

STATION	DIST. LT. OR RT.	STRUCTURE	TYPE	TOP STRUCTURE ELEVATION	FLOOR STRUCTURE ELEVATION	H	W	L	HT	STORM SEWER (RCP) LIN. FT.												12" R.C. END SECT. (RCP)	REMOVE AND RESET	PIPE ELEVATIONS & GRADE			EXCAVATION (CU. YDS.)			CLASS A CONC. (MISC.) CU. YDS.	REINF. STEEL LBS.	CAST. IRON LBS.	STEEL PIPE ENCASEMENT		SANITARY SEWER (C.I.P.P.) LIN. FT.	REMARKS
										15"	18"	21"	24"	30"	36"	60"	12"	IN	OUT	GRADE OUT %	CLASS III			COMMON	ROCK											
																					SEWER					SEWER										
8+22.50	49.0 RT.	CURB INLET	22	127.39	121.89	6'0"	5'6"	15'0"	-										117.01	122.12	1.74	# 29	225	6.50	1090	117										
11+29.75	49.0 RT.	CURB INLET	22	124.76	116.51	8'9"	5'6"	15'0"	-										116.44	116.44	1.45	# 41	21	8.49	1395	117										
11+50.00	26.5 RT.	CURB INLET	22	124.94	116.19	9'3"	4'6"	5'0"	-										116.26(1)		0.32	# 16	64	3.29	483	117										
10+38.00	26.5 LT.	CURB INLET	22	125.48	120.73	5'3"	4'6"	10'0"	-	106									120.13	120.92	0.75	15	48	3.61	581	117										
11+50.00	26.5 LT.	CURB INLET	22	124.94	119.94	5'6"	4'6"	5'0"	-	37									118.65(1)	120.13	4.00	9	19	2.11	312	117										
11+92.00	49.0 RT.	CURB INLET	22	124.31	117.06	7'9"	4'6"	15'0"	-	62									116.01(1)	117.27	2.03	# 32	53	6.89	1100	117										
11+90.00	18.0 LT.	MANHOLE	SPECIAL	124.78	115.47	7'9"	9'0"	5'0"	2'0"										115.04	115.76	0.28	28	395	5.04	834	332						STUB INTO 5 - 8'X 7' R.C.B.				
14+50.00	6.0 LT.	MANHOLE	SPECIAL	125.00	114.75	8'9"	5'0"	5'0"	2'0"											115.04	115.04	0.67	18	350	3.45	563	332									
20+40.00	26.5 RT.	CURB INLET	22	119.24	114.49	5'3"	4'6"	5'0"	-	55									114.68	114.68	1.16	9	22	2.03	307	117										
20+05.00	26.5 LT.	CURB INLET	22	119.31	114.56	5'3"	4'6"	5'0"	-	6									114.62(2)	114.75	2.00	9	2	2.03	307	117							STUB INTO 5 - 8'X 7' R.C.B.			
20+05.00	18.0 LT.	MANHOLE	SPECIAL	119.08	113.58	4'0"	5'0"	5'0"	2'0"	177									113.79	113.79	0.56	11	108	1.87	359	332										
S.R. 50+66.5	15.5 LT.	CURB INLET	22	117.85	110.60	7'9"	4'6"	15'0"	-	46									110.81	110.81	4.30	32	37	6.89	1100	117										
26+05.00	26.5 RT.	CURB INLET	22	115.12	108.62	7'0"	4'6"	15'0"	-	6									108.83	108.83	4.33	29	2	6.38	1014	117										
26+05.00	22.5 LT.	CURB INLET	22	115.06	110.31	4'9"	4'6"	5'0"	-	45									108.57(3)	111.00	2.58	8	27	1.88	284	117										
26+05.00	18.0 RT.	MANHOLE	SPECIAL	114.86	108.36	5'0"	5'0"	5'0"	2'0"	271									108.84(3)	108.57	3.30	14	167	2.20	406	332										
28+80.00	32.5 RT.	CURB INLET	22	106.07	101.07	5'6"	4'6"	15'0"	-	6									101.28	101.28	6.00	23	2	5.35	868	117										
28+62.00	34.3 LT.	CURB INLET	22	106.14	99.39	7'3"	4'6"	5'0"	-	59									99.12(4)	99.58	0.78	12	41	2.66	395	117										
28+80.00	24.0 RT.	MANHOLE	SPECIAL	105.84	98.87	5'6"	5'0"	5'0"	1'11.58"	366									97.81(5)	99.12	0.36	10	236	2.38	429	332										
32+13.00	36.75 RT.	CURB INLET	22	103.17	98.17	5'6"	4'6"	10'0"	-	35									97.81(5)	98.38	1.63	16	18	3.73	589	117										
S.R. 51+13.50	22.5 RT.	CURB INLET	22	103.95	98.95	5'6"	4'6"	10'0"	-	56									99.16	99.16	2.41	# 16	37	3.73	589	117										
32+50.00	26.0 RT.	MANHOLE	SPECIAL	103.02	96.50	5'0"	7'6"	5'0"	2'0"	146									97.81(5)	96.81	1.87	17	140	3.25	565	332										
S.R. 50+80.00	22.5 LT.	CURB INLET	22	103.84	101.34	3'0"	4'6"	15'0"	-										101.34	101.34	9.15	# 12	20	3.64	624	117										
33+33.00	39.2 RT.	CURB INLET	22	102.92	96.92	6'6"	4'6"	9'0"	-	32									97.13	97.13	0.53	17	19	3.87	599	117										
33+74.00	36.75 RT.	CURB INLET	22	102.75	96.75	6'6"	4'6"	15'0"	-	77									96.96	96.96	1.57	27	48	6.04	965	117										
S.R. 49+16.00	22.5 RT.	CURB INLET	22	102.42	97.67	5'3"	4'6"	5'0"	-	22									95.75(6)	97.86	5.00	9	12	2.03	307	117										
34+75.00	16.25 LT.	MANHOLE	SPECIAL	102.35	92.58	8'3"	7'6"	5'0"	1'11.4"	198									96.76(6)	93.08	0.42	27	493	4.57	752	332										
35+75.00	36.75 LT.	CURB INLET	22	102.33	97.58	5'3"	4'6"	5'0"	-	17									97.77	97.77	3.05	9	8	2.03	307	117										
35+75.00	36.75 RT.	CURB INLET	22	102.33	97.33	5'6"	4'6"	15'0"	-	0									97.25(7)	97.54	1.00	23	25	5.35	868	117										
38+00.00	21.4 LT.	MANHOLE	SPECIAL	102.73	93.50	7'9"	7'6"	5'0"	1'11.3"	222									97.04(2)	94.0	0.41	25	511	4.37	722	332										
38+00.00	29.9 LT.	CURB INLET	22	102.95	98.20	5'3"	4'6"	5'0"	-	6									94.0(8)	96.39	4.00	9	2	2.03	307	117										
38+28.5	32.24 RT.	CURB INLET	22	102.95	97.95	5'6"	4'6"	15'0"	-	59									98.15(8)	98.16	4.00	23	33	5.35	868	117										
40+31.00	18.0 LT.	MANHOLE	SPECIAL	103.35	94.03	7'9"	7'6"	5'6"	2'11"	227									95.80(8)	94.53	0.25	26	523	4.63	775	332										
S.R. 51+00.00	15.5 RT.	CURB INLET	SPECIAL	104.01	VARIES	VAR.	VAR.	49'6"	-	76									96.74(9)	99.09	3.38	55	79	15.96	3173	234						SEE SH. NO. 46				
41+81.00	18.0 LT.	MANHOLE	SPECIAL	103.20	96.76	5'6"	5'0"	5'0"	1'11.3"	146									96.53(9)	97.05	0.20	16	158	2.37	430	332										
41+81.00	26.5 LT.	CURB INLET	22	103.94	98.94	5'6"	4'6"	15'0"	-	6									97.05(10)	99.15	4.00	23	2	5.35	868	117										
41+81.00	26.5 RT.	CURB INLET	22	103.94	99.19	5'3"	4'6"	5'0"	-	42									98.35(10)	99.38	2.00	9	21	2.03	307	117										
40+31	25.0' RT.	ENCASEMENT	CONCRETE					2'0"	2'0"	8'0"																										
33+74	25.0' RT.	ENCASEMENT	CONCRETE					2'0"	2'0"	8'0"																										
11+90	40.0' LT.	END SECTION	1							20	1								120.0 (1)	122.0	10.0		4													

NOTES:
SEE SHEET NO. 43 FOR CURB INLET TYPE 22 DETAILS.
SEE SHEET NO'S. 44 AND 45 FOR CURB INLET TYPE 22 RADIUS DETAILS.
SEE SHEET NO. 46 FOR SPECIAL INLET DETAILS.
SEE SHEET NO. 47 FOR MANHOLE DETAILS.
SEE SHEET NO. 48 FOR SPECIAL MANHOLE DETAILS.
CAST IRON WEIGHT WAS COMPUTED USING TYPE C LID AND FRAME ASSEMBLY FOR CURB INLETS
AND TYPE B LID AND FRAME ASSEMBLY FOR MANHOLES.
(N) DENOTES PIPES FLOWING INTO A COMMON STRUCTURE.

INCLUDES SAWING AND REMOVAL OF EXISTING C & G BETWEEN EXTERIOR LIMITS OF THE TRANSITION.

CITY OF WICHITA, KANSAS
PROJECT NO. DAKM574014
R.W. LINN, P.E.
CITY ENGINEER
GEORGE WASHINGTON BOULEVARD
STORM SEWER SCHEDULE
PROJECT NO. 87W-5899(00) SEDGWICK COUNTY
PROFESSIONAL ENGINEERING CONSULTANTS
ENGINEERS
WICHITA, KANSAS
Designed by: _____
Drawn by: _____
Checked by: _____
Date: _____
Job No: _____

STATION	DIST. LT. OR RT.	STRUCTURE	TYPE	TOP STRUCTURE ELEVATION	FLOOR STRUCTURE ELEVATION	H	W	L	HT	STORM SEWER (RCP) LIN.FT.												12" RC END/SECT (EACH)	REMOVE AND RESET	PIPE ELEVATIONS & GRADE			EXCAVATION (CU. YDS.)			CLASS A CONC. (WISC.) CU. YDS.	REINF. STEEL LBS.	CAST IRON LBS.	STEEL PIPE ENCASEMENT 16" 20"	SIN. SEWER (C.I.P.P.) LIN.FT.	REMARKS
																								IN	OUT	GRADE OUT %	CLASS III	SEWER							
										15"	18"	21"	24"	30"	36"	60"	12"	COMMON	ROCK																
44+70.00	13.7 LT.	MANHOLE	SPECIAL	105.18	97.43	6'3"	7'0"	5'0"	2'0"										98.72(11)	97.72	0.28	21	330		3.50	595	332								
44+60.00	26.5 LT.	CURB INLET	22	105.48	100.73	5'3"	4'6"	10'0"	-	12									99.72(11)	100.32	10.00	15	6		3.61	581	117								
45+18.8	99.0 RT.	CURB INLET	22	106.28	101.53	5'3"	4'6"	10'0"	-	30									101.72	0.40	15	15	10.0		3.61	581	117								
44+87.8	101.5 RT.	CURB INLET	22	106.19	101.19	5'6"	4'6"	15'0"	-	25									101.60	101.40	1.44	23	12		5.35	868	117								
44+70.00	76.3 RT.	CURB INLET	22	105.79	100.29	6'0"	4'6"	15'0"	-						27				101.04	100.54	8.81	25	22	6.5	5.69	917	117								
44+70.00	39.1 RT.	CURB INLET	22	105.91	97.91	8'6"	4'6"	5'0"	-						17				98.16	98.16	1.47	14	14		3.06	444	117								
44+70.00	26.5 RT.	CURB INLET	22	105.41	97.66	8'3"	4'6"	16'0"	-						42				97.91	97.91	0.45	24	29		5.11	793	117								
																		97.72(11)																	
46+75.00	26.5 LT.	CURB INLET	22	106.85	101.85	5'6"	4'6"	10'0"	-	199									102.06	68	16	132			3.73	589	117								
48+80.00	29.1 LT.	CURB INLET	22	108.21	100.96	7'9"	4'6"	10'0"	-	82									101.17	0.50	22	69			4.86	758	117								
																		100.76(12)																	
49+19.00	85.5 RT.	CURB INLET	22 RADIUS	109.45	103.95	6'0"	3'6"	9'0"	-						5				104.44	4.00	16	2			3.64	566	117								
49+26.00	78.0 RT.	CURB INLET	22 RADIUS	109.45	103.95	3'0"	4'6"	9'0"	-						40				104.24	104.24	3.35	16			3.64	566	117								
49+32.40	33.0 RT.	CURB INLET	22	108.61	100.36	8'9"	4'6"	10'0"	-						228				102.90(12)	100.65	1.01	25	355		5.36	829	117								
S.R. 50+49.90	27.5 RT.	MANHOLE	SPECIAL	110.55	98.05	11'0"	8'6"	5'0"	2'0"						17				98.34	98.34	2.00	35	25	0.5	6.31	1020	332								
S.R. 50+51.00	4.5 RT.	MANHOLE	SPECIAL	110.20	97.35																				1.0	4.60	187	332					SEE DETAILS SH. NO. 49		
52+60.00	12.0 LT.	MANHOLE	SPECIAL	111.10	97.62	12'-0"	7'6"	5'0"	1'11"						95				97.99(15)	97.99	0.10	36	234	2.0	6.16	986	332						TIE TO EXISTING 15" S.S. (R.C.P.)		
52+49.86	47.78 RT.	CURB INLET	22 RADIUS	110.82	106.57	4'9"	4'6"	6'0"	-	8									106.77			9	2		2.17	337	117								
54+62.00	24.0 LT.	MANHOLE	SPECIAL	111.11	100.44	9'3"	5'6"	5'0"	1'11"						200				100.77(16)	100.77	1.39	22	366		3.84	657	332								
54+62.00	32.5 LT.	CURB INLET	22	111.32	105.57	6'3"	4'6"	5'0"	-	6									105.76	4.00	11	2			2.35	351	117								
																		105.52(16)																	
54+62.00	32.5 RT.	CURB INLET	22	111.47	106.47	5'6"	4'6"	15'0"	-	54									106.68	2.00	23	33			5.95	868	117								
																		105.60(16)																	
58+50.00	24.0 LT.	MANHOLE	SPECIAL	110.98	101.71	7'9"	5'6"	5'0"	2'10"										102.04	102.04	0.33	19	727		3.33	583	332								
58+50.00	32.5 RT.	CURB INLET	22	111.82	105.32	7'0"	4'6"	15'0"	-						54				105.57	105.57	5.61	28	55		6.38	1014	117								
																		102.54(17)																	
59+20.00	34.25 RT.	CURB INLET	22	111.39	105.89	6'0"	4'6"	10'0"	-						69				106.14	106.14	0.83	17	56		3.98	625	117								
59+60.00	35.25 RT.	CURB INLET	22	111.12	106.12	5'6"	4'6"	10'0"	-	21									106.33	0.90	16	11			3.73	589	117								
62+34.00	36.75 RT.	CURB INLET	22	108.60	103.60	5'6"	4'6"	15'0"	-	58									103.81	0.50	23	33			5.35	868	117								
62+34.00	28.25 LT.	MANHOLE	SPECIAL	107.90	102.51	4'3"	5'0"	5'0"	1'11"						380				103.52(18)	102.80	0.20	10	370		1.95	365	332								
62+34.00	36.75 LT.	CURB INLET	22	108.12	103.12	5'6"	4'6"	5'0"	-	6									103.33	0.50	9	2			2.11	312	117								
																		103.30(18)																	
56+90.00	24.0 LT.	ENCASEMENT	CONCRETE			2'3"	2'3"	8'4"																											
				</																															

- # INCLUDES SAWING AND REMOVAL OF EXISTING C & G BETWEEN EXTERIOR LIMITS OF THE TRANSITION.
- * INCLUDES THE CONCRETE FOR THE CONCRETE PLUGS AND SUPPORTS
- ** INCLUDES THE CONCRETE FOR THE CONCRETE PLUGS AND SUPPORTS AND THE CONCRETE COLLARS.

CITY OF WICHITA, KANSAS
PROJECT NO. DAKM574014

R. W. LINN, P.E.,
CITY ENGINEER

GEORGE WASHINGTON BOULEVARD
STORM SEWER SCHEDULE

PROJECT NO. 87M-5899(001) SEDGWICK COUNTY
PROFESSIONAL ENGINEERING CONSULTANTS

Days to fly	6.3-6.5	
Drown to	50%	50%