

4" SIDEWALK PAVEMENT (MEASURED QTY.)					
LOCATION	STATION TO STATION	SIDE	WIDTH (FT.)	QUANTITY (S.F.)	
21st St.	123+96.25	128+38.43	Rt.	6	2680.80
21st St.	124+01.50	131+42.91	Lt.	6	4466.22
21st St.	129+39.28	131+31.69	Rt.	6	1155.42
Collective Ln.	5+57.00	5+87.57	Rt.	5	164.75
21st St.	131+94.09	141+71.00	Lt.	6	5865.12
21st St.	132+08.24	135+88.00	Rt.	6	2290.32
21st St.	136+26.00	143+92.59	Rt.	6	4599.54
21st St.	142+04.00	143+82.00	Lt.	6	1068.00
21st St.	144+37.00	149+49.39	Lt.	6	3083.76
21st St.	144+55.59	149+49.43	Rt.	6	2971.92
21st St.	150+50.10	167+22.03	Rt.	6	10049.70
21st St.	150+51.68	167+19.99	Lt.	6	10040.70
Williamsgate	19+25.47	19+50.92	Rt.	5	113.45
21st St.	167+99.31	191+23.86	Lt.	6	13947.48
21st St.	168+02.78	176+58.88	Rt.	6	5136.36
Clear Creek	25+43.00	25+55.00	Rt.	5.50	66.39
21st St.	177+60.91	186+44.48	Rt.	6	5301.42
21st St.	187+36.52	202+45.30	Rt.	6	9077.16
Castle Rock	29+40.00	29+57.00	Rt.	4	75.36
21st St.	192+12.86	196+12.18	Lt.	6	2395.98
21st St.	196+83.93	202+46.95	Lt.	6	3387.24
21st St.	203+47.33	221+25.00	Rt.	6	10678.62
21st St.	203+47.98	212+25.00	Lt.	6	5274.90
21st St.	212+45.00	216+60.00	Lt.	6	2496.36
21st St.	216+80.00	231+10.00	Lt.	6	8582.76
21st St.	221+45.00	228+59.00	Rt.	6	4290.36
21st St.	228+75.00	229+92.00	Rt.	6	702.00
21st St.	230+06.00	234+38.00	Rt.	6	2598.36
21st St.	231+66.22	236+15.39	Lt.	6	2695.02
21st St.	234+58.00	235+88.00	Rt.	6	786.36
21st St.	236+02.00	237+81.00	Rt.	6	1080.36
21st St.	236+71.61	238+84.69	Lt.	6	1278.48
21st St.	238+01.00	240+24.00	Rt.	6	1344.36
21st St.	239+91.69	255+64.85	Lt.	6	9448.26
21st St.	240+44.00	243+28.00	Rt.	6	1710.36
21st St.	243+42.00	245+06.00	Rt.	6	990.36
21st St.	245+20.00	255+63.77	Rt.	6	6269.46
21st St.	256+65.85	258+25.00	Lt.	10	1788.80
21st St.	256+66.14	259+85.00	Rt.	6	1923.36
TOTAL					151875.63

WHEELCHAIR RAMPS			
LOCATION	STATION	SIDE	QUANTITY (EACH)
21st St.	128+38.43	Rt.	1
21st St.	129+39.28	Rt.	1
21st St.	131+31.69	Rt.	1
21st St.	132+08.24	Rt.	1
21st St.	143+92.59	Rt.	1
21st St.	144+55.59	Rt.	1
21st St.	149+49.69	Lt.	2
21st St.	149+49.43	Rt.	2
21st St.	150+50.10	Rt.	2
21st St.	150+51.68	Lt.	2
21st St.	167+22.03	Rt.	1
21st St.	167+19.99	Lt.	1
21st St.	167+99.31	Lt.	1
21st St.	168+02.78	Rt.	1
21st St.	176+58.88	Rt.	1
21st St.	177+60.91	Rt.	1
21st St.	186+44.48	Rt.	1
21st St.	187+36.52	Rt.	1
21st St.	202+45.30	Rt.	2
21st St.	202+46.95	Lt.	2
21st St.	203+47.33	Rt.	2
21st St.	203+47.98	Lt.	2
21st St.	238+84.69	Lt.	1
21st St.	239+91.69	Lt.	1
21st St.	255+63.77	Rt.	2
21st St.	255+64.85	Lt.	2
21st St.	256+65.85	Lt.	2
21st St.	256+66.14	Rt.	2
TOTAL			40

SEGMENTAL RETAINING WALL (MEASURED QTY.)				
LOCATION	STATION TO STATION	SIDE	QUANTITY (S.F.)	
21st St.	161+29.00	162+94.00	Rt.	490
21st St.	177+67.25	183+97.25	Rt.	1297
21st St.	183+36.25	190+00.00	Lt.	1424
TOTAL			3211	

SLOPE DRAIN			
LOCATION	STATION	SIDE	QUANTITY (L.F.)
127th St.	23+50	Rt.	22
127th St.	32+75	Lt.	27
127th St.	32+75	Rt.	26
159th St.	71+50	Lt.	20
159th St.	71+50	Rt.	27
TOTAL			122

ARMORFLEX (CLASS 30S)			
LOCATION	STATION	SIDE	QUANTITY (S.Y.)
21st St.	139+62	Rt.	16
21st St.	165+14	Lt.	26
21st St.	165+14	Rt.	26
21st St.	169+96	Lt.	19
21st St.	169+96	Rt.	19
21st St.	192+92	Rt.	32
21st St.	225+45	Rt.	15
21st St.	248+01	Lt.	7
21st St.	248+01	Rt.	7
TOTAL			167

SIGNAL INTERCONNECT CONDUIT			2" HDPE CONDUIT (L.F.)
LOCATION	STATION TO STATION		
21st St.	132+41	138+05	569
21st St.	138+05	143+70	565
21st St.	143+70	149+37	578
21st St.	150+63	158+00	740
21st St.	158+00	165+40	741
21st St.	165+40	172+80	740
21st St.	172+80	180+20	740
21st St.	180+20	187+55	735
21st St.	187+55	194+75	721
21st St.	194+75	202+34	761
21st St.	203+58	211+00	742
21st St.	211+00	218+40	740
21st St.	218+40	225+85	745
21st St.	225+85	233+30	745
21st St.	233+30	240+80	750
21st St.	240+80	248+00	720
21st St.	248+00	255+56	756
TOTAL			12088

SIGNAL INTERCONNECT SERVICE BOXES			
LOCATION	STATION	OFFSET	QUANTITY (EACH)
21st St.	138+05	40' Rt.	1
21st St.	143+70	40' Rt.	1
21st St.	158+00	52' Rt.	1
21st St.	165+40	40' Rt.	1
21st St.	172+80	40' Rt.	1
21st St.	180+20	40' Rt.	1
21st St.	187+55	40' Rt.	1
21st St.	194+75	52' Rt.	1
21st St.	211+00	40' Rt.	1
21st St.	218+40	40' Rt.	1
21st St.	225+85	40' Rt.	1
21st St.	233+30	40' Rt.	1
21st St.	240+80	40' Rt.	1
21st St.	248+00	40' Rt.	1
TOTAL			14

PIPE CULVERT SUMMARY																
ROADWAY	STATION	SIDE	TYPE	MATERIAL	SIZE	CROWN GRADE ELEVATION	FLOW LINE		HORIZ. ROADWAY		DEGREE OF ROTATION	PIPE LENGTH		LINEAR FT. OF PIPE	END SECTIONS	
							LT.	RT.	LT.	RT.		LT.	RT.		LT.	RT.
21st St.	196+50	Lt.	EP	RCP	36"	1364.86	1359.19	1359.68	53'	46'	0°	53'	46'	99'	1	1
127th St.	19+88	Rt.	EP	RCP	15"	1376.49	1373.63	1373.24	29'	27'	0°	29'	27'	56'	1	1

MANHOLE SUMMARY (EACH)			
SWS LINE NO.	REINFORCED CONCRETE MANHOLE		
	LENGTH	WIDTH	QUANTITY
650-666	6'-0"	6'-0"	1
TOTAL			1

INLET SUMMARY (EACH)				
SWS LINE NO.	CURB INLET (TYPE I)			UNDERDRAIN (L.F.)
	10' x 3'	10' x 4'	10' x 5'	
100-104	4			30
150-152	2			18
200-204	4			24
250-257	5	2		42
300-302	2			18
350-352	2			18
400-401	1			12
450-451	1			12
500-505	5			30
520-522		1		6
550-555	2	3		30
600-602	2			18
650-666	5	5	1	96
700-710	7	3		60
750-758	7	1		60
800-806	5	1		48
850-854	3	1		36
900-904	3	1		36
TOTALS	60	18	1	594

STORM SEWER CONDUIT DATA SUMMARY (LINEAL FOOT)					
SWS SYS. NO.	REINFORCED CONCRETE PIPE				
	15"	18"	24"	30"	36"
100-104	457.0	18.0			
150-152	90.0	18.0			
200-204	359.0	284.0			
250-257	497.5	210.3	409.7		
300-302	98.7				
350-352	98.7				
400-401	152.7				
450-451	152.7				
500-505	434.0	495.7			
520-522			226.5		
550-555	135.0		654.4		
600-602	145.4				
650-666	242.6	121.8	426.0	720.3	175.8
700-710	936.5		841.5		
750-758	554.0	447.5	151.5		
800-806	540.0	207.5	273.1		
850-854		247.5	232.5		
900-904	459.5	30.2			
TOTALS	5353.3	2080.5	3215.2	720.3	175.8

MAILBOX ADJUSTMENTS			
LOCATION	STATION	SIDE	QUANTITY (EACH)
21st St.	221+11	Rt.	1
21st St.	229+75	Rt.	1
21st St.	235+72	Rt.	1
21st St.	238+09	Rt.	1
21st St.	240+12	Rt.	1
21st St.	243+15	Rt.	1
21st St.	244+91	Rt.	1
TOTAL			7

END SECTION SUMMARY (EACH)			
SWS LINE NO.	15" RC	18" RC	24" RC
650-666	2	1	1
900-904		1	
TOTALS	2	2	1

No.	Revision	By	Date
			21ST. ST.
SUMMARY OF QUANTITIES			
JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84636			
Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	JPS	Job No.	01616
Drawn by	SVB	Date	August, 2008

