

ADJUSTMENT OF MANHOLES					
ROADWAY	STATION	SIDE	FROM ELEVATION	TO ELEVATION	QUANTITY (EACH)
Emporia St.	609+52	19' Rt.	1297.04	1297.15	1
William St.	701+76	42' Lt.	1297.04	1297.08	1
William St.	701+78	21' Lt.	1297.33	1297.00	1
William St.	703+84	9' Lt.	1298.22	1297.26	1
William St.	704+01	21' Lt.	1297.93	1297.13	1
William St.	704+12	17' Lt.	1297.69	1297.17	1
William St.	704+15	45' Lt.	1297.52	1297.06	1
William St.	705+23	42' Lt.	1298.24	1297.90	1
William St.	705+24	23' Lt.	1297.90	1297.76	1
William St.	705+75	9' Lt.	1298.1±	1298.20	1
William St.	705+76	18' Lt.	1298.18	1298.03	1
William St.	705+79	17' Rt.	1297.56	1297.53	1
William St.	705+94	39' Lt.	1298.59	1298.03	1
St. Francis	44+36	27' Rt.	1298.11	1298.01	1
Total					14

WATER VALVE BOX ADJUSTMENTS					
ROADWAY	STATION	SIDE	FROM ELEVATION	TO ELEVATION	QUANTITY (EACH)
Emporia St.	601+10	1' Rt.	1294.55	1294.50	1
Emporia St.	604+79	35' Lt.	1294.39	1294.16	1
Emporia St.	604+83	25' Lt.	1294.44	1294.32	1
Emporia St.	604+85	13' Rt.	1295.04	1294.51	1
Emporia St.	604+87	29' Lt.	1294.15	1294.27	1
Emporia St.	609+22	14' Rt.	1296.7±	1296.80	1
Emporia St.	609+21	13' Lt.	1296.9±	1296.80	1
Emporia St.	609+40	18' Lt.	1297.2±	1296.85	1
William St.	702+11	8' Rt.	1296.7±	1296.77	1
William St.	702+13	8' Rt.	1296.7±	1296.77	1
William St.	703+31	8' Rt.	1297.3±	1296.96	1
William St.	703+60	6' Rt.	1296.9±	1297.15	1
William St.	703+61	7' Rt.	1296.9±	1297.15	1
William St.	703+61	38' Lt.	1297.3±	1297.10	1
William St.	705+59	36' Lt.	1297.7±	1297.57	1
William St.	705+60	6' Rt.	1297.8±	1297.70	1
William St.	705+65	14' Rt.	1297.30	1297.44	1
St. Francis	45+70	11' Lt.	1298.39	1298.56	1
St. Francis	45+73	4' Lt.	1298.74	1298.77	1
St. Francis	45+77	3' Lt.	1298.88	1298.83	1
Total					20

WATER METER BOX ADJUSTMENTS					
ROADWAY	STATION	SIDE	FROM ELEVATION	TO ELEVATION	QUANTITY (EACH)
Emporia St.	601+42	28' Lt.	1294.06	1294.15	1
Emporia St.	603+09	28' Lt.	1295.10	1294.49	1
Emporia St.	604+13	27' Lt.	1294.93	1294.63	1
Emporia St.	608+08	27' Rt.	1296.31	1296.62	1
Emporia St.	608+41	35' Rt.	1296.60	1296.92	1
William St.	701+41	14' Rt.	1297.09	1296.90	1
William St.	702+08	17' Rt.	1297.2±	1297.09	1
William St.	702+09	16' Rt.	1297.2±	1297.08	1
William St.	702+11	17' Rt.	1297.2±	1297.08	1
William St.	702+12	16' Rt.	1297.2±	1297.08	1
William St.	704+33	17' Rt.	1297.37	1297.42	1
St. Francis	43+13	43' Rt.	1297.78	1297.92	1
Total					12

MANHOLE SUMMARY (EACH)				
SWS LINE NO.	REINF. CONC. MANHOLE			QUANTITY
	LENGTH	WIDTH	QUANTITY	
300	6'-0"	6'-0"	1	
300	5'-0"	5'-0"	1	
301	5'-0"	5'-0"	4	
304	5'-0"	5'-0"	1	
400	5'-0"	5'-0"	1	
Total				8

INLET SUMMARY (EACH)		
SWS LINE NO.	CURB INLET TYPE II	UNDERDRAIN (L.F.)
	L=6'-2"	
301	3	24
302	2	12
304	2	24
305	2	12
306	2	12
307	1	6
400	2	12
401	1	12
Totals		114

STORM SEWER SUMMARY (LINEAL FOOT)				
SWS LINE NO.	RCP			SAND FILL, FLUSH & VIBRATE
	15"	18"	24"	
300		185.0		185.0
301	87.9	44.1	523.0	655.0
302	47.4			47.4
303		59.5		59.5
304	39.4			39.4
305	47.4			47.4
306	47.4			47.4
307	25.0			25.0
400	68.9	132.2		201.1
401	78.0			78.0
Totals				1385.2

PAVING BRICK (CROSSWALK)		
LOCATION	STATION	QUANTITY (S.Y.)
Emporia/English Intersection	604+69.97	148.06
Pedestrian Crosswalk	607+37.00	97.78
Emporia/William Intersection	609+28.93	149.76
William/St. Francis Intersection	703+71.43	208.37
William/Commerce Intersection	705+69.91	48.89
Total		652.86

CONCRETE PAVEMENT HEADER (11") (REINF.) (CROSSWALK)			
LOCATION	STATION	QUANTITY (S.Y.)	REMARKS
Pedestrian Crosswalk	607+37.00	19.56	2 Headers
Total		19.56	

REINFORCED CRUSHED ROCK BASE				
LOCATION	STATION TO STATION	8" RCRB QUANTITY (S.Y.)	7" RCRB QUANTITY (S.Y.)	6" RCRB QUANTITY (S.Y.)
Emporia St.	601+07.00	604+22.97	1825.60	
Emporia St.	604+22.97	605+16.97		724.76
Emporia St.	605+16.97	607+25.00	1201.95	
Emporia St.	607+25.00	607+49.00		138.67
Emporia St.	607+49.00	608+87.50	800.22	
Emporia St.	608+87.50	609+86.82		686.83
William St.	700+47.95	703+27.93	1610.29	
William St.	701+90.00	(Alley Rt.)		30.00
William St.	703+27.93	704+31.93		822.41
William St.	704+31.93	705+27.41	551.66	
William St.	705+27.41	706+05.91		453.56
Commerce St.	199+70.00	199+89.00		58.05
St. Francis St.	43+02.91	45+80.00	1782.26	
St. Francis St.	44+80.00	(Alley Lt.)		26.39
Totals			7771.98	56.39

CURB AND GUTTER						
LOCATION	STATION TO STATION	SIDE	COMB. C&G (TYPE I) (L.F.)	COMB. C&G (TYPE II) (L.F.)	EDGE CURB (6") (L.F.)	REMARKS
Emporia St.	601+07.00	604+49.97	Lt.	358.29	31.00	Includes Curb Return at English
Emporia St.	601+07.00	609+15.93	Rt.	796.37	24.00	Includes Curb Return at William
Emporia St.	604+89.97	609+40.21	Lt.	299.11	193.00	Includes Curb Returns at English, William
Emporia St.	609+45.80	610+04.40	Rt.	74.41		Includes Curb Return at William
Emporia St.	609+64.18	609+86.82	Lt.	34.78		Includes Curb Return at William
William St.	700+25.32	703+51.43	Lt.	254.58	99.00	Includes Curb Return at St. Francis
William St.	700+43.98	703+51.43	Rt.	288.86	30.00	Includes Curb Return at St. Francis
William St.	703+91.43	706+05.91	Lt.	195.82	30.00	Includes Curb Return at St. Francis
William St.	703+91.43	705+49.38	Rt.	169.38		Includes Curb Return at St. Francis
William St.	705+99.88	706+05.91	Rt.	6.03		
St. Francis	42+99.84	45+80.00	Lt.	255.16	25.00	
St. Francis	42+99.99	45+80.00	Rt.	257.25	30.00	
Commerce St.	199+70.00	199+87.00	Lt.		23.29	Curb Return
Commerce St.	199+82.00	199+87.00	Rt.		10.20	Partial Curb Return
Totals			2990.04	462.00	33.49	

WHEELCHAIR RAMPS			
LOCATION	STATION	SIDE	QUANTITY (EACH)
Emporia St.	604+28.97	Lt.	1
Emporia St.	604+39.97	Rt.	1
Emporia St.	604+99.97	Rt.	1
Emporia St.	605+10.97	Lt.	1
Emporia St.	607+37.00	Lt.	1
Emporia St.	607+37.00	Rt.	1
Emporia St.	608+93.50	Rt.	1
Emporia St.	608+93.50	Rt.	1
Emporia St.	609+04.50	Lt.	1
Emporia St.	609+29.00	Lt.	1
Emporia St.	609+69.82	Rt.	1
Emporia St.	609+79.82	Lt.	1
William St.	700+35.00	Lt.	1
William St.	703+33.93	Lt.	1
William St.	703+33.93	Rt.	1
William St.	704+25.93	Lt.	1
William St.	704+25.93	Rt.	1
William St.	705+33.41	Rt.	1
William St.	705+44.41	Lt.	1
William St.	706+05.91	Rt.	1
Total			19

7" A.C. PAVEMENT (5" BIT BASE) (BM-2, PG 70-28)			
LOCATION	STATION TO STATION	QUANTITY (S.Y.)	
Emporia St.	601+07.00	604+22.97	1544.74
Emporia St.	605+16.97	607+25.00	1017.04
Emporia St.	607+49.00	608+87.50	677.11
William St.	700+47.95	703+27.93	1354.58
William St.	704+31.93	705+27.41	466.79
St. Francis	43+02.91	45+80.00	1532.74
Total			6593.00

PAVEMENT REMOVAL			
LOCATION	STATION TO STATION	QUANTITY (S.Y.)	
Emporia St.	601+07.00	609+86.82	6045.56
William St.	700+40.00	706+05.91	4325.33
St. Francis St.	42+91.00	45+80.00	2207.89
Total			12578.78

DRIVE ENTRANCES (MEASURED QUANTITY)				
LOCATION	STATION	SIDE	W (FT.)	CONC. PVMT. (8") (REINF.) (S.Y.)
Emporia St.	601+40.50	Lt.	21	51.67
Emporia St.	605+29.50	Lt.	22	53.33
Emporia St.	606+14.00	Lt.	14	40.00
Emporia St.	608+41.50	Rt.	14	40.00
William St.	701+26.00	Lt.	25	38.89
William St.	701+92.50	Lt.	23	36.67
William St.	703+03.00	Lt.	21	22.78
William St.	705+70.00	Lt.	20	33.33
St. Francis	43+28.00	Rt.	20	91.67
Total				408.34

4" SIDEWALK PAVEMENT (MEASURED QUANTITY)				
LOCATION	STATION TO STATION	SIDE	QUANTITY (S.F.)	
Emporia St.	601+07.00	601+25.00	Lt.	270.00
Emporia St.	601+56.00	604+28.97	Lt.	4094.55
Emporia St.	605+10.97	605+13.50	Lt.	37.95
Emporia St.	605+45.50	606+02.00	Lt.	847.50
Emporia St.	606+26.00	606+41.25	Lt.	228.75
Emporia St.	608+04.50	608+29.50	Rt.	375.00
Emporia St.	608+53.50	608+93.50	Rt.	600.00
Emporia St.	609+79.82	609+86.82	Lt.	73.50
William St.	699+53.67	699+56.74	Lt.	24.56
William St.	700+10.50	700+57.83	Lt.	1672.67
William St.	700+46.00	701+75.00	Rt.	1290.00
William St.	700+57.83	701+08.50	Lt.	506.70
William St.	701+43.50	701+76.00	Lt.	325.00
William St.	702+05.00	703+33.93	Rt.	1289.30
William St.	702+09.00	702+87.50	Lt.	785.00
William St.	703+18.50	703+33.93	Lt.	154.30
William St.	704+25.93	705+33.41	Lt.	1074.80
William St.	704+25.93	705+33.41	Rt.	1074.80
William St.	705+85.00	706+05.91	Lt.	209.10
William St.	705+93.26	706+05.91	Rt.	35.88
St. Francis St.	42+96.91	44+35.50	Lt.	1455.20
St. Francis St.	42+96.91	43+13.00	Rt.	442.48
St. Francis St.	43+43.00	43+64.00	Rt.	516.46
St. Francis St.	44+60.50	44+83.00	Lt.	236.25
English St.	299+40.00	299+60.00	Lt.	155.56
English St.	299+40.00	299+60.00	Rt.	120.00
Total				17895.31

CONCRETE PAVEMENT (9") (UNIFORM)			
LOCATION	STATION TO STATION	QUANTITY (S.Y.)	
Emporia/English Intersection	604+22.97	605+16.97	634.62
Pedestrian Crosswalk	607+25.00	607+49.00	117.33
Emporia/William Intersection	608+87.50	609+86.82	590.07
William/St. Francis Intersection	703+27.93	704+31.93	742.56
William St.	705+27.41	706+05.91	383.78
Commerce St.	199+70.00	199+89.00	77.85
Total			2546.21

CONCRETE ALLEY ENTRANCES				
LOCATION	STATION	SIDE	W (FT.)	CONC. PVMT. (8") (REINF.) (S.Y.)
William St.	701+90.00	Rt.	20	33.33
St. Francis	44+48.00	Lt.	15	29.17
Total				62.50

No.	Revision	By	Date
EMPORIA STREET, WILLIAM STREET & ST. FRANCIS STREET			
SUMMARY OF QUANTITIES			
JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84744			
Professional Engineering Consultants, P.A. 303 S. TOPKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3			