

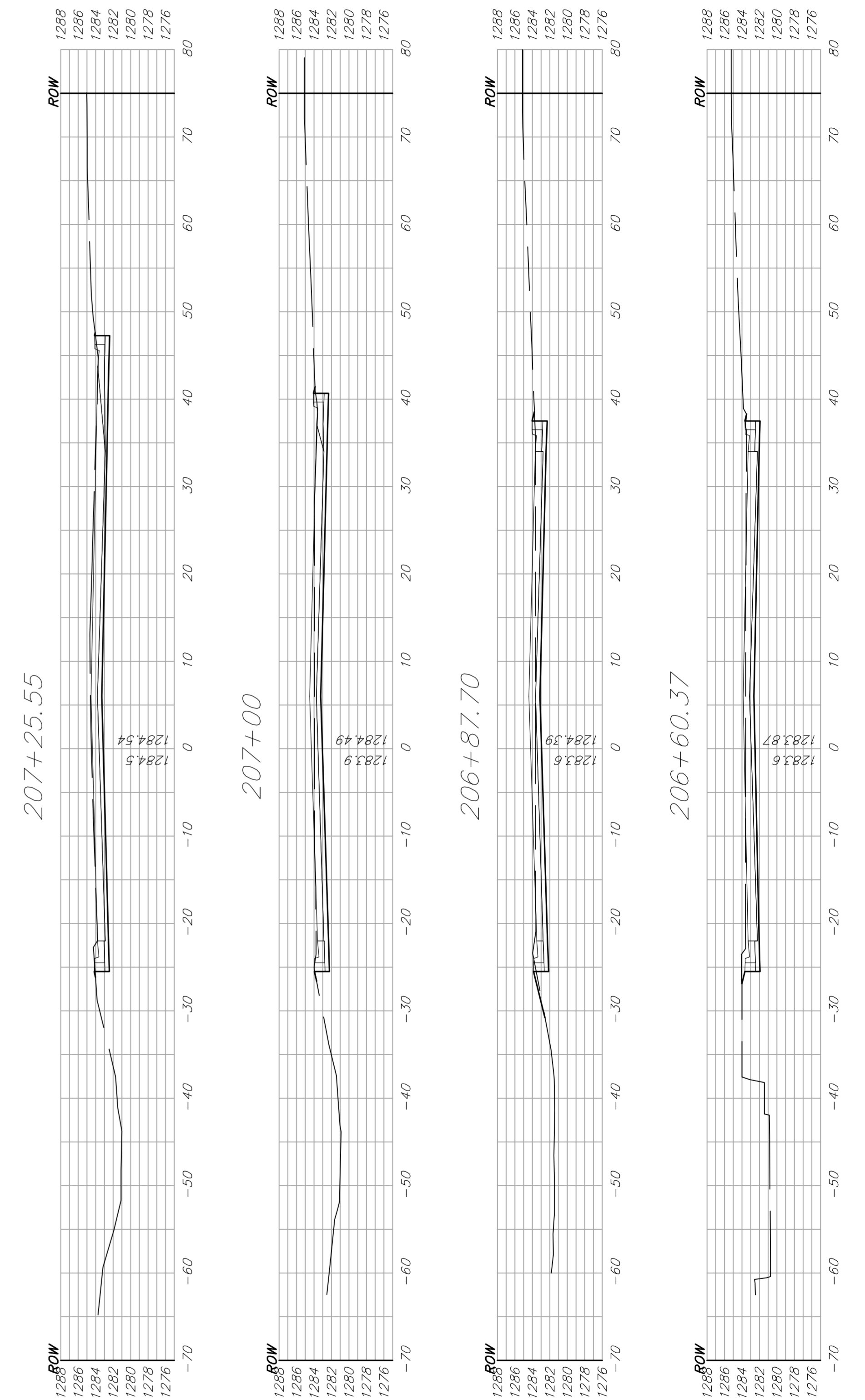
STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	Square Feet		Cubic Yards		Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
158+18.75	108.06	2.70	120.70	4.25	120.70	4.25
158+50	100.51	4.64	181.01	6.38	301.71	10.62
159+00	94.98	2.25	163.01	6.36	464.72	16.98
159+50	81.07	4.62	144.18	10.84	608.91	27.82
160+00	74.64	7.09	142.36	9.87	751.26	37.69
160+50	79.10	3.57	160.66	7.66	911.92	45.35
161+00	94.41	4.70	171.06	18.88	1082.99	64.23
161+50	90.34	15.69	149.25	26.29	1232.24	90.52
162+00	70.85	12.70	114.45	36.10	1346.69	126.62
162+50	52.76	26.28	83.70	58.08	1430.39	184.70
163+00	37.64	36.44	73.70	58.05	1504.09	242.75
163+50	41.96	26.25	97.64	37.03	1601.73	279.78
164+00	63.50	13.75	131.78	20.85	1733.52	300.63
164+50	78.82	8.77	142.67	25.16	1876.18	325.79
165+00	75.26	18.39	160.44	55.13	2036.62	380.92
165+50	98.02	41.15	224.22	60.37	2260.84	441.29
166+00	144.14	24.06	291.44	39.39	2552.28	480.69
166+50	170.62	18.49	330.90	34.67	2883.17	515.36
167+00	186.75	18.96	346.23	37.31	3229.41	552.67
167+50	187.18	21.34	361.54	46.20	3590.94	598.87
168+00	203.28	28.55	380.32	40.46	3971.27	639.32
168+50	207.47	15.14	374.76	16.10	4346.03	655.42
169+00	197.28	2.25	334.27	50.16	4680.30	705.58
169+50	163.74	51.92	294.72	103.52	4975.02	809.09
170+00	154.56	59.88	264.91	122.51	5239.94	931.60
170+50	131.55	72.43	263.17	125.67	5503.11	1057.27
171+00	152.68	63.29	294.30	97.62	5797.41	1154.89
171+50	165.17	42.14	262.13	69.78	6059.54	1224.67
171+93.52	160.08	44.44	563.40	106.50	6622.94	1331.17
173+00.02	125.59	9.56	236.97	50.08	6859.91	1381.26
173+50	130.45	44.56	215.58	70.20	7075.49	1451.46
174+00	102.38	31.26	235.94	28.95	7311.42	1480.41
174+50	152.43	0.00	48.30	0.22	7359.72	1480.63
174+60	108.39	1.21	29.91	0.91	7389.63	1481.54
174+67.50	106.93	5.32	124.37	3.90	7514.00	1485.44
175+00	99.72	1.17	176.23	1.71	7690.23	1487.15
175+50	90.60	0.68	142.21	1.33	7832.44	1488.48
175+90	101.38	1.12	28.82	0.35	7861.26	1488.83
175+97.50	106.12	1.42	218.77	10.92	8080.03	1499.75
176+50	118.90	9.81	233.42	26.46	8313.45	1526.21
177+00	133.20	18.77	260.74	23.54	8574.18	1549.75
177+50	148.40	6.65	38.55	1.62	8612.74	1551.38
177+57.15	142.78	5.62	426.77	78.74	9039.51	1630.11
178+59.80	81.72	35.80	103.73	48.09	9143.24	1678.21
179+00	57.62	28.80	92.58	99.80	9235.82	1778.01
179+50	42.37	78.98	39.91	87.92	9275.74	1865.93
179+81	27.16	74.16	29.23	42.73	9304.97	1908.66
180+00	55.91	47.29	102.03	77.67	9406.99	1986.33
180+50	54.27	36.59	66.56	42.15	9473.56	2028.48
180+83	54.65	32.39	33.53	21.21	9507.09	2049.69
181+00	51.86	34.99	99.67	44.59	9606.76	2094.28
181+50	55.79	13.17	123.30	17.56	9730.06	2111.84
182+00	77.38	5.79	150.42	8.38	9880.48	2120.22
182+50	85.08	3.25	175.39	6.90	10055.87	2127.12
183+00	104.34	4.19	195.29	4.51	10251.16	2131.63
183+50	106.57	0.68	217.52	0.63	10468.68	2132.26
184+00	128.35	0.00	23.59	0.00	10492.28	2132.26
184+04.90	131.67	0.00	226.77	0.01	10719.05	2132.27

Earthwork Quantities listed in these tables reflect the existing ground (including pavement) at the time of the survey. Actual Quantities for the Bid Summary shall be reduced by the volume of removed asphalt, figured using the following thicknesses:

STREET	STATIONS	ASSUMED PAVEMENT THICKNESS
Meridian Avenue	158 + 18.75 to 207 + 25.55	7" Asphalt

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	Square Feet		Cubic Yards		Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
184+50	139.85	0.01	256.71	2.53	10975.76	2134.80
184+95.01	168.13	3.02	31.12	0.58	11006.87	2135.38
185+00	168.63	3.25	306.33	3.95	11313.21	2139.33
185+50	162.21	1.02	286.97	2.94	11600.18	2142.27
186+00	147.72	2.16	266.47	5.23	11866.65	2147.51
186+50	140.07	3.49	252.85	3.23	12119.50	2150.74
187+00	133.01	0.00	230.02	0.00	12349.52	2150.74
187+50	115.42	0.00	199.72	3.57	12549.24	2154.31
188+00	100.28	3.86	176.71	32.67	12725.95	2186.98
188+50	90.57	31.42	164.98	51.74	12890.93	2238.71
189+00	87.60	24.46	175.95	29.72	13066.88	2268.43
189+50	102.42	7.64	206.77	7.07	13273.65	2275.50
190+00	120.89	0.00	238.40	0.00	13512.05	2275.50
190+50	136.58	0.00	230.33	1.10	13742.38	2276.60
191+00	112.17	1.19	178.92	4.34	13921.30	2280.94
191+50	81.06	3.50	125.76	24.18	14047.06	2305.12
192+00	54.76	22.61	23.72	5.08	14070.79	2310.21
192+12.03	51.72	0.20	70.66	18.59	14141.45	2328.79
192+50	48.77	26.23	85.68	24.38	14227.13	2353.18
193+00	43.77	0.10	6.99	1.40	14234.12	2354.57
193+04.99	31.90	14.99	49.50	26.07	14283.62	2380.64
193+50	27.48	16.28	67.84	21.91	14351.46	2402.55
194+00	45.79	7.38	93.88	10.21	14444.94	2412.76
194+50	55.17	3.64	117.02	3.44	14561.95	2416.20
195+00	71.21	0.07	144.23	0.18	14706.19	2416.38
195+50	84.56	0.13	34.22	0.03	14740.41	2416.41
195+60.52	91.11	0.00	139.62	1.85	14880.02	2418.26
196+00	99.86	2.54	183.68	2.36	15063.70	2420.62
196+50	98.51	0.01	2.83	0.00	15066.53	2420.62
196+50.73	111.13	0.01	42.39	0.01	15108.92	2420.63
196+61	111.74	0.02	153.58	0.02	15262.50	2420.65
197+00	100.91	0.01	191.84	0.02	15454.34	2420.66
197+50	106.28	0.01	192.25	0.01	15646.59	2420.68
198+00	101.35	0.00	180.12	0.00	15826.71	2420.68
198+50	93.17	0.00	159.41	0.05	15986.12	2420.72
199+00	78.99	0.05	61.21	0.02	16047.33	2420.74
199+21.35	75.82	0.00	82.29	3.28	16129.62	2424.02
199+50	79.28	6.18	153.77	5.74	16283.39	2429.76
200+00	86.79	0.02	22.29	0.08	16305.68	2429.84
200+07.86	66.34	0.53	108.51	1.94	16414.19	2431.78
200+50	72.70	1.95	136.94	1.98	16551.13	2433.77
201+00	75.19	0.19	150.40	0.28	16701.53	2434.04
201+50	87.24	0.11	168.63	0.12	16870.16	2434.16
202+00	94.88	0.02	183.97	0.02	17054.13	2434.18
202+50	103.81	0.00	219.52	0.00	17273.65	2434.18
203+00	133.27	0.00	254.11	0.00	17527.77	2434.18
203+50	141.18	0.00	161.17	0.00	17688.94	2434.18
203+78.55	163.66	0.00	127.10	0.00	17816.04	2434.18
204+00	156.32	0.00	276.96	0.00	18093.00	2434.18
204+50	142.79	0.00	64.77	0.02	18157.77	2434.20
204+62.50	137.02	0.09	183.10	1.76	18340.87	2435.96
204+99.78	128.20	2.46	623.93	7.49	18964.79	2443.45
206+60.37	81.60	0.06	71.69	0.53	19036.49	2443.97
206+87.70	60.05	0.98	30.37	0.25	19066.86	2444.23
207+00	73.29	0.12	81.71	0.09	19148.57	2444.31
207+25.55	99.41	0.06	0.00	0.00	19148.57	2444.31

The Earthwork Quantities in these tables have been figured using the Average End Area Method. These Quantities have NOT been adjusted by any factors.



Drawing File: E:\eng\Meridian - 47th to 31st\Land\dwg\XSec.dwg [XSEC 21]

Design: ENGINEER
Drawn: STAFF
Approved: ENGINEER
Scale: 1" = 10'

Project No. 0510.E396 CAPITAL IMPROVEMENT PROJECT
MERIDIAN AVENUE CROSS SECTIONS
MERIDIAN AVENUE - 47TH STREET SOUTH TO 31ST STREET SOUTH

Baughman **Baughman Company, P.A.**
315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

September 2009

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