F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	916	385
STA. 190+65 (NB I-57) 1990+48 (NB FORD) TO STA. 2316+00 (NB RYAN				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717, & 1818) R-4				62304

UNDERDRAIN SCHEDULE

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
192+14.42 - 193+28.76	36.00 LT - 45.87 LT	114.3	EX	10.0
193+91.61 - 193+28.76	36.00 LT - 45.87 LT	62.9	EX	10.0
196+12.05 - 193+91.61	36.00 LT - 36.94 LT	220.4	EX	2.0
198+14.59 - 196+12.05	36.00 LT - 45.95 LT	202.5	EX	10.0
193+29.65 - 193+29.65	36.00 LT - 12.00 RT	36.0	21	12.0
193+40.04 - 193+40.04	36.00 LT - 12.00 RT	36.0	25	12.0
193+50.04 - 193+50.04	36.00 LT - 12.00 RT	36.0	24	12.0
193+29.65 - 193+40.04	12.00 RT - 12.00 RT	10.4	25	2.0
193+50.04 - 193+40.04	12.00 RT - 12.00 RT	10.0	25	2.0
•192+14.58 - 193+29.56	12.00 RT - 12.00 RT	115.0	21	2.0
194+28.13 - 193+50.04	12.00 RT - 12.00 RT	78.1	24	2.0
196+22.11 - 194+28.13	12.00 RT - 12.00 RT	194.0	22	2.0
198+14.59 - 196+22.11	12.00 RT - 12.00 RT	192.5	23	2.0
198+14.59 - 199+64.09	36.00 LT - 51.71 LT	149.5	31	10.0
199+64.04 - 201+99.54	36.00 LT - 52.14 LT	235.5	34	10.0
201+99.54 - 202+58.64	36.00 LT - 50.89 LT	59.1	37	10.0
202+58.64 - 203+92.02	36.00 LT - 50.95 LT	133.4	41	10.0
198+14.59 - 199+64.11	12.00 RT - 12.00 RT	149.5	32	2.0
199+64.11 - 200+57.93	12.00 RT - 12.00 RT	93.8	33	2.0
203+92.02 - 206+42.02	36.00 LT - 51.30 LT	250.0	44	10.0
206+42.02 - 208+33.70	36.00 LT - 46.77 LT	191.7	46	10.0
208+33.70 - 209+93.88	36.00 LT - 46.00 LT	160.2	51	10.0
203+58.09 - 203+92.17	26.14 RT - 25.55 RT	34.1	EX	2.0
203+92.17 - 204+75.17	25.55 RT - 23.89 RT	83.0	42	2.0
204+75.17 - 205+58.16	23.89 RT - 22.23 RT	83.0	43	2.0
205+58.16 - 206+42.16	22.23 RT - 20.55 RT	84.0	45	2.0
206+42.16 - 208+10.74	20.55 RT - 18.00 RT	168.6	47	2.0
•208+10.74 - 209+93.88	18.00 RT - 24.00 RT	183.1	52	2.0
209+93.88 - 212+23.93	46.00 LT - 46.00 LT	230.0	54	2.0
212+23.93 - 213+58.54	46.00 LT - 46.00 LT	134.6	57	2.0
213+58.54 - 214+71.28	46.00 LT - 46.00 LT	112.7	511	2.0
217+07.71 - 214+91.98	46.00 LT - 46.00 LT	215.7	512	2.0
209+93.88 - 212+23.98	24.00 RT - 24.00 RT	230.1	55	2.0
212+23.98 - 213+58.54	24.00 RT - 24.00 RT	134.6	58	2.0
213+58.54 - 214+71.28	24.00 RT - 24.00 RT	112.7	516	2.0
217+07.93 - 214+91.28	24.00 RT - 24.00 RT	216.7	517	2.0
214+71.28 - 214+81.28	36.00 LT - 46.00 LT	10.0	513	2.0
214+91.28 - 214+81.28	36.00 LT - 46.00 LT	10.0	513	2.0
214+71.28 - 214+71.28	36.00 LT - 24.00 RT	50.0	516	10.0
214+81.28 - 214+81.28	36.00 LT - 24.00 RT	50.0	518	10.0
214+91.28 - 214+91.28	36.00 LT - 24.00 RT	50.0	517	10.0
214+71.28 - 214+81.28	24.00 RT - 24.00 RT	10.0	518	2.0
214+91.28 - 214+81.28	24.00 RT - 24.00 RT	10.0	518	2.0
219+23.70 - 217+07.71	46.00 LT - 46.00 LT	216.0	61	2.0
220+91.70 - 219+23.70	46.00 LT - 46.00 LT	168.0	66	2.0
222+13.24 - 220+91.71	46.00 LT - 46.00 LT	121.5	69	2.0
•219+29.73 - 217+07.93	22.60 RT - 24.00 RT	221.8	62	2.0
220+92.96 - 219+29.73	26.66 RT - 22.60 RT	163.2	67	2.0
222+13.24 - 220+92.96	29.07 RT - 26.66 RT	120.3	610	2.0
223+87.44 - 222+13.24	46.00 LT - 46.00 LT	174.2	72	2.0
225+30.57 - 223+87.44	46.00 LT - 46.00 LT	143.1	75	2.0
226+60.23 - 225+30.57	46.00 LT - 46.00 LT	129.7	78	2.0
223+87.44 - 222+13.24	32.55 RT - 29.07 RT	174.2	73	2.0
225+33.30 - 223+87.44	35.48 RT - 32.55 RT	145.9	76	2.0

UNDERDRAIN SCHEDULE (CONT.)

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
226+61.84 - 225+33.30	38.05 RT - 35.48 RT	128.5	79	2.0
227+98.09 - 226+60.23	46.00 LT - 46.00 LT	137.9	81	2.0
229+87.90 - 227+98.09	46.00 LT - 46.00 LT	189.8	84	2.0
229+87.90 - 231+06.84	46.00 LT - 46.00 LT	118.9	92	2.0
227+98.17 - 226+61.84	40.75 RT - 38.06 RT	136.3	82	2.0
229+87.90 - 227+98.17	44.39 RT - 40.75 RT	189.7	86	2.0
229+87.90 - 231+06.53	44.39 RT - 46.99 RT	118.6	91	2.0
231+06.84 - 231+49.00	46.00 LT - 46.00 LT	42.2	95	2.0
231+49.00 - 231+49.00	2.00 RT - 46.00 LT	38.0	95	10.0
231+59.00 - 231+59.00	2.00 RT - 46.00 LT	38.0	94	10.0
231+69.00 - 231+69.00	2.00 RT - 46.01 LT	38.0	93	10.0
231+49.00 - 231+59.00	46.00 LT - 46.00 LT	10.0	94	2.0
231+69.00 - 231+59.00	46.01 LT - 46.00 LT	10.0	94	2.0
232+76.57 - 231+69.00	46.17 LT - 46.01 LT	107.6	93	2.0
233+15.10 - 232+76.57	46.00 LT - 46.17 LT	38.5	96	2.0
233+30.36 - 233+77.29	46.00 LT - 46.00 LT	46.9	918	2.0
235+35.84 - 233+77.29	46.00 LT - 46.00 LT	158.5	918	2.0
236+50.00 - 235+35.84	46.00 LT - 46.00 LT	114.2	920	2.0
235+67.42 - 236+50.00	46.00 LT 46.00 LT	82.6	924	2.0
232+48.10 - 233+77.43	10.00 RT - 10.00 RT	129.3	917	2.0
235+34.88 - 233+77.43	10.00 RT - 10.00 RT	157.5	917	2.0
236+67.50 - 235+34.88	10.00 RT - 10.00 RT	132.6	919	2.0
407+90.93 - 408+17.32	10.00 LT - 10.00 LT	26.4	99	2.0
410+50.27 - 408+37.32	10.00 LT - 10.00 LT	212.9	97	2.0
408+17.32 - 408+27.32	10.00 LT - 10.00 LT	10.0	98	2.0
408+27.32 - 408+37.32	10.00 LT - 10.00 LT	10.0	97	2.0
408+27.32 - 408+27.32	0.00 LT - 34.00 RT	0.0	910	8.0
408+37.32 - 408+37.32	0.00 LT - 34.00 RT	0.0	911	8.0
408+47.32 - 408+47.32	0.00 LT - 34.00 RT	0.0	912	8.0
408+27.32 - 408+37.32	34.00 RT - 34.00 RT	10.0	911	2.0
408+47.32 - 408+37.32	34.00 RT - 34.00 RT	10.0	911	2.0
•406+49.77 - 408+28.32	34.00 RT - 34.00 RT	178.6	910	2.0
410+50.27 - 408+47.32	34.00 RT - 34.00 RT	202.9	912	2.0
412+51.05 - 410+50.27	10.00 LT - 10.00 LT	200.8	101	2.0
412+51.05 - 414+56.03	10.00 LT - 10.00 LT	205.0	105	2.0
415+00.00 - 414+56.03	10.00 LT - 10.00 LT	44.0	105	2.0
412+51.05 - 410+50.27	34.00 RT - 34.00 RT	200.8	102	2.0
412+51.05 - 414+56.03	34.00 RT - 34.00 RT	205.0	104	2.0
415+00.00 - 414+56.03	34.00 RT - 34.00 RT	44.0	104	2.0
241+47.03 - 239+94.16	46.00 LT - 46.00 LT	152.9	585	2.0
243+00.00 - 241+47.03	46.00 LT - 46.00 LT	153.0	112	2.0
244+90.47 - 243+00.00	46.00 LT - 46.00 LT	190.5	115	2.0
244+90.47 - 245+78.48	46.00 LT - 46.00 LT	88.0	117	2.0
246+22.66 - 245+78.48	46.00 LT - 46.00 LT	44.2	117	2.0
240+12.96 - 245+45.78	10.49 RT - 10.00 RT	532.8	111	2.0
243+00.00 - 241+45.78	10.00 RT - 10.00 RT	154.2	111	2.0
244+28.10 - 243+00.00	10.00 RT - 10.00 RT	128.1	114	2.0
245+47.39 - 248+46.74	10.00 RT - 8.00 RT	299.4	122	2.0
248+36.99 - 248+58.84	42.00 LT - 42.00 LT	21.8	121	2.0
248+58.84 - 249+90.92	42.00 LT - 42.00 LT	132.1	123	2.0
249+90.92 - 251+81.80	42.00 LT - 42.00 LT	190.9	128	2.0
251+81.80 - 253+45.98	42.00 LT - 42.02 LT	164.2	139	2.0
248+46.74 - 249+91.10	8.00 RT - 8.43 RT	144.4	124	2.0
249+91.10 - 252+30.72	8.43 RT - 10.00 RT	239.6	135	2.0

LEGEND:

•COORDINATE LOCATION OF PIPE UNDERDRAIN WITH LOCATION OF PROPOSED ELECTRICAL DUCT.

NOTES:

1. IF THE PROPOSED UNDERDRAIN IS IN CONFLICT WITH AN EXISTING UTILITY, THE CONTRACTOR SHALL OUTLET THE UNDERDRAIN TO NEAREST DRAINAGE STRUCTURE.

SHEET 1 OF 3

REVISIONS	
NAME	DATE
ADDENDUM 1	05/08/06

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

UNDERDRAIN SCHEDULE

SCALE: NONE

DRAWN BY: MB

DATE: MARCH 7, 2006

CHECKED BY: DA

TY·LIN INTERNATIONAL