STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
119+09	85.14	0.30				
119+50	83.35	0.01	127.93	0.24	127.93	0.24
120+00	92.44	5.29	162.77	4.91	290.70	5.14
120+50	111.54	6.41	188.87	10.83	479.58	15.97
120+69	127.92	7.07	84.26	4.74	563.83	20.71
121+00	160.06	3.80	165.33	6.24	729.16	26.96
121+50	166.17	3.27	302.07	6.55	1031.23	33.51
121+71.99	200.77	1.78	149.43	2.06	1180.65	35.56
122+11.79	263.47	1.25	342.16	2.23	1522.81	37.80
122+51.99	186.51	0.00	334.99	0.93	1857.80	38.73
123+00	191.29	0.00	335.90	0.00	2193.70	38.73
123+50	200.29	0.05	362.57	0.05	2556.27	38.78
123+51.12	200.01	0.06	8.30	0.00	2564.57	38.78
123+93.68	333.90	0.00	420.80	0.05	2985.37	38.83
124+36.06	187.56	0.00	409.25	0.00	3394.63	38.83
124+50	190.88	0.00	97.69	0.00	3492.32	38.83
125+03.99	176.19	0.04	367.00	0.04	3859.32	38.87
125+43.80	273.31	0.00	331.38	0.03	4190.70	38.89
125+83.99	154.83	0.44	318.65	0.33	4509.35	39.22
126+00	143.69	1.06	88.51	0.44	4597.86	39.66
126+50	133.95	1.60	257.08	2.46	4854.93	42.12
127+00	116.26	3.57	231.68	4.78	5086.61	46.91
127+45	109.69	2.68	188.29	5.20	5274.90	52.11
127+50	109.45	2.62	20.29	0.49	5295.19	52.60
128+00	102.54	0.61	196.29	2.99	5491.47	55.59
128+35.95	100.56	6.15	135.21	4.50	5626.68	60.09
128+75.68	151.94	4.21	185.78	7.62	5812.46	67.71
129+15.97	94.14	3.22	183.61	5.54	5996.07	73.25
129+50	113.52	0.04	130.86	2.05	6126.93	75.31
129+85.03	131.12	10.36	158.70	6.75	6285.63	82.06
130+50	60.49	63.96	230.54	89.42	6516.17	171.48
131+00	89.29	44.43	138.68	100.36	6654.85	271.84
131+50	94.89	25.63	170.53	64.87	6825.38	336.71
131+75	96.10	21.87	88.42	21.99	6913.80	358.70
132+00	88.11	23.62	85.28	21.06	6999.08	379.77
132+50	96.96	21.18	171.36	41.49	7170.43	421.25
132+90	89.21	23.29	137.90	32.94	7308.33	454.19
133+00	86.67	23.46	32.57	8.66	7340.90	462.85
133+50	118.43	15.40	189.92	35.99	7530.82	498.84
134+00	97.62	21.61	200.05	34.27	7730.87	533.11
134+25	103.35	19.73	93.04	19.14	7823.91	552.24
134+50	107.91	16.51	97.81	16.78	7921.72	569.02
135+00	141.40	8.18	230.84	22.87	8152.56	591.89
135+50	165.22	4.80	283.91	12.02	8436.47	603.91
136+00	155.40	6.57	296.87	10.52	8733.34	614.43
136+50	159.39	4.71	291.47	10.44	9024.80	624.87
137+00	165.38	5.19	300.71	9.17	9325.51	634.04
137+50	156.39	7.76	297.93	11.99	9623.44	646.03
138+00	159.38	9.52	292.39	16.00	9915.83	662.03
138+50	141.11	11.97	278.23	19.90	10194.06	681.93
139+00	139.36	8.72	259.69	19.16	10453.76	701.09
139+50	124.63	14.56	244.43	21.55	10698.19	722.64
140+00	144.80	13.04	249.47	25.55	10947.65	748.19
140+50	129.32	14.65	253.81	25.64	11201.47	773.83
141+00	115.65	15.99	226.83	28.37	11428.29	802.20
141+50	87.51	19.85	188.12	33.18	11616.41	835.38
141+63.51	81.87	20.12	42.38	10.00	11658.79	845.38
142+03.62	81.93	3.09	121.67	17.24	11780.46	862.62
142+43.47	59.65	7.74	104.48	7.99	11884.95	870.62
142+50	65.30	7.08	15.11	1.79	11900.06	872.41
143+00	83.55	3.41	137.82	9.71	12037.88	882.12
143+50	102.82	2.33	172.56	5.31	12210.44	887.43
144+00	143.50	0.01	228.07	2.17	12438.51	889.60
144+50	163.98	0.00	284.70	0.01	12723.21	889.61
145+00	170.80	0.07	309.98	0.06	13033.19	889.67
145+50	174.48	0.01	319.71	0.07	13352.90	889.74
			290.88	0.16	13643.78	889.90

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
146+00	139.68	0.16				
146+50	124.79	0.98	244.88	1.06	13888.66	890.96
147+00	119.64	0.64	226.33	1.50	14114.99	892.46
147+50	115.50	0.80	217.72	1.33	14332.71	893.79
147+75	112.48	1.71	105.54	1.16	14438.25	894.95
148+00	107.69	1.51	101.93	1.49	14540.18	896.44
148+27.49	134.33	0.05	123.21	0.79	14663.39	897.23
148+67.49	165.49	0.03	222.08	0.06	14885.47	897.29
149+07.49	126.94	0.01	216.61	0.03	15102.08	897.32
149+50	138.26	0.24	208.77	0.20	15310.85	897.52
150+00	179.91	0.13	294.60	0.35	15605.45	897.86
150+50	287.33	0.00	432.62	0.12	16038.08	897.99
150+75	276.17	0.00	260.88	0.00	16298.95	897.99
151+00	285.72	0.00	260.13	0.00	16559.08	897.99
151+50	266.96	0.00	511.73	0.00	17070.82	897.99
152+00	259.20	0.80	487.18	0.74	17558.00	898.73
152+50	251.01	1.78	472.42	2.39	18030.42	901.12
153+00	232.24	2.40	447.46	3.87	18477.88	904.99
153+50	216.87	0.96	415.85	3.11	18893.73	908.09
154+00	206.08	3.15	391.62	3.81	19285.34	911.90
154+50	215.25	1.96	390.12	4.74	19675.46	916.64
154+93.96	201.08	4.42	338.92	5.20	20014.38	921.83
155+33.96	253.76	0.00	336.92	3.28	20351.30	925.11
155+74.04	188.18	0.70	328.02	0.52	20679.33	925.63
156+00	190.33	2.32	181.97	1.45	20861.29	927.08
156+50	214.41	0.55	374.76	2.65	21236.05	929.74
157+00	245.48	0.00	425.82	0.50	21661.87	930.24
157+50	274.60	0.00	481.56	0.00	22143.43	930.24
158+00	257.49	0.16	492.67	0.15	22636.10	930.39
158+50	236.00	0.00	456.94	0.15	23093.04	930.54
159+00	217.01	0.00	419.45	0.00	23512.49	930.54
159+50	198.34	0.00	384.58	0.00	23897.08	930.55
160+00	190.61	0.00	360.14	0.00	24257.22	930.55
160+50	167.99	0.00	332.04	0.00	24589.26	930.55
161+00	145.41	0.25	290.18	0.23	24879.44	930.78
161+50	135.57	0.01	260.16	0.24	25139.60	931.03
161+57.47	133.59	0.08	37.23	0.01	25176.83	931.04
161+96.62	138.66	0.13	197.39	0.15	25374.22	931.19
162+37.39	159.72	0.32	225.28	0.34	25599.50	931.54
162+50	175.70	0.00	78.33	0.07	25677.83	931.61
162+90	181.19	0.00	264.36	0.00	25942.19	931.61
163+00	172.91	0.00	65.57	0.00	26007.76	931.61
163+50	177.33	0.00	324.29	0.00	26332.05	931.61
164+00	173.08	0.00	324.45	0.00	26656.51	931.61
164+50	176.54	0.00	323.73	0.00	26980.23	931.61
165+00	200.67	2.73	349.28	2.53	27329.51	934.15
165+50	198.28	1.76	369.40	4.16	27698.91	938.30
165+85	199.51	7.44	257.83	5.96	27956.74	944.27
166+00	193.38	11.10	109.14	5.15	28065.88	949.42
166+50	201.88	0.05	365.98	10.32	28431.86	959.74
167+00	163.70	0.07	338.50	0.11	28770.35	959.85
167+50	132.91	0.00	274.64	0.07	29044.99	959.92
167+99.13	86.85	0.48	199.94	0.44	29244.94	960.36
169+70.39	96.60	7.55	581.82	25.48	29826.75	985.84
170+00	96.09	1.40	105.66	4.91	29932.41	990.75
170+50	110.40	0.47	191.19	1.73	30123.60	992.48
171+00	125.51	0.43	218.44	0.83	30342.05	993.32
171+50	121.57	2.17	228.78	2.40	30570.83	995.72
172+00	128.93	0.05	231.95	2.05	30802.77	997.77
172+50	127.65	0.00	237.58	0.04	31040.35	997.82
172+76.85	126.07	0.30	126.16	0.15	31166.51	997.97
173+16.55	133.02	0.43	190.48	0.54	31356.99	998.51
173+56.68	88.83	0.19	164.86	0.46	31521.85	998.97
174+00	89.99	0.35	143.45	0.44	31665.30	999.40
174+24.80	93.63	2.21	84.33	1.18	31749.63	1000.58
			0.00	0.00	31749.63	1000.58

Quantities in these Tables have been figured by the Average End Area Method. The Quantities have not been adjusted by any factors.

PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-76-245-83324	XSEC21	F:\Eng\Hydraulic\Earth

DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
JFB	TPV	JFB	Sept. 2002	1:5	99-09-E450

CAPITAL IMPROVEMENT PROJECT
HYDRAULIC AVENUE
EARTHWORK QUANTITIES
HYDRUALIC AVENUE PAVING - 47TH STREET SOUTH TO MACARTHUR ROAD

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET 102 OF 102