22.7 cents per yard straight

31

REPAIRS COUNTY DITCH NO. 41

Exhibit No. 2

Station	Ground Elevation	Grade	Cut	Bottom Width	Top Width	Cu. Yds. Deducted	Cu. Yards Excav.	Cost per Yd.	Culverts	Clearing	Total Cost
		0.079%		2.0				20			
0	96.80	95.00	1.8	1:1	5.6						
1	96.80	94.92	1.9		5.8	21	5				1.00
2	96.80	94.84	2.0		6.0	22	6				1.20
3	96.40	94.76	1.7		5.4	21	5				1.00
4	96.20	94.68	1.6		5.2	18	5				1.00
5	96.20	94.60	1.6		5.2	17	5				1.00
6	96.80	94.52	2.3		6.6	22	7				1.40
7	96.30	94.44	2.0		6.0	24	9				1.80
8	96.20	94.36	1.9		5.8	23	5				1.00
9	96.60	94.28	2.4		6.8	27	5				1.00
10	96.20	94.20	2.0		6.0	27	7				1.40
11	95.60	94.12	1.5		5.0	19	5				1.00
12	95.40	94.04	1.4		4.8	13	5				1.00
13	95.60	93.96	1.7		5.4	15	5				1.00
14	96.20	93.88	2.4		6.8	21	10				2.00
15	95.60	93.80	1.8		5.6	17	15				3.00
16	95.00	93.72	1.3		4.6	15	5				1.00
17	94.40	93.65	0.8		3.6	2	10				2.00
18	96.00	93.57	2.5		7.0	16	9				1.80
19	96.30	93.50	2.8		7.6	23	22				4.40
20	95.90	93.42	2.5		7.0	24	21				4.20
+59	96.50	93.37	3.2		8.4		30				6.00
+72	97.20	93.26	4.0		10.0		10		use same culvert		2.00
+83	96.60	93.30	3.3		8.6		9				1.80
21	95.90	93.34	2.6		7.2	2	7			1.00	2.40
22	96.00	93.26	2.8		7.6	41	6			1.00	2.20
23	96.70	93.18	3.5		9.0	51	9			1.00	2.80
24	96.10	93.10	3.0		8.0	54	9			1.00	2.80
25	95.60	93.02	2.6		7.2	43	7			1.00	2.40
26	95.70	92.94	2.8		7.6	38	9			1.00	2.80
27	95.20	92.88	2.4		6.8	31	13			1.00	3.60
28	94.80	92.80	2.0		6.0	30	5			1.00	2.00
29	94.70	92.72	2.0		6.0	25	5			1.00	2.00
30	95.00	92.64	2.4		6.8	29	5			1.00	2.00
31	95.00	92.56	2.5		7.0	37	22			1.00	5.40
32	94.50	92.48	3.1		6.2	31	5			1.00	2.00
33	94.70	92.40	2.3		6.6	17	17				3.40
34	94.90	92.32	2.6		7.2	23	17				3.40
35	94.70	92.24	2.5		7.0	33	10				2.00
36	94.70	92.16	2.6		7.2	[illegible]	7				1.40
37	94.60	92.09	2.6		7.2	33	11				2.20
38	94.60	92.01	2.6		7.2	39	5				1.00
39	94.50	91.93	2.6		7.2	36	8			1.00	2.60
40	94.50	91.85	2.6		7.2	35	9			1.00	2.80
41	94.60	91.77	2.9	2.0 3.0	7.8	43	5			1.00	2.00
42	94.10	91.69	2.3		8.0	46	5			1.00	2.00
43	94.20	91.61	2.6		8.2	47	5			1.00	2.00
44	94.40	91.53	2.9		8.8	53	5			1.00	2.00
45	94.20	91.45	2.8		8.6	56	5			1.00	2.00
46	94.20	91.37	2.9		8.8	56	5			1.00	2.00
47	94.50	91.30	3.2		9.4	58	10			1.00	3.00
48	94.70	91.22	3.5		10.0	60	19			1.00	4.80
49	94.00	91.14	2.9		8.8	47	27			1.00	6.40
50	94.10	91.06 0.06%	3.1		9.2	52	15			1.00	4.00
51	94.00	91.00	3.0		9.0	61	7			1.00	2.40
52	94.00	90.94	3.1		9.2	61	7			1.00	2.40
53	94.20	90.88	3.4		9.4	70	5			1.00	2.00
54	94.10	90.83	3.3		9.6	59	20			1.00	5.00
55	94.00	90.78	3.3		9.6	71	5			1.00	2.00
56	94.20	90.72	3.5		10.0	67	13			1.00	3.60
57	94.20	90.66	3.6		10.2	68	17			1.00	4.40
58	94.10	90.60	3.5		10.0	62	23			1.00	5.60
59	94.00	90.55	3.5		10.0	60	15			1.00	4.00
60	94.60	90.50	4.1		11.2	71	24			1.00	5.80
61	95.50	90.44	5.1		13.2	82	48			1.00	10.60
62	94.20	90.39	3.9		10.8	78	40			1.00	10.60
63	94.20	90.33	3.9		10.8	59	40			1.00	9.00
64	94.20	90.28	4.0		11.0	67	34			1.00	7.80
65	94.10	90.22	3.9		10.8	67	34			1.00	7.80
66	94.00	90.16	3.9		10.8	69	30			1.00	7.00
67	93.70	90.11	3.6		10.2	69	24			1.00	5.80
68	93.80	90.05	3.8		10.6	69	23			1.00	5.60
69	94.00	90.00	4.0		11.0	71	28			1.00	6.60
70	93.80	89.94	3.9		10.8	73	28			1.00	6.60
71	93.40	89.88	3.6		10.2	72	21			1.00	5.20
72	93.30	89.82	3.5		10.0	74	11			1.00	3.20
73	93.50	89.76	3.8		10.6	68	22			1.00	5.40
74	93.10	89.70	3.4		9.8	61	27			1.00	6.40
75	93.30	89.64	3.7		10.4	51	35			1.00	8.00
76	93.30	89.58	3.8		10.6	65	28			1.00	6.60
77	93.30	89.50	3.8	5.0'	10.6	61	34			1.00	7.80
78	94.39	89.44	5.0		15.0	75	78				15.60
79	95.29	89.42	5.9		16.8	90	122				24.40
80	95.59	89.40	6.2		17.4	135	113				22.60
81	95.99	89.38	5.6		16.2	157	82				16.40

Station	Ground Elevation	Grade	Cut	Bottom Width	Top Width	Cu. Yds. Deducted	Cu. Yards Excav.	Cost per Yd.		Total Cost
				5.0'			1548	20	51.00	360.60
82	97.59	89.36	8.2		21.4	174	116			23.20
83	95.89	89.34	6.6		18.2	184	153			30.60
84	94.19	89.32	4.9		14.8	139	102			20.40
85	95.22	89.30	5.9		16.8	108	101			20.20
86	94.72	89.28	5.4		15.8	121	102			20.40
87	95.72	89.26	6.4		17.8	137	102			20.40
88	97.12	89.24	7.9		20.8	180	144			28.80
89	97.34	89.22	8.1		21.2	207	178			35.60
90	97.43	89.20	8.2		21.4	215	182			36.40
91	96.64	89.18	7.4		19.8	209	161			32.20
92	95.04	89.16	5.8		16.6	168	118			23.60
93	93.54	89.14	4.4		13.8	143	51			10.20
94	94.94	89.12	5.8		16.6	97	97			19.40
95	95.28	89.10	6.2		17.4	125	119			23.80
96	93.48	89.08	4.4		13.8	105	100			20.00
97	93.68	89.06	4.6		14.2	88	71			14.20
98	93.58	89.04	4.6		14.2	90	74			14.80
99	93.58	89.02	4.6		14.2	93	71			14.20
100	93.58	89.00	4.6		14.2	101	63			12.60
101	93.48	88.98	4.5		14.0	100	61			12.20
102	93.58	88.96	4.6		14.2	101	60			12.00
103	93.78	88.94	4.9		14.8	113	59			11.80
104	93.78	88.92	4.9		14.8	115	65			13.00
105	93.56	88.90	4.7		14.4	105	69			13.80
106	93.56	88.88	4.7		14.4	102	57			11.40
107	93.56	88.86	4.7		14.4	102	57			11.40
108	93.66	88.84	4.9		14.8	110	64			12.80
109	93.16	88.82	4.4		13.8	111	55			11.00
110	93.36	88.80	4.6		14.2	105	54			10.80
111	93.26	88.78	4.5		14.0	98	63			12.60
112	93.46	88.76	4.7		14.4	100	64			12.80
113	93.76	88.74	5.1		15.2	108	72			14.40
114	93.46	88.72	4.8		14.6	111	72			14.40
115	93.76	88.70	5.1		15.2	111	72			14.40
116	93.68	88.68	5.0		15.0	111	77			15.40
117	93.38	88.66	4.7		14.4	113	64			12.80
118	93.18	88.64	4.6		14.2	103	63			12.60
119	93.38	88.62	4.8		14.6	107	62			12.40
120	93.08	88.60	4.5		14.0	108	58			11.60
121	[illegible]	[illegible]	4.4		[illegible]	[illegible]	49			[illegible]
122	93.48	88.56	4.9		14.8	118	48			9.60
123	92.98	88.54	4.5		14.0	113	56			11.20
124	92.98	88.52	4.5		14.0	101	58			11.60
125	93.08	88.50	4.6		14.2	110	51			10.20
126	93.34	88.48	4.8		14.6	138	31			6.20
127	93.04	88.46	4.5		14.0	144	22			4.40
128	92.84	88.44	4.4		13.8	126	30			6.00
129	92.54	88.42	4.1		13.2	115	23			4.60
130	92.84	88.40	4.4		13.8	124	14			2.80
131	92.54	88.38	4.1		13.2	126	12			2.40
132	92.74	88.36	4.3		13.6	118	10			2.00
133	92.74	88.34	4.4		13.8	126	17			3.40
134	93.00	88.32	4.7		14.4	107	54			10.80
135	92.90	88.30	4.6		14.2	96	70			14.00
136	93.50	88.28	5.2		15.4	104	76			15.20
137	94.60	88.26	6.3	6.0'	18.6	117	125			25.00
138	96.00	88.24	7.8		21.6	163	180			36.00
139	93.90	88.22	5.7		17.4	156	167			33.40
140	94.50	88.20	6.3		18.6	126	141			28.20
141	93.40	88.18	5.2		16.4	118	134			26.80
142	94.90	88.16	6.7		19.4	126	140			28.00
143	93.50	88.14	5.4		16.8	126	146			29.20
144	94.50	88.12	6.4		18.8	126	135			27.00
145	93.30	88.10	5.2		16.4	133	122			24.40
146	92.90	88.08	4.8		15.6	104	100			20.00
147	93.10	88.06	5.0		16.0	92	106			21.20
148	92.70	88.04	4.7		15.4	91	104			20.80
149	92.60	88.02	4.6		15.2	91	92			18.40
150	92.20	88.00	4.2		14.4	89	81			16.20
151	92.60	87.96	4.6		15.2	87	83			16.60
152	92.30	87.92	4.4		14.8	89	86			17.20
153	92.60	87.88	4.7		15.4	81	97			19.40
154	92.70	87.84	4.9		15.8	92	100			20.00
155	92.60	87.80	4.8		15.6	102	93			18.60
156	92.70	87.76	4.9		15.8	91	104			20.80
157	92.30	87.72	4.6		15.2	83	106			21.20
158	92.30	87.68	4.6		15.2	83	98			19.60
159	92.30	87.64	4.7		15.4	87	96			19.20
160	92.30	87.60	4.7		15.4	89	97			19.40
161	92.50	87.56	4.9		15.8	92	100			20.00
162	92.30	87.52	4.8		15.6	96	99			19.80
163	92.70	87.48	5.2		16.4	92	112			22.40
164	92.10	87.44	4.7		15.4	87	114			22.80
165	92.10	87.40	4.7		15.4	83	103			20.60
166	92.30	87.36	4.9		15.8	85	107			21.40

Station	Ground Elevation	Grade	Cut	Bottom Width	Top Width	Cu. Yds. Deducted	Cu. Yards Excav.	Cost per Yd.		Total Cost
				6.0			8910	20	51.00	1833.00
167	92.70	87.32	5.4		16.8	109	104			20.80
168	92.10	87.28	4.8		15.6	111	99			19.80
169	92.40	87.24	5.2		16.4	91	113			22.60
170	92.20	87.20	5.0		16.0	91	119			23.80
171	93.00	87.16	5.8		17.6	96	133			26.60
172	92.20	87.12	5.1		16.2	92	140			28.00
173	92.20	87.08	5.1		16.2	87	123			24.60
174	92.60	87.04	5.6		17.2	91	134			26.80
175	92.20	87.00	5.2		16.4	87	141			28.20
176	92.50	86.96	5.5		17.0	96	129			25.80
177	92.00	86.92	5.1		16.2	100	122			24.40
178	92.50	86.88	5.6		17.2	98	127			25.40
179	91.90	86.84	5.1		16.2	100	125			25.00
180	92.80	86.80	5.0		16.0	96	111			22.20
181	91.90	86.76	5.1		16.2	92	115			23.00
182	92.40	86.72	5.4		16.8	87	132			26.40
183	92.20	86.68	5.5		17.0	91	140			28.00
184	93.40	86.64	6.8	8.0'	19.6	115	164			32.80
185	94.60	86.60	8.0		24.0	213	185			37.00
186	93.10	86.56	6.5		21.0	187	225			45.00
187	94.20	86.52	7.7		23.4	181	217			43.40
188	93.20	86.48	6.8		21.6	183	227			45.40
189	93.20	86.44	6.8		21.6	160	213			42.60
190	93.10	86.40	6.7		21.4	168	201			40.20
191	93.20	86.36	6.8		21.6	183	186			37.20
192	93.70	86.32	7.4		22.8	194	202			40.40
193	94.70	86.28	8.4		24.8	214	252			50.40
194	93.60	86.24	7.4		22.8	212	254			50.80
195	93.20	86.20	7.0		22.0	196	210			42.00
196	92.60	86.16	6.4		20.8	191	174			34.80
197	92.60	86.12	6.5		21.0	184	161			32.20
198	93.20	86.08	7.1		22.2	183	190			38.00
199	93.40	86.04	7.4		22.8	189	221			44.20
200	92.90	86.00	6.9		21.8	183	219			43.80
201	92.70	85.94	6.8		21.6	181	196			39.20
202	92.50	85.88	6.6		21.2	177	188			37.60
203	92.90	85.82	7.1		22.2	166	211			42.20
204	92.40	85.76	6.6		21.2	166	211			42.20
205	92.00	85.70	6.3		20.6	167	178			35.60
206	93.42	[illegible]	7.0		[illegible]	[illegible]	[illegible]			[illegible]
207	96.40	85.58	10.8		29.6	303	301			60.20
208	96.10	85.52	10.6		29.2	403	338			67.60
209	94.55	85.46	9.1		26.2	439	214			42.80
+18	96.05	85.40	11.1		30.2	89	34			6.80
	96.45	85.40								
210	94.85	85.40	9.5		27.0	373	201			40.20
211	94.00	85.34	8.7		25.4	286	291			58.20
212	94.80	85.28	9.5		27.0	303	274			54.80
213	94.15	85.22	9.0		26.0	323	268			53.60
214	94.70	85.16	9.5		27.0	299	292			58.40
215	92.40	85.10	7.3		23.6	249	266			53.20
216	92.10	85.04	7.1		22.2	189	217			43.40
217	92.40	84.98	7.4		22.8	198	217			43.40
218	92.10	84.92	7.2		22.4	198	216			43.20
219	91.70	84.86	6.8		21.6	185	204			40.80
220	92.30	84.80	7.5		23.0	198	204			40.80
221	93.90	84.74	9.2		26.4	264	245			49.00
222	92.10	84.68	7.4		22.8	270	234			46.80
223	91.40	84.62	6.8		21.6	201	196			39.20
224	94.00	84.56	9.4		26.8	256	233			46.60
225	92.20	84.50	7.7		23.4	267	260			52.00
226	92.18	84.44	7.8		23.6	220	232			46.40
227	91.48	84.38	7.1		22.2	214	213			42.60
228	91.48	84.32	7.2		22.4	187	214			42.80
229	91.58	84.26	7.3		22.6	211	199			39.80
230	91.38	84.20	7.2		22.4	205	205			41.00
231	91.18	84.14	7.1		22.2	173	228			45.60
232	91.18	84.08	7.1		22.2	167	230			46.00
233	90.68	84.02	6.7		21.4	158	223			44.60
234	90.88	83.96	6.9		21.8	154	219			43.80
235	90.88	83.90	7.0		22.0	187	198			39.60
236	90.88	83.84	7.1		22.2	213	180			36.00
237	90.88	83.78	7.1		22.2	192	205			41.00
238	90.88	83.72	7.2		22.4	170	231			46.20
239	90.88	83.66	7.2		22.4	182	223			44.60
240	90.28	83.60	6.7		21.4	187	198			39.60
241	90.23	83.54	6.7		21.4	171	194			38.80
242	90.73	83.48	7.2		22.4	211	174			34.80
243	91.53	83.42	8.1		24.2	270	174			34.80
244	90.73	83.36	7.3		22.6	259	189			37.80
245	90.63	83.30	7.3		22.6	242	172			34.40
246	90.23	83.24	7.0		22.0	231	170			34.00
247	89.73	83.18	6.5		21.0	207	152			30.40
248	91.43	83.12	8.3		24.6	267	158			31.60
249	90.93	83.06	7.8		23.6	307	172			34.40

Station	Ground Elevation	Grade	Cut	Bottom Width	Top Width	Cu. Yds. Deducted	Cu. Yards Excav.	Cost per Yard		Total Cost
				8.0			29153	20	51.00	5081.60
250	91.23	83.00	8.2		24.4	285	189			37.80
251	91.00	82.90	8.1		24.2	337	150			30.00
252	90.00	82.80	7.2		22.4	324	120			24.00
253	90.06	82.70	7.4		22.8	266	148			29.60
254	90.10	82.60	7.5		23.0	310	116			23.20
255	90.00	82.50	7.5		23.0	337	94			18.80
256	87.70	82.40	5.3		18.6	214	132			21.40
257	90.10	82.30	7.8		23.6	225	134			26.80
258	93.60	82.20	11.4		30.8	507	131			26.20
259	95.53	82.10	12.4		34.8	846	95			19.00
260	92.43	82.00	10.4		28.8	812	73			14.60
261	90.30	81.90	8.4		24.8	486	124			24.80
262	88.73	81.80	6.9		21.8	316	130			26.00
263	88.40	81.70	6.7		21.4	237	136			27.20
264	88.10	81.60	6.5		21.0	220	137			27.40
265	87.40	81.50	5.9		19.8	209	117			23.40
266	87.50	81.40	6.1		20.2	192	119			23.80
267	87.30	81.30	6.0		20.0	202	113			22.60
268	87.20	81.20	6.0		20.0	189	122			24.40
269	87.10	81.10	6.0		20.0	173	138			27.60
270	87.20	81.00	6.2		20.4	194	125			25.00
271	87.00	80.90	6.1		20.2	191	131			26.20
272	88.80	80.80	8.0		24.0	228	168			33.60
273	88.40	80.70	7.7		23.4	308	153			30.60
274	86.70	80.60	6.1		20.2	278	105			21.00
275	86.70	80.50	6.2		20.4	248	74			14.80
276	87.80	80.40	7.4		22.8	301	73			14.60
277	86.50	80.30	6.2		20.4	320	54			10.80
278	86.10	80.20	5.9		19.8	250	65			13.00
279	86.10	80.10	6.0		20.0	194	113			22.60
280	86.10	80.00	6.1		20.2	202	113			22.60
281	85.80	79.90	5.9		19.8	216	95			19.00
282	85.80	79.80	5.7		19.4	205	91			18.20
283	84.50	79.70	4.8		17.6	164	95			19.00
284	83.90	79.60	4.3		16.6	130	82			16.40
285	84.40	79.50	4.9		17.8	132	83			16.60
286	83.90 83.70	79.40	4.4 4.3	9.0'	16.8 17.6	132 134	86 73			17.20 14.60
287	83.50	79.30	4.2		17.4	121	88			17.60
288	83.10	79.20	3.9		16.8	133	63			12.60
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			[illegible]
290	82.80	79.00	3.8		16.6	120	73			14.60
291	83.10	78.90	4.2		17.4	132	61			12.20
292	82.40	78.80	3.6		16.2	128	59			11.80
293	82.60	78.70	3.9		16.8	110	67			13.40
294	83.00	78.60	4.4		17.8	117	85			17.00
295	82.00	78.50	3.5		16.0	120	70			14.00
296	81.90	78.40	3.5		16.0	112	50			10.00
297	81.40	78.30	3.1		15.2	94	56			11.20
298	82.40	78.20	4.2		17.4	91	81			16.20
299	81.30	78.10	3.2		15.4	106	69			13.80
300	81.90	78.00	3.9		16.8	112	54			10.80
301	82.10	77.88	4.2		17.4	132	64			12.80
+50	83.95	77.82	6.2		21.4					
+75	86.65	77.79	8.9		26.8					
302	82.75	77.76	5.0		19.0	170	193			38.60
303	82.55	77.64	4.9		18.8	196	60			12.00
304	81.85	77.52	4.4		17.8	170	65			13.00
305	81.60	77.40	4.2		17.4	145	67			13.40
306	82.00	77.28	4.7		18.4	140	82			16.40
307	82.00	77.16	4.8		18.6	200	42			8.40
308	81.70	77.04	4.7		18.4	181	61			12.20
309	81.60	76.92	4.7		18.4	154	85			17.00
310	81.70	76.80	4.9		18.8	142	104			20.80
311	81.20	76.68	4.5		18.0	138	101			20.20
312	81.10	76.56	4.5		18.0	132	93			18.60
313	81.20	76.44	4.8		18.6	137	98			19.60
314	81.20	76.32	4.9		18.8	150	99			19.80
315	81.00	76.20	4.8		18.6	157	92			18.40
316	80.50	76.08	4.4	10.0	18.8	143	97			19.40
317	80.80	75.96	4.8		19.6	142	107			21.40
318	80.60	75.84	4.8		19.6	150	113			22.60
319	79.60	75.72	3.9		17.8	128	104			20.80
320	80.60	75.60	5.0		20.0	134	105			21.00
321	80.90	75.48	5.4		20.8	155	138			27.60
322	80.00	75.36	4.6		19.2	150	129			25.80
323	80.00	75.24	4.8		19.6	147	109			21.80
324	81.60	75.12	6.5		23.0	152	178			35.60
325	80.10	75.00	5.1		20.2	210	131			26.20
326	80.00	74.88	5.1		20.2	156	129			25.80
327	79.40	74.76	4.6		19.2	147	120			24.00
328	79.70	74.64	5.1		20.2	142	125			25.00
329	79.20	74.52	4.7		19.4	136	135			27.00
330	79.30	74.40	4.9		19.8	124	139			27.80
331	79.20	74.28	4.9		19.8	126	144			28.80
332	80.00	74.16	5.8		21.6	159	146			29.20

Station	Ground Elevation	Grade	Top Width	Bottom Width	Top Width	Cu. Yds. Deducted	Cu. Yards Excav.	Cost per Yd.		Total Cost
				10.0			33844	20	51.00	6812.80
333	78.40	74.04	4.4		18.8	148	139			27.80
334	77.80	73.92	3.9		17.8	97	121			24.20
335	77.90	73.80	4.1		18.2	93	114		Concrete Culvert	22.80
+28	80.70	73.77	6.9		23.8	27	63			12.60
+50	78.70	73.74	5.0		20.0		78			15.60
336	78.50	73.68	4.8		19.6	80	55			11.00
337	77.00	73.56	3.4		16.8	130	86			17.20
338	77.90	73.44	4.5		19.0	110	95			19.00
339	77.10	73.32	3.8		17.6	140	78			15.60
340	78.00	73.20	4.8		19.6	168	61			12.20
341	77.60	73.08	4.5		19.0	157	96			19.20
342	76.90	72.96	3.9		17.8	135	86			17.20
343	77.30	72.84	4.5		19.0	151	70			14.00
344	76.80	72.72	4.1		18.2	149	79			15.80
345	78.20	72.60	5.6		21.2	187	82			16.40
346	77.70	72.48	5.2		20.4	230	78			15.60
347	77.70	72.36	5.3		20.6	216	81			16.20
348	76.80	72.24	4.6		19.2	196	78			15.60
349	76.40	72.12	4.3		18.6	161	77			15.40
350	75.80	72.00	3.8		17.6	130	81			16.20
351	76.20	71.52	3.7		19.4	109	116			23.20
352	76.40	71.05	5.3		20.6	110	168			33.60
353	76.00	70.58	5.4		20.8	118	186			37.20
354	76.00	70.12	5.9		21.8	123	193			38.60
355	76.00	69.65	6.3		22.6	149	215			43.00
356	74.90	69.19	5.7		21.4	122	234			46.80
357	74.90	68.72	6.2		22.4	99	253			50.60
358	74.80	68.26	6.5		23.0	104	281	15		56.20
359	74.90	67.79	7.1		24.2		423			63.45
360	74.40	67.32	7.1		24.2		450			67.50
361	74.00	66.86	7.1		24.2		450			67.50
362	73.60	66.39	7.2		24.4		454			68.10
363	72.50	65.93	6.6		23.2		432			64.80
364	74.20	65.46	8.7		27.4		504			75.60
365	71.50	65.00	6.5		23.0		500			75.00
366	71.00	64.68	6.3		22.6		389			58.35
367	70.80	64.36	6.4		22.8		384			57.60
368	70.30	64.04	6.3		22.6		384			57.60
369	[illegible]	[illegible]	[illegible]		[illegible]		384			57.60
371	69.10	63.08	6.0		22.0		368			55.20
372	69.20	62.76	6.4		22.8		372			55.80
373	68.70	62.44	6.3		22.6		384			57.60
374	68.10	62.12	6.0		22.0		368			55.20
375	66.80	61.80	5.0		20.0		317			47.55
376	67.40	61.48	5.9		21.8		313			46.95
377	65.50	61.16	4.3		18.6		288			43.20
378	65.40	60.84	4.6		19.2		238			35.70
379	65.20	60.52	4.7		19.4		252			37.80
380	64.10	60.20	3.9		17.8		229			34.35
381	64.30	59.88	4.4		18.8		218			32.70
382	64.50	59.56	4.9		19.8		253			37.95
383	63.50	59.24	4.3		18.6		249			37.35
384	63.00	58.92	4.1		18.2		221			33.15
385	63.50	58.60	4.9		19.8		242			36.30
386	62.40	58.28	4.1		18.2		242			36.30
387	63.10	57.96	5.1		20.2		250			37.50
388	61.70	57.64	4.1		18.2		250			37.50
389	61.80	57.32	4.5		19.0		228			34.20
390	61.40	57.00	4.4		18.8		238			35.70
391	61.20	56.89	4.3		18.6		231			34.65
392	59.50	56.75	2.7		15.4		177			26.55
393	60.80	56.61	4.2		18.4		174			26.10
394	59.90	56.48	3.4		16.8		195			29.25
395	58.90	56.34	2.6		15.2		145			21.75
396	59.00	56.21	2.8		15.6		127			19.05
397	58.10	56.07	2.0		14.0		111			16.65
398	58.30	55.94	2.4		14.8		100			15.00
+81	55.80	55.80	0.0		14.0		89			13.35
TOTAL							49195		$51.00	9281.65

Station	Ground Elevation	Grade	Cut	Bottom Width	Top Width	Cu. Yds. Deducted	Cu. Yards Excav.	Cost per Yard	Total Cost
				1.0				20	
0				3	16.0				
+30				3	16.0				
+33				3	16.0		5		1.00
+70				3	16.0		53		10.60
+80				3	16.0		14		2.80
2				3	16.0	133	39		7.80
3				3	16.0	111	33		6.60
4				3	16.0	111	33		6.60
5				3	16.0	111	33		6.60
6				3	16.0	111	33		6.60
7				3	16.0	111	33		6.60
8				3	16.0		144		28.80
9				3	16.0		144		28.80
10				3	16.0		144		28.80
11				3	16.0		144		28.80
12				3	16.0	72	72		14.40
13				3	16.0	96	48		9.60
14				3	16.0		144		28.80
15				3	16.0		144		28.80
16				3	16.0		144		28.80
17				3	16.0	72	72		14.40
18				3	16.0	40	104		20.80
19				3	16.0	40	104		20.80
20				3	16.0		144		28.80
21				3	16.0	40	104		20.80
22				3	16.0	80	64		12.80
23				3	16.0	40	104		20.80
24				3	16.0		144		28.80
25				3	16.0	40	104		20.80
26				3	16.0	80	64		12.80
27				3	16.0	80	64		12.80
28				3	16.0		144		28.80
29				3	16.0	40	104		20.80
30				3	16.0	40	104		20.80
31				3	16.0	40	104		20.80
32				3	16.0	40	104		20.80
TOTAL							3036		$670.20

BRANCH No 1

Station	Ground Elevation	Grade	Cut	Bottom Width	Top Width	Cu. Yds. Deducted	Cu. Yards Excav.	Cost per Yard	Total Cost
0	94.80	91.83	3.0	2.0	8.0			20	
1	94.40	91.95	2.5		7.0	48	5		1.00
2	94.70	92.07	1.7		5.4	32	5		1.00
3	96.00	92.19	3.9		9.8	49	5		1.00
4	96.60	92.31	4.3		10.6	81	11		2.20
5	97.20	92.43	4.8		11.6	97	13		2.60
6	96.50	92.55	4.0		10.0	88	16		3.20
7	96.60	92.67	4.0		10.0	65	24		4.80
8	97.10	92.79	4.4		10.8	59	37		7.40
9	99.70	92.91	6.8		15.6	103	59		11.80
10	98.30	93.03	5.3		12.6	125	52		10.40
11	98.10	93.15	5.0		12.0	104	29		5.80
12	98.00	93.27	4.8		11.6	93	29		5.80
13	97.80	93.39	4.5		11.0	71	40		8.00
14	97.10	93.53	3.6		9.2	62	27		5.40
15	96.20	93.66	2.6		7.2	49	10		2.00
16	96.80	93.79	3.1		8.2	36	15		3.00
17	97.30	93.92	3.4		8.8	42	21		4.20
18	97.50	94.05	3.5		9.0	44	25		5.00
19	97.70	94.17	3.6		9.2	51	22		4.40
20	97.30	94.30	3.0		8.0	52	18		3.60
21	97.20	94.43	2.8		7.6	48	5		1.00
22	97.50	94.58	3.0		8.0	48	5		1.00
23	97.60	94.73	3.0		8.0	50	5		1.00
24	97.80	94.87	3.0		8.0	46	9		1.80
25	98.20	95.00	3.2		8.4	53	5		1.00
26	98.10	95.05	3.1		8.2	55	5		1.00
27	97.40	95.12	2.3		6.6	43	5		1.00
28	97.30	95.17	2.2		6.4	30	5		1.00
29	97.50	95.22	2.3		6.6	30	5		1.00
30	97.80	95.27	2.6		7.2	50	9		1.80
31	99.10	95.32	3.8		9.6	56	7		1.40
32	98.10	95.37	2.8		7.6	54	11		2.20
33	98.60	95.42	3.2		8.4	48	7		1.40
34	99.10	95.47	3.7		9.4	58	12		2.40
35	99.10	95.52	3.6		9.2	62	14		2.80
36	100.30	95.57	4.8		11.6	66	31		6.20
37	100.60	95.62	5.0		12.0	69	56		11.20
38	98.70	95.67	3.1		8.2	61	33		6.60
39	98.60	95.72	3.0		8.0	42	15		3.00
40	99.30	95.78	3.6		9.2	25	21		4.20
41	97.50	95.84	1.7		5.4	21	27		5.40
42	97.20	95.89	1.4		4.8	9	11		2.20
43	97.50	95.95	1.6		5.2	4	15		3.00
44	97.30	96.00	1.3		4.6		17		3.40
							798		$159.60

"Perfect" Crossection Paper. 10 × 10 = 1 Inch.
Eug. Dietzgen Co.