

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Road Map Survey

COUNTY RD. E

From West Co. Line To Cleveland Ave.

Road Acc't. No. 54

Date Filed 2-10-27

File

2-10-27

COUNTY ROAD "E"

ROAD No 54

PROGRESSIVE SURVEY

FROM WEST CO. LINE TO CLEVELAND AVE.

INDEX

SEC. TIES -

P. 1 & 2

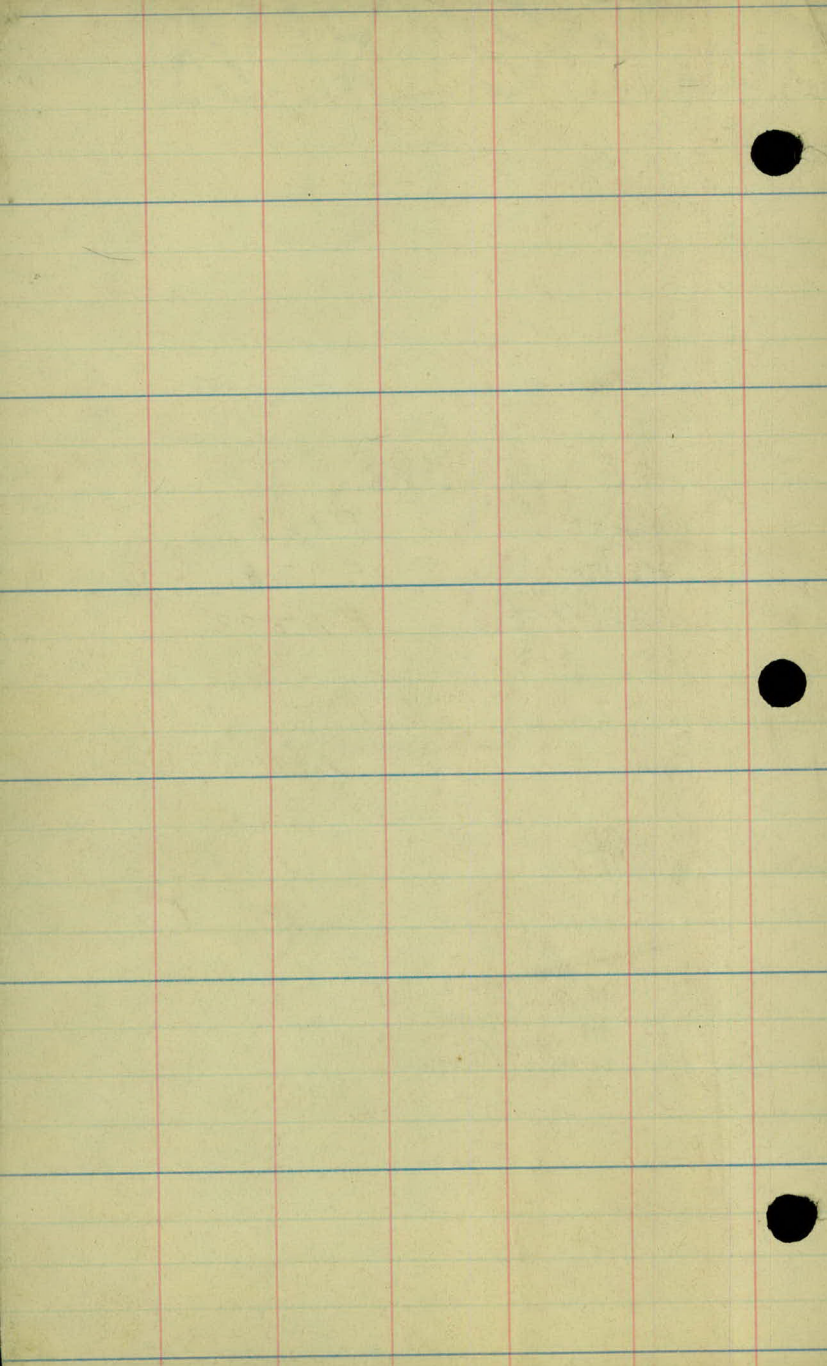
ALIGNMENT -

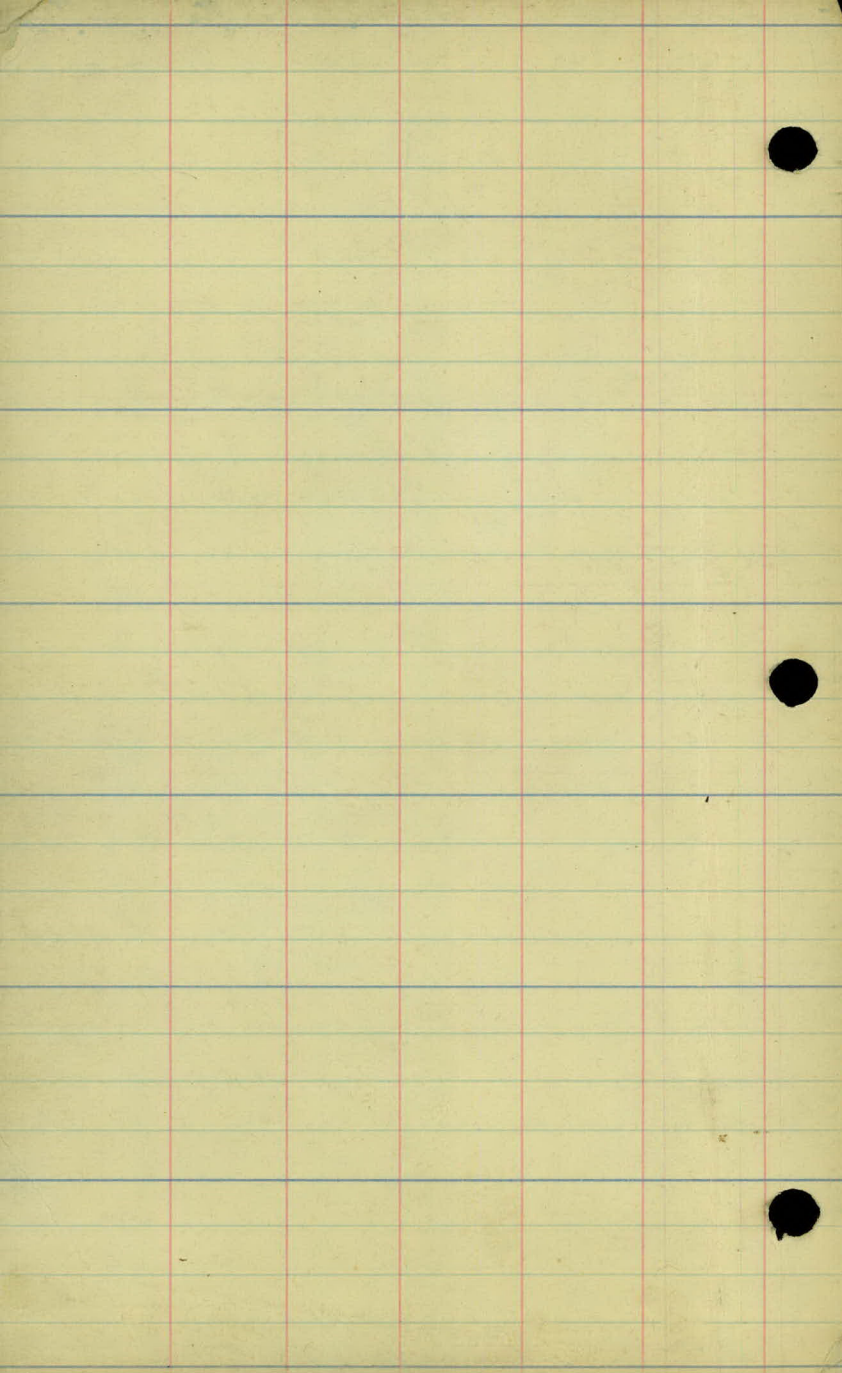
P. 4 To 8

TOPOGRAPHY -

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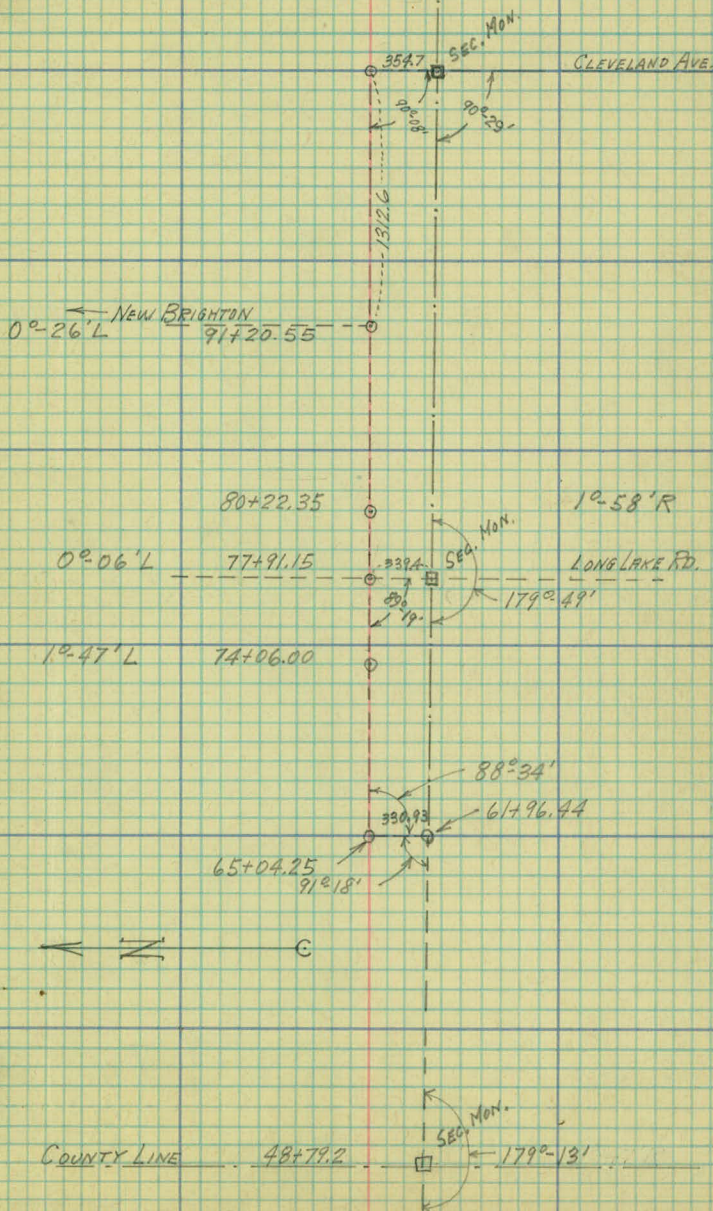
Received 2-10-27
OK Handwritten
2-10-27
16

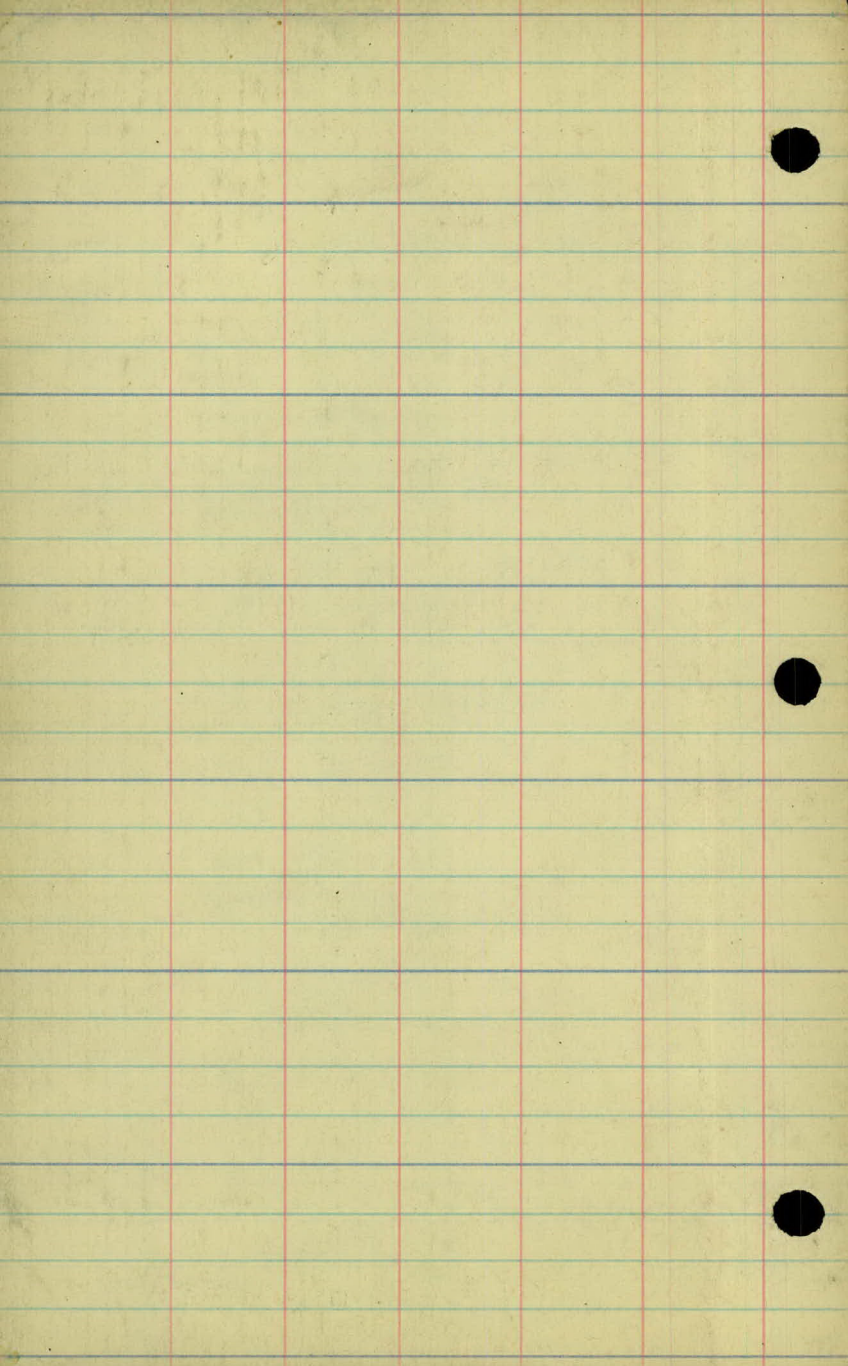




COUNTY ROAD "E"

SECTION TIES





JAN. 1927

T.A.W.L.

A.L.P.

W.G.A.

E.T.C.

ALIGNMENT
CO. RD. "E" - No 54

GOLD & SNOW

STA.

PT.

 Δ Lt.

AR+

CALCULATED MAGN.

BEARING

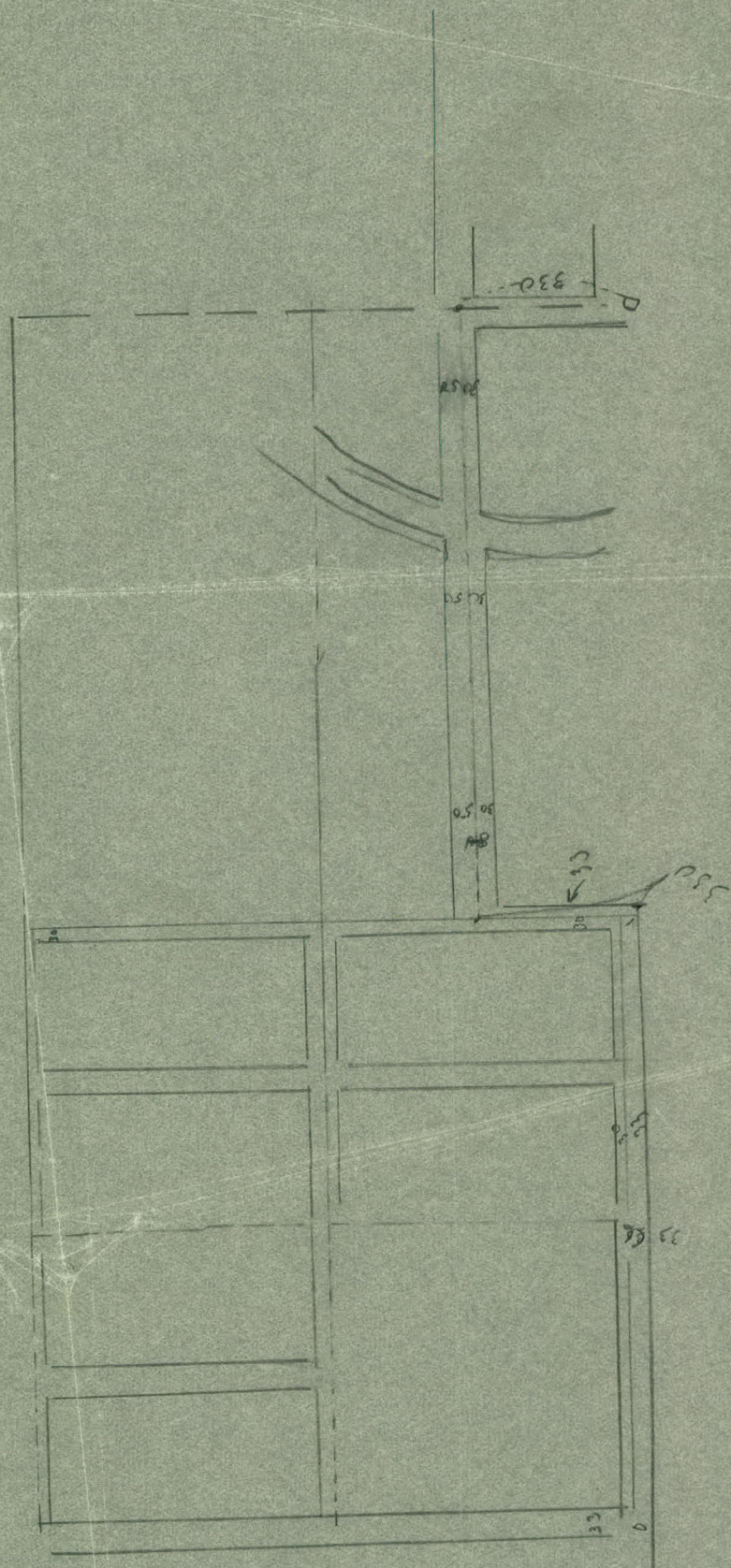
BEARING

Eas

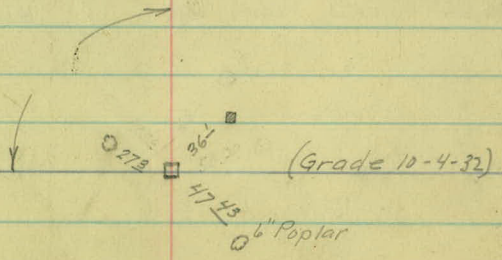
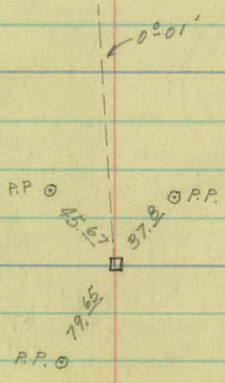
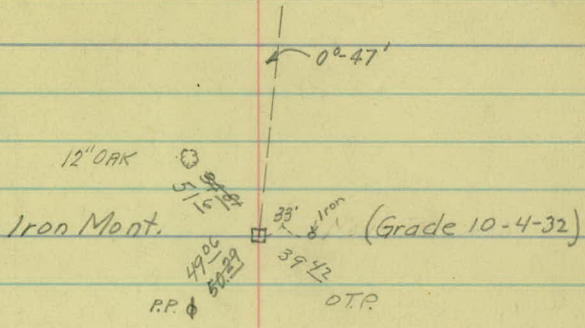
48+79.2 SEC. MONT. (^{0°-47'}MONT. IS REMOVED) Δ 0°-47'R

22+46.60 SEC. MON. & FAIRCHILD AVE. (^{0°-01'}) Δ 0°-01'L

0+00 SEC. MON. WEST COUNTY LINE



GERMANY



STA.

P.T.

A.Lt.

A.Pt.

CALC.
BEAR.MAGN.
BEAR.

N. 87° 16' E.

65+44.53 P.T.

65+04.25 P.I.

 $\Delta 88^{\circ} 34' R$ D $90^{\circ} 12'$

64+35.41 P.C.

T 68.84

L 109.12 (ACTUAL)

R 70.59

62+25.61 P.T.

61+96.44 P.I.

 $\Delta 91^{\circ} 18' L$ D 156°

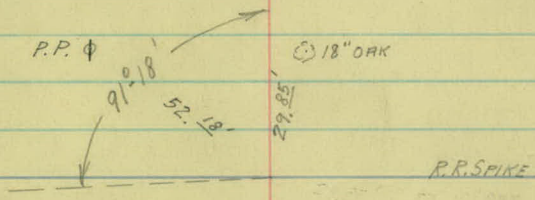
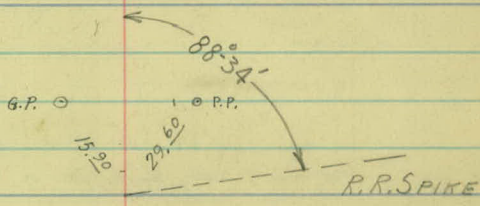
61+44.15 P.C.

T 52.29'

L 81.46' (ACTUAL)

R 51.12'

East.



STA.

P.T.

A.Rt.

A.Rt.

CALC.
BEAR.MAGN.
BEAR.~~N 88° 00' 11" E~~

N 85° 02' 31" E

77+91.15 P.T. 0°-06' E LONG LAKE RD.

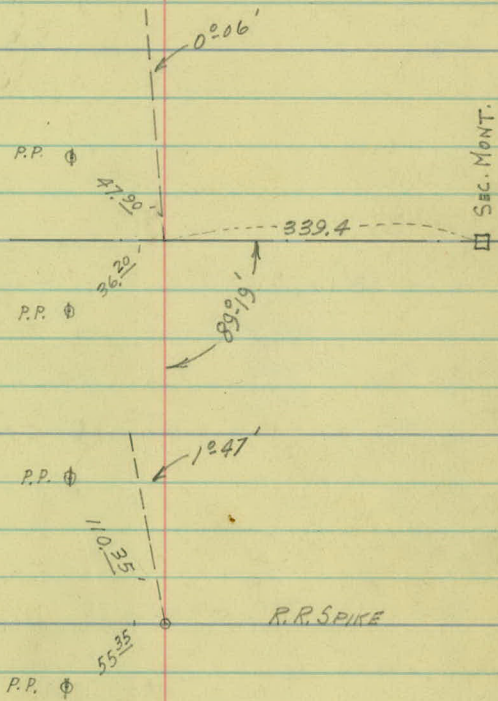
~~N 87° 00' 07" E~~

N 86° 20' 58" E

74+06.00 P.T. 1°-47' E FOREST L. CUTOFF

~~N 88° 03' 11" E~~

N 87° 10' 16" E



STA.	P.T.	ALT.	ART.	CALCU. BEAR.	MAGN. BEAR.
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5.30/3'E

N 88° 55' E	N 87° 47' E	N 86° 55' E
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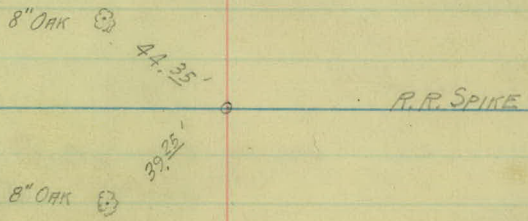
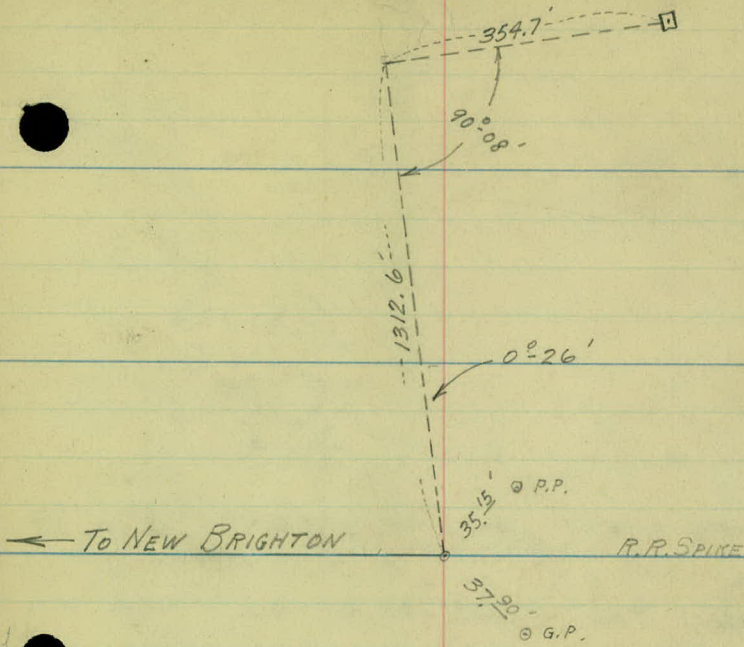
91+20.55 END (TIES TO STA. 243+21.90 OF CLEVELAND
AVE SURVEY ARE GONE.)

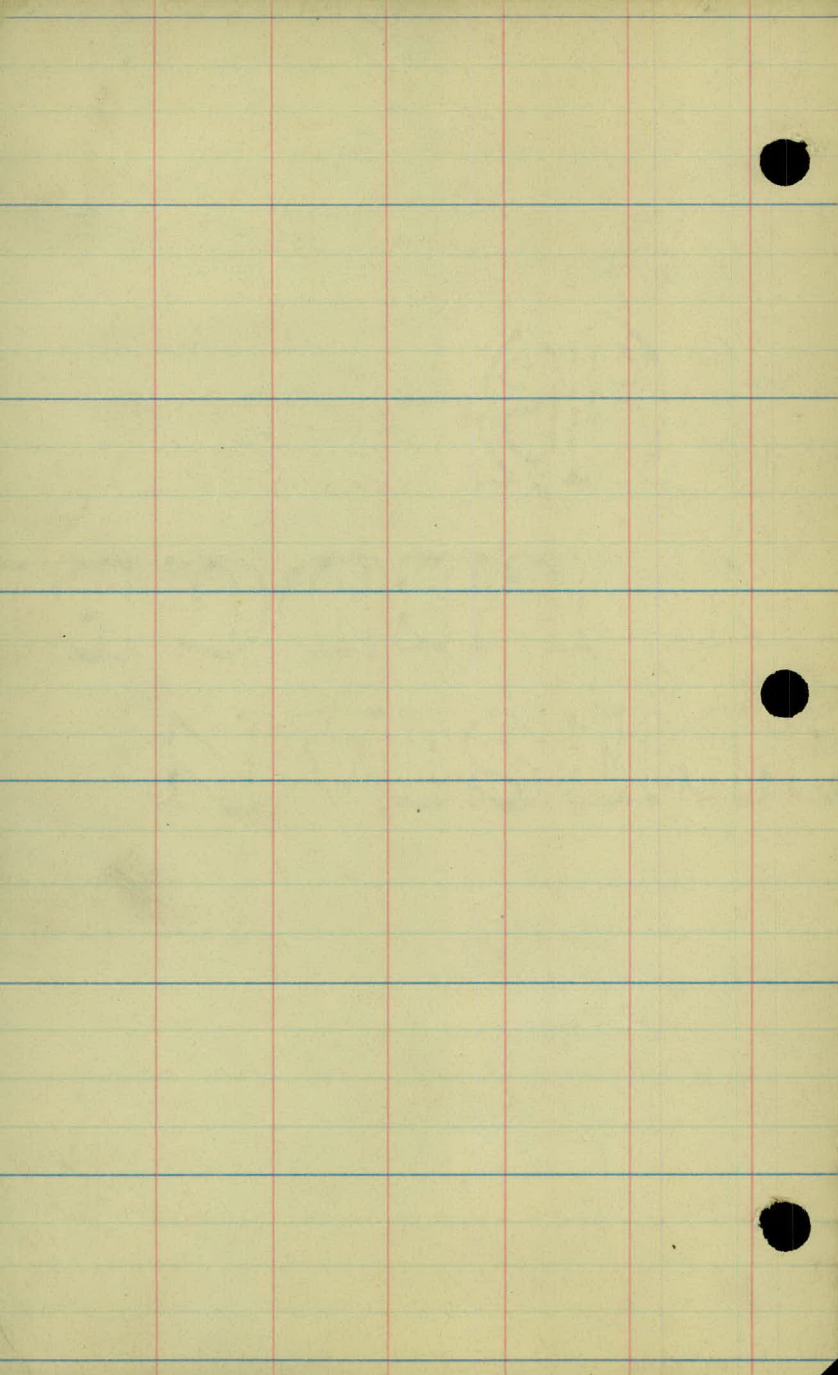
N 88° 57' E	N 87° 21' E
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80+22.35 P.T.

1° 58'

N 87° 21' E	N 85° 03' E
------------------------	-------------





T.A.W.L.
A.L.P.
W.B.A.
E.T.S.

(9)

PROGRESSIVE ROAD SURVEY

ROAD No 54

— TOPOGRAPHY —

6+00

5+00

4+00

3+00

2+00

1+00

0+00

SEC. COR. WEST CO. LINE

WOODED

✓ +14 G.R. 13.3
✓ +12 P.P. 20'
✓ +07 G.R. 11.5

✓ +43 12" C.M. 53' Lg

✓ +67 P.P. 19'

✓ +48 G.R. 10.8'
✓ +39 BEG. G.R. 12'

✓ +18 F. ENT. GATE

✓ +20 P.P. 19'

✓ F.L. 34'

WOODED

✓ +63 P.P. 17'

✓ +02 12" OAK 30'
✓ +01 12" OAK 30'
✓ +00 F.L. 33'
✓ +00 P.P. 18'

WOVEN WIRE

+54 12" OAK 31'

+84 12" OAK 30'

+57 G.R. 12.4'
+38 BEG. G.R. 24'
+38 4x4 PILLAR 33'

+90 18' P. 72'
+82 4x4 PILLAR 64'
+77 BEG. 12" C.M. 73' Lg. 31'
+76 4x4 PILLAR 33'

SALAVATION ARMY FRESH AIR CAMP

WOVEN WIRE

WOODED

+15 4x4 PILLAR 33'
MON

13+00

12+00

11+00

10+00

9+00

8+00

7+00

✓ +36 P.P. 21'

CULTIVATED

WOODED

✓ +93 END F. 23'
✓ +73 P.P. 21'
✓ +66 END G.R. 12.3'
✓ +59 G.R. 10.3'
✓ +23 F.C. 24'

+19 END G.R. 13.6'
+15 G.R. 11.5'

✓ +50 F.C. 33'e25'
✓ +24 15" C.M. 60' Lg.
✓ +12 P.P. 20'

+26 G.R. 12'
+21 BEG G.R. 18'
+19 F.C. 33'
+10 ROAD
+00 G.R. & E.L. 17'
+96 G.R. 12'

✓ +66 BEG. G.R. 10.6'

WOODED

WOODED

✓ +62 P.P. 20'

WOVEN WIRE
FRESH AIR CAMP

+31 4x4 PILLAR 33'
+31 12" OAK 31'

20+00

19+00

18+00

17+00

16+00

15+00

14+00

✓ +50 P.P. 22'

+83 15" C.M. 40' Lg.

✓ +92 P.P. 22'

✓ +40 P.P. 22'

✓ +65 P.P. 22'

✓ +11 P.P. 22'

CULTIVATED

MEADOW

+88 G.R. 12.7' ✓
+81 BEG. G.R. 15.2' ✓
+80 XRD SIGN 14' ✓
+69 F.C. 33' ✓

+27 END G.R. 15.4' ✓
+20 G.R. 12.4' ✓

+53 F.C. 33' ✓

+13 G.R. 12' ✓
+06 BEG. G.R. 14.6' ✓



27+00

26+00

25+00

24+00

23+00

22+46.60 MON. & FAIRCHILD AVE. $\Delta = 0^{\circ} - 01' L.$

22+00

21+00

✓ +44 P.P. 24'

PASTURE

✓ +38 15" C.M. 44' 18"
✓ +25 X.R.D. Sign. 12'

✓ +88 P.P. 24'

✓ +42 F.C. 33'

✓ +57 G.R. 11.5'
✓ +50 Beg. G.R. 12.4'

CULT.

✓ +44 P.P. 24'

PASTURE

✓ +95 F.C. 26'
✓ +87 P.P. 24'
✓ +84 15" C.M. 34' 18"

+18 END G.R. 11.2'
+10 G.R. 10.5' ✓

+70 P.P. 20'

+71 X.R.D. SIGN 13' ✓
+71 G.R. 11' ✓
+63 G.R. 16' ✓
+60 G.R. 22' ✓

✓ +19 F.C. +27

+39 G.R. 29.6' ✓
+36 G.R. 28.0' ✓
+32 G.R. 16.0' ✓
+25 G.R. 12.3' ✓
+12 F.C. 33' ✓

✓ +71 P.P. 24'

CULTIVATED

MEADOW

34+00

33+00

32+00

31+00

30+00

29+00

28+00

(14)

CULT.

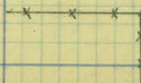
CULT.

④

Φ

✓
✓

✓ +27 F.C. 18'



41+00

40+00

39+00

38+00

37+00

36+00

35+00

✓ +99 G.R. 10.5
✓ +78 Beg. F. 25'

✓ +95 Beg. 12" C.M. 40' 14' R.

✓ +81 15" C.M. Culv. 72' lg.
✓ +74 P.P. 24'



WOODED

✓ +31 P.P. 24'

✓ +00 G.R. 12.2'

SWAMP

WASTE

+00 G.R. 10'

✓ +80 P.P. 24'

+10 8" OAK 22'
+97 3-8" OAKS 21.5'
+80 12" OAKS 22.5'

✓ +48 End F. 18'

+37 G.R. 9.5'
+29 G.R. 10.5'

✓ +31 P.P. 24'

CULT.

CULT.

HOUSE

WOVEN



✓ +87 F.F.
✓ +72 Beg. 12" C.M. 24' 12' R.

✓ +10 G.R. 12'
✓ +04 Beg. G.R. 12.8'

X

+79.2 SEC. MONT. (MONT. HAS BEEN REMOVED)

0°-47'R

48+00

47+00

46+00

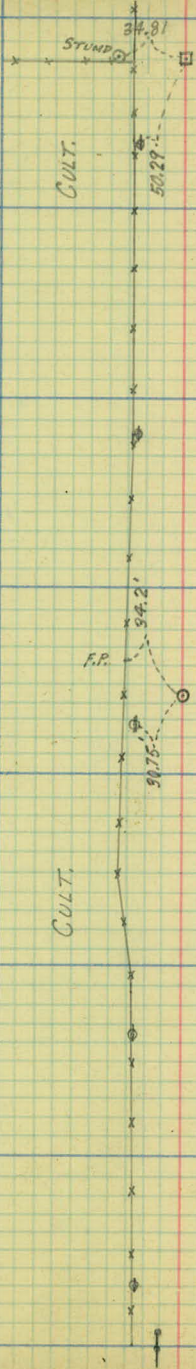
+44.5 P.O.T.

45+00

44+00

43+00

42+00



✓ +36 F.L. 28.5'
✓ +36 P.P. 26.5'

✓ +81 F.L. 28'
✓ +81 P.P. 26.5'

✓ +27 P.P. 26'

✓ +50 F.L. 35'

✓ +94 F.L. 28'

✓ +64 P.P. 26'

✓ +30 P.P. 25'

✓ +107 END G.R. 10.8'
✓ +00 F.L. 26'

CULT.

CULT.

CULT.

CULT.

YARD
HOUSE

+88 F.E.
+76 12' C.M. 20' 18' R.

+21 F.E.
+17 G.R. 22.6'
+02 G.R. 12'

F.E.

F.E.

F.P.

55+00

54+00

53+00

52+00

51+00

50+00

49+00

✓ +78 P.P. 37'

✓ +100 F.L. 36'

✓ +129 F.L. 36'

✓ +129 P.P. 36'

✓ +100 F.L. 34'

✓ +100 F.L. 39'

✓ +94 P.P. 34'

✓ +100 F.L. 47'

✓ +152 P.P. 32'

✓ +100 F.L. 47'

✓ +85 P.P. 29'

+69 TREES 47' ✓

SMALL
TREES

+102 TREES 47' ✓

+82 8" OAK 45' ✓

+79 " " 41' ✓

+73 " " 40' ✓

WOODED

CULTIVATED

+152 6" OAK 36' ✓

P.T. +25.61

62+00

P.G. +44.15 ✓

61+00

60+00

59+00

58+00

57+00

56+00

✓ +65 G.P. 10.8 END
✓ +58 G.R. 9.6'

✓ G.P. 10.0'

✓ +50 G.R. 9.8'

✓ G.R. 9.5

✓ +37 P.P. 44
✓ +24 P.P. TREES 18'

✓ G.R. 10.0

✓ +53 END TREES 15'

✓ +15 S.M. TREES 25'
✓ G.R. 9.4'

✓ +78 P.P. 42'

✓ G.R. 10.0

✓ +23 P.P. 40'

✓ G.R. 11'

✓ +63 G.R. 11'
✓ +56 G.R. 13'
✓ +45 P.P. 30

✓ F.L. 30

+23 P.P. 22'

+86 END G.R. 17.6

+50 G.R. 13.2

G.R. 12.6

G.R. 11.9

+53 TREE 20'

G.R. 11'

G.R. 10.5

G.R. 10.5

✓ +24 G.R. 11.5
✓ +16 G.R. 13.5 Box

SMALL
TREES

WOODED

CULTIVATED

69+00

68+00

67+00

66+00

+44.53 P.T.

65+00

+35.41 P.C.

64+00

63+00

90°-12'0"

Δ 88°-34'0"

PT 65+14.25

T 62.00

L 102.00

E 70.59

X 28'

✓ +90.36' C.M. 26'
✓ (36" C.M. 60' Lg) DITCH

✓ +26 P.P. 22'
✓ F.L. 24'

+82 12" ORK 34'

✓ F.L. 28'
✓ +82 P.P. 19'

✓ +00 F.L. 32'

PASTURE

PASTURE

✓ +38 P.P. 17'

✓ +79 F.L. 37'
✓ +79 12" ORK 26'

✓ +12 P.P. 26'
✓ +06 P.C. 40'
✓ +00 F.E.

✓ +88 WARNING SIGN 30'

✓ +50 F.L. 24'

✓ F.L. 25'

WOODED

CULTIVATED

+67 P.P. 23'

✓ F.L. 26.0

76+00

75+00

+06.00 P.I.

FOREST LAKE CUTOFF

74+00

73+00

72+00

71+00

70+00

✓ +44 P.P. 23'

Φ

--- F.E. ---

+44 F.E.

CULTIVATED

FARMYARD

✓ +14 P.P. 27'

Φ

FOREST LAKE CUTOFF
(PRELIMINARY GRADING)

✓ +58 P.P. 26'

Φ

✓ +34 F.C. 28'

x x x

x

x

x

x

x

x

x

x

x

x x x

x

x

x

x

CULTIVATED

CULTIVATED

✓ +08 P.P. 25'

✓ +00 F.L. 27'

✓ +00 F.L. 25'

✓ +90 F.C. 25'

✓ +62 P.P. 24'

Φ

x

x

DITCH

+20 36" C.M. 32.5' ✓

+00 F.L. 25'

83+00

82+00

81+00

+22.35 P.O.T.

80+00

79+00

78+00

+91.15 P.O.T. @ LONG LAKE RD.

77+00

✓ +82 P.P. 19'

✓ +65 Rst 33' 2 Bell Lbr.
✓ +54 " 30' SCo. Sign

✓ +31 P.P. 18'
✓ +04 P.P. 24' (GASOLINE)
✓ +00 F.E.

✓ +76 R.R. XING SIGN 20'
✓ +68 G.P. 19'

✓ +05 F.G. 25'

✓ +45 F.E.

✓ +16 P.P. 17'

✓ +90 R.R. XING SIGN 13'

✓ +50 F.E.

✓ +53 T.P. 19'

✓ +50 10" OAK 26'
✓ +50 P.L. 26'

✓ +97 P.P. 16'
✓ +80 F.E.

✓ +83 F.E.

✓ +64 P.P. 18'

✓ +03 F.E.

✓ +36 P.P. 20'
✓ +18 Guide Sign 29'

✓ +68 T.P. 25'
✓ +66 Guide Sign 20'
✓ +63 P.P. 21'

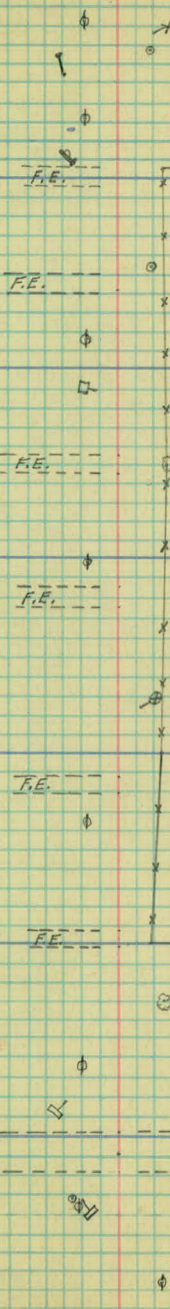
✓ +70 10" OAK 25'

✓ +23 P.P. 23'

BELL LUMBER CO. (WOODED)

WOODED

LONG LAKE RD.



89+00

88+00

87+00

86+00

85+00

84+00

✓ +50 RR WARNING SIGN 10'

✓ +34 P.P. 22'

✓ 20' F.L.

CULTIVATED

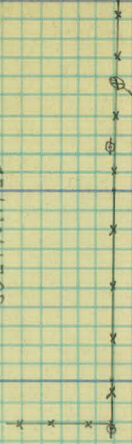
+19 T.P. 21'

CULTIVATED

✓ + 21 F.L.

✓ +79 F.O. 21

✓ +76 P.P. 21



✓ +16 F.E.

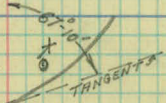
F.E.---

PASTURE

+61 RR XING SIGN 13' ✓
+51 T.P. 21' ✓

✓ +14 RR XING SIGN 12' ✓
✓ +08 P.P. 20'

+



+79 RR XING SIGN 17' ✓
+75 P.P. 20' ✓

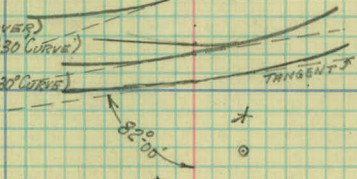
+52.5 ± TRACK (16° CURVE)

+25.5 ± TRACK (XOVER)

+20.0 ± TRACK (4° 30' CURVE)

+05.5 ± TRACK (4° 30' CURVE)

P.T. FROG 10.8' R



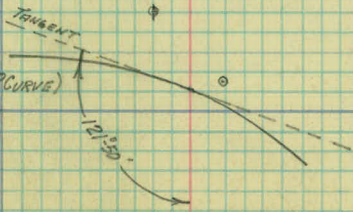
+84 R.R. XING SIGN 21' ✓

+69 T.P. 26' ✓

✓ +50 P.P. 20'

✓ +10.5 ± TRACK (11° CURVE)

+15 T.P. 19' ✓



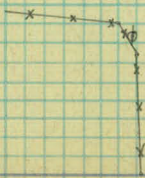
+20.55 END. E CLEVELAND AVE.

91+00

90+00

+80 F.C. 30' ✓
+73 P.P. 23 ✓
+68 F.L. 20 ✓

19 F.L. ✓



10

F.E.

YARD

+20 F.E.
+01 Rd. Sign 19' ✓
+98 Rd. Sign 19' ✓
+92 Guy Pole 26 ✓
+84 T.P. 20' ✓
+44 F.E.

