

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	139
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	* (1818, ETC, 2324.6-1PR-9			

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T20F&G	CB TA 5 DIA TIF OL	CB TA 5 DIA T20F&G	CB TC 2 DIA T20F&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	IN TB TIF OL	IN TB T20F&G	CB TA 4 DIA T8G	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
29-01	1530+15.0	7.9' RT	-2.34		1												-11.17NW,	162
29-02	1530+15.0	39.5' LT	0.08						1								-11.69SW, -11.59NE, -11.59W, -11.59SE,	
29-03	1530+15.0	49.5' LT	-2.18									1					-11.39W,	
29-04	1530+15.0	44.8' LT	-0.07														-11.49E,	
29-05	1531+45.0	8.0' RT	-0.50		1												-5.64NW,	162
29-06	1531+45.0	39.5' LT	1.89						1								-11.36NE, -11.46SW, -6.06SE, -11.36NW,	
29-07	1531+45.0	49.5' LT	-1.01									1					T.B.D.	
29-08	1531+45.0	44.8' LT	1.40														-11.26SW,	
29-09	1532+70.0	8.4' RT	0.69		1												-10.71NW,	162
29-10	1532+70.0	39.5' LT	1.97						1								-11.13NE, -11.23SW, -11.13SE, -11.13NW,	
29-11	1532+70.0	49.5' LT	0.24									1					-10.93NW,	
29-12	1532+70.0	44.8' LT	1.76														-11.03SE,	
29-13	1534+10.0	7.5' RT	2.32		1												-2.87NW,	162
29-14	1534+10.0	44.8' LT	2.33		1												-10.69NW, -10.79SE,	
29-15	1534+10.0	39.5' LT	2.54						1								-10.99SW, -10.74NE, -10.89NW, -3.29SE,	
29-16	1534+75.0	7.5' RT	3.07		1												-10.15NW,	162
29-17	1534+75.0	49.5' LT	2.18									1					-10.37N,	
29-18	1534+75.0	44.8' LT	2.59														-10.47NW,	
29-19	1534+75.0	39.5' LT	2.80						1								-10.67SW, -10.57NE, -10.57NW, -10.57SE,	
29-20	1535+40.0	7.5' RT	3.81		1												-1.68NW,	162
29-21	1535+40.0	44.8' LT	2.85		1												-10.35E, -10.2NW,	
29-22	1535+40.0	39.5' LT	3.06						1								-10.5SW, -10.25NE, -10.4NW, -2.1SE,	
30-01	1536+65.0	7.5' RT	5.32		1												-1.27NW,	162
30-02	1536+65.0	39.5' LT	3.52						1								-10.09SW, -9.99NE, -9.99NW, -1.69SE,	
30-03	1536+65.0	49.5' LT	4.24									1					-9.79NW,	
30-04	1536+65.0	44.8' LT	3.25														-9.89SE,	
30-05	1537+75.0	7.5' RT	6.64		1												-9.33NW,	162
30-06	1537+75.0	44.8' LT	4.15		1												-9.55NW, -9.65SE,	
30-07	1537+75.0	39.5' LT	4.46						1								-9.85SW, -7.95NE, -9.75NW, -9.75SE,	
30-08	1539+05.0	7.5' RT	7.99		1												1.09NW,	162
30-09	1539+05.0	49.5' LT	5.75									1					-7.44NW,	
30-10	1539+05.0	44.8' LT	5.50														-7.54SE,	
30-11	1539+05.0	39.5' LT	5.81						1								-7.74SW, -5.64NE, -7.64NW, 0.66SE,	
30-12	1540+45.0	85.2' LT	5.78									1					-4.81S,	
30-13	1540+45.0	80.8' LT	5.63														-4.91E,	
30-14	1540+45.0	75.3' LT	5.95						1								-5.11E, -3.21N, -5.01W,	
30-15	1540+55.0	44.8' LT	6.49		1												-5.1W,	
30-16	1540+45.0	7.5' RT	8.93		1												-4.77W,	162
30-17	1540+45.0	39.5' LT	6.76						1								-5.3S, -5.2W, -5.2E,	
30-18	1541+14.7	76.4' LT	6.34						1								-2.82N, -5.11S, -2.82W,	
31-01	1542+95.6	46.1' LT	7.94	1													2.67W,	
31-02	1542+95.0	73.0' LT	7.56						1								-2.06S, 2.44E, -1.96W,	
31-03	1542+95.0	78.3' LT	6.89		1												-1.86E, -1.76W,	
31-04	1544+85.0	7.5' RT	8.23		1												3.1W,	162
31-05	1544+85.0	69.8' LT	8.06						1								-1.74N, -1.49W, 2.31E,	

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED STRUCTURES

SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

DS-19
03/4/96 TM
06/29/2005