

EARTHWORK TOTALS - 119TH ST

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	CUT	FILL	CUT	FILL	CUT	FILL
9+94.49	81.10	0.00	14.50	0.03	14.50	0.03
10+00	60.99	0.25	108.07	5.94	122.57	5.97
10+50	55.73	6.17	98.38	13.90	220.95	19.87
11+00	50.52	8.84	93.94	16.80	314.89	36.67
12+00	59.76	12.26	102.49	19.96	417.38	56.63
12+50	61.53	15.15	112.31	25.38	529.69	82.01
13+00	80.33	13.70	116.93	23.77	646.62	105.79
13+50	79.67	15.45	16.27	2.98	662.89	108.75
14+00	74.87	12.58	143.10	25.95	805.98	134.70
14+15.16	104.27	12.40	161.28	24.65	967.27	159.35
14+19.58	103.84	12.26	17.03	2.02	1024.42	168.77
14+50	0.00	0.00	58.50	6.90	1099.95	175.69
15+00	0.00	0.00	0.00	0.00	1099.95	175.69
15+80.75	88.62	14.96	50.46	8.52	1150.42	184.21
15+84.98	20.31	56.93	8.53	5.63	1158.95	189.84
16+00	18.75	52.05	10.86	30.31	1169.81	220.15
16+50	28.62	42.40	43.84	87.45	1213.65	307.60
17+00	50.50	25.38	73.26	62.76	1286.91	370.36
17+07.13	58.44	2.25	14.38	3.65	1301.29	374.00
17+50	62.70	2.05	99.68	3.41	1400.97	377.42
18+00	62.70	1.13	120.21	2.94	1521.18	380.36
18+50	68.65	1.15	121.63	2.11	1642.80	382.47
19+00	71.15	2.11	129.45	3.01	1772.25	385.48
19+50	72.50	3.55	133.01	5.23	1905.25	390.72
20+00	75.28	2.56	136.83	5.66	2042.08	396.37
20+07.13	38.09	2.52	14.97	0.67	2057.05	397.05
			0.00	0.00	2057.05	397.05

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

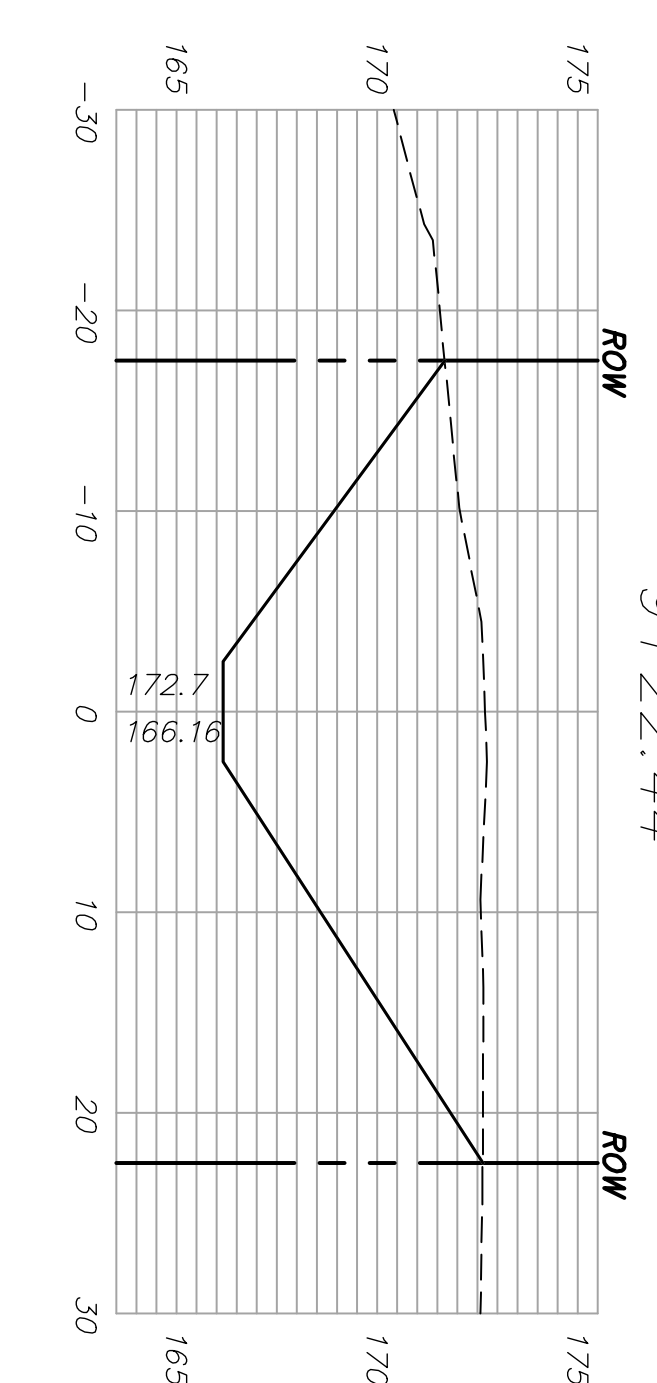
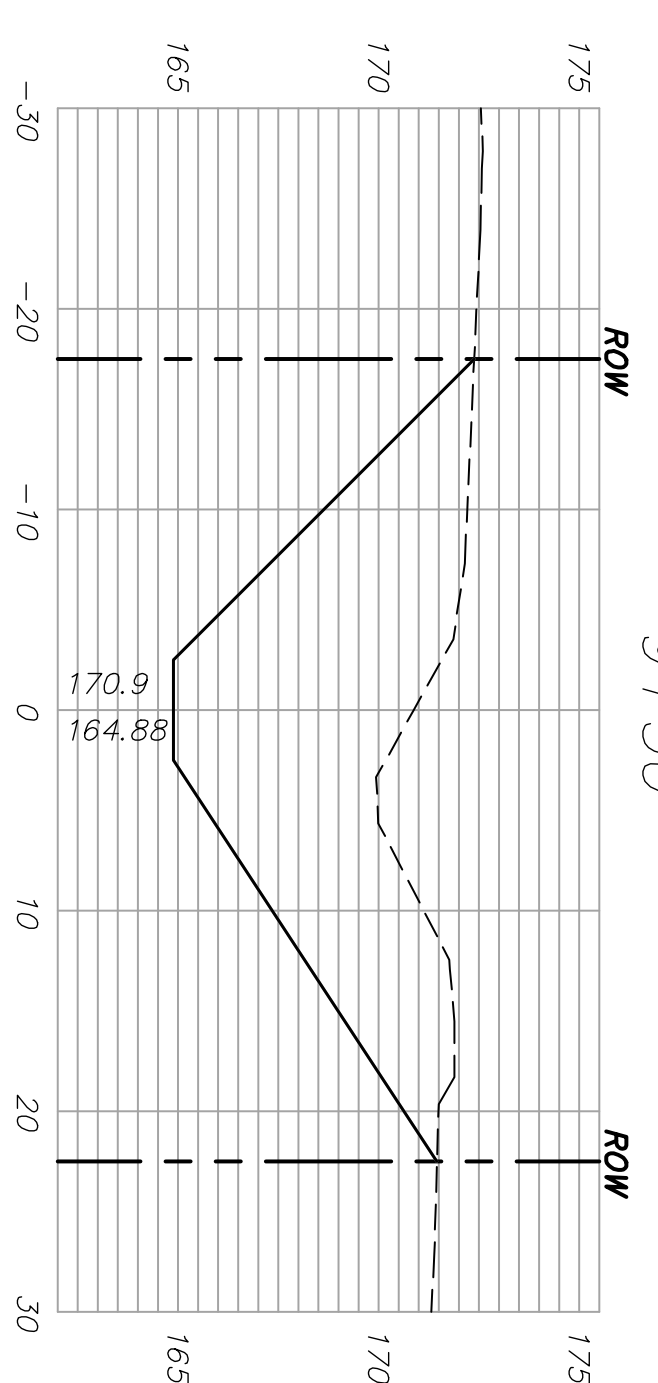
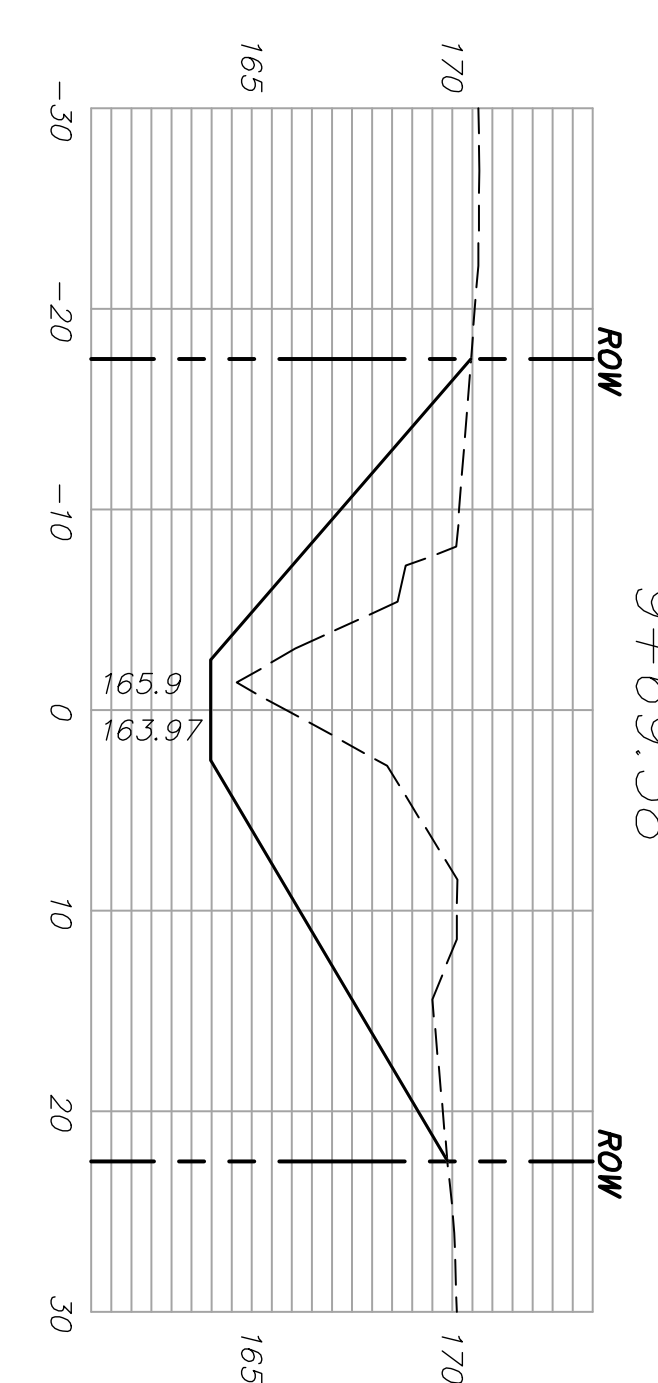
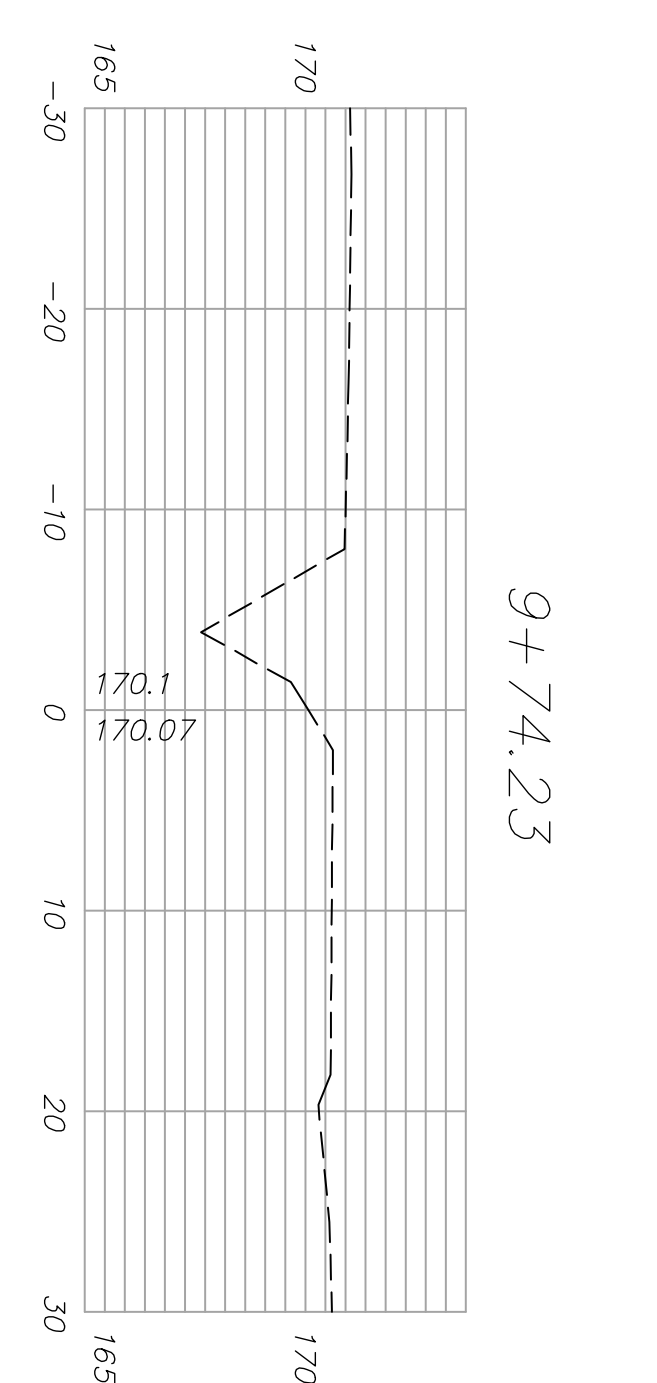
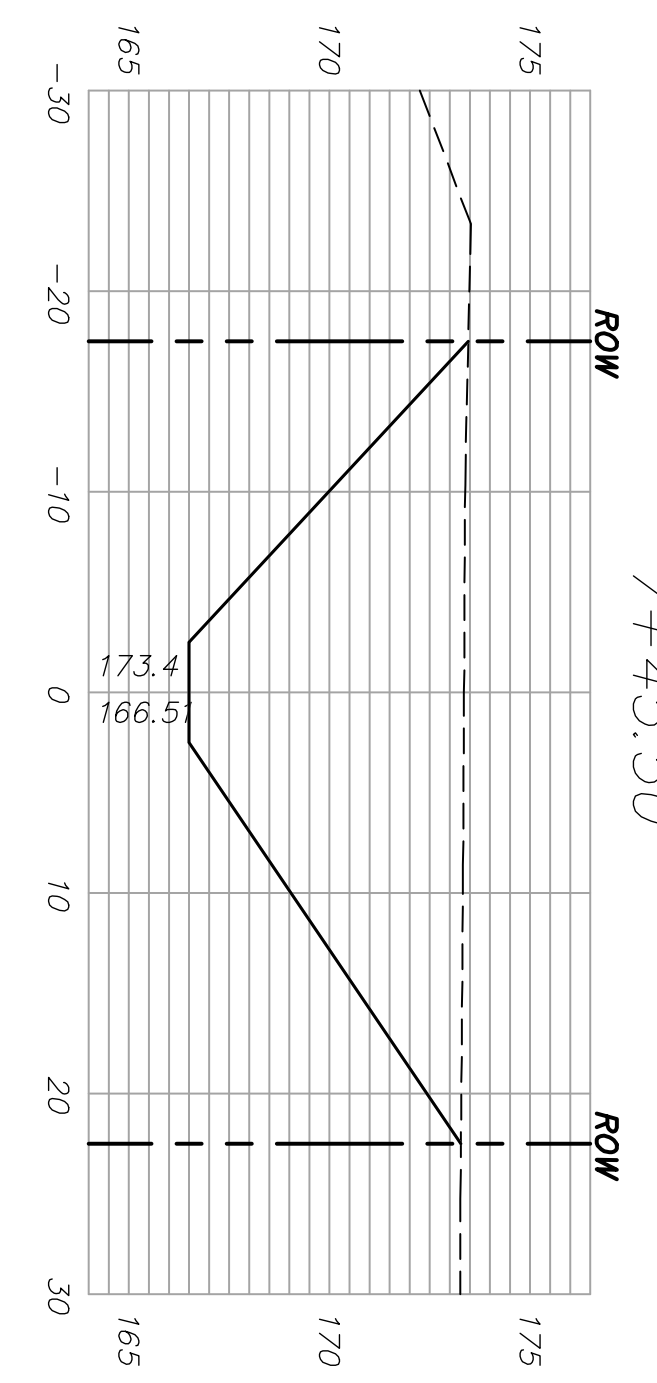
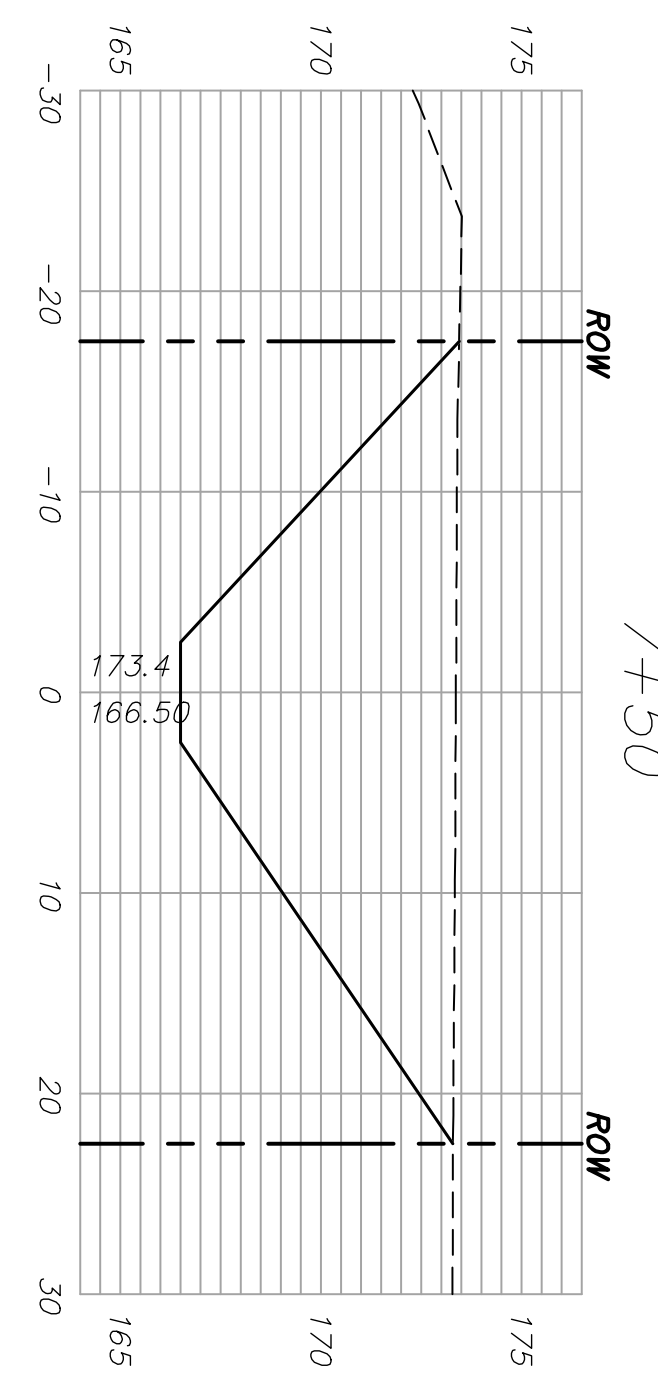
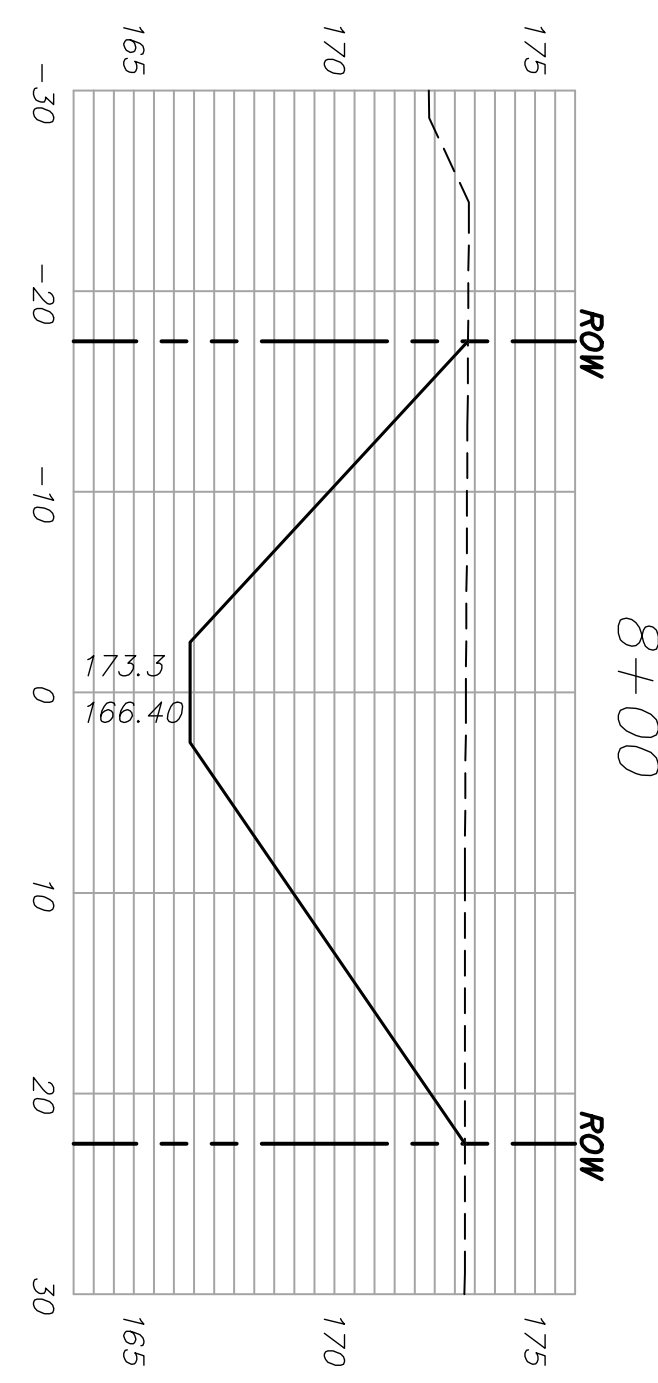
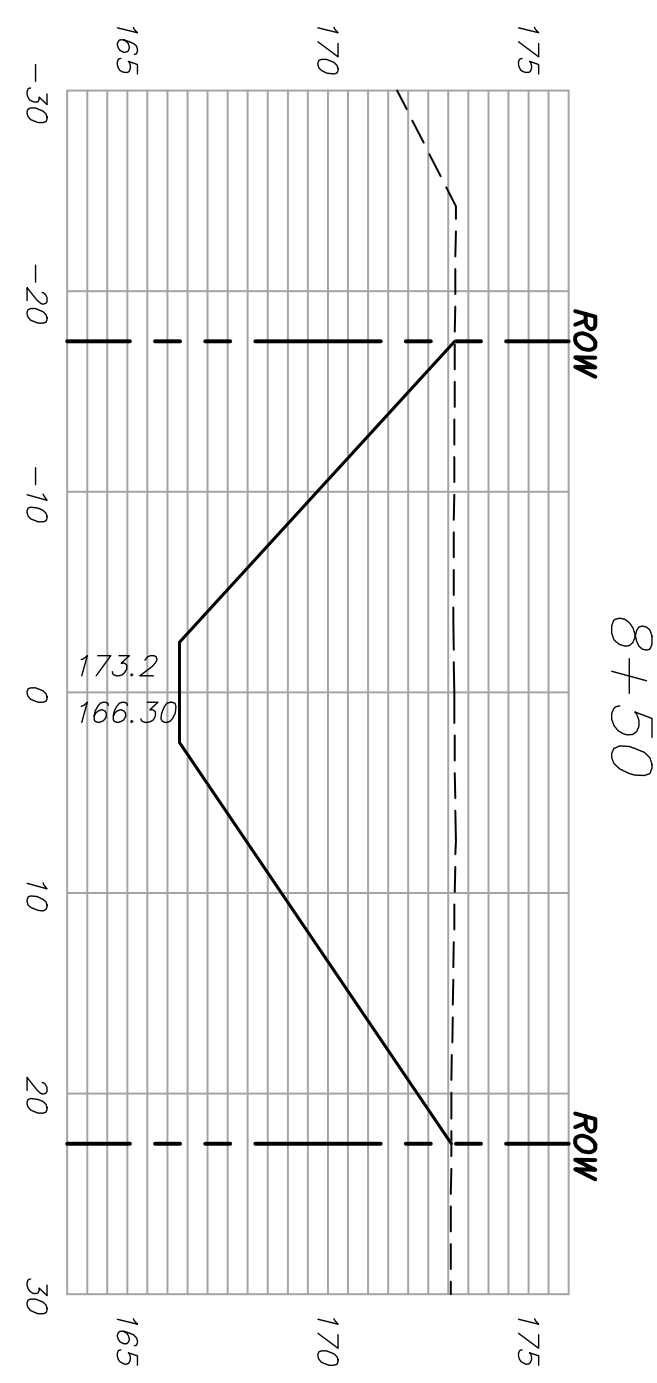
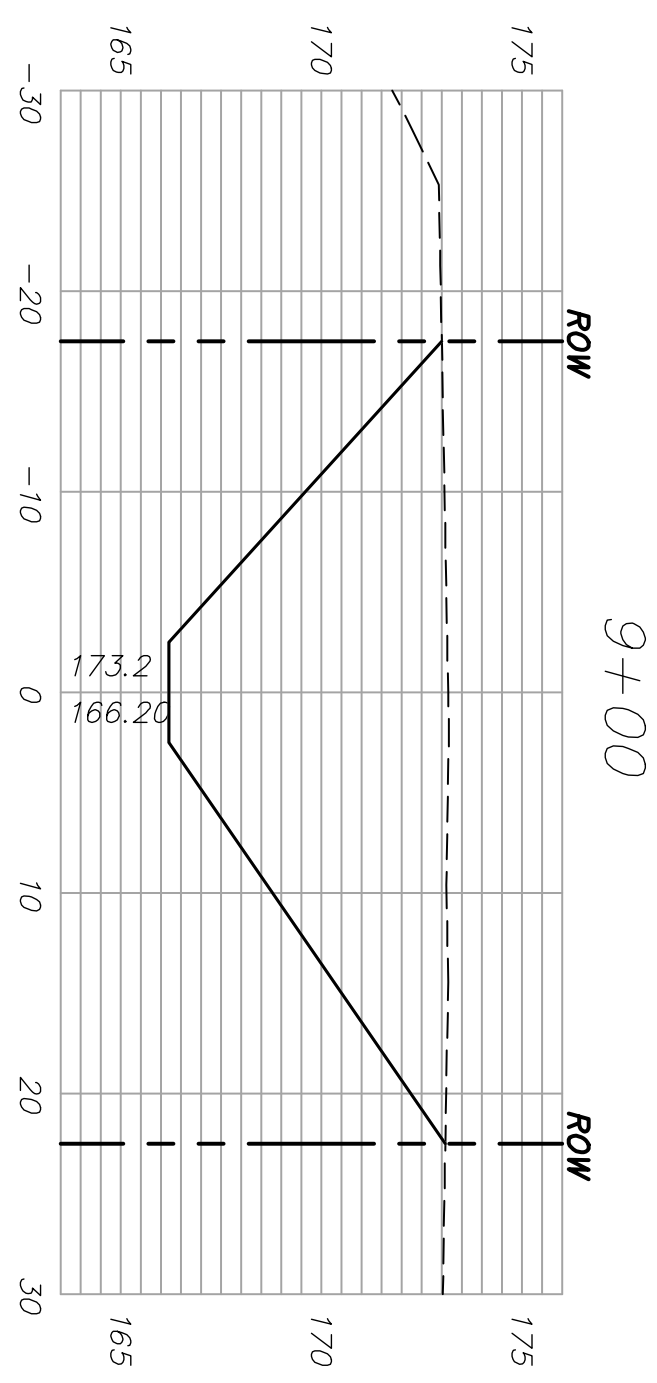
Note: Earthwork quantities along Maize Road Widening have been calculated from the geometric properties of the section and not from actual earthwork cross sections. Earthwork cross sections for this portion of the project were not generated. Please refer to the Typical Section for additional information.
 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
29th Street	9+50 to 63+00	4" Asphalt
119th Street	10+00 to 20+00	6" Asphalt
Maize Road	4+00 to 20+00	6" Asphalt

Earthwork Totals for 29th Street: Cut (Cu Yds) 29,485 Fill (Cu Yds) 30,880

EARTHWORK TOTALS - DRAINAGE CHANNEL (S)

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	Square Feet	FILL	CUT	FILL	CUT	FILL
0+00	145.43	0.00	252.78	0.00	252.78	0.00
0+50	127.57	0.00	237.23	0.00	490.01	0.00
1+00	128.64	0.00	239.68	0.00	729.69	0.00
1+50	130.21	0.00	242.02	0.00	971.70	0.00
2+00	131.17	0.00	243.30	0.00	1215.00	0.00
2+50	131.94	0.00	246.78	0.00	1461.79	0.00
3+00	134.94	0.00	251.37	0.00	1713.15	0.00
3+50	136.54	0.00	252.27	0.00	1965.43	0.00
4+00	135.91	0.00	258.27	0.00	2223.69	0.00
4+50	143.02	0.00	270.30	0.00	2493.99	0.00
5+00	148.91	0.00	278.96	0.00	2772.96	0.00
5+50	152.37	0.00	286.18	0.00	3059.14	0.00
6+00	156.71	0.00	293.50	0.00	3352.63	0.00
6+50	160.27	0.00	295.20	0.00	3637.84	0.00
7+00	147.75	0.00	58.27	0.00	3696.11	0.00
7+10.61	148.81	0.00	195.57	0.00	3891.67	0.00
7+45.50	153.87	0.00	25.69	0.00	3917.36	0.00
7+50	154.37	0.00	286.09	0.00	4203.45	0.00
8+00	154.60	0.00	286.10	0.00	4489.55	0.00
8+50	156.38	0.00	287.95	0.00	4777.49	0.00
9+00	156.60	0.00	125.68	0.00	4903.17	0.00
9+22.44	145.84	0.00	147.32	0.00	5050.50	0.00
9+50	142.83	0.00	87.20	0.00	5137.70	0.00
9+69.58	97.67	0.00	8.42	0.00	5146.12	0.00
9+74.23	0.00	0.00	0.00	0.00	5146.12	0.00



NOTED
 Design: AZERRE
 Drawn: AZERRE
 Approved: JFB
 Scale: NOTED
 Drawing File: \\eng\29th\0419\055

CAPITAL IMPROVEMENT PROJECT
 29th Street Paving Plan
 Offsite Drainage Ditch Cross Sections
 Project No. 04-03-B828
 29th Street Paving Project - Maize Road to 119th Street

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SHEET 135 OF 135
 MARCH, 2007