F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	260A
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (1516.1, 1717 & 1818) R-8

62694

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET		STRUCTURE TYPE		DIA.	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
				MH	CB							
374	2358+88.06	85.9	RT	A		4'	T1F CL	-1.33	-8.23	-8.23	-10.92	-8.23
375	2357+94.68	82.7	RT		A	4'	T20 F&G	-1.35		-6.78		
376	2358+81.55	79.3	RT		A	4'	T20 F&G	-2.19		-8.05		
377	NOT USED	-	-	-	-	-	-	-	-	-	-	-
378	8417+18.67	18.0	LT		A(1)	4'	T1F OL	7.06				1.81
379	8413+53.48	4.0	RT		A	4'	T20 F&G	0.23				-5.02
3710	8414+48.70	4.0	RT		A	4'	T20 F&G	1.39				-3.86
3711	8414+49.70	18.0	LT		A	4'	T20 F&G	1.77		-3.93	-3.93	
3712	2357+94.60	89.0	RT	A		4'	T1F CL	-0.44	-11.28	-6.80	-11.28	-6.80
3713	2355+40.83	91.7	RT		A	4'	T20 F&G	0.19			-5.08	
3714	2356+00.01	89.7	RT		A	4'	T20 F&G	-0.05		-5.33		
3715	8415+46.76	4.0	RT		A	4'	T20 F&G	3.60				-1.65
3716	8416+45.04	4.0	RT		A	4'	T20 F&G	6.54				1.29
3717	8416+45.04	18.0	LT		A	4'	T20 F&G	6.58		1.23		1.23
3718	2359+44.72	76.9	RT		A	4'	T20 F&G	-2.78			-8.18	
3719	NOT USED	-	-	-	-	-	-	-	-	-	-	-
3720	NOT USED	-	-	-	-	-	-	-	-	-	-	-
3721	2356+04.49	94.1	RT	A		5'	T1F CL	0.44	-12.39	-6.39	-12.39	-6.39

STORM SEWER SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE %	T.B. (CU.YD)
377	NOT USED	-	-	-	-	-	-
378	8417+18.67	2358+88.06	2	12	51	19.69	2.3
379	8413+53.48	2355+33.78	2	12	28	0.44(3)	25.4
3710	8414+48.70	8414+49.70	2	12	15	0.44	15.3
3711	8414+49.70	2356+04.49	2	12	27	9.14	4.1
3712	2357+94.60	2356+81.75	3	18	109	0.40	123.6
3713	2355+40.83	2354+98.12	2	12	39	0.44	39.7
3714	2356+00.01	2356+04.49	2	12	4	26.58	4.1
3715	8415+46.76	2356+81.75	2	12	60	9.89	33.6
3716	8416+45.04	8416+45.04	2	12	14	0.44	14.2
3717	8416+45.04	2357+94.60	2	12	49	16.39	4.1
3718	2359+44.72	2359+31.43	2	12	16	0.44	4.5
3719	NOT USED	-	-	-	-	-	-
3720	2358+88.98	2358+88.06	2	15	13	0.44	13.2
3721	2356+04.49	2354+83.43	3	27	117	0.30	205.9

NOTES:

(1) INDICATES CATCH BASIN WITH HALF TRAP, 4' DIAMETER, TYPE 1 FRAME & OPEN LID OR TYPE 20 FRAME & GRATE.

(2) INDICATES MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.

(3) INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."

(4) INDICATES SEWER LATERAL WITH 30° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."

(5) INDICATES SEWER LATERAL WITH 60° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."

(6) INDICATES MANHOLE TYPE A WITH FLAT SLAB TOP, IDOT STANDARD 602601.

CASING SIZES

PIPE SIZE	CASING SIZE (OD)*	CASING WALL THICKNESS
12"	30"	0.500"
24"	42"	0.625"
30"	48"	0.688"
36"	48"	0.688"

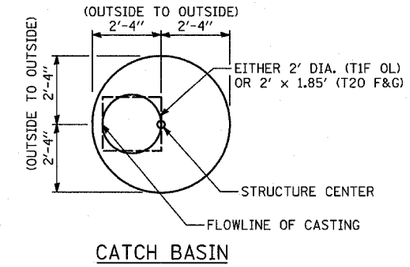
*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B.

SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.

CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.

CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASTING. (SEE BELOW)

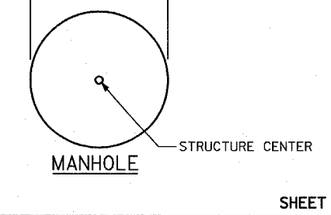
FLOWLINE OF CASTING IS LOCATED AT ℄ OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.



CATCH BASIN

(PRECAST REINFORCED CONCRETE SECTION)

MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. (SEE BELOW)



MANHOLE

SHEET 8 OF 8

REVISIONS	
NAME	DATE
REVISED	05/06/05
REVISED	04/15/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

DRAINAGE STRUCTURE SCHEDULE

SCALE: NONE DRAWN BY: NSB

DATE: MARCH 18, 2005 CHECKED BY: DA

TYLIN INTERNATIONAL