

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Rd. Map Survey

CENTERVILLE RD

From Edgerton St To No. Co. Line

Road Acc't. No. 2

Date Filed 4-7-25

File _____

4-7-25

CENTERVILLE RD

EDGERTON ST

To

N. CO. LINE

Sta. Pt Alt Δ Rt. (3/8/34 RG)

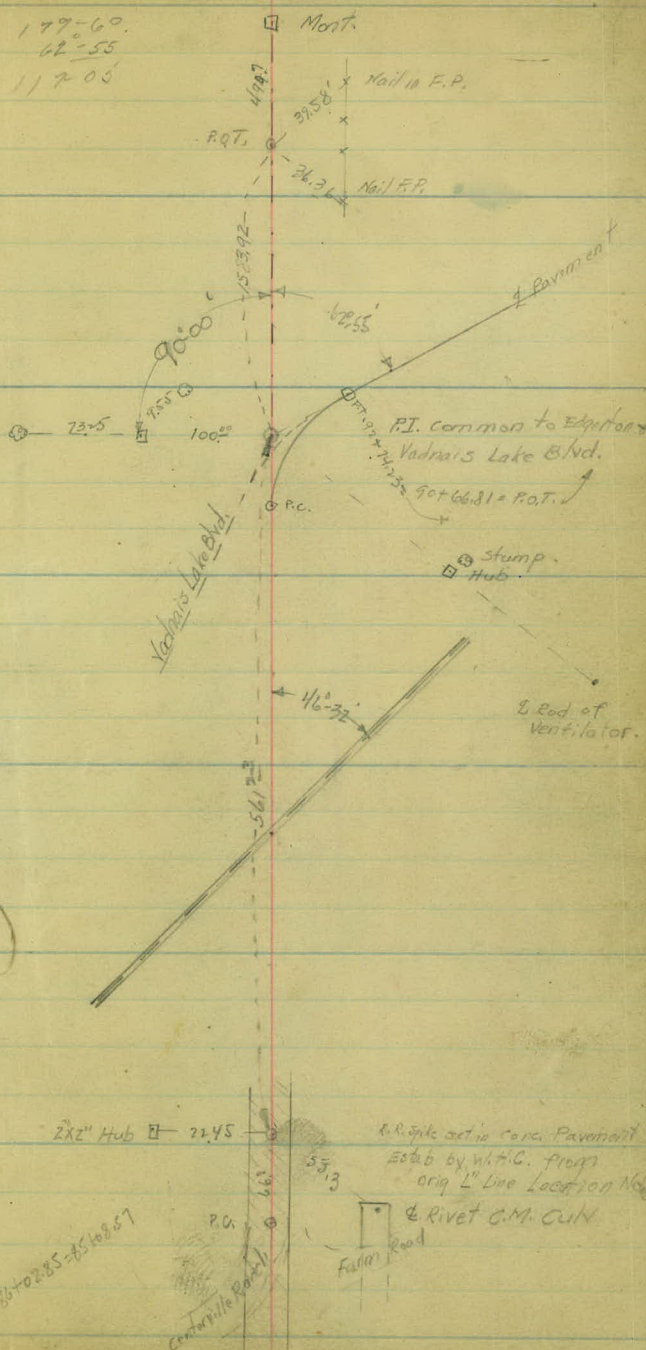
92+74.23	Pt		31°-27.5'	
+50			29°-02'	Δ 62°-55' Rt.
92			24°-02'	D 20°
+50			19°-02'	T 176.15'
91+35.8	P1			L 314.58'
91			14°-02'	R 287.94'
+50			9°-02'	
90			4°-02'	
89+59.65	P.C.		0°-00'	

88+25.2 Pot N.P. R.R.

85+74.57 Pot Mont

For S. of 85+74.57 See
Edgerton Sta. notes

177-60.
62-55
11205



186+0285=856857

Station Point Lt. Δ Rt. Bear.

2211 78

106+68.12	P.T. ✓	2°-35'	
106		2°-14.6'	1° C. Pt.
105		1°-44.6'	Δ 5°-10'
104		1°-14.6'	P.I. 104+09.95
103		0°-44.6'	T. 258.5
102		0°-14.6'	L 516.67
101+51.45	P.C. ✓	0°-00'	R. 5729.65

672 83

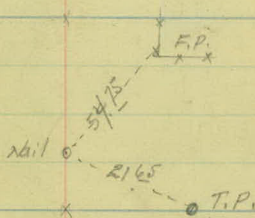
98+16.15	P.T. ✓	15°-21'	20° C. Lt.
98+00		13°-44.1'	Δ 30°-42'
97+50		8°-44.1'	P.I. 97+14.68 97+41.68
97+00		3°-44.1'	T. 79.03
96+62.65	P.C. ✓	0°-00'	L. 153.5 R. 287.94

W.H.C.
S.L.P.
M.G.
R.E.

12-14-25



96 + 16.15



Station Point Lt. Δ Rt Bear.

948.25

127+38.9	P.T. ✓	R-10.5'	1° 0' Rt
127+00		0° 58.8'	Δ 2° 21'
126+50		0° 43.8'	P.I. 126+21.4
126+00		0° 22.8'	T. 117.5'
125+50		0° 13.8'	L. 235.00.
125+03.9	P.C. ✓	0° 00'	R. 575.65.

121+23.3 = Q.D. Keokuk Road.

119+33.12

P.O.T.
on Sec. Line

Scotch Tree 32° + in Pavement.

24" Tree 57°

Kocher Pond. 69° 27'

52° 42'

52° 60' Rd "E"
764.25

G.R.P.

16.06'

G.R.P.

21.07'

Nail set in Pavement

Nail set in Pavement

to Iron Man. Set in Pavement

Station Point Lt. A Rt. Bear.

940.00

154+98.31 P.T. ✓ 10°32.5'

154+50 9°20' 5° C. Lt.

154 8°05' Δ 21°05'

+50 6°50' P.I. 152+89.95

153 5°35' T. 213.31

+50 4°20' L. 421.67

152 3°05' R. 1146.28

+50 1°50'

151+00 0°35'

150+76.42 P.C. ✓ 0°00'

1729.42

137+92.87 P.T. ✓

14°01'

+50 12°33'

137 11°03'

+50 9°33' 6° C. Rt.

136 8°03' Δ 28°02'

+50 6°33' P.I. 135+70.15

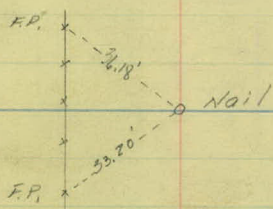
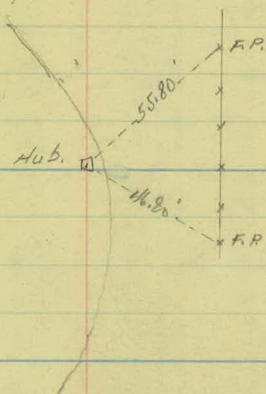
135 5°03' T. 238.5

+50 3°33' L. 467.22

134 2°03' R. 985.37

133+50 0°33'

133+31.65 P.C. 0°00'



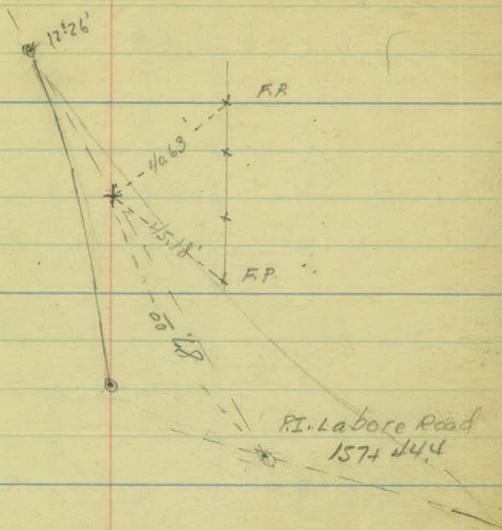
Station Point Lt. & Rt. Bear.

474.55

169+85.52	P.T. ✓	60-13'	C = 40' C.Lt.
169+50		50-02'	Δ 12°-26'
169+00		3°-22'	P.I. 168+92.7
168+50		1°-42'	T. 93.67 ✓
168+00		0°-02'	L. 186.49 ✓
167+99.03	P.C. ✓	0°-00'	P. 859.92 .

707.59

165+22.94	P.T. ✓	73°-50.5'	
165		72°-58.9'	
164		19°-13.9'	7°-30' C.Lt.
163		15°-28.9'	Δ 47°-41'
162		11°-43.9'	P.I. 162+25.00
161		7°-58.9'	T. 337.23 41.03
160		4°-13.9'	L. 635.77 55.7
159		0°-8.9'	P. 764.49 .
158+87.17	P.C. ✓	0°-00'	



10" Oak, 13.5'

2"x2" Hub, 1

Hub, 22.35'

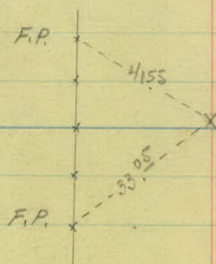
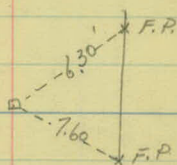
Station Point Lt. Δ Rt Bear.

668
42
839

184+26.63	P.T. ✓	18°-56.5'	
184		17°-45'	
+50		15°-30'	9° C. Rt.
183		13°-15'	Δ 37°-53'
+50		11°-00'	P.I. 182+24.4
182		8°-45'	T. 218.7
+50		6°-30'	L. 420.93
181		4°-15'	R. 637.27
+50		2°-00'	
180+05.1	P.C. ✓	0°-00'	

61
858

175+12.74	P.T. ✓	3°-39.5'	$\rightarrow$ R.!
175		3°-30'	2°-30' C. Lt. R!
+50		2°-52.5'	Δ 7°-9'
174		2°-15'	P.I. 173+66.6
+50		1°-37.5'	T. 146.53
173		1°-00'	L. 292.67
+50		0°-22.5'	R. 229.01
172+20.07	P.C. ✓	0°-00'	



Station	Point	Lt. Δ Rt.	Bear.
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193+71. ⁰⁰	P.O.T.		
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5389.08

189+89.4	P.O.T. Mon.		
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189+79.12	P.T. ✓	15° 48'	
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+50		13° 37'	
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189		9° 52'	
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15° C.L.T.

$\Delta 31^{\circ} - 36'$

P.I. 188+76.85

+50		6° 07'	
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T. 108.40 ✓

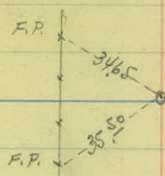
L. 210.67 ✓

188		2° 22'	
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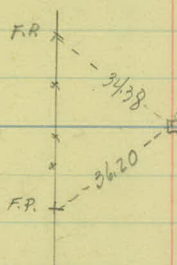
R. 383.06 ✓

187+68. ⁴⁵	P.C. ✓	P° 00'	
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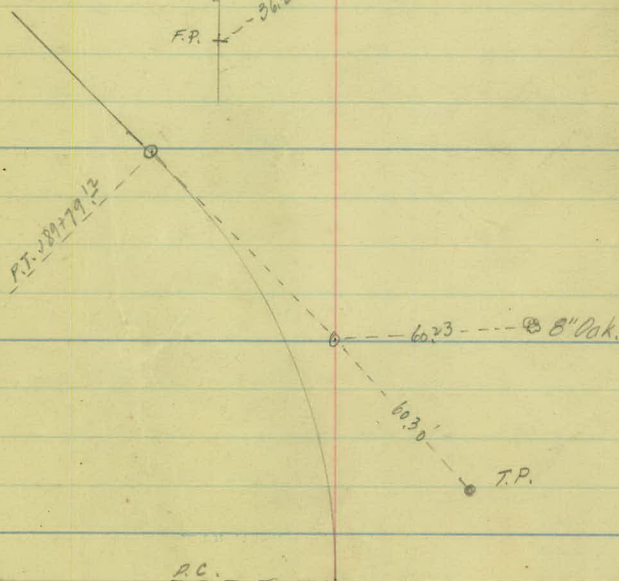
W.H.C. Dec. 21, 1925
 A.L.P.
 M.E.
 H.B.



480.7



N 1/4 28 6 Rdf



Station Point H. A Rt Bear.

$$268 + 89.25 = 406.25 = \text{Mon.}$$

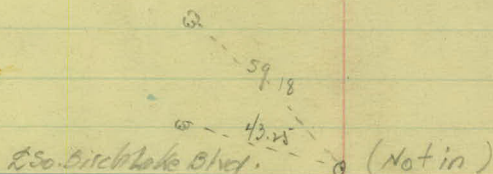
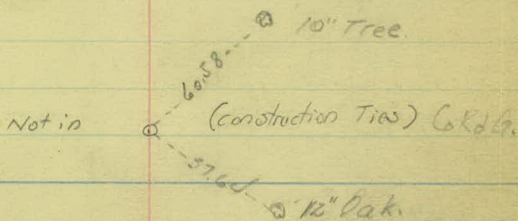
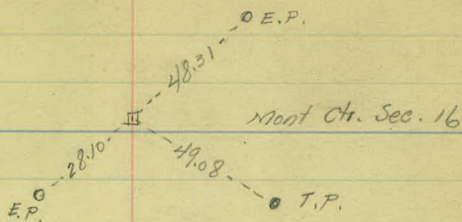
Road #3

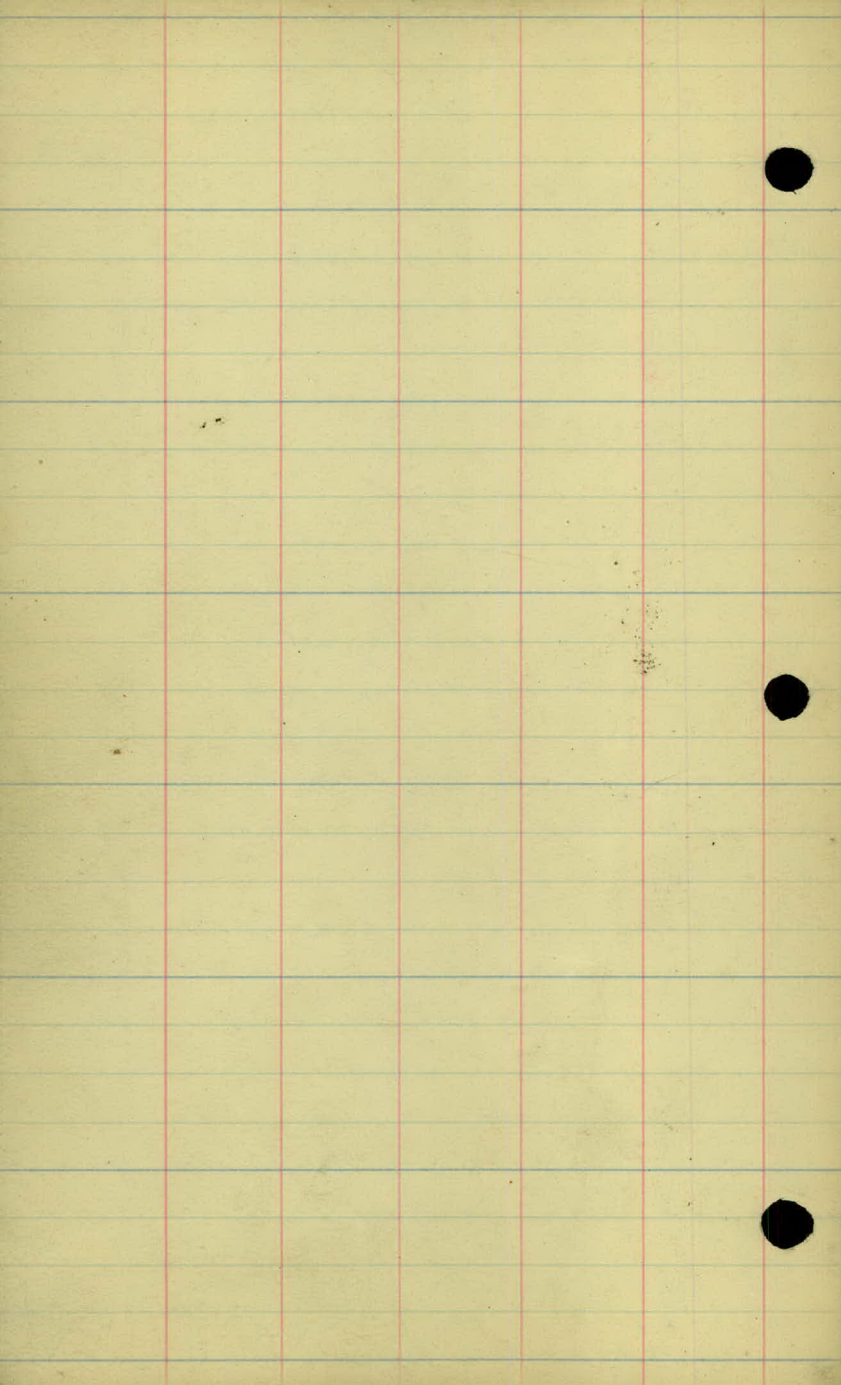
267 + 83.8 End Pave 1923

2640
05

242 + 49.8 P.I. Mont. 0° 24'

216 + 16.63 P.O.T. Mont. 1923





Rd. No 2

Topography

Centerville Rd.

Sta

(3-8-34 RG)

89+50

89

88+50

See detail of Bridge P.

+25.2

⊥ N.P. RR

Hor. Cl.

East 12.4'

West 12.8

North 14.3

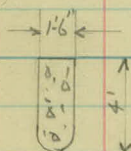
East South 13.9

Vert. Cl.

West North 14.2

South 13.7

88



2 Conc. Bumpers

88+50

2.5' High 2-Red Reflectors

87

For Rd N^o 2 Notes back
of Sta 86+50 see Notes
for Edgerton St.

86+50

495-B.G.R. 13.2

Perf 59.6

Gutter 15-21

476-Cor. C.B. 4"x4"

Gutter 19-25

Gutter 16-21

+35-checker Board 4'x14'

+35-Curb .75

+35-

+77-E.Curb 18'-Pave 12.6

+19-checker Board 2'x14' 13'

+14-Curb .76

+15-checker 4'x14'

Curb 1.6

+98-checker Board 16

+88-pave 12.1

+88-B.Curb 17.4

+77-30g Int. curb

+60-E.Curb 12.8

+60-Pave 12.5

+51-curb 14.7

+51-checker Board 3'x14'

+34-Curb-15

+32-9' checker Board 12'x14

+24-Pave 12.8

+24-Pave 12.8

+15-curb 2.6

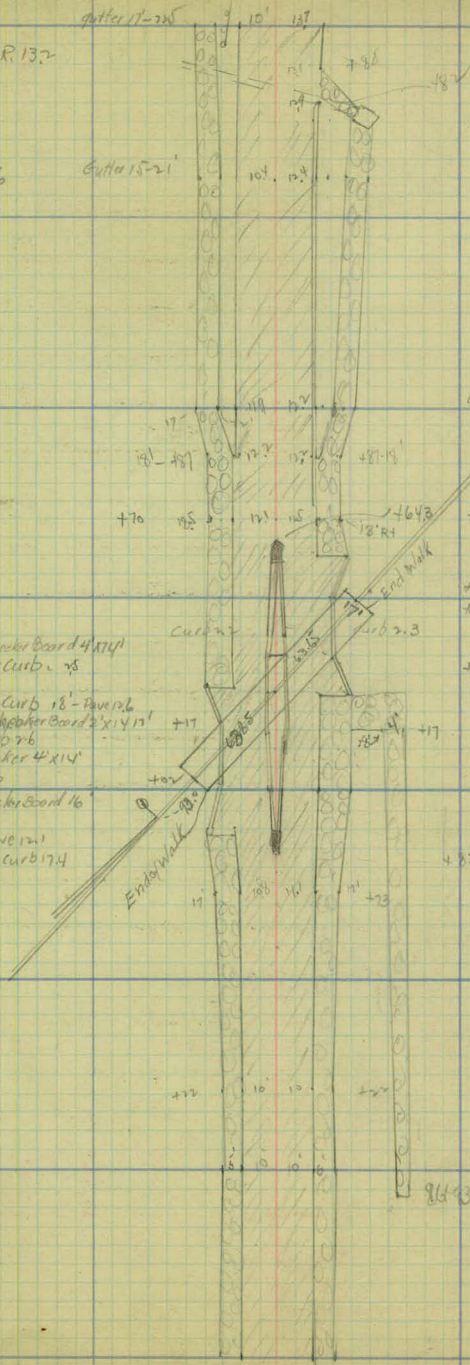
Curb 17

Pave 12.1

Gutter 15

4.835

26.3



station.

93+00

92+50

92+00

91+50

91+00

90+50

90+00

✓ G.R. 14

Pasture

✓ +74-25-T.T. G.R. 14

✓ +54 Center Pier Sign 16
+58-45-25
G.R. 148

Start

✓ +23-A G.R. 27

✓ G.R. 47

See Notes for road
See Notes for road

See Notes for Survey
for connections

✓ +37-A G.R. 131
✓ +76-A G.R. 14
✓ +72-E But 21-17
✓ +17-A G.R. 16

✓ Job M. B. 14
✓ Job G. R. 17

cultivated

G.R. 14

+74-G.R. 15

G.R. 15

G.R. 17.4

G.R. 17

+30-G.R. 16
+22-B. G.R. 17

curve

widening for

unimproved road

97400

96450

96400

95450

95400

+69- 2 Cattle Pass W. 46 (See Detail P.)

94450

94400

93450

5-25-25

- ✓ +41-G.R. 28'
- ✓ +24-E.G.R. 144'
- ✓ +16-Δ G.R. 136

- ✓ +60-0.I.T. curb
- ✓ +54-E.C.V. N₂
- ✓ +48-E.C.V. 74' 12" x 12" C.M.

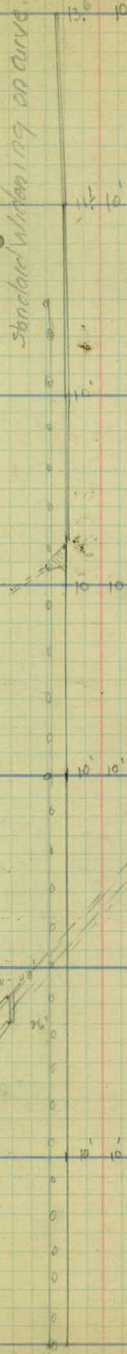
- ✓ +36-P.R. 29'
- ✓ +24-E.G.R. 144'
- ✓ +16-Δ G.R. 136

Farm Yards

G.R. 13.6
+90-F.C.V. 33'

+35
W.W. +43'

G.R. 14'
F-35



φ

POLE

+42-C.C.C.P. 21.7

+13-E.W. 132'
+07-38'-Gr. W. 107'

G.R. 13.4

G.R. 13.5
F-39'

+78-E.I.T. curb
+25-B.F. 28

108- Int of Land Ling Lt.

103

102

101

123 - F. ENT Lt.

✓

100

132 2 F. ENT Rt.

✓

99

98

145 2 F. ENT Lt.

✓

9700

+79-G.P. 28' ✓

+58-P.P. 28' ✓

+20-Wood Sign 37' ✓

+79-T.P. 28' ✓

+58-T.P. 26' ✓

✓ +84-P.P. 28'

+23-T.P. 24' ✓

✓ +09-P.P. 28'

Cultivated

Cultivated

+01-T.P. 22' ✓

✓ +76-E. Int Curb

P. 48'
27K 90' ✓

+68-T.P. 21' ✓

✓ +32-P.P. 28'

+79-M. Ex 17'

12" X 25' C.M.

+22-E. Cor 38' ✓

✓ +23-IRA Sign 17'

+47-T.P. 31' ✓

Scale 1" = 100'

110

+63 F. ENT + RI

✓

+59 F. ENT +

✓

109

108

107

+13 F. ENT LT. & RT

✓

468

106

105

104

✓ +6 F.P. 28'

✓ +22 F.C. 28'

+04 M.B. 15'

Bold
Yard

Form
Yard

✓ 12'x24' C.M.

✓ +83 P.P. 28'

✓ +50 F.C. 28'

Cultivated

✓ +12 P.P. 28'

✓ 12'x24' C.M.

+70 M.B. 17'

Cultivated

✓ +36 P.P. 28'

Cultivated

+32 T.P. 28'

+94 T.P. 28'

+71 T.P. 28'

12'x24' C.M.

+45 T.P. 29'

+09 T.P. 27'

117

116

115

114

113

420 - 2 F. Ent. Rl

✓

112

445 - 2 F. Ent. Gate

✓

111

F-31

✓ +61-P.P. 29

✓ +77-P.P. 28'

✓ +12-P.P. 28'

✓ F-29

✓ +35-R.P. 28'

+99-P. 100 29'

✓ 24' X 16' V.L.

Pasture

Bar Vail

Cultivated

+56-T.P. 28'

F-33'

+58-T.P. 28'

+47-T.P. 28'

+19-T.P. 28'

+91-T.P. 28'

+50-B.F. 37'

12" X 24" C.M.

+59-T.P. 28'

124

123

122

+23.3 L. Koehler Road. ✓

121

120

+26- L 24" X 48" P.3 ✓

+33¹² L Co. Rd "E" ✓

119

+34 24" X 41" - P.3 ✓

118

School
Yard

✓ +07-F. Cor 38'

+25-T.P. 28' ✓

Waste Land.

+05-T.P. 28' ✓

Cultivated.

+73-T.P. 28' ✓

✓ +57-F. Cor 34'
✓ +55-Tr. Rd. Sq. 23

✓ +13-E. G.R. 273'
✓ +06-D. G.R. 180'

✓ +94-F. Cor. 34'
✓ +82-N. B.X. 14' ✓ +92-D. G.R. 126'

+57-T.P. 28' ✓

1923 Paving.
+25-Tr. School S. 14'

✓ +07-Pave 154'
✓ +82-B. Rod. Pave 78'
✓ +96-Tr. Rd. Sq. 24'
✓ +99-T.P. 29'
✓ E. C.W. 50 P'

✓ 12' X 26' C.N.
✓ +45-M.P. 61'

✓ +12-Gate Post 51'
✓ Pave 10' 8' 27'

✓ +98-D.F. 40'
✓ +91-E. C.W.

✓ +67-Tr. 20'
✓ +65-Pave 10' 8' 174'

✓ +52-T.P. 78'
✓ +40-Pave 126'

✓ +205-B. Int. Cor 111'
✓ +40-D.F. 32'

✓ +25-B. G.R. 14'
✓ +77-B. G.R. 147'
✓ +76-R.P. 32' (last)

Pasture

Cultivated

+15

L. FLINT RT.

✓

131

130

129

128

127

126

+20

Drive to School

✓

125

F-29'

+95-F. Cor. 31' ✓

Barnyard.

+55-F. Cor. 31' ✓

12" X 245

+82-T. A. 28' ✓

Farmyard.

✓ +62-In. Curve Sq. 15'

✓ +33-In. Sep. Sign 143

✓ F-28'

+64-F. Lim. 31' ✓
+60-T. P. 28' ✓

+38-Tree 30' ✓

Pasture.

cultivated.

+40-T. P. 28' ✓

+65-Tree 30' ✓

+22-T. P. 28' ✓

✓ +18-F. Cor. 30'
✓ +18-G. P. 28'

+21-T. P. 28' ✓

+31-T. P. 28' ✓

138

137

136

135

134

486 L. F. Ent. Ry ✓

133

132

✓ +07-E.P. 33'
✓ F-34'

✓ F-32'

✓ +44-E.COR. 34'

✓ F-61'

✓ +75-G.P. 46'

✓ F-45'

✓ +53-G.P. 29'

✓ +95-B.F. 32'

✓ 12"X75 C.N.

✓ +78-E.F. 30'

Old Road

Waste Land

Gate

175

23'

Cultivated

cultivated.

+17-E.Spillway ✓

+13-E.Curbing 10 ✓

+08-T.P. 32' ✓

+95-T.P. 30' ✓

+66-T.P. 28' ✓

+55-T.P. 26' ✓

+35-T.P. 22' ✓

✓ +51-Beg. Int. Curb 10'

+07-T.P. 28' ✓

145

144

143

142

141

140

139

F-113

F-331

791-T.P. 28

✓ 44-A.C. 152'
✓ 38-F.C. 25

Waste Land

✓ 124-E.G.R. 148
✓ 21-A.G.R. 140

Ditch

Ditch

134-T.P. 24
134-T.P. 31

188-E.C. 11

F-33

Waste Land

Cultivated

G.R. 13.6

181-T.P. 25
131-T.P. 32

F-23
G.R. 13.2

143-T.P. 28
143-T.P. 33

✓ 15-B.G.R. 13.8
✓ 107-B.G.R. 14
✓ F-33

116-A.G.R. 13.7
108-B.G.R. 14.8

187-B.F. 33

125-T.P. 32

152

+13 2 FENT RY

151

150

149

148

147

146

✓ F-30'

✓ 127- spillway
F-28'

✓ 102-B. Int. curb.
F-28'

✓ F-28'

✓ F-31'

✓ F-37'

R.R. F. 44'

+84-T.P. 35'
+75-E.F. 35'

+11 T.P. 30'
R.R. Fcn. 50'
F-34'
G.R. 13.5

+54-10" Oak 36'

+25 8" Oak 34'

F-34'
+97-A.G.R. 13.5
+89-B.G.R. 14
+25-T.P. 28

F-35'

+56-T.P. 29'

F-34'

+67-E.G.R. 14
+59-A.G.R. 13.4

+25-T.P. 28'

F-34'

F-33'

+97-T.P. 28'

Lake Bed
Hay Meadow

Waste Land.

159

158

157

156

155

154

+ 88-

E. F. ENTRA

✓

153

✓ +37-Spillway
F-35'

✓ +12-B. Int. curb 10'
✓ +13-E. G.R. 12.8
✓ +105-B. G.R. 24
F-29'

✓ +60-N Tree 21'

✓ +29-14" Tree 16'
✓ +61-6" Tree 15'
✓ +55-8" Tree 14'
✓ +19-8" Tree 15'
✓ +10-12" Tree 14'
✓ +109-8" Tree 14'
F-25'
G.R. 24'

✓ +73-E. Int. curb 11'

✓ +23-10" Tree 20'
✓ +18-G. R. 12.4
✓ +10-B. G. R. 13

✓ F-32'

+101-B. G. R. 13.6 ✓

+93-B. G. R. 14.0 ✓

+47-T.P. 18' ✓

+120-T.P. 26' ✓
+114-E.F. 29' ✓
Track 32' ✓

+121-T.P. 29' ✓

+11-T.P. 27' ✓
F-30' ✓

ETR 53' ✓
F-29' ✓

+80-T.P. 26' ✓

+101-B.F. 32' ✓
+86-E.F. 34' ✓
+10-E. G.R. 14.3 ✓
+72-A. G.R. 13.8 ✓
+58-T.P. 28' ✓

10" x 20" CM.

12'

166

165

164

163

162 400

161 + 00

-Int of Road North.



160

F-28'

F-28'

+96-E. Int. cur D 16'

F-29'

+24-E.G.R. 14' ✓
+16-A.G.R. 13' ✓

F-27'

G.R. 14' ✓

F-25'

G.R. 14' ✓

+02-10" Oak 27'
F-34'

At 10' above road
+38-culv.
+38-B.G.R. 22 ✓
+38-A.G.R. 14' ✓

+60-14" Oak 23'

15" X 25"

F-33

+20-E.G.R. 184 ✓
+11-A 15.5 ✓
G.R. 14' ✓
F-34.5 ✓

+59-G.R. 27' ✓
+56-E. Rd. 27' ✓

+57-T.P. 23' ✓

173

172

171

170

169

168

167

✓ +92-G.P. 29'

✓ F-33'

✓ F-33'

✓ F-30'

✓ +52-E.Int curb H.

✓ F-32'

✓ F-35'

✓ F-31

✓ +56-curve Sgn 13'

✓ +29-B.Int. curb 10

✓ +23-spillway 185

F-35'

✓ +91-T.P. 30'

✓ F-38'

✓ +62-T.P. 34'

✓ F-38'

✓ +65-B.int Rt.

✓ +58-spillway 18'

✓ +32-T.P. 36'

✓ F-37'

✓ +66-T.P. 37'

✓ F-38'

✓ F-414'

✓ +75-T.P. 45'

✓ 15" X 85" C.M.

✓ +97-curb End.

✓ +75-Int. Rd Sg. 30'

pasture

Laurel Road

180

+93 - 2 FEET RT. ?

179

178

177

176

175

174

G.R. 13.
F-33'

+18-A.G.R. 143
+10-B.G.R. 141
+04-F. 141.31

12" x 246 c.W.

+83

F-38'

F-37'

+19-12" Oak 30

+18-E.G.R. 14
+10-A.E.R. 138
F-36'

+99-A.G.R. 138
+91-B.G.R. 141
+92-Tee 27-10" Oak

F-24'

F-34'

+13-10" Oak 22'
+13-10" Oak 21'
+26-14" Oak 33
F-36'

+30 B. Int. Curb
F-35'

F-34'

+60-10" Oak 29'

F-33'
+94-7" Oak 30'

+71-E. Int. Curb

+19-T.P. 45'
F-31'

to line across field.

187

186

185

184

183

182

181

✓ F-34'
+85-E.G.R. 16'
+77-A.G.R. 14'

✓ 183-E.F. 31'

✓ 131-F.C.R. 30'
Ditch.

✓ F-30'
✓ 199-B.Int. Cuid
✓ 191-Spillway 10' x 17' C.M.

✓ 170-F.C.R.

✓ F-30'

✓ F-29'

✓ 106-A.G.R. 135'
F-31'

✓ 104-Spillway 10'
F-30'

✓ 198-B.G.R. 14'

✓ 192-E.Int. 10'
✓ 166-A.G.R. 13.4'
✓ 157-E.G.R. 13'

✓ F-29'

✓ F-31'

✓ 185-E.G.R. N.Y.

✓ 176-A.G.R. 118

✓ F-30'
G.R. 14

✓ F-31'

✓ F-32'
G.R. 138

✓ F-31

194

193

192

191

190

189

188

F-33'

W.H.C.
G.L.P.
M.G.
H.B.

12-21-25

✓ F-33
✓ +92-T.P. 28'

✓ +56-T.P. 24'

✓ +31-T.P. 30'

✓ F-33'

✓ +96-E.Int. Curb

✓ +107-T.P. 32'
✓ F-33

✓ +27-T.P. 28'
F-31'

Scattered Timber.

+75-E.G.R. 14' ✓

+67-Δ G.R. 18' ✓

+20-T.P. 35' ✓

201

200

199

198

197

196

195

F-33'

+88-A.G.R. 13'

+80-B.G.R. 14'

+73-T.P. 28'

+37-T.P.

+13-F.P.

F-33'

+79-T.P.

+51-T.P.

+18-T.P. 28

208

207

206

122- L FENT RI ✓

205

204

203

202

12'x25' C.M.

+98

27'

✓ +26-T.P. 28'

✓ +01-T.P.

✓ +65-T.P.

✓ +38-T.P. 28'
✓ +18 E. G.R. 14'
✓ +11-A G.R. 12.5'

✓ +02-F. Cor. 34'

✓ +99-T.P. 28'

+45-F. Cor. 34' ✓

+25-B.F. 33' ✓

12'x25' C.M. ✓

+06-E.F. 33' ✓

+62-F. Cor. 33' ✓

215

214

213

212

211

210

toq- S.F.E. Lt

209

15" x 52' C.M.

+90

✓ +82-T.P. 27'
✓ +77-T.P. 27'

✓ +66-T.P. 27'
✓ +48-T.P. 28'

✓ +20-T.P.

✓ +87-T.P.

✓ +61-T.P. -28'

+16 24 x 41 P2
222

177- 2 FEET RT.

221

220

219

218

158- 2 FEET LT. ✓

217

+16 2 Birch Lake Blvd. ✓

216

✓ +71-A G.R. 13
 ✓ +63-B.G.R. 14
 ✓ +58-T.P. 27
 ✓ +45-F. Cor. 25
 ✓ +44-T.P. 26

✓ +71-A G.R. 13
 ✓ +63-B.G.R. 13
 ✓ +57-24" Tree 20'
 ✓ +38-10" Tree 19'

✓ +29-T.P. 27
 ✓ +20-T.P. 26

✓ +53-M. Bx. 14

✓ +04-T.P. 27

✓ +75-T.P. 26

✓ +23-F. Cor. 26

✓ +69-T.P. 27

✓ +24-T.P. 26

✓ +42-T.P. 27
 ✓ +40-F. Cor. 34

12"x15' C.M.
 +44

✓ +30-T.P. 26
 ✓ +20-In. Sign Reflec. 33
 ✓ +23-In. Rd. 25
 ✓ +16-F. Cor. 24
 ✓ +16-T.P. 31
 ✓ +16-T.P. 30

✓ +62-(3) M. Bx. 15'

Farm Yald.

cultivated

cultivated

229

+75-

2 F. ENT IT

✓

228

227

226

225

+97-

2 F. ENT IT

✓

224

f10

24" X 41" P.3

✓

223

✓ +09-T.P. 28'

✓ +76-T.P. 27'

✓ +87-T.P. 26'

✓ +20-T.P. 24'

✓ +51-T.P. 26'

✓ +73-T.P. 24'

✓ +31-T.P. 26'

12" x 24" CM

✓ +08-T.P. 26'

✓ +09-F.G.P. 13.5'

✓ +01-A.G.R. 13'

✓ +90-T.P. 26'

+34-F. COR. 31'

cultivated.

Fruit Yard.

+83

23

Cult. vated

+87-M.B.X. 12'

+07-E.C.R. 13.5'

+99-A.G.R. 13'

+50-F. COR. 26'

768 - 24" x 41' P3 ✓

236

235

234

233

232

f12- 24" x 49' P 3, ✓

231

230

✓ +92-T.P. 31'

✓ +35-T.P. 30'

✓ +69-T.P. 31'

✓ +91-T.P. 29'

✓ +33-T.P. 31'

✓ +36-30'

✓ +07-T.P. 31'

✓ +83-E.G.R. 135'

✓ +75-A.G.R. 13

✓ +79-T.P. 29'

✓ +71-T.P. 31'

✓ +80-A.G.R. 13

✓ +71-B.G.R. 135'

✓ +41-T.P. 29'

✓ +31-T.P. 30'

F-31'

F-31'

F-31'

F-31'

F-31'

+83-E.G.R. 135'
+75-A.G.R. 13

+81-A.G.R. 131'
+72-B.G.R. 135'

cultivated

timber

20'

17.46

+30 - Q.F. Ent R1

✓

243

+50 - E Co. Road "G"

✓

242

+61

24" X 19' P.3

✓

241

240

239

238

+48 - Q.F. Ent Lt

✓

237

✓ +83-A.G.R. 27'
+82-A.G.R. 19'
+74-A.G.R. 13.5'
✓ +47-T.P. 29'

+80-A.G.R. 13.5'
+63-A.G.R. 21'
+61-B.G.R. 18.5'
+37-E.G.R. 27.5'
+34-A.G.R. 24'

✓ +21-A.G.R. 13.5'
✓ +17-T.P. 30'

✓ +10-T.P. 30'

✓ +82-T.P. 30'

✓ +62-A.G.R. 14'
✓ +54-B.G.R. 14.5'

✓ +55-T.P. -30'
✓ +54-T.P. -30'

✓ +28-T.P. 31'

✓ +99-T.P. 30'

✓ +68-A.G.R. 14'
✓ +60-B.G.R. 14.5'
✓ +58-M.B. 15'

✓ +19-F. cor. 33'

+42-E.G.R. 14'
+28-A.G.R. 13.5'
+10-F. cor. 33.5'
+49-IRMS 20'

✓ +61-A.G.R. 13.5'
✓ +52-B.G.R. 14.5'

F-35'

F-33'

+58-14" Oak 21'

10' Oak

To Rd G

Marsh

Marsh

Pasture

250

249

248

247

246

245

244

✓ +38-T.P. 31'

Orehard.

✓ +01-T.P. 31'

✓ +45-T.P. 31'

+13- F. Line. 33

✓ +85-Hq. Sq. 17'

✓ +80 T.P. 31'

✓ +62-T.P. 38

✓ +93-T.P. 31'

✓ +93-Hq. Sq. 14'

✓ +11-T.P. 29'

✓ +53-E.G.R. 14'

✓ +93-E.G.R. 14'

✓ +45-A.G.R. 13.5'

✓ +85-A.G.R. 13.5'

✓ +31-T.P. 22'

✓ E.R. 14

✓ +62-T.P. 26'

✓ +61-T.P. 19'

+50-E.R. 15

✓ G.R. 21'

✓ +91-T.P. 27'

✓ +50-E.R. 33'

cultivated.

✓ +58-Hq. Sq. 14'

✓ +79- F. Line 14'

See co. 10th
(6)

257

+42 \$ F. Ent L. ✓

256

255

708 24"X 63.5' P.B. ✓

254

253

+31 K.F. Ent R. ✓

252

251

F-33'

+83-T.P. 32'

F-33'

+57-T.P. 31'

+50-M. 8x. 16'

+93-T.P. 22'

+85-T.P. -33'

+21-E.G.R. 14'

+13-A.G.R. 13'

+72-T.P. 31'

+73-E. COR 33'

+66-E.G.R. 14'

+49-A.G.R. 13'

+20-T.P. 31'

+32-T.P. 31'

+11-A.G.R. 13'

+03-A.G.R. 14'

+78-T.P. 31'

+95-T.P. 31'

+52-A.G.R. 13'

+44-A.G.R. 14'

+66-T.P. 31'

12"x24" cul.

+88-M. 8x. 13'

+24-T.P. 31'

+38-T.P. 31'

pasture

marsh

cul.

cul.

Farm Yard

264

263

262

261

260

176

24' x 57' - P. 3



259

258

+88-M.B.K.15'

Farm yard

+35-T.P. 31'
+35-P.P. 29'

+93-T.P. 31'
+85-Hg. 59' 16"
+61-F. Cor. 32'

F-31'

+83-T.P. 31'

+47-E.G.R. 14'
+39-A.G.R. 13'

+70-F. Cor. 33'
+64-T.P. 31'

F-30'

+39-T.P. 31'

+17-T.P.

F-33

+10-A.G.R. 135'
+3-B.C.R. 4'

cultivated

cult.

Pasture

Mareb.

Mareb.

2"

10

+93-PR. 33'
+93-T.P. 31'

+39-P.P. 34'
+39-T.P. 32'

+90-E.G.R. 14'
+82-B.G.R. 13'

+75-T.P.
+85-P.P.

+74-P.P. 35'
+74-T.P. 30'
+11-A.G.R. 13'
+3-B.C.R. 135'

269

+89.9 Stone Mon.

✓

268

+88.8 End. Payment.

✓

+38-

24" X 65' - P.3

✓

267

266

+12-

\$

FEET RT.

✓

265

✓ +71- G.R. 24'
 ✓ +71- P.R. 21'
 ✓ +64- T.P. 20'

✓ +11- Ir. Rd. Sq. 12'

✓ +85- E.G.R. 15'
 ✓ +78- A.G.R. 14'

✓ +22- T.P.
 ✓ +22- T.P.

✓ +03- A.G.R. 13'

✓ +96- B.G.R. 15'

✓ +77- P.P. 27'

✓ +77- T.P. 30'

+52- Ir. Rd. Sq. 26' ✓
 +51- T.P. 31' ✓

+33- T.P. 30' ✓

+96- Ir. Sq. 20' ✓

+70- 24" Oak 33' ✓
 +61- T.P. 31' ✓

+25- B. Int. curb. ✓

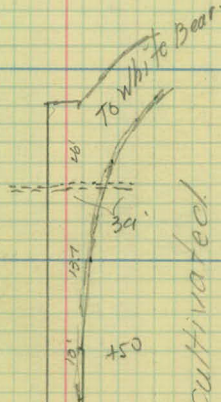
+58- Hq. Sq. 15' ✓

+43- P.P. 31' ✓

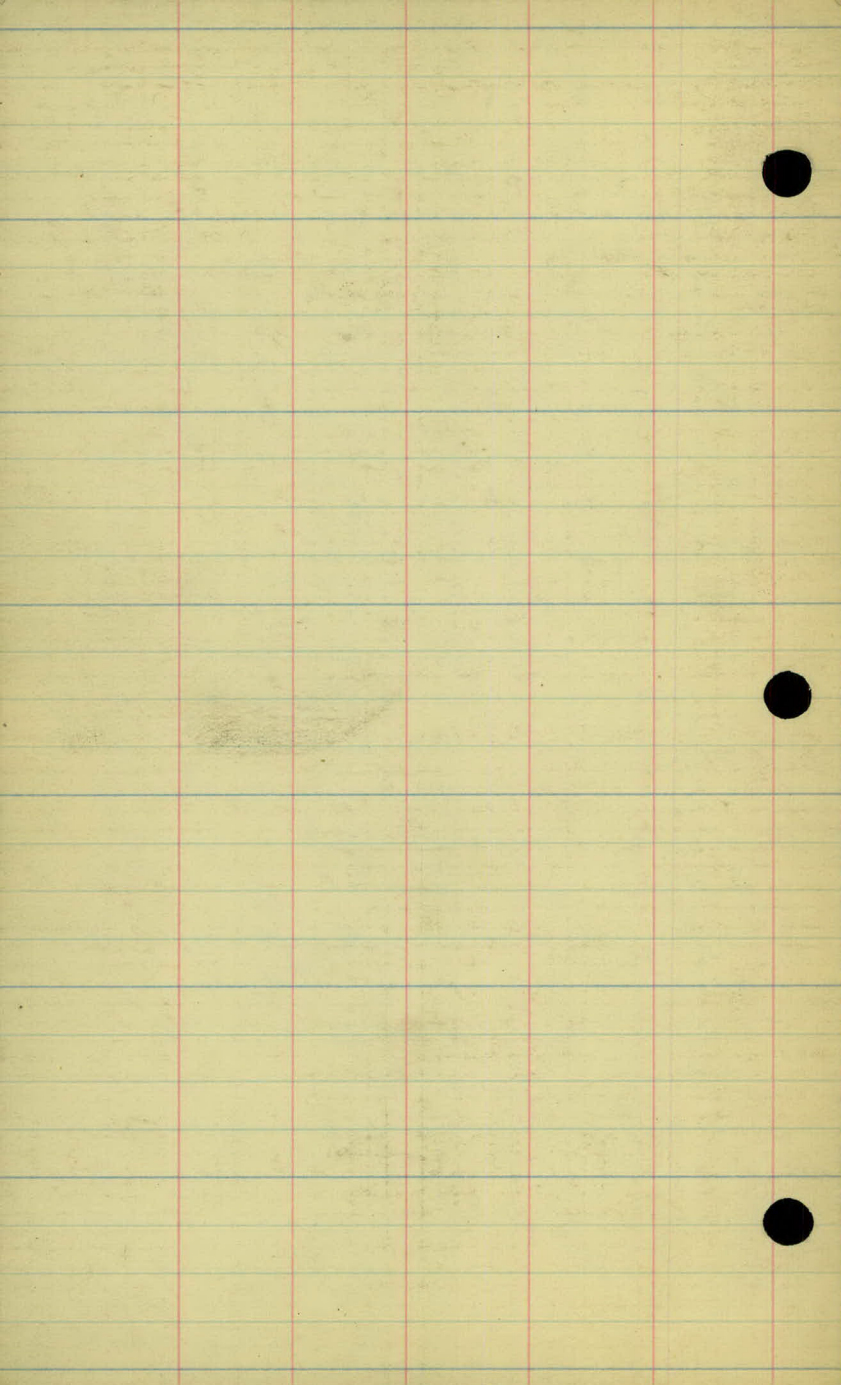
□

cultivated

cultivated

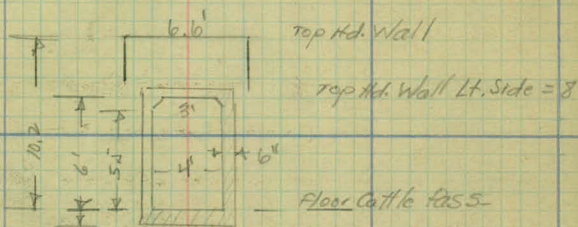
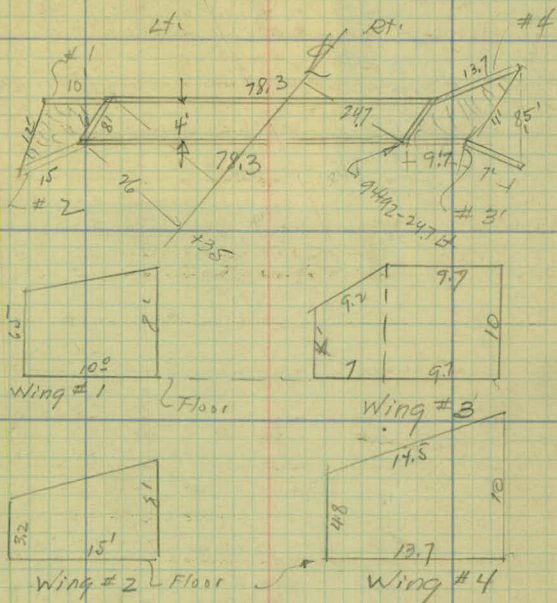


to 12' x 24' C.M.



W-46
Detail of Cattle Pass
Sta. 94+69

W.H.C. Aug 22
1975



X-Sec. Rt. End,

1- 13/16" x 8" Steel Plate

16" x 8" Ties

24" I-Beams

2- 13/16" x 8" Steel Plates

1- 13/16" x 8" Steel Plate

8" x 8" Ties

8" x 8" Shingles

Block

14 1/2" North Clearance

129" South

14" x 14"

14 1/2" North Clearance

129" South

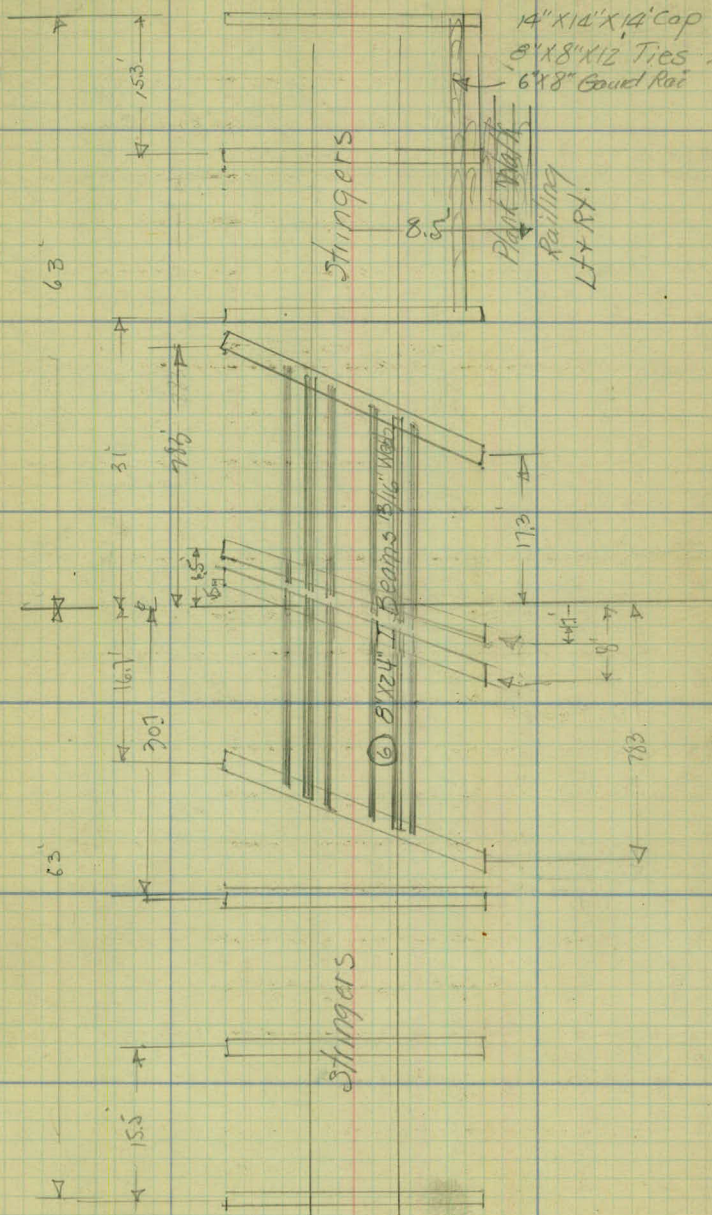
12 1/2" Clearance

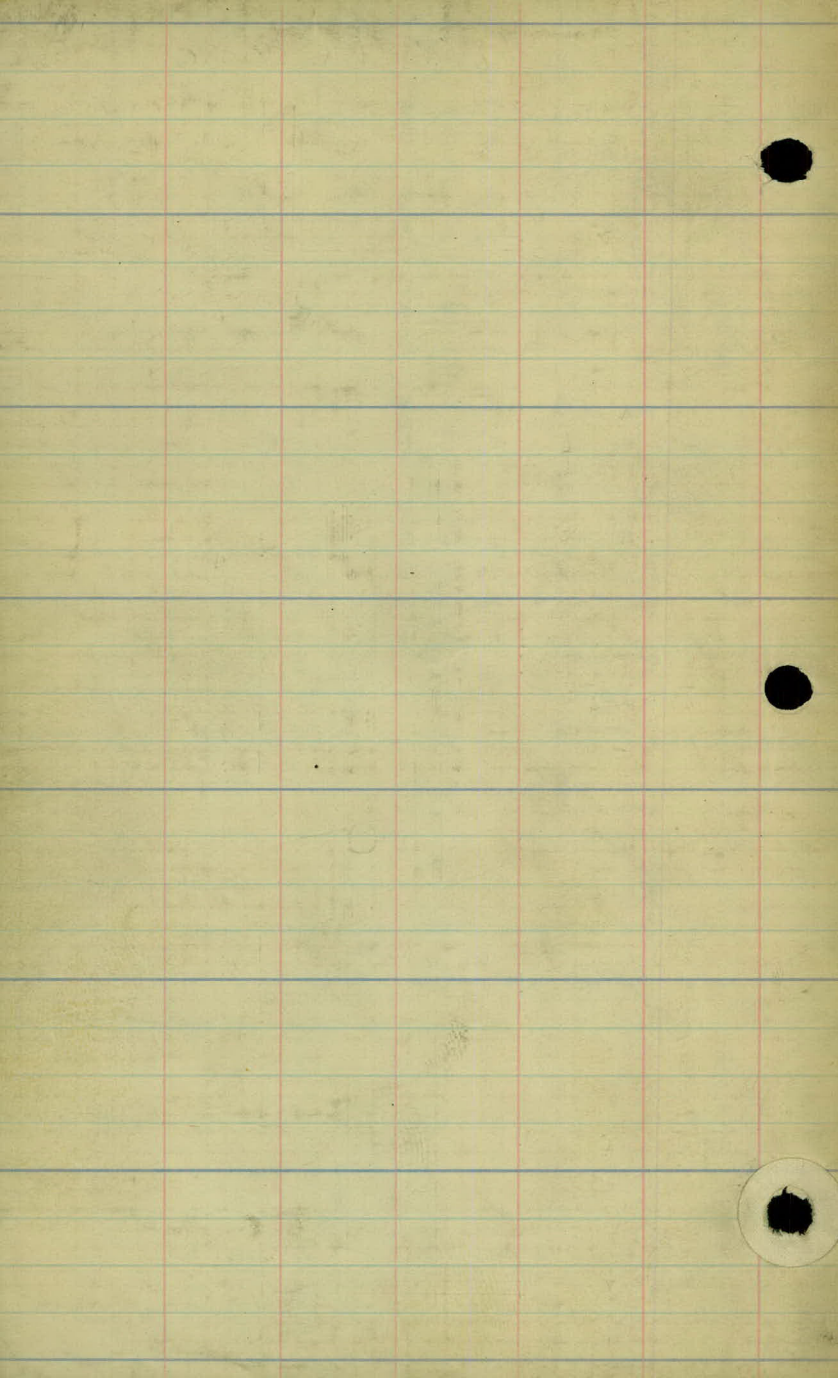
12 1/2" Clearance

Pavement



Detail N.P.R.R. Bridge.





Road #2

Birch Lake Blvd. To No. County line
Transit Notes.

Sta. 0+00 to 138+19.75

Copy to
Section
files

Austin

Skoglund

Berthiaume } Party

Jankoski. }

3/28 to 4/1 - 1925

Office of Ramsey Co. Engineer
ST. PAUL, MINN.

Date Filed 4-9-25

File No. 16

Station

Ang. ht. Ang. Rt.

27+56.15 P.I. $0^{\circ}04'$

4+13.1 P.O.T. $\frac{1}{2}$ 500 Ry

26.50

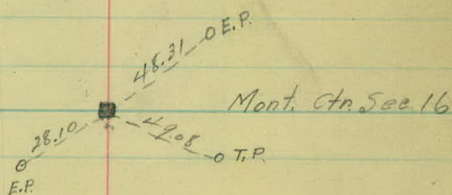
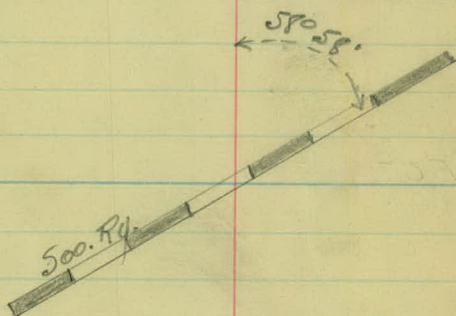
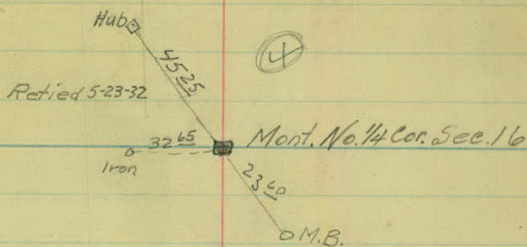
1+06.15 P.I. $0^{\circ}02'$

100.15

0+00

End. Pavement. 1928

For Alignment to here See
Notes on Proj. 23-03



Station

Ang. ht. Ang. TR

106+54.9 P.I. $0^{\circ} 05'$

92+00 P.O.T.

26.59³⁵

80+15³⁵ P.I. $0^{\circ} 09'$

71+20² P.O.T.

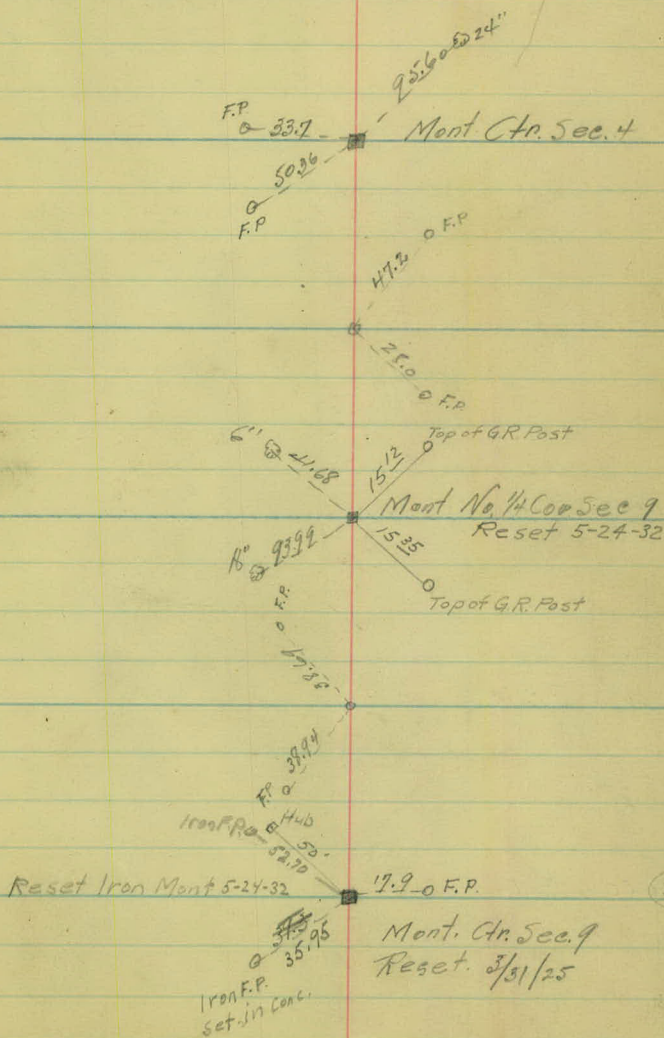
26.28⁰⁵

53+87³ P.I.

$0^{\circ} 10'$

27.5⁵

26.31¹⁵



Station

Ang. ht. Ang. Rt.

138 + 19.5 Iron. Pin.

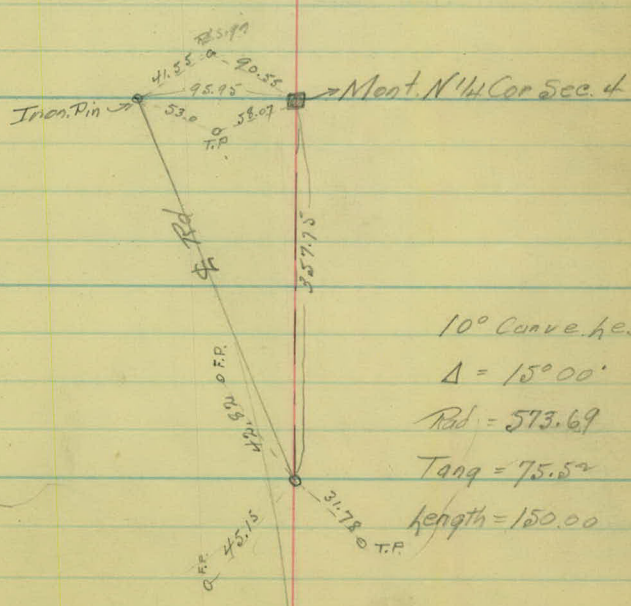
135 + 24.5 P.T.

134 + 50 P.I. 15° 00'

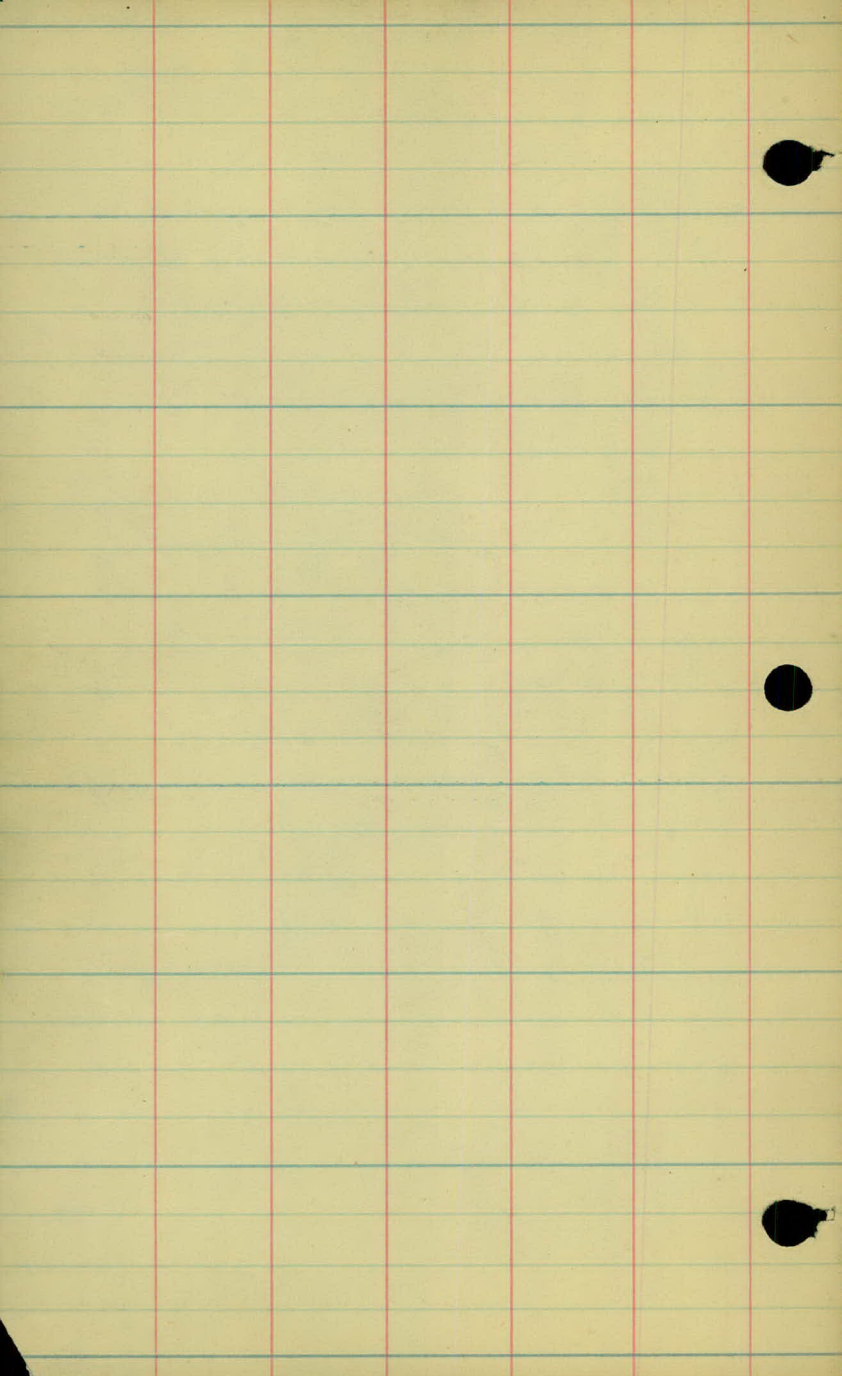
133 + 74.5 P.C.

1795-10

4-1-25



10° Curve Left.
 $\Delta = 15^\circ 00'$
 $Rad = 573.69$
 $Tang = 75.52$
 $Length = 150.00$



Road #2

Artificial Topography

Sta 0+00 to 138+19.75

Austin
Skoglund
Berthiaume
Jankoski

Party

3/28 to 4/1 - 1925

Note -

Sta 0+00 to 37+00 Gravel Surface
vv 37+00 to 41+00 Macadam vv
vv 41+00 to 67+00 Gravel vv
vv 67+00 to 138+19.75 Macadam vv

Gravel Width	Shoulder Width
-----------------	-------------------

16.5	22.5
------	------

15	19
----	----

15	22
----	----

18.0	26
------	----

Rd #2

+06 F.D. 21

6+00

+57 F.D. 20'
Willow Clumps

5+00

+52 F. Cor. 27.5

+21 R.R. Xing Sign 18'
7-4 X 10'-X 16 Xing Plank 15.

500. Rd

+13.1
00
{ Dia 2.8 1" High
+104 Battery Tent 18.5
+104 Sig. P. 13.8

4+00

+50 R.R. T.R. 27.5
+48 Fence 21.5

+68 T.R. 27.5
+59 R.R. 21' Rd

3+00

+75 G.R. 19' 47.

Small Trees
+61 B.R. 15.
Small Trees

+68 T.R. 37.5

+35 T.R. 21.5

+34 R.R. 30'

2+00

+41 Rd. Sign 19'

Bush 4'

+57 T.R. 35' Rd
+56 M. Box Stand 17.5-5' on
+48 M. Box 17.5

+45 R.R. Xing Sign 17'
+41 Rd. Sign 24

+34 F. Cor. 31.5

1+00

+86 R.P. 30.5
+80 T.R. 18.5

+95 G.P. 23.5

+69 Rd. Sign 26.5
+68 T.R. 31.5

+26 Rd. Sign 11.5 Ht

0+00

For Topog.
to here
see 23-03

To White Bear



17.0 23

17.0 24'

17.0 23.5

16.5 26'

18.0 23

16.5 22

17.0 24

13400

465-8" x 42.8 V.P.

12400.

11400

10400

9400

✓ 14 R.R. Xing 12.5 T

✓ +63 Fence line

✓ +12 R.R. King Sign 12' @

8" x 27" V. P. Colv.

+10 M. Box 12' ✓
+02 F. Co. 19.5 ✓ 8400

7400

6500

17.0 22

17.0 23.0

16.5 22.

16.5 22.5

17 22

17 22

17. 22

Willow clump. 53

20+00

19+00

18+00

17+00

16+00

15+00

14+00

13+00

Pasture

Pasture

Meadow land

Bush

End Fence

+33

+38

Pasture

Pasture

Clump

17.0 23'

16. 23'

18' 23

18 24'

17 22

17 22

170 230

27+00

26+00

25+00

24+00

23+00

22+00

21+00

20+00

Cultivated

Cultivated

Cultivated

Pasture

Brush

Small Trees + Brush

Light Brush

+47 Milk Stand 12.5 R₄
 12" x 20" C.M.P.
 +20 F.Cor. 33" R₁
 +21 M.Box 15" R

+36 Drive

+20

33'

33.5'

34'

31'

+16 Drive

20' 22'

+70 -12" x 42" V.P.

18. 25.0

18.0 25

17.0 25

17.0 22.0

17.0 22.0

17.0 21.0

16.0 22.0

30+00

33+00

32+00

30+00

29+00

28+00

27+00

Waste land

Cultivated

Waste land

Cultivated

31.5

32'

32'

32'

32'

32'

+28' Drive

12" X 26' (V.P. + C.M.P.)

+12 M. BOX 14.5 31+00

15' 19.5'

+52 F. Con 31.5

+56' Road

+46 - 24" X 40' C.M.P.

18' +87

15 20

17 22

17 22.5

17.0 23.0 * End Gravel Surface

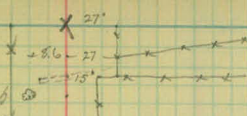
16.0 22.5

17.0 23.0

18.0 24.0

✓ +75-24" X 308 C.M.P.

Willow Clump



+15 F.COR. 18'

29.5

15.5

20

15

18

18

15

17

+53 F.COR. 18'

+71-20" X 35" C.M.P.



31.5

36.5

31

31.5

41+00

40+00

39+00

38+00

37+00

36+00

35+00

34+00

Gravel Shoulder
Width Width

16 22

17.0 23.0

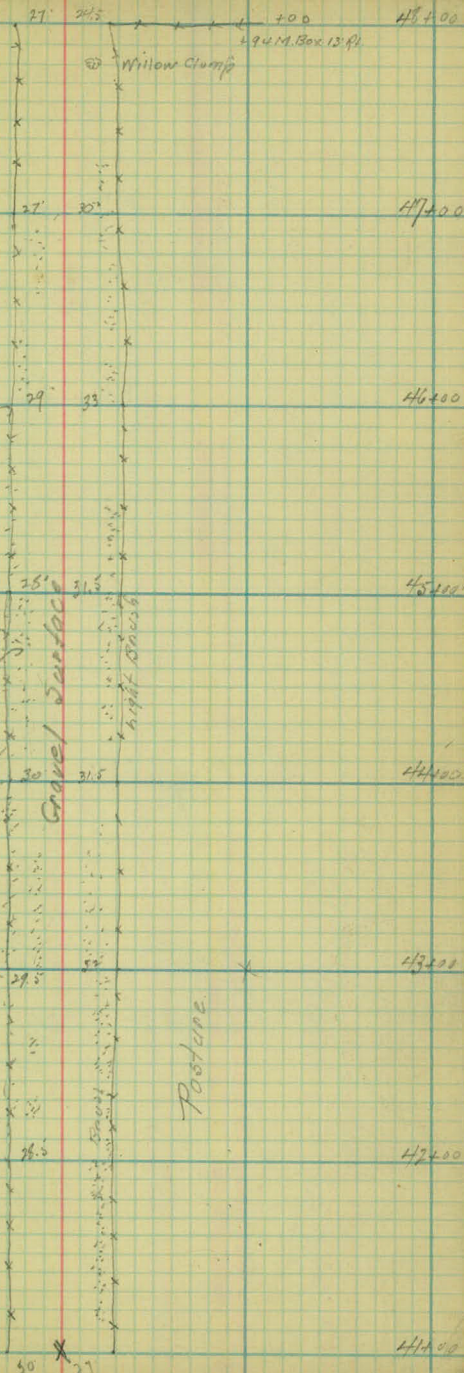
17 24.0

18' 23

15 22

16 23

15 21 Gravel Surface



Willow Clump

Right Bank

Gravel Surface

Right Gravel

waste. pond

Footage

17.0 22

16.0 22

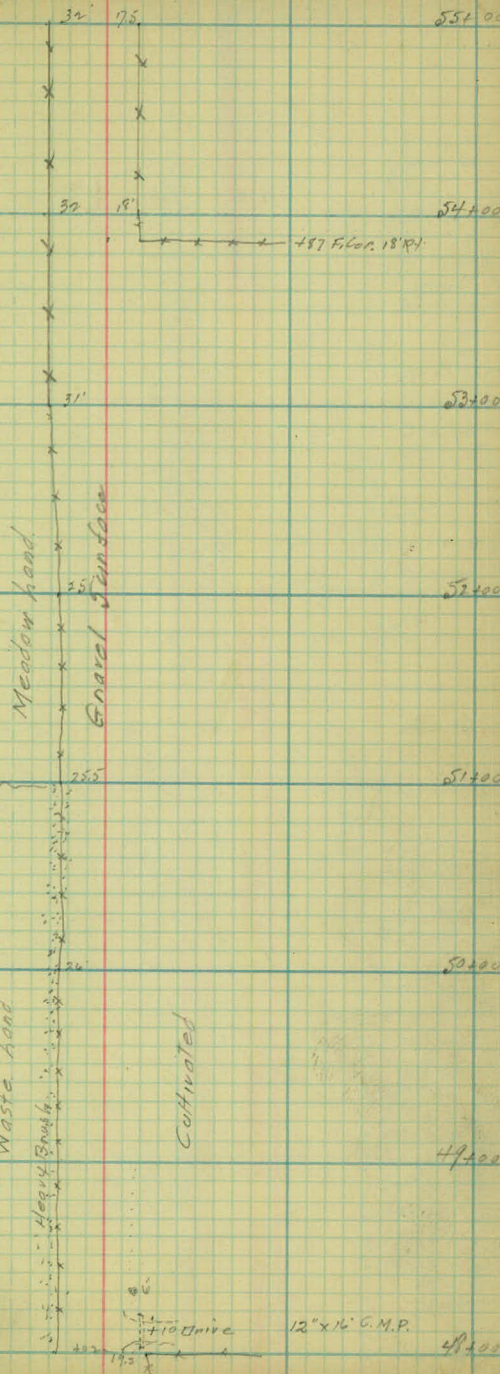
16.0 22

17.0 23.0

16.0 22

14.0 20

17 24



14 19

15 19

17 24

16 24

15 24

16 25

15 22

+89 - SITE OF
ACCIDENT

Gravel Surface

Willow Clump

Waste land

Postone. Bot land

Brush

+86 F. Co. 18.5

+96 F. Co. 19.5

62100

61200

60300

59400

58500

57600

56700

55800

15.5 25

9.5 | 13 | End Gravel

15 25

15 25

15 23

16 23

15 205

+97 M.B. 15.5

69+00

68 Oak clump

Macadam Surface

32'

68+00

(10" x 30.5 G.M.P.)
Buried

+39 Rd Sign 21'

+36 Rd Sign 26'

+35 Rd Sign 22'

+18 1/2 Road H2

31.5'

17 1/4 196

67+00

Pasture

33'

66+00

Gravel Surface

+36 M.Box 16' R4

33'

65+00

Cultivated

32'

19'

+01 End Fence ✓ CH 400

+33

63+00

Waste land

31.5'

19'

Pasture

62+00

Macadam Shoulder
Width Width

12 22

14 28

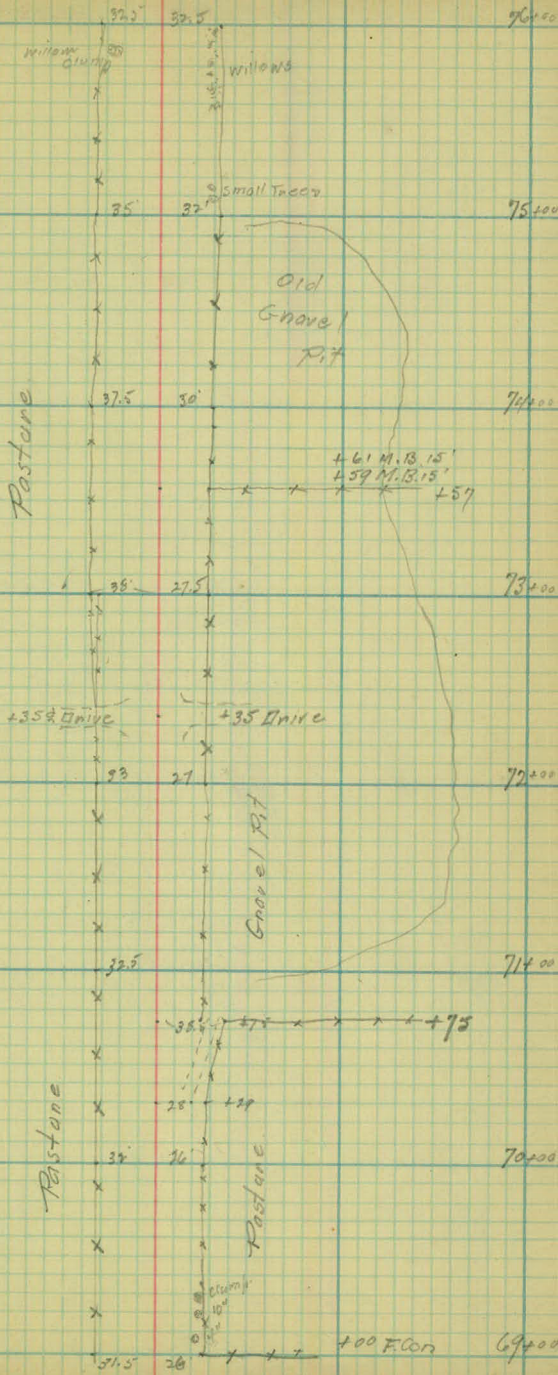
15 24

15 25

16 25

15 24

14.0 23.0



12.0 20'

12.1 20.5

14.5 20'

15 22'

15.5 23'

15 22'

14.0 20.5

83+00

82+00

81+00

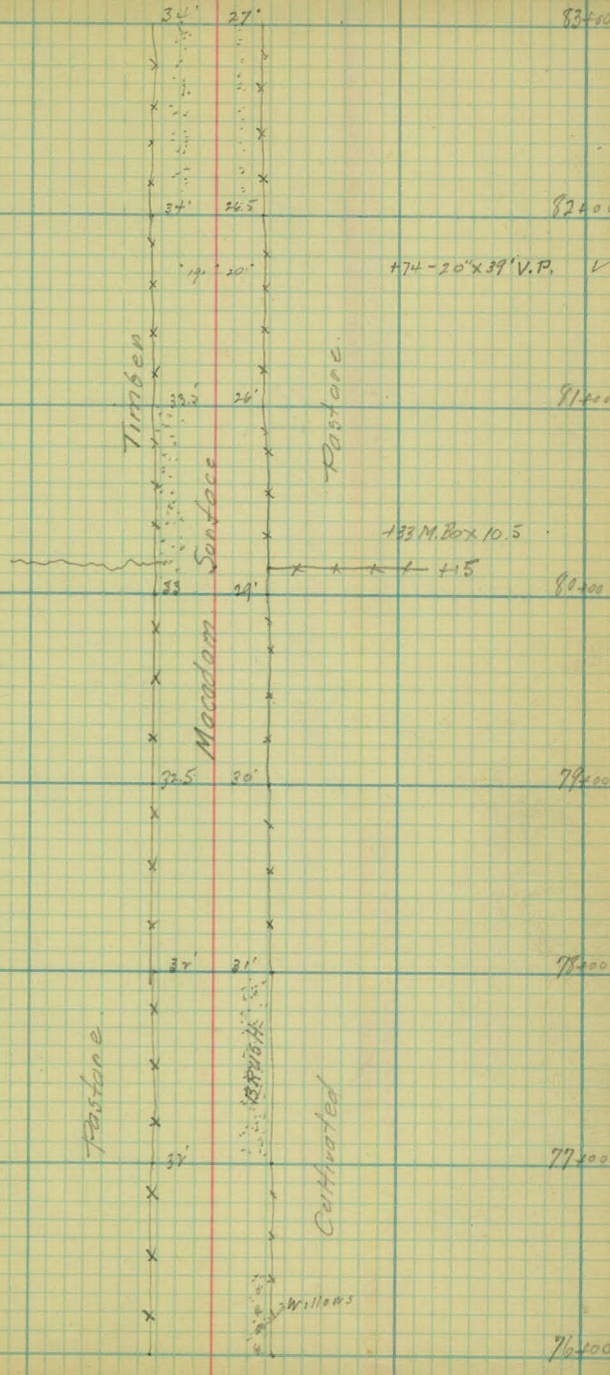
80+00

79+00

78+00

77+00

76+00



14' 21'

14.0 21'

15.0 22

14 21'

14.0 22

15.0 21.0

14 22

90+

+ 52 M. Box 17 R1

16

30

87+00

Meadow land

33.5

88+00

35

87+00

+75 + 12" X 24' C.M.P.
 +66 Drive
 +59
 +45 Milk Stand (+40 M. Box 11' R1)

34

86+00

33.5

90+00

Timber land

Brush

26

Bog land

84+00

83+00

15 22

15. 23

15 22

15.0 22'

16.0 23.0

15 21'

14.0 21.0

97+00

Clump
Clump
Willows

96+00

95+00

Cultivated

94+00

Timber

Small Trees

+43-15" x 50.4 G.M.P

+30 F Con 23.5

93+00

92+00

Pasture

Timber

Small Trees

+19 F Con 26.5

91+00

+14 Bridge

90+00

14 22

13.0 22

14 21

13 21

15.0 22

15 23

15 22

10400

103400

102+00

101400

100400

99x50

98700

97+00

Small Trees & Bush

Timber

Small Trees
and Brush

Cultivated

451 DRIVE

8" x 26 V.P.
+ 38 M.B. 13.5

waste hand

Cultivated

+ 54-12" x 41 V.P.

15 25

14 23

14 23

14 22

15 21

14 21

14.0 21.0

4-1-25

33

111+00

33'

110+00

Cultivated

33'

109+00

+58 Drive

33.5

108+00

+75 Drive

32'

107+00

+55 g Road

33'

106+00

Meadow land

Cultivated

Timber

105+00

104+00

15 23

14 22

15 23

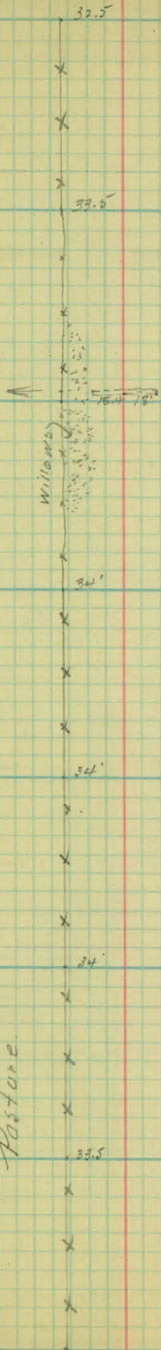
15 24

16 25

15 24

15 24.5

+43 Lake Sign N. of
TAMARACK



{+03-12"X 36.0"}
C.M.P

115+00

117+00

116+00

118+00

114+00

113+00

112+00

111+00

8

Rd. Pt.

16

22

1.0

16.

23

0.5

15

21

16

23.5

16.0

24'

15.0

23.0

15.0

25

32.5

125+00

X

X

X

32

124+00

X

X

X

31.5

123+00

X

X

X

31.5

122+00

X

X

X

31.5

121+00

X

X

X

31.5

120+00

X

X

X

32.5

119+00

X

X

X

Pasture

Cultivated

+ 50 ft. Road.

+ 05 HAKC Sign. 18.5 118+00

92. 97

16.0 23.0

1.0

16.0 23.0

1.0

16. 23.

0.5

15 22.5

0.5

15 22

0.5

15 21

1.0

15.0 23.0

1.0

+57 Milk Stand 13.5 ft

8 x 5' → 0

52

132+00

x

x

52

131+00

x

x

x

52.5

130+00

x

x

x

52.5

129+00

x

x

x

52.5

128+00

x

x

x

52.5

127+00

x

Pasture

x

x

52

126+00

x

x

x

125+00

Cultivated

±

Macadam	Shoulder		
width	width	Rd. ht	Rd. R2

9.5	12.5		
-----	------	--	--

13.0	23.0		
------	------	--	--

13.0	23		
------	----	--	--

14.0	22.0	1.0	
------	------	-----	--

+50	14	21.5	
-----	----	------	--

14.0	23.0	1.0	
------	------	-----	--

16.0	23.5	1.5	
------	------	-----	--

16.0	23.0	1.5	
------	------	-----	--

clump

+20 R Rd.

138+00

+52 Rd Sign 25.7
+79 T.R. 35.5

137+00

+78 T.R. 33.5

136+00

+58 T.R. 30.4

135+00

+28.5 +50

+39 T.R. 35.74

134+00

+32.5

133+00

+32.5

132+00

Pasture

Cultivated

Pasture

Cultivated

Small Trees

1.45
283