - 18.00 LT	83.3	3615	2.0
7125+22.48 - 7124+91.22	18.00 LT - 18.00 LT	31.3	3615	2.0
7120+62.57 - 7121+22.57	4.00 RT - 4.00 RT	60.0	3811	2.0
7121+22.57 - 7121+85.56	4.00 RT - 4.00 RT	63.0	3822	2.0
7121+85.56 - 7122+00.56	4.00 RT - 4.00 RT	15.0	388	2.0
7122+00.56 - 7122+15.56	4.00 RT - 4.00 RT	15.0	387	2.0
7122+15.56 - 7122+72.19	4.00 RT - 4.00 RT	56.6	3627	2.0
7122+72.19 - 7123+70.52	4.00 RT - 4.00 RT	98.3	3624	2.0
7123+88.67 - 7123+70.53	4.00 RT - 4.00 RT	18.1	3624	2.0
7124+06.99 - 7124+57.10	4.00 RT - 4.00 RT	50.1	3616	2.0
7124+57.10 - 7124+81.21	4.00 RT - 4.00 RT	24.1	3625	2.0
7128+10.25 - 7126+32.45	4.00 RT - 4.00 RT	177.8	362	2.0
7126+32.45 - 7125+61.69	4.00 RT - 4.00 RT	70.8	369	2.0
7125+61.69 - 7125+01.23	4.00 RT - 4.00 RT	60.5	3613	2.0
7124+81.21 - 7124+81.21	16.00 LT - 4.00 RT	20.0	3625	4.0
7124+91.22 - 7124+91.22	16.00 LT - 4.00 RT	20.0	3614	4.0

UNDERDRAIN SCHEDULE (CONT.)

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
7125+01.23 - 7125+01.23	16.00 LT - 4.00 RT	20.0	3613	4.0

MANHOLE RECONSTRUCTION SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE DATA		EXISTING RIM EL	PROPOSED RIM EL
			MH TA	DROP MH		
112	145+26.66	55.61 LT		7' DIA.	3.47	1.05
115	1231+42.86	75.91 LT		10' DIA.	-0.39	-4.42
137	1348+80.46	92.78 LT		7' DIA.	0.00	-1.73

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.

SHEET 10 OF 10

TYLIN 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
MANHOLE RECONSTRUCTION

SCALE: NONE | DRAWN BY: RTM
DATE: MARCH 25, 2005 | CHECKED BY: DA