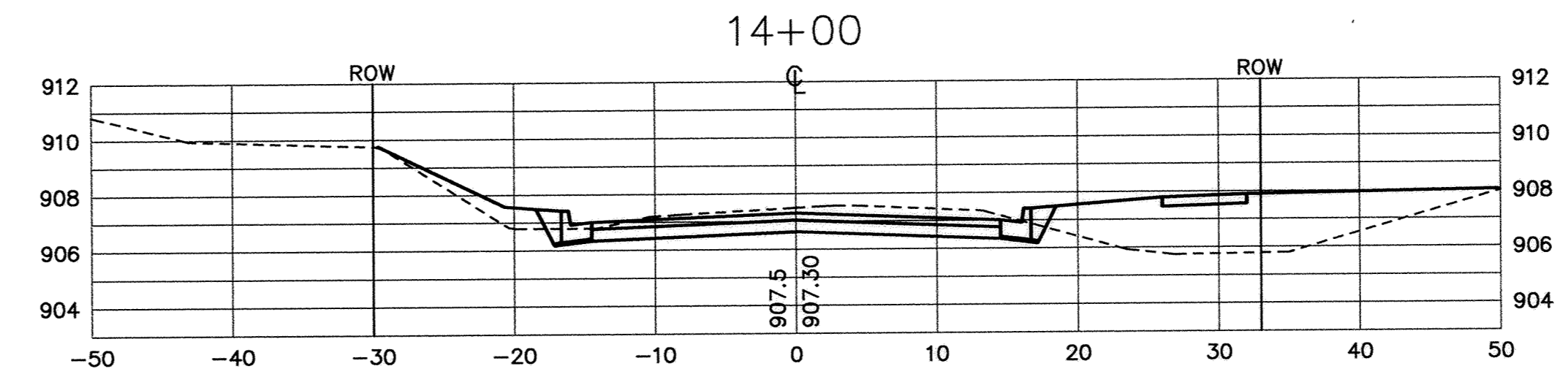
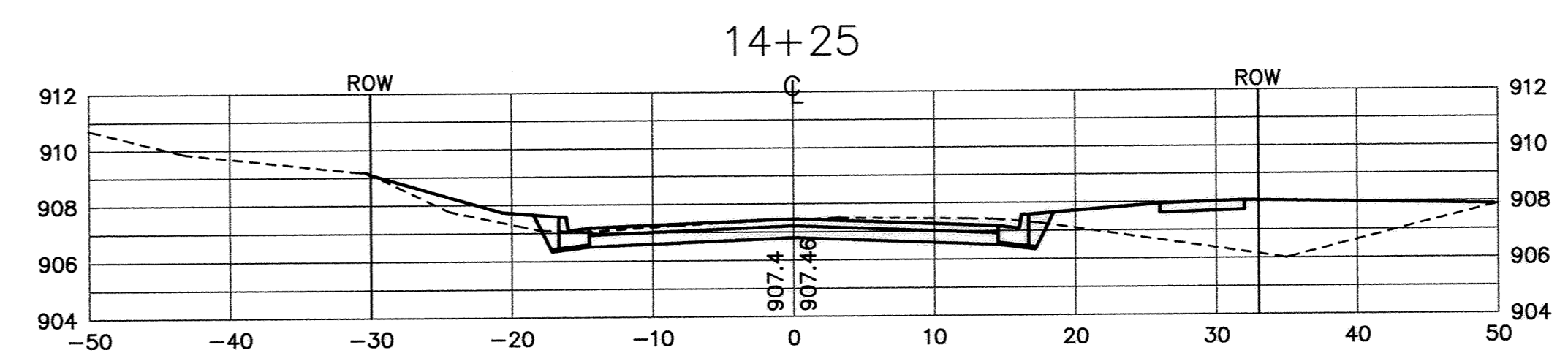
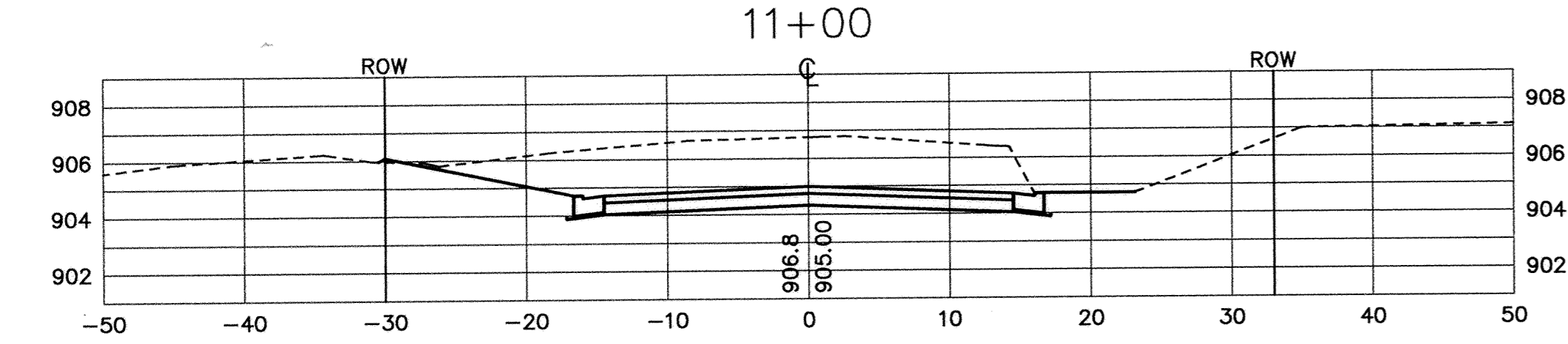
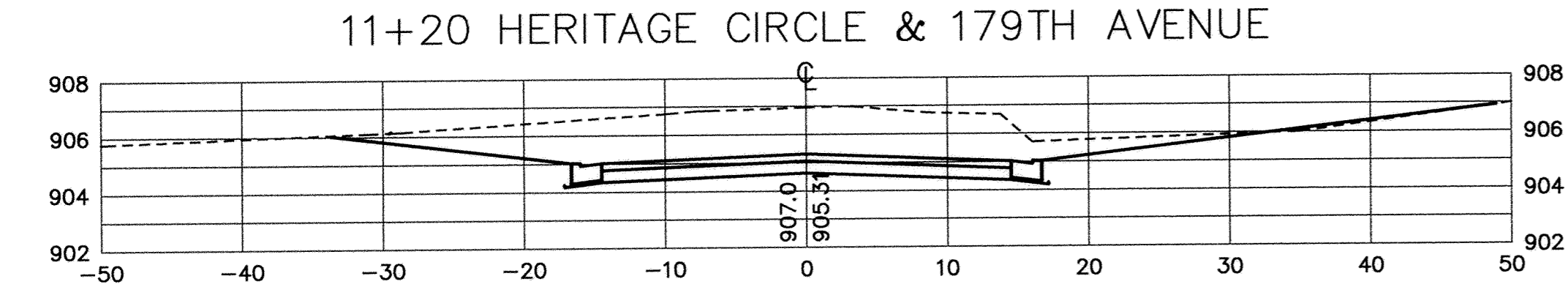
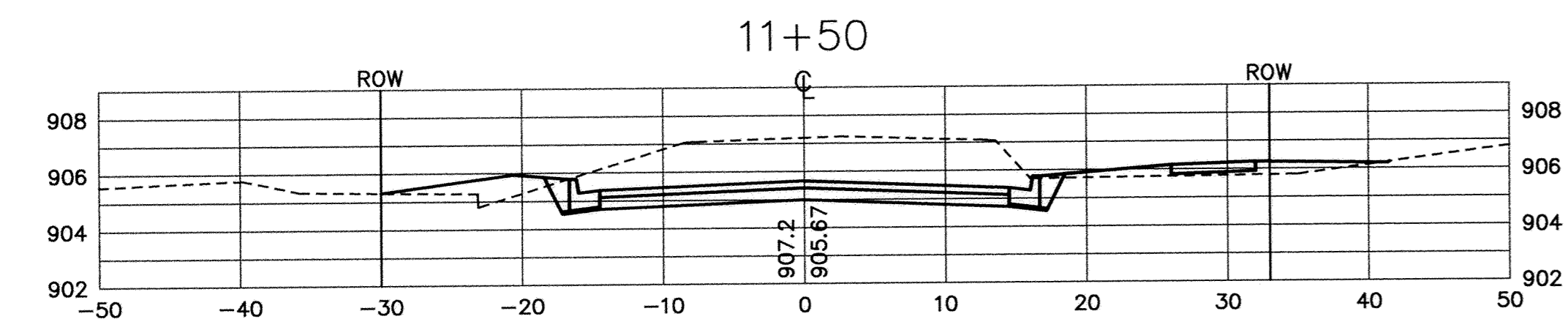
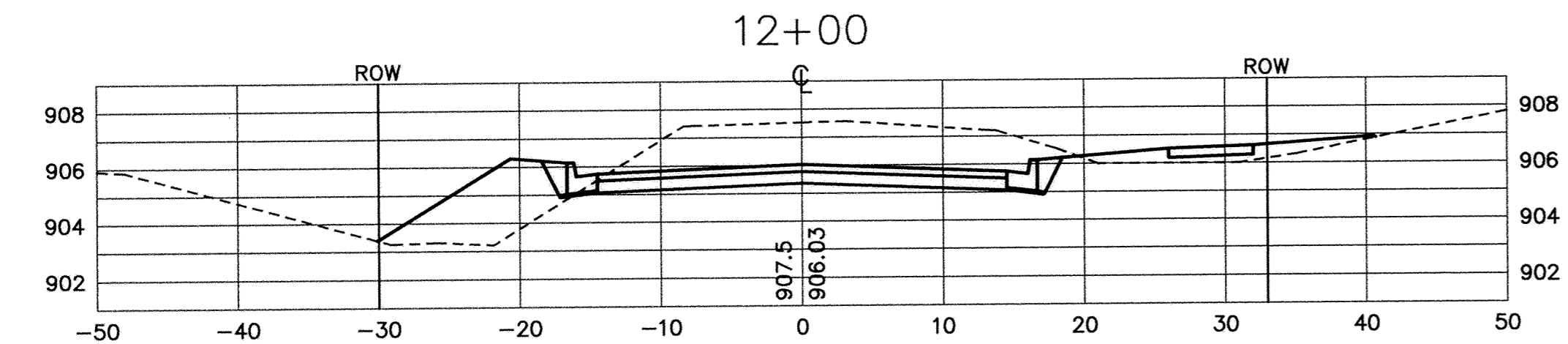
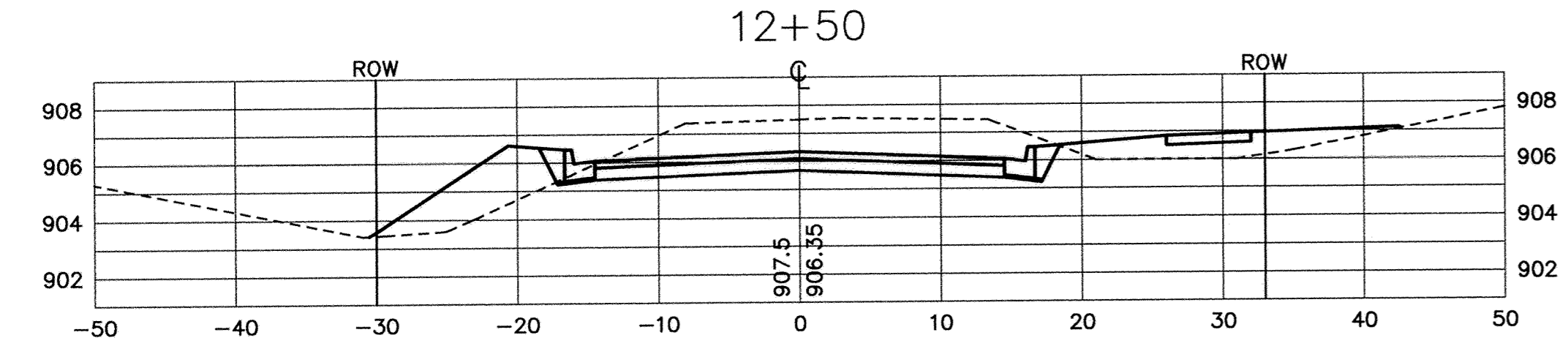
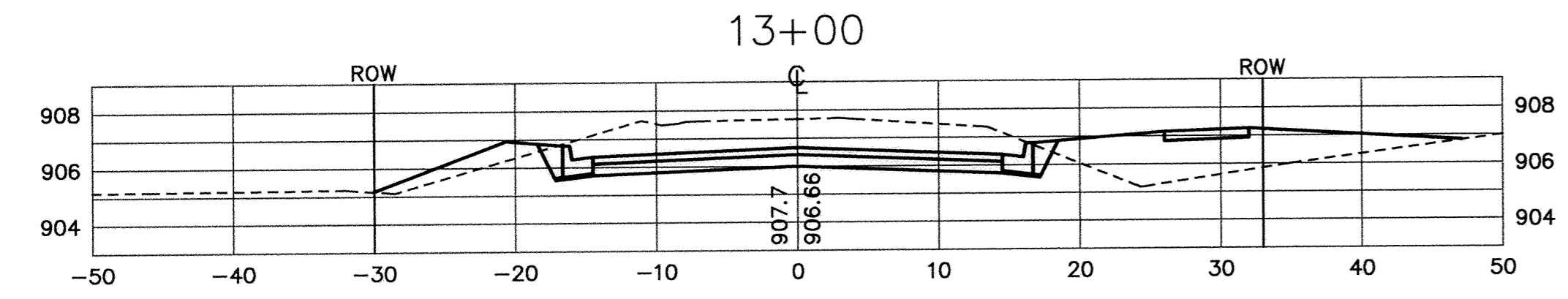
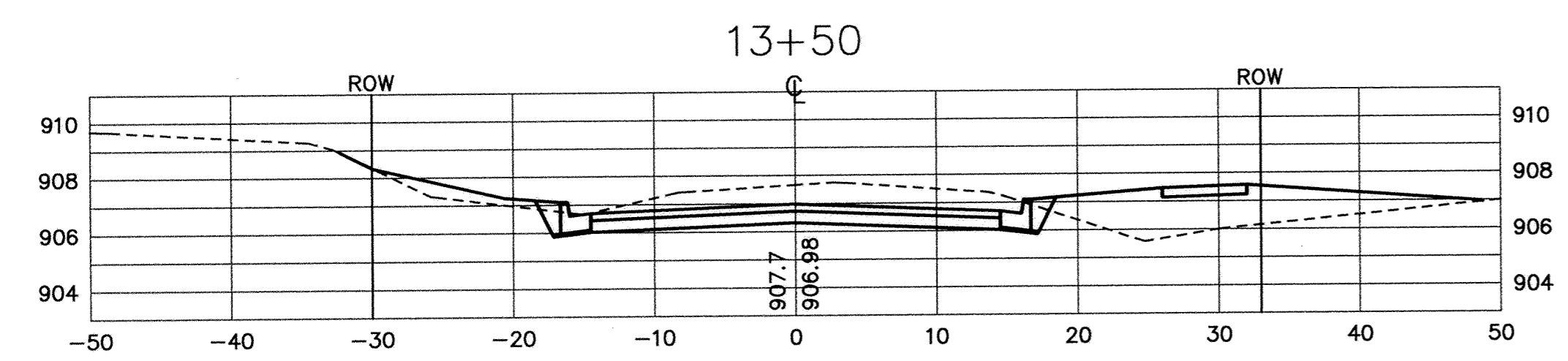
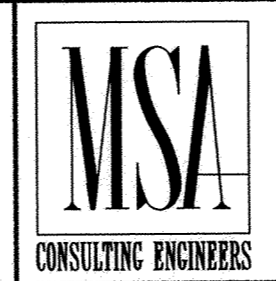


STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
0+00	0.00	0.00	33.62	31.80	33.62	31.80
0+50	36.31	34.34	67.70	88.61	101.32	120.40
1+00	36.81	61.35	81.48	108.73	182.80	229.13
1+50	51.19	56.08	95.20	99.04	278.01	328.18
2+00	51.63	50.89	51.89	23.57	329.90	351.75
2+25	60.46	0.02	53.01	8.82	382.91	360.57
2+50	54.04	19.04	123.20	35.23	506.11	395.80
3+00	79.02	19.02	103.88	21.72	609.99	417.53
3+37	72.59	12.69	31.77	7.11	641.76	424.64
3+50	59.40	16.86	98.12	47.42	739.88	472.06
4+00	46.57	34.35	32.37	21.13	772.26	493.19
4+18	50.55	29.03	57.85	34.51	830.11	527.70
4+50	47.08	29.21	81.72	48.53	911.83	576.23
4+91	60.56	34.71	18.64	9.74	930.47	585.96
5+00	51.29	23.73	85.39	50.55	1015.85	636.52
5+50	40.92	30.87	89.80	37.84	1105.66	674.36
6+00	56.06	10.00	10.81	2.03	1116.47	676.39
6+05	60.69	11.91	102.54	31.09	1219.01	707.48
6+50	62.36	25.41	67.91	34.69	1286.91	742.17
6+80	59.87	37.04	43.13	28.75	1330.04	770.93
7+00	56.57	40.59	85.95	102.82	1415.99	873.74
7+50	36.25	70.45	77.62	117.28	1493.60	991.02
8+00	47.57	56.21	121.23	73.63	1614.84	1064.65
8+50	83.36	23.31	186.34	21.61	1801.17	1086.25
9+00	117.89	0.02	256.20	0.02	2057.37	1086.28
9+50	158.81	0.00	294.88	0.01	2352.25	1086.28
10+00	159.66	0.01	261.61	0.03	2613.86	1086.31
10+50	122.88	0.02	194.40	0.23	2808.26	1086.54
11+00	87.07	0.22	66.96	0.41	2875.22	1086.94
11+20	93.72	0.87	91.76	6.30	2966.98	1093.25
11+50	71.45	10.47	126.59	35.40	3093.57	1128.64
12+00	65.27	27.76	113.54	53.60	3207.11	1182.24
12+50	57.35	30.13	106.39	60.15	3313.50	1242.39
13+00	57.54	34.83	93.31	63.70	3406.81	1306.09
13+50	43.23	33.96	66.69	77.14	3473.50	1383.23
14+00	28.80	49.35	25.17	40.91	3498.67	1424.14
14+25	25.58	39.02	11.84	18.07	3510.51	1442.21
14+50	0.00	0.00	0.00	0.00	3510.51	1442.21
15+00	0.00	0.00	0.00	0.00	3510.51	1442.21
15+50	0.00	0.00	0.00	0.00	3510.51	1442.21
16+00	0.00	0.00	0.00	0.00	3510.51	1442.21
16+20.02	0.00	0.00	0.00	0.00	3510.51	1442.21



RECORD DRAWING  
OCTOBER 1997

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
*Joseph J. Maman*  
DATE 12/9/96 REG. NO. 15316



1326 ENERGY PARK DRIVE  
ST. PAUL, MINNESOTA 55108  
(612) 644-4389

DATE	DESCRIPTION	DESIGNED	CHKD

GRAPHIC SCALE  
0 10  
0 VERT. 5

CITY OF ELK RIVER STREET AND UTILITY IMPROVEMENTS JOPLIN STREET CROSS SECTIONS			
11+00 TO 14+25			
DATE NOV. 1996	SHEET 24 OF 31 SHEETS	PROJECT NO. 230-340	