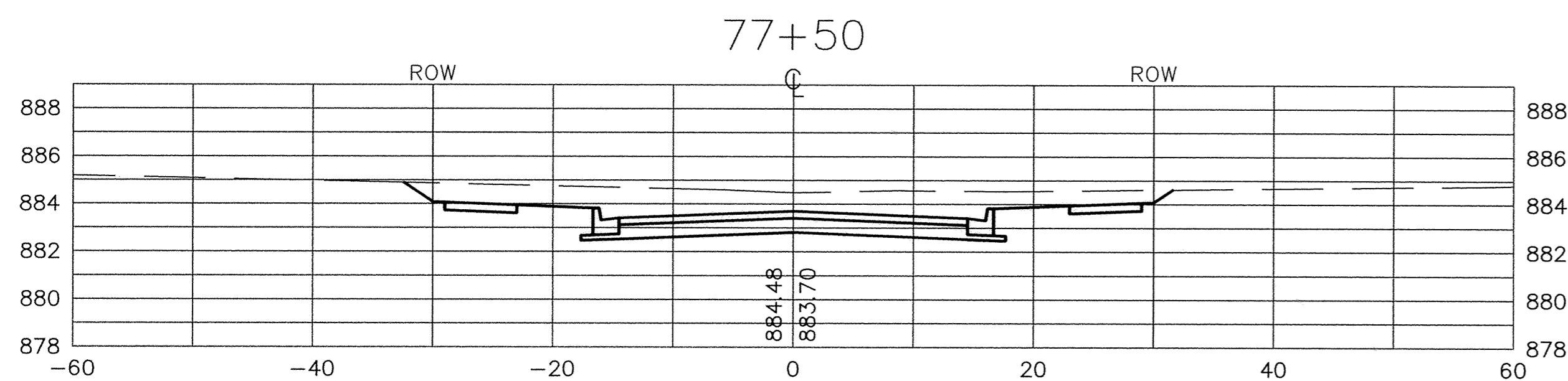
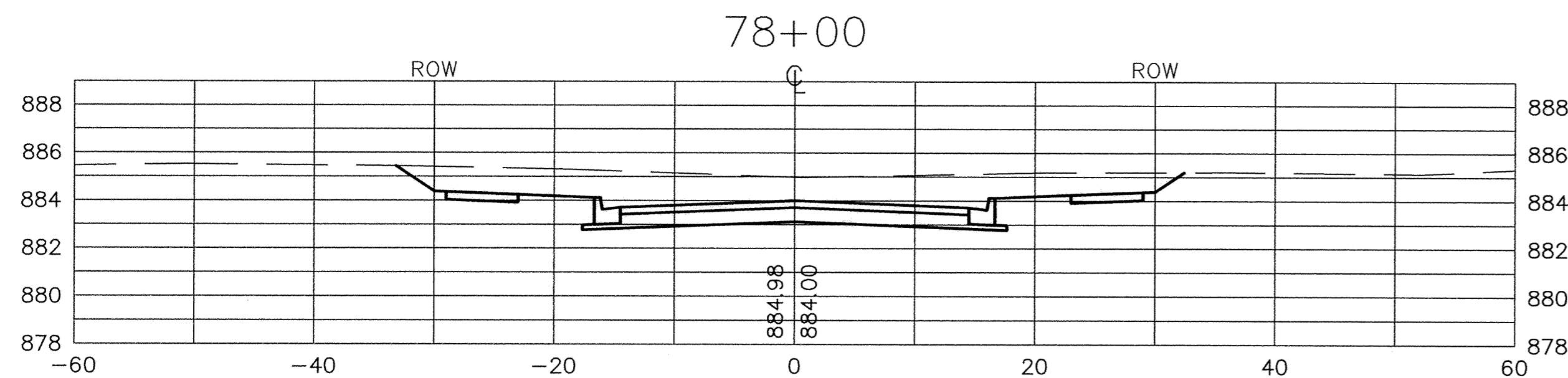
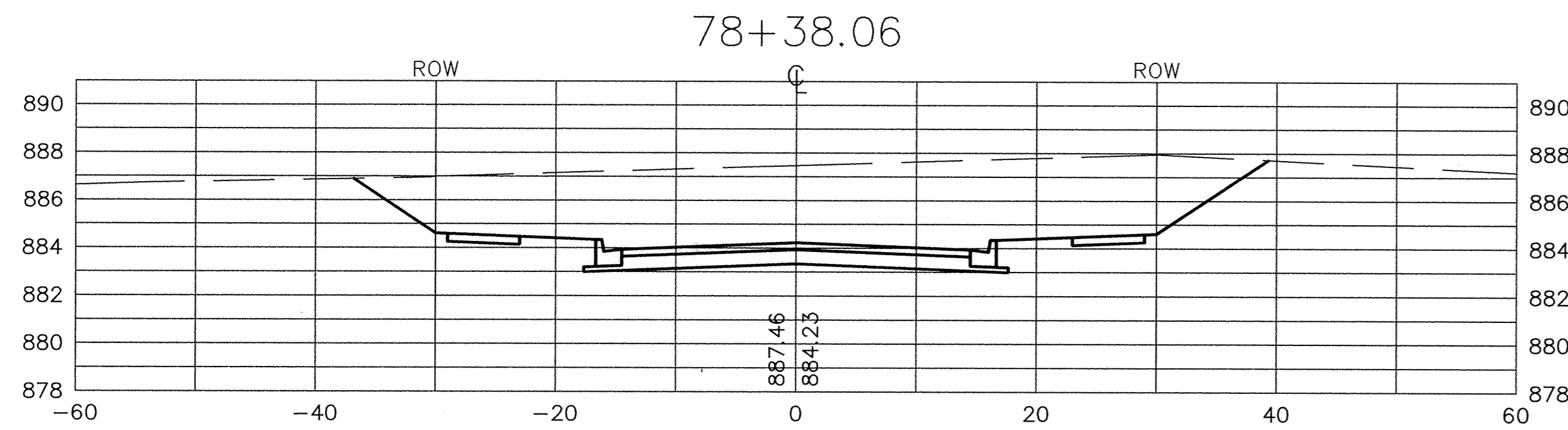


NO STREET CONSTRUCTION
BETWEEN 65+94 AND 81+50

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
78+38.06	254.15	0.00	98.07	0.00	98.07	0.00
78+50	195.41	0.00	232.65	0.00	330.72	0.00
79+00	55.85	0.00	76.32	0.13	407.05	0.13
79+50	26.58	0.14	40.84	30.43	447.89	30.56
80+00	17.53	32.73	21.46	89.50	469.35	120.06
80+50	5.64	63.93	6.77	134.78	476.11	254.84
81+00	1.67	81.63	106.34	75.58	582.45	330.42
81+50	113.18	0.00	58.91	0.00	641.36	330.42

NOTE:
NO STREET IMPROVEMENTS ARE INCLUDED IN THIS
PROJECT BETWEEN STA. 65+94 AND 81+50



NO STREET CONSTRUCTION
BETWEEN 65+94 AND 81+50

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
47+98.41	64.26	8.10	3.75	0.50	3.75	0.50
48+00	63.19	8.87	160.13	17.19	163.88	17.69
48+50	109.75	9.70	205.47	14.43	369.35	32.12
49+00	112.15	5.89	238.88	5.45	608.23	37.58
49+50	145.84	0.00	277.80	0.00	886.03	37.58
50+00	154.19	0.00	300.16	0.00	1186.18	37.58
50+50	169.98	0.00	328.96	0.27	1515.14	37.85
51+00	185.29	0.29	303.23	1.43	1818.37	39.28
51+50	142.19	1.26	196.53	34.32	2014.89	73.60
52+00	53.30	40.83	56.78	186.75	2071.67	260.35
52+50	1.14	175.83	1.13	403.07	2072.81	663.42
53+00	0.00	281.59	0.00	584.88	2072.81	1248.30
53+50	0.00	326.67	0.00	579.70	2072.81	1828.00
54+00	0.00	277.97	0.00	367.01	2072.81	2195.01
54+50	0.00	111.67	27.33	130.87	2100.13	2325.89
55+00	29.03	30.82	90.48	36.94	2190.61	2362.83
55+50	68.68	9.08	164.81	8.72	2355.42	2371.55
56+00	109.32	0.34	235.38	0.32	2590.80	2371.87
56+50	144.90	0.00	291.60	0.00	2882.40	2371.87
57+00	170.03	0.00	322.12	0.00	3204.52	2371.87
57+50	177.86	0.00	259.73	1.00	3464.25	2372.87
58+00	102.65	1.08	129.10	26.93	3593.35	2399.79
58+50	36.78	28.00	53.50	67.40	3646.85	2467.19
59+00	21.00	44.79	51.81	69.13	3698.66	2536.32
59+50	34.95	29.87	95.60	34.28	3794.26	2570.60
60+00	68.30	7.15	138.32	10.89	3932.58	2581.49
60+50	81.09	4.61	156.63	12.37	4089.20	2593.86
61+00	88.07	8.75	186.60	9.78	4275.81	2603.64
61+50	113.46	1.81	192.85	9.63	4468.66	2613.26
62+00	94.82	8.58	159.63	28.57	4628.29	2641.84
62+50	77.58	22.28	113.10	51.98	4741.39	2693.81
63+00	44.57	33.86	84.91	57.08	4826.30	2750.90
63+50	47.13	27.79	93.68	45.05	4919.98	2795.95
64+00	54.05	20.86	127.57	23.80	5047.56	2819.75
64+50	83.73	4.84	185.55	4.49	5233.11	2824.23
65+00	116.66	0.00	219.19	0.00	5452.30	2824.23
65+50	120.06	0.00	202.27	0.00	5654.57	2824.23
66+00	98.39	0.00	178.53	0.00	5833.11	2824.23
66+50	94.42	0.00	177.91	0.00	6011.01	2824.23
67+00	97.72	0.00	153.03	0.21	6164.04	2824.44
67+50	68.92	0.21	137.38	0.21	6301.42	2824.65
68+00	81.20	0.00	156.55	0.00	6457.97	2824.65
68+50	89.11	0.00	162.25	0.00	6620.23	2824.65
69+00	86.57	0.00	153.65	0.71	6773.88	2825.36
69+50	77.18	0.81	104.93	6.25	6878.81	2831.61
70+00	39.35	5.38	83.17	6.25	6961.98	2837.86
70+50	52.79	0.81	113.67	0.79	7075.65	2838.65
71+00	71.28	0.00	122.20	0.10	7197.85	2838.75
71+50	61.26	0.11	106.50	0.36	7304.35	2839.11
72+00	53.76	0.28	96.39	0.56	7400.75	2839.67
72+50	50.35	0.32	98.24	0.48	7498.99	2840.15
73+00	55.76	0.20	98.10	0.61	7597.09	2840.76
73+50	50.19	0.46	95.16	1.12	7692.24	2841.88
74+00	52.58	0.75	110.46	0.76	7802.70	2842.65
74+50	66.71	0.07	135.47	0.07	7938.16	2842.72
75+00	79.59	0.00	157.76	0.00	8095.92	2842.72
75+50	90.79	0.00	166.22	0.00	8262.14	2842.72
76+00	88.72	0.00	173.76	0.00	8435.89	2842.72
76+50	98.93	0.00	171.56	0.00	8607.45	2842.72
77+00	86.35	0.00	162.80	0.00	8770.25	2842.72
77+50	89.48	0.00	180.46	0.00	8950.71	2842.72
78+00	105.42	0.00	250.87	0.00	9201.58	2842.72
78+38.06	250.54	0.00	0.00	0.00	9201.58	2842.72

NOTE:
ADDITIONAL FILL QUANTITY
NEEDED FOR BOULEVARD
CONSTRUCTION = 900C.Y.

RECORD PLAN
JANUARY 1996

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.
Mark V. Gustafson
DATE 9/21/94 REG. NO. 19130



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

9800 SHELARD PARKWAY
MINNEAPOLIS, MINNESOTA 55441
(612) 546-0432

DATE	DESCRIPTION	DESIGNED	M/JG
9-15-94	NOTES ON X-SECTIONS	CHECKED	LCS
		DRAWN	LCS
		GRAPHIC SCALE	0 10
		0 5	VERT.

CITY OF ELK RIVER
ORONO PARKWAY/183RD STREET
CROSS SECTIONS
77+50 TO 78+38.13
DATE AUG. 1994 SHEET 37R OF 63 SHEETS PROJECT NO. 230-223