F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	907	266
STA. 1200+00.00	TO STA. 1365+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (1516.1, 1717 & 1818) R-9

62695

DRAINAGE STRUCTURE SCHEDULE (CONT.)

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA.	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH	CB							
3621	7122+72.20	4.0 RT		A	4′	T20 F&G	1.12			-4.13	
3622	7123+70.88	18.0 RT		A	4′	T20 F&G	1 -0.63		-6.62		-6.62
3623	1357+99.68	68.7 LT		A	4′	T1F OL	-1.29				-7.05
3624	7123+70.52	4.0 RT		A	4′	T20 F&G	-1.31	-6.56	-6.56		
3625	7124+81.22	4.0 RT		A	4′	T20 F&G	-2.36			-8.36	
3626	1357+96.23	129.4 LT	A		5′	T1F CL	-2.69	-10.60		-10.60	-9.59
381	1364+61.63	84.6 LT	A		5′	T1F CL	-2.61			-15.14	
382	1362+79.44	85.1 LT	A		5′	T1F CL	-7.48	-15.85	-14.31	-16.85	
383	1360+79.63	77.9 LT		A	4′	T20 F&G	-4.64	-10.50	-10.50	-10.50	-10.50
384	1363+91.81	88.1 LT		C	2′	T1F OL	-8.63			-13.48	
385	1362+79.62	67.0 LT		A	4′	T20 F&G	-6.41		-12.45		
386	1361+89.79	136.4 LT	A		5′	T1F CL	5.92	-5.67		-5.67	+1.2 (N) , -3.54 (NW)
387	7122+15.57	4.0 RT		A	4′	T20 F&G	2.79	-2.46			
388	7122+00.57	4.0 RT		A	4′	T20 F&G	3.23	-1.63	-2.51	-2.51	
389	1360+79.64	65.9 LT	PLUG						-10.37		
3810	7121+22.56	18.0 LT		A	4′	T20 F&G	5.54		0.18		0.18
3811	7121+22.56	4.0 RT		A	4′	T20 F&G	5.50		0.25		
3812	1361+84.76	172.7 LT		A(1)	4′	T1F OL	6.51		1.41		
3813	1361+64.76	172.7 LT		A(1)	4′	T1F OL	6.84	1.47			
3814	7121+70.07	18.0 LT		A	4′	T20 F&G	6.16			0.91	
3815	1362+04.77	172.7 LT		A(1)	4′	T1F OL	6.84		1.63		
3816	7120+12.36	18.0 LT		A(1)	4′	T1F OL	6.52		1.27		
3817	7119+59.35	12.8 LT		A(1)	4′	T1F OL	6.99		0.99		
3818	1363+28.57	154.7 LT	A		5′	T1F CL	6.58	-5.16		-5.16	-0.25
3819	7118+54.38	1.0 LT		A(1)	4′	T1F OL	8.01	2.76	2.76		
3820	7118+34.38	1.0 LT		A(1)	4′	T1F OL	8.15			2.90	
3821	1360+98.67	124.4 LT	DROP		8′	T1F CL	3.97	-6.00	-15.80	-7.61	-2.98
3822	7121+85.57	4.0 RT		A	4′	T20 F&G	3.67			-1.58	
3823	1360+79.49	89.3 LT		C	2′	T1F OL	-5.60		-10.45		
3824	1364+31.93	167.2 LT	A		5′	T1F CL	8.20			-4.78	1.70

STORM SEWER SCHEDULE (CONT.)

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE (%)	T.B. (CU.YD)
383	1360+79.63	1360+98.93	2	12	16.0	0.44	16.3
384	1363+91.81	1363+83.00	2	12	4.0	31.60	0.0
385	1362+79.62	1362+79.44	2	12	16.0	11.63	16.3
386	1361+89.79	1360+98.67	2	24	86.0	0.38	0.0
387	7122+15.57	7122+00.57	2	12	11.0	0.44	11.2
388	7122+00.57	1360+98.67	2	12	22.0	2.20	22.4
389	1360+79.64	1360+79.63	2	12	8.0	0.61	8.1
3810	7121+22.56	7121+31.81	2	12	13.0	0.44(3)	4.9
3811	7121+22.56	7121+22.56	2	12	14.0	0.44	14.2
3812	1361+84.76	1361+89.79	2	12	35.0	7.50	35.6
3813	1361+64.76	1361+85.89	2	12	21.0	0.44	21.4
3814	7121+70.07	1361+89.79	2	12	28.0	16.50	15.8
3815	1362+04.77	7121+00.78	2	12	26.0	0.44	26.4
3816	7120+12.36	7120+21.61	2	12	13.0	0.44(3)	4.9
3817	7119+59.35	1363+28.57	2	12	4.0	31.08	4.1
3818	1363+28.57	1361+89.79	2	24	135.0	0.38	0.0
3819	7118+54.38	1364+31.93	2	12	3.0	35.30	3.1
3820	7118+34.38	7118+54.38	2	12	16.0	0.93	16.3
3821	1360+98.67	1360+98.93	4	27	38.0	1.50	0.0
3822	7121+85.57	7122+00.57	2	12	11.0	0.44	11.2
3823	1360+79.49	1360+79.63	2	12	11.0	0.44	4.8
3824	1364+31.93	1363+28.57	3	24	100.0	0.38	0.0

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″

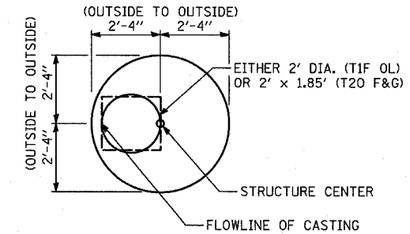
*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B.

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)

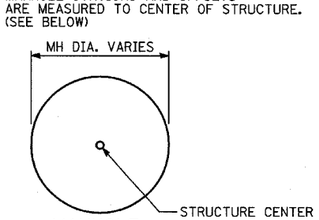
FLOWLINE OF CASTING IS LOCATED AT ℄ OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.



CATCH BASIN

(PRECAST REINFORCED CONCRETE SECTION)

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



MANHOLE

SHEET 8 OF 10

REVISIONS	
NAME	DATE
ADDENDUM 1	05/27/05
REVISED	05/06/05
REVISED	04/15/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

DRAINAGE SCHEDULE
PROPOSED STRUCTURES
PROPOSED STORM SEWERS

SCALE: NONE | DRAWN BY: NB

DATE: MARCH 25, 2005 | CHECKED BY: DA

TY·LIN INTERNATIONAL