

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	598	140
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-1PIR-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 TBG	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
31-06	1544+85.0	79.7' LT	6.70									1					T.B.D.	
31-07	1544+85.0	75.0' LT	7.85														-1.39E,	
31-08	1546+55.0	7.5' RT	6.59		1												1.43W,	162
31-09	1546+55.0	66.7' LT	6.86							1							-4.38N, -2.28S, -3.63W, 0.67E,	
31-10	1546+55.0	76.7' LT	5.67									1					-3.43W,	
31-11	1546+55.0	72.0' LT	6.65														-3.53E,	
31-12	1546+55.0	43.0' LT	6.18	1													0.86W, 0.96E,	
31-13	1544+85.0	43.9' LT	7.83	1													2.53W, 2.63E,	
32-01	1548+47.0	7.5' RT	3.89		1												-1.3W,	162
32-02	1548+47.0	63.7' LT	4.05							1							-8.43N, -4.78S, -6.93W, -2.03E,	
32-03	1548+47.0	73.7' LT	3.51									1					-6.73W,	
32-04	1548+47.0	69.0' LT	3.48														-6.83SW,	
32-05	1550+00.0	7.5' RT	1.63		1												-3.52W,	162
32-06	1550+00.0	61.1' LT	1.70							1							-8.76N, -8.66S, -7.26W, -4.16E,	
32-07	1550+00.0	71.0' LT	1.11									1					T.B.D.	
32-08	1550+00.0	66.3' LT	1.49														-7.16E,	
32-09	1551+54.0	7.5' RT	-0.65		1												-9.25W,	162
32-10	1551+54.0	58.4' LT	-0.64							1							-11.86N, -8.96S, -9.86W, -9.86E,	
32-11	1551+54.0	68.3' LT	-1.39									1					-9.66W,	
32-12	1551+54.0	63.6' LT	-0.85														-9.76E,	
32-13	1553+72.0	7.5' RT	-3.44							1							-13.7N, -14.45E, -13.15W,	162
32-14	1553+72.0	54.2' LT	-3.39							1							-13.09E, -12.09S, -10.59W,	
32-15	1553+72.0	64.2' LT	-4.57									1					T.B.D.	
32-16	1553+72.0	59.5' RT	-3.60														-10.49E,	162
32-17	1548+47.5	40.9' LT	4.35	1													-1.75E,	
33-01	1554+75.0	7.5' RT	-3.92		1												-11.34N,	162
33-02	1555+41.0	7.5' RT	-3.89		1												-11.27NW, -11.17E,	162
33-03	1555+04.0	7.5' RT	-3.93	1													-11.59S, -11.69W,	162
33-04	1555+04.0	51.9' LT	-3.79						1								-12.1W, -12.15E,	
33-05	1554+75.0	62.4' LT	-5.13									1					-11.55W,	
33-06	1554+75.0	57.7' LT	-4.00														-11.65N,	
33-07	1555+41.0	61.8' LT	-5.10									1					-11.47W,	
33-08	1555+41.0	57.1' LT	-3.95														-11.57S,	
33-09	1555+04.0	61.8' LT	-5.16										1				T.B.D.	
33-10	1555+04.0	57.2' LT	-4.00														-11.9S, -11.9N, -12E,	
33-11	1556+60.0	7.5' RT	-3.18		1												-8.36W,	162
33-12	1556+60.0	51.5' LT	-3.02							1							-10.76N, -11.71SE, -10.51W, -8.91E,	
33-13	1556+60.0	62.8' LT	-4.28									1					-10.31W,	
33-14	1556+60.0	56.8' LT	-3.23														-10.41E,	
33-15	1558+05.0	7.5' RT	-1.59		1												-6.76W,	162
33-16	1558+05.0	51.5' LT	-1.43							1							-8.86N, -10.46S, -9.71W, -7.31E,	
33-17	1558+05.0	61.5' LT	-2.63									1					-9.51W,	
33-18	1558+05.0	56.8' LT	-1.64														-9.61E,	
33-19	1555+04.0	1.5' RT	-3.69							1							-12.74N, -12.29W, -11.79E, -13.54S,	
33-20	1555+58.7	1.5' RT	-3.59							1							-11.71NW, -12.66S, -11.41SE,	

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-20
03/29/2005