

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	Square Feet		Cubic Yards		Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
11+25	197.43	52.95				
11+50	190.37	53.79	179.54	49.42	179.54	49.42
12+00	182.38	48.20	345.14	94.43	524.68	143.85
12+50	172.95	49.72	329.01	90.66	853.69	234.51
13+00	170.74	45.81	318.24	88.45	1171.93	322.96
13+50	166.41	36.11	312.17	75.85	1484.10	398.80
14+00	149.89	35.17	292.86	65.99	1776.97	464.80
14+50	146.04	29.90	274.00	60.25	2050.97	525.05
15+00	145.17	32.54	269.63	57.81	2320.60	582.86
15+50	162.13	15.45	284.53	44.44	2605.14	627.30
16+00	131.81	38.03	272.16	49.52	2877.30	676.82
16+50	137.36	33.88	249.23	66.59	3126.54	743.41
17+00	156.07	23.00	271.70	52.66	3398.23	796.07
17+50	168.33	17.46	300.36	37.46	3698.60	833.53
18+00	162.88	17.72	306.67	32.58	4005.27	866.11
18+50	167.89	7.72	306.27	23.56	4311.54	889.67
19+00	190.87	7.94	332.19	14.50	4643.73	904.17
19+50	189.85	5.64	352.53	12.58	4996.25	916.75
20+00	202.03	3.29	362.86	8.27	5359.11	925.01
20+50	223.72	0.25	394.22	3.28	5753.32	928.29
21+00	249.33	0.34	438.01	0.55	6191.33	928.83
21+50	253.67	0.27	465.74	0.56	6657.07	929.39
22+00	240.38	0.03	457.46	0.28	7114.53	929.67
22+50	212.85	1.09	419.66	1.04	7534.19	930.71
22+85	202.93	2.72	269.49	2.47	7803.68	933.18
23+73.75	188.88	8.39	643.94	18.26	8447.62	951.43
24+00	165.56	22.56	172.30	15.05	8619.91	966.48
24+50	188.53	9.57	327.86	29.75	8947.78	996.23
25+00	165.99	14.63	328.27	22.41	9276.04	1018.64
25+50	182.12	0.01	322.32	13.55	9598.37	1032.19
26+00	146.78	0.33	304.53	0.32	9902.90	1032.51
26+50	131.14	5.83	257.33	5.71	10160.23	1038.22
27+00	123.45	13.74	235.73	18.13	10395.96	1056.35
27+50	125.44	23.74	230.45	34.71	10626.42	1091.06
28+00	161.30	10.43	265.49	31.64	10891.91	1122.70
28+50	202.59	4.92	336.93	14.21	11228.84	1136.91
29+00	193.83	2.75	367.06	7.11	11595.90	1144.01
29+45.55	194.08	8.59	327.21	9.57	11923.11	1153.58
30+40.65	206.71	4.19	705.83	22.51	12628.94	1176.10
30+50	202.92	5.26	70.93	1.64	12699.87	1177.73
			388.75	9.16	13088.61	1186.89

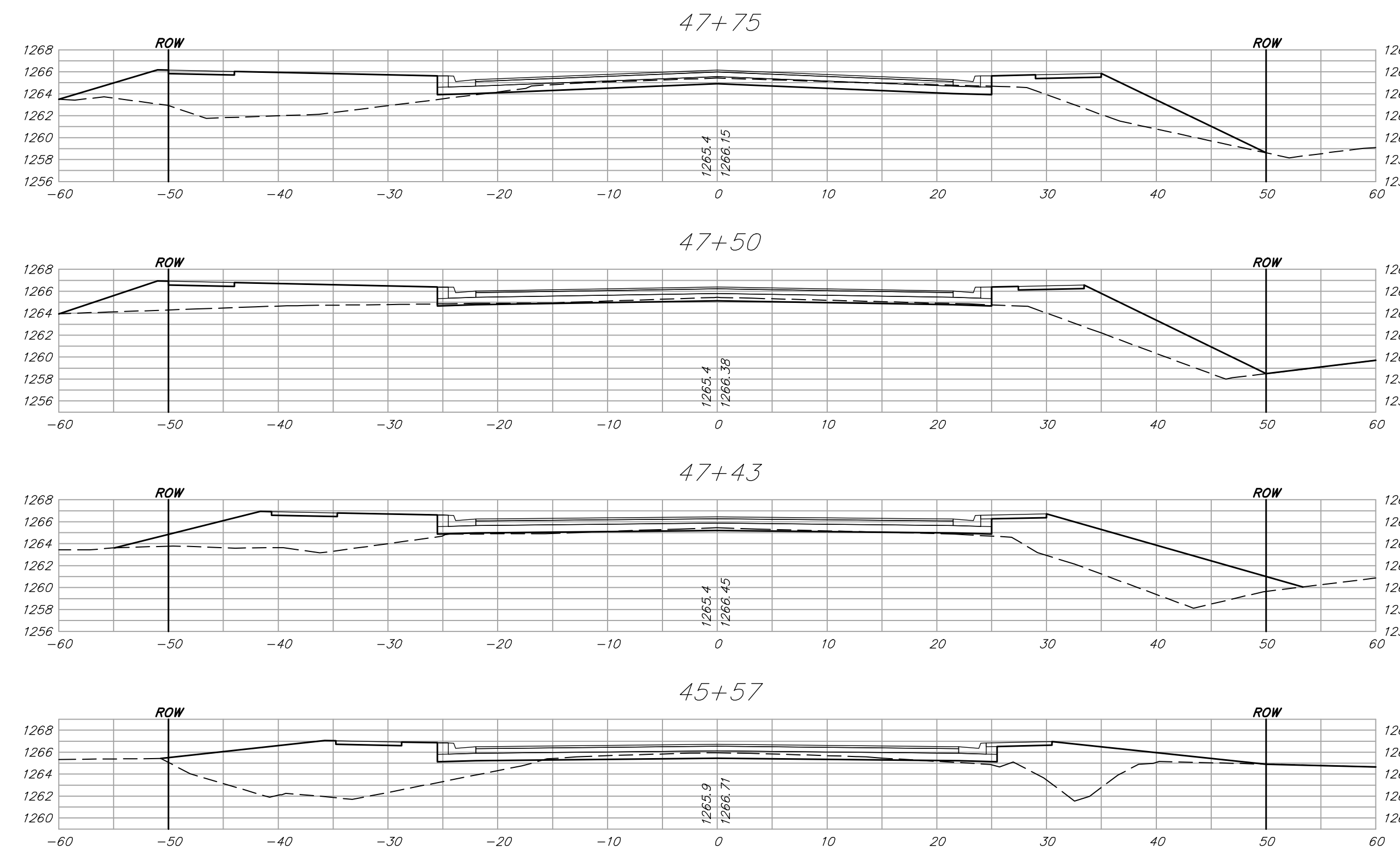
STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	Square Feet		Cubic Yards		Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
31+00	216.92	4.64	366.80	13.03	13455.41	1199.92
31+50	179.22	9.43	324.26	13.12	13779.67	1213.04
32+00	170.98	4.74	305.20	10.31	14084.87	1223.35
32+50	158.63	6.40	300.28	6.60	14385.15	1229.95
33+00	165.67	0.72	273.90	13.65	14659.05	1243.60
33+50	130.14	14.02	286.32	13.78	14945.37	1257.38
34+00	179.09	0.86	325.26	3.42	15270.63	1260.80
34+50	172.19	2.83	329.10	6.57	15599.73	1267.37
35+00	183.24	4.26	342.78	10.76	15942.51	1278.13
35+50	186.96	7.36	369.09	9.66	16311.61	1287.79
35+99.77	213.50	3.12	723.52	5.57	17035.13	1293.35
36+89.84	220.27	0.22	76.90	0.93	17112.03	1294.28
37+00	188.44	4.71	316.13	11.02	17428.16	1305.29
37+50	152.99	7.19	270.75	18.82	17698.91	1324.12
38+00	139.42	13.14	211.86	44.07	17910.77	1368.19
38+50	89.40	34.46	194.56	45.41	18105.33	1413.60
39+00	120.73	14.58	208.33	47.46	18313.66	1461.06
39+50	104.27	36.67	236.29	41.07	18549.95	1502.14
40+00	150.93	7.69	253.49	30.29	18803.44	1532.43
40+50	122.85	25.03	240.97	33.57	19044.42	1565.99
41+00	137.41	11.22	269.33	15.22	19313.75	1581.22
41+50	153.47	5.22	294.51	7.75	19608.26	1588.97
42+00	164.60	3.16	331.87	3.56	19940.13	1592.53
42+50	193.82	0.68	362.08	9.07	20302.21	1601.59
43+00	197.22	9.11	331.06	64.35	20633.27	1665.94
43+50	160.32	60.39	258.92	193.17	20892.19	1859.11
44+00	119.32	148.23	187.16	286.48	21079.35	2145.59
44+50	82.82	161.16	125.11	312.89	21204.46	2458.47
45+00	52.30	176.75	64.17	331.46	21268.62	2789.93
45+50	17.00	181.23	3.67	46.31	21272.29	2836.24
45+57	11.29	176.01	0.00	0.00	21272.29	2836.24

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	Square Feet		Cubic Yards		Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
47+43	2.90	220.79	1.50	59.63	1.50	59.63
47+50	8.64	239.24	16.17	226.04	17.66	285.67
47+75	26.28	249.00	0.00	0.00	17.66	285.67

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

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 as such:

STREET	STATIONS	ASSUMED PAVEMENT THICKNESS
Hydraulic Avenue	11+25 to 45+73	9" Asphalt
Hydraulic Avenue	47+73 to 47+75	7" Asphalt



Drawing File: F:\eng\Hydraulic\PHS3\Land\dwg\XSec.dwg (XSEC 07)
 Design: STAFF
 Drawn: TPV
 Approved: JFB
 Scale: 1" = 10'

Project No. 99-09-E452 CAPITAL IMPROVEMENT PROJECT
HYDRAULIC AVENUE CROSS SECTIONS AND EARTHWORK QUANTITIES
 HYDRAULIC AVENUE PAVING - 61RD STREET SOUTH TO RIVERSIDE DRAINAGE CANAL

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