

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 30"	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				16"	20"		
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"	-									116.76	116.76	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"	-									116.84	116.84	0.32	16	64	3.29	483	117							
																		116.26(1)														
10+38.00	26.5 LT.	CURB INLET	22	125.48	120.73	5'3"	4'6"	10'0"	-	106								120.92	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								120.13	120.13	4.00	9	19	2.11	312	117							
																		118.65(1)														
11+92.00	49.0 RT.	CURB INLET	22	124.31	117.06	7'9"	4'6"	15'0"	-	62								117.27	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"									116.01(1)	115.76	0.28	28	395	2.04	834	332							
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					STUB INTO 5 - 8'X 7' R.C.B.		
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							
																		114.04(2)														
20+05.00	26.5 LT.	CURB INLET	22	119.31	114.56	5'3"	4'6"	5'0"	-	6								114.75	114.75	2.00	9	2	2.03	307	117							
20+05.00	18.0 LT.	MANHOLE	SPECIAL	119.08	113.58	4'0"	5'0"	5'0"	2'0"	177								114.62(2)	113.79	0.56	11	108	1.87	359	332					STUB INTO 5 - 8'X 7' R.C.B.		
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							
																		108.57(3)														
26+05.00	22.5 LT.	CURB INLET	22	115.06	110.31	4'9"	4'6"	5'0"	-	45								111.00	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							
																		99.62(4)														
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							
																		100.92(4)														
28+62.00	34.3 LT.	CURB INLET	22	106.14	99.39	7'3"	4'6"	5'0"	-	59								99.58	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"	1'11.5"	366								99.12(4)	99.12	0.36	10	236	2.38	429	332							
																		97.81(5)														
32+13.00	36.75 RT.	CURB INLET	22	103.17	98.17	5'6"	4'6"	10'0"	-	35								98.38	98.38	1.63	16	18	3.73	589	117							
																		97.81(5)														
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	12	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							
																		94.66(6)														
S.R. 50+80.00	22.5 LT.	CURB INLET	22	103.84	101.34	3'0"	4'6"	15'0"	-	46								101.24	101.24	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	88	6.04	965	117							
																		95.75(6)														
S.R. 49+16.00	22.5 RT.	CURB INLET	22	102.42	97.67	5'3"	4'6"	5'0"	-	22								97.86	97.86	5.00	9	12	2.03	307	117							
																		96.76(6)														
34+75.00	16.25 LT.	MANHOLE	SPECIAL	102.35	92.58	8'3"	7'6"	5'0"	1'11"	198								93.08(2)	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							
																		97.25(2)														
35+75.00	36.75 RT.	CURB INLET	22	102.33	97.33	5'6"	4'6"	15'0"	-	0								97.54	97.54	1.00	23	25	5.35	868	117							
																		97.04(2)														
38+00.00	21.4 LT.	MANHOLE	SPECIAL	102.73	93.50	7'9"	7'6"	5'0"	1'11"	222								94.0	94.0	0.41	25	511	4.35	722	332							
38+00.00	29.9 LT.	CURB INLET	22	102.95	98.20	5'3"	4'6"	5'0"	-	6								96.39	96.39	4.00	9	2	2.03	307	117							
																		98.15(8)														
38+28.5	32.24 RT.	CURB INLET	22	102.95	97.95	5'6"	4'6"	15'0"	-	59								98.16	98.16	4.00	23	33	5.35	868	117							
																		95.80(8)														
40+31.00	18.0 LT.	MANHOLE	SPECIAL	103.35	94.03	7'9"	7'6"	5'6"	2'11"	227								94.53	94.53	0.23	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								99.09	99.09	3.38	55	79	15.90	3173	234					SEE SH. NO. 46		
																		96.53(9)														
41+81.00	18.0 LT.	MANHOLE	SPECIAL	103.20	96.76	5'6"	5'0"	5'0"	1'11"	146								97.05(10)	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								99.15	99.15	4.00	23	2	5.35	868	117							
																		98.91(10)														
41+81.00	26.5 RT.	CURB INLET	22	103.94	99.19	5'3"	4'6"	5'0"	-	42								99.38	99.38	2.00	9	21	2.03	307	117							
																		98.54(10)														
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	120.0	10.0												

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. 87W-5899(00)
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. (MISC.) CU. YDS.	REINF. STEEL LABS.	CAST IRON LABS.	STEEL PIPE ENCASEMENT 16" x 20"	SIN. SEWER (C.I.P.P.) LIN.FT.	REMARKS
										15"	18"	21"	24"	30"	36"	60"	12"	IN	OUT	GRADE OUT %	CLASS III			SEWER											
																								COMMON	ROCK										
44+70.00	13.0 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									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	2		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																		44	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+69.86	47.78 RT.	CURB INLET	22 RADIUS	110.82	106.57	4'9"	4'6"	6'0"	-	8									106.77	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"										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"										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%