CONTRACT 62829	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	305	2004-088B	COOK	145	14
	STA.		TO STA.		

DRAINAGE STRUCTURES

STRUCTURE NO.	STATION	OFFSET	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID (EACH)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE (EACH)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE (EACH)	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID (EACH)	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID (EACH)	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID (EACH)	DRAINAGE STRUCTURES, TYPE 1 WITH TWO TYPE 20 FRAMES AND GRATES (EACH)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" (EACH)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 54" (EACH)	GRATING FOR CONCRETE FLARED END SECTION 54" (EACH)	REINFORCED CONCRETE PIPE ELBOW 12" (EACH)	TOP OF FRAME	INVERT NORTH	INVERT SOUTH	INVERT WEST	INVERT EAST
MILWAUKEE RAMP A																		
A1	11+40	36 LT					1							642.50				633.92
A5	12+73	32 LT	1											638.40	635.01	635.11		
A10	19+10	30 LT			1									639.75	635.35			
A11	19+20	36 LT					1							640.00			632.96	632.86
A12	13+10	36 LT		1										641.00			633.75	633.35
A13	16+00	36 LT						1						642.00			633.37	633.27
T1	13+68	31 LT				1								641.80	V			
T2	18+61	30 LT				1								639.00	V			
MILWAUKEE RAMP B																		
B1	21+18	35 LT		1										639.50	635.56	635.76		
B3	21+25	38 LT						1						639.65			632.48	631.98
B8	24+60	55 LT						1						645.50			631.39	631.29
B9	0+00	55 LT									1	1		-			631.20	
B10	36+50	25 RT									1	1		-				631.20
B11	27+00	25 RT						1						640.00			631.29	631.80
B17	22+88	31.5 LT		1										642.33	638.33			
TOTALS			2	4	14	2	2	7	10	3	2	2	12					

V = FIELD VERIFY

UNDERDRAIN SCHEDULE

STATION	PIPE UNDERDRAINS, FABRIC LINED TRENCH 4" (FOOT)		PIPE UNDERDRAINS 4" (SPECIAL)*		POROUS GRANULAR BACKFILL (CU. YD.) 0.14 CU YD/FT U.D.	
	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
WILLOW ROAD						
388+05	36	36	4	4	5.6	5.6
395+80	36		4		5.6	
395+85		36		4		5.6
TOTALS	72	72	8	8	11.2	11.2

* USED TO CONNECT UNDERDRAINS TO DRAINAGE STRUCTURES

NOTE:

1. OFFSETS ARE IN FEET UNLESS OTHERWISE NOTED
2. WIDTHS SHOWN ARE IN FEET UNLESS OTHERWISE NOTED
3. ALL STATIONS AND OFFSETS ARE MEASURED TO THE CENTER OF STRUCTURE.

SCH-4

Edwards AND Kelcey

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

WILLOW ROAD
OVER US 45/IL 21 (MILWAUKEE AVE)
AND OVER DES PLAINES RIVER

SCALE | DRAWN BY CADD

DATE JANUARY 2005 | CHECKED BY PJM

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