LINE REVISIONS

ANOKA CUTOFF

From
St. Paul
to
Anoka

RAMSEY CO. PROJ. 26-62
Rood % C No. 93
FILE No. 5

6-8-26
5

(1)

Anoka Connection

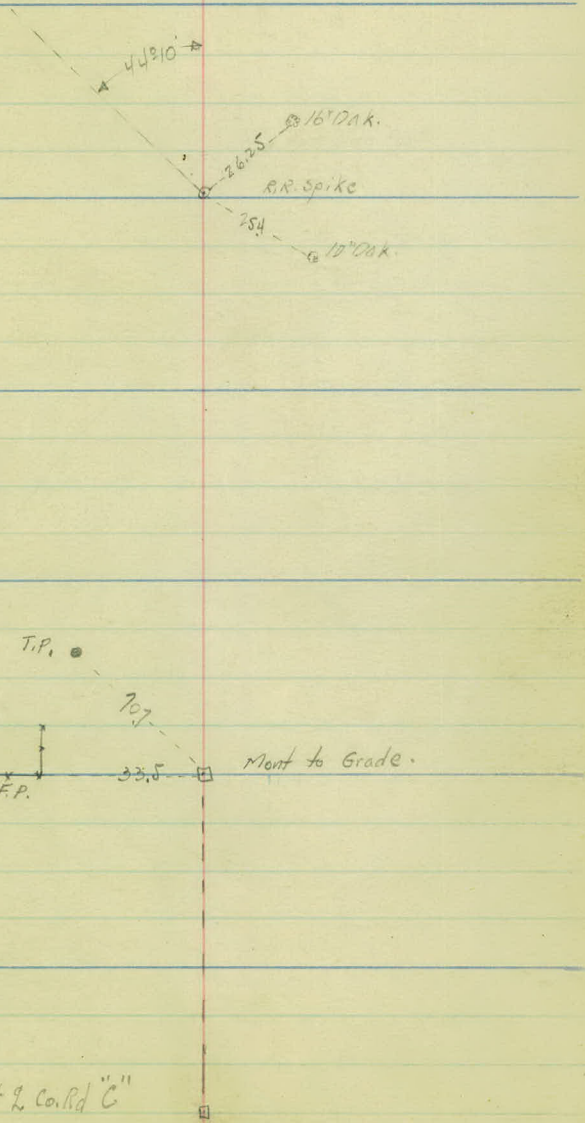
Line Change

station 171+64.8 to 194+75.7

Station	Point	Lt. Δ Rt.	Bear.
194+75.7	P.T.	22°-05'	
+50		20°-48'	
194		18°-18'	
+50		15°-48'	10° C. Lt.
193		13°-18'	Δ 44°-10'
+50		10°-48'	P.I. 192 + 66.78
192		8°-18'	T. 232.75'
+50		5°-48'	L. 441.67'
191		3°-18'	R. 573.69'
+50		0°-48'	
190+34.03	P.C.	0°-00'	
171+64.8	P.I. Mont	0°-38'	
	Mon.		

W.H.C.
A.L.P.
M.G.
H.B.
Mar. 23, 1926

To R-24



Topography

Line Change

Anoka Connection.

173

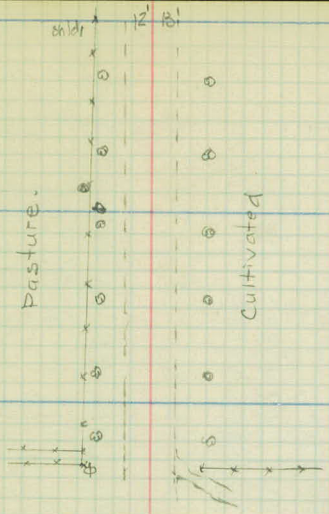
172

+73 - Field Ent Rt.

+64.8 Mont.

171

F-31'
+95 - P.P. 16'
+73 - 2" Tree 28'
+32 - 2" Tree 31'
+11 - 16" Oak 34'
+01 - P.P. 29'
F - 32'
+96 - 2" Tree 29'
+55 - 2" Tree 29'
+32 - P.P. 18'
+14 - 2" Tree 30'
+82 - 4" Tree 30'
+73 - F. Cor.
+66 - F. Cor. 34'
+65 - P.P.



+72 - 2" Tree 31'
+40 - T. P. 18'
+31 - 2" Tree 31'
+93 - 4" Tree 30'
+58 - 2" Tree 30
+18 - 2" Tree 30'
+93 - T.P. 17'
+82 - 4" Tree 30
+66 - F. Line - 28' E. & W.

W.H.C.
A.L.P.
M.E.
A.B.

Mar 23, 1926

180

179

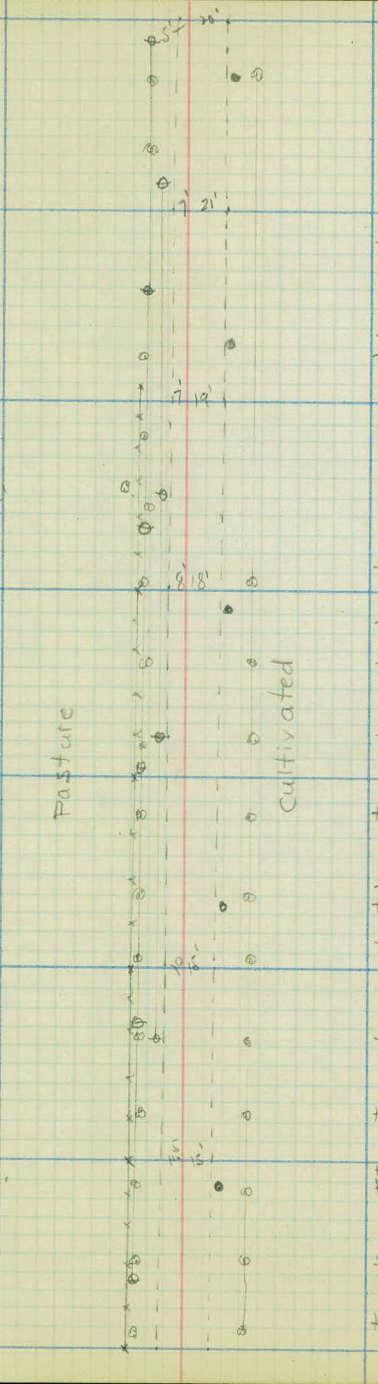
178

177

176

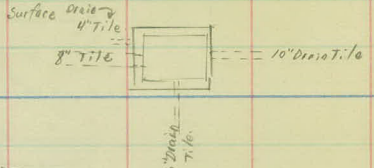
175

174



+92 - P.P. 20'
+70 - 2" Tree 20'
+34 - 2" Tree 20'
+16 - P.P. 12'
+58 - P.P. 21'
+23 - 3" Tree 22'
+09 - E.P. 25'
+84 - 2" Tree 22'
+58 - 24" Oak 35'
+52 - P.P. 13'
+46 - 2" Tree 22'
+34 - P.P. 22'
+01 - 4" Tree 23'
F-26
+63 - 4" Tree 24'
+23 - P.P. 14'
+19 - 2" Tree 24'
+03 - P.P. 24'
F-27
+81 - 2" Tree 24'
+40 - 3" Tree 25'
+08 - 1" Tree 25'
F-29'
+72 - P.P. 26'
+66 - 3" Tree 26'
+62 - P.P. 15'
+23 - 2" Tree 27'
F-30'
+88 - 2" Tree 28'
+49 - 4" Tree 27'
+35 - P.P. 27'
+07 - 4" Tree 28'
+74 - 3" Tree 37'
+73 - T.P. 23'
+85 - 3" Tree
+96 - 2" Tree
+59 - 2" Tree
+31 - T.P. 22'
+28 - 1" Tree 35'
+84 - 2" Tree 35'
+46 - 1" Tree 34'
+03 - 1" Tree 34'
+91 - T.P. 22'
+65 - 4" Tree 34'
+21 - 2" Tree 33'
+82 - 4" Tree 33'
+40 - 4" Tree 33'
+33 - T.P. 20'
+08 - 2" Tree
+64 - 3" Tree
+24 - 2" Tree 33'
+38 - T.P. 19'
+86 - 2" Tree 7'
+49 - 4" Tree
+09 - 2" Tree 32'

+37 - ℄ Road Rt.



187

+34 - ℄ Drive to Dairy Farm.

+01 - Field Ent Rt.

186

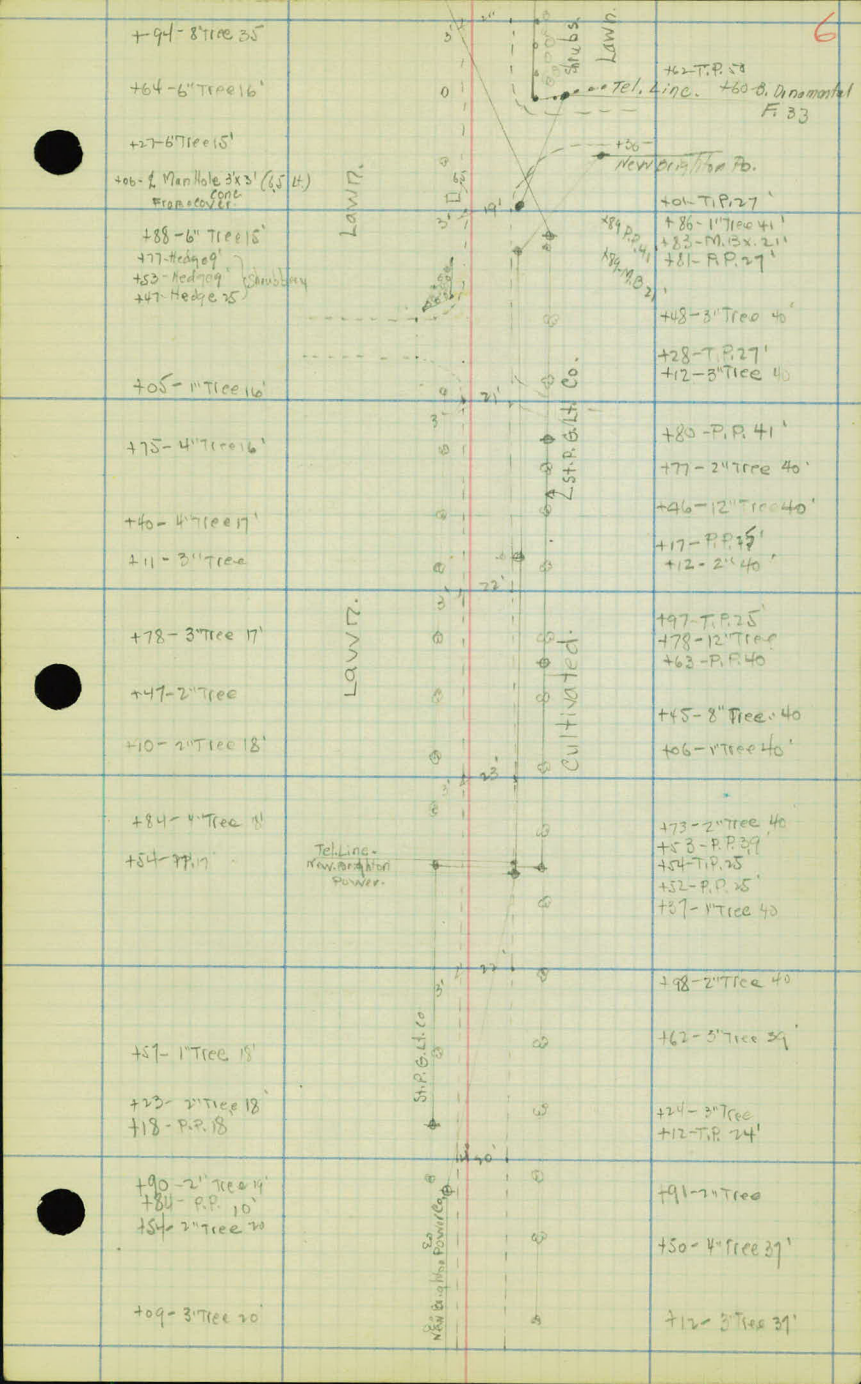
185

184

183

182

181


+94 - 8" Tree 35'
+64 - 6" Tree 16'
+27 - 6" Tree 15'
+06 - ℄ Manhole 3'x3' (6.5 ft.) From cover to cent
+88 - 6" Tree 18'
+77 - Hedge 9'
+53 - Hedge 9'
+47 - Hedge 25'
+05 - 1" Tree 16'
+75 - 4" Tree 16'
+40 - 4" Tree 17'
+11 - 3" Tree
+78 - 3" Tree 17'
+47 - 2" Tree
+10 - 2" Tree 18'
+84 - 4" Tree 18'
+54 - P.P. 17'
+57 - 1" Tree 15'
+23 - 2" Tree 18'
+18 - P.P. 18'
+90 - 2" Tree 14'
+84 - P.P. 10'
+54 - 2" Tree 20'
+09 - 3" Tree 20'
Lawn.
Shrubs
Tel. Line.
New Brighton Pb.
+62 - T.P. 58'
+60 - B. Ornamental
F. 33
+04 - T.P. 27'
+86 - 1" Tree 41'
+83 - M. 13 x. 21'
+81 - P.P. 27'
+48 - 3" Tree 40'
+28 - T.P. 27'
+12 - 3" Tree 40'
St. R. & L. Co.
+80 - P.P. 41'
+77 - 2" Tree 40'
+46 - 12" Tree 40'
+17 - P.P. 27'
+12 - 2" 40'
Cultivated.
+97 - T.P. 25'
+78 - 12" Tree
+63 - P.P. 40'
+45 - 8" Tree 40'
+06 - 1" Tree 40'
Tel. Line.
New Brighton Power.
+73 - 2" Tree 40'
+53 - P.P. 39'
+54 - T.P. 25'
+32 - P.P. 25'
+87 - 1" Tree 40'
+98 - 2" Tree 40'
+62 - 3" Tree 39'
St. R. & L. Co.
+24 - 3" Tree
+12 - T.P. 24'
+91 - 2" Tree
+50 - 4" Tree 39'
+12 - 3" Tree 39'
New Brighton Power Co.

+15.1 P.T.

194

193

192

191

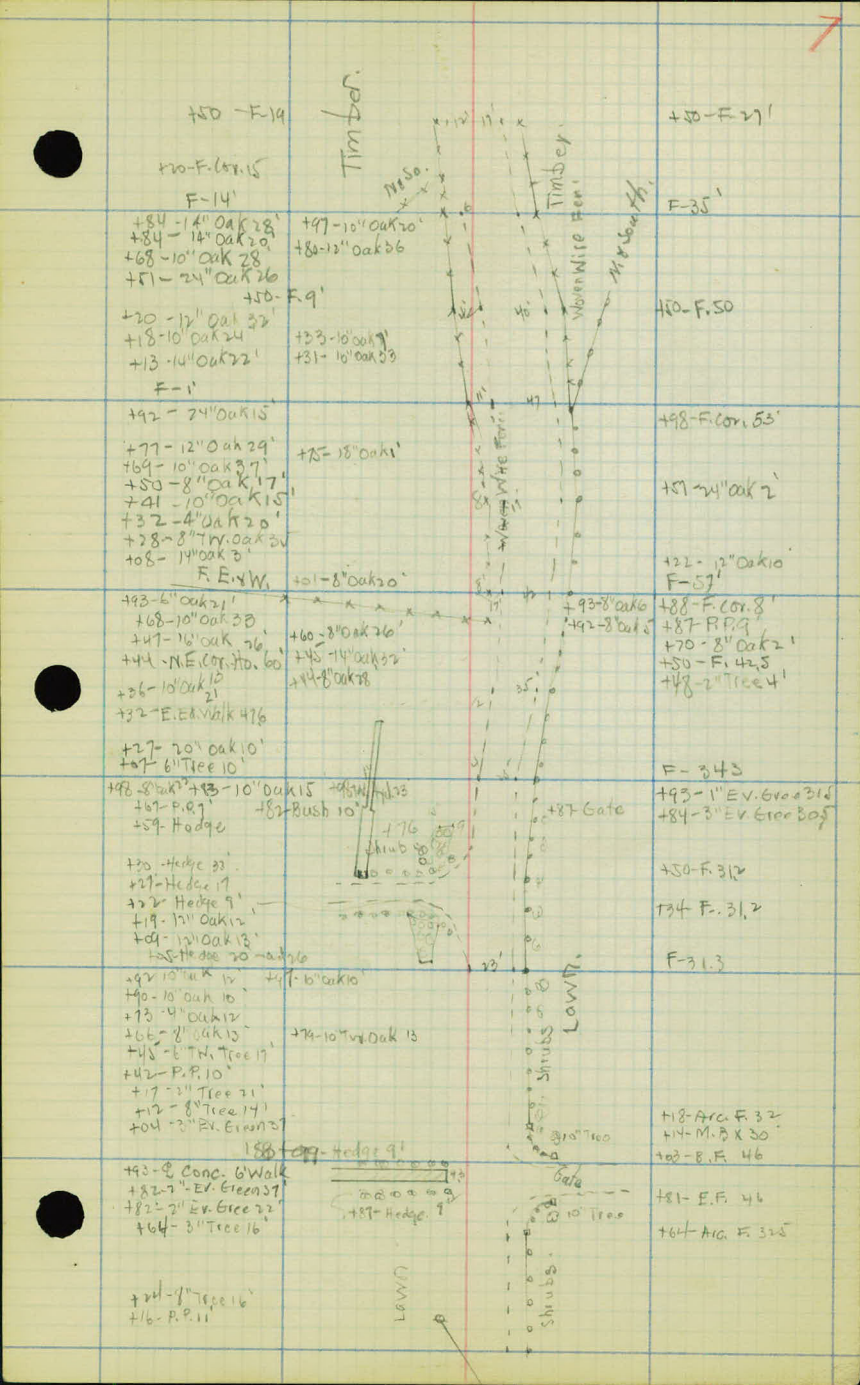
+41 - ℄ Drive to Homes. +80 - 55± Lt. E. Ed. Conc. 4' Walk.

190

189

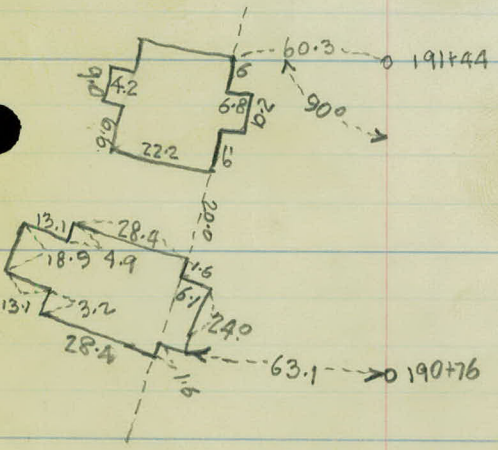
+91 - ℄ Drive to Estate.

188


+50 - F-14
+70-F-Cor.15
F-14'
Timber
Timber
+50-F-27'
F-35'
+84 -14" Oak 28'
+84 - 14" Oak 20'
+68 -10" Oak 28'
+51 - 24" Oak 26
+97 -10" Oak 20'
+80-12" Oak 36
+50-F.9'
+30 - 12" Oak 32'
+18-10" Oak 24'
+13 -14" Oak 22'
F-1'
+33-16" Oak 9'
+31- 16" Oak 33
Woven Wire Fence
+50-F.50
+92 - 24" Oak 15'
+77 - 12" Oak 29'
+69 - 10" Oak 37'
+50 -8" Oak 17'
+41 - 10" Oak 15'
+32 -4" Oak 20'
+28 - 8" Trv. Oak 30'
+08 - 14" Oak 3'
F.E.x W.
+75 - 18" Oak 1'
+98-F.Cor.53'
+51 -24" Oak 2'
+22 - 12" Oak 10'
F-57'
+01 - 8" Oak 20'
+93-6" Oak 21'
+68-)10" Oak 38'
+47- 16" Oak 76'
+44 -N.E.Cor.Ho. 60'
+36 - 18" Oak 12'
+32 - E.Ent.Walk 476
+27 - 20" Oak 10'
+07 - 6" Tree 10'
+60 - 8" Oak 26'
+45 -14" Oak 32'
+14-8" Oak 28'
+93-8" Oak 6'
+92-8" Oak 5'
+88-F.Cor.8'
+87-P.P.9'
+70 - 8" Oak 2'
+50 - F. 42.5
+48 - 2" Tree 4'
F - 343
+98 -8" Oak 9'
+93 - 10" Oak 15'
+67-P.P.9'
+59 - Hedge
+87-Bush 10'
+87 Gate
+93 - 1" Ev. Tree 31.5
+84 - 3" Ev. Tree 30.5
+30 - Hedge 32'
+27 - Hedge 19'
+32 - Hedge 9'
+19 - 12" Oak 12'
+04 - 12" Oak 13'
+05 - Hedge 20 - a 476
+50-F.31.2
+34 F. 31.2
F-31.3
+92 12" Oak 12'
+90 - 10" Oak 10'
+73 - 4" Oak 12'
+66 - 8" Oak 13'
+45 - 6" Tr. Tree 17'
+42 - P.P. 10'
+17 - 3" Tree 21'
+12 - 8" Tree 14'
+04 - 2" Ev. Tree 37'
+74-10" Trv. Oak 13
Lawn
Shrubs
+18-Arc. F. 32
+14- M.B x 30
+03 - B.F. 46
188 Long - Hedge 9'
+93 - 2 Conc. 6' Walk
+82-7 1/2" Ev. Tree 37'
+82-2" Ev. Tree 22'
+64 - 3" Tree 16'
+87 - Hedge 7'
Gate
+81 - E.F. 46
+64 - Arc. F. 32.5
Lawn
Shrubs
+24 - 1" Tree 16'
+16 - P.P. 11'

8

TOPOGRAPHY 4/29/26
HACKNEY BLDGS PRB
ANOKA CUTOFF C.W.S.
PROJ-26-62 A



& Levels & X-Sections

Anoka Line change.

Station	+	H.I	−	Elev.	
B.M.	1.43	923.33 ✓		921.90	
171+00				914.7	
171+65				915.08	Top Mon.
172				915.5	
+58				16.5	
173				16.9	
174				18.7	
175				19.1	
T.P.	1.55	921.71 ✓	3.17	920.16 ✓	
176				17.7	
+50				17.1	
177				16.7	
+50				16.2	
178				16.0	

Lt. Ł Rt. W.H.G. R.L.P. M.G. #.3 3-23-26

R.R. Spike in 16" Oak 34' Lt. 173+11

9.0 / 50	9.7 / 20	9.0 / 12	8.6	8.9 / 11	9.4 / 16	10.1 / 17	10.1 / 50			
8.4 / 50	9.1 / 34	9.8 / 18	8.5 / 15	8.25	8.9 / 12	10.1 / 25	9.0 / 50			
9.0 / 50	9.1 / 33	9.6 / 19	8.7 / 17	8.1 / 12	7.8	8.0 / 14	9.5 / 15	9.7 / 21	10.5 / 22	10.1 / 27	9.1 / 29	8.2 / 50
4.5 / 50	4.5 / 33	5.0 / 28	8.0 / 18	7.3 / 13	6.8	7.2 / 15	8.9 / 22	8.8 / 26	6.4 / 29	6.0 / 40	6.0 / 50	
3.2 / 50	3.2 / 30	4.1 / 20	6.6 / 17	6.7 / 10	6.4	5.7 / 12	6.8 / 17	7.5 / 20	7.5 / 27	5.7 / 50	4.8 / 35	5.4 / 41	5.4 / 50
3.2 / 50	3.2 / 18	5.1 / 16	5.5 / 13	5.0 / 11	4.6	5.2 / 17	5.6 / 19	5.7 / 21	4.8 / 25	2.8 / 36	3.0 / 50		
3.3 / 50	3.4 / 17	5.0 / 15	5.1 / 13	4.7 / 12	4.2	4.4 / 16	4.8 / 21	4.6 / 23	3.5 / 26	2.5 / 37	3.3 / 41	3.3 / 50	

Nail in T.P. 14' Rt. 174+88

1.6 / 50	2.4 / 29	3.0 / 18	5.0 / 13	4.5 / 10	4.0	4.2 / 19	5.2 / 21	4.7 / 38	5.4 / 41	5.5 / 50		
3.9 / 50	4.8 / 28	5.4 / 14	4.7 / 10	4.6	5.2 / 19	7.3 / 23	7.0 / 34	6.6 / 39	6.9 / 50			
4.8 / 50	5.4 / 27	6.0 / 14	5.2 / 11	5.0	5.4 / 18	7.1 / 24	8.6 / 27	8.7 / 31	7.2 / 33	7.1 / 40		
								8.6 / 50	8.2 / 43			
5.6 / 50	7.0 / 27	7.7 / 13	6.0 / 10	5.5	6.0 / 19	9.0 / 24		10.3 / 50				
6.3 / 50	8.3 / 27	8.3 / 13	6.3 / 10	5.7	6.1 / 18	8.9 / 23	8.7 / 35	8.2 / 40	8.2 / 50			

Station	+	H.I	−	Elev.
		921.71		
178+50				15.8
179				16.0
+50				16.5
180				16.4
T.P.	3.23	920.37	4.57	917.14
+50				15.8
181				14.9
+60				14.2
182				13.5
183				12.7
+67				12.0
184				11.9
T.P.	3.68	915.73	8.29	912.08
+50				12.8

Lt. ℄ Rt. (Rain)

7.4	7.3	7.8	7.3	6.3	59	6.3	8.0	8.2	5.6	5.6	5.7
50	38	26	12	11		21	26	29	35	44	50
9.2	8.4	7.1	6.3	6.8	6.1	57	6.2	7.1	7.2	3.8	3.3
50	33	27	15	13	10		21	24	28	38	50
6.6	5.6	4.4	6.3	5.4		5.2	5.5	6.7	6.7	5.1	0.6	1.3
50	32	17	12	10			22	25	29	36	43	50
6.2	5.2	6.4	5.16			5.3	5.7	6.7	1.5	2.5	
50	21	13	9				21	26	37	50	

Nail in P.P. Lt. 180+20

8.0	8.3	6.9	5.9	4.8	4.6	4.7	6.0	5.8	7.0	2.3	2.8
50	40	26	12	10		22	28	29	37	43	50
						Lot					
8.1	8.9	6.7	6.0		5.5	5.2	5.4	7.3	7.1	5.8	5.5
50	38	11	9			10	24	28	33	34	50
	10.8	8.4	6.6		6.2	6.0	6.3	8.4	8.3	7.1	7.2	7.7
	50	10	7			10	21	27	32	34	44	50
11.3	11.1	9.8	7.1		6.9	6.6	7.2	8.6	8.8	7.0	8.4
50	37	12	5			9	24	27	34	35	50
	12.5	12.0	8.2		7.7	7.5	8.0	8.6	10.0	10.0
	50	12	5			12	23	29	38	50
	12.5	12.4	8.8		8.4	8.1	8.6	10.5	10.3	10.6
	50	12	3			12	23	29	33	50
	10.9	11.5	8.9		8.5	8.1	8.5	9.9	9.4	9.6
	50	12	4			10	23	27	42	50
	5.4	5.3	4.0		3.9	3.6	3.8	5.0	4.8	2.4	3.1
	50	11	4			13	25	27	31	34	50

Station	+	H.I	−	Elev.
		915.73		
185				11.9
186				11.1
+50				11.1
187				10.1
B.M.	4.96	915.73	4.96	910.77
+40				10.0
188				10.0
+50				10.5
189				11.9
+50				11.7
190				11.4
T.P.	6.14	918.82	3.05	912.68
+50				13.4
191				11.3

Lt. 2 Rt.

2nd

5.2/50	5.2/30	5.2/11	4.0/4	3.8	3.5/12	3.9/22	3.4/25	4.3/28	4.0/31	1.4/55	2.3/50
5.6/50	5.3/14	4.6/7	4.6	4.2/12	4.3/23	4.5/28	5.8/29	5.7/32	2.6/44	2.9/50	
6.7/50		5.4/15	4.6	4.6/12	5.2/25	7.2/28	7.1/32	3.5/36	3.7/50		
6.9/50	7.1/13	5.7/4	5.6	5.2/10	5.9/26	7.5/30	6.8/36	6.6/50			

Spike in T.P. 50' Rt sta. 187+50

6.7/50	6.5/8	5.9/4	5.7	5.1/16	5.4/20	5.2/50	℄ Road Rt.
	6.3/33	6.1/6	5.7	5.4/12	5.8/22	6.1/33	
	5.3/33		5.2	4.7/13	5.2/24	4.6/33	
4.7/33	3.3/8	3.9/5	3.8	3.4/12	3.5/22	3.8/33	
3.8/33	3.2/9	3.8/6	4.0	3.4/18	4.0/24	3.8/33	
	5.1/33	5.0/9	4.3	3.5/13	4.1/24	4.3/38	
	4.8/33	5.2/10	5.4	5.6/14	6.1/23	6.0/33	
2.0/33	2.0/22	2.8/6	4.5	5.1/14	4.8/17	4.9/17	5.0/34

Station	+	H.I	−	Elev.	
		918.82			
191+21				15.4	
+70				12.9	
192				10.0	
+50				12.4	
193				15.1	
193+50				11.5	
194				11.3	
+50				10.4	
B.M.				2.05	910.77

SEE R-19

Lt. | Rt.

2 RC4

2.1 / 3.3 | 3.4 | 5.0 / 7 | 4.6 / 20 | 5.0 / 30 | 5.0 / 35

7.0 / 50 | 6.4 / 33 | 5.9 | 5.9 / 13 | 5.0 / 24 | 5.6 / 40

8.5 / 50 | 9.0 / 28 | 8.8 | 8.3 / 12 | 5.8 / 18 | 5.1 / 32 | 5.9 / 50

6.7 / 50 | 6.4 / 26 | 6.4 | 6.2 / 10 | 6.8 / 12 | 6.7 / 15 | 6.0 / 18 | 5.0 / 36 | 5.2 / 50

3.2 / 50 | 3.0 / 28 | 3.7 | 6.5 / 5 | 6.7 / 8 | 6.3 / 11 | 5.7 / 24 | 6.15 / 50

2.8 / 50 | 2.8 / 30 | 3.6 / 8 | 7.3 / 4 | 7.3 | 6.9 / 5 | 6.4 / 24 | 7.0 / 40 | 7.9 / 42 | 7.6 / 45 | 4.8 / 49 | 4.8 / 50

3.2 / 50 | 5.0 / 14 | 7.9 / 10 | 8.4 / 7 | 7.9 / 6 | 7.5 | 7.4 / 15 | 7.8 / 26 | 8.6 / 28 | 8.6 / 31 | 6.2 / 35 | 6.2 / 50

6.0 / 50 | 7.6 / 19 | 9.2 / 17 | 9.3 / 15 | 8.8 / 13 | 8.4 | 8.9 / 17 | 10.0 / 19 | 10.0 / 21 | 8.0 / 25 | 7.0 / 29 | 7.0 / 50

Spike in T.P. 50' Rt. Sta. 187+50

5

Anoka line Change
Sta 189 - 194

194+41.77 P.T. = 194 + 49.5

192+30.51 P.I. 44°44'

189+94.44 P.C.

Sta.	Def.
189+44.44	0°00'
190+00	0°17'
+50	2°47'
191+00	5°17'
+50	7°47'
192+00	10°17'
+50	12°47'
193+00	15°17'
+50	17°47'
194+00	20°17'
+44.44	22°22'

10° Curve Eff.
$\Delta = 44°44'$
Rad = 573.69
Tang = 236.07
Length = 447.33

Line change

3-3-76

Station	+	H.I	−	Rod	Elev
B.M.	1.59	923.49			921.90
171+22.0					15.0
+50					15.1
172+00					15.9
+47					16.5
173+00					17.7
174+00					19.0
175+00					18.9
T.P.	4.95	922.85	5.59	917.90	
176+00					17.6
177+00					16.6
+60					16.1
178+00					15.9
179+00					16.7

91 5.0

8.4 9.6 9.0 8.5 8.8 10.0 11.4 10.6 10.5
50.0 17.5 14.0 14.0 17.5 20.0 31.0 50.0

8.5 9.0 10.0 8.6 9.0 10.0 9.6
50.0 32.0 19.0 14.0 8.4 12.0 23.0 50.0

8.4 8.6 8.6 9.0 9.0 8.2 8.0 9.2 9.4 10.2 8.5 7.6 8.2
50.0 38.0 33.0 25.0 18.5 15.0 7.6 14.0 16.5 20.0 24.0 27.0 34.0 38.0
7.6
50.0

4.8 4.8 5.8 6.6 8.2 7.5 7.2 8.8 8.8 6.5 5.5 6.2 6.0
50.0 36.0 28.0 24.0 18.0 15.0 7.0 14.0 20.5 25.0 27.0 34.0 39.0 50.0

2.6 2.6 3.0 3.5 7.0 6.4 6.6 7.3 7.3 5.5 4.8 50
50.0 37.0 30.0 21.0 14.0 13.0 6.3 15.0 18.0 25.0 28.0 34.0 50.0

3.5 3.5 3.5 3.5 5.5 5.0 5.0 5.4 5.4 4.2 3.7 2.8
50.0 39.0 31.0 20.0 16.0 13.0 4.5 10.0 16.0 19.0 23.0 28.0 32
2.8 3.2
50.0 37.0

2.2 2.2 2.6 5.6 5.6 5.0 4.6 4.6 3.8 3.2 2.8 3.6 4.0
50 33 26 18 15 11.0 15 19 22 29 33 36 50

3.6 3.8 4.0 4.7 5.0 6.2 5.7 5.6 6.4 6.8 6.4 6.6 7.2
50 44 33 24 21 17 16 5.3 14 16 18 20 31 50

6.3 6.5 7.0 7.0 7.5 7.1 6.5 6.8 7.4 9.6 10.3 9.6 8.6 10.0 10.5
50 39 33 24 21 19 16 6.3 13 15 20 24 28 33 37 50

9.0 9.0 9.2 9.6 9.6 9.0 7.2 7.2 11.0 11.7
50 38 33 28 23 20 15 6.6 13 20 50

9.0 9.2 9.2 9.2 7.4 7.0 7.4 9.7 9.4 9.0 8.4 8.5 8.0
50 38 25 20 15 7.0 13 18 25 30 35 36 38
9.0
50

9.5 7.7 6.8 7.6 7.6 7.1 6.7 7.1 8.2 7.2 6.8 3.2 3.7
50 36 23 22 20 16 13.0 18 22 31 38 50

Station	+	H.I.	−	Rod	Elev.
		922.55			
179+50					16.6
180+00					16.7
181+00					14.9
182+00					13.7
T.P.	2.92	916.70	9.07	913.78	
183+00					12.7
184+00					12.3
185+00					12.7
186+00					11.4
+50					10.8
187+00					10.5
+26	& Rd. Rd				10.5
B.M.				5.93	910.77
188+00					10.4
T.P.	8.80	921.28	4.22	912.48	

7.4	6.0	5.7	6.7	6.5	6.3	6.6	7.8	6.7	1.6	2.6	3.0
50	34	26	21	16		13	19	23	31	41	50
8.4	7.6	7.3	7.6	6.8	6.9		6.9	8.1	4.7	3.1	3.8	4.4
50	38	26	23	19	15	6.5	12	19	24	28	38	50
	11.8	10.6	9.4	8.3			8.3	10.3	5.6	8.4	8.8	9.1
	50	36	21	17	8.0		12	20	25	32	36	50
14.3	12.0	13.0	10.0	9.3			9.8	11.1	11.7	10.4	11.0	11.4
50	35	21.0	15	8.0	9.2		13	15	23.0	31	37	50
	9.5	8.4	4.6	3.9			4.6	5.4	7.0	7.6	6.4	6.2
	50	19	14.	7.0	4.9		11.0	17	22	26	33	50
7.1	7.0	6.5	5.1	4.4			4.7	6.0	6.3	5.8	50	55	50
50	28	21	16	7.0	4.4		12	17	19	21	31	35	50
	6.4	5.9	4.8	4.7			4.5	5.4	4.0	2.4	2.2	3.3	4.0
	50	21	16	8.0	4.5		12	15	19	21	20	27	50
	6.4	5.8	5.3				5.4	7.4	4.2	3.6	3.5	3.6
	50.0	21	13	5.3			12	17	20	24	33	50
	8.0	7.8	7.0	6.3			6.3	8.3	8.3	5.5	5.2	5.2
	50.	36	30	17	5.9		11	15	19	23	31	50.
8.2	7.4	6.7	6.4	6.2			6.9	6.7	7.3	7.4		
50	21	18	13	7.0	6.2		13.	18	30	50		
7.8	7.3	6.7	6.3	6.1			6.0	6.0				
50	21	18	12	5.0	6.2		21	50				

Nail in T.P. 35' Rt Sta 186 + 45

7.0	6.6	6.2			6.8	6.5	7.0	7.4	
50	19	13.0	6.3		6.0	14	34	50	

T.P. on Gate Post. Rt. Sta 187+5'

	+	H.I.	−	Rod	Elev.
	8.78	921.26	4.22	912.48	
189+00					12.5
x 190+00					12.4
+46					13.8
191+00					14.2
+50					13.8
192+00					13.5
+50					13.2
193+00					12.9
T.P.	3.88	918.23.	6.91	914.35.	
+50					12.2
194+00					11.5
195+00					09.5.
T.P.	0.92	907.98.	11.17	907.06.	
196+00					06.0.

FROM R-13

9.5	8.5	8.8			8.8	8.8	8.2	7.6	7.4						
50.0	25.0	20.0			8.8	15.0	17.0	26.0	50.0						
10.7	9.8	8.7	8.6		8.9	9.3	9.6	9.3	9.6						
50.0	27.0	16.0	7.0		8.9	6.0	10.0	13.0	50.0						
5.6	5.6	6.1	7.3	7.4	7.5	8.5	7.8	9.2							
50.0	38.0	29.0	25.0	15.0	7.5	9.0	12.0	50.0							
5.2	5.2	5.5	6.7	7.2	7.1	7.4	7.5	7.0	8.5						
50.0	33.0	26.0	21.0	18.0	7.1	7.0	10.0	12.0	50.0						
8.5	7.7	8.0			7.5	7.7	7.8	7.3	8.0						
50.0	28.0	16.0			7.5	12.0	15.0	17.0	50.0						
11.7	11.0	10.8	8.3		7.8	7.4	7.7	8.4	8.6	9.1	8.8				
50.0	16.0	13.0	9.0		7.8	7.0	16.0	23.0	25.0	29.0	50.0				
8.3	8.3	8.5	9.2	8.4	8.1	7.1	8.0	8.1							
50.0	25.0	16.0	12.0	8.0	8.1	17.0	35.0	50.0							
5.3	5.8	9.0	9.2	8.6	8.4	8.0	8.4	8.8	8.5	7.2	7.7	8.4			
50.0	21.0	15.0	14.0	10.0	8.4	13.0	24.0	30.0	32.0	34.0	45.0	50.0			
3.3	2.8	6.6	6.5	6.7	6.0	6.0	6.4	6.8	6.5	4.4	4.4				
50.0	22.0	16.0	12.0	9.0	6.0	11.0	27.0	28.0	32.0	35.0	50.0				
2.8	4.2	7.8	7.8	7.0	6.7	6.6	7.1	7.8	7.6	5.0	5.0				
50.0	19.0	15.0	12.0	8.0	6.7	10.0	22.0	24.0	27.0	31.0	50.0				
7.8	8.0	9.6	10.0	9.0	8.7	9.4	11.0	10.7	8.7	11.2					
50.0	34.0	23.0	21.0	18.0	8.7	10.0	14.0	17.0	20.0	50.0					
5.3	4.6	3.7	1.5	1.5	2.0	2.2	8.6	9.5	12.0						
50.0	38.0	35.0	29.0	15.0	2.0	7.0	10.0	14.0	50.0						

	+	H.I.	−	Rod	ELEV.
		907.98			
197+00					04.8.
198+00					05.0
199+00					06.0
T.P.	9.05	916.37.	0.66	907.32.	
200+00					08.1.
201+00					09.9.
+60					09.6
202+00					08.9
B.M.			2.80	913.57.	
B.M.	2.71	916.28.			913.57
150					08.0.
203+00					07.6.
204+00					05.9.
150					04.7.
T.P.	7.39	912.08.	11.59	904.69.	
205+00					02.6.

LH. RH.

4.5/50.0 4.8/36.0 5.0/32.0 3.2/27.0 3.2 | 3.3/3.0 8.6/12.0 11.7/25.0 12.6/50.0

5.5/50.0 5.6/27.0 5.6/22.0 3.2/18.0 3.0 | 3.3/11.0 7.4/18.0 8.3/21.0 8.2/31.0 7.5/50.0

5.7/50.0 6.0/33.0 5.7/19.0 3.4/13.0 2.0 | 2.0/10.0 2.4/14.0 5.5/24.0 5.2/32.0 4.2/50.0

4.2/50.0 5.2/28.0 7.8/25.0 9.1/21.0 8.8/18.0 8.4/14.0 8.3 | 8.6/17.0 9.0/20.0 9.0/22.0 7.6/25.0 6.4/35.0 5.8/50.0

2.6/50.0 1.8/34.0 5.4/28.0 6.7/25.0 6.5/22.0 6.7/19.0 6.4/7.0 6.5 | 6.8/13.0 7.3/15.0 7.5/18.0 7.1/21.0 5.2/26.0 4.6/32.0 4.1/50.0

3.8/50.0 3.5/34.0 7.6/28.0 7.0/33.0 6.7/9.0 6.8 | 6.8/12.0 7.5/15.0 3.7/26.0 3.0/38.0 2.5/50.0

4.6/50.0 4.7/35.0 6.8/31.0 8.2/27.0 8.3/24.0 7.8/21.0 7.7/17.0 7.5 | 7.6/10.0 8.0/12.0 8.2/14.0 7.4/19.0 5.3/23.0 3.5/28.0 2.8/50.0

202 + 50 = 12" OAK - RIGHT.

4.2/50 4.7/37 9.2/26 9.0/7.2 8.5/1.6 8.3 | 8.6/1.0 9.0/1.2 8.5/1.8 5.7/2.4 1.0/2.8 3.3/50

2.7/50 3.0/37 8.8/24 9.6/2.4 9.7/2.1 9.2/1.9 9.0/1.4 8.7 | 8.7/1.3 7.3/1.5 10.0/1.6 10.0/1.8 7.8/2.3 4.7/3.3 4.0/50

2.4/50 3.0/34 3.6/27 4.3/1.9 11.0/1.6 10.7/1.3 10.4 | 10.3/8 10.8/2.0 11.3/2.2 7.5/2.5 10.8/2.8 7.5/3.6 7.1/50

4.5/50 6.0/31 7.0/1.6 12.0/1.1 11.7/.7 11.6 | 12.0/1.4 12.0/2.6 12.6/2.8 12.2/3.4 11.0/3.6 10.2/50

4.0/50 5.3/36 6.4/2.4 6.5/2.3 8.0/1.3 9.5/.7 10.7/.2 9.5 | 9.0/.2 9.4/3.3 11.4/3.7 11.4/50

Sta.	+	H.I.	-	Elev	
		912.08			
450					900.5
706+00					897.3
T.P.	3.69	904.57	11.20	900.88	
450					895.4
707+00					93.4
T.P.	5.75	900.22	10.10	894.47	
450					90.3
708+00					88.0
709+93	+19.87 M.W.C. P.T.				87.9
T.P.	1.82	895.30	6.74	893.48	
B.M.			6.11	889.19	889.20

SEE B-7

37	58	72	90	113		120	108	105	117	150
50	36	29	19	8	116	7	10	28	43	50

50	70	105	110	130		150	148	118	115	116
50	37	24	19	9	148	8	17	19	37	50

17	58	70	86		92	89	57	46	46	
50	40	15	7	97	17	21	30	46	50	

		105	111		115	110	100	92	55	88
		50	7	117	16	24	30	44	40	50

100	103	106			92	75	55	37	11	
50	50	12	99		4	19	37	44	50	

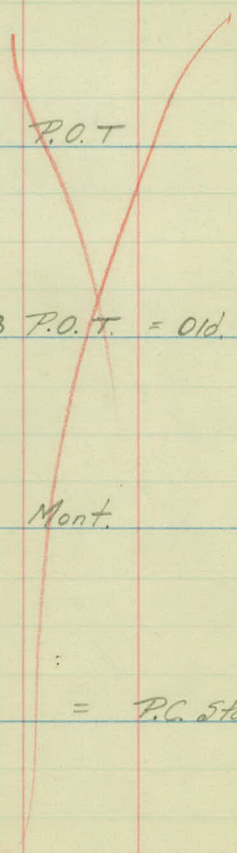
120	120				114	100	72	47		
50	34	124			17	21	45	50		

125	127				118	115	92	89		
50	26	123			21	37	47	50		

Anoka Connection

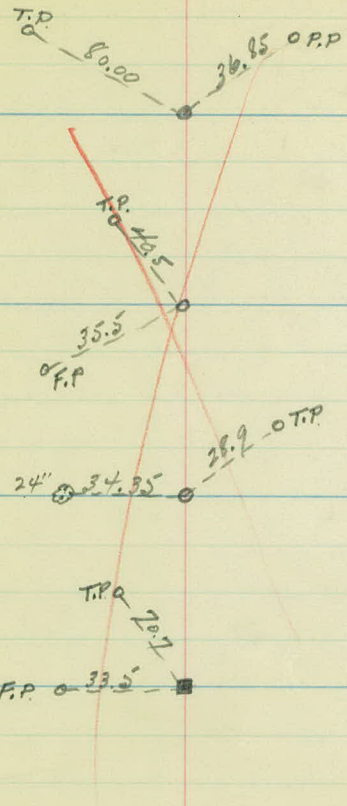
Line Change

Station	Ang. Lt.	Ang. Rt.
183+02.15 P.O.T		
175+11.0 P.O.T		
173+00.23 P.O.T. = Old P.I.		
171+49.8 Mont.		
171+22.0 = P.C. Sta 172+00.37 Original line.		



2-26-26

23



Station		Ang. Lt.	Ang. Rt
208+19.87	P.T.		
205+49.25	P.I.		44°48'
198+24.82	P.C.		

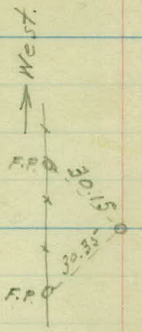
FROM R-2

193+71.1	P.T.		
192+30.81	P.I.	42°22'	
190+72.88	P.C.		

2-26-26

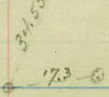
TO ALIGN. -5 24

Sta.	Def
198+24.32	0°00'
199+00	10°42'
200+00	3°57'
201+00	6°12'
202+00	8°27'
203+00	10°42'
204+00	12°57'
205+00	15°12'
206+00	17°27'
207+00	19°42'
208+00	21°57'
+19.87	22°24'

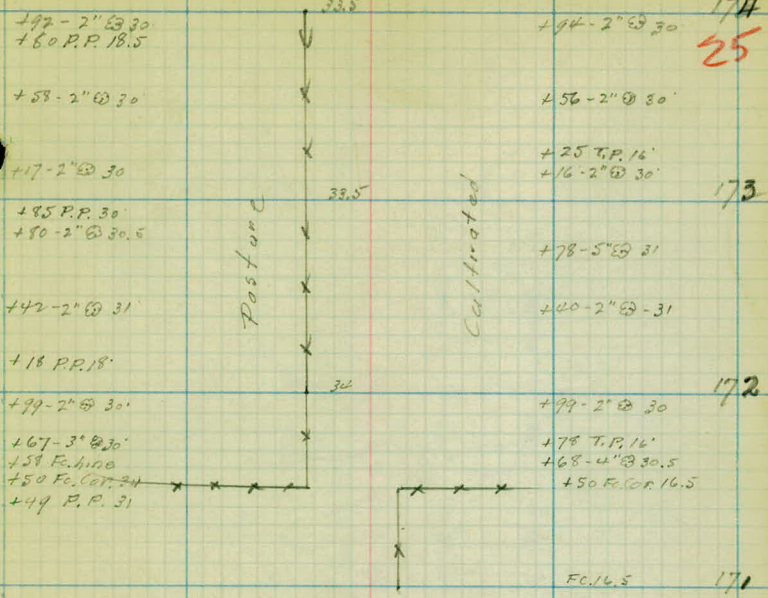


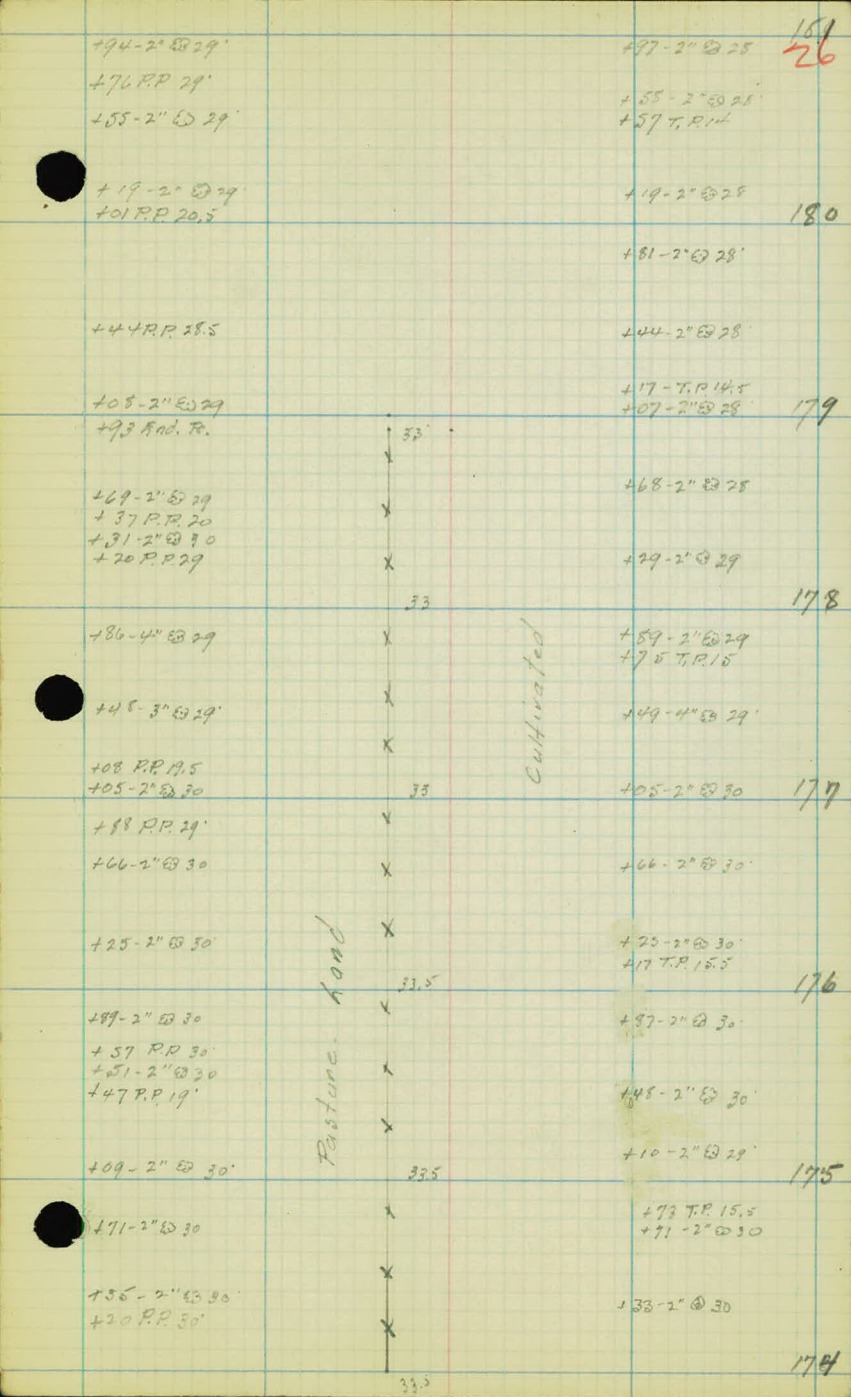
4°30' Curve Rt.
Δ = 44°48'
Rad = 1273.57'
Tang = 524.93
Length = 997.77'

Sta.	Def
190+72.86	0°00'
191+00	2°02'
+50	5°47'
192+00	9°32'
+50	13°17'
193+00	17°02'
+50	20°47'
+71.1	22°22'



15° Curve Lt.
Δ = 44°44'
Rad = 383.07
Tang = 157.63
Length = 298.22'


174
25
+97 - 2" @ 30
+60 P.P. 18.5
+58 - 2" @ 30
+17 - 2" @ 30
+85 P.P. 30
+80 - 2" @ 30.5
+42 - 2" @ 31
+18 P.P. 18
+99 - 2" @ 30
+67 - 3" @ 30
+38 F. line
+50 Fe. Cor. 24
+49 P. P. 31
33.5
33.5
30
Pasture
Cultivated
+94 - 2" @ 30
+56 - 2" @ 30
+25 T.P. 16
+16 - 2" @ 30
173
+78 - 5" @ 31
+20 - 2" @ - 31
172
+99 - 2" @ 30
+78 T.P. 16
+68 - 4" @ 30.5
+50 Fe. Cor. 16.5
Fe. 16.5
171


+94-2" @ 29'
+76 P.P. 29'
+55-2" @ 29'
+19-2" @ 29'
+01 P.P. 20.5
+44 P.P. 28.5
+08-2" @ 29
+93 Ind. R.
+69-2" @ 29
+37 P.P. 20
+31-2" @ 30
+20 P.P. 29
+86-4" @ 29
+48-3" @ 29'
+08 P.P. 19.5
+05-2" @ 30
+88 P.P. 29'
+66-2" @ 30
+25-2" @ 30'
+89-2" @ 30
+57 P.P. 30'
+51-2" @ 30
+47 P.P. 19'
+09-2" @ 30'
+71-2" @ 30
+56-2" @ 30
+20 P.P. 30'
33'
33
33.5
33.5
Pasture land
Cultivated
+97-2" @ 28
+55-2" @ 28'
+57 T.P. 14
+19-2" @ 28
+81-2" @ 28'
+44-2" @ 28'
+17-T.P. 14.5
+07-2" @ 28'
+68-2" @ 28
+29-2" @ 29
+59-2" @ 29
+76 T.P. 15
+49-4" @ 29'
+05-2" @ 30
+66-2" @ 30'
+25-2" @ 30'
+17 T.P. 15.5
+97-2" @ 30'
+48-2" @ 30'
+10-2" @ 29'
+73 T.P. 15.5
+71-2" @ 30
+33-2" @ 30
161
26
180
179
178
177
176
175
174

188

27

R.P. 27.5

+49-6" @ 30.5

+41-6" @ 30

+73-4" @ 30

+42.5" @ 30

+36

+13 ℄ Drive

+90-2" @ 30

+60-4" @ 30

+24.3" @ 30

+97-2" @ 30

+63 @ 2" 30

+37-2" @ 30

+96-2" @ 30

+67-2" @ 30

+37 R.P. 29

+41-2" @ 29

+07-2" @ 29

+03-R.P. 28.3

+74-2" @ 29

+69 R.P. 26

+38-2" @ 29

Iron Fence

+45 F. Cor. 17.4

+34 ℄ Road

187

+86 T.P. 11.5

+74 M. 85.3 +74 P.P. 5.5

+66 R.P. 12

+68 M.B. 5.5

+38-2" @ 25

+13 T.P. 12

+71" @ 25

Ledge

186

+77-2" @ 27

+53 F.E.

+64 R.P. 27

+61-2" @ 27

+30-12" @ 26

+02 R.P. 12.5

185

+98-2" @ 26

+83 T.P. 12

+64-12" @ 27

+48 R.P. 28

+31-12" @ 27

184

+93-2" @ 28

+57-2" @ 28

+39 R.P. 29

+29 R.P. 14

+36 R.P. 14

+23-2" @ 28

183

+85-2" @ 28

+48-2" @ 28

+10-2" @ 28

182

+97 T.P. 14 F.P.

+76-2" @ 28

+54 Slow Sign 27

+38-3" @ 28

Marsh

Cut in to Road

181

Rd. 4t. & Rd. Rt.

4.0

0 0

4.0

4.0

6.0

10

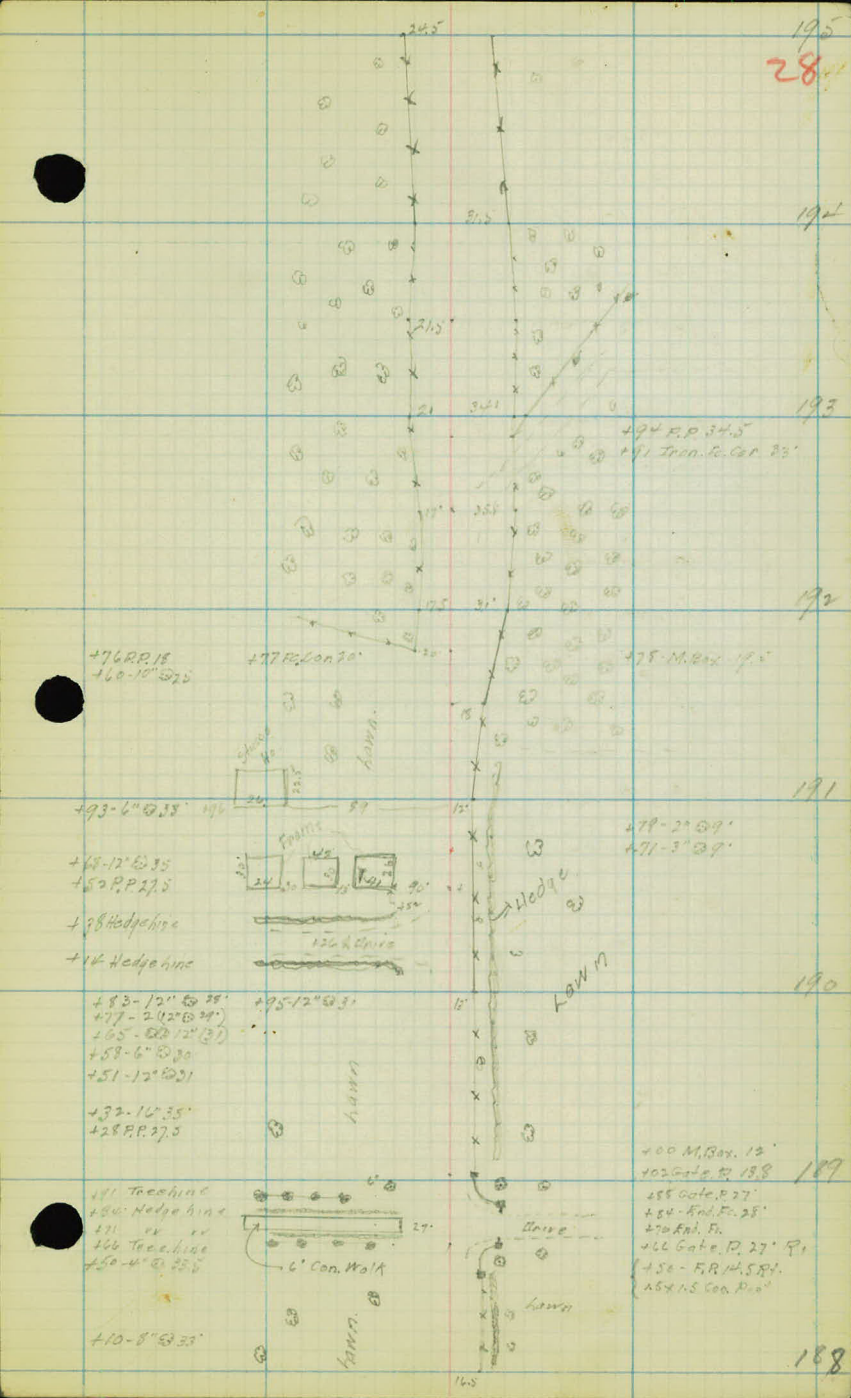
8.0

0 0

5.5

5

7


195
28
194
193
192
191
190
189
188
+94 R.P. 34.5
+91 Iron & Cor. 33'
+76 R.P. 18
+77 R. Con 20'
+78 M. Box 17.5'
+93-6" @ 38'
+79-2" @ 9'
+71-3" @ 9'
+68-12" @ 35
+67 R.P. 27.5
+98 Hedge hine
+99 Hedge hine
+83-12" @ 38'
+77-24" @ 34'
+65-12" @ 31'
+58-6" @ 30
+51-12" @ 31
+32-16" 35'
+28 R.P. 27.5
+95-12" @ 3'
+00 M. Box. 12'
+02 Gate R. 19.8
+88 Gate R. 27'
+84 Rad. R. 25'
+70 Rad. R.
+66 Gate R. 27' R.
+50 F.R.H. 58.4
+54 1.5 Con. R.
+41 Tree hine
+99 Hedge hine
+71 " "
+66 Tree hine
+50-4" @ 28.5'
+10-8" @ 33'
Trees
Hedge
Drive
Lawn
6' Con. Walk

29

+58 C. Hedge 33
+47 ℄ drive
+32. FL 33.5
+37.5 drain 155-21 x 25
+24 - RR 19' C.M.

+09 T.P 22'
F.L. 35.5 S.L. 24

FL. 33' - S.L. 13 201

+60 Δ FL. 33'

+06 P.P 23'
FL. 36 - S.L. 16' 200

+82 ℄ drive
+72 ℄ drive
12" C.M.
+62 - S drain 20 x 31.5

FL. 27' S.L. 14'

+73 - T.P. 16

+29 - P.P. 22'

FL. 24' S.L. 13

FL. 35.5 - S.L. 17' 199

+71 - T.P. 23'

+77 - G.P. 20'

-34 + Fence 37

+NT Steel fence 30'

FL 29 - S.L. 18

S.L. 12 198

+74 G.P. 25'

+50

FL 36 - S.L. 26

S.L. 4 197

+42 @ 24 - 30'
+32 @ 20'
+23 @ 25'
12" C.M. + drain
+10 Col. V. 185
315'
Rd 2 196

+10 - 41' Col
FL. 47 Rd. 28

48.35'

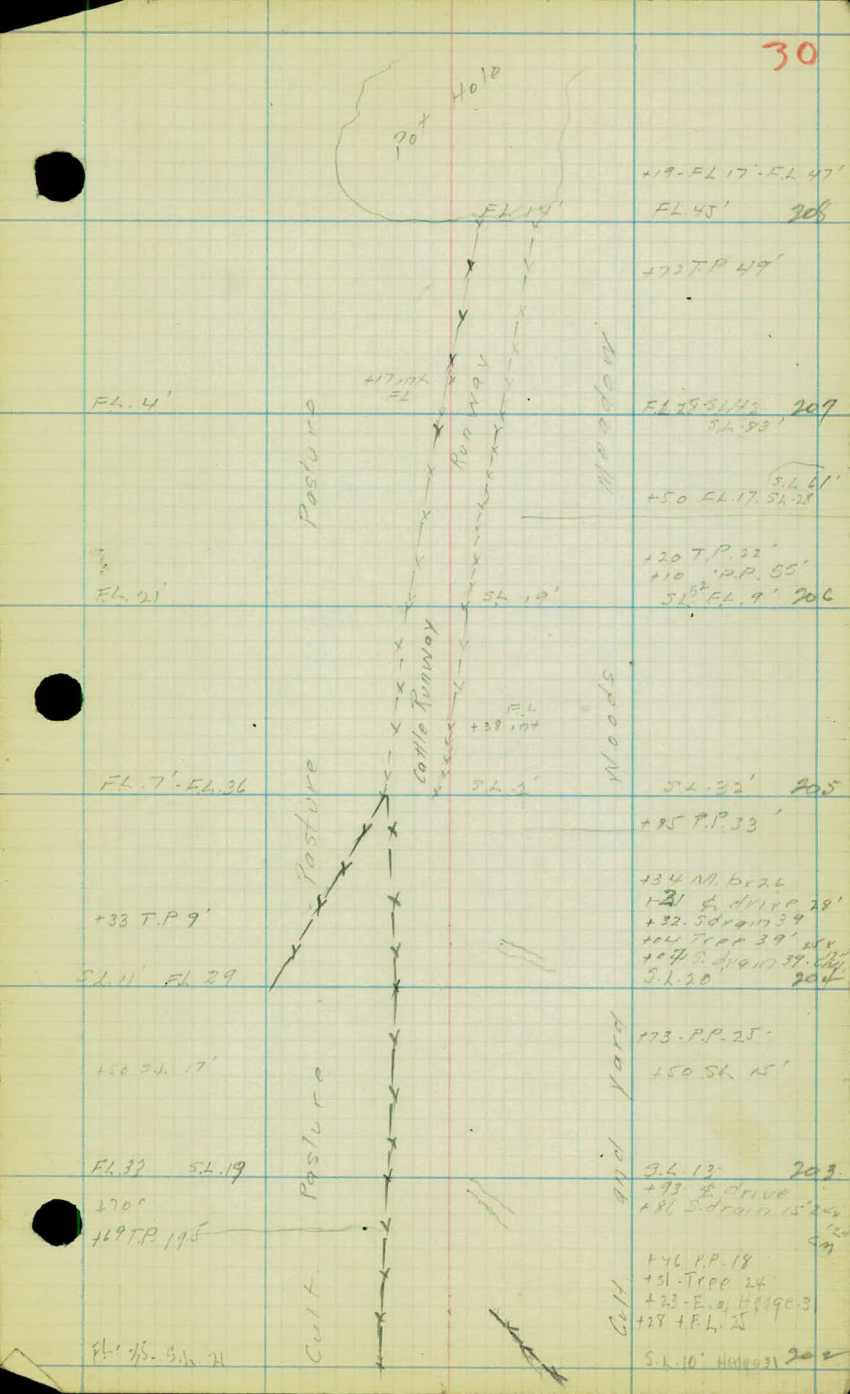
+40. 29

Pasture

Woods

+36 - E.F. 26

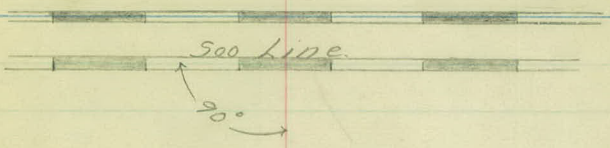
FL. 24 FL. 22 195


+10 12
?0
FL 14'
+19 - FL 17' - FL 47'
FL 45'
206
+72 T.P 47'
FL. 4'
+17 INT. FL
Pasture
Run Way
Meadow
FL 28 - SL 42'
SL 83'
207
S.L 61'
+50 FL 17. SL 28'
+20 T.P. 22'
+10 P.P. 55'
FL. 21'
SL 19'
SL 57' FL. 9'
206
Cattle Runway
+38 INT FL
Woods
FL. 7' - FL. 36'
SL. 3'
SL. 32'
205
+85 T.P. 33'
+34 M. bx 24
+21 S. drive 28'
+33 T.P 9'
+32. S drain 39'
+41 Tree 39'
+47 S. drain 39.
SL 11' FL 29
SL. 20'
204
Pasture
+73 - P.P. 25'
+50 SL 15'
+50 SL. 17'
FL 32' SL 19'
S.L. 13'
203
+93 S. drive
+81 S. drain 15'
+70'
+69 T.P. 19'
Pasture
Gulf
+46 P.P. 18'
+31 Tree 24'
+23 - E. of HH 90.3
+28 + F.L. 25'
FL 1' W.S. S.L. 21'
S.L. 10' HH 90.31
202
Gulf
Oil Yard

Proj # 26-62.
Line Revision from
Sta. 259+13.04 to Sta. 351+59

Crane
McIntyre
Bartholomew
Franke

Sta.	Point	Lt.	Rt.
267789.55	P.O.T.		
267774.00	P.O.T.		
			N. 10°-35' W.
262786.37	P.T.		
261700	P.I.		7°-28'
259713.04	P.C.		
	P.O.T.		
			N. 18°-03' W.



257+19.4

200 - 0°-52'

201 - 1°-52'

202 - 2°-52'

+86.57 - 3°-44'

Δ - 7°-28'

D. - 2° Pt.

T. - 184.96

L. - 373.33

R. - 2864.93

Sta. Point Lt. Rt.

278+17 13 P.O.T.

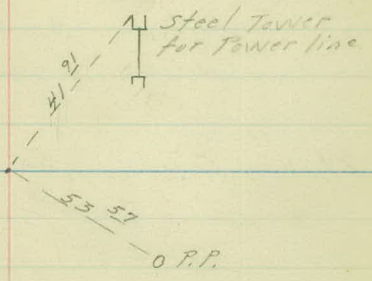
N. 49°-55' W.

277+90 33 P.T.

274+13 25 P.I. 39°-20'

270+03 57 P.C.

N. 10°-35' W.



270+03 57

271 - 2°-25'
272 - 4°-55'
273 - 7°-25'
274 - 9°-55'
275 - 12°-25'
276 - 14°-55'
277 - 17°-25'
+90 33 - 19°-40'

A - 39°-20'
D - 5° 1t.
T - 409 68
L - 786 46
R - 1146 38

Sta.	Point	Lt.	Rt.		
298+83	21 P.T.			N. 18°-50' E.	
292+92	35 P.I.		68°-45'	×	
291+24	65 P.O.S.T.				
285+08	21 P.C.			N. 49°-55' W.	

2/23/26

34

285+08.21

284 -2°-18'

287 -4°-48'

288 -7°-18'

P.O.C. 289 -9°-48'

290 -12°-18'

291 -14°-48'

292 -17°-18'

293 -19°-48'

294 -22°-18'

295 -24°-48'

296 -27°-18'

297 -29°-48'

298 -32°-18'

285.21 -34°-22.5'

A - 68°-45'

D. - 5°-Rt.

T. - 784.14

L. - 1375.00

R. - 1146.28

Sta.	Point	Lt.	Rt.
310+52.02	P.T.		
307+95.40	P.I.	26°-08'	
305+29.34	P.C.		
303+36.19	P.O.T.		

N. 7° 55' W.

181'

N. 18° - 50' E.

2/24/36

35

305+29.92

306 - 1°-46'

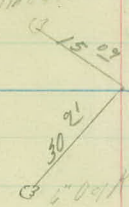
307 - 4°-16'

308 - 6°-46'

309 - 9°-16'

310 - 11°-46'

452.08 - 13°-04'



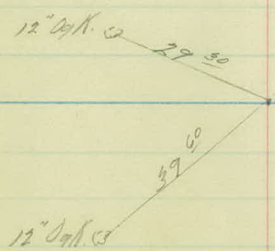
Δ - 36°-08

D. - 5°-~~44'~~ LT

T. - 266.04

L. - 522.66

R. - 1146.28



Sta	Point	Lt.	Rt.	
329+01.90	P.T.			N 60° 09' E Assumed Bearing
327+15.90	P.I.		7°-27	
325+29.40	P.C.			
318+60	T.O.T.			
312+43.90	P.O.T.			N. 72° 18' W

2/25/28

36

325+29.40

326 - 0°-42.4

327 - 1°-42.4

328 - 2°-42.4

329 - 3°-42.4

+01.90 - 3°-43.5

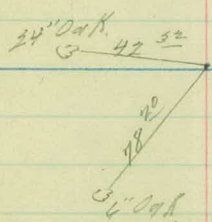
Δ - 7°27'

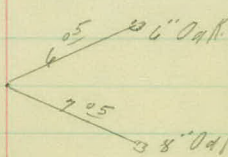
D - 2°-11'

T - 186.50

L - 372.50

R - 2864.93





Sta.	Point	Lt.	Rt.
374+11.92	P.O.T.		

TO ALIGN-12

Equa.

351+73.10 =	P.O.T.		
351+59.41 =			
351+40.45	P.T.		
347+70.60	P.I.	38°-31	
343+70.12	P.C.		
333+00	P.O.T.		

N 38°-22 W

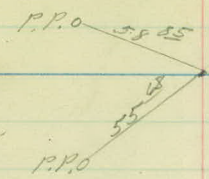
N 38°- 00 W

N 000°-00'E

N 360°-00'E

2/25/24

37



343+70 12

344 -0°-45'

345 -3°-15'

346 -5°-45'

347 -8°-15'

348 -10°-45'

349 -13°-15'

350 -15°-45'

351 -18°-15'

440 45 - 19°-15 E

A - 38°-51

D. - 5° Lt.

T. - 400 48

L. - 770 45

R. - 1146 48

Proj. #26-62
Center line levels and
X sections from Sta. 259+36 to
Sta 351+59.41.

FROM B-19

Sta.	+	H. I.	−	Rod	Elev.
B.M.	0.49	941.45		940.96	
T.P.	0.51	929.67	12.29	929.16	
T.P.	3.94	921.53	12.08	917.59	
259+34				6.5	915.0
+50				5.0	16.5
260				3.3	18.2
T.P.	4.51	924.32	1.72	919.81	
+50				2.8	21.5
+75				1.0	23.3
261				1.8	22.5
+60				4.8	19.5
262				8.7	15.4
T.P.	4.71	918.66	10.37	913.95	
+50				7.9	10.8
263				12.8	05.9
T.P.	1.07	908.01	11.72	906.94	
+45				5.5	02.5
264				4.3	03.7
+34				4.8	03.2

Spk. in 15"Oak 40' Lt. Sta. 254+85.

RT.

10.3 8.2 4.2 3.2
50 33 5.0 23 50
Above H.I.

11.5 4.7 1.4 +0.7
50 14 3.3 25 50
Above H.I.

13.6 9.3 4.7 +1.4 +4.4
50 35 15 2.8 32 50
Above H.I.

12.4 8.0 +3.2 +6.6
50 28 1.8 28 50
Above H.I.

14.5 12.0 6.0 1.6 +1.3
50 39 10 4.8 32 50
Above H.I.

17.3 14.2 11.9 3.3 +0.8
50 35 17 2.7 43 50
Above H.I.

18.7 13.0 7.9 6.0 1.3 +1.0
50 37 21 7.9 14 34 50

25.3 22.6 15.7 10.5 4.7
50 39 17 12.8 21 50
Above H.I.

17.7 14.8 10.5 1.5 +2.2
50 37 19 5.5 23 50

17.5 15.2 9.8 0.9 +1.4 +3.8 +5.1
50 39 19 4.3 20 31 41 50

18.2 15.8 7.4 0.8 +3.6
50 47 17 4.8 25 50

Sta	+	H.I.	−	Rod	Elev.
		908.01 ✓			
+69				7.9	900.1
T.P.	0.46	896.26 ✓	12.21	895.80 ✓	
265				3.8	892.5
+20				8.7	87.4
+56	Edge of Road			10.8	85.5
266				10.8	85.5
+75	Edge of Road			10.8	85.5
267				10.2	86.1
+25				6.7	89.6
T.P.	12.93	908.73 ✓	0.46	895.80 ✓	
T.P.	12.32	920.89 ✓	0.14	908.57 ✓	
+64 ✓				5.0	915.9
+71.65	Top of Rail			4.08	16.81
+76.85	Top of Rail			4.04	16.85
+87.0	Top of Rail			3.89	17.00
+91.7	Top of Rail			3.89	17.08

Lt. Rt.

10.7 10.2 11.8 4.9 2.2
65 50 18 7.9 20 50
Edge of Pond

Top of Ice 10.9 10.6 9.4 6.3 1.5 +4.1 +5.5
50 42 24 10 3.8 8 31 50
Edge of Lake

Top of Ice 10.8 3.6 +2.8 +3.4
18 8.7 17 35 50
On Ice.

10.8 10.2 7.6 4.8
50 10.8 23 35 50
Edge of Pond

On Ice
10.8 10.8 9.9 7.7 4.0
50 10.8 19 39 47 60

10.7 7.0 6.1
50 10.2 41 50

7.3 6.4 6.7 3.8
50 35 23 50

5.0 4.5
50 5.0 50

4.70 4.42 4.24 3.83 3.57 3.75
200 100 50 4.08 50 100 200

4.67 4.36 4.21 3.79 3.55 3.74
200 100 50 4.04 50 100 200

4.69 4.39 4.14 3.55 3.27 2.52
200 100 50 3.89 50 100 200

4.70 4.38 4.18 3.57 3.27 2.54
200 100 50 3.89 50 100 200

Sta.	+	H. I.	−	Rod.	Elev.
		920.89			
268				5.5	915.4
T.P.	0.62	909.78	11.73	909.16	
T.P.	0.46	878.23	12.01	877.77	
T.P.	9.01	875.11	12.13	866.10	
+35				6.7	88.4
+50				10.4	87.7
B.M.				3.70	871.41
269				11.8	83.3
+50				10.1	85.0
270				7.1	86.0
+50				8.4	86.7
271				10.5	84.6
+29				12.3	82.8
272				8.5	86.6
+54				0.2	94.9
T.P.	9.44	900.80	3.75	891.36	
273				6.4	894.4

17.				18.		
5.5				4.9		
50		5.5		50		
6.6				4.7		
50		6.7		50		
8.7				8.9		
50		10.4		50		

Spk. in 24" Oak 150' N. Sta. 268+72.

9.9	11.2			11.6	11.9	
50	24	11.8		28	50	
6.1	8.3			11.9	12.0	
50	28	10.1		18	50	
3.9	4.6			11.7	12.1	
50	28	9.1		28	50	
0.9	2.1	6.2		10.1	12.4	
50	44	14	8.4	24	50	
4.6	6.9	9.4		11.7	12.0	11.7
50	37	7	10.5	24	41	50
7.1	8.8	11.1		12.8	12.9	
50	40	5.	12.3	33	50	
2.3	5.4			10.3	10.7	
50	28	8.5		32	50	
Above H.I.						
+5.8	+3.1			4.9	7.9	
50	28	0.2		35	50	
Above H.I.						
+2.6	00			8.6	9.6	9.9
50	30	6.4		14	24	50

Sta.	+	H.I.	−	Rod.	Elev
		900.80			
+38				7.0	893.8
+75				4.3	896.5
274				6.5	94.3
T.P.	0.85	892.00	9.65	891.15	
+50				5.3	86.7
275				10.8	81.2
+50				12.8	79.2
276				12.7	79.3
276 +34	24			11.9	80.1
T.P.	1.15	892.38	0.77	891.23	
T.P.	1.70	885.01	7.07	883.31	
B.M.	3.73	886.18	2.57	882.44	882.45
T.P.	9.98	895.52	0.64	885.54	
T.P.	11.40	898.20	8.72	886.80	
277				85.9	
+50				91.4	
278				95.9	

2/28/26

42

Lt.				Rt.		
1.5/50	2.1/33	4.3/17	7.0	9.0/20	8.8/38	8.0/50
4.5/50	3.3/20		4.3	7.5/34	7.0/50	
7.6/50	6.8/35		4.5	7.7/27	6.7/50	
10.3/50	10.9/27		10.8	10.6/27	10.3/50	
12.7/50	12.9/27		12.8	12.8/27	12.8/50	
12.5/50	12.7/32		12.7	12.9/24	12.8/50	
11.6/50	11.8/25		11.9	12.1/27	12.6/50	

Spking Twin Oak 38'Lt. 281+07

~~Spk in Twin Oaks 50' Lt Sta 281+50~~

W.H.C.
A.L.R.
M.B. 2-26-26
H.B.

12.9/50	12.6/30	12.3	14.2/56	15.1/50
8.3/50	7.0/23	6.8	9.3/33	10.0/50
1.0/50	2.1/25	2.3	3.3/31	5.1/50

Sta	+	H.I	−	Elev.
		898.20 ✓		
278+40				91.1
T.P	1.80	892.26 ✓	7.74	890.46 ✓
279				89.5
+50				82.9
280				80.0
T.P.	3.61	883.28 ✓	12.59	879.67 ✓
281				78.7
	0.83	883.28 ✓	0.83	882.45 ✓
281+50				79.8
282+00				80.1
283+00				78.7
284+00				77.0
285				76.0
+03	Rt + Both Ditch		3' Wide.	74.9
286				77.0
287				77.9
T.P.	11.34	890.18 ✓	4.44	878.84 ✓

	Lt.		Ł		Rt.	
+0.5 / 9.8 / 9.0	0.0 / 1.2	1.0 / 27	1.1		2.1 / 31	1.7 / 5.0
0.5 / 5.0		2.6 / 22	2.8		3.6 / 29	4.1 / 5.0
6.3 / 5.0		8.7 / 24	9.4		10.0 / 32	10.7 / 5.0
8.9 / 5.0		11.2 / 23	1 2.3		13.3 / 32	13.6 / 5.0
1.7 / 5.0		3.8 / 22	4.6			5.4 / 5.0

Opt. in Twin Oak 33' Lt. 281+27

0.5 / 5.0		2.4 / 25	3.5			5.2 / 5.0
0.1 / 5.0		1.9 / 25	2.7		4.3 / 28	5.0 / 5.0
1.7 / 5.0		3.3 / 23	4.6		5.7 / 29	6.3 / 5.0
4.7 / 5.0		5.5 / 24	6.3		7.2 / 35	6.8 / 5.0	21 / 68	83 / 71 = Lt Box Ditch
6.9 / 5.0		7.2 / 30	7.3		6.6 / 28	6.8 / 5.0
			2.4			
Lt Box Ditch						
8.2 / 32	6.8 / 68	6.8 / 5.0	6.7 / 33	6.3	5.9 / 25	6.0 / 5.0
6.7 / 5.0		6.3 / 28	5.4		4.8 / 28	4.3 / 5.0

Sta.	+	H.I.	−	Elev.
		890.18 ✓		
288				77.0
+50				79.5
289				81.4
+34				83.2
290				81.3
+50				79.9
291				78.4
292				77.5
T.P.	6.89	885.27 ✓	11.80	878.38 ✓
293				77.1
294				77.7
+50				79.5
B.M.	2.57	885.24 ✓	2.60	882.67 ✓
295				82.2

Lt.	℄	Rt.
13.6 / 50	13.4 / 20	13.2	12.6 / 33	12.8 / 50
11.4 / 50	10.8 / 23	10.7	10.9 / 30	11.4 / 50
8.9 / 50	8.8 / 25	8.8	8.8 / 29	9.3 / 50
6.7 / 50	6.1 / 27	7.0	8.7 / 30	9.5 / 50
3.9 / 50	6.3 / 26	8.9	10.4 / 30	12.1 / 50
7.5 / 50	8.9 / 18	10.3	11.3 / 24	12.5 / 50
9.3 / 50	10.9 / 27	11.8	12.1 / 25	12.6 / 50
12.2 / 50	12.4 / 27	12.7	13.5 / 30	13.6 / 50
7.8 / 50	8.7 / 22	8.2	8.7 / 23	8.8 / 50
6.9 / 50	7.3 / 22	7.6	8.1 / 27	8.5 / 50
5.0 / 50	5.2 / 22	5.8	6.6 / 35	7.2 / 50

1 R.R. Spike 8" Oak 50' Lt. Sta. 2944 75

0.0 / 50	1.3 / 29	3.0	4.6 / 25	5.7 / 50

Station	+	H.I	−	Elev.
		885.24		
295+15				83.2
+55				94.8
296+00				94.8
T.P.	11.95	894.78	2.41	882.83
295+15				83.2
T.P.	5.00	899.57	0.21	894.57
295+55				94.8
296+00				94.8
+45				93.8
297+00				88.5
T.P.	2.65	891.44	10.78	888.79
+35				85.8
298+00				83.9
+50				81.6
299				79.2
T.P.	4.80	885.03	11.21	880.23

Lt.		Rt.		
cont'd	2.0	3.5/28	5.5/50	
+9.6 cont'd		13/32	4.0/50	
+9.6 cont'd			1.7/50	
5.4/50	7.5/29	11.6		
2.8/50	3.0/36	4.8		
3.9/50	4.6/28	4.8	5.2/25	
5.5/50	5.6/30	5.8	2.1/29	5.6/39 12.0/50
8.2/50	9.3/27	11.1	12.4/30	14.9/50
2.7/50	3.4/32	5.6	7.0/25	8.7/50
4.5/50	5.3/27	7.5	9.4/26	11.0/50
8.1/50	9.5/25	9.8	11.5/28	12.5/50
10.9/50	11.9/24	12.2	14.0/35	13.9/50

Station	+	H.I	−	Elev.
		885.03 ✓		
300				77.8
301				78.8
+50				80.9
+80				83.2
302+00				86.2
+38				89.1
303				89.0
+36				87.4
T.P.	11.77	894.62 ✓	2.18	882.85 ✓
T. P.	9.30	902.93 ✓	0.99	893.63 ✓
301+80				83.7
302+00				86.2
+38				89.1
303+00				89.0
T.P.	1.23	894.86 ✓	9.30	893.63 ✓

24.	8	24
6.7/50 2.1/30	7.2	7.9/25 8.6/50
5.7/50 5.7/23	6.2	7.6/29 8.2/50
+0.9/50 0.2/33 2.1/19	4.1	6.8/30 7.6/50
contd 0.0/6	1.8	4.5/17 7.2/50
+1.2 contd	3.0/9	4.8/21 7.4/50
-4.1 contd	0.0/7	3.7/18 6.2/35 7.2/50
-4.0 contd	3.3/16	6.0/36 7.4/50
-2.4 contd	2.0/11	6.0/31 7.5/50
2.0/50 8.6/51	(19.7)	
+1.2 9/64.1/50	1.3/37 10.0/75	16.7
1.2/50 3.9/35	7.8/12 10.1/5	13.8
7.4/50	9.4/32 11.1/5	13.9

Sta	+	H.I	−	Elev.
		894.86 ✓		
303+36				87.4
303+70				85.0
304+00				84.5
+50				81.0
305+00				78.9
B.M.	0.52	884.82 ✓	10.56	884.30 ✓
303+70				85.0
304				84.5
+50				81.0
305				78.9
+50				78.4
306				77.8
+50				78.3
307+00				80.3

Lt - ℄ Rt.

2.6/50 4.2/28 5.5/6 7.5

3.5/50 4.5/28 6.4/11 7.9

3.0/50 6.1/13 10.4

4.7/50 5.5/30 13.9

4.4/50 7.4/26 16.0

R.R. Spike in 16' Oak 20'27 Stg 304+83

+0.2 6.0/22 7.0/50

0.3 4.6 6.0/16 20 7.2/50

3.8 4.7/10 6.7/20 7.5/50

5.9 7.2/27 7.8/50

41.5 & 46.3/50 6.5/16 7.9/37 5.0/16 6.4 7.3/26 8.0/50

6.0/50 2.3/24 5.5/18 7.0 7.8/30 8.1/50

45.1 & 40.3/50 9.0/39 3.0/32 4.8/14 4.5 7.3/27 8.0/50

Above ℄ Elev.

40.9/61 48.9/53 46.8/58 7.5/16 4.8 5.9/7 7.0/26 7.4/50

Sta	+	HI	−	Elev	
		884.82 ✓			
307+28				81.5	
+73				92.0	
308				95.0	
308+50				96.0	
T.P.	11.97	893.68 ✓	3.13	881.69 ✓	
T.P.	10.56	903.28 ✓	0.96	892.72 ✓	
307+73				11.3	92.0
308				8.3	95.0
+50				7.3	96.0
+75				6.8	97.1
309				5.8	97.5
+50				7.0	96.3
310				9.7	93.6
+50				11.4	91.9
311				13.0	90.3
+50				13.4	89.9
312				12.4	90.9
+24				11.4	91.7

Lt. E Rt.

Above E. Elev

+2.76 +2.33 +1.60 +7.72 1.11 2.3 4.8 6.1 7.1
70 49 34 18 6 15 23 10

-7.7 3.2 4.9 5.9 6.6
19 31 34 50

-10.2 3.0 4.7 5.6
31 47 50

-11.2 1.0
50

Nail in 12"oak 70'Rt. Sta. 3+08+50

Above H.I.

+8.0 +3.4 5.7
75 45 20 11.3

Above H.I.

+8.7 +7.2 1.2 10.2
76 58 26 8.3 7

Above H.I.

+11.0 +7.2 2.0 10.7 13.7
81 63 23 7.3 15 31

Above H.I.

+10.6 +7.7 1.2 12.2 14.6 20.5
88 68 25 5.8 34 50 80

0.6 5.4 13.2 17.2 19.7
54 38 9.7 23 48 61

2.0 7.8 13.3 19.6 21.9
55 25 11.4 12 36 62

2.2 8.6 20.5 21.6
55 43 13.0 30 50

Above H.I.

+6.0 3.5 20.1 22.1
60 34 12.4 20 50

Sta.	+	H.I. 903.28	−	Rod.	Elev.
+44				9.1	894.2
+53				10.2	93.1
+64				12.4	90.9
T.P.	2.38	893.41	12.25	891.03	
T.P.	3.61	885.48	11.54	881.87	
+90				2.8	82.7
313				3.7	82.1
+45				4.4	81.1
314				6.9	78.6
+50				7.0	77.5
315				8.7	76.8
	7.04	885.94	6.40	878.88	
316				8.2	77.7
	4.43	885.94	4.43	881.51	881.53
317				7.6	78.3
318				7.3	78.6
+75				6.3	79.6
319				5.6	80.4

2/26/26
#9

Lt. Rt.

Above H.I.

+10.8 +11.3 10.2 10.3 10.2
60 54 18 54

Above H.I.

+31.4 +26.4 +18.4 +12.2 +8.7 5.4 5.9
85 68 55 40 30 2.8 40 50

+14.1 +10.0 +3.4 0.3 5.2 6.2
54 47 30 14 3.4 24 50

2.2 2.7 3.4 5.0 6.0 7.2
30 48 14 4.4 15 24 50

5.4 6.2 8.2 8.7
50 35 6.9 34 50

8.90 (Top of 5.9°C) S/Lev. of Valentine Lake 2/24/26
7.5 8.2 9.0 9.0 8.7 Top of Ice
50 30 8.7 24 50

7.3 7.6 9.3 9.4
50 27 8.4 32 50

Spk. 12" Oak 75' Lt. Sta. 316 + 75
6.2 7.3 8.5 9.2
50 35 7.6 40 50

5.3 6.5 7.7 8.0
50 28 7.3 28 50

3.3 5.1 7.3 7.5
50 18 6.3 25 50

Above H.I.
+0.3 2.1 3.3 4.7 7.0 7.1
50 40 32 20 5.4 25 50

Sta.	+	H.I.	−	Rod.	Elev.
		885.96			
+50				5.3	80.7
320				5.4	80.4
321				4.8	79.2
+50				5.7	80.3
322				4.5	81.5
T.P.	4.93	887.22	3.67	882.27	
+50				5.1	82.1
323				6.7	80.5
+52				9.3	77.9
+53	Bottom of pitch			10.7	76.5
+55				10.7	76.5
+56				9.1	78.1
324				8.8	78.4
T.P.	4.86	888.55	3.53	883.69	
+54				8.9	79.7
+64	Farm Rd.			5.2	83.4
325				2.2	86.4
T.P.	11.82	900.04	0.33	888.22	

3/26/36

50

Above H.S.

+1.0 / 50	1.0 / 35	2.6 / 18	3.3	6.4 / 25	7.4 / 50
0.0 / 50	2.9 / 37	5.6		6.8 / 28	7.7 / 50
3.1 / 50	5.9 / 17	6.8		7.6 / 22	7.9 / 50
3.6 / 50	4.9 / 28	5.7		6.8 / 32	7.2 / 50
4.4 / 50	4.8 / 22	4.5		4.6 / 30	5.5 / 50
6.6 / 50	6.1 / 30	5.1		5.7 / 29	6.9 / 50
8.2 / 50	7.4 / 27	6.7		6.8 / 30	7.8 / 50
11.0 / 50	Bottom of Pitch			10.5 / 50	
8.7 / 50	8.7 / 30	8.8		8.3 / 25	7.1 / 50
8.5 / 50	8.3 / 30	8.9		8.5 / 30	7.7 / 50
6.4 / 100	6.1 / 50	5.4		4.8 / 50	4.2 / 100
1.9 / 30	1.6 / 45	1.2		2.2 / 26	2.8 / 51

Sta.	+	H.I.	−	Rod	Elev.
		900.04			
+55				3.7	96.3
324				0.5	900.0
	8.29	908.17	0.14	899.88	
+30				5.4	02.8
B.M.			4.42	903.75	903.76
T.P.	9.38	917.34	0.19	907.98	
+75				6.3	11.1
327				4.1	13.3
+45				2.8	14.6
328				6.5	10.9
+50				10.4	01.0
+75				10.4	06.8
T.P.	1.59	908.41	10.54	906.82	
329				5.0	03.4
+50				5.1	03.3
330				7.8	00.6

Lt. Rt.

2.9	3.1			4.3	8.4	
50	37	3.7		15	50	
1.0	1.3			0.5	3.0	
50	14	0.5		25	50	
7.9	7.9	6.6		4.9	6.6	8.2
50	40	15	5.4	20	42	50

Spk in 15" Box Elder 250' Lt. Sta. 326+50.

11.7	9.8			5.7	7.2	11.5
50	30	6.3		15	33	50
8.3	6.6			3.7	6.3	10.8
50	27	4.1		25	38	50
2.6	1.8			4.2	11.1	
50	20	2.8		15	50	
Above H.I.						
+1.2	0.0	2.7		10.8	13.1	
50	38	19	6.5	24	50	
4.4	7.7			12.6	14.6	
50	24	10.4		24	50	
4.3	5.4	9.6		12.1	15.4	
50	37	12	10.6	38	50	
Above H.I.						
+2.8	+2.2	2.4		6.9	9.6	
50	34	14	5.0	16	50	
Above H.I.						
+3.0	+2.0	0.0	1.3	9.9	13.7	
50	40	30	23	25	50	
+0.8	0.0	4.1		12.5	16.9	
50	40	30	7.8	30	50	

Sta.	+	H.I.	−	Red.	Elev
		908.41			
+40				12.2	896.2
+80				13.0	95.4
331				11.4	897.0
+50				7.9	900.5
332				7.5	00.9
+30				6.2	02.2
+85				2.1	06.3
333				2.5	05.9
T.P.	2.56	908.47	10.50	897.91	
+45				1.2	900.4
+75				4.4	894.1
334				8.6	91.9
T.P.	2.55	892.70	10.32	890.15	
+60				4.3	88.4
335				4.7	88.0
+12				4.8	87.9
+38				6.8	85.9
+70				8.0	84.7

Lt

4.5	4.9	9.4		14.6	17.2
50	41	32	12.2	25	50

Rt

4.6	7.0	11.3		15.0	17.9
50	38	20	13.0	25	50

5.3	9.1	10.5		13.0	19.1
50	40	16	11.4	20	50

3.3	6.6	7.9		7.2	8.6	11.4
50	41	30	7.9	15	32	50

4.0	7.4		6.7	3.5	
50	27	7.5	16	50	

Above H.I.

1.6	1.8	2.4		1.4	+2.3	+2.3
50	37	25	2.1	7	45	50

Above H.I.

1.7	2.3			1.7	+0.2	+0.2
50	25	2.5		15	38	50

Above H.I.

+3.2	+1.2		1.8	2.1	
50	39	1.4	30	50	

Above H.I.

+4.5	+3.8	+1.8	4.0		9.0	7.5
50	10	39	12	6.4	24	50

Above H.I.

+3.6	+2.6	+0.5	3.0		10.1	10.8	11.4
50	42	40	25	8.6	12	21	50

1.9	1.4	1.9		5.0	4.5	5.4
50	38	15	4.3	23	42	50

Bottom of pitch

4.8	4.9			5.0	5.7	6.9		11.9
50	32	4.7		20	25	50		90

Bottom of pitch

5.6	5.9			7.5	11.0	11.0	7.3	6.5
50	30	6.8		29	32	35	40	50

Sta.	+	H.I.	−	Rod.	Elev.
		892.70			
336				5.5	84.2
337				8.9	83.8
338				8.9	83.8
	8.93	893.17.	8.46	884.24.	
+50				9.5	83.7
339				9.2	84.0
340				8.0	85.2
341				5.8	87.4
+35				4.8	88.4
+38	Datum of Ditch			6.5	86.7
+44				6.5	86.7
+47				4.8	88.4
342				3.2	90.0
	10.17	900.41.	1.93	890.24.	
B.M.	4.62	900.29.	4.71	895.70.	895.67
+15				9.4	90.7
+20				8.1	92.2
+50				8.1	92.2
+75				5.2	95.1

Lt.

Rt.
Bottom of Pitch

80	83		88	96	10.6	10.6	9.4
50	25	8.5	20	50	52	55	58

Bottom of Pitch

8.7	8.7		9.0	8.8	10.6	10.6	8.8
50	30	8.9	23	44	46	49	51

8.9	9.0		9.0	9.3
50	20	8.9	30	50

7.7	8.7		9.5	9.4
50	25	9.2	30	50

5.6	7.1		8.9	9.2
50	25	8.0	25	50

Bottom of Pitch

2.7	4.4		4.1	8.9	8.9	6.2	6.2
30	30	5.8	21	23	29	32	50

2.2	5.3	3.5	1.2	0.9
50	43	30	31	50

Spk in F.Cor. 81 Lt. Sta 5+27+15'

9.4	9.5	8.9	6.0	4.0	
50	30	23	28	50	8.1

9.0	9.0	9.5	5.4	3.3	
50	32	29	32	50	8.1

8.9	8.3	7.5	1.0	2.9	1.8	
50	35	37	14	30	50	5.2

Sta.	+	H.I.	−	Rod.	Elev
		900.27			
343				5.2	95.1
+25				6.2	94.1
+70				7.1	93.2
344				7.0	93.3
+30				6.9	93.4
+40				7.2	93.1
345				7.2	93.1
+35				4.4	95.9
+50				6.2	94.1
+70				6.7	93.6
346				5.3	95.0
+50				1.2	99.1
T.P.	12.71	911.87	1.13	899.16	
347				2.1	909.8
T.P.	11.79	922.75	0.91	910.96	
+25				6.9	15.9
+38				5.5	17.3
+75				2.9	19.8

3/2/24

54

LH					RH			
8.8/30	7.9/34	9.0/34	6.9/15	5.7	2.5/25	1.5/50		
8.6/50	7.8/32	9.1/30	7.2/14	6.7	3.5/23	1.1/50		
8.4/50	7.6/21	7.1/19		7.1	6.1/30	5.3/50		
7.9/50	7.6/13	6.9/4		7.0	6.6/35	5.7/50		
5.3/50	6.2/32	6.9/18		7.2	6.8/10	5.2/30	3.2/50	
1.7/50	4.2/44	4.9/37	3.4/30	4.4	6.8/14	7.2/21	6.7/27	5.1/50
1.7/50	4.0/40	5.6/15		6.2	6.8/18	6.7/25	5.8/50	
Above H.I.								
+4.4/50	1.2/30	3.5/15		5.3	6.3/23	6.4/45	6.0/50	
Above H.I.								
+15.0/60	+15.0/50	+12.1/15	+7.8/33	+3.6/15	+0.3/9	1.2	4.0/43	4.7/50
+6.0/30	+6.1/34	+4.3/32	+2.2/23	2.1	4.6/16	5.8/42	5.8/50	
3.2/30	2.1/25	3.1/16		5.5	8.2/22	10.3/50		
8.3/30	2.6/19	3.0/12		2.7	3.1/15	4.8/32	5.8/50	

Sta.	+	H.I.	−	Rod.	Elev.
		922.75			
348				5.9	16.9
+37				11.9	10.9
+53				12.7	10.1
+83				12.2	10.6
349					11.3
+50				7.2	15.6
350				2.5	20.3
T.P.	2.98	923.27	2.46	920.29	
+40				2.2	21.1
+45				4.2	19.1
351				7.3	14.0
Eq. Sta. 351 +59 41 = 351 +73 25				10.5	12.8
T.P.	4.21	922.08	5.40	917.87	
T.P.	10.23	927.20	5.11	916.97	
B.M.			9.37	917.83	917.85

TO - B 40

3/2/26

55

Lt. Rt

12.2/50	12.0/42	5.9/2	5.9			4.0/20	4.0/50		
		16.0/50	13.7/22	12.7		11.8/10	10.3/14	9.3/50	
14.3/50	12.6/33	11.8/25	11.7/9	11.3		10.6/9	10.5/25	9.7/38	9.8/50
		5.4/50	2.6/25	2.5		4.8/20	4.6/50		
5.9/50	4.0/35	2.6/16	2.2			2.9/10	3.6/24	3.2/40	3.8/50
		12.2/50	10.9/20	9.3		6.4/15	3.9/33	4.1/50	
11.0/50	11.3/30	11.4/4	10.5			10.2/20	10.1/50		

Spk in T.P. 60' Lt. Sta. 374+25.

Proj #26-62

Art. Topog. from
Sta 260+00 to Sta. 352+00.

264

263

262

241

240

259

Woods

Woods

270

269

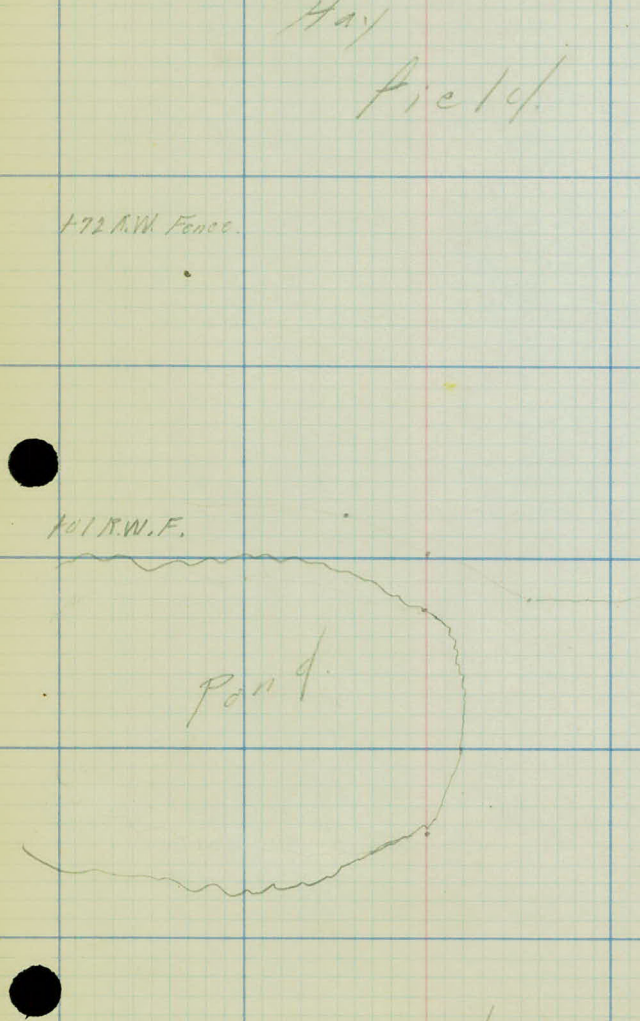
268

267

266

265

264


Hay
Field
172 R.W. Fence
101 R.W.F.
Pond
Woods

277

276

275

274

273

272

271

270

Cultivated field

Hay

field.

Hay

field

283

282

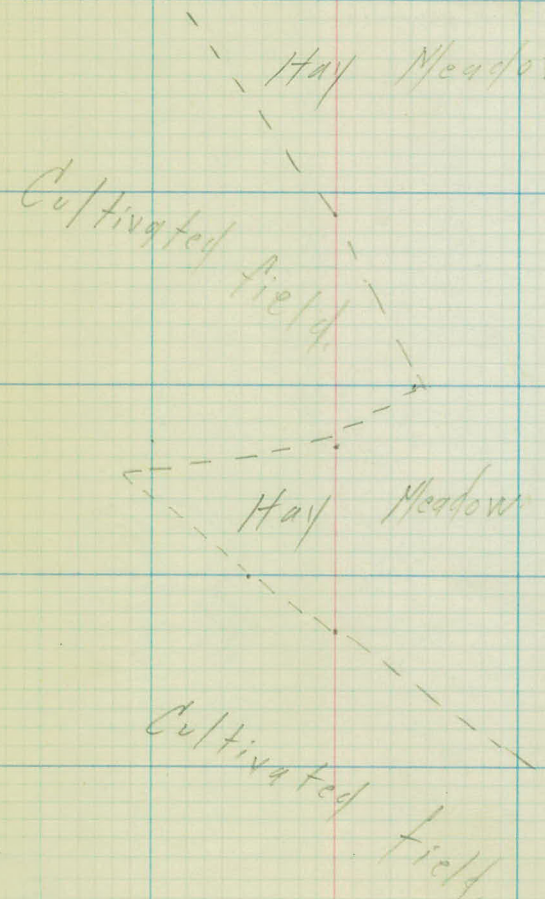
281

280

279

~~278~~

278
277



#68 Steel Tower for Power line 56

#61 P.P. 54

#54 High Power Line Overhead

#45 Power line Trail

289

288

287

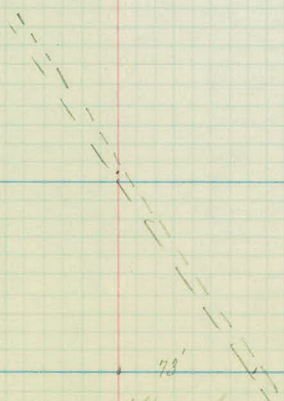
286

285

284

283

Hay Meadow



Hay Meadow

195

194

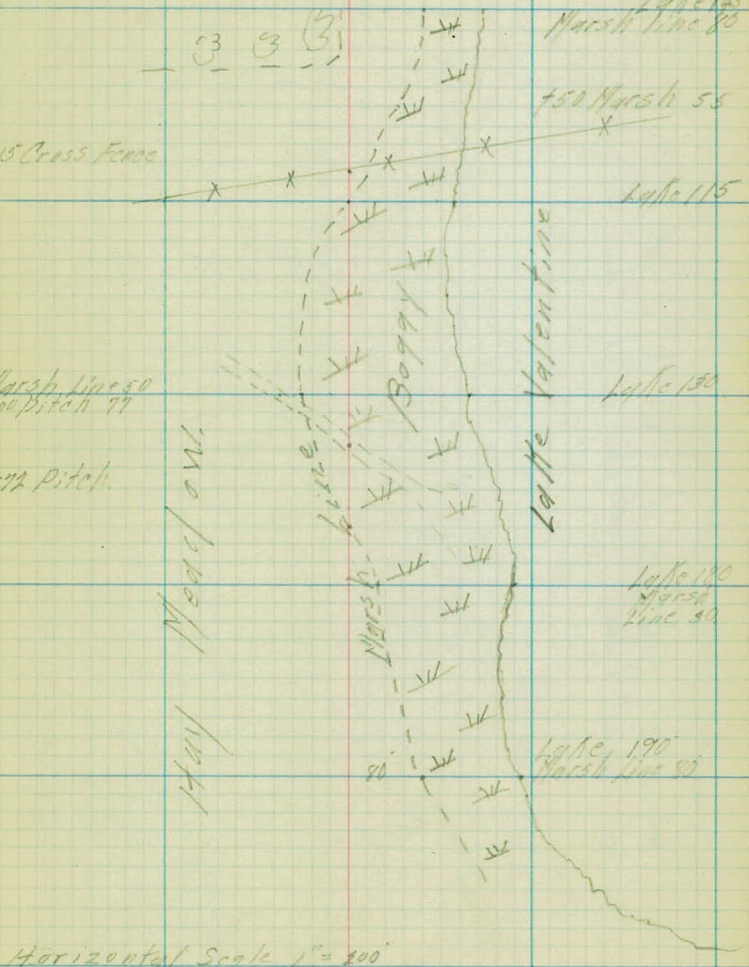
193

192

191

190

189


Marsh Line 80
+50 Marsh 55
+15 Cross Fence
Lathe 115
Marsh Line 50
+00 Ditch 99
+72 Ditch
Lathe 130
Marsh
Line 90
Lathe 190
Marsh Line 85
Marsh
Marsh
Lathe Valentine
Horizontal Scale 1" = 200'

301

300

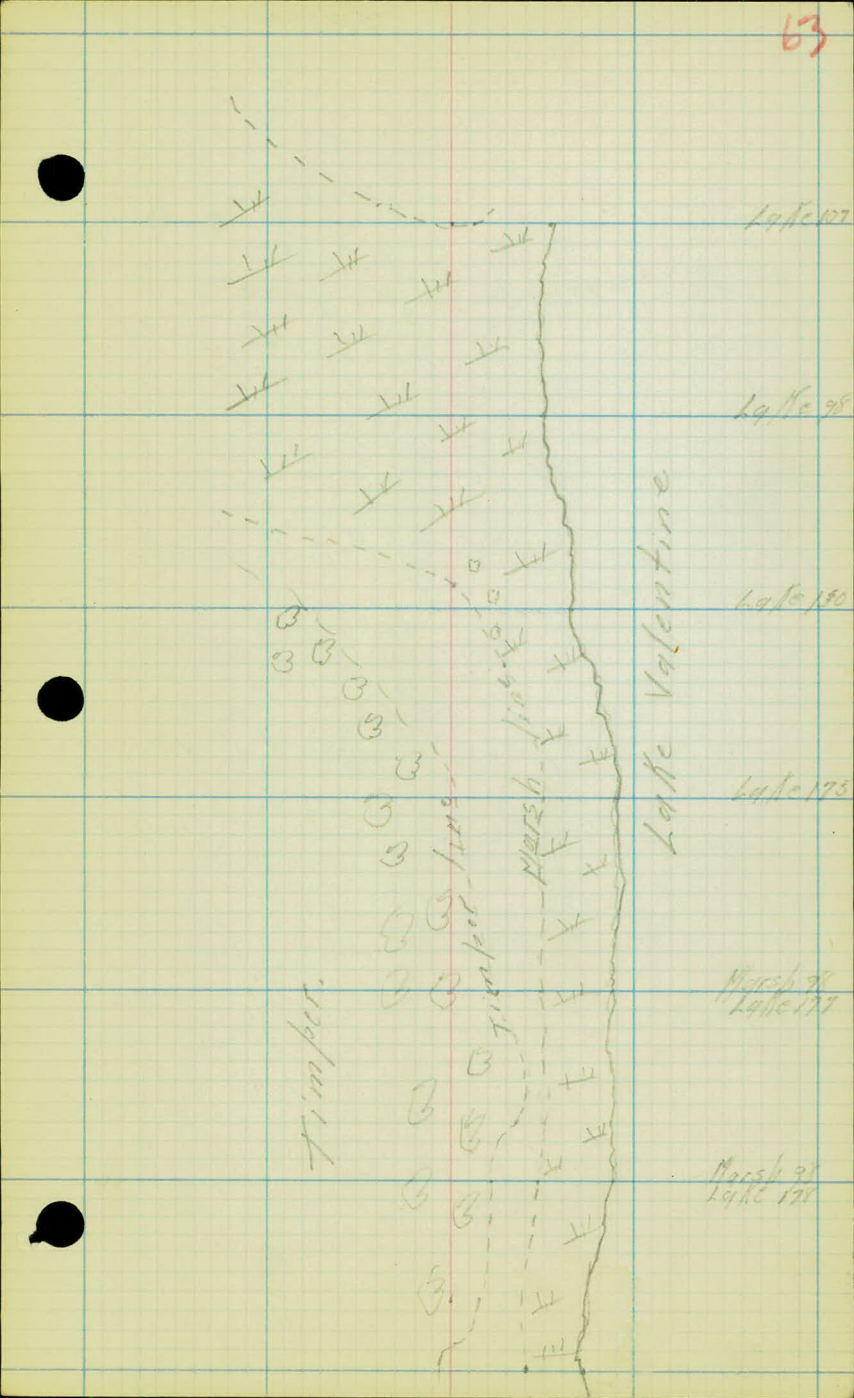
299

298

297

296

295


Lake 177
Lg Ke 98
Lake 180
Lake 173
Marsh 97
Lake 177
Marsh 97
Lake 178
Lake Valentine
Marsh-Lake
Timber
Timber-Lake
Timber.

307

306

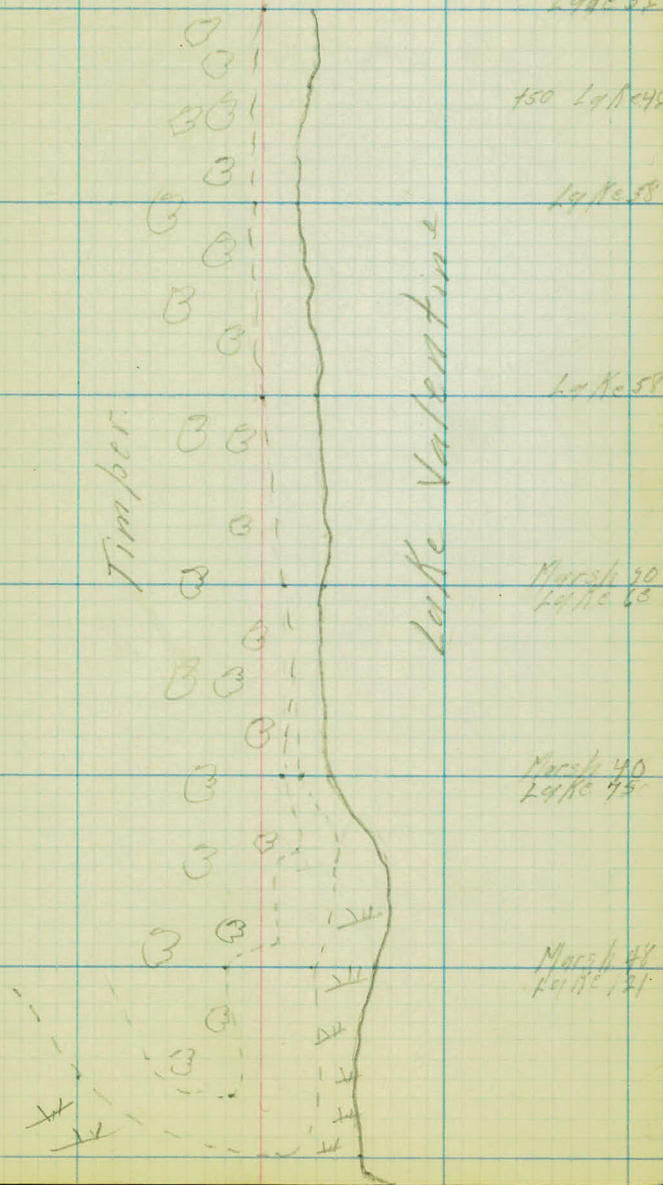
305

304

303

302

301


Lake Va
150 La
La
La
La
March
La
March
La
March
La
Timber.
Lake Valkenburg

313

312

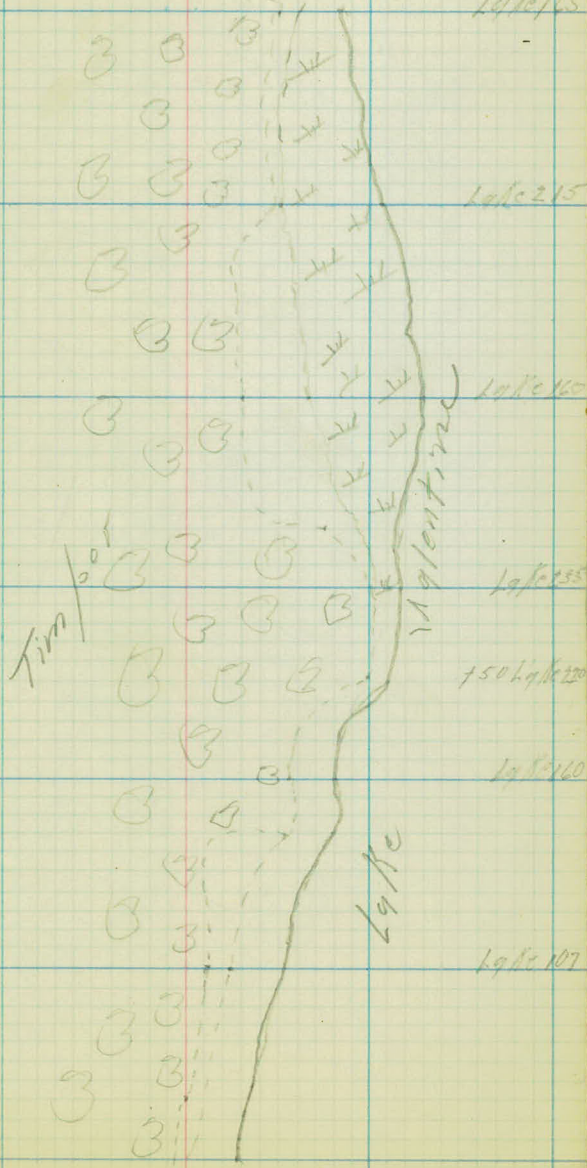
311

310

309

308

307


Lake 145
Lake 215
Lake 165
Lake 235
150 Lake 220
Lake 260
Lake 107
Tim
Valentine
Lake

319

318

317

316

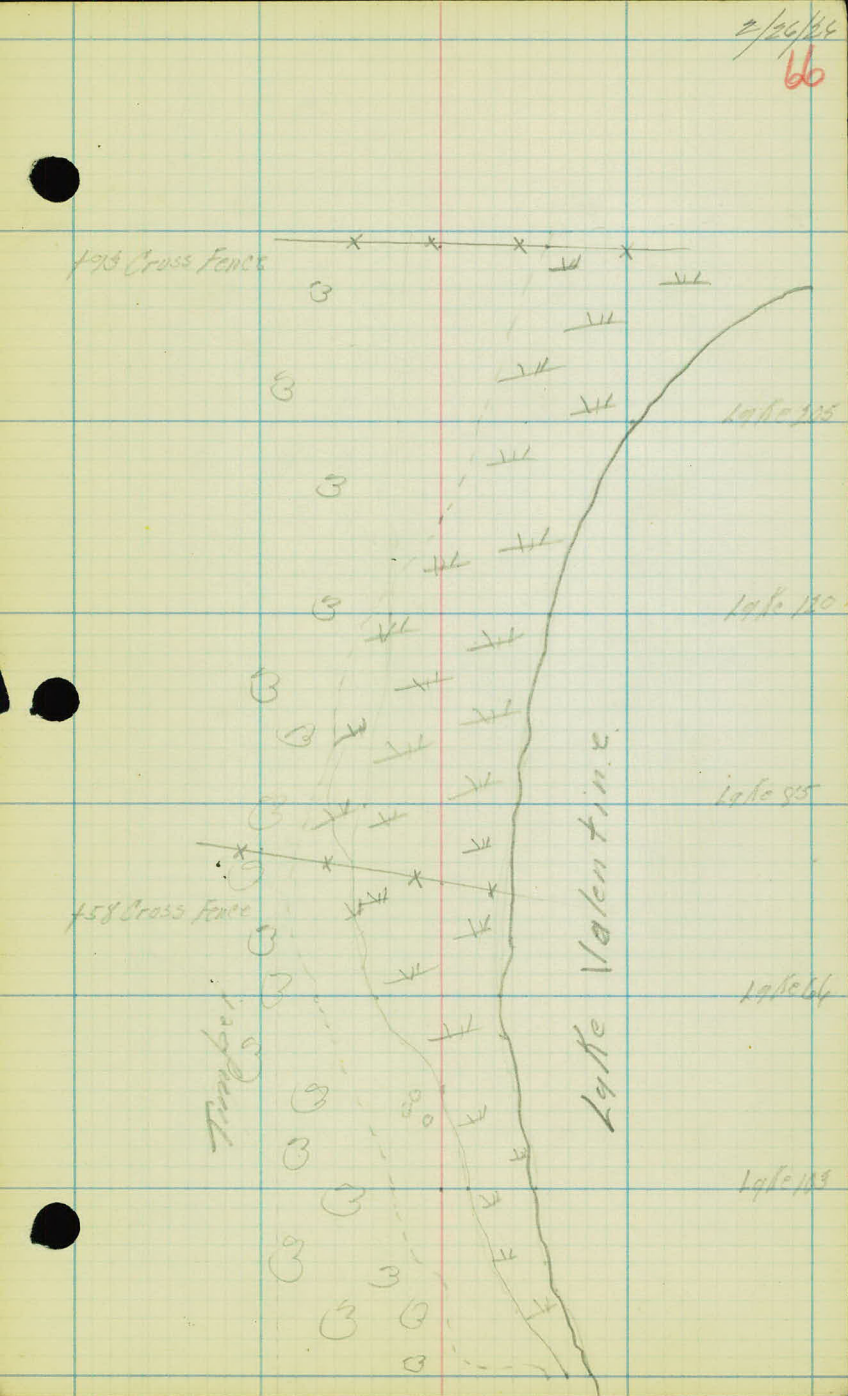
315

314

313

2/26/24

66


1918 Cross Fence
Lake 135
Lake 130
Lake 125
Lake Valentine
458 Cross Fence
Lake 64
Lake 139
Trail

325

324

323

322

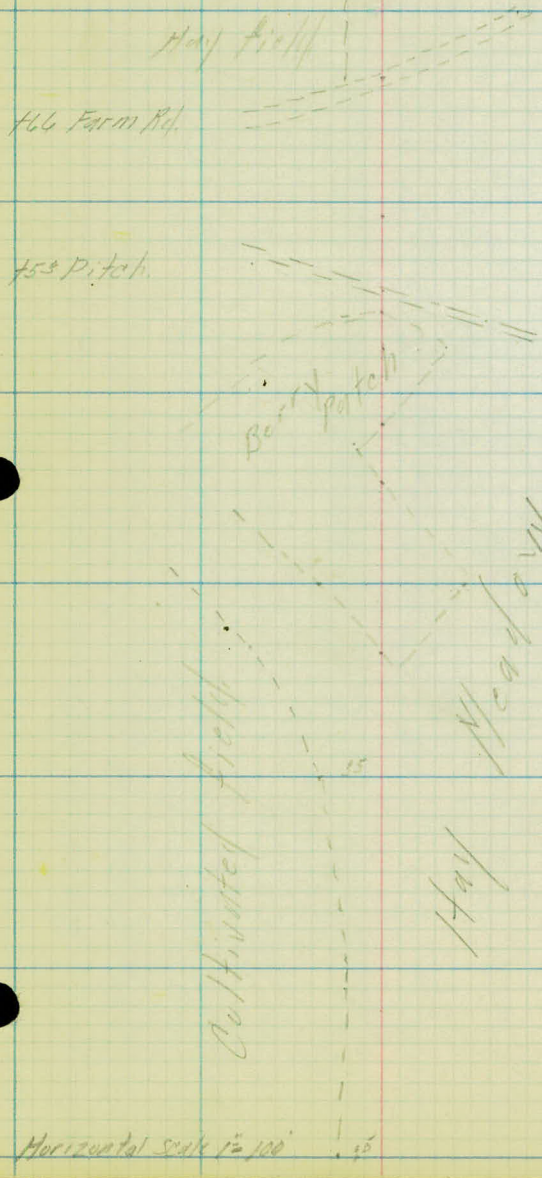
321

320

319

2/26/26

67


Hay Field
46 Farm Rd.
45° Pitch
Boxty potatoes
Mowed Hay
Cultivated Field
Horizontal Scale 1" = 100'

331

330

329

328

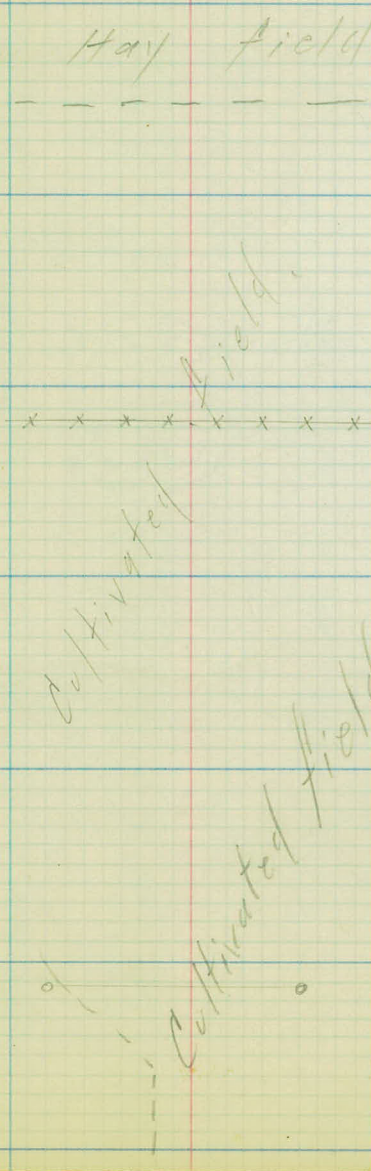
327

326

325

2/25/25

68


Hay Field.
187 Cross Fence
Cultivated field.
Cultivated field.
187 P.P. 60

337

336

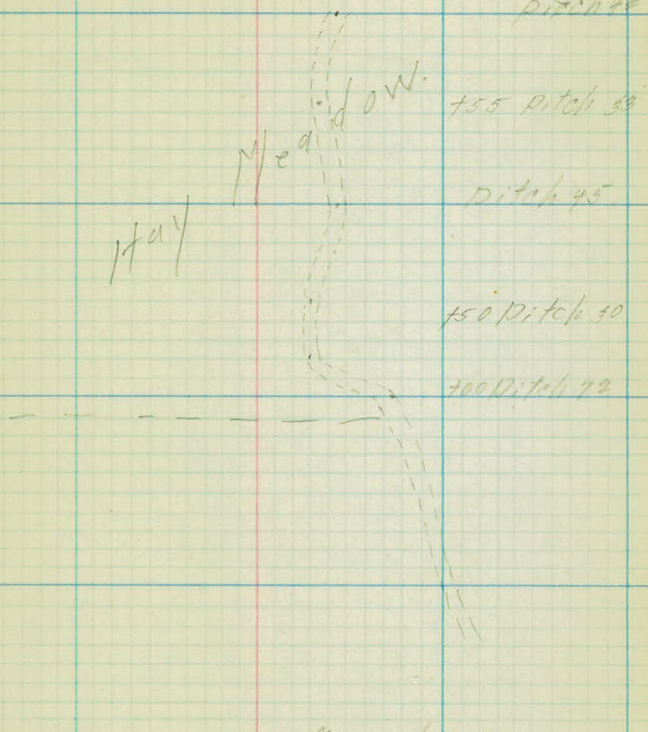
335

334

333

332

331


Pitched
Med
down
+55 Pitch 38
Pitch 45
Hay
+50 Pitch 30
+100 Pitch 72
Hay field

343

342

341

340

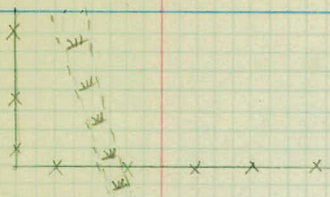
339

338

337

2/25/20

70



+40 L. Ditch

400 Ditch 23

Hay Meadows

Ditch 120

549

548

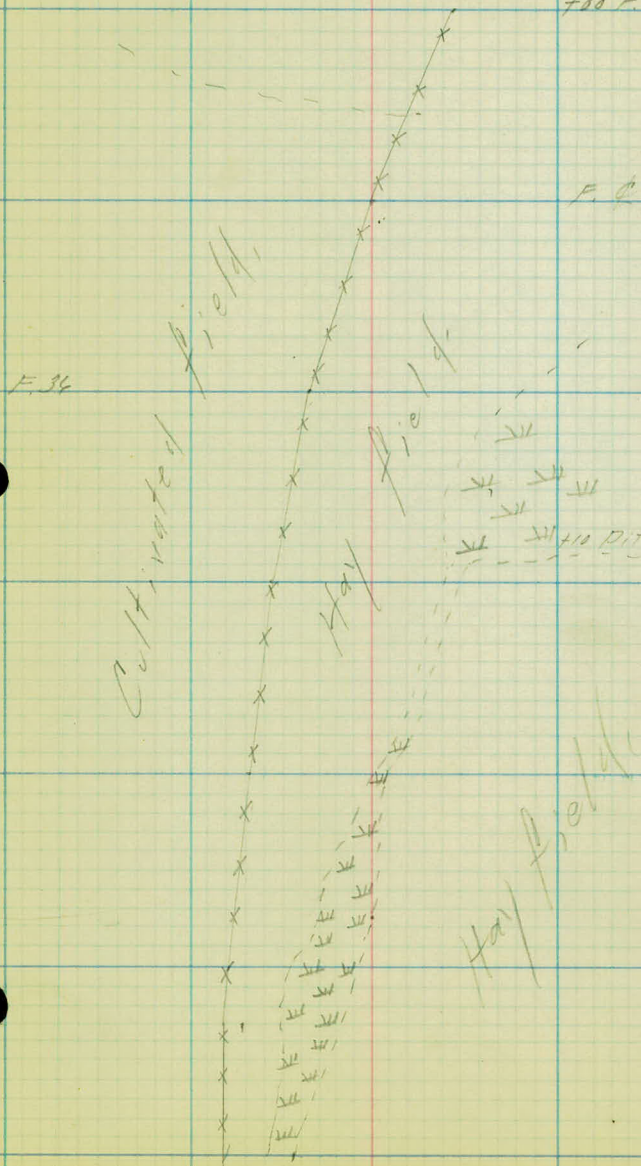
547

546

545

544

543

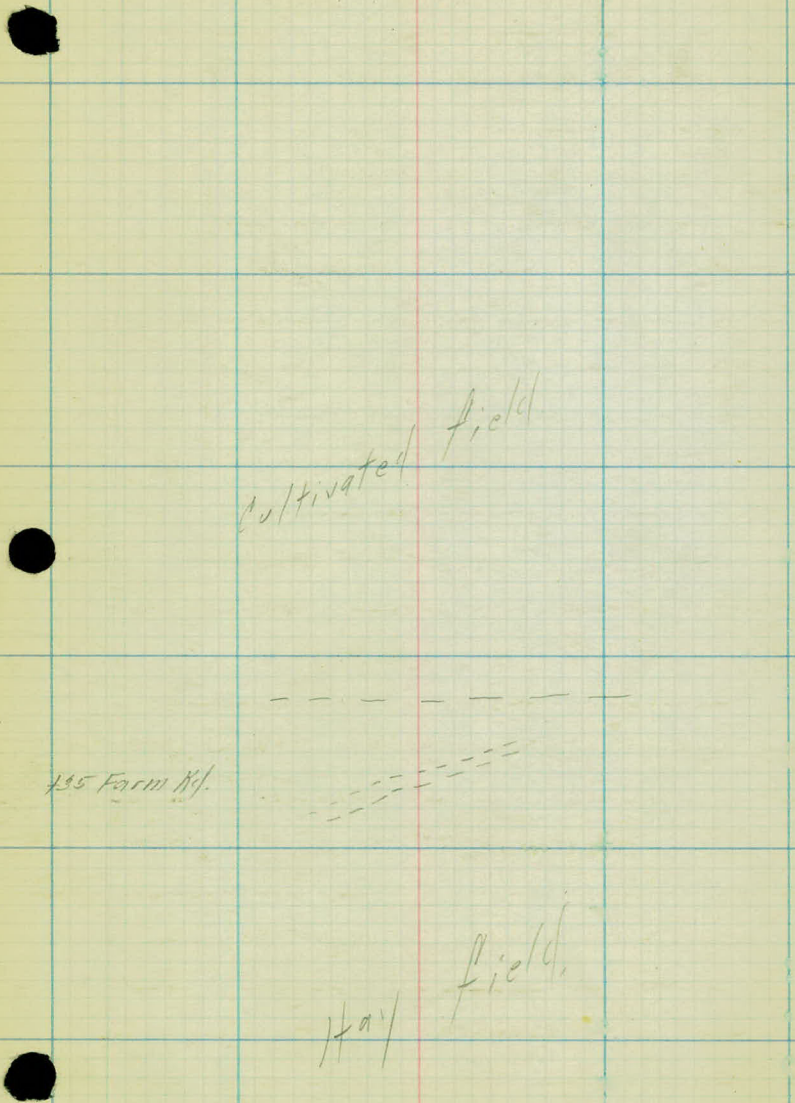

+00 F. 45
F. 0
F. 35
+10 Pitch 45

352

351

350

349


Cultivated field
435 Farm Rd.
Hay field.

(26-62)

Revision

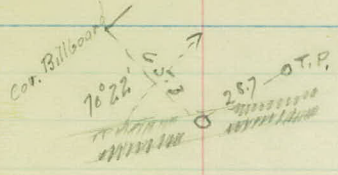
Sta 587+44±
to Sta. 682+59.58 = 709+54±.

Station	Ang. Lt.	Ang. Rt.
595+79.3	P.O.T. & Cent	
593+83.4	P.T.	
590+72.4	P.I	31° 58'
587+44.1	P.C. = 587+44.1 "H" line	

N 61° 01' 18" W

N 29° 58' 42" W

FROM ALIGN 19



587+44 - 0°00'

588+00 - 10°24'

589+00 - 30°54'

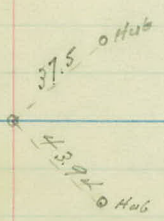
590+00 - 60°24'

591+00 - 80°54'

592+00 - 11°24'

593+00 - 13°54

593.4 - 15°39'



5° Curve left.

$\Delta = 31°58'$

Rad. = 1146.28

Tang = 328.33

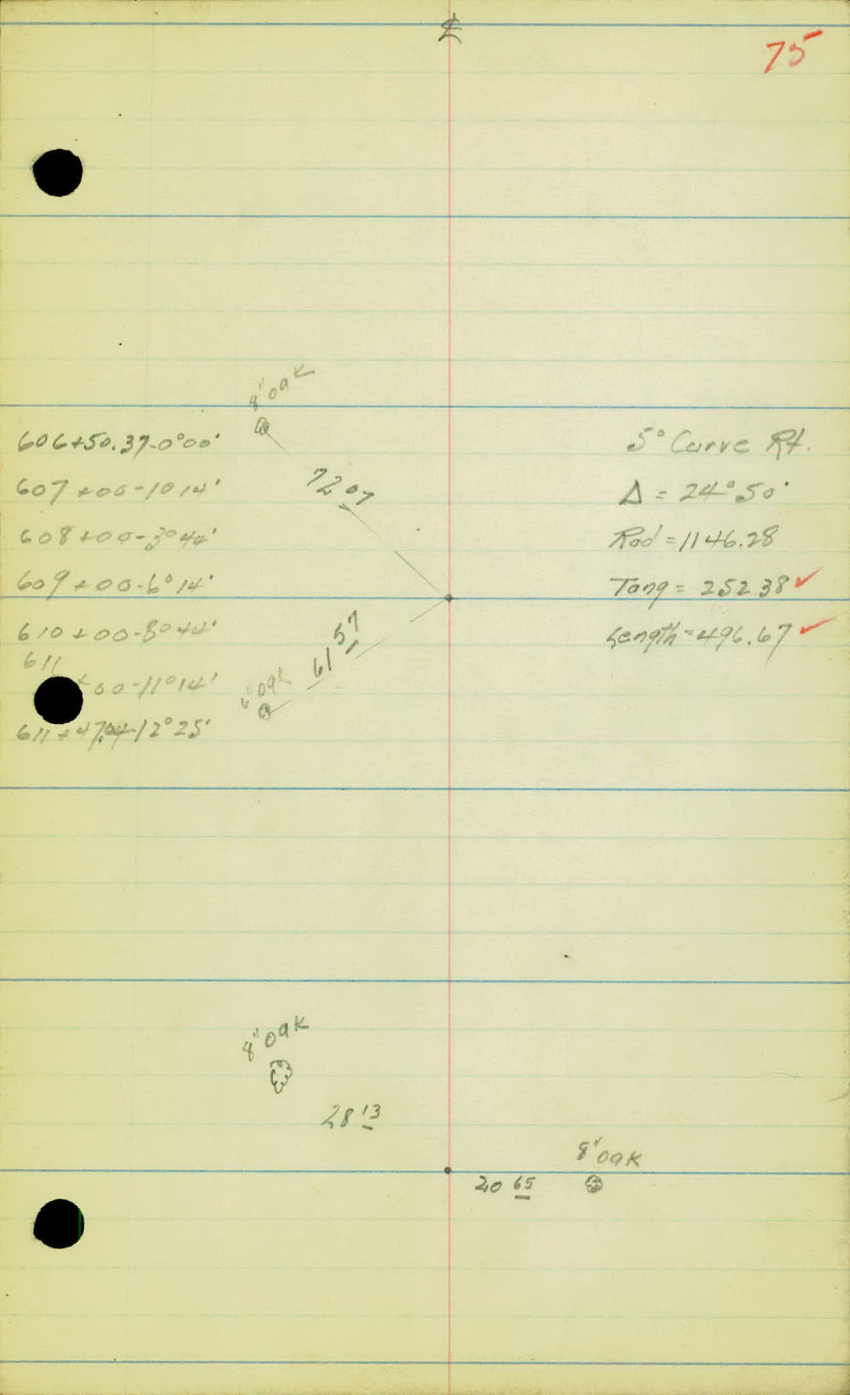
Length = 639.33

℄

Station	Ang. Lt.	Ang. Rt.
620+00 P.O.T		
611+47.04 P.T.		
609+02.75 P.I.		24°50
606+50.37 P.C.		
599+00 P.O.T		

N 56°-27' W

N 81°-19' W



5° Curve Rt.

$\Delta = 24°50'$

Rad = 1146.28

Tang = 252.38

Length = 496.67

Station		Ang. Lt.	Ang. Rt.
672+00	P.O.T		
650+00	P.O.T		
640+00	P.O.T		
630+00	P.O.T		

N 56°-27' W

2-18-26

76

5' high
10" stomp 48 48 1/

51 20

12 oak

41.78 o F.P.

F.P. 45 15
o

10" oak

35 13

77 93

8" oak

Station	Ang. Lt.	Ang. Rt.

TO ALIGN 21

682+59.59 = 709+54.7

682+59.58 P.T.	7-35-30	
682	7° 00	
681	6°00'	N 41°-16 W
680	5°00'	
679	4° 00	
678	3° 00	
678+82.25 P.I.	15°11'	
677	2°00'	
676	1°00'	
675+00.41 P.C.	0-00	

N 56°-32'W

392.9

2-19-26

18

77

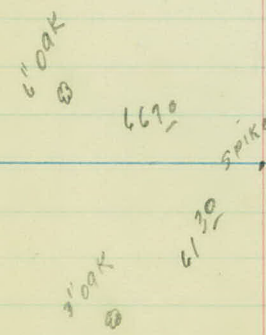
2° C. Rt

Tan = 381.84

L.C. = 759.17

Rad = 2864.93

PI 678+82.25



Rd #93
"H" Inc. Rev.
Sta. 587 - 682

594

593

592

Meadow land

591

590

+34 FENCE 28'

FENCE 1'

589

+71 F. Cor. 8'

+50 FENCE 27'

+50 F. 30'

CULTIVATED

588

587

601

79

+50 END OF BRUSH

4 Trees

+ END OF BRUSH

2 Trees

600

5 Trees

9 Trees

599

WOODS

WOODS

7 Trees

13 Trees

Beg. Brush

Beg. Brush

598

+16 FENCE

597

+73 T.P. 48'

Flora City Fuel + Transf. Co

+35 SIGN 32' 4'x9'x4'

+04 T.P 16' 596

+79.3 ℄ P&V

℄ Central Ave

+06 Bill Board 23'

595

+89 TREE

+77 BILL BOARD 13.5'

CULTIVATED

+66 6" Tree

TREE LINE AT.

594

608

80

4 Trees

50'

Top. of Bank

6 Trees

607

40'

1 Tree

Beg. of Brush

1 Tree

BEG. OF BRUSH

606

40'

3 Trees

+00 END OF BRUSH

END OF BRUSH. +00

605

42'

2 Trees

Paddie Lake

1 Tree

604

62'

3 Trees

Edge of Water Storm

Edge. 1.50 ± Top of Bank

right Bank

603

95

1 Tree

170

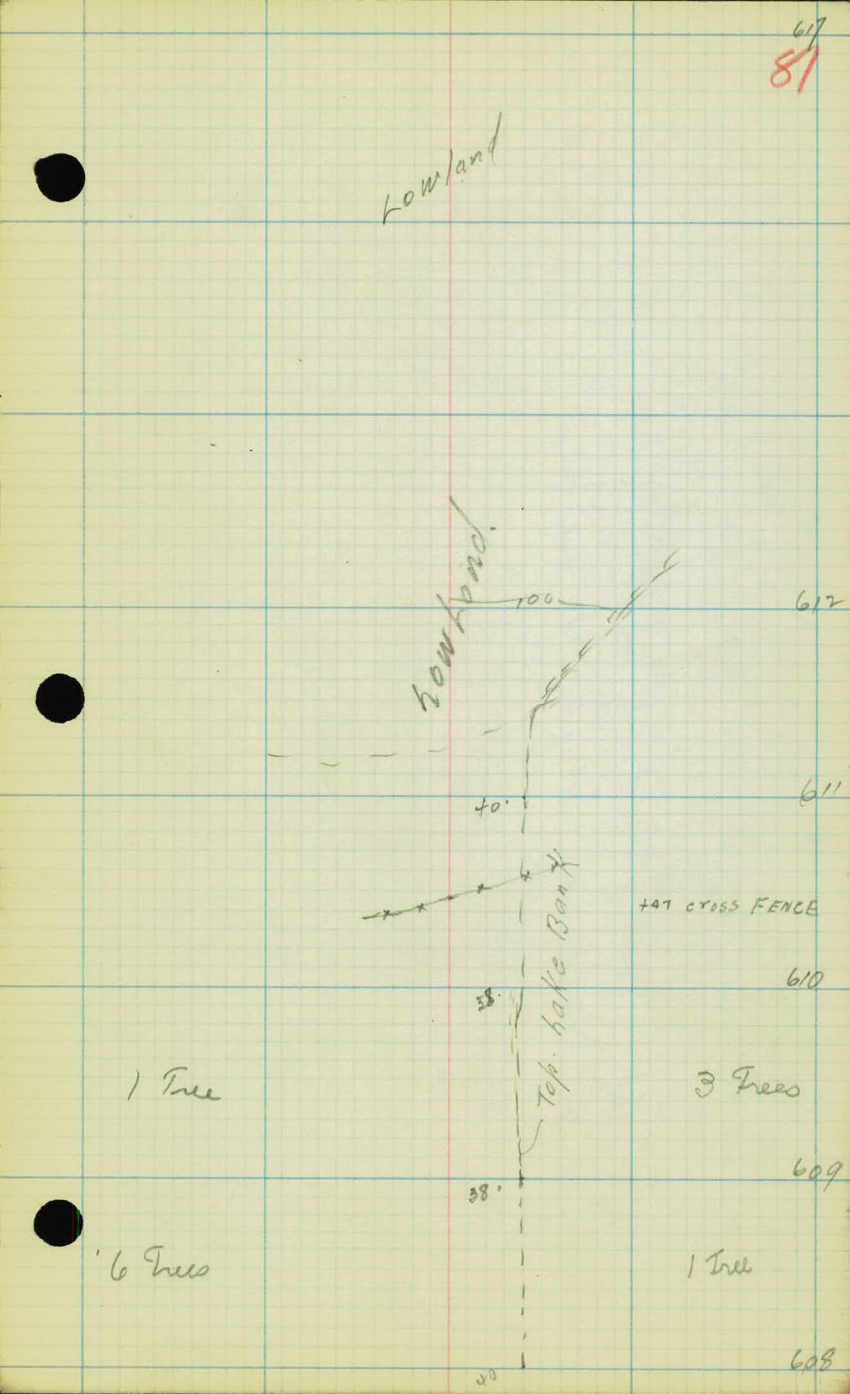
602

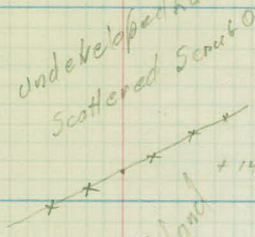
Bank

Top. of Bank

Lowland

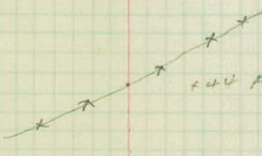
601


Lowland
lowland
100
617
40'
611
+47 CROSS FENCE
610
38'
Top. Lake Bank
1 Tree
3 Trees
609
38'
6 Trees
1 Tree
608
40

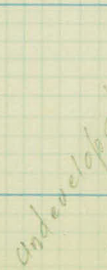


639

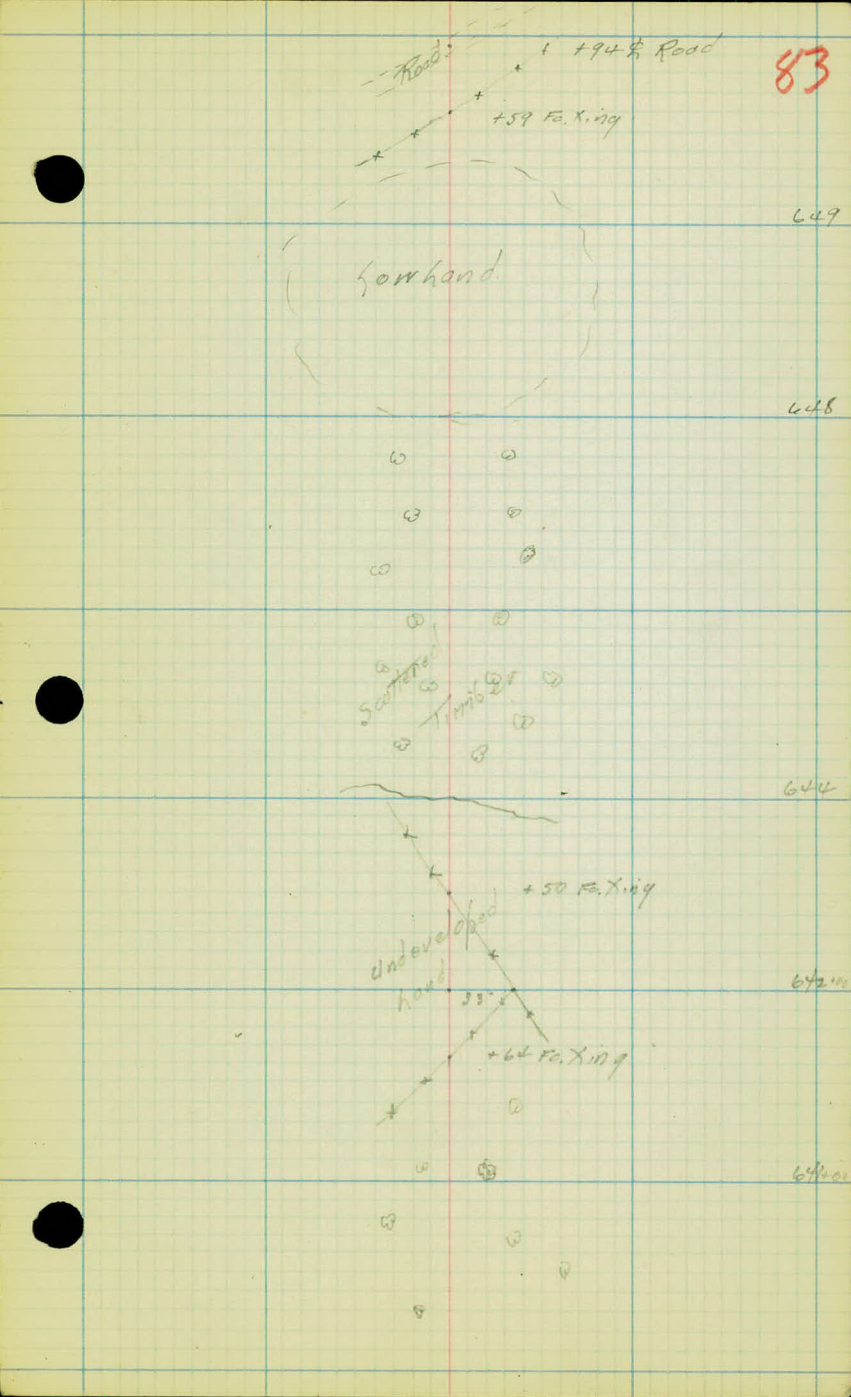
635+30

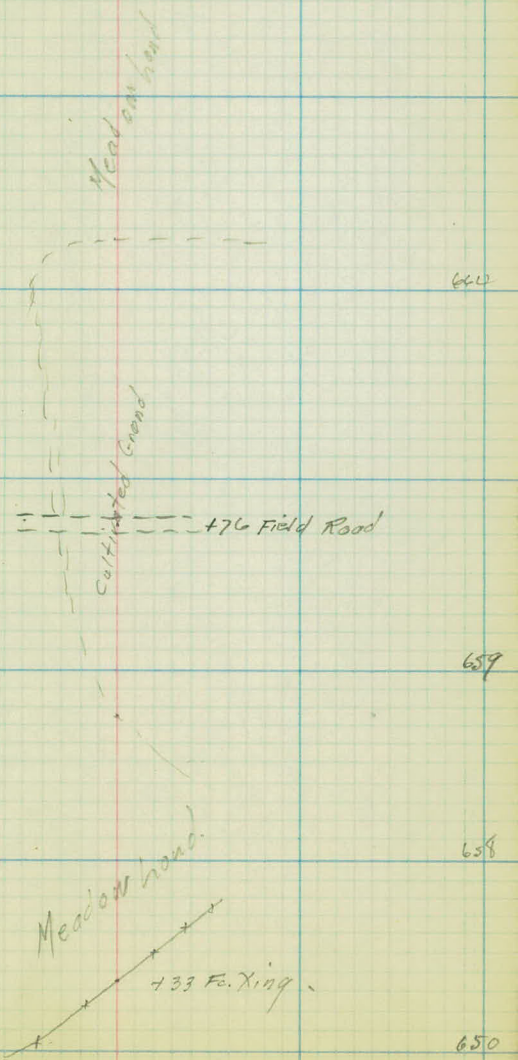


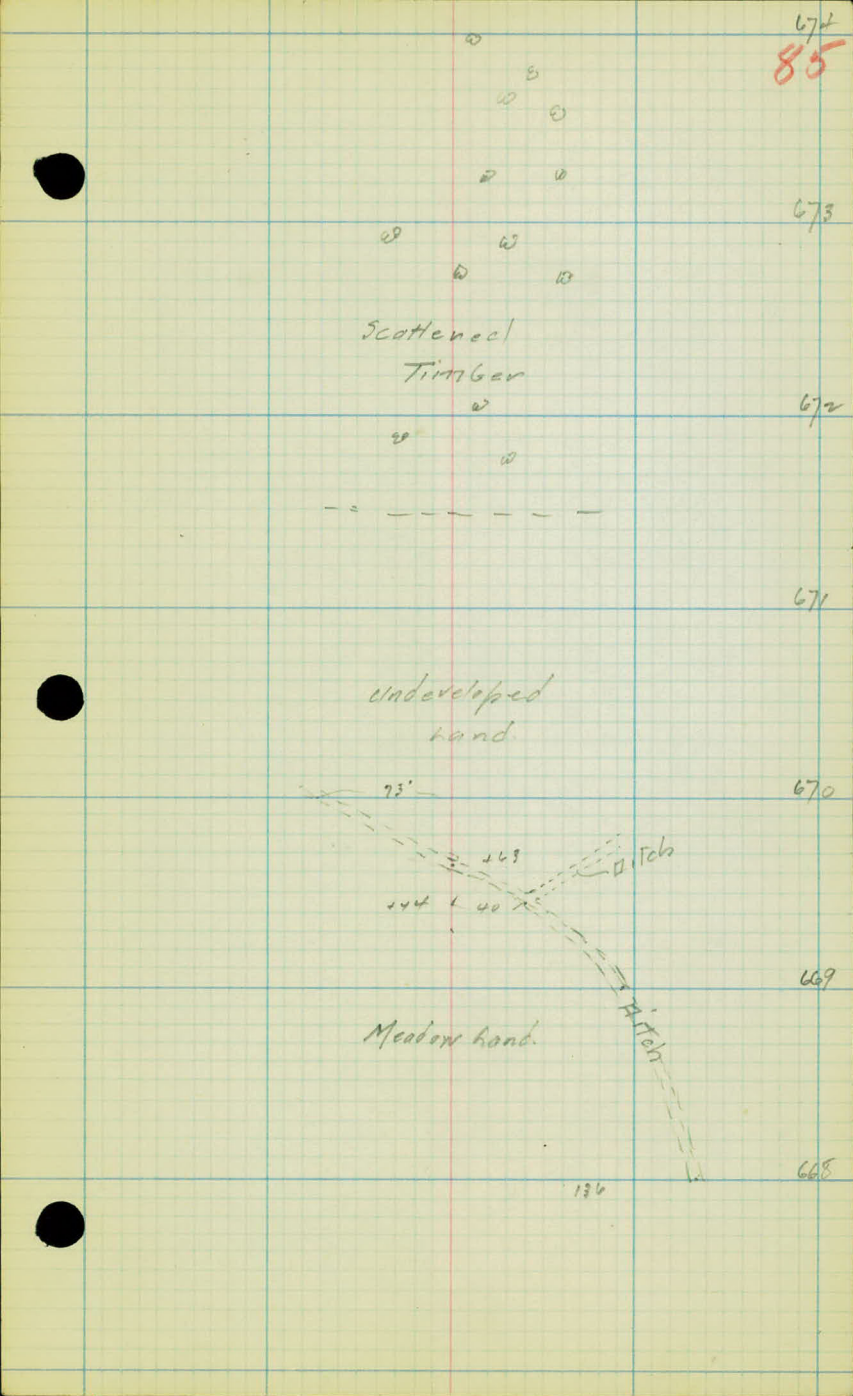
634

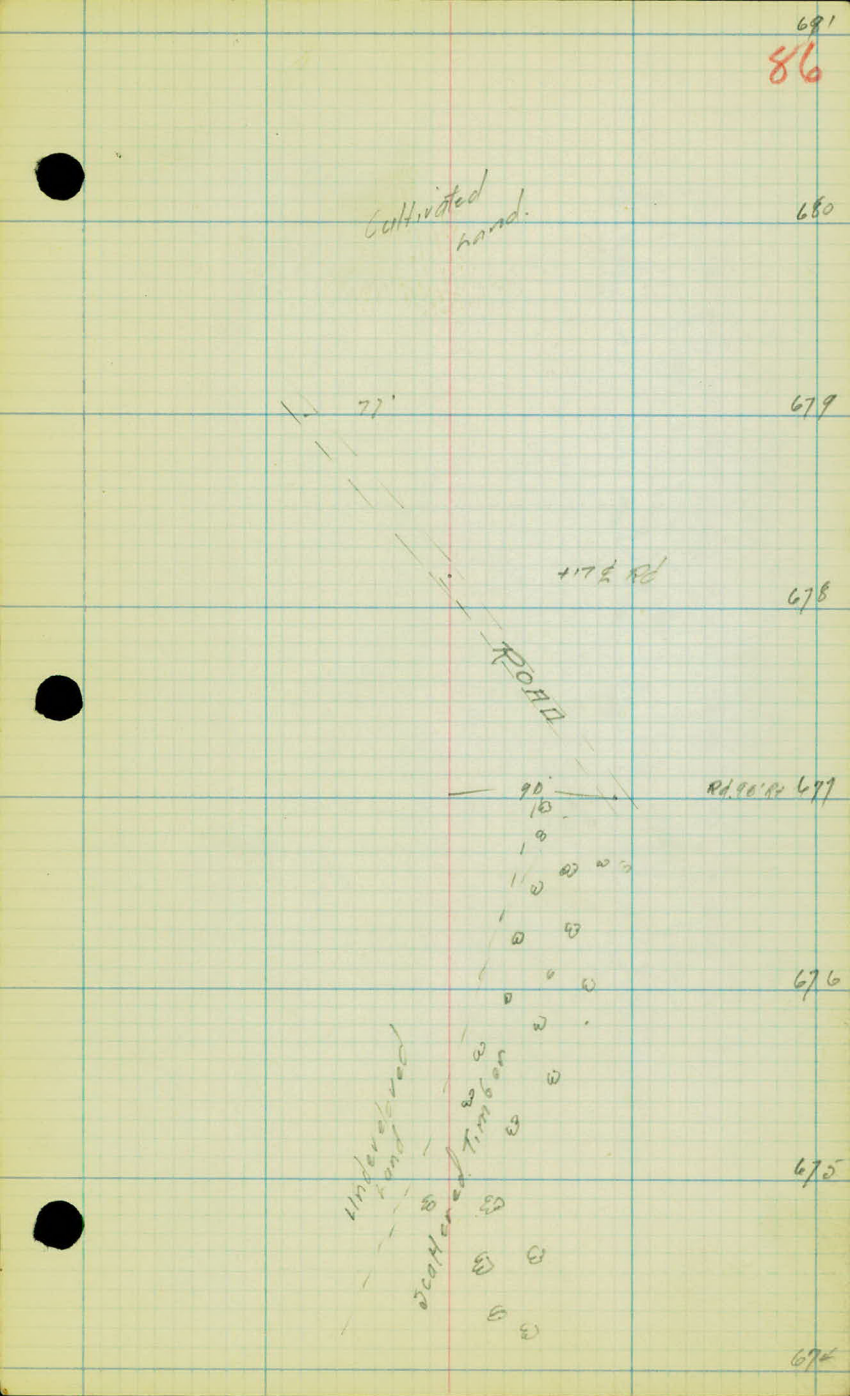


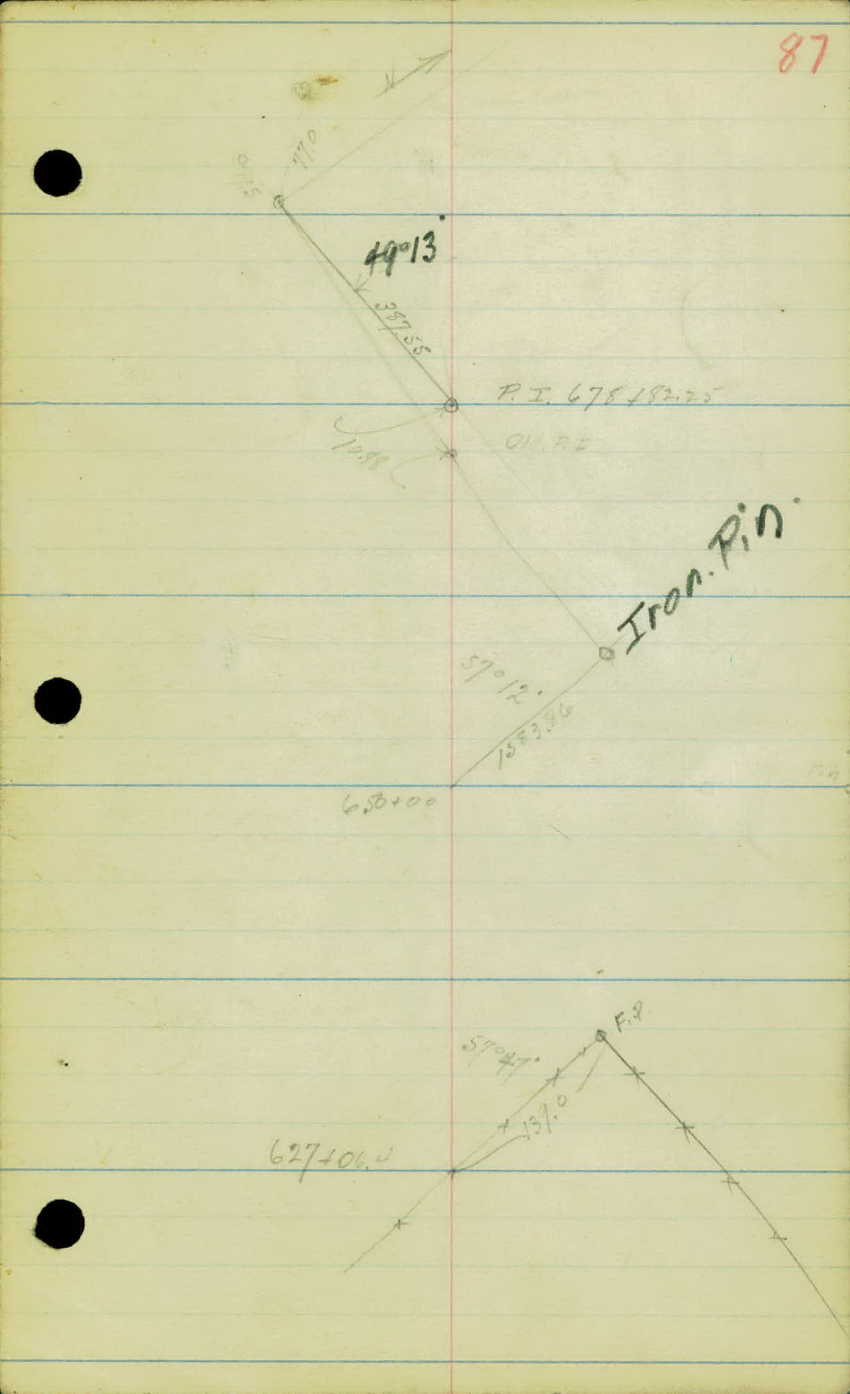
631+30


Road
+94 ± Road
+59 Fe. X.ing
649
Cornhand
648
Scattered Timber
644
+50 Fe. X.ing
Undeveloped
Road
642
+64 Fe. X.ing


Meadow land
640
Cultivated Ground
476 Field Road
659
658
Meadow land
433 Fe. Xing.
650


85
674
673
Scattered
Timber
672
671
Undeveloped
land.
73'
670
669
Meadow land.
668
136


Cultivated land.
680
77'
679
417 Rd
678
ROAD
90'
Rd. 90' Rd
677
676
Underbrush
Scattered Timber
675
674


49°13'
367.55
P.I. 678+82.25
Iron Pin
S7°12'
1583.36
638+00
S70°47'
137.0
627+06.4
F.P.

Road #93.

"H" line Revision.
Sta. 587 - 682

Levels 587 - 682.
X-Sections - 650 - 682.

Austin
Skooglun
Fritz
Alexander
Jankoski
Wilshusen
} 2/24/26

Sta	+	H.I	−	Elev
B.M.	5.73	916.12		
587+44.10	P.C.		4.8	911.3
588			4.3	11.8
589			6.0	10.1
+50			7.7	08.4
590			9.0	07.1
591			10.5	05.6
+50			11.1	05.0
592			10.7	05.4
T.P.	7.60	913.82	9.90	906.22
593			8.7	05.1
+50			7.1	06.7
594			6.7	07.6
+50			6.8	07.0
595			4.9	08.9

910.89 Spike in 20" OAK 110' Lt 588+50

Sta.	+	H.I.	-	Elev.
		913.82		
595+48			5.9	907.9
+55			6.6	07.2
+60			5.0	08.8
+69.8			4.67	909.15
+79.3			4.53	909.29
+88.8			4.42	909.40
+95			4.5	09.3
596			6.6	07.2
+15			9.6	04.2
+20			8.3	05.5
+82			6.8	07.0
+88			4.7	09.1
597			4.5	09.3

Lt Rt 2-19-26

H. L. Wilhusen

90

Edge of Conc Pav.

Central Ave Pavement

44 5	45	45 5	46 5	45	46	46	46
200	150	100	50	50	100	150	200

Edge of Conc Pav.

Sta.	+	H.I.	-	Elev.
		913.82		
+05			4.9	908.9
+10			6.5	07.3
+40			6.8	07.0
+75			8.5	05.3
598			5.8	08.0
T.P.	8.45	917.53	4.74	909.08
+50			5.0	12.5
599			4.3	13.2
B.M.			3.47	914.06
600			5.0	12.5
+50			7.1	10.4
601			9.5	08.0
+50			10.3	07.2
602			9.6	07.9
603			8.5	09.0

2-19-26

91

3. Nails
Spike on 10" oak 80' Lt. 599+40

900.67 = Elev. Top. Ice. Haddie Lake. 2/24/26.

Sta.	+	H.I.	−	Elev.
		917.53		
+50			8.9	908.6
604			8.0	09.5
T.P.	6.02	916.35	7.20	910.33
+50			6.1	10.3
605			7.5	08.9
+50			11.5	04.9
606			11.0	05.4
+50			6.2	10.2
607			3.3	13.1
+50			2.2	14.2
608			2.8	13.6
T.P.	1.38	914.51	3.22	913.13
			913.13	
609			2.6	11.9
610			5.6	08.9

Stg.	+	H.I.	−	Elev
		914.51		
B.M.			4.20	910.31
+50			7.6	06.9
611			8.3	062 05.2
+50			9.0	05.5
612			10.5	04.0
+50			11.5	03.0
613			12.4	02.1
T.P.	6.43	910.00	10.94	90357
614			5.6	04.4
615			5.6	04.4
616			4.9	05.1
617			4.8	905.2
+50			5.4	04.6
618			3.8	06.2

2-19-26

93

SPK ON 10" OAK STUMP 75' Lt 610+00

619	+	H.I.	−	Elev.	Elev.
		910.00 ✓			
+50			2.7	907.3 ✓	
619			0.50	09.5 ✓	
T.P.	6.11	915.67 ✓	0.44	909.56 ✓	
+50			5.0	10.7 ✓	
620			3.8	11.9 ✓	
B.M.	4.52 ✓	917.03 ✓	3.16	913.51 ✓	
+50				5.3	911.7 ✓
621 +00				6.6	10.4 ✓
+50				9.8	07.2 ✓
+75				11.4	05.6 ✓
622 +00				11.2	05.8 ✓
					06.5 ✓
+50				10.5	07.5
623 +00				10.2	06.8 ✓
+50				8.1	08.9 ✓
624 +00				7.1	09.9 ✓

2-19-76

94

SPK on 8" OAK 60' RT 6+70 +05

Station	+	H.I.	−	Rod.	Elev.
		917.03			
624+50				6.8	910.2
625+00				8.9	08.1
+50				6.5	10.5
626+00				4.1	12.9
+50				3.6	13.4
627+00				4.3	12.7
T.P.	7.29	921.02	3.30	913.73	
+50				9.4	11.6
628+00				8.5	12.5
+50				7.3	13.7
629+00				6.6	14.4
+50				5.0	16.0
630+00				3.4	17.6
+25				3.1	17.9

Station	+	H.I.	−	Rod.	Elev.
		921.02			
630+50				4.2	916.8
B.M				9.41	911.61
631+00				10.1	10.9
+50				9.2	11.8
632+00				9.1	11.9
+50				10.8	10.2
T.P.	1.95	912.56	10.41	910.61	
633+00				6.0	06.6
+50				6.7	05.9
634+00				5.6	07.0
+25				6.0	06.6
+50				8.1	04.5
635+00				7.2	05.4
+50				5.4	07.2
636+00				5.3	07.3

Spike in 16" Oak. 50' Rt. Sta 630+40

Station	+	H.I.	−	Rod.	Elev.
		912.56			
636+50				6.1	906.5
637+00				7.2	08.4
+50				2.3	10.3
638+00				2.7	09.9
T.P.	5.04	915.88	1.72	910.84	
+50				5.2	10.7
639+00				3.8	12.1
+50				3.7	12.2
640+00				5.0	10.9
B.M				6.85	909.03
+50				7.5	08.4
641+00				10.8	05.1
+50				14.2	01.7
T.P.	3.68	908.53	11.03	904.85	
642+00				9.1	899.4
+50				9.6	98.9

Spike in 12" OAK 60' Rt. Sta. 640+00

Station	+	H.I.	−	Rod.	Elev.
		908.53			
643+00				9.3	899.2
+50				7.9	900.6
644+00				5.7	02.8
+50				5.0	03.5
645+00				5.7	02.8
+50				7.1	01.4
646+00				8.3	900.2
+50				8.3	900.2
647+00				8.7	899.8
T.P.	3.08	903.93	7.68	900.85	
+50				4.5	99.4
648+00				5.1	98.8
B.M.				2.00	901.93
+50				5.8	98.1
649+00				6.8	97.1

Spike in 8" OAK 45' Rt. Stn 648+20

Station	+	HI.	−	Rod.	Elev.
		903.93 ✓			
649+50				7.0	896.9 ✓
+64				7.2	96.7 ✓
+74				7.6	96.3 ✓
+85				5.7	98.2 ✓
+87				5.0	98.9 ✓
+94	℄ Road.			4.8	99.1 ✓
650+00				5.0	98.9 ✓
+03				5.0	98.9 ✓
+05				5.5	98.4 ✓
+12				7.3	96.6 ✓
+17				7.3	96.6 ✓
+25	FROM R-113			7.7	96.2 ✓
+33				6.7	97.2 ✓
651+00				7.2	96.7 ✓
652+00				7.4	96.5 ✓
653+00				8.0	95.9 ✓
T.P.	6.35	903.46 ✓	6.82	897.11 ✓	
+50				7.1	96.4 ✓
654+00				7.6	95.9 ✓

7.2/50	7.2/25.0	7.2	7.2/25.0	7.0/50.0	
7.7/50.0	7.4/25.0	7.4	7.4/25.0	7.3/50	
8.2/50.0	8.0/25.0	8.0	7.8/25.0	7.4/50.0	
7.6/50.0	7.2/25.0	7.1	7.1/25	7.2/50.0	
7.7/50.0	7.4/25.0	7.6	7.3/25.0	7.0/50.0	

Station	+	H.I.	−	Rod.	Elev.
		903.46			
655+00				7.1	896.4
+50				6.8	96.7
656+00				6.3	97.2
+50				4.8	98.7
657+00				5.1	98.4
658+00				5.0	98.5
659+00				6.2	97.3
+74	Field Road				
660+00				6.6	96.9
T.P.	3.11	900.96	5.61	897.85	
661+00				4.0	97.0
662+00				4.0	97.0
663+00				4.3	96.7
664+00				6.0	95.0
+50				8.2	92.8

4th.				4th.		
6.5 5.4 0.0	7.0 / 50.0	7.8 / 38.0	7.2 / 25.0	7.1	7.3 / 25.0	7.1 / 50.0
	7.0 / 50.0	7.0 / 30.0	6.7 / 10.0	6.8	6.6 / 25.0	6.4 / 37.0	5.6 / 50.0
		6.6 / 50.0	6.7 / 25.0	6.3	4.8 / 30.0	4.4 / 50.0
		6.7 / 50.0	6.2 / 25.0	4.8	4.6 / 25.0	4.6 / 50.0
		6.4 / 50.0	5.6 / 25.0	5.1	5.0 / 25.0	4.2 / 50.
		6.2 / 50.0	5.6 / 25.0	5.9	4.6 / 25.0	4.6 / 50.0
		6.4 / 500	6.2 / 25.0	6.2	6.2 / 25.0	6.8 / 50.0
	8.5 / 50.0	7.7 / 37.0	7.4 / 33.0	7.2 / 25.0	6.6	6.4 / 25.0	6.4 / 50.0
		5.0 / 50.	4.7 / 47.0	4.2 / 42.0	4.0	3.3 / 25.0	3.0 / 50.
		4.8 / 50.0	4.4 / 25.0	4.0	3.5 / 25.0	3.7 / 50.0
		5.5 / 50.0	4.9 / 25.0	4.3	3.8 / 25.0	3.8 / 50.0
	8.2 / 50.0	7.7 / 40.0	7.3 / 36.0	6.8 / 25.0	6.0	5.5 / 25.0	5.2 / 50.0
		9.2 / 50.0	8.6 / 25.0	8.2	8.0 / 25.0	7.5 / 50.0

Station	+	H.I.	−	Rod	Elev.
		900.96			
665+00				8.8	892.2
666+00				7.7	93.3
667+00				8.0	93.0
T.P.	5.30	899.24	7.02	893.94	
+50				6.4	92.8
668+00				7.4	91.8
+50				7.8	91.4
669+00				7.2	92.0
+50				7.5	91.7
+58.5				8.3	90.9
+59.5	Ditch	Bottom		10.0	89.2
+63	"	"		10.6	88.6
+64.5				8.2	91.0
670+00				7.5	91.7
+50				5.2	94.0
671+00				4.4	94.8

		9.2 / 50.0	8.6 / 25.0	8.8	8.3 / 25.0	8.0 / 50.0	
7.5 / 50.0	9.0 / 30.0	8.5 / 13.0		7.7	7.3 / 25.0	8.0 / 50.0	
		9.0 / 50.0	8.5 / 25.0	8.0	7.5 / 25.0	7.0 / 50.0	
		6.2 / 50.0	6.0 / 25.0	6.4	7.2 / 25.0	6.8 / 50.0	
		7.2 / 50.0	7.0 / 20.0	7.4	7.4 / 25.0	7.0 / 50.0	
		8.2 / 50.0	8.4 / 25.0	7.8	7.8 / 25.0	7.6 / 50.0	
		7.0 / 50.0	7.2 / 25.0	7.2	7.2 / 20.0	7.8 / 45.0	7.8 / 50.0
		8.6 / 30.0	8.2 / 25.0	7.5	7.5 / 25.0	7.7 / 50.0	
		7.2 / 50.0	7.0 / 25.0	7.5	7.5 / 25.0	8.0 / 50.0	
		6.4 / 50.0	5.5 / 25.0	5.2	5.5 / 25.0	5.7 / 50.0	
		6.4 / 50	5.0 / 25.0	4.4	4.4 / 25.0	4.7 / 50.0	

Station	+	H.I.	−	Rod	Elev.
		899.24			
671+50				3.2	896.0
B.M.				1.18	898.06
672+00				3.2	96.0
+50				3.2	96.0
T.P.	3.98	901.68	1.54	897.70	
673+00				5.8	95.9
674+00				7.8	93.9
675+00				7.0	94.7
T.P.	4.32	899.75	6.25	895.43	
+50				5.0	94.8
676+00				5.7	94.1
+50				6.3	93.5
677+00				6.0	93.8
+50				7.0	92.8
B.M.				1.38	898.37
678+00				6.5	93.3

		Lt.				Rt.	
4.7 / 50.0	4.0 / 37.0	3.6 / 25.0	3.2		3.4 / 25.0	3.3 / 50.0	
Spike in 18" OAK 40' Rt. Sta 671+65							
5.0 / 50.0	5.0 / 47.0	4.7 / 35.0	4.2 / 25.0	3.2	2.7 / 25.0	2.7 / 50.0	
5.2 / 50.0	4.4 / 25.0			3.2	2.4 / 25.0	2.2 / 50.0	
8.2 / 50.0	7.3 / 37.0	7.5 / 25.0		5.8	5.3 / 25.0	4.5 / 50.0	
8.3 / 50.0	8.2 / 25.0			7.8	7.2 / 25.0	6.0 / 50.0	
9.0 / 50.0	9.0 / 38.0			7.0	6.3 / 20.0	6.0 / 50.0	
8.0 / 50.0	6.8 / 25.0			5.0	4.7 / 4.0	4.0 / 7.0	4.0 / 27.0	3.6 / 50.0
8.0 / 50.0	7.0 / 25.0			5.7	5.0 / 9.0	4.0 / 15.0	3.6 / 35.0	3.4 / 50.0
8.4 / 50.0	7.6 / 26.0			6.3	5.3 / 17.0	4.6 / 24.0	3.5 / 50.0	
7.7 / 50.0	6.8 / 25.0			6.0	4.7 / 30.0	4.2 / 50.0	
6.5 / 50.0	7.0 / 30.0	6.5 / 13.0		7.0	7.4 / 25.0	5.4 / 50.0	
Spike in 16" Oak 125' Rt. Sta 677+50							
6.4 / 50.0	6.4 / 35.0	6.2 / 15.0		6.5	6.3 / 25.0	5.4 / 40.0	5.2 / 50.0	

Station	+	H.I.	−	Rod	Elev.
		899.75			
679+00				4.2	895.6
680+00				3.5	96.3
B.M.				3.77	895.98
+50				4.0	95.8
681+00				5.2	94.6
+50				6.7	93.1
682+00				8.8	91.0
+59.58	P.T. =			11.0	88.8
B.M.				3.77	895.98

TO B-92

4.		4		4.	
3.8 / 50.0	4.0 / 25.0	4.2		4.2 / 25.0	3.7 / 50.0
3.8 / 50.0	3.5 / 25.0	3.5		3.5 / 25.0	3.7 / 50.0

Spike in Sta. 70' Rt Sta 680+40 = 707+

4.3 / 50.0	4.7 / 25.0	4.0		4.0 / 25.0	4.4 / 50.0
5.2 / 50.0	5.2 / 25.0	5.2		5.5 / 25.0	6.0 / 50.0
6.0 / 50.0	6.5 / 20.0	6.7		7.4 / 25.0	7.8 / 50.0
7.7 / 50.0	7.6 / 25.0	8.8		10.2 / 25.0	10.2 / 50.0
11.0 / 50.0	11.0 / 25.0	11.0		10.7 / 25.0	10.8 / 50.0

Anoka Line.
X-Sections

Line change.

Sta. 587+44± to 682+

FROM B-78

Station	+	H.I	−	Elev.
B.M.	4.55	915.44		910.89
587+44.1				11.3
588				11.8
+50				11.3
589				10.4
+50				08.2
590				07.2
+50				06.6
591				05.7
592				05.4
T.P.	6.94	913.18	9.20	906.24
593				06.1
594				07.7
+50				07.2
595				08.8

W. H. C.
A. L. P.
H. B.
105
2-24-26

Lt. | Rt.

Spike in 20" Oak 110' Lt. 588+50 M.6.

3.9 / 50	3.9 / 40	4.1	3.8 / 40	3.8 / 50
3.8 / 50	3.9 / 25	3.6	3.5 / 26	3.2 / 50
4.2 / 50	4.2 / 25	4.1 / 0.0	3.7 / 30	3.5 / 50
5.0 / 50	5.3 / 8	5.0	5.1 / 30	4.8 / 50
7.6 / 50	7.3 / 27	7.2	7.0 / 30	6.4 / 50
8.3 / 50	9.2 / 26	8.2	7.5 / 30	7.2 / 50
9.0 / 50	9.3 / 28	8.8	8.3 / 27	7.6 / 50
10.2 / 50	9.7 / 29	9.7	9.6 / 33	9.3 / 50
8.9 / 50	9.5 / 30	10.0	10.8 / 26	11.2 / 50
5.5 / 50	7.0 / 24	7.1	7.6 / 30	7.8 / 50
4.0 / 50	4.8 / 27	5.5	6.6 / 30	6.8 / 50
4.6 / 50	5.2 / 21	6.0	5.6 / 27	5.6 / 50
3.8 / 50	4.1 / 28	4.4	4.7 / 17	5.2 / 50

Station	+	H.I	−	Elev.
		913.18 ✓		
595+47				08.1 ✓
+58				07.3 ✓
+6~~4~~				09.0 ✓
+80				09.18 ✓
				09.4
+95				09.3
596+00				07.3 ✓
+15				04.4 ✓
+82				07.4 ✓
597				09.4 ✓
+11				07.4 ✓
T.P	4.80	915.06 ✓	2.92	910.26 ✓
+43				06.7 ✓
+64				05.5 ✓
598+00				08.4 ✓

4.	4	8
48/50	43/29	5.1
51/16	5.8/28	41/0/43
41.0/50		
43/50	5.2/26	5.8
41/17	39.0/50 = Pave.	
46/50	5.2/39	5.3/16
4.2	40/11	3.9/50
41.2/50	3.90	3.8/31
3.8/50		
4.0/50	3.8	7.0/27
8.3/50		
37/50	3.8/12	5.9
7.7/20	8.3/50	
3.6/50	3.6/24	8.3/12
8.8	7.7/16	8.1/50
6.2/50	6.0/27	5.8
6.0/28	6.1/50	
3.8/50	3.3/26	3.8
3.8/30	3.7/50	
5.3/50	5.8	5.8/50
8.3/50	8.2/26	8.4
7.8/26	7.2/50	
8.6/50	7.5/27	9.6
8.2/28	8.1/50	
6.0/50	6.4/30	6.7
6.8/50		

Station	+	H.I	−	Elev.
		915.06		
598+50				12.1
T.P.	5.02	918.30	1.78	913.28
599				13.4
+50				13.5
B.M.	4.23	918.30	4.23	914.07
600				12.6
+50				10.5
T.P.	5.42	913.55	10.17	908.13
601				08.2
+50				07.2
602				08.1
+50				09.2
603				09.3
+50				08.7
604				09.6
T.P.	6.00	916.35	3.20	910.35

H. & Pt.

2.6/50	2.5/25	3.0	3.1/25	3.3/20	3.3/50
4.6/50	4.5/25	4.9	5.1/28		5.1/50
5.3/50	4.8/25	4.8	5.1/25		5.3/50

3- nails 10" Oak 80' Lt. Sta. 399+40

5.0/50	5.7/21	5.7	6.9/27	6.6/50
8.0/50	8.0/32	7.8	8.4/25	9.0/50
5.3/50	5.2/24	5.4	6.0/27	6.9/50
6.5/50	6.4/25	6.4	7.1/28	8.3/50
6.6/50	6.1/25	5.5	5.5/24	5.3/50
6.0/50	5.7/30	4.4	3.4/40	3.4/50
5.1/50	4.9/20	4.3	4.2/34	4.7/50
5.2/50	4.9/25	4.9	5.0/29	5.0/50
3.0/50	3.1/27	4.0	4.9/20	4.7/50

Station	+	H.I	−	Elev.
		916.35 ✓		
604+50				10.1 ✓
605+00				08.9 ✓
+46				05.4 ✓
606				06.0 ✓
+50	T.C.			10.3 ✓
607				13.4 ✓
+50				14.3 ✓
608				13.7 ✓
T.P.	0.56	915.14 ✓	1.77	914.58 ✓
609				11.9 ✓
+50				10.8 ✓
610				09.0 ✓
B.M.	4.81	915.14	4.81	910.33 ✓
+50				07.0 ✓

Lt.		℄	Rt.	
4.5/50	5.3/22	6.3	7.1/23	6.0/50
5.3/50	6.6/20	7.5	7.9/18	6.8/43 3.0/50
6.5/60	10.0/20	11.0	10.4/24	6.6/36 2.6/50
11.4/50	11.4/23	10.4	7.1/24	7.4/43 3.3/50
7.5/50	7.1/24	6.1	5.8/34	2.5/50
5.3/50	3.8/25	3.0	2.9/23	4.2/39 7.5/50
3.9/50	3.0/30	2.1	3.6/41	6.8/50
3.8/50	2.7/15	2.7	3.2/32	4.9/45 6.0/50
3.0/50	3.0/33	3.2	4.2/35	7.6/50
3.7/50	4.0/22	4.3	5.1/34	8.1/50
5.2/50	5.5/26	6.1	6.1/30	9.2/50

-spike on 10" Oak stump 75' Lt. Sta 610+00

2.1/50	2.9/25	8.1	7.6/30	9.0/50

Station	+	H.I	−	Elev.
		915.14		
611 +00				06.3
+47	R.T.			05.6
612				04.1
613				02.7
T.P.	6.24	909.88	11.50	903.64
614				04.5
615				04.4
616				05.0
617				05.2
618				06.3
619				09.5
T.P.	6.24	915.80	0.32	909.56
620				12.0
B.M.	3.25	915.80	3.25	912.55
621				10.6

9.4 / 50	9.2 / 23	8.8	8.7 / 28	8.7 / 50
10.0 / 50	9.8 / 33	9.5	9.8 / 28	8.9 / 50
11.3 / 50	10.8 / 25	11.0	11.4 / 26	11.4 / 50
11.7 / 50	11.8 / 30	12.4	12.1 / 17	12.3 / 50
6.0 / 50	5.6 / 25	5.4	5.7 / 20	4.9 / 50
5.9 / 50	5.8 / 25	5.5	5.7 / 30	4.6 / 50
4.8 / 50	4.5 / 28	4.9	4.9 / 25	4.9 / 50
4.3 / 50	4.8 / 20	4.9	4.4 / 28	4.3 / 50
4.4 / 50	4.3 / 25	3.6	3.7 / 25	3.7 / 50
0.8 / 50	1.0 / 25	5.4	4.8 / 28	0.7 / 50
4.3 / 50	3.1 / 25	3.8	4.5 / 30	4.3 / 50

8" Oak 60'

4.8 / 50	4.8 / 25	5.7	6.0 / 25	7.2 / 50

H. 5th. 620 + 05

Station	+	H.I	−	Elev.	
		915.80 ✓			
621+50				07.4	✓
622				06.0	✓
623				06.9	✓
623+50				09.0	✓
624				08.1 (10.1)	✓
+50				10.5	✓
625				08.8	✓
+50				10.1	✓
626				13.0	✓
T.P	6.10	919.86 ✓	2.04	913.76	✓
+50				13.6	✓
627				12.8	✓
+50				11.9	✓
628				12.7	✓

Lt.		℄	Rt.	
6.1 / 50	7.0 / 29	8.4	9.3 / 25	8.7 / 50
6.7 / 50	8.2 / 28	9.8	8.3 / 30	9.8 / 50
7.5 / 50	8.2 / 27	8.9	8.2 / 22	6.7 / 50
4.8 / 50	5.9 / 25	6.8	6.8 / 25	6.5 / 50
3.4 / 50	3.7 / 35	5.7	6.4 / 28	7.4 / 50
4.1 / 50	4.5 / 25	5.3	6.1 / 23	6.8 / 50
5.8 / 50	7.0 / 27	7.5	7.3 / 27	8.0 / 50
4.1 / 50	4.7 / 30	5.7	5.5 / 24	5.5 / 50
2.5 / 50	2.0 / 22	2.8	4.2 / 27	5.1 / 50

Top. Stake 626 — Feb 25, 1926

6.0 / 50	5.8 / 20	6.3	7.8 / 24	9.5 / 50
5.7 / 50	6.2 / 25	7.1	8.2 / 25	9.2 / 50
4.0 / 50	5.0 / 23	8.0	19.5 / 20	10.7 / 50
5.4 / 50	6.4 / 25	7.5	9.0 / 25	11.3 / 50

Station	+	H.I	−	Elev.
		919.86 ✓		
628+60				14.8 ✓
629+00				15.5 14.3 ✓
+50				16.0 ✓
630+00				17.6 ✓
+40				17.3 ✓
B.M.	6.92	918.57 ✓	8.21	911.65 ✓
631+00				11.0 ✓
632+00				12.1 ✓
+50				10.2 ✓
633+00				06.6 ✓
+50				06.1 ✓
634+00				07.1 ✓
T.P.	7.64	915.62 ✓	10.59	907.98 ✓
+50				04.9 ✓
635				05.4 ✓

Lt.		Lt	Rt	
4.7 / 50	4.8 / 25	5.1	7.3 / 18	9.7
4.4 / 50	4.8 / 22	5.4	7.7 / 25	10.6 / 50
2.7 / 50	2.8 / 25	3.9	5.6 / 23	8.9 / 50
1.3 / 50	0.8 / 25	2.3	5.12 / 25	8.7 / 50
1.6 / 50	1.7 / 19	2.6	5.8 / 18	9.7 / 50
1.6" Oak 50' Rt. Sta 630 + 40				
4.1 / 50	7.4 / 25	7.6	7.8 / 28	7.8 / 50
3.6 / 50	5.7 / 25	6.5	6.7 / 28	6.7 / 50
3.1 / 50	6.8 / 24	8.4	9.3 / 23	9.3 / 50
7.8 / 50	9.9 / 22	12.0	12.1 / 30	12.9 / 50
11.6 / 50	11.4 / 30	12.5	13.0 / 22	12.9 / 50
7.5 / 50	9.3 / 29	11.5	12.8 / 28	13.5 / 50
2.9 / 50	7.6 / 25	10.1	11.9 / 27	12.9 / 50
5.1 / 50	8.2 / 27	10.2	11.6 / 28	13.1 / 50

Station	+	H.I	−	Elev.	
		915.62 ✓			
635+50				07.3 ✓	
636+00				07.6 ✓	
+50				06.8 ✓	
637+00				08.6 ✓	
+50				09.9 ✓	
638+00				10.1 ✓	
639				12.3 ✓	
+50				12.3 ✓	
640				11.1 ✓	
B.M.	2.89	911.96 ✓	6.55	909.07 ✓	
+50				08.4	08.6 ✓
641				05.0	05.2 ✓
+63				00.5	00.7 ✓
642				899.3	899.5 ✓

LH		℄	RH	
4.8 / 50	6.6 / 28	8.3	10.4 / 25	10.9 / 50
4.8 / 50	6.5 / 29	8.0	8.4 / 30	7.6 / 50
7.8 / 50	8.6 / 27	8.8	8.5 / 24	7.0 / 50
8.0 / 50	7.4 / 27	7.0	6.7 / 34	6.0 / 50
6.4 / 50	5.6 / 32	5.7	5.4 / 27	5.0 / 50
6.1 / 50	5.2 / 25	5.5	5.0 / 25	5.1 / 50
5.9 / 50	4.1 / 23	3.3	3.1 / 20	3.9 / 50
6.2 / 50	4.6 / 30	3.3	3.1 / 26	4.6 / 50
7.1 / 50	5.6 / 23	4.5	4.6 / 24	6.5 / 50

12" Oak 60' Rt. 640

5.5 / 50	4.3 / 22	3.4	3.4 / 25	5.1 / 50
8.0 / 50	7.0 / 28	6.8	6.8 / 24	8.2 / 50
11.5 / 50	11.2 / 26	11.3	12.2 / 28	12.1 / 50
12.0 / 50	12.4 / 25	12.5	12.5 / 25	12.5 / 50

Sta.	+	H.I.	−	Elev.	
		911.96			
643				99.2	99.4
644				02.9	03.1
T.P.	3.37	907.19	8.14	903.82	
+50				03.5	03.7
645				02.8	03.0
645+50				01.3	01.5
646				900.1	900.3
647				899.8	900.0
T.P.	3.14	904.06	6.27	900.92	
648				899.0	
649				97.2	
+60				97.1	
+77				96.6	
+86				99.4	
650+00				99.1	
+12				96.8	
650+30				97.1	
	TO	R-99			
			2.08		
B.M.				901.98	

4 ℄ Rt

12.5/50	12.6/19	12.6	12.4/28	12.0/50
9.4/50	9.2/22	8.8	9.3/28	10.1/50
4.6/50	4.6/80	3.5	3.0/22	2.5/50
5.1/50	5.0/28	4.2	3.2/24	2.1/50
5.8/50	6.1/28	5.7	4.8/25	2.9/50
6.4/50	6.7/25	6.9	6.6/18	6.0/50
7.3/50		7.2	6.6/26	5.9/50
5.1/50	5.1/33	5.1	3.5/30	3.6/50
6.9/50	6.9/30	6.9	6.9/23	6.6/50
7.5/50	7.3/26	7.0	7.0/27	6.9/50
4.5/50	6.0/23	7.5	7.1/23	7.0/50
5.0/50		5.0	5.8/10 7.1/25	6.8/50
7.6/50	7.1/19 5.1/05	5.0	5.0/26	6.8/50
7.0/50	7.0/34 7.4/16	7.8	5.9/20	4.9/50
7.1/50	6.9/28	7.0	7.8/15 7.3/36	5.7/50

8" oak 45' Rt. Sta. 648+40

~~126~~
114

Proj. # 26-62

X. Sections on Line Revision
from Sta. 800+00 to Sta. 837+84.10

FROM-B-110

Stg.	+	H.I.	−	Elev.
B.M.	1.24	875.91		874.65
	1.44	867.70	9.67	866.24
800				60.2
801				61.7
T.P.	5.40	868.14	5.14	862.74
802				63.1
803				62.6
+62				63.0
804				62.0
+46				57.4
805				56.4
T.P.	0.94	858.21	10.87	857.27
806				53.6
+50				51.2
807				47.6
+17				45.4
T.P.	4.21	852.52	11.90	848.31

1/6/26

~~127~~ 115

LT.			RT.		
9.0 / 50	8.3 / 28	7.7	7.0 / 28	6.3 / 50	
7.8 / 50	7.1 / 24	6.4	5.5 / 27	5.2 / 50	
6.8 / 50	5.8 / 24	5.0	4.1 / 29	3.6 / 50	
7.4 / 50	6.5 / 24	5.5	4.9 / 28	4.4 / 50	
8.5 / 50	6.6 / 12	5.6 / 17	5.1	4.0 / 25	2.7 / 50
10.2 / 50	8.3 / 24	6.1	4.7 / 24	3.6 / 45	3.0 / 50
13.2 / 50	12.1 / 27	10.7	7.6 / 33	4.6 / 50	
14.5 / 50	13.3 / 28	11.7	8.5 / 28	7.2 / 43	5.3 / 50
7.6 / 50	5.0 / 12	4.4	3.5 / 24	2.0 / 50	
10.2 / 50	8.4 / 22	7.0	6.4 / 12	5.8 / 14	3.9 / 50
12.7 / 50	12.1 / 24	10.6	10.0 / 21	6.5 / 50	
13.6 / 50	13.3 / 27	12.8	12.2 / 12	7.7 / 50	

Sta.	+	H.I.	−	Elev.	
		851.52 ✓			
+50				44.4	
808				43.0	
+44				42.8	
+69				47.9	
B.M.	12.65	863.72 ✓	1.42	851.10 ✓	851.07
	7.70	869.11 ✓	2.51	861.21 ✓	
+98				66.7	
809				67.1	
+04				67.4	
+14				66.7	
T.P.	1.43	858.67 ✓	11.87	857.24 ✓	
T.P.	2.28	854.37 ✓	7.56	851.09 ✓	
+42				51.7	
+55				50.0	
810				48.9	
+80				49.8	

1/6/26

~~126~~ 116

1+ Edge of Creek 1+4

Stream Top of Ice

9.1	9.3	11.8	9.3	9.5		7.6	4.9	4.3	
50	37	18	18	10	8.1	16	43	50	

Edge of Creek

Top of Ice

8.2	9.0	9.5		9.5	9.5	8.6	8.1	7.5	6.6
50	10	5	12.0	5	16	43	50	60	

Edge of Creek

Top of Ice

7.7	7.4			9.7	12.0	9.7	7.2	5.0	
50	45	9.7	42	42	60	74	100		

Edge of Creek

Top of Ice

5.7	4.2	1.8		5.6	8.3	9.6	9.6	11.9	9.6	8.2
50	30	23	4.6	11	48	50	60	60	73	82

Top of Coping S.E. Cor. of Cell No. 1 Sta. 808+66

2.1		3.0	
50	2.4	50	

1.8		2.4	
50	2.0	50	

1.4		1.8	
50	1.7	50	

2.1		2.8	
50	2.4	74	

3.0	3.0		1.4	4.0	4.0
50	2.4	2.7	30	43	50

Top of Creek

5.0	4.9		5.1	6.3	11.7	11.7	13.8	11.7	10.2	10.8
50	33	4.4	27	36	54	60	60	70	75	83

4.1	4.6	5.8	6.1	8.7	
50	34	14	5.5	34	50

4.0	3.5		5.2	5.3	
50	34	4.4	30	50	

Sta.	+	H.I. 854.37	−	Elev.
811				51.7
T.P.	6.72	859.82	1.27	853.10
+37				53.9
+58				54.6
+70				52.1
812				54.1
T.P.	10.82	870.03	0.61	859.21
812				
+30				65.2
+54				65.4
+85				64.2
813				59.0
+22				58.5
+34				62.8
+43				62.5

1/c/12

117

47					87			
14	2.2				3.8	3.6		
50	28	2.7			32	50		
9.0	5.5				6.3	6.5		
50	39	5.9			25	50		
7.1	7.1				5.6	5.6		
50	13	5.2			24	50.		
5.7	7.1				4.9	4.9		
50	24	7.7			24	50		
1.4					5.5	5.6		
50	5.7				28	50		
3.5	6.6	15.9						
64	50							
Top of Wall								
41	2.74	2.74			1.81			
50	35	4.8			.50			
Top of Wall					Top of Wall			
5.2	3.56	3.56			3.23	3.02	4.3	4.6
50	33.5	21.5	4.6		21	32	47	50
					Top of Wall			
9.8	10.4	11.6	11.6		3.90	3.70	5.3	
50	44	34	24	5.8	22	33.5	50	
10.4	8.5	12.0			6.1	5.0		
50	27	4	11.0		52	50		
7.9	8.6	7.9			11.6	11.0		
50	30	12	11.5		38	50		
9.2	7.8				8.9	12.2	13.0	
50	24	7.4			13	29	50	
9.0	8.6				7.7	8.7		
50	30	7.5			43	50		

Sta.	+	H.I. 870.03	−	Elev.
814				60.2
+41				57.1
815				56.7
T.P.	1.06	859.29	1.80	858.23
+50				57.4
816				55.0
817				52.7
+50				52.5
T.P.	1.61	854.79	6.11	853.18
818				49.3
T.P.	3.81	846.87	10.73	844.06
+46				43.5
+51				37.6
+48				42.7
+74				42.6
T.P.	0.55	843.06	4.34	842.51

1/6/26

118

Lt. RT.

10.0	9.6			9.8	9.8		
50	25	9.8		32	50		
13.3	13.2			13.0	12.8		
50	27	12.9		28	50		
14.1	13.8			13.6	13.3		
50	25	13.3		27	50		
2.3	1.9			2.5	2.6		
50	30	1.9		37	50		
3.7	4.0			4.8	5.0		
50	25	4.3		30	50		
5.8	6.1			6.5	6.3		
50	30	6.4		28	50		
5.3	5.7			7.7	7.8		
50	33	6.8		25	50		
6.8	8.1	8.1	4.5	4.6	6.0	6.3	4.9
50	48	45	40	29	24	21	14
5.5							
6.7	7.6	10.9	12.2				
31	38	45	50				
2.1	1.3	6.3	6.3				
50	44	22	14	3.4			
3.8	8.7	14.6					
13	28	50					
(44.3)	6.5	2.3	3.5				
	50	31	11	7.3			
(43.1)	9.4	5.9	3.2				
	50	43	20	4.2			
(42.5)	10.2	5.5	3.4				
	50	39	13	4.3			
11.5	14.3	15.5					
25	54	50					
4.7	13.0	17.1					
7	27	50					
4.9	16.2	17.1					
18	44	50					

(35.4)

34.7

(36.8)

Sta.	+	H.I.	−	Elev.	
		849.04 ✓			
+94				32.9	
819				31.8	
+42				31.1	
+50				27.6	
T.P.	2.48	834.72 ✓	10.82	832.24 ✓	
820				27.5	
+14				29.7	
+64				30.1	
+75				31.7	
821				31.5	
T.P.	3.81	835.39 ✓	3.14	831.58 ✓	
+65				31.0	
B.M.				3.14	832.15 ✓ 832.13
822				30.0	
+25				29.9	
+28	Edge of Creek			27.9	

1/17/26

~~#37~~
119

#1

38.6 — 11.6 5.6 4.5 10.6 / 50 35 24 11 — 10.4

#2

7.4 2.3 1.9 7.5 / 50 35 40 50 — 36.9

33.5 — 11.2 11.1 6.6 6.0 12.0 / 50 44 38 31 21 — 11.3
Edge of Creek

10.6 2.9 3.1 4.6 / 22 41 45 50 — 33.7

28.1 — 15.7 12.0 14.8 15.3 / 50 40 31 17 — 12.0
Edge of Creek
Top of Bank
Ground

10.6 4.2 4.8 / 46 55 68 — 31.9

27.8 — 13.5 15.7 14.2 15.7 15.7 14.0 15.3 / 78 48 55 55 41 40 21 — 15.5
Edge of Creek
Bank
Top of Bank
Ground

12.1 10.4 5.1 5.4 / 7 47 56 75 — 31.7
Edge of Pot Hole

27.5 — 4.6 4.6 7.2 10.7 7.2 7.0 7.2 / 70 60 56 40 40 14 24 — 8.0
Edge of Creek
Top of Bank
Ground

7.2 6.0 0.9 0.3 / 21 27 39 50 — 28.1

24.0 — 4.4 4.4 7.2 10.7 7.2 7.2 5.7 / 45 54 48 36 36 24 20 — 5.0
Edge of Creek
Top of Bank
Ground

5.1 1.9 1.5 / 25 35 50 — 29.6

24.1 — 4.9 6.0 7.2 10.7 7.2 7.2 4.6 / 45 54 47 31 31 18 10 — 4.6
Edge of Creek
Bank
Top of Bank
Ground

4.8 2.0 1.8 1.3 / 15 21 43 50 — 32.7

24.1 — 5.3 5.9 7.2 10.6 7.2 7.2 6.0 3.9 / 75 64 57 40 40 24 22 14 — 3.0
Edge of Creek
Top of Bank
Ground

1.2 1.3 / 55 50 — 32.3

7.2 10.8 7.2 7.2 6.0 3.7 / 100 124 128 60 37 24 — 3.4

3.3 1.1 / 28 50
Edge of Creek
Top of Bank
Ground

5.3 4.7 / 50 26 — 4.4

5.1 5.8 7.2 7.2 10.5 7.2 6.7 / 12 47 50 71 71 91 95
Edge of Creek
Top of Bank
Ground

Spk in 10" Tree 50 47.5 44.8 42 40.

4.7 4.3 5.6 / 50 15 7 — 5.4

4.6 5.4 7.6 7.6 9.9 7.6 4.7 2.6 / 5 15 18 24 34 51 55 65
Edge of Creek
Top of Bank
Ground
pace #2

4.7 4.8 6.2 5.0 / 50 48 18 5 — 5.5

7.3 7.5 11.0 7.5 4.2 4.3 1.5 +3.2 / 2 14 14 30 32 40 50 66
Edge of Creek
Top of Bank
Ground

4.7 4.6 6.3 5.2 5.5 / 50 42 21 4 7 — 7.5

7.5 11.0 7.5 6.0 4.9 0.9 +3.0 / 14 14 37 30 37 50 65

Sta.	+	H.I. 835.39	-	Elev.
	+50	Center of Creek		24.3
	+73	Edge of Creek		27.8
	+88			33.8
T.P.	9.39	843.18	1.60	833.79
823				33.8
	+44			33.8
	+54			37.7
	+62			37.8
	+74			34.8
	+87			39.0
824				36.0
	+38			36.7
	+83			36.5
825				39.5

1/7/26

~~132~~ 120

17. 18.

Edge of Creek
Top of Ice

5.7 6.4 5.5 5.8 7.6 7.6 7.6 6.0 5.9 1.3 +0.7 +1.6 +2.3
50 41 31 18 16 11.1 15 19 26 32 43 50 60

Edge of Creek
Bottom of Creek
Top of Ice

Bottom of Creek Above H.I.

7.6 11.0 4.0 7.8 7.6 7.8 7.6 11.1 7.6 6.2 4.4 +0.7 +0.7 +0.7
120 100 100 50 73 60 50 20 20 7.6 3 11 23 50 60

Edge of Creek
Top of Ice
Ground

Above H.I

6.0 7.6 10.6 7.6 7.6 6.8 2.0 0.7 +2.3
91 85 50 50 18 17 4 1.6 20 50

12.3 11.5 10.2 8.1 8.5
80 54 30 9.4 21 50

Above H.I.

2.7 +1.3 +1.3 9.3 9.4 7.6
70 60 54 28 9.4 33 50

1.7 0.9 2.3 9.2 9.4 6.6 4.7 7.5 7.0
50 42 34 17 11 4 5.5 15 25 50

3.1 2.7 2.7 7.7 9.3 3.7 1.1 0.2 3.7
50 29 24 13 9 5.4 18 42 58 80

6.1 6.7 5.9 3.3 3.9 7.2 7.4 5.2 4.1 5.6 4.5
50 41 29 15 10 2 8.4 2 10 23 35 50

5.3 5.5 7.0 4.8 3.8 8.2 7.6 5.6 9.0 8.0
50 40 6 2 4.2 4 11 27 37 47 50

Edge of Lake
Top of Ice

5.5 5.6 6.0 7.4 7.9 7.3 9.3 9.5 10.7
60 50 23 7.2 21 50 84 87 100 101

Edge of Lake
Top of Ice

5.8 6.6 7.6 7.6 10.7
65 31 21 6.5 17 34 45

Edge of Lake
Top of Ice

2.7 6.1 7.2 8.7 10.7
39 14 7 6.7 19 27 29

Edge of Lake
Top of Ice

6.5 7.5 9.2 10.7
17 3.7 5 34 42 44

Sta.	+	H.I.	−	Elev.	
		843.18 ✓			
825+33					
825+65					
T.P.	12.42	855.15 ✓	0.45	842.73 ✓	
T.P.	7.37	860.00 ✓	2.52	852.63 ✓	
824+38					
824+83					
825					
825+33				55.5	
825+65				55.0	
		859.75 ✓			
T.P.	2.79	858.75	3.04	856.96 ✓	
826				55.1	
827				54.6	
+40				54.8	
828				53.5	
829				52.9	
BM.	4.25	860.03 ✓	5.93	855.82 ✓	855.78

1/17/25

LT RT

-12.3

46 7.0 9.6 10.7
29 68 76 77

-11.9

3.8
55

3.8 3.7 23.3
75 65

4.6 4.4 23.5
70 59

4.2 4.4 20.5
50 59

4.8 4.8
50 55 4.5

5.1 5.1 4.8
50 55 5.0 36

4.9 4.9 4.6 4.7
50 53 4.7 28 50

5.4 5.1 5.1 5.6
50 50 5.2 28 50

5.2 5.2 5.2 5.9
50 50 5.0 50 50

6.7 6.6 4.3 6.2
50 50 6.3 50 50

8.0 7.9 4.6 4.5
50 53 4.9 30 50

Sta.	+	H.I.	−	Elev.
		860.03		
+50				52.4
830				52.7
+21				52.9
+43				51.5
+71				52.9
831				53.2
+47				53.2
832				53.7
+23				55.1
833				53.3
834				55.7
T.P.	4.22	863.14	3.11	856.92
835				56.4

1/7/25

~~134~~
122

Lt. Rt.

2 Rail

5.1	5.4	6.1	8.3	7.7			7.2	6.8				
75	58	55	31	22	7.4		30	50				

2 Rail

4.7	5.6	6.0	7.5	8.1	8.4	7.5		7.1	7.1			
60	43	40	27	19	10	8	7.3	30	50			

2 Rail

4.9	5.2	6.3	7.1	8.1	8.2			7.0	6.6			
53	37	34	16	13	2		7.1	34	50			

2 Rail

5.2	4.9	5.2	6.0	4.9	7.9			5.2	7.2	6.7	6.6	
40	47	43	30	8	5		5.5	6	8	34	50	

2 Rail

5.3	4.9	5.3	6.1					8.4	8.1	7.1	6.8	6.7
54	37	25	13				7.1	9	13	16	39	50

2 Rail

6.6	5.2	4.9	5.3	6.0				7.2	8.0	7.9	7.1	6.8
53	47	35	20	18			6.8	9	13	22	24	50

2 Rail

6.0	6.0	6.7	6.7	5.0	4.8	4.9	6.4		4.0	6.2	7.4	7.1	6.5	6.3
50	48	46	43	38	26	12	8	6.8	8	20	25	34	36	50

2 Rail

5.5	5.4	6.3	6.1	4.8	4.6	4.9			6.5	5.5	5.8	5.8	5.8	
50	39	37	33	27	18	4	6.3		4	9	30	45	50	

2 Rail

5.0	5.0	5.7	6.0	5.0	4.7			4.2	5.5	5.2	5.4	
50	36	34	32	27	14	4.9		4	10	23	50	

2 Rail

3.3	5.8	4.6	4.9	5.1	4.9	5.8	5.6	5.1	4.6		5.0	5.6	5.4	4.6	4.5	
54	50	48	45	40	27	24	22	19	7	4.7	8	13	14	20	50	

Top of Rail

1.76	4.2	4.9	5.1	5.4	4.0	5.0	5.1	4.7			4.5	5.5	5.5	4.2	4.3	
52.5	50	43	38	30	20	17	14	11	4.3		15	19	22	28	50	

Top of Rail

2 Rail

4.4	5.4	5.5	5.5	7.2	7.4	7.7	7.6	7.0			6.5	6.5	7.2	8.1	8.0	8.5
47.5	45	35	30	25	17	15	12	10	6.7		5	12	20	24	43	50

Sta.	+	H. I.	−	Elev.
		863.14 ✓		
834				57.4
837				58.1
Eq va.				
837 +84.12	= 807 +13.8			59.0
B.M.			3.75	859.39 ✓

1/8/35

~~[illegible]~~

F3

Top of Nail

4/2 46 71 93 97 75 74 57
495 47 39 34 33 29 14 8 5.7

Top of Nail.

558 40 55 77 78 56 58 50
50 47 41 38 36 32 12 9 5.0

Top of Nail.

595 53 50 49 49 50 36 51 50 44
505 47 43 42 40 37 22 19 14 11 4.1

#2 Rd.

5.7 6.1 8.0 8.3 7.9
5 18 23 38 50

#2 Rd.

4.9 5.2 7.2 9.6
4 15 20 50

#2 Rd.

4.1 4.2 5.4 5.7 5.2 4.2 4.4 5.5
3 12 17 17 17 40 45 50

SEE STATE NOTES

PAGE 12

3/14/27
C.W.S.
D.S.
A.B.
T.M.

Alignment.

Sta 385 - 299+79.09 = Eqa 298+83.21

26-62

Dia A.

Sta	Point	Δ Lt	Δ Rt	Calc Bearing	
Equa					
299+79.29 = 298+83.21			End		
295+87.40					
+50			34°-27.5'		
95			32°-30		
			30°-00		
+50			27°-30		
94			25°-00		Δ 68°-45'
+50			22°-30		
93			20°-00		D 10°- Rt.
+50			17°-30		
92			15°-00		T. 392.45
292+92.35	P.I.		68°-45'		L. 687.50
+50			12°-30		
91			10°-00		
+50			7°-30		
90			5°-00		
+50			2°-30		
89			00°-00'		
288+99.29	P.C.		00°-00		

3/15/27
C.W.E.
D.S.
A.B.
T.M.

X Sections

Line Revision

Sta 215-299+79.8

L6-62

Div A.

Sta.	+ or -	Elev
285+05.2		
+50		77.2
286.+00		76.9
+50		73.1
287 +00		77.8
+50		75.7
+86		78.7
288		76.6
+28		76.7
+99.9		80.8
289+50		83.8
290		85.4

3/13/17

Same assignment.

8.7/50	8.4/39	10.4/34	9.7/30	8.4/29	8.6/15	8.5	8.4/20	8.6/50
9.0/50	9.1/38	8.7/21				8.5	8.5/24	8.0/50
9.0/50	9.0/34	9.0/14				8.3	7.6/15	8.2/38	7.7/50
9.0/50	7.3/37	8.7/22				7.8	7.2/24	7.6/50
8.5/50	7.2/13	6.8/9				6.8	6.2/24	6.8/50
7.0/50	7.0/27	7.0/5				6.7	6.2/24	7.0/39	7.0/50
7.3/50	8.8/19					8.5	6.6/5	6.6/24	7.4/45	7.2/50
9.0/50	9.2/40	8.6/21				8.5	8.2/11	7.2/17	7.0/34	6.6/50
6.0/50	5.2/31	4.5/19				4.5	4.4/17	6.0/20	5.3/35	3.8/50
2.7/50	2.7/24	2.2/11				1.6	0.6/32	4.0/35	4.0/50
5.4/50	5.4/25	5.3					5.2/14	4.3/44	9.5/50

Sta	+or-	Elev
290+50		89.3
291+00		88.6
+17	+38	86.5
+50		82.6
292+00		79.9
+50		77.9
293		78.1
+50		78.0
294		78.0
+50		78.2
295		79.5
+50		82.1
+75		85.4

8/15/27

3.0/50 4.0/27 3.4 3.6/23 7.0/50

+33/50 +32/45 +20/30 0.0/10 2.1 4.2/11 6.7/28 8.7/50

0.6/50 2.0/31 4.8/16 8.5 10.8/16 13.5/38 13.0/50

8.5/50 10.0/30 11.0/18 12.4 13.3/27 14.8/50

50/50 5.4/21 6.4 7.2/18 7.4/40 7.6/50

7.5/50 8.0/44 8.0/23 8.2 8.4/25 5.4/50

8.8/50 8.7/27 8.2 7.8/28 8.5/50

8.7/50 8.8/28 8.2 8.6/18 5.6/19 5.4/22 8.4/26 8.5/50

9.0/50 9.0/30 9.2 8.2/25 8.2/50

7.5/50 7.8/30 8.0 8.3/25 8.2/50

4.8/50 5.8/22 6.7 7.2/28 7.8/50

+0.9/50 0.4/42 4.5/24 7.0/18 9.0 10.2/32 10.6/50

5.4/50 5.3/40 +3.8/30 0.0/19 0.7/17 4.2/9 6.0 8.0/19 9.5/50

Sta	+or-	Elev
296+00		92.4
+21		96.7
297		94.8
+50		93.2
298		88.7
+25		86.6
299		94.0
+50		83.5
298+83.21 299+79.09		83.6

3/15/77
CWS AB
D.J T.M.

2.6/50	3.3/20	5.7/4	7.6	9.8/9	12.0/16	14.4/35	15.8/50
2.8/50	2.4/39	3.0/17	3.1	3.7/7	7.4/13	10.1/29	13.9/50
5.1/50	5.1/42	5.1/19	5.2	5.2/30	5.4/50		
6.5/50	6.5/26	6.8	7.0/24	7.4/50			
1.6/50	2.8/21	3.8	4.7/24	6.3/50			
3.0/50	4.2/25	6.0	6.8/28	7.5/50			
6.4/50	7.2/21	8.5	10.4/21	11.6/50			
9.5/50	11.0/24	11.0	12.3/20	14.0/50			
11.5/50	12.2/24	11.5/19	11.8	12.4/22	14.4/29	15.2/50	

3/15/27.
CWS
DS.
TM
AB.

& Levels.

Line. Rivision.

Sta 285 - 299+79.2.

26-62

Div A.

Sta	+	HI	-	Elev.	
B.M.	2.33	884.67 ✓		882.34	
285+05					
+50				77.2	7.5
286				76.9	7.8
+50				73.1	11.6
287				77.8	6.9
+50				78.7	6.0
+86				78.7	6.0
288				76.6	8.1
+28				76.7	8.0
T.P.	10.14	890.09	4.72	879.95	
+99.2				80.8	9.3
289+50				83.8	6.3
290				85.4	4.7

3/15/27

Spike in 10" Oak 215' Rt 284+75

Same as Original.

Sta	+	HI	-	Elev		
		890.09				
290+50				87.3	2.8	
291				88.6	1.5	
+50				82.6	7.5	
292				79.9	10.2	
+50				77.9	12.2	
293				78.1	12.0	
+50				78.0	12.1	
+54		Edge Ditch		78.0	12.1	E.D.
+55		Bo Horn. D.		76.7	13.4	B.D.
+56		" "		76.7	13.4	BD
+57		Edge Ditch.		77.9	12.2	EP
294				78.0	12.1	

3/25/27

$\frac{13.0}{100}$ $\frac{13.5}{50}$ $\frac{13.8}{50}$ $\frac{14.0}{100}$

Sta	+	HI	−	Elev	
		890.09			
294+00				78.2	11.9
295				79.5	10.6
+50				82.1	8.0
+75				85.4	4.7
+87½				88.6	1.5
T.P.	8.78	896.76	2.11	887.98	
296				92.4	4.4
+21				96.7	0.1
297				94.8	2.0
+50				93.2	3.6
298				88.7	8.1
+25				86.6	10.2
299				84.0	12.8
+50				83.5	13.3
299+79½ = 298+83½				83.6	13.2
T.P.	1.51	889.49	8.78	887.98	
B.M.			6.82	882.67	882.65

3/15/27
C.W.S.
D.S.
A.B
T.M.

RR. Spike 8" Oak 58 Lt 5th 294+75

Proj. # 27-62 B:
Line Revision from Sta.
303+91.56 to Sta. 328+84.

Sta.	Point	Δ Lt.	Δ Rt.	Calc Bearing
308+90 $\frac{79}{}$	P.O.T.			
308+76 $\frac{03}{}$	P.T.	12°-07'		
+50		11°-28'		
308		10°-13'		
+50		8°-58'		
307		7°-43'		
+50		6°-28'		
306+37 $\frac{45}{}$	P.I.			A - 24°-14'
306		5°-13'		D - 5°
+50		3°-58'		T. - 246.09
305		2°-43'		L. - 484.67
+50		1°-28'		R - 1146.28
304		0°-13'		
303+91 $\frac{34}{}$	P.C.			

4-18-27

Sta.	Point.	Δ Lt.	Δ Rt.	Calc Bearing

328+84.21 P.O.T. = 329+01.90

328+36.54
328
+50
327
326+97.89 P.I.
+80
326
325+59.04 P.C.

2°-46.5'
2°-24.6'
1°-54.6'
1°-24.9'
5°-33
0°-54.6'
0°-24.6'

Δ-5°-33
D-2° Rt.
T-138.85
L-277.50
R.-2864.93

Proj. #20-62 "D"

Line Revision.

X. Sections & Center line

Levels from Sta. 303+91 to Sta. 328+36.

Sta.	+	H.I.	−	Rod	Elev.
B.M.	5.08	896.65		893.57	
	4.54	888.23	12.36	884.27	
303+91 SC				6.2	882.6
304				6.0	82.8
+50				6.0	82.8
305				5.9	82.9
+50				5.8	83.0
306				6.3	82.5
+50				7.0	81.8
307				6.5	82.3
	11.80	899.53	1.10	897.73	
303+91 SC					82.6
304					82.8
304+50					82.8
305					82.9

Spk in 10" Oak 60 Lt. Sta. 305+00.

8.0	7.8	6.0		6.0	10.9	11.5
36	25	18	6.2	21	30	44

7.7	7.8	6.0		6.1	10.9	11.5
37	24	18	6.0	20	30	44

8.1	7.3	6.1		5.9	10.8	11.4
35	22	17	6.0	22	32	38

						→ Shore Line
8.1	7.5	5.9		5.7	11.5	11.8
34	18	14	5.9	26	38	42

								→ Shore Line
0.8	4.8	5.3	7.7	7.0	6.1	5.4	5.6	11.5	12.3
40	36	31	27	15	11	14	30	45	50

								→ Shore Line
3.0	6.6	9.0	8.7	6.4		5.4	4.5	11.5
33	26	21	9	5	6.3	19	37	50

								→ Shore Line
1.5	7.2	7.4		6.6	5.1	4.5	11.4	
22	12	1	7.0	3	23	43	54	

							→ Shore Line
6.1		6.5	5.6	4.7	4.4	11.3	
3	6.5	12	14	29	30	66	

7.2	7.8	(16.9)
60	49	

6.7	7.7	(16.7)
60	50	

5.2	6.5	(16.7)
53	47	

6.5	8.5	(16.6)
52	44	

Sta.	+	H. I.	−	Rod	Elev.
		899.53			
305+50					83.0
306					82.5
306+50					81.8
307					82.3
307+50.				9.0	90.5
T.P.	12.67	911.25	0.75	898.58	
307					82.3
307+50					90.5
308				11.6	899.7
T.P.	7.53	918.41	0.17	911.08	
308					99.7
308+50				12.5	906.1
309				11.1	907.5
+69				15.3	903.3
T.P.	1.17	908.02	11.74	906.85	
780				12.7	895.3

4/19/27

1:9 4.5 6.6 9.3
59 53 48 43 (16.5)

0.8 4.8 10.3 11.6
60 49 40 37 (17.0)

3.9 5.0 9.0 10.0
61 52 37 27 (17.7)

0.5 7.4 9.7
24 14 10 (17.2)

9.0

7.8 7.5 8.6 10.6
64 53 41 29 (29.0)

0.6 0.0 0.6 2.0 3.7 4.8
60 54 42 30 20 16 (20.8)

0.3 1.6 2.6
22 13 10 11.6

4.1 4.1 5.8
64 52 36 (18.9)

2.1 1.7 2.7 4.6 7.0 8.6 10.6
75 62 50 35 20 11 3 12.5

1.7 3.1 4.2 7.0 9.5 11.7
75 53 43 25 9 11.1 2

3.1 4.9 6.9 11.8
71 57 45 14 15.3

0.7 3.3 4.4
22 9 3 12.7

Stg.	+	H.I. 908.02	-	Rod	Elev.
310				17.0	94.0
310+84				16.7	91.3
	6.89	897.10	11.81	894.21	
	6.13	891.88	11.35	885.75	
307+50					90.5
					~~90.7~~
308					99.7
308+50					06.1
309					07.5
					~~03.3~~
309+69					03.3
T.P.	6.58	892.28	6.18	885.70	
309+80					95.3
310					94.0
310+84					91.3
311				5.3	87.0
+50				5.3	87.0

0.5 2.4 4.8
28 18 6 14.0

2.1 3.7 6.2
36 24 6 16.7

(1.4) 8.5 8.5 7.7 7.5 7.3 13.3 14.6
11 18 24 38 55 67 90

10.9
76
- (7.8) 7.3 7.9 7.6 7.9 9.1 6.6 6.9 8.7
14 21 31 32 42 48 62 69

- (14.2) 6.8 6.7 7.5 7.0 6.4 6.3 7.0 3.5
4 39 41 34 46 74 81 85

1.9 6.7
92 84
(-15.6) 1.7 6.6 6.7 7.6 6.9 6.4 5.7
14 25 43 44 59 66 75

2.9 7.0
92. 85
- (11.4) 04 6.0 6.5 6.3 7.0 6.6 6.0 6.2
8 18 25 46 47 62 69 80

(3.0) 5.8 7.0 6.5 7.5 7.0 6.4 6.5 7.4 5.8
13 36 46 48 62 69 78 86 91

(1.7) 5.1 6.3 7.1 6.5 7.4 6.8 6.2 6.6 7.5 4.3
10 13 33 46 47 62 68 79 86 90

(1.0) 4.6 6.2 6.4 6.8 6.1 5.9 8.3
7 31 44 47 61 74 79

* Above H.I.
(+ 4.5 4.0 5.5 5.8 5.7 6.6 6.0 6.0 8.8
54 38 41 53 42 45 48 60 73 77

Above H.I.
(+2.0 4.9 5.4 5.7 6.2 10.0
51 42 13 53 29 73 82

Sta.	+	H.I.	-	Rod	Elev
		892.28			
312				4.8	87.5
312 +50				4.8	87.5
313				4.4	85.9
313 +14				6.8	85.5
313 +38				10.8	81.5
B.M.			12.65	879.63	879.64
T.P.	10.29	917.14		906.85	
309 +80					895.3
310					94.0
310 +84					91.3
311					87.0
311 +50					87.0
T.P.	10.97	924.14	1.97	915.17	
312					87.5
312 +50					87.5

Above H.I.

12.0 / 45 — 5.1 / 32 — 4.8

5.2 / 15 — 5.4 / 34 — 6.1 / 38 — 5.6 / 49 — 5.7 / 70 — 9.8 / 78

1.2 / 43 — 5.1 / 37 — 4.6 / 14 — 4.8 / 10 — 4.8

4.7 / 9 — 4.3 / 17 — 5.6 / 24 — 5.4 / 46 — 6.0 / 63 — 7.0 / 69 — 10.8 / 77

2.0 / 33 — 6.4 / 22 — 6.4 / 8 — 6.4

5.8 / 13 — 5.3 / 28 — 5.5 / 40 — 7.2 / 71 — 12.4 / 81

2.7 / 34 — 5.9 / 25 — 6.3 / 12 — 6.8

8.6 / 8 — 8.2 / 18 — 5.4 / 28 — 6.3 / 40 — 6.7 / 53 — 6.9 / 67 — 13.8 / 82 — 14.0 / 99

5.5 / 38 — 7.3 / 24 — 9.5 / 14 — 10.0 / 8 — 10.8

11.0 / 10 — 8.4 / 19 — 8.4 / 28 — 6.3 / 37 — 5.9 / 36 — 6.3 / 42 — 7.7 / 62 — 9.9 / 69

On Hub.

0.7 / 78 — 6.4 / 41 — (21.8)

2.0 / 75 — 6.3 / 49 — (23.1)

6.2 / 75 — 8.1 / 56 — 11.5 / 35 — (25.8)

5.1 / 100 — 6.6 / 75 — 8.2 / 57 — (30.0)

5.0 / 100 — 5.9 / 75 — 6.2 / 56 — (30.0)

9.3 / 100 — 8.5 / 75 — 8.8 / 49 — (38.6)

2.5 / 100 — 4.5 / 75 — 3.0 / 64 — 4.4 / 56 — (38.6)

Sta.	+	H. I.	-	Rod	Elev.
		926.14			
313					85.9
	0.38	917.62	8.90	917.24	
313+14					85.5
~~313+38~~					
T.P.	2.00	~~907.74~~	11.88	905.74	
313+38					81.5
	1.85	897.95	11.64	896.10	
	5.76	892.11	11.60	886.35	
B.M.			12.47	879.64	879.64

4/19/24

$\frac{7.4}{100}$ $\frac{8.6}{83}$ $\frac{9.6}{75}$ $\frac{13.2}{58}$ $\frac{14.1}{49}$ (40.2)

$\frac{4.9}{75}$ $\frac{11.4}{52}$ $\frac{17.4}{39}$ (32.1)

$\frac{3.7}{75}$ $\frac{13.5}{50}$ (26.2)

4/19/27

CW.S.
D.S.
A.B
T.M

X Section.

Sta	+	HI.	−	Elev	
B.M.	889.32	9.66		879.66	
314+00					78.9
+50					77.1
315+00					77.5
+12					81.6
+24					81.9
+50					81.5
B.M.	10.60	890.26	9.66	879.66	
+60					78.5
316+00					78.5
317+00					81.3
318+00					83.5
319					85.8
T.P.	5.94	894.89		1.31	888.95

900.23 4/19/27 11.82

Lake Elev

9.5	9.8	10.2	10.2	4.6	3.7	3.7	5.0	12.6
50	40		9	29	23	50	73	85

10.5	11.4	12.2	11.0	5.0	5.6	12.1	
50	29		40	17	27	41	

11.0	11.7	11.8	7.2	7.0	11.2	13.3	
50	28		12	24	29	37	

11.0	11.5	11.0	7.7	7.0	10.0	12.5	13.3
50	35	10		41	24	46	50

10.8	11.0	10.8	7.5	7.4	7.0	9.0	9.6	12.0
50	36	15	9		22	24	43	50

10.8	11.0	11.5	11.5	7.8	5.5	7.0	9.5	12.2
50	35	14	6		23	27	44	52

12.0	12.6	13.3	11.8	7.8	6.0	8.6	10.0	11.2	13.3
50	12	4		8	28	35	45	50	57

10.7	11.7	11.8	13.0	13.3	11.8	4.5	4.0	5.0	5.5	9.6	13.3
50	25	13	9	5		16	32	40	53	66	72

9.2	10.2	11.0	13.2	13.0	11.5	11.5	9.0	2.7	3.5	4.0	12.5
50	30	20	13	9	7	3		13	30	55	73

6.2	8.0	9.3	10.7	11.2		6.8	2.0	2.0	2.0	12.2
50	37	18	16	12.			14	30	5	72

+6.0	0.0	3.0	6.2	4.5	1.2	1.3	1.5	12.0
50	30	23	6		6	28	47	70

Sta	+	HI ✓ 894.89	−	Elev	
320					87.5
321					89.9
322					90.9
323					91.4
324					92.2
T.P.	9.78	899.65 ✓	5.02	889.87 ✓	
+50					92.4
325					92.9
+59.24					93.1
326					93.4
+50					93.7
327					93.7

4/19/21

6.6/50 8.6/40 11.4/9 7.4 5.6/4 5.3/23 5.6/44 13.8/66

10.6/50 13.0/18 5.0 4.8/20 5.0/40 16.3/64

14.0/50 13.5/37 4.2/5 4.0 3.8/20 4.3/38 14.0/58

17.0/50 15.8/37 4.0/8 3.5 3.2/17 3.5/35 15.0/58

15.8/50 15.0/38 2.8/11 2.7 2.7/15 2.8/30 13.5/56

17.0/50 16.0/38 7.3/13 7.3 7.2/28 16.3/47 16.8/50

8.2/50 10.0/25 9.0/19 6.8/14 6.8 7.4/27 12.2/38 13.0/50

1.0/50 7.3/34 3.0/32 8.0/25 7.8/19 6.6/14 6.6 6.8/27 8.2/30 8.2/36 4.5/42 5.7/50

0.0/50 0.3/39 0.9/36 8.5/24 8.0/20 6.4/15 6.3 6.6/26 8.3/29 8.3/32

8.2/24 7.7/19 6.2/17 6.0 6.6/25 8.0/29 8.4/33

7.8/23 7.5/19 6.0/16 6.0 6.4/24 7.7/26 8.2/31

Sta	+	HI / 89965	−		
327+50					93.7
328+00					93.5
+36.54					93.4
328+84.21 = 329+01.2					93.3
T.P.	10.37	903.39 ✓		6.63	893.02 ✓
13M				3.19	900.20 = 900.23
B.M.	6.23	906.46		900.23	
326+00					93.4
+50					93.7
327					93.7
+50					93.7
328					93.5
+36.54					(93.4)
End					93.3

4/19/27

7.7/23 7.7/19 6.1/17 6.0 6.4/23 8.0/27 8.0/32

7.4/23 7.5/20 6.1/18 6.2 6.7/21 8.4/26 8.7/30

7.3/24 7.2/20 6.4/16 6.3 6.7/22 8.4/26 8.5/32

7.7/27 7.7/23 6.4/19 6.4 6.6/21 7.9/25 8.0/29

3p. PP 80 Lt 3 Hy.

(13.1) 7.3/44 7.3/50

(12.8) 2.8/51 2.7/54

(12.8) 0.0/52 0.0/55

(12.8) 2.2/50 2.3/55

(13.0) 3.4/48 3.5/50

(13.1) 4.5/46 4.6/50

(13.2) 7.8/44 8.0/45 9.2/50

Stn	+	H.I.	−	Elev.	
326+50					93.7
T.P.	11.90	916.43		1.93	904.53
327+00					93.7
T.P.	5.63	920.69		1.37	915.06
+50					93.7
328					93.5
+36 PT					93.4
Egg					93.3
T.P.	1.02	912.29	9.42	911.27	
B.M.			12.06	900.23	

4/19/17

$\frac{30}{50}$ $\frac{30}{46}$ $\frac{35}{42}$ (12.8)

$\frac{50}{50}$ $\frac{50}{49}$ $\frac{55}{47}$ (22.7)

$\frac{39}{53}$ $\frac{46}{47}$ (27.0)

$\frac{45}{55}$ $\frac{64}{49}$ (27.2)

$\frac{78}{55}$ $\frac{90}{49}$ (27.3)

$\frac{94}{54}$ $\frac{104}{50}$ (27.4)

3/12/27
C.W.S.
D.J.
A.B.
T.M.

X Section.

Line Revision.

318+84
309+50 - 318+79.25 =

26-62

Div. B.

Sta	+or-	Elev.
309+50		85.0
310+00		85.4 84.9
+50		85.4 84.9
311+00		85.8
+20	+0.3	86.1
+50		86.4
312+00		86.4
+50		86.4
+81 69		86.9
313		86.8
+23		86.5
+36		82.1

3/17/27
C.W.S.
D.S.
A.B.
T.M.

$\frac{2.5}{40}\ \frac{7.5}{27}\ \frac{6.7}{9}\ \frac{7.8}{8}\ 7.1\ \frac{7.0}{7}\ \frac{6.5}{8}\ \frac{6.5}{25}\ \frac{7.0}{26}\ \frac{7.0}{32}\ \frac{3.1}{37}\ \frac{4.8}{50}$

$\frac{5.0}{50}\ \frac{7.0}{42}\ \frac{7.6}{9}\ \frac{8.5}{8}\ 7.8\ \frac{7.8}{6}\ \frac{7.2}{7}\ \frac{7.7}{23}\ \frac{8.2}{26}\ \frac{8.6}{30}\ \frac{5.2}{35}\ \frac{8.2}{50}$

\- $\frac{4.5}{50}\ \frac{8.4}{37}\ \frac{8.0}{24}\ \frac{7.5}{9}\ \frac{8.0}{8}\ 8.0\ \frac{7.3}{5}\ \frac{7.3}{21}\ \frac{8.3}{23}\ \frac{8.7}{28}\ \frac{8.2}{29}\ \frac{10.0}{35}\ \frac{11.5}{50}$

$\frac{0.0}{56}\ \frac{4.4}{50}\ \frac{6.2}{47}\ \frac{6.7}{11}\ \frac{7.8}{6}\ 7.5\ \frac{7.0}{6}\ \frac{6.7}{20}\ \frac{9.7}{25}\ \frac{10.7}{34}\ \frac{11.7}{50}$

✓ $\frac{0.0}{102}\ \frac{5.0}{91}\ \frac{6.7}{74}\ \frac{6.5}{50}\ \frac{6.6}{8}\ 7.2\ \frac{7.0}{7}\ \frac{7.0}{21}\ \frac{10.2}{27}\ \frac{12.0}{50}$

$\frac{0.0}{102}\ \frac{5.0}{90}\ \frac{6.5}{79}\ \frac{7.0}{50}\ \frac{6.0}{35}\ \frac{7.0}{30}\ 7.0\ \frac{6.6}{11}\ \frac{7.8}{25}\ \frac{11.2}{31}\ \frac{12.2}{50}$

✓ $\frac{0.0}{89}\ \frac{6.0}{77}\ \frac{6.0}{37}\ \frac{6.5}{7}\ 7.0\ \frac{6.5}{7}\ \frac{7.5}{21}\ \frac{7.0}{29}\ \frac{11.0}{37}\ \frac{12.0}{56}$

✓ $\frac{0.0}{80}\ \frac{6.5}{70}\ \frac{6.0}{50}\ \frac{5.5}{20}\ \frac{6.0}{10}\ 6.8\ \frac{6.5}{15}\ \frac{7.0}{24}\ \frac{7.0}{34}\ \frac{8.0}{38}\ \frac{12.5}{45}\ \frac{12.5}{50}$

✓ $\frac{0.0}{67}\ \frac{6.0}{57}\ \frac{6.5}{30}\ \frac{5.5}{17}\ \frac{6.0}{10}\ 6.5\ \frac{6.2}{18}\ \frac{7.0}{26}\ \frac{7.8}{46}\ \frac{10.0}{50}\ 5.5$

$\frac{0.0}{67}\ \frac{7.0}{50}\ \frac{7.0}{35}\ \frac{6.5}{20}\ 6.6\ \frac{6.5}{19}\ \frac{8.0}{50}$

$\frac{+9.2}{65}\ \frac{0.0}{54}\ \frac{3.0}{50}\ \frac{7.5}{39}\ \frac{8.0}{12}\ 7.0\ \frac{7.0}{12}\ \frac{6.5}{15}\ \frac{6.2}{21}\ \frac{7.8}{35}\ \frac{8.0}{50}$

$\frac{+15.0}{66}\ \frac{+9.7}{56}\ \frac{1.5}{50}\ \frac{2.0}{37}\ \frac{7.7}{15}\ \frac{10.8}{7}\ 11.2\ \frac{}{8}\ \frac{6.5}{17}\ \frac{6.5}{26}\ \frac{8.0}{32}\ \frac{8.5}{50}$

Sta	+ or -	Elev
313 + 54		81.1
314+00		79.8
+50		78.3
315+00		78.2
+28		77.1
+50		77.8
+78		77.8
316		78.4
+50		77.9
+60.15		78.6
317		53.5
+32.59		87.3

3/17/27

+ 13.3 / 96 | +8.0 / 64 | 0.0 / 46 | 2.0 / 44 | 7.0 / 30 | 8.0 / 22 | 11.0 / 17 | 12.2 | 12.2 / 3 | 2.4 / 21 | 7.0 / 30 | 7.8 / 34 | 8.2 / 50

7.7 / 50 | 8.5 / 22 | 9.6 | 10.0 / 11 | 4.8 / 27 | 3.8 / 28 | 4.0 / 50

9.5 / 50 | 10.0 / 25 | 11.0 | 11.7 / 15 | 4.5 / 32 | 4.2 / 50

10.5 / 50 | 10.5 / 43 | 11.5 / 28 | 11.0 | 12.0 / 18 | 9.5 / 26 | 6.8 / 31 | 6.5 / 44 | 13.0 / 50

10.8 / 50 | 11.0 / 27 | 12.2 | 11.8 / 10 | 7.5 / 19 | 6.8 / 42 | 10.0 / 46 | 10.2 / 50

10.5 / 50 | 11.0 / 33 | 11.6 | 11.6 / 2 | 7.0 / 12 | 7.0 / 39 | 9.4 / 41 | 9.0 / 50

25 / 50

10.2 / 50 | 11.0 / 25 | 11.2 | 11.6 / 4 | 11.5 / 8 | 12.7 / 11 | 6.6 / 22 | 6.2 / 36 | 5.0 / 44

9.2 / 50 | 10.0 / 40 | 10.9 / 19 | 11.0 | 11.0 / 1 | 12.5 / 2 | 12.2 / 9 | 5.5 / 27 | 5.5 / 50

8.7 / 50 | 9.7 / 26 | 10.7 / 9 | 12.0 / 8 | 11.5 | 11.0 / 3 | 2.6 / 20 | 3.5 / 50

8.4 / 50 | 9.6 / 24 | 10.2 / 12 | 12.4 / 9 | 12.5 / 4 | 10.8 / 1 | 10.8 | 2.5 / 29 | 3.7 / 50 | 5.0

8.4 / 50 | 9.5 / 30 | 9.8 / 22 | 12.0 / 19 | 11.7 / 14 | 10.5 / 12 | 10.2 / 10 | 5.6 | 2.2 / 8 | 3.2 / 50 | 5.0

9.2 / 50 | 10.0 / 32 | 12.2 / 29 | 12.2 / 25 | 10.6 / 22 | 10.5 / 20 | 2.0 | 3.0 / 43 | 6.0 / 50 | 5.0

Sta	+or-	Elev
318		88.0
	+50	88.6
	+34.52 = Equa	88.9

X sec. Extended on the right from Sta. 315+78 to Sta. 318+00

315+78

316

+50

+60.15

317

+36.59

318

3/12/27
C.W.S
D.S.
A.B.
T.M.

7.8	8.8	12.2	12.0	9.2	12/14	1.4	1.5	11.7	11.8
50	43	40	36	33	31		29	50	51

7.2	8.5	9.8	0.8	1.0	11.5	11.0
50	35	20		21	43	50

6.2	7.4	0.7	0.5	0.7	11.2	11.2
50	34	20		21	42	50

			short line		
	5.9	7.6	12.0	12.0	
11.5	41	46	58	63	

				short line	
	5.9	5.2	9.5	10.1	11.8
11.2	50	54	60	67	71

			short line	
	5.5	5.4	11.8	
11.5	50	67	80	

			Water	
	5.5	5.6	11.8	12.8
10.9	50	67	81	86

			Water	
	5.9	5.4	12.0	13.0
5.6	50	57	76	81

		Water	
	3.1	11.5	11.6
2.1	47	65	70

	1.7	12.0	12.3
1.2	29	53	54

3/17/27
C.W.S.
D.S.
A.B.
T.M.

X Sections Cont.

Top Slope

309+50 - 313+56

26 - 62

Div "B"

Sta	+	H I	-	Elev	
B.M.	11.22	904.79		893.57	
T.P.	9.36	913.78	0.37	904.42	
			4.25	909.03	
309+50					85.0
310					85.4
+50					85.4
311.					85.8
T.P.	10.56	920.14	4.20	909.58	
+20					86.1
+50					86.4
312.					86.4
+50					86.4
T.P.	6.96	926.04	1.06	919.08	
81 69.					86.9
313.					86.8
+23					86.5
+36					82.1

Spike in 12" Oak 4+5 to 30+95.

5.0/20 6.5/65 9.5/50	28.8
7.2/75 10.8/58	28.4
8.3/79 12.4/59	28.4
5.5/104 9.2/81 11.7/60	28.0
9.2/132 11.8/106	34.0
8.5/38 10.6/106	33.7
7.5/128 7.0/98	33.7
1.0/117 1.0/84	33.7
2.8/106 4.4/78	39.1
1.5/114 5.2/80	39.2
4.4/104 12.5/69	39.5
7.8/93. 12.0/80	43.9

Sta	+	HI	-	Elev
		926.04		
T.P.	0.61	914.47	12.18	913.86
T.P.	0.49	903.64	11.32	903.15
T.P.	0.90	892.91	11.63	892.01
B.M.			13.22	879.69

spike in 6" Poplar 100 Rt. Sta 312+50

3/15/27
C.W.S
D.S.
A B
T.M.

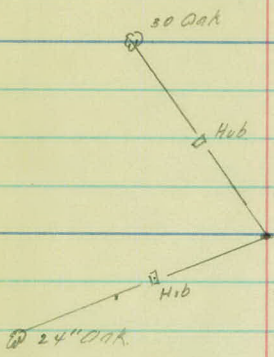
Alignment.

305+29.36 – 318+84.42

26-62.

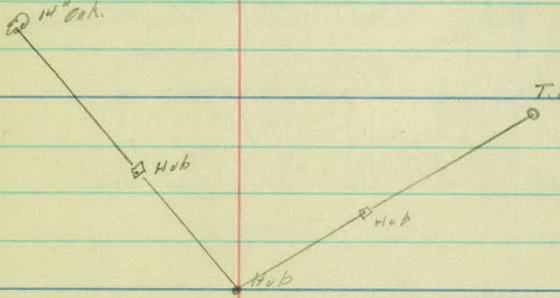
Div B

Stg	Point	A Lt	A Rt.	
316+60.51	PT		13°-08'	
+50			12°-37'	
316			10°-07'	
+50			7°-37'	Δ 26°16
315+81.69	PT		26°-16'	D 10°
315			5°-07'	T. 133.85
+50			2°-37'	L. 262.67
314			00°-07'	R. 573.69
313+97.84	PC.		00°-00	
312+81.69	P.T.	18°-48'		
+50		18-0'		
312		16°-46'		A 37°-37'
+50		15°-31'		
311		14°-16'		D. 5° Lt
+50		13°-01'		
310		11°-46'		T. 390.44
+50		10°-31'		
309+19.27	PT	37°-37'		L 752.38
309		9°-16'		
+50		8°-01'		R 1146.28
308		6°-46'		
+50		5°-31'		
307		4°-16'		
+50		3°-01'		
306		1°-46'		
+50		00°-37'		
305+29.36	PC.	00°-07		


30 Oak
Hub
Hub
24" Oak


0.7
S 77 E

Sta	Point	AL	AR
318+79.25			
318+94.42	P.I.	7°-28.30	Δ 14°-47
+50		5°-40'	D 100
318+11.01	P.I.	14°-47'	T 74.42
318		3°-10	L 147.83
+50		00°-40'	R 573.69
317+36.59	P.C.	0°-0	


14" Oak.
Hub
T.P
Hub
Hub

3/17/27
C.W.S
D.J.
A.B.
T.M.

Topography

309 - 318+84

26 - 62

Div B.

314

+64 ℄ Cattle Pass 4'x16'x 42'

313

312

311

310

309

3/7/27

+75 T -1-

End Tree

16. Trees.

+54 S.W 20-50

Lowland.

+65 - 19'

Borrow Pit.

Road.

+04 X Drain 30" X 90 P.

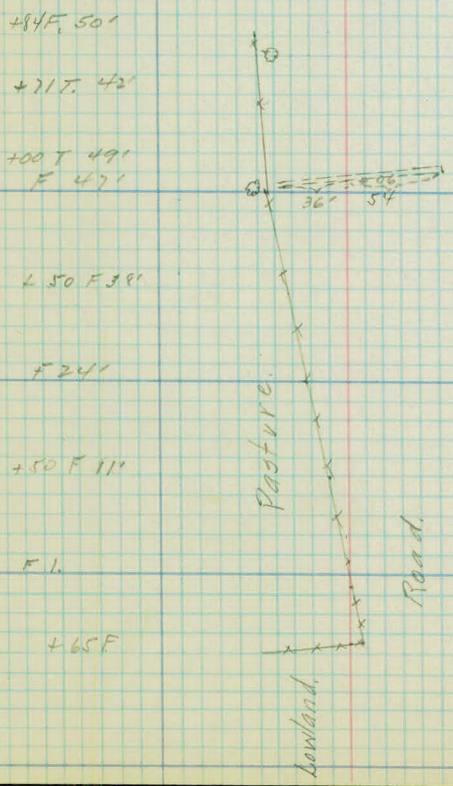
318

317

316

315

9/17/27
CWS
D.S
A.B
T.M.



3/17/27
C.W.S.
D.S
A.B.
T.M.

To Level 3.

309 – 318+84.75

26 – 62

Div B

Sta	+	H I	−	Elev	
B M.	8.90	888.56		879.66	
309+50				885.0	3.6
310				85.4 849	3.2
+50				85.4 849	3.2
311				85.8	2.8
+50				86.4	2.2
312				86.4	2.2
+50				86.4	2.2
+81.69				86.9	1.7
313				86.8	1.8
+73				86.5	2.1
+36				82.1	6.5
+54				81.1	7.5

3/12/27

Spike in 6" Maple 100 Rt Sta 312+80

Sta	+	HI	−	Elev	
		888.56			
314		79.8			8.8
+50		78.3			10.3
315		78.2			10.4
+28		77.1			11.5
+50		77.8			10.8
78		77.8			10.8
316		78.4			10.2
+12		78.9			9.7
+20		77.4			11.2
+42		77.0			11.6
+50		77.9			10.7
+60.51		78.6			10.0

5/17/27

2+a	+	HI	−	Elev.	
		888.56			
317		83.8			4.8
+36 59		87.3			1.3
+50		87.3			1.3
318		88.0			0.6
+50		88.6			0.0
318+14 25 = 318+39 25	Equip.	88.9			+0.3
B.M.			8.90	879.66	

3/17/27

Spike 6" Poplar 100' Rt Sta 312+50

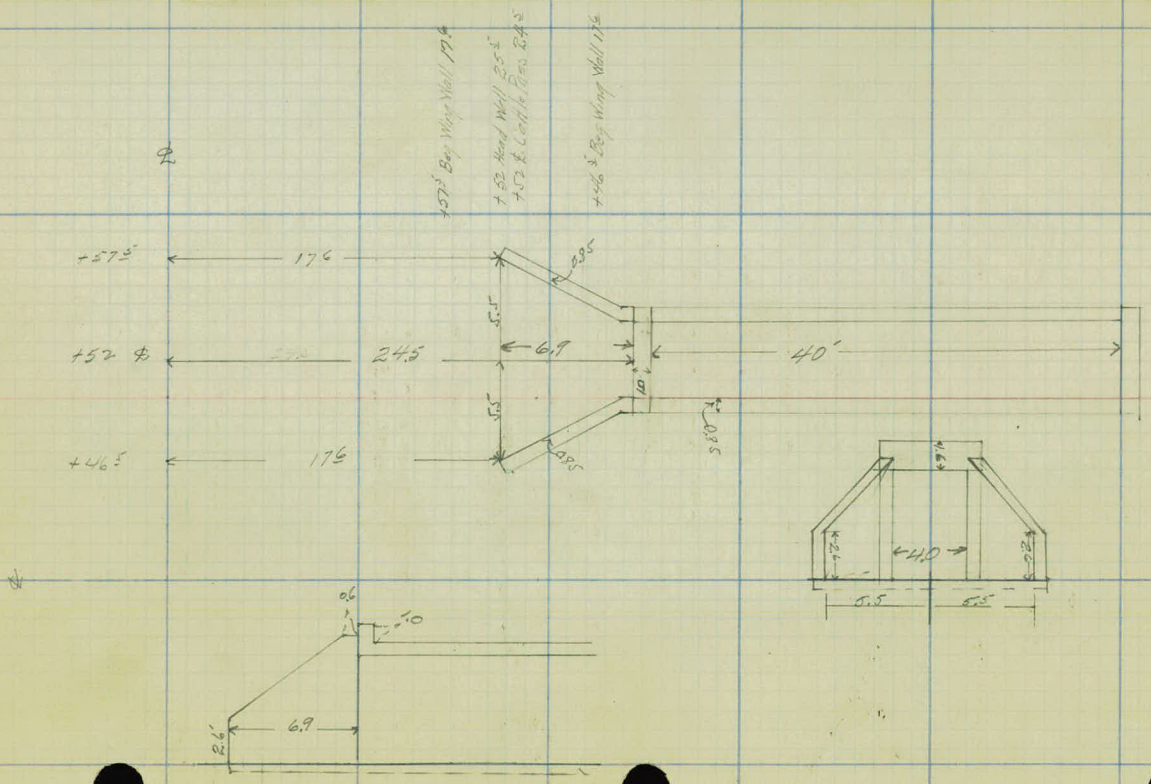
4/25/27

Topography
Cattle Pass
Sta 313+52.

C.W.S.
D.S.
A.B.
T.M.

+52 2 Cattle Pass

313


+57.5' Bay Wing Wall 17.6
+52 Head Wall 24.5'
+52 & Centre Line Bridge
+46.5' Bay Wing Wall 17.6
+57.5'
17.6
+52 ℄
24.5'
+46.5'
17.6
6.9
5.5'
5.5'
0.85
0.85
40'
1.0
0.6
1.0
6.9
2.6'
4.0
2.6'
5.5'
5.5'

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