





F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	133
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		• (1818, ETC., 2324.6-1P/R-8		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 5 DIA	MAN TA 4 DIA	MAN TA 5 DIA	MAN TA 6 DIA	IN TB T20F&G	DR STR T1	DR STR T2	MAN DT 6 DIA	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
				T1F OL	T8G	T20F&G	T20F&G	T1F CL	T1F CL	T1F CL		W/2 T20F&G	W/2 T22F&G	T1F CL		
29-01	2531+40.0	49.5' RT	-2.46									1			-7.2SE,	
29-02	2531+40.0	44.8' RT	-3.93												-9.1NW,	
29-03	2531+40.0	39.5' RT	-3.62						1						-9.7NW, -10.45NE, -9.2SE,	
29-04	2531+40.0	8.1' LT	-1.46			1									-9.24SE,	162
29-05	2532+70.0	49.5' RT	-2.88									1			-9.62NE,	
29-06	2532+70.0	44.8' RT	-1.41												-9.72NW,	
29-07	2532+70.0	39.5' RT	-1.20						1						-6.32NW, -10.82NE, -9.82SE, -10.72SW,	
29-08	2532+70.0	9.8' LT	-0.35			1									-5.86SE,	162
29-09	2533+95.0	49.5' RT	-3.20									1				
29-10	2533+95.0	44.8' RT	1.01												-9.87NW,	
29-11	2533+95.0	39.5' RT	1.22						1						-4.59NW, -11.22NE, -9.97SE, -11.04SW,	
29-12	2533+95.0	9.9' LT	0.91			1									-4.13SE,	162
29-13	2534+65.0	39.5' RT	2.57						1						-11.45NW, -5.05NE, -9.02SE, -11.33SW,	
29-14	2535+25.0	49.5' RT	3.37									1			-4.4SE,	
29-15	2535+25.0	44.8' RT	3.52												-3.37NW,	
29-16	2535+25.0	39.5' RT	3.73						1						-5.22NW, -4.27NE, -3.47SE, -4.97SW,	
29-17	2535+25.0	9.8' LT	2.24			1									-4.32NW, -4.8SE,	162
30-01	2536+55.0	49.5' RT	5.26									1			-2.29SE,	
30-02	2536+55.0	44.7' RT	5.94												-2.39NW,	
30-03	2536+55.0	39.5' RT	6.05						1						-2.49NW, -2.8NE, -2.49SE, -4.08SW,	
30-04	2536+55.1	9.7' LT	3.38			1									-2.07SE,	162
30-05	2537+55.0	49.5' RT	6.62									1			-0.9SE,	
30-06	2537+55.0	44.8' RT	6.96												-1NW,	
30-07	2537+55.0	39.5' RT	7.06						1						-0.85NW, -2.36NE, -1.1SE, -2.63SW,	
30-08	2537+55.0	9.8' LT	4.39			1									-0.64SE,	162
30-09	2538+55.0	49.5' RT	7.90									1			-0.7SE,	
30-10	2538+55.0	44.8' RT	7.98												-0.08NW,	
30-11	2538+55.0	39.5' RT	8.08						1						-1.4NW, 0.4NE, -0.18SE, -2.15SW,	
30-12	2538+55.0	11.1' LT	5.33			1									-0.84NE, -0.94SE,	162
30-13	2538+95.0	10.8' LT	5.75			1									-0.35NW, -0.45SW,	162
30-14	2539+55.0	49.5' RT	8.82									1				
30-15	2539+55.0	44.8' RT	8.99												1.92NW,	
30-16	2539+55.0	39.5' RT	9.10						1						1.82SE, 0.82SW,	
30-17	2540+45.0	49.5' RT	9.34									1			0.13NE,	
30-18	2540+45.0	44.8' RT	9.84												0.03W,	
30-19	2540+45.0	39.5' RT	9.94					1							-0.32N, -0.07E, -0.07W,	
30-20	2540+45.0	8.9' LT	7.32			1									0.4E,	162
30-21	2540+65.0	39.5' RT	10.10						1						-3.3N, -3.27NE, -0.39S, -4.34W,	
30-22	2541+67.2	79.6' RT	10.91									1			-2.87N, -2.97W,	
30-23	2541+65.0	39.5' RT	10.44						1						-3.03E, -3.13S, 0.64W,	
30-24	2541+65.0	7.5' LT	8.21			1									1.11E,	162
31-01	2542+64.2	88.3' RT	10.31			1									-1.11W,	
31-02	2542+64.2	78.8' RT	10.64						1						 -0.81N, -1.21E, -2.71S,	
31-03	2543+33.6	49.5' RT	10.46			1									1.42NE,	
31-04	2543+53.9	89.3' RT	10.02			1										

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED STRUCTURES
SCALE: 1"=N.T.S.
DATE: 07/07/05
DRAWN BY: JAM
CHECKED BY: DDM

DS-18

11/26/05 08:23:38 PM