F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1-I-1	COOK	195	148
STA. 2016+35	TO STA. 2353+03			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62872

COMBINED SEWER STRUCTURE SCHEDULE

STRUCTURE NUMBER	STRUCTURE LOCATION		STRUCTURE TYPE			STRUCTURE DIAMETER	FRAME & LID	TOP OF FRAME ELEVATION	NORTH INVERT ELEVATION	EAST INVERT ELEVATION	SOUTH INVERT ELEVATION	WEST INVERT ELEVATION
	STATION	OFFSET	MH	CB	INLET							
C1	2211+54.15	158.6 RT		C(1/2 TRAP)		2'	T1F OL	16.90***		**		12.52
C2	2212+79.23	124.0 RT	A			3'	T1F OL	17.56	7.15		7.15	
C3	2214+28.40	132.4 RT		A(1/2 TRAP)		4'	T1F OL	17.20			12.41	
C4	2214+34.38	159.5 RT		SPECIAL		4'	T1F OL	17.39***		**		*
C5	2215+12.19	128.7 RT	A			3'	T1F OL	18.14	7.59		7.59	
C6	2220+65.98	137.1 RT	A			3'	T1F OL	19.58	9.53		9.53	
C7	2220+96.88	154.0 RT	A			3'	T1F OL	19.68	9.68		9.68	
C8	2221+97.16	132.8 RT		SPECIAL		4'	T1F OL	19.61		*		
C9	2221+98.32	158.1 RT		A(1/2 TRAP)		4'	T1F OL	19.91***		**	15.12	
C10	2223+94.33	132.8 RT		SPECIAL		4'	T1F OL	20.60		*		
C11	2224+00.12	157.6 RT		A(1/2 TRAP)		4'	T1F OL	20.81***		**	16.02	
C12	2224+04.91	153.9 RT	A			3'	T1F OL	20.86	10.86		10.86	
C13	2228+32.23	131.8 RT		SPECIAL		4'	T1F OL	20.59		*		
C14	2230+22.98	131.8 RT		SPECIAL		4'	T1F OL	17.50		*		
C15	2232+16.93	131.8 RT		SPECIAL		4'	T1F OL	13.18		*		
C16	2239+53.66	123.2 RT	A			3'	T1F OL	8.74	-3.20		-3.20	
C17	2239+60.80	148.0 RT		A(1/2 TRAP)		4'	T1F OL	8.45				3.66
C18	2239+81.46	149.4 RT		A(1/2 TRAP)		4'	T1F OL	8.26				3.47
C19	2239+83.69	110.1 RT		SPECIAL		4'	T1F OL	8.29		*		
C20	2241+20.16	153.8 RT	A			3'	T1F OL	8.58	-3.37		-3.37	
C21	2241+18.78	122.7 RT		A(1/2 TRAP)		4'	T1F OL	8.48	3.69			
C22	2241+91.56	160.3 RT		A(1/2 TRAP)		4'	T1F OL	8.05				3.26
C23	2241+90.69	129.6 RT		SPECIAL		4'	T1F OL	8.27		*		
C24	2242+71.82	153.5 RT	A			3'	T1F OL	8.58	-3.52		-3.52	
C25	2243+53.25	131.0 RT		SPECIAL		4'	T1F OL	8.16		*		
C26	2243+53.34	161.1 RT		C(1/2 TRAP)		2'	T1F OL	8.04				3.66
C27	2245+08.35	130.7 RT		SPECIAL		4'	T1F OL	8.06		*		
C28	2245+10.54	160.9 RT		C(1/2 TRAP)		2'	T1F OL	7.97				3.59
C29	2246+15.45	158.8 RT	B			3'	T1F OL	8.58	-3.61	-3.92	-3.87	-3.92
C30	2246+88.19	130.6 RT		SPECIAL		4'	T1F OL	7.92		*		
C31	2246+85.14	157.6 RT		C(1/2 TRAP)		2'	T1F OL	7.94***			3.56	
C32	2248+63.98	130.4 RT		SPECIAL		4'	T1F OL	7.63		*		
C33	2248+66.86	157.5 RT		A(1/2 TRAP)		4'	T1F OL	7.91***		**		3.12
C34	2249+22.75	153.3 RT	A			3'	T1F OL	7.91	-3.20		-3.20	
C35	2249+61.77	130.6 RT		SPECIAL		4'	T1F OL	7.66		*		
C36	2249+99.50	155.2 RT		A(1/2 TRAP)		4'	T1F OL	7.73***		**	2.94	
C37	2249+99.50	150.5 RT			A	2'	T1F OL	7.50				**
C38	2250+11.18	122.5 RT	A			3'	T1F OL	7.34	-3.10		-3.10	
C39	2255+13.38	156.7 RT		SPECIAL		4'	T1F OL	7.21***				*
C40	2256+90.03	156.7 RT		SPECIAL		4'	T1F OL	7.02***				*
C41	2259+73.31	161.4 RT		A(1/2 TRAP)		4'	T1F OL	7.93				3.14
C42	2266+94.70	149.0 RT		A(1/2 TRAP)		4'	T1F OL	8.48***				3.69
C43	2266+95.89	130.2 RT		A(1/2 TRAP)		4'	T1F OL	7.50				2.71
C44	2268+64.64	149.2 RT		A(1/2 TRAP)		4'	T1F OL	8.85***				4.06

* INVERTS DEPEND ON THE INVERT ELEVATION OF THE EXISTING GAS MAIN.
** MATCH EXISTING INVERT ELEVATION.
*** RIM ELEVATION MEASURED AT CENTER OF STRUCTURE.

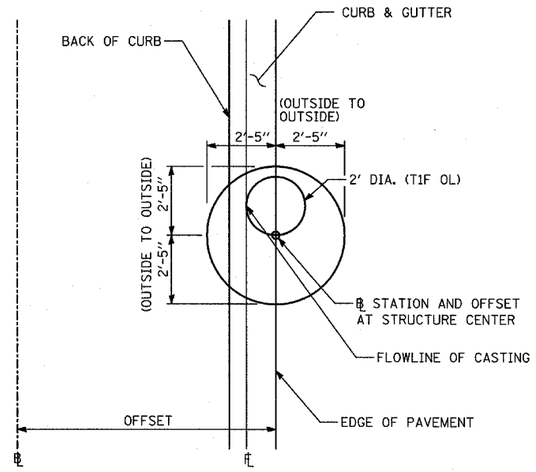
CONTRACTOR TO CORE DRILL THE WALL OF THE CATCH BASIN TO ACCOMMODATE THE DRAIN PIPE. CORE DRILLING TO BE INCLUDED IN THE UNIT PRICE OF THE CATCH BASIN.

COMBINED SEWER PIPE SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	PIPE DIAMETER (IN)	SEWER LENGTH (FT)
C01	2215+12.19	2212+79.23	DIP 2	16	234
C02	2215+63.95	2215+12.19	DIP 2	16	53
C03	2220+96.88	2220+65.98	DIP 2	12	38
C04	2224+04.91	2220+96.88	DIP 2	12	308
C05	2239+53.66	2241+20.16	DIP 2	36	169
C06	2241+20.16	2242+71.82	DIP 2	36	152
C07	2242+71.82	2246+15.45	DIP 2	36	346
C08	2246+16.46	2246+16.07	DIP 2	48	32
C09	2249+22.75	2246+15.45	DIP 2	30	302
C10	2250+11.18	2249+22.75	DIP 2	30	92
C11	2267+35.08	2266+15.59	DIP 3	24	120

FRAME AND GRATE ADJUSTMENT SCHEDULE

STRUCTURE TYPE	STRUCTURE LOCATION		RIM EL.
	STATION	OFFSET	
CB	2216+11.67	159.59 RT	17.72
CB	2218+06.91	159.33 RT	18.51
WATER VALVE	2219+93.14	161.89 RT	18.85
CB	2219+96.60	155.59 RT	19.18
MH	2233+30.09	156.35 RT	11.26
CB	2237+70.25	140.13 RT	8.06
MH	2241+10.40	147.09 RT	8.75
WATER VALVE	2245+77.68	160.73 RT	8.19
COMED VAULT	2247+72.44	142.77 RT	8.48
CB	2265+09.25	157.47 RT	7.97



CATCH BASINS

(CITY OF CHICAGO)

NOTES:

SEE THE COMBINED SEWER RELOCATION PLANS FOR LOCATION OF ALL STRUCTURES.

CATCH BASIN STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE.

CATCH BASIN ELEVATIONS ARE GIVEN AT FLOWLINE OF CURB AND GUTTER, UNLESS OTHERWISE NOTED. (SEE DETAIL)

STATIONS AND OFFSETS OF MANHOLES ARE GIVEN TO THE CENTER OF THE STRUCTURE.

SEE CATCH BASIN, SPECIAL SHEET FOR DETAILS

TY·LIN INTERNATIONAL

SHEET 1 OF 1

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

COMBINED SEWER RELOCATION: COMBINED SEWER DRAINAGE SCHEDULES

SCALE: NONE DRAWN BY: JJS

DATE: OCTOBER 4, 2004 CHECKED BY: MAG