F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	262
STA. 2200+00.00	TO STA. 2362+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (1516.1, 1717 & 1818) R-8

62694

DROP MANHOLE SCHEDULE

STRUCT NUMBER	TYPE	LOCATION	STATION	OFFSET	DIMENSIONS										ELEVATIONS (FT)						
					A (FT)	B (FT)	C (FT)	D1 (IN)	D2 (IN)	D3 (IN)	D4 (IN)	D5 (IN)	E (FT)	F (FT)	1	2	3	4	5	G	H
3A1	2	-	206+22.98	32.9 RT	7.00	3.00	0.00	36	30	18	-	-	2.00	8.30	-13.38	-10.38	-9.38	-	-	-15.38	2.42
3A3	2	-	104+31.14	67.9 LT	6.00	3.56	0.56	36	30	18	-	-	2.00	11.27	-13.35	-9.79	-9.35	-	-	-15.35	5.42
3A6	1	-	205+18.00	64.5 LT	8.00	5.35	1.85	42	42	-	-	-	2.00	11.00	-20.53	-15.18	-	-	-	-22.53	-0.68
3C1	2	-	216+58.04	51.9 LT	7.00	4.38	1.38	36	36	15	-	-	2.00	3.20	-15.85	-11.47	-9.97	-	-	-17.75	-3.52
3C4	1	-	216+38.39	30.8 RT	7.00	5.70	2.70	36	36	-	-	-	2.00	13.86	-22.69	-16.99	-	-	-	-24.69	1.87
185	3	-	8704+09.12	8.0 LT	6.00	-	-	24	18	-	12	12	1.00	3.07	-13.30	-11.30	0.00	-2.33	-1.27	-15.30	2.80

ABANDONED AND FILLED (CLSM) SEWERS SCHEDULE

UPSTREAM STATION	OFFSET		DIA. (IN)	LENGTH (FT)	CLSM (CY)
8800+77.00	17.9	LT	8	43.35	0.56
8802+63.03	16.9	LT	10	5.15	0.10
8804+02.90	4.4	RT	10	27.24	0.55
8805+21.79	4.2	RT	10	35.00	0.71
8806+48.06	3.7	RT	10	39.60	0.80
8761+49.04	16.6	LT	12	56.48	1.64
8763+14.87	4.4	RT	12	26.73	0.78
8766+49.52	21.8	LT	10	20.74	0.42
8767+65.18	5.2	LT	10	11.47	0.23
8768+99.26	3.7	LT	12	69.60	2.02
8769+12.79	10.9	LT	12	17.00	0.49
8770+27.61	6.9	LT	12	128.74	3.74
8771+72.05	8.4	RT	15	14.34	0.65
8742+84.76	19.6	LT	8	29.48	0.38
8744+70.73	6.4	LT	8	17.30	0.22
8748+20.78	20.3	LT	10	13.89	0.28
8748+36.90	20.6	LT	10	16.12	0.33
2219+08.32	61.1	RT	10	8.00	0.16
8749+40.63	22.2	LT	12	9.75	0.28
8726+86.17	2.6	LT	10	26.78	0.54
8728+97.52	19.8	LT	10	10.82	0.22
8701+75.19	13.5	LT	12	15.40	0.45
8704+93.57	9.3	LT	10	26.53	0.54
8706+70.17	16.8	LT	10	12.69	0.26
8706+40.27	15.8	LT	10	12.25	0.25
8706+55.00	16.4	LT	10	11.72	0.24
8707+74.50	18.8	LT	10	6.15	0.12
8707+85.01	18.8	LT	10	10.56	0.21
9470+12.79	20.8	RT	10	155.92	3.15
9470+02.14	23.0	RT	10	10.90	0.22
9471+68.06	8.6	RT	10	139.73	2.82
2335+04.47	59.8	RT	12	15.40	0.45
2334+91.29	59.9	RT	12	13.18	0.38
2335+19.87	59.9	RT	12	12.14	0.35
2335+14.24	70.7	RT	12	8.31	0.24
2343+90.32	78.8	RT	10	28.15	0.57
2348+73.00	75.9	RT	12	80.10	2.33
2348+99.53	72.5	RT	10	10.40	0.21
2348+89.22	73.8	RT	10	16.35	0.33
9407+01.79	9.5	RT	12	17.30	0.50
9412+34.01	12.8	RT	10	14.26	0.29
9412+48.04	15.3	RT	10	16.02	0.32

ABANDONED AND FILLED (CLSM) SEWERS SCHEDULE

UPSTREAM STATION	OFFSET		DIA. (IN)	LENGTH (FT)	CLSM (CY)
9412+63.78	18.3	RT	10	17.34	0.35
8412+95.26	9.0	LT	12	58.87	1.71
2355+16.99	67.1	RT	18	191.51	12.53
8414+62.89	36.7	LT	10	23.84	0.48
8414+65.27	10.5	LT	10	10.19	0.21
2359+44.72	71.8	RT	12	10.64	0.31
2359+34.19	72.0	RT	12	8.47	0.25
2355+16.99	67.1	RT	12	21.83	0.63
2359+00.90	72.0	RT	10	11.98	0.24

NOTES:

A QUANTITY OF TBF HAS BEEN ESTIMATED FOR STORM SEWER REMOVALS. THE LIMITS OF THE TBF WILL BE AS DESCRIBED IN SECTION 208. MAXIMUM TRENCH WIDTH WILL BE 12" + OD OF PIPE. UPPER LIMIT OF TRENCH WILL BE BOTTOM OF PROPOSED SUBBASE. FOR ESTIMATING PURPOSES, 15 CY OF TBF HAS BEEN INCLUDED ON THE SOQ FOR SS REMOVALS.

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"

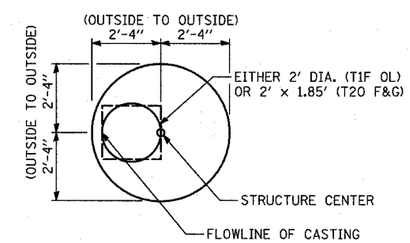
*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B.

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)

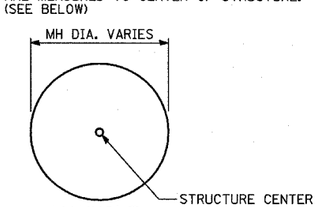
FLOWLINE OF CASTING IS LOCATED AT ℄ OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.



CATCH BASIN

(PRECAST REINFORCED CONCRETE SECTION)

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



MANHOLE

SHEET 1 OF 1

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

DROP MANHOLE SCHEDULE AND ABANDONED AND FILLED SEWERS SCHEDULE

SCALE: NONE | DRAWN BY: DM

DATE: MARCH 18, 2005 | CHECKED BY: DA

TYLIN INTERNATIONAL