

Book# 29-D[#]8

MAINT. SURVEY
LEXINGTON AVENUE

From County Road E
To North Co. Line
ROAD % 3

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

Date Filed 4-5-24

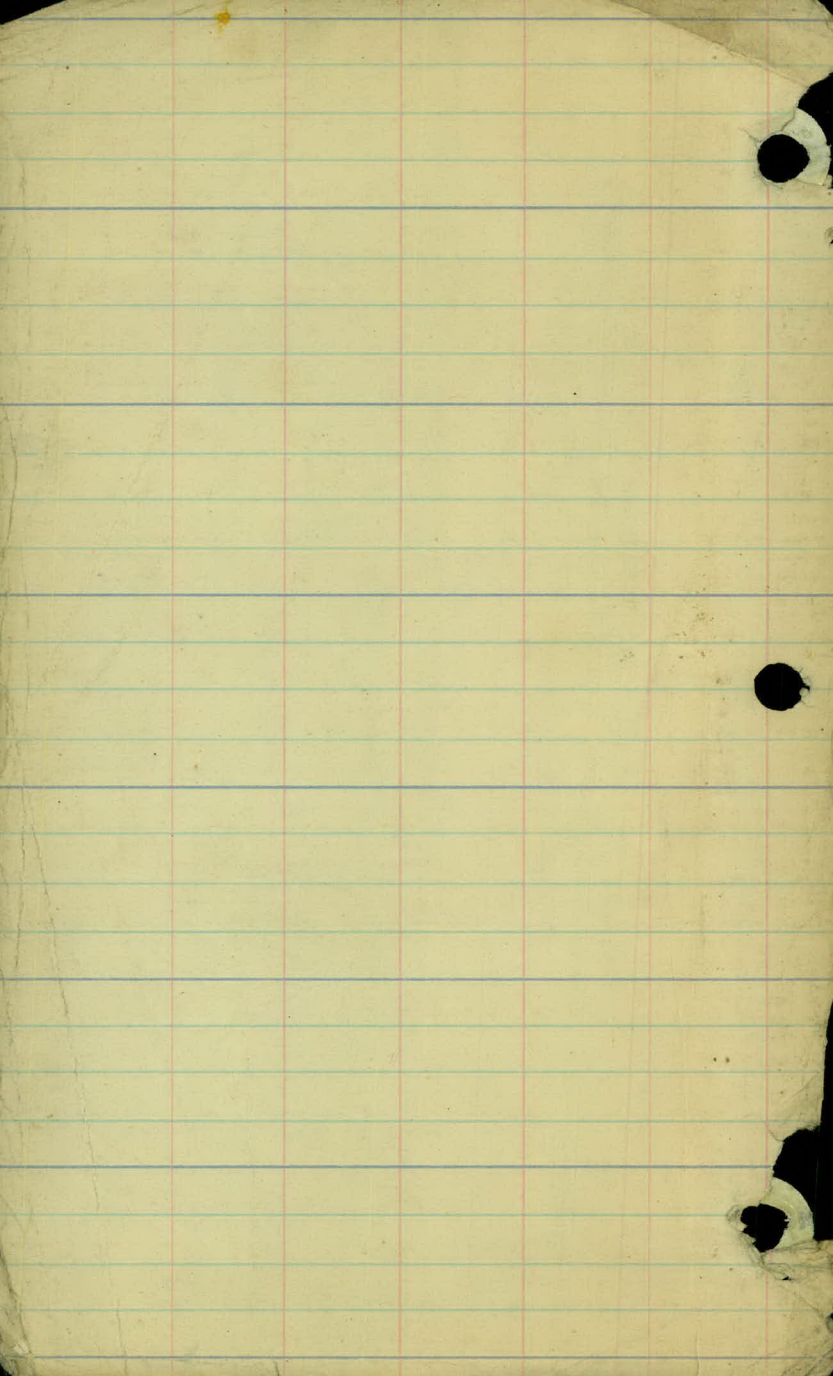
File No. "13"

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

Date Filed 4-5-24

File No. "13" Rd. #3

Lexington Ave



Maintenance Work Survey

Road # 3.

North on Lexington Ave.
from Co. Rd. E. to County line.

Jorgenson
Crane
Persons
Briggs
Jan Koski
Eck.

0+00 to 52+30

Align.
Center Elev.
X. Sections
Hrs. Topog.
Check Levels

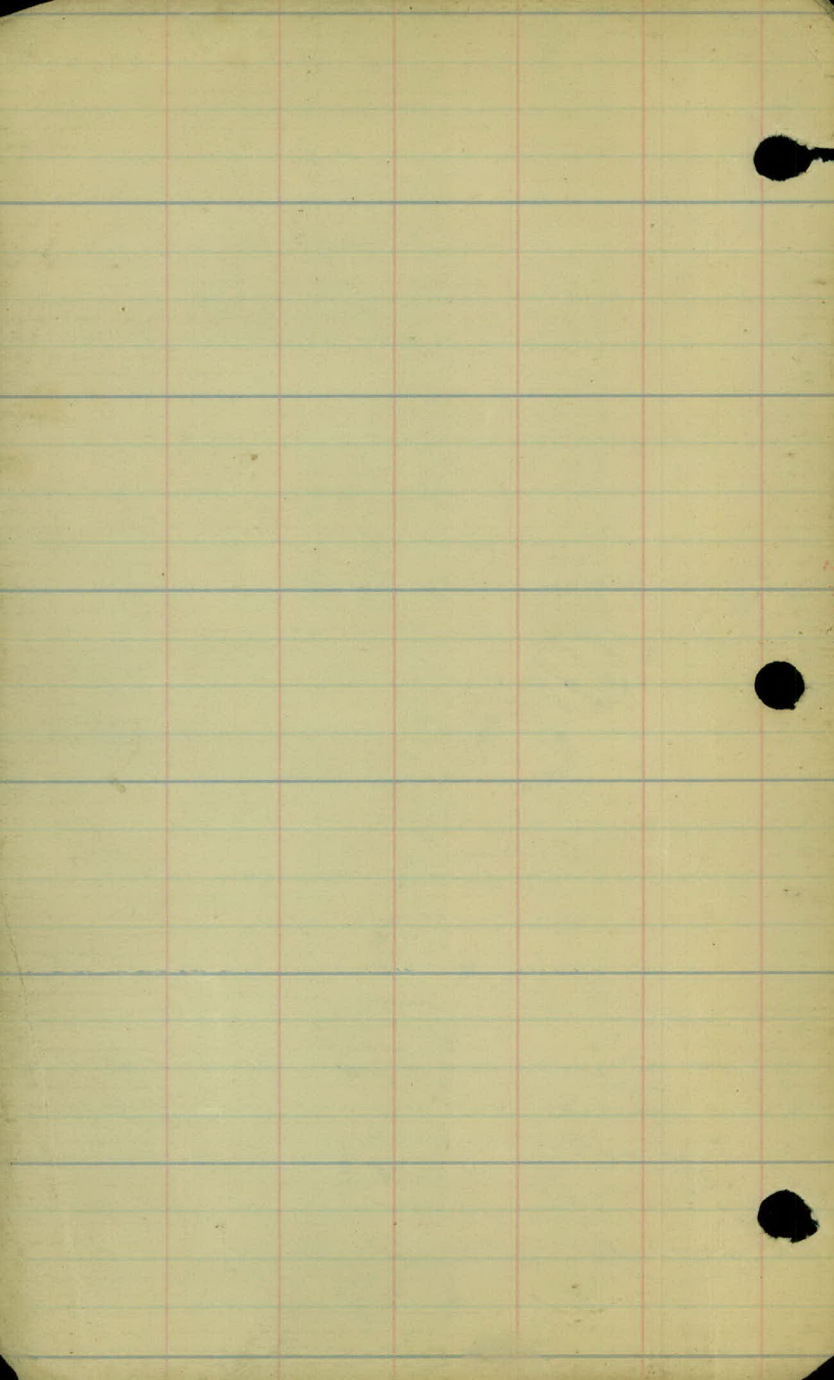
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ST. PAUL, MINN.

Date Filed

File No.

Rec. 4-5-24

1st Mile



Road #3.

Lexington Ave.

Align. from Sta. 0+00 to
Sta. 52+80 ⁴.

Sta.	Point.	Lt.	Rt.	
52+80 ⁴	P.I.		0°-05'	X N 00°-45' W.
				N 00°-50' W.
26+40 ⁶⁵	P.I.		0°-07'	X
3+12 ³	West bound Soc. line track.			N 00°-57' W.
2+94 ⁸⁵	East bound Soc. line track.			
0+00	P.O.T. N.E. Cor. of Sec. 34. X North on Lexington Ave from Co. Road E.			

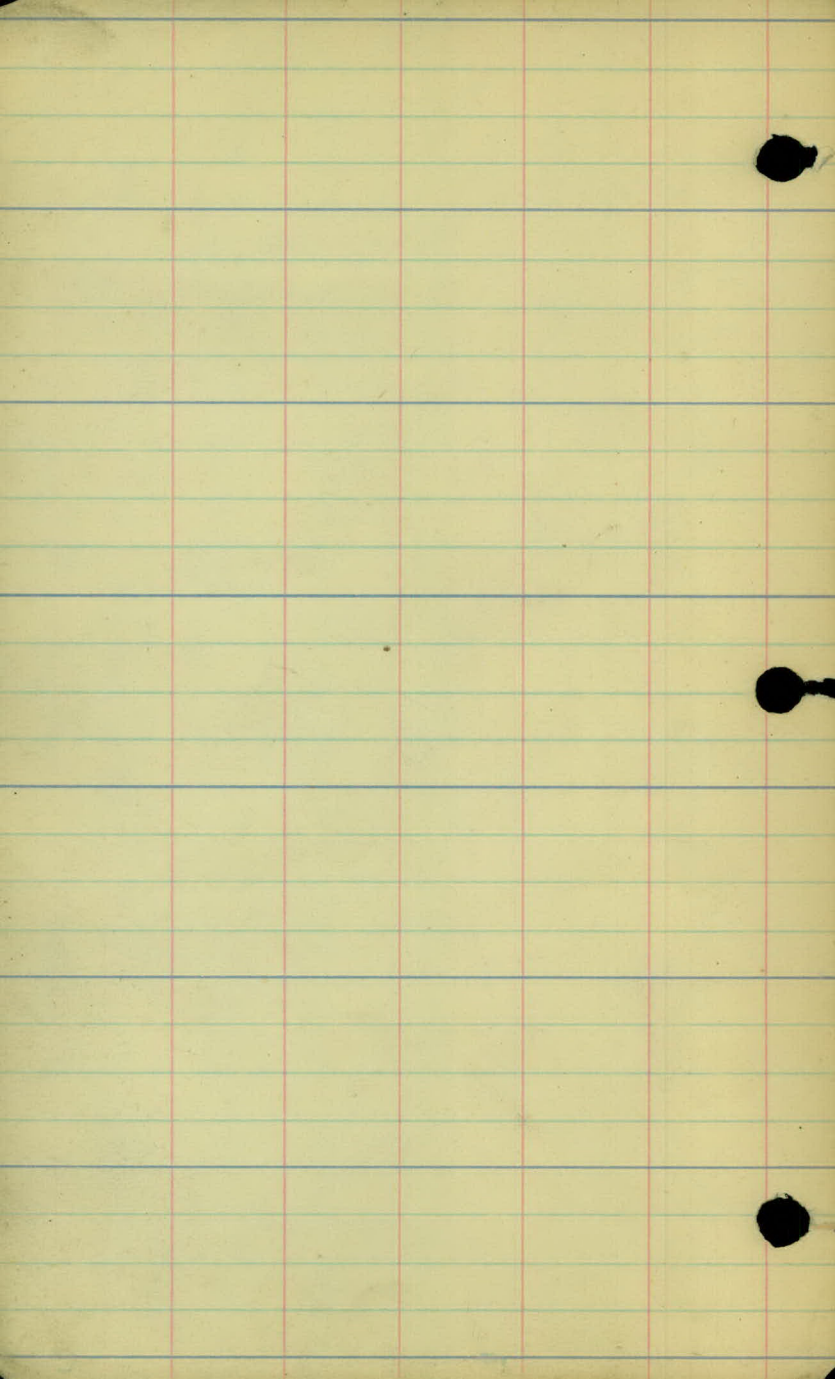
N.E. Cor. Sec. 27. Stone Mont.
 T.P. 0 36.72' 37.13' 0 T.P.
 78.15' 34.02' 40.72' 0 T.P.
 2nd White Oak

Cor. on the E. line of Sec. 27 Stone Mont. Found WMB. Feb 18, 1920
 E.P. 39.12
 14" Oak 3 25.4'

T.P. 0 21.95' 32.66' T.P.
 75° 17'

75° 17'

To Road E. 89° 40' 0 T.P. 25.25' 56.55' 81.14' 78" Oak Obl. Oak
 Set in Pavement Stone Mont.
 47.18 12" Oak
 57.8' 2" Oak
 Lex. Ave.



Road #3.

Lexington Ave.

Align. from Sta. $52+80^2$ to

Sta. $158+18^2$,

Sta. Point Ht. Rt.

N. 00° - 59' W.

131+86[±] P.I. 0° - 01'

N. 00° - 56' W.

105+52⁴⁵ P.I. 0° - 11' ✓

X

N. 00° - 45' W.

48+12⁰ P.O.T.

N. 00° - 50' W.

52+80[±] P.I. 0° - 05'

X

10" Tam. $\square$

Iron Road sign.

$\frac{1}{4}$ Cor. on the E. line Sec. 15.
Stone Mont.

Stone Mont.

E.P.O.

42.92'

350'

222.55'

Road on Rt.

21.16'

T.P.O.

46.39'

Co. Road G.

46.24'

T.P.

N.E. Cor. Sec. 22.
Stone Mont.

90.00'

6" stump $\square$

50.3'

6" stump $\square$

35.45'

T.P.O.

36.22'

N.E. Cor. Sec. 27

37.13' T.P.

Sta. Point Lt. Bt.

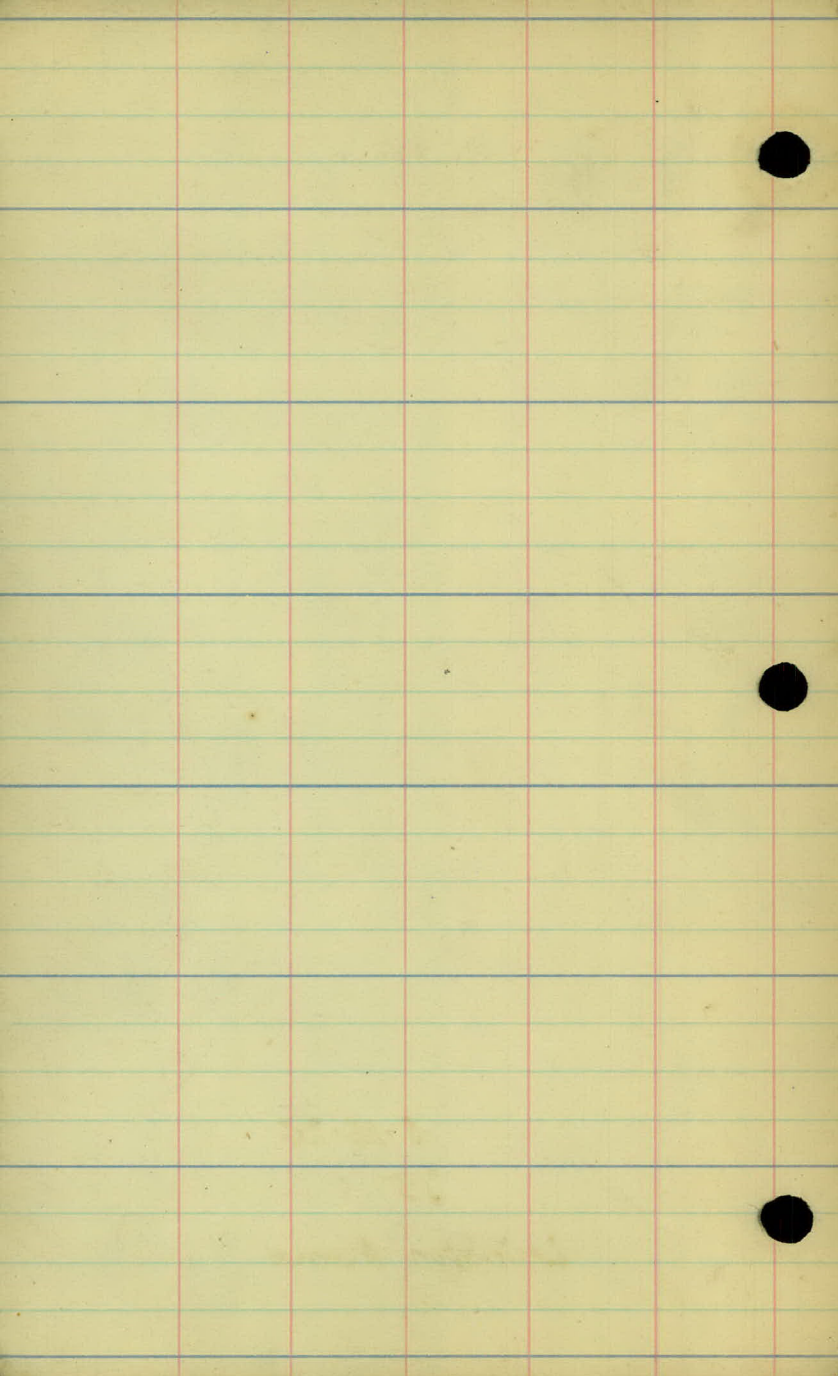
158 + 18² P.I.

Nov - 57 W.X

N.E. Cor. Sec. 15.

stone Mont.

W O T.P.
48.18 57.20 1" Bk. Dsk.
□ 51.95 6" Gk.



Road # 3,
Lexington Ave.

Align. from Sta. 158+18² to
Sta. 210+93².

Maintenance Survey

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

Date Filed 4-16-24

File No. 73

Lexington Avenue

Sta. Point Lt. Rt.

210+93⁸ P.I. 0°-04' ✓

X N.01°-02'W. ✓

194+74⁵ P.O.T.

N.00°-58'W. ✓

184+57⁶ P.I.

0°-13' ✓

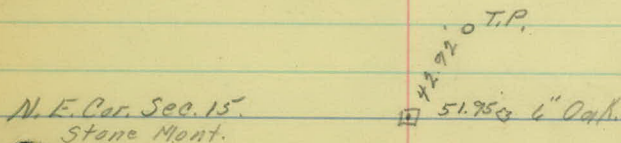
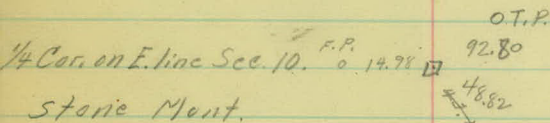
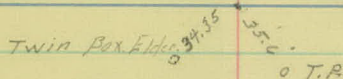
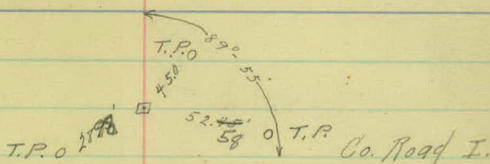
X N.01°-11'W. ✓

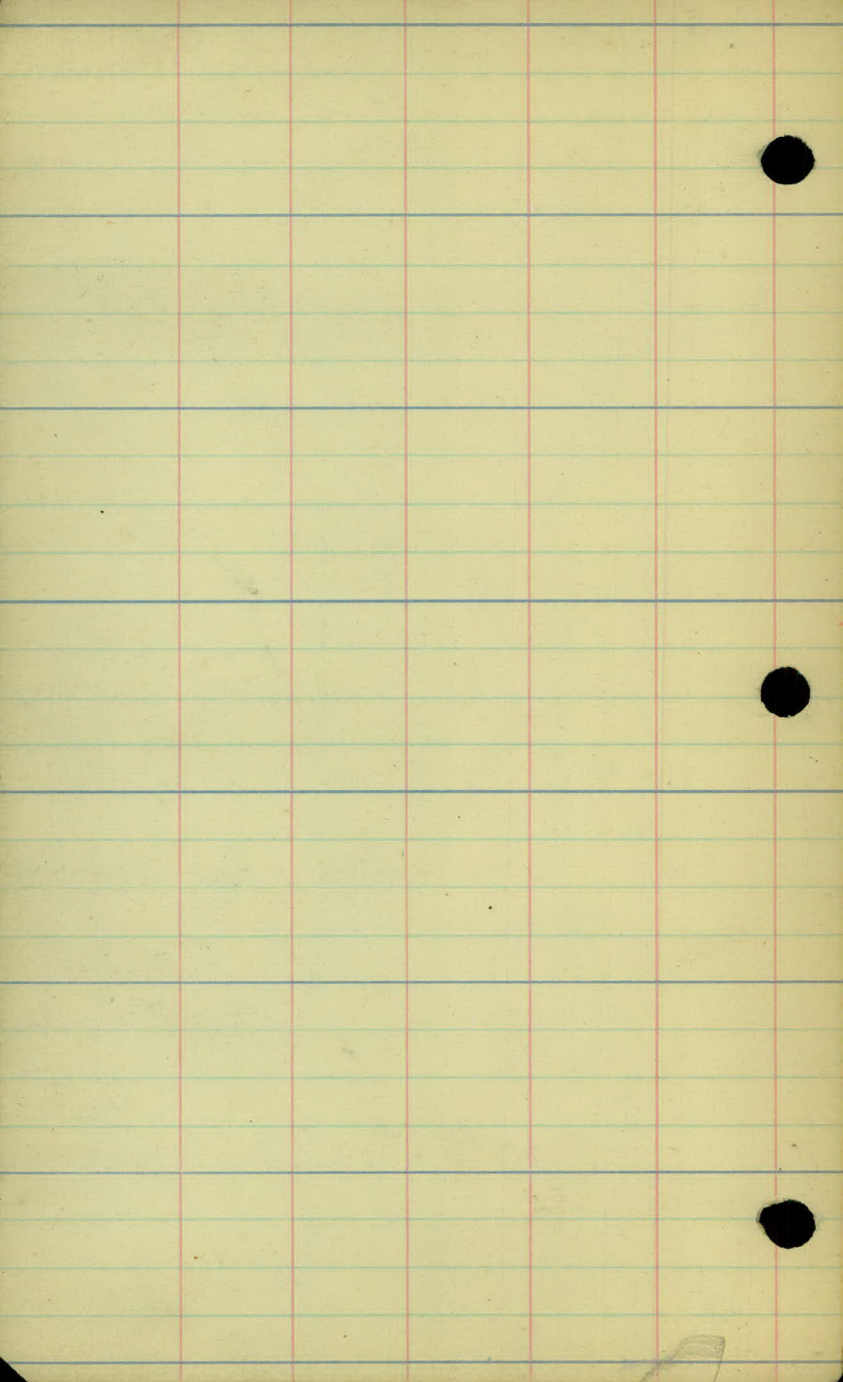
158+18² P.I. 0°-14' ✓

211
00

X N.00°-57'W. ✓

N.E. Cor. of Sec. 10.
Stone Mont.





Road # 3.

Lexington Ave.

Align. from Sta. 210+93 ⁸ to
Sta. 305+29 ²⁵ End of Proj.

1st mile on #3
~~turnover~~
4-23-24

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

Date Filed 4-23-24

File No.

Sta. Point Lt. Pt.

239+07¹ P.T. ✓

N. 53°-22' W. ✓

237+86² P.I. 52°-20'

x

236+45⁴³ P.C. ✓

N 01°-02' W. ✓

219+14^c P.O.T.

210+93⁸ P.I.

x

236+45⁴³

237 - 5°-27½'

+50 - 10°-27½'

238 - 15°-27½'

+50 - 20°-27½'

239 - 25°-27½'

+07 - 16°-10'

20°-Curve Lt.

$\Delta = 52^\circ - 20'$

Tang. = 141.47

Length = 241.67

Rad. = 287.94

P.C. = 236+45⁴³

P.T. = 239+07

1/4 Cor. on the E. line Sec. 3,
Stone Mont.

71.6 12" Oak
52.55 4" Oak
84.4 20"
38 18" Oak

o F. Post.

31.95

26.250 F. Post.

N.E. Cor. of Sec. 10.
Stone Mont.

Co. Road I.

Sta. Point Lt. Pt.

156+96²³ P.T.

S. 89°-04' W. ✓

156+09⁴ P.I. 54°-15'

X

155+02²⁷ P.C.

N. 34°-31' W. ✓

151+06⁷⁸ P.T.

149+90¹⁵ P.I.

18°-51'

X

148+71¹⁵ P.C. ✓

N. 53°-22' W. ✓

255+02²⁹

+50 - 4°-55'

256 - 14°-10'

+50 - 21°-25'

+76⁸³ - 18°-12½'

15.28' = R.P.

30.08'

18" stump

29°-Curve Lt.

Δ = 56°-25'

Tang. = 109' ✓¹¹

Length = 194' ✓⁵⁴

Rad. = 199' ✓⁷⁰

P.C. = 255+02²⁹

P.T. = 256+76⁸³

248+71¹⁵

249 - 1°-09'

+50 - 3°-09'

250 - 5°-09'

+50 - 7°-09'

251 - 9°-09'

+06²⁸ - 9°-25½'

o Fence Post.

20.45'

28.1'

3 8" Tree.

8°-Curve Rt.

Δ = 18°-51'

Tang. = 119' ✓⁹⁰

Length = 235' ✓⁶³

Rad. = 714' ✓²²

P.C. = 248+71¹⁵

P.T. = 251+06²⁸

Sta. Point Lt. Rt.

305+19⁷⁵ P.O.T. End of Proj.

x

286+96⁵³ P.T.

N, 09°-21' W. ✓

285+87⁵ P.I.

81°-28'

x

284+15⁵³ P.C.

S, 89°-11' W. ✓

263+60⁰ P.I.

0°-07'

S, 89°-04' W. ✓

12" Box Elder. 47.45' T.P. 1/4 Cor. N. line Sec. 3.
 N.W. Cor. Sec. 3. 678.95' 67.85' 44.20' T.P. Mont.

80°-16'

284+15⁵³

+50-5°-00'

285 -12°-15'

+50-19°-30'

286 -16°-45'

+50-34°-00'

+96⁵³-40°-44'

21.19' Fence Post.

59.45' P.P.

29°-Curve Pt.

$\Delta = 81°-28'$

Tang = 171⁹⁷

Length = 281⁰⁰

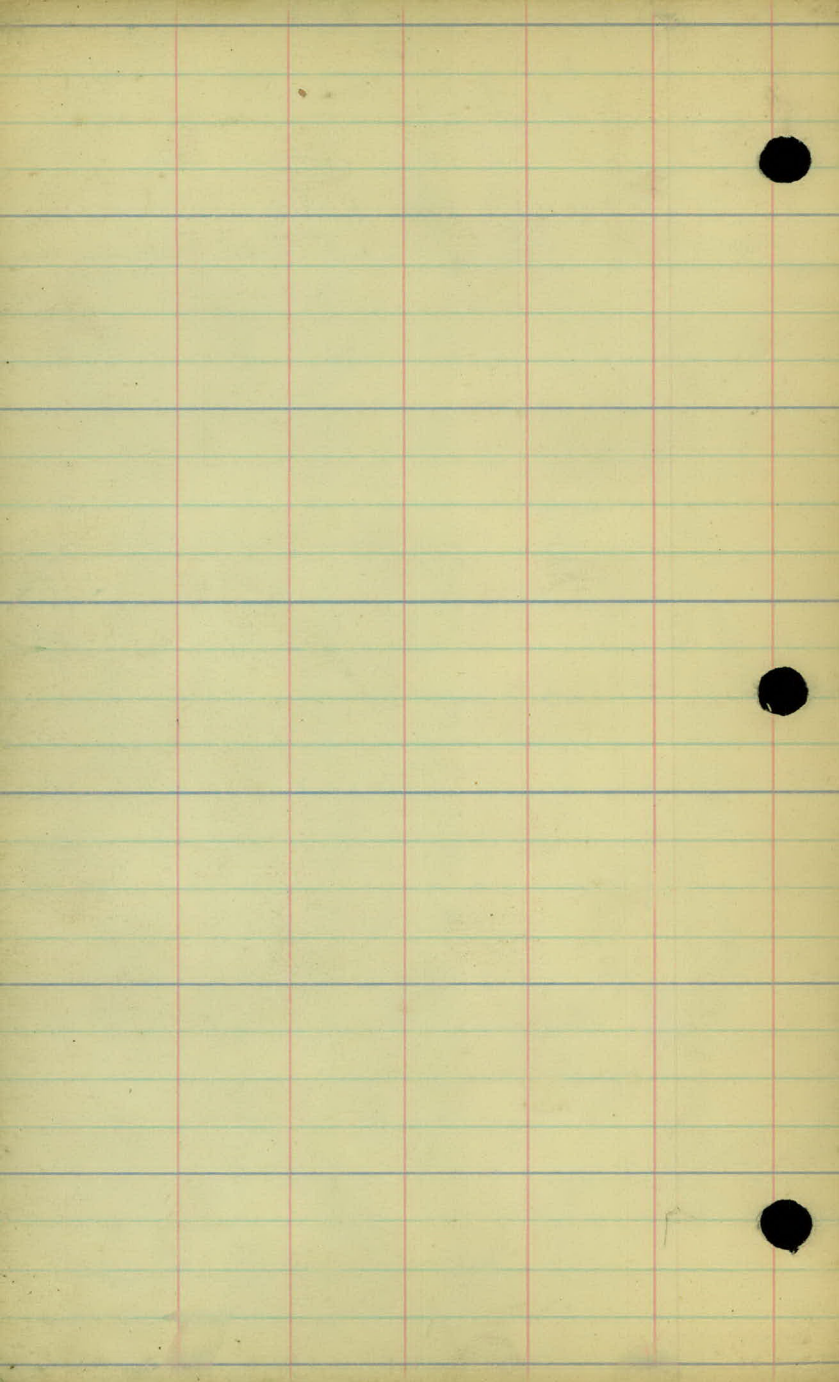
Rad. = 199⁰⁰

P.C. = 284+15⁵³

P.T. = 286+96⁵³

44.45' Fence Post.

50.25' 6" Tree.



Road #3.

ART. TOPOG. -

LEXINGTON-AVE.
FROM
LAKE JOHANNA ROAD
TO
ANOKA-COUNTY-LINE

REC. A.L. PERSONS.
CHAIN. H. BRIGGS.
" A.M. JANKOSKI.

4-3-24. STA. 0+00. TO. 52+80-06.

6.

5.

4.

3.

2.

1.

0+00

FENCE 25' Lt

+39 TP 15' Lt

+13 R.R. SIGN. Post + 13' Lt
FENCE 20' Lt

FENCE 20' Lt

+63 TP 13' Lt

+47 BEG. FENCE 21' Lt

PASTURE

+12 & 2. RAIL. Soo. RR.

+96 & 1. RAIL. Soo. RR.

+75 SIGN. Post 18' SIDE TRACK 19' Rt

+51 END FENCE 20' Lt

+41 TP 14' Lt

PASTURE

+33 OIL TANK 40' Rt

RAMSEY COUNTY OIL TANKS.

+93 OIL TANK. 30' Rt

+39 BEG FENCE 18' Lt

+79 TP 16' Lt

+31 TREE 31' Rt

+17.56' TREE

+17 TP 23' GY P. 25' Lt

LAKE & JOHANNA RD.

12

11

10

9

8

7

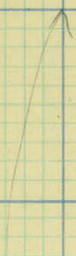
6

Lt

Z

Rt

FENCE 25' Lt



+52 T.P. 14' Lt

FENCE 25' Lt

+82 T.P. 14' Lt

PASTURE

PASTURE

+10 T.P. 15' Lt +12 SIGN Post 12' Lt

FENCE 25' Lt

FENCE 25' Lt



18

17

16

15

14

13

12

Lt

4

Rt

FENCE 25' Lt

+40 TP. 14' Lt

+27 TREE 30' Rt

+09 FARM. RD. Rt

+95 TREE 30' Rt

+77 TREE 30' Rt

+54 TREE 23' Rt + 26' Rt

FENCE 25' Lt

+69 TP. 14' Lt

PASTURE

PASTURE

FENCE 25' Lt

+95 TP. 13' Lt

+55 X FENCE

+25 TP. 14' Lt

FENCE 25' Lt

24

23

22

21

20

19

18

Lt

±

Rt

FENCE 24' Lt

+88 END FENCE 26' Rt

FENCE 26' Lt

FENCE 26' Rt

+54 TP. 14' Lt

FENCE 25' Lt

FENCE 27' Rt

+82 TP. 14' Lt

PASTURE

PASTURE

FENCE 28' Rt

+64 BEG. FENCE 28' Rt

+13 TP. 14' Lt

FENCE 25' Lt

30

29

28

27

26

25

24

6.

 $\frac{d}{dt}$

$P+$

+70 TP 14' Lt

+90. PP. 29' R+

+01. T.P. 14' L⁺

HAY MEADOW - LOW LAND.

+70 P.P. 30' Rt

+ 63 TREE + MILK STAND. 13' L

+ 40 ROAD LT.

+26TP. 17' LT END FENCE 17' ~~++~~

FENCE 16' 1/2"

HAY MEADOW-

+25 YP, 14' Lt

FENCE 24' L

36

35

34

33

32

31

30

4

8

R+

FENCE 21' L+

+65 BEG FENCE 21' L+

+08 TP. 15' L+

PP. 28' R+

+27 TP. 17' L+

+98 PP. 28' R+

TREES 26'

+56 TP. 14' L+

+05 BEG WOODS

HIGHLAND ROW TREES -

HAY MEADOW

+85 PP. 28' R+

42

41

40

39

38

37

36

L+

E

R+

FENCE 32' L+

TREES 27' L+

+42 TP. 16' L+

FENCE 27' L+

TREES- 27' L+

+61 TP. 15' L+

FENCE 27'

WOODS

FENCE 24' L+

+89 TP. 15' L+

FENCE 21' L+

+17 PP 27' R+

+14 PP 28' R+

+07 PP 28' R+

HAY MEADOW

48

47

46

45

44

43

42

24

25

26

FENCE 22' L

+57 TP 15

TREES 27' L

FENCE 28' L

+80 TP 14' L

TREES 28' L

FENCE 29' L
+99 TP 16' L

TREES 32'

WOODS

+20 TP 16' L

FENCE 32' L

FENCE 21

+01 BEE FENCE 21 R
+96 PP. 25' R
+82 TP. 13' R

+42 TREE 12'
+22 TREE 12'
+12 FARM. RD R

+94 TREE
+80 TREE 15'

+15 PP 24' R

+51 TREE 16' R

+16 TREE 18' R

+32 PP 21' R

PASTURE

HAY MEADOW

54.

53

52.

51.

50

49

48

L+

E

R+

COUNTY & TOWNSHIP

+80-06.
 +65 TP. 33' R+
 +60 PP. 31' R+
 +42 TP. 12' R+

+55 END FENCE 30' L+

FENCE 28' L+

END WOODS

+15 TP. 14' L+
 TREES 30' L+

PASTURE

+07 TP. 10' R+

FENCE 30' L+

+41 END FENCE 19' R+
 +45 PP. 29' R+

FENCE 17' R+

+67 TP. 14' R+

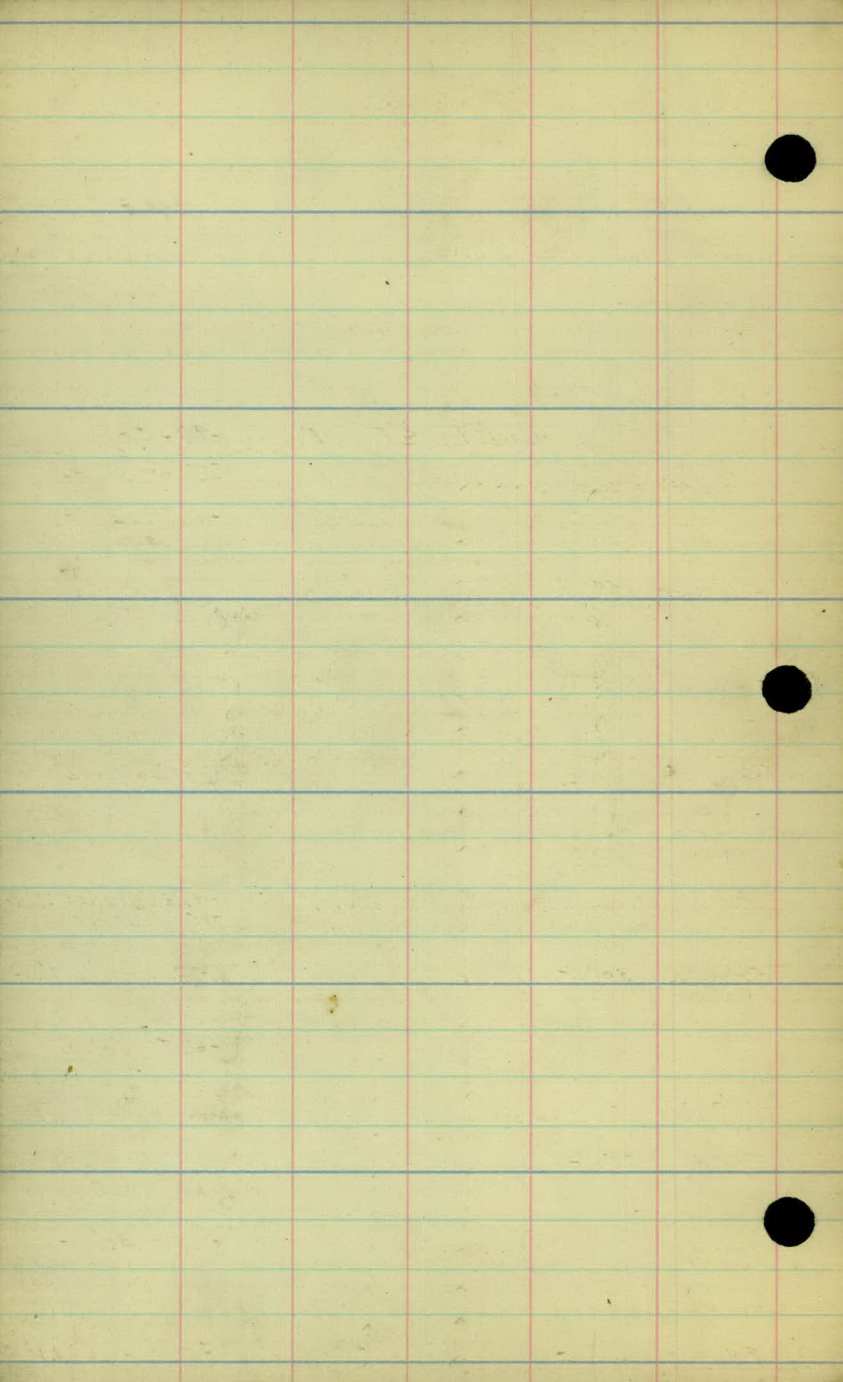
+30 TP. 16' L+

TREES 31' L+

+61 PP. 31' R+

FENCE 22' L+

FENCE 21'



ART. TOPOG.
LEXINGTON - AVE
FROM
LAKE JOHANNA ROAD
TO
ANOHA COUNTY LINE.

REC. A.L. PERSONS.
CHAIN. H. BRIGGS.
" W.C. JORGENSEN.

STA - 53 to 105 + 52.45

4-9-24.

59

58

57

56

55

54

53

+12 T.P. 16' Lt

+43 T.P. 16' Lt

+70 T.P. 16' Lt

+13 T.P. 17' Lt

Cult.

FENCE 21' Rt

+37 P.P. 28' Rt

FENCE 18' Lt

+73. BEG. FENCE 18'

+56 P.P. 28' Rt

+98 P.P. 28' Rt

+03. SIGN. P. 18' Rt

Cult.

65

64

63

62

61

60

59

+90 T.P. 16' Lt

+90. FARM. ENT. Rt

+50 TREE 18' Rt

+20 T.P. 16' Lt

+50. END, FENCE 18

+52 T.P. 16' Lt

FENCE 20'

+82 T.P. 16'

P.P. 29' Rt

CULT

CULT

+24. P.P. 28'
FENCE 21' Rt

71

70

69

68

67

66

65

+09. TP 15' Lt

+58 TREE 20'
+51 " "
+49 " "

+36 TP 15' Lt

STUMP 15' Lt

+98. P.P. 28' Rt

+78 TP 16'

+53 FIELD. ENT.

CULTY

+28 P.P. 28' Rt
CULTY

77.

76

75.

74

73

72

71

G. R. 10.5' Lt

+89. T.P. 14' Lt

G. R. 11' Lt

+50. BEG. G.R. 11' Lt

+41. FARM. ENT. Lt

+23 T.P. 16' Lt



G. R. 9.5

G. R. 9' Rt

+08. BEG. G. R. 9' Rt

+20. TREES. 30' R

+10. " 30'

+90. " 30'

+50 T.P. 14' Lt

+81. T.P. 15' Lt

83.

82

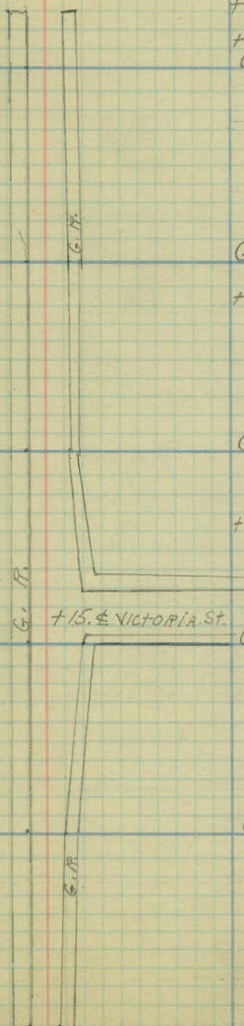
81

80

79.

78

77



89

88

87

86

85

84

83

+10 END. TREES. 20'

+18 MAIL BOX 15' + P.P. 28'

+13 FARM. ENT. CULV. 12x25.

+80 TREES 20'

+41 T.P. 15'

+41 P.P. 28'

+10 T.P. 14'

+67 FARM. ENT.

+40 TREES 25'

+30 " "

+26 " "

+19 " "

+94 STUMP. 23'

+66 P.P. 28'

+45 STUMP. 23'

+28 " 15'

+15 STUMP. 15'

+97 FARM. ENT.

+80 END. FENCE 22'

+79 MAIL BOX. 20'

+54 TREE 21'

+35 BEG. FENCE 28'

+33 TREE 30'

+78 T.P. 14'

+97 FARM. ENT

+48 T.P. 16'

*
*
*
*
*

95

94

93

92

91

90

89

+ 97. END FENCE 32' x x x x

+ 07. T.P. 16'

+ 54. P.P. 33'

FENCE 20' x

+ 73. T.P. 15' x

+ 32. BEG. FENCE 17' x

+ 78. P.P. 33' x

+ 31. T.P. 16' x

+ 12. P.P. 33' x

+ 05. T.P. 15' x

101

100

99

98

97

96

95

+63. P.P. 33'

+53. T.P. 18'

+85 P.P. 33.

+23 T.P. 17'

+04. P.P. 33'

+93 T.P. 17'

+34. FARM. ENT. CULV. 12x21.

+67 T.P. 16'

+35 P.P. 33'

+35 T.P. 16'

+14. FARM. ENT.

105

104

103

102

101

+52.45. $\pm$ COUNTY ROAD. G.
+40 GY. P. 26'

+18. MAIL BOX 16'

+18 T.P. 19'

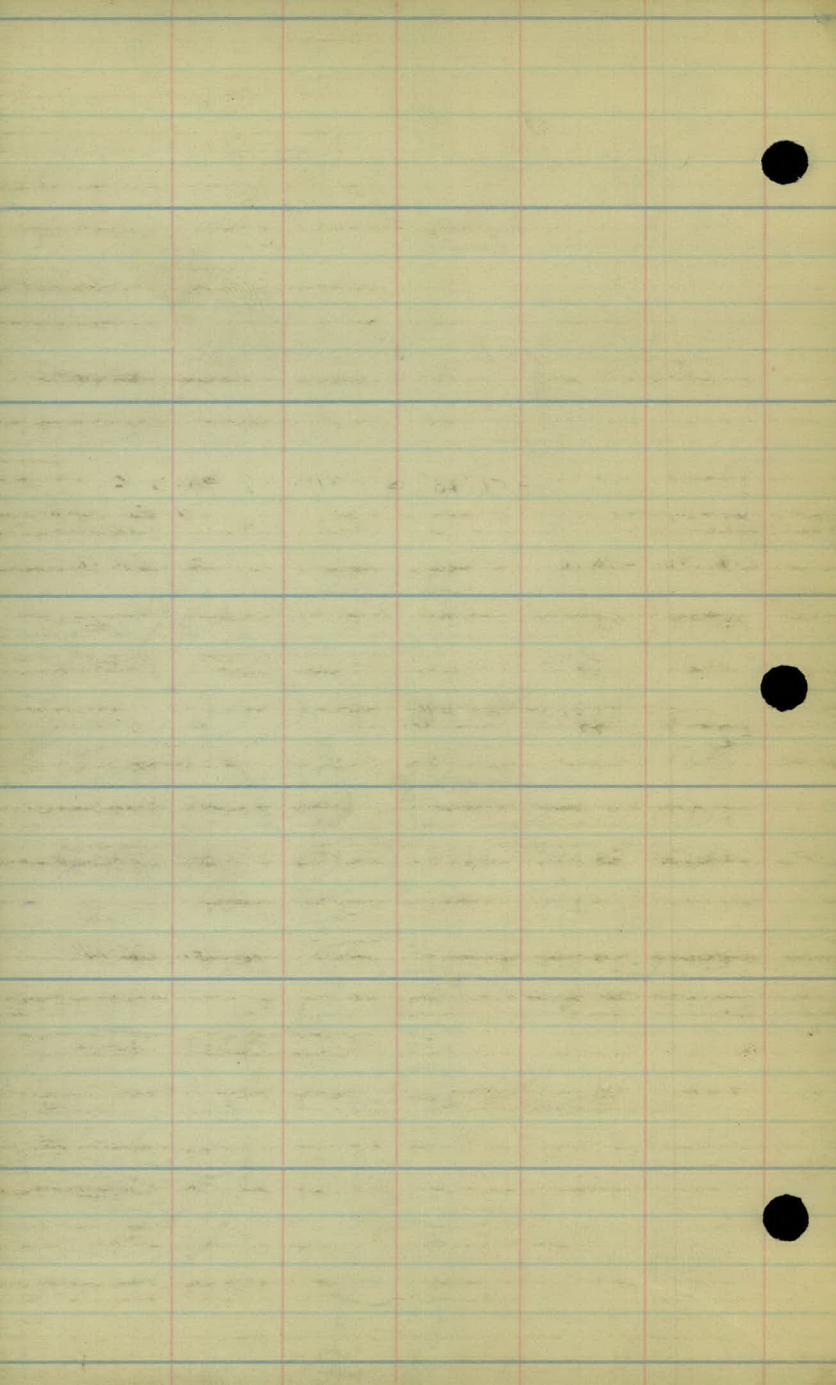
+21 P.P. 33'

+24 T.P. 19'

+11. T.P. 19'

+40 P.P. 33'

+79 T.P. 17'



TOPOG

LEXINGTON- AVE.

COUNTY ROAD- E.

TO.

ANOHA COUNTY LINE.

STA. 105 to.

JOB. #

REC. A.L. PERSONS.

CHAIN. H. BRIGGS.

" W.C. JORGENSEN.

4-10-24.

111.

110

109

108

107

106

105

+44. P.P. 15'

+78 T.P. 19'

+47. ROAD L. TO OIL STA. CULV. 12X36.

+27 FARM ENT

+93. FARM ENT CULV. 12X32.

+75 P.P. 15'

+53 T.P. 20

+79. HOUSE ENT. CULV. 10X12.

+60 END. FENCE 21'

+30. T.P. 20.

+93. P.P. 15'

+03. T.P. 20'

ORCHARD.

+14 P.P. 16'
FENCE 21.

+92 P.P. 19'

+77. SIGN. P. 18'

+69. SIGN. P. 22' FENCE 21

117

116

115

114

113

112

111

FENCE 35'

+74 P.P. 14'

FENCE 35'

+96 P.P. 15'

+70 @ 28'
+60 @ 27'

+02 @ 30'

+97 @ 20'

+85 @ 29'

+17 P.P. 15'

+50 FENCE 35'

FENCE 24

+95 T.P. 18'

FENCE 24

+76 T.P. 18'

FENCE 24

+39 T.P. 18'

+08 T.P. 19'

+72 FENCE 24'

123

122

121

120

119

118

117

+56 P.P. 14'

+68 T.P. 17'

FENCE 17'

+86 P.P. 18'

+37 T.P. 17'

FENCE 21'

+08 T.P. 17'

SWAMP

SWAMP

+16 P.P. 15'

+07. BEG. FENCE 17

+90. FARM. ENT. COLV. 10 x 30.

+79 T.P. 16'

+69. END FENCE 35

+44 P.P. 14'

+72 END. FENCE 24

+52 T.P. 17'

+23 T.P. 17'

FENCE 24'

129

128

127

126

125

124

123

+72 P.P. 14'

FENCE 16'

FENCE 16'
+94 P.P. 14'

FENCE 15'

+23 P.P. 13'

FENCE 17'

SWAMP

TP. 18'

+65 TP. 18'

+33 TP. 17'

+99 TP. 20'

SWAMP
+68 TP. 17'

135

134

133

132

131

130

129

FENCE 23'

WOODS 35' LT

+04 TP 18'

SWAMP

FENCE 23'

+38 TREE 30' TAM.

+71 TP 18'

+09 MAIL BOX 12'

+06 BEG. FENCE 23'

+86 END FENCE 17' - x x x x

+86. 2 COUNTY RD. G # 2.

+69 P.P. 15'

+58 64 P. 16'

+48 TP 18'

FENCE 16'

+54 P.P. 15'

+29 TP 18'

FENCE 16'

FENCE 16' ↓

↓ TP 18'

141

140

139

138

137

136

135



+65 TP. 17'

CULT. V. FIELD.
+36 TP. 17'
+04 TP. 19'

+58 — — — — —



END SWAMP.



+58 END FENCE
END. SWAMP.
+72 TP. 19'
FENCE 23'

+39 TP. 19'

WOODS. 35'

147

146

145

144

143

142

141

1900.

25'

FENCE 23

+ 49 (3)

19'

298

21

409. B

23

FENCE 25'

+73. TP. 19'

f 41. ②

30

+ 21. (2)

30 ✓

FENCE 26'

+ 45° TP 19"

+14. BEG FENCE 25

+90. FARM ENT

+21 TP. 19'

+92 TR 17'

8000

A vertical line of 'x' marks on graph paper, with a few marks extending horizontally at the bottom.

153

152

151

150

149

148

147

+54 TP. 19'

✓ 50. BEG. WOODS. 40'

+27 TP. 19'

+24 ③ 22'

TP. 19'

+60 ③ 25'
+50 ③ 25'

+80 TP. 19'

+46 TP. 19'

x x x x

+99. END FENCE 21'

x
x
x
x
x
x

+19 TP. 19'

+03 ② 24'

159

158

157

156

155

154

153

WOODS. 40' L^t

+32 T.P. 19'

+06 T.P. 19'

WOODS STUMP LAND.

WOODS. 40'

+78 T.P. 19'

WOODS + STUMP LAND.

+54 T.P. 19'

165

164

163

162

161

160

159

TO P O G
LEXINGTON AVE.
FROM
COUNTY ROAD- E.
TO.

ANOAKA COUNTY LINE ROAD.#3.
STA. 157 TO .210+93- & COUNTY ROAD.I.

REC. AL. PERSONS,
CHAIN. H. BRIGGS,
" M. ECH.

4-14.24.

163

162

161

160

159

158

157

CULTV. FIELD -

END WOODS -

FENCE 20'

+37 TP. 17'

FENCE 20'

+94 TP. 17'

+75 X FENCE 20'

+98 ROAD R+

+85 TP. 17'

FENCE 19'

+35 TP. 17'

UN. CULTV. +14 BEL FENCE 20'

+30 TP. 17'

169

168

167

166

165

164

163

Lt

S

Rt

FENCE 20'

+65 T.P. 15'

FENCE 19'

+32 MAIL BOX 13'

+49 T.P. 15'
+32 FIELD ENT

+26 T.P. 17'

FENCE 20'

CULT V FIELD.

CULT V. FIELD.

+01. T.P. 16'

FENCE 20'

+83 T.P. 17'

xxxxxxx +46 X FENCE.

FENCE 20'

175

174

173

172

171

170

169

FENCE 16'

+77 T.P. 16'

FENCE 16'

+46 T.P. 16'

+29 FARM ENT
+20 BEG FENCE 16'

+43. ROAD RT
+27 END FENCE 20
+10. T.P. 17'

CULTV. FIELD

CULTV. FIELD

+91 T.P. 15'

FENCE 19'

181

180

179

178

177

176

175

FENCE 16'

FENCE 16'

FENCE 16'

FENCE 16'

CULTV. FIELD.

+27 TP. 19'

+98 TP. 18'

+66 TP. 19'

+36 ROAD RT 29x12 C.M.C. PIPE

+37 TP. 17'

CULTV. FIELD.

+05 TP. 17'

187

186

185

184

183

182

181

FENCE 16'

+39 TP 20'

+86 MAIL BOX 12'

FENCE 16'

+56 X FENCE 16' -x++x

FENCE 16'

+14 FARM ENT Vit. Pipe 6x12

FENCE 16'

+75 TP 19'

+23 PP 31'
+10 FARM ENT 12x24 Vit. PIPE

+47 TP 19'

+19 TP 19'

+88 TP 18'

+58 TP 18'

CULT V. FIELD

CULT V. FIELD

193

192

191

190

189

188

187

FENCE 16'

+88 FARM ENT

+08 PP. 20'

+86 TP 17'

+10 PP 20'

+60 TP 17'

FENCE 17'

+21 PP. 20'

+32 TP. 18'

FIELD.

CULT V

UN. CULT V. FIELD.

FENCE 15'

+03 TP. 18'

+77 P.P. 19'

+88 ROAD RT

FENCE 16'

199

198

197

196

195

194

193

FENCE 21'

+80 PP. 20'

+51. MAIL. BOX 14'

FENCE 30'

+38 PP. 19'

BEG FENCE 35'

+38 TP. 37'

+93. PP. 19'

+70 FARM ENT.

+38 MAIL. BOX. 12'

END FENCE 16'

+55 PP. 20'

FENCE 16'

+49. 3 29'
+30 TP. 17'

+80 PRIVATE. ENT.

+67 TREE 30'

+57 PRIVATE. ENT.

+04 TP. 17

TREES - 30' RT

+71 TP. 17'

+42 TP. 17'

+30 BEG TREES. 38'

+11. TP. 17.

205

204

203

202

201

200

199

FENCE 20'

+60 TP. 18'

FENCE 19'

+38 TP. 18'

FENCE 18'

+03 TP. 17'

BEG SWAMP 20'

HAY MEADOW.

+03 TP. 17'

+90 PRIVATE ENT

+78 TP. 17'

+56 TP. 17'

FENCE 20'

211.

210

209

208

207

206

205

2+

2

17+

± 93.8 COUNTY ROAD. I.

+75 END FENCE +75 PP. 21'

+75 TP. 50'

+42 TP. 21'

FENCE 25'

END SWAMP

+51 TP. 19'

FENCE 20'

+39 TP. 19'

FENCE 20'

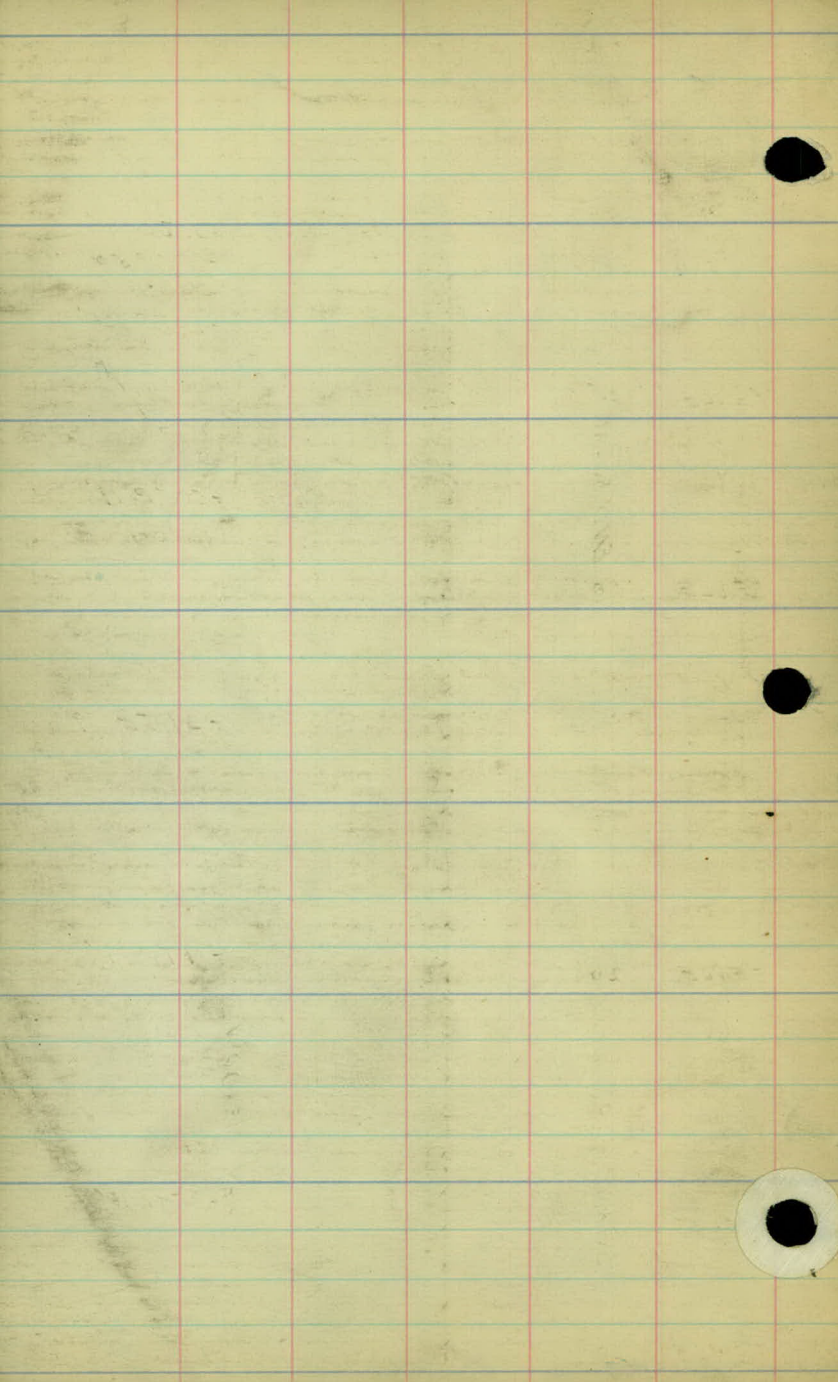
+14 TP. 19'

SWAMP 20'

HAY MEADOW

+85 TP. 18'

FENCE 20'



TOPOG.
LEXINGTON AVE.
FROM.
COUNTY ROAD. I.
TO.
ANOHA COUNTY. LINE. ROAD #3.

STA. 210 TO 305 + 29.75 ±

REC. H. L. PERSONS.
CHAIN -

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

Date Filed 4-24-24

File No. 13

Sta,

216

215

214

213

212

211

210

4

27

Pt

F. 23'
F. 37'

Soared Timber.

F. 37' R.
+69 F. Cor. 12' R.

+69 T.P. 14' L.

Cultivated field/

44 T.P. 15' L.

Cultivated field

+96 T.P. 14' L.

#17 6 Mall Boko 11' L.
 #107 2 Iron Road Signs 12' L.

+32 T.P. 21 R.

Sta

222

221

220

219

218

217

216

4

2

R+

+92 T.P. 181.

0

F. 21' R.
F. 22' R.

+64 T. 23' R.

F. 21' R.
F. 28' R.

+50' T.P. 13' L.

0

Cultivated field

Wood/s

F. 21' R.

+09 T.P. 15' L.

0

F. 21' R.
F. 31' R.

+67 T.P. 14' L.

0

F. 25' R.
F. 37' R.

+16 T.P. 14' L.

0

sta.

228

227

226

225

224

223

222

F. 13' L.

+49 T. P. 12' L.

E 14' L.

+40 T. 22 L.

408 T.P. 12 L.

F. 19' L.

+69 T.P. 15 L.

+12 F. Cor. 15' L.

+30 T.P. 13' L.

Timber - Swamp.

Cultivated field.

Trees 2 Vireo 11/2

Cultivated field

Wool 5

Remo

End. F, 33 R

F. 33' 18

+12

F. 21' R.
F. 28' R.

sta.

234

233

232

231

230

229

228

F. 22' L.

F. 28' R.

F. 20' L.

Woods

F. 22' L.

F. 33' R.

+71 T.P. 12' L.

+73 Fence Cor 25' L.

+60 2 Mail Boxes 12' L.

+42 Farm Ent. 11' L.

+28 F. Cor. 30' L.

+23 F. Cor. 13' L.

+41 T.P. 11' L.

F. 13' L.

F. 13' L.

+91 T.P. 11' L.

Swamp

Farm yard

Swamp

Swamp

Farm yard

Trees

Swamp

+60 Farm Ent R.

F. Cor. 33' R.

Sta.

240

239

238

237

236

235

234

L+

E

R+

Cultivated field.

Cultivated field

4' R. Old Road +50

Old Road 10' R.

+50 Old Road 11' R.

+25 Farm Road R.

Center of Old Road 6' R.

F. Cor. 35' R.

Timber

F. 32' R.

Swamp.

SWAMP

+02 F. Cor. 30' L.

F. 32' R.

sta.

246

245

244

243

242

241

240

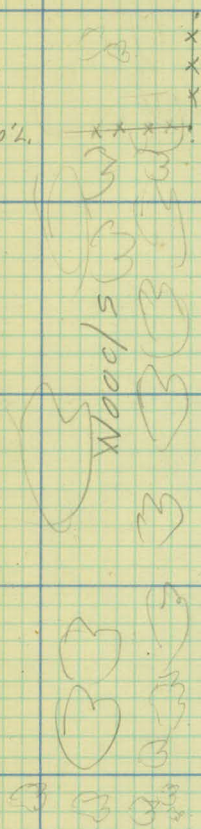
2+

+

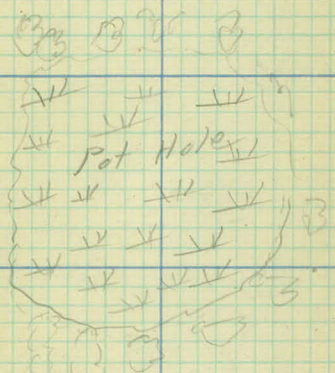
17+

F 19' L.

138 F. Cor. 10' L.

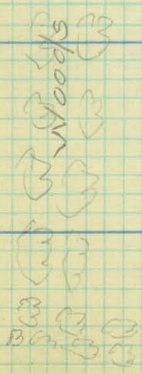


Cultivated field



111 T 18' L.

Cultivated field



Sta.

252

251

250

249

248

247

246

Cultivated Field

pat Hwe

F. 39' L.

F. 20' L.

F. 19' L.

F. 19' L.

Cultivated Field

Sta.

258

257

256

255

254

253

252

Lt

S

Rt

o

+35 P.P. 28' R.

Cultivated field

Cultivated field

4' Rt. Old Road.

10' Rt. Old Road

o +82 Mail Box 22' R.
P.P. 42' R.

2' Rt. Center of
Old Road.

sta

264

263

262

261

260

259

258

2+

2

R+

Cultivated Field

Farm Yard

+98 F. Ent R.

+68 Mail Box H' R.

+79 P.P. 28' R.

+96 P.P. 28' R.

Cultivated Field

+16 P.P. 28' R.

Sta.

270

269

268

267

266

265

264

2x

2x

RT

+16 Center of
Hamline Ave

Cultivated Field

Cultivated Field.

+76 P.P. 28'R.

+86 P.P. 28'R.

+33 T. 15' L.

Farm yard

+45 P.P. 18'R.

Sta.

276

275

274

273

272

271

270

Lt

E

Rt



o

+28 P.P. 25' R.

Meadow.

Meadow.

o

+43 P.P. 28' R.

o

+55 P.P. 28' R.



3/a.

282

281

280

279

278

277

276

Lt

Lt

Rt

Meadow

Meadow

+81 P.P. 28' R.

A

A

+92 P.P. 28' R.

A

+53 Stump 12' R.

+03 T. 21' L.

00

+61 T. 28' L.

0

+28 T. 19' L.

0

Cultivated Field

Cultivated Field

+05 P.P. 28' R.

0

0

+16 P.P. 28' R.

Sta

288

287

286

285

284

283

282

F. 19' L.
+90 T. 15' L.

F. 18' R.

F. 20' L.

F. 17' R.
+88 P.P. 32' R.

+50 T. 22' L.
+39 T. 32' L.
+11 F. Cor. 48' L.
Old Road 28' L.
F. 4' L.

+83 Farm Ent.
+50 P.P. 24' L.
Old Road 46' L.

F. 3' L.

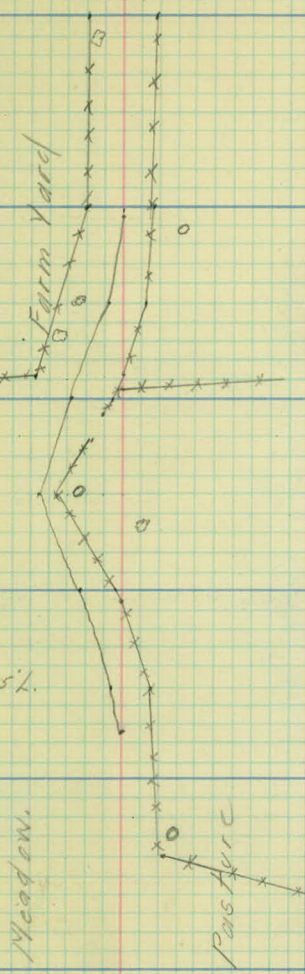
+35 T. R 10'

Center of Old Road 5' L.

F. 10' R.

+155 P.C.

+71 P.P. 28' R.
+60 F. Cor. 21' R.



Sta.

294

293

12 wooden Piling

9 8x12 stringers

3 12x12 Cross Beams

3' Iron guard Rail 31 Long

292

291

290

289

288

14

15

16

+97 P.P. 35' R

Meadow

Meadow

+03 T.P. 12' L

+02 E End of Bridge

+51 Bcg. of Bridge

+23 End of F. 15' L

F. 18' L

+18 End of F. 21' R
+18 T. 21' R
+11 T. 21' R
+07 T. 21' R
+04 T. 29' R
F. 20' R

+87 P.P. 32' R

+56 T.P. 12' L

F. 18' L

F. 12' R

F. 18' L
T.P. 12' L

+06 P.P. 32' R
F. 18' R

Pasture

Marsh

F. 18' L

F. 18' R

+47 T.P. 12' L

+50 P.P. 32' L

+13 T. 14' L

Sta.

300

299

298

297

296

295

294

Lt

E

Rt

F 16' L.

F 15' L.

+64 T.P. 15' L.

F 15' L.

+09 T.P. 14' L.
F. 14' L.

+51 F. OUT. 14.

+20 T.P. 12' L.

+58 T.P. 12' L.

Cultivated field

Meadow

Meadow

Cultivated field

Meadow

+41 P.P. 32' N.

+59 P.P. 32' N.

+90 T. 14' N.

+77 P.P. 32' N.

sta

306.

305

304

303

302

301

300

4+

2

17+

+91 P. Cor. 28' L.
+80 T.P. 18 L

+21 I. Sign P. 28' R.

+97 P.P. 31' R.

E. 20' L.

+29 T.P. 10' L.
P. 17' L.

+08 P.P. 32' R.

E. 16' L.

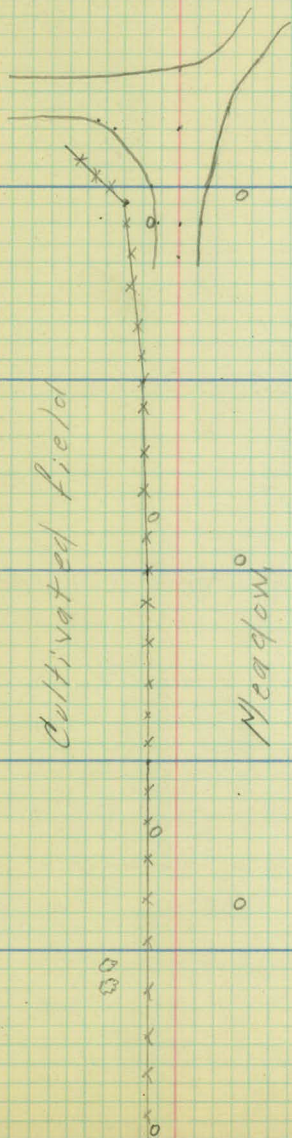
+41 T.P. 16' L.

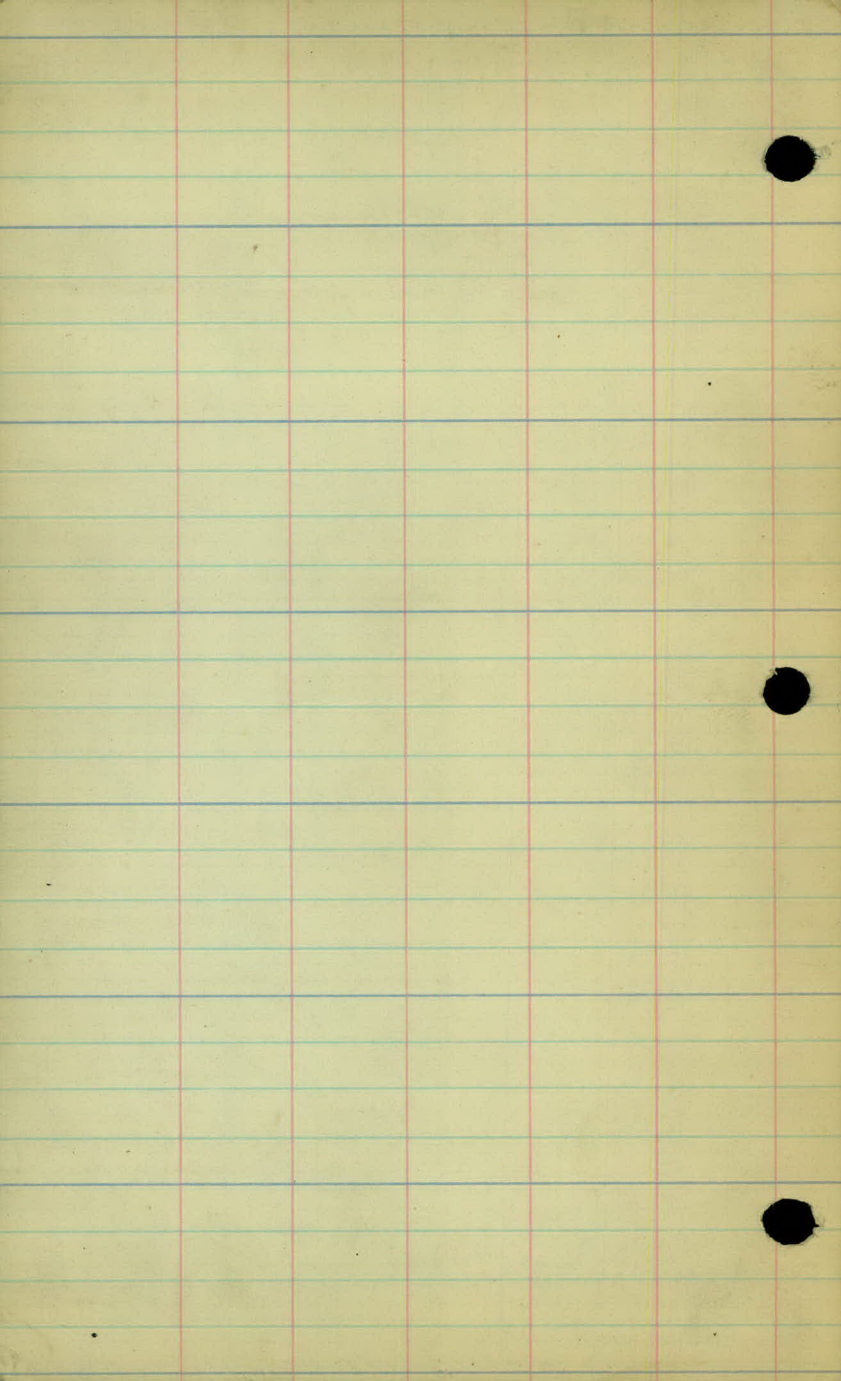
+26 P.P. 32' R.

+07 T.P. 16' L.

Cultivated Field

Meadow





Road #3.

Lexington Ave.

Center line levels and
x. sections from Sta. 0+00
to Sta. 51+00.

160 Buf. Drain 18" high.

Sta.	+	H.I.	-	Rod	Elev.
B.M.	3.48	309.43		306.15	
0+00				4.8	304.8 [✓]

1				6.2	303.4 [✓]
---	--	--	--	-----	--------------------

2				7.2	302.4 [✓]
---	--	--	--	-----	--------------------

+89				7.3	302.3 [✓]
-----	--	--	--	-----	--------------------

3				7.1	302.5 [✓]
---	--	--	--	-----	--------------------

+22				7.7	301.9 [✓]
-----	--	--	--	-----	--------------------

+50				9.4	300.2 [✓]
-----	--	--	--	-----	--------------------

T.P.	1.05	299.41	11.27	298.36	
------	------	--------	-------	--------	--

4				0.7	298.7 [✓]
---	--	--	--	-----	--------------------

+45				2.0	297.4 [✓]
-----	--	--	--	-----	--------------------

5				3.5	295.9 [✓]
---	--	--	--	-----	--------------------

+50				4.9	294.5 [✓]
-----	--	--	--	-----	--------------------

6				6.8	292.4 [✓]
---	--	--	--	-----	--------------------

T.P.	5.72	295.84	7.49	289.92	
------	------	--------	------	--------	--

7				5.2	290.4 [✓]
---	--	--	--	-----	--------------------

14

pt.

Nail in 15" Oak, N.E. Cor. of ~~Hamline~~ - Co. Rd E.

5.7 5.3 4.7 4.5
40 23 22 40

10.3 10.2 10.1 6.9 6.8 7.0
33 28 17 11 17 33

11.8 11.8 7.7 11 7.6 7.7
33 19 12 17 33

11.9 11.8 7.8 13 7.7 7.7
33 19 11 17 33

7.8 7.4 7.1 7.4 7.6
33 10 10 33

8.1 7.8 11 7.8 6.7 11.9 12.4
33 15 10 17 25 33

15.8 15.5 7.7 9.4 10.0 10.0 15.6 15.4
33 15 11 11 14 24 33

7.2 5.7 16 0.1 1.2 4.8 5.0
33 19 13 12 21 33

4.2 3.5 2.7 2.0 2.4 4.2 5.7 6.0
33 23 13 12 19 29 33

9.3 7.3 4.8 3.5 4.1 2.8 2.6
33 17 13 11 19 33

10.9 7.8 5.8 4.9 5.8 7.3 10.6
33 19 13 11 17 33

12.5 12.6 11.1 7.9 6.6 7.4 11.2 12.8 12.1
33 23 17 12 11 17 26 33

8.5 7.6 8.2 5.6 5.1 5.5 10.1 11.4 10.7 7.1 7.1
33 22 18 10 8 18 21 25 29 33

Sta.	+	H.I.	-	Rock	Elev.
		295.84 ✓			
8				5.1	290.7 ✓
9				4.4	291.2 ✓
10				5.0	290.8 ✓
11				5.0	290.8 ✓
12				4.4	291.2 ✓
13				5.0	290.8 ✓
14				5.3	290.5 ✓
15				5.1	290.7 ✓
16				4.8	291.0 ✓
B.M.	1.77	294.71 ✓	290	292.94	
+62				3.3	291.4 ✓
17				3.0	291.7 ✓
+50				3.2	291.5 ✓
18				3.5	291.2 ✓

8.5	8.8	10.0	8.3	5.7	1	5.7	7.7	8.4	10.1	8.7	8.7
33	27	24	17	11	5	11	17	23	25	27	33

8.7	10.0	8.1	5.4	4.6	5.1	8.5	10.0	8.6
33	23	17	13	4.6	10	19	25	33

7.1	10.0	8.7	5.7	5.0	5.6	7.6	10.0	8.7
33	23	17	11	5.0	11	21	24	33

7.3	7.3	8.6	5.8	5.0	5.9	8.3	10.5	7.1	7.1
33	25	18	13	5.0	13	19	25	28	33

7.3	7.6	7.5	6.4	4.6	5.2	7.6	7.7	8.1
33	23	14	11	4.6	11	18	24	33

7.4	7.5	8.7	6.7	5.7	5.0	5.5	7.2	7.6	10.3	7.7
33	25	18	15	11	5.0	10	18	23	24	33

7.6	7.7	7.1	6.2	5.3	5.8	7.3	11.1	7.7
33	23	17	12	5.3	11	17	24	33

7.4	7.8	8.1	5.7	5.1	5.5	8.1	10.0	7.3
33	23	18	12	5.1	11	17	25	33

7.0	7.0	8.6	5.5	4.8	5.2	7.8	7.2	7.8
33	22	17	13	4.8	13	21	28	33

Spk. in 12" film 30' Bt. 5+9, 16+27.

4.7	4.7	6.8	6.5	4.0	3.3	3.8	5.6	7.7	5.1	4.7
33	29	24	19	13	3.3	15	22	24	29	33

2.7	2.7	6.8	6.8	3.7	3.0	3.4	5.1	4.8	2.9	2.1
33	27	23	19	12	3.0	13	23	27	29	33

5.8	5.3	7.2	6.6	4.0	3.2	3.4	6.5	6.5	3.7	3.8
33	25	22	18	13	3.2	14	22	24	29	33

7.5	7.3	7.4	4.5	3.5	4.1	5.8	7.6	6.7	6.5
33	23	17	13	3.5	13	17	24	29	33

Sta.	+	H.I.	-	Rod	Elev.
		294.71			
19				4.0	290.7 [✓]
20				4.6	290.1 [✓]
21				4.9	289.8 [✓]
22				4.4	290.3 [✓]
23				3.3	291.4 [✓]
T.P.	5.80	299.54 [✓]	0.95	293.74	
24				6.7	292.9 [✓]
	+77			5.8	293.8 [✓]
25				5.5	294.1 [✓]
26				4.3	295.3 [✓]
	+30			4.0	295.4 [✓]
	+40	Road on Lt.		3.8	295.8 [✓]
27				3.7	295.9 [✓]
	+30			3.8	295.8 [✓]

H.

H.

8.0	8.6	7.0	4.9
33	19	14	11

4.0

4.6	6.9	8.3	8.2	7.4
10	18	24	27	33

8.2	7.1	7.8	5.6
33	22	18	12

4.6

5.1	7.5	8.9	8.3
11	17	24	33

7.8	8.2	7.7	5.6
33	23	18	12

4.9

5.4	7.7	9.1	8.3	8.3
12	17	24	27	33

7.8	8.1	7.4	5.2
33	23	18	12

4.4

4.7	6.7	8.0	8.0
11	15	24	33

6.5	7.3	5.8	4.0
33	24	18	13

3.3

3.8	4.7	8.0	7.6
12	15	23	33

8.7	8.7	7.6	7.1
33	23	18	12

6.7

6.9	7.4	7.6
13	21	33

7.6	7.6	5.6	6.3
33	18	15	12

5.6

5.9	6.3	7.3	7.3
11	17	22	33

8.2	6.7	4.9	5.8
33	19	14	11

5.5

5.7	6.5	6.0	4.5
13	18	27	33

3.0	2.4	4.1	5.0
33	15	12	10

4.3

4.6	5.3	4.9	3.4	+6.2
13	17	24	33	39

2.9	2.8	3.6	4.1
33	14	13	11

4.0

3.7	3.3	2.4	+2.9	+4.3
12	17	25	33	40

omit

3.1	3.6	4.0
33	33	12

3.6

5.4	2.9	1.7	+2.5	+4.8
12	18	28	33	50

5.8	5.6	5.3	4.5
33	22	15	12

3.7

4.2	5.3	5.1	1.3	1.3
13	18	25	32	33

7.7	7.1	9.8
33	19	14

3.4

4.2	5.9	5.9	4.8
11	18	27	33

Sta.	+	H.I.	-	Red	Elev.
		299.54 [✓]			
18				3.8	295.8 [✓]
27				4.2	295.4 [✓]
30				3.0	296.4 [✓]
T.P.	8.23	303.42 [✓]	4.37	295.19	
31				5.7	297.5 [✓]
+38				5.4	297.8 [✓]
32				5.0	298.4 [✓]
B.M.				1.89	301.53 [✓]
33				4.5	298.9 [✓]
+24				4.3	299.1 [✓]
34				4.0	299.4 [✓]
+40				4.1	299.3 [✓]
35				4.0	299.4 [✓]
+32				3.7	299.5 [✓]
36				4.1	299.3 [✓]

7.4 8.2 4.7
33 18 12

3.6

7.3 8.7 8.3
10 23 33

7.6 7.4 8.6 4.1
33 24 18 10

4.2

7.7 8.9 8.2
11 21 33

8.8 8.3 6.9 3.7
33 25 17 11

3.0

5.4 6.2 5.8 4.5
11 18 22 33

7.6 7.7 8.3 6.6
33 25 17 10

5.9

6.3 6.7 6.4
13 18 33

8.8 8.0 6.4 6.2
33 25 17 11

5.6

6.1 6.6 5.9
12 17 33

3.5 4.5 2.7 3.7 5.7
33 31 22 18 12

6.0

5.5 6.4 6.0
12 20 33

Sph. in 12" Oak, 2.5' H. Sta 32+15.

5.8 5.2 4.1 5.2
33 27 15 11

4.5

5.3 6.5 6.7 6.2
13 18 24 33

4.7 3.6 4.8
33 15 12

4.3

5.0 6.2 6.4 6.0 6.1
12 18 27 30 33

X

+7.0 +8.3 0.0 4.1
33 20 14 10

4.0

5.0 5.9 6.5
15 20 33

X

+7.1 +9.2 3.6 4.7
33 23 18 12

4.1

4.7 6.7 6.7 7.6
14 21 28 33

X

+7.1 +7.1 0.0 4.6 4.3
33 25 18 13 10

4.0

4.8 7.1 7.8
13 21 33

X

+6.2 +1.3 5.2 5.3 4.4
33 27 22 13 9

4.9

4.6 7.2 8.1
12 19 33

6.2 7.1 7.5 7.4 5.0
33 25 22 14 11

4.1

4.8 7.9 7.2
12 21 33

Sta.	+	H.I.	-	Red	Elev.
		303.42 [✓]			
37				3.9	299.5 [✓]
T.P.	2.39	306.92 [✓]	3.89	199.53	
38				7.2	299.7 [✓]
	+77			6.9	300.0 [✓]
39				4.6	300.3 [✓]
	+67			6.0	300.9 [✓]
40				5.7	301.2 [✓]
41				5.0	301.9 [✓]
42				4.0	302.9 [✓]
B.M.				+49	302.43 [✓]
	+47			3.3	303.6 [✓]
43				2.4	304.3 [✓]
	+40			1.1	304.8 [✓]
44				1.4	305.3 [✓]
T.P.	7.30	313.32 [✓]	0.90	306.02	
45				7.2	306.1 [✓]

14

14

8.6 8.6 8.1 9.5
33 22 16 10

3.9

4.7 3.4 8.7 8.5
12 21 28 33

11.4 10.8 10.5 8.4
33 22 15 12

7.2

7.8 9.2 9.8 9.2
11 18 22 33

8.0 7.1 7.3 8.6 7.4
33 21 19 17 14

6.9

7.3 7.5 7.6 4.5 4.4
11 17 24 29 33

8.2 7.0 7.5 10.6 7.8
33 21 18 16 13

6.6

7.0 7.5 7.0 6.0 4.2 5.2
11 15 20 25 28 33

6.7 6.7 10.7 10.7 7.6 6.8
33 22 21 17 17 13

6.6

6.1 6.4 5.8 6.3
10 20 30 33

4.9 5.7 7.4 7.0 6.4
33 24 19 19 13

5.7

4.1 7.4 8.1 8.0 7.8 10.7 8.3
10 16 26 31 33 35 37

8.7 7.3 8.0 7.0 5.3
33 24 21 17 12

5.0

5.4 7.0 10.0 10.0
9 21 28 33

4.8 6.8 7.0 5.8 4.6
33 27 25 19 12

4.0

4.5 5.3 8.8 9.6
7 14 23 33

Spl. in 2" Cap. 30' 11. 51.9. 42+00

+3.5 0.4 3.9 4.5 3.7
33 27 23 19 15

3.3

3.9 4.7 7.7 2.4
10 15 23 33

+5.2 +4.7 2.3 4.1 3.5
33 23 22 18 13

2.6

3.0 5.8 6.4 6.8
9 21 27 33

+4.4 +3.6 2.5 8.8 2.7
33 28 22 18 12

2.1

2.6 2.7 6.5 10 1.5
10 15 19 25 33

+0.7 +1.0 2.7 3.5 2.2
33 14 22 17 13

1.8

2.0 2.3 1.8 +1.4 +2.4 +1.4
10 12 14 20 28 33

7.8 8.2 7.5 8.8 8.1
33 14 17 16 13

7.2

7.6 8.4 8.6 9.8
8 11 19 33

Sta.	+	H.I.	-	Red.	Elev.
		313.32	✓		
46				4.5	306.8
+13	Pin Ent. on Rt.			6.3	307.0
47				5.5	307.8
T.P.	11.23	320.61	✓	5.94	309.38
48				11.9	308.7
49				9.6	311.0
+25				8.9	311.7
50				6.2	314.4
+37				5.0	315.6
51				3.2	317.4
B.M.			0.47	320.14	320.14

checked by
L.S.H. 4/2/24

11.

11.

6.6 6.6 8.1 7.9 7.4
33 30 22 18 14

6.5

6.9 7.1 6.9
12 21 33

6.4 6.3 8.2 8.3 7.1
33 25 22 17 14

6.3

6.5 6.2
25 50

11.6 11.1 9.5 6.4
33 22 17 12

5.9

5.8 7.8 10.8
10 17 33

~~6.4~~ ~~6.3~~ ~~8.2~~ ~~8.3~~ ~~7.1~~
~~33~~ ~~25~~ ~~22~~ ~~17~~ ~~14~~

11.9

~~12.2~~ ~~13.2~~ ~~14.2~~ ~~15.2~~ ~~16.2~~
~~9~~ ~~14~~ ~~18~~ ~~25~~ ~~33~~

11.9 11.9 10.8 10.3
33 25 20 12

9.6

10.1 -4.3 -4.4
9 18 33

7

12.5 10.1 9.1 9.3 10.0 9.4
33 24 22 19 14 10

8.7

8.3 16.5 12.1 12.3
10 18 27 33

~~7.6~~ ~~7.7~~ ~~6.0~~ ~~6.8~~
~~33~~ ~~27~~ ~~16~~ ~~12~~

6.2

7.0 8.2 8.8
13 17 33

~~7.0~~ ~~7.1~~ ~~1.4~~ ~~4.6~~ ~~5.5~~
~~33~~ ~~25~~ ~~17~~ ~~15~~ ~~13~~

5.0

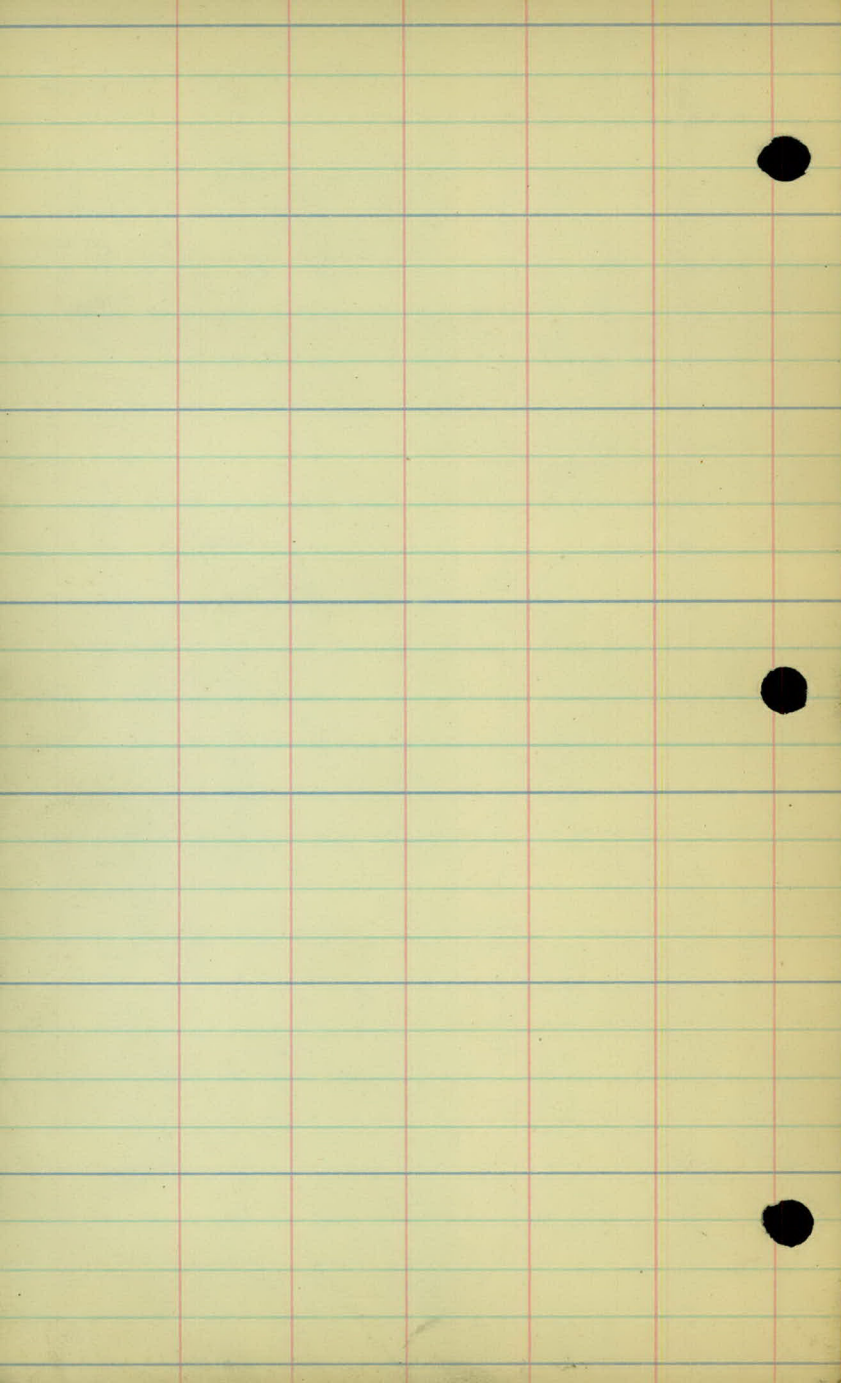
5.6 7.2 7.9 8.0
10 16 24 33

4.5 4.1 4.0 3.9
33 19 13 10

3.2

3.6 4.5 4.6
11 15 33

Spr. in 16" Oak 35' 14. 5+9, 5+10.



Road #3.

Lexington Ave.

Center line levels and X sections
from Sta. 52+00 to Sta. 105+52.

Sta.	+	H.T.	-	Prof	Elev.
	11.67	331.83		320.16	Check levels.
52				11.0	320.8 321.8
+80		Center of Co. Road F.		8.5	323.3
53				7.9	323.9
+18				7.4	324.4
54				5.0	326.8
55				1.8	330.0
T.P.	10.93	342.04	0.70	331.13	
56				8.8	333.3
57				5.2	336.9
58				6.1	341.0
T.P.	9.75	351.42	0.17	341.87	
+67				7.8	343.8
59				6.4	345.2
+44				4.4	347.0
T.P.	10.88	360.54	1.94	347.62	
60				11.0	349.4

H.

H.

S.P.K. in 30" O.P.K. 35 H. 344. 52+10.

154	123	116	11	113	108
33	20	12		9	33

93	90	89	85	82	67
75	50	25		20	45

101	94	85	79	82	86	84
33	25	14		12	16	33

84	74	88	74	78	82	73	66
33	15	12		12	14	17	33

88	86	52	49	54	50	54	69	70
33	22	17	14	12		12	17	33

62	31	16	25	18	21	36	52
33	23	15	11		12	14	33

107	106	88	75	88	72	71	109	110
33	28	17	13		10	12	24	33

72	58	51	57	52	57	43	32	38
29	21	17	13		9	14	18	33

-1.0	+1.6	+0.9	-0.6	-0.6	+1.4	+1.7	+2.0
33	20	14	13	10	14	27	33

102	71	72	85	78	83	62	64	58
33	25	13	12		10	14	22	33

77	57	48	71	64	70	36	25	18
33	24	14	12		10	17	25	33

47	33	24	52	46	49	25	+6.9	+7.2
33	21	17	12		11	17	24	33

54	47	117	110	114	76	32	37
33	22	13		11	18	24	33

Sta.	+	H.I.	-	Rod	Elev.
		360.54			
+31				9.8	350.8 [✓]
41				7.5	353.1 [✓]
42				4.4	356.2 [✓]
43				2.2	358.4 [✓]
	10.80	370.93 [✓]	0.43	360.13 [✓]	
44				10.4	360.13 [✓]
B.M.				10.40	360.53 [✓]
+14				10.4	360.5 [✓]
45				8.9	362.0 [✓]
+40				8.1	362.8 [✓]
46				6.7	364.2 [✓]
+44				5.8	365.1 [✓]
47				4.4	364.3 [✓]
+44				3.7	367.2 [✓]
48				3.8	367.1 [✓]

L.

R.

2.4	2.5	5.4	10.4	9.4	10.3	6.6	2.3	3.7
33	23	18	11		11	18	23	33

2.8	3.0	8.1	7.5	7.7	5.1	3.3	3.5
33	20	12		10	17	19	33

1.1	1.3	4.8	4.4	4.7	1.3	1.7
33	16	11		10	16	33

1.7	2.0	3.0	2.2	2.7	1.4	1.8	4.4	5.3
33	18	11		10	12	18	25	33

9.6	10.0	11.2	10.2	10.8	12.1	12.7
33	18	12		10	15	33

Nail in C Box, Elev. 35 Rt. Sta. 24+60.

7.6	10.0	11.1	10.4	10.7	11.4	11.3	11.1
33	19	12		10	14	21	33

7.4	10.0	8.6	7.5	8.9	7.5	10.8	7.2
33	21	13	12		10	20	33

8.1	8.4	6.7	8.5	8.1	8.6	10.1	12.2
33	22	14	11		10	14	33

7.1	8.8	6.6	7.4	6.7	7.3	8.4
33	20	13	11		11	33

6.0	5.7	6.5	5.8	6.0	5.8	5.1
33	17	11		10	14	33

0.1	0.3	1.9	2.2	5.5	4.6	5.2	0.7	0.0
33	26	21	17	12		12	17	33

+7.5	+7.3	+7.7	+4.8	4.5	3.7	4.4	3.4	2.7	3.8
33	33	25	20	10		13	14	23	33

+7.0	+8.7	+5.7	2.4	2.3	4.8	4.1	3.4	4.3	4.7
45	41	33	22	17	13	8		14	17

Sta.	+	H.I.	-	Red	Elev.
		370.93			
+80				5.3	365.6
69				5.9	365.0
+44				7.7	363.5
70				9.6	361.3
+55				12.0	358.9
T.P.	1.17	360.79 [✓]	11.31	359.62 [✓]	
71				3.7	356.9
72				8.0	352.8
T.P.	0.40	349.68 [✓]	11.51	349.28 [✓]	
73				1.4	348.1
74				6.5	343.2
+54				8.9	340.8
75				10.9	338.8
B.M.				2.25	336.27
+13				11.4	338.1
	0.40	338.51 [✓]	11.54	338.12 [✓]	
+50				2.0	336.5

~~+~~ +9.2 +7.2 +5.5 00 6.2 5.3 6.4 3.1 2.5
41 33 26 19 12 13 18 33

~~+~~ +13.5 +12.1 +10.4 6.7 5.9 6.7 +8.3 +7.5 +7.1 ~~+~~
43 39 25 18 12 23 28 33

~~+~~ +18.5 +18.5 0.0 8.2 7.0 8.3 +16.4 +15.2 ~~+~~
40 33 23 11 13 32 40

~~+~~ +21.5 +21.3 +20.2 4.3 10.2 9.6 10.2 7.4 +16.3 +16.0 ~~+~~
45 30 34 21 11 12 18 33 40

~~+~~ +21.6 +21.4 6.0 11.8 12.0 12.5 6.4 +13.4 +12.0 ~~+~~
45 36 19 11 14 28 38 44

~~+~~ +23.6 +23.3 +11.4 0.8 4.3 3.9 4.5 0.0 +19.5 +19.5 ~~+~~
45 39 27 19 11 11 19 35 45

~~+~~ +30.3 +30.1 +11.4 4.7 8.7 8.0 7.8 3.9 +24.7 +24.2 ~~+~~
30 41 30 18 11 11 20 41 50

~~+~~ +26.1 +27.0 +23.8 0.0 -0.4 ~~+~~ -0.4 +0.2 +12.4 +16.6 +17.2 +26.6 ~~+~~
35 44 42 30 11 10 13 30 45 50 60

~~+~~ +24.5 +19.2 +13.3 7.2 6.5 6.9 6.9 +15.5 +22.4 +21.1 ~~+~~
50 41 33 12 9 13 29 37 45

~~+~~ +19.4 +18.1 2.4 7.4 7.9 8.9 9.6 7.2 5.0 +13.7 ~~+~~ +12.1 +11.1 ~~+~~
40 36 27 14 11 10 15 23 33 33 40

~~+~~ +10.7 2.5 11.3 14.3 10.9 11.3 11.6 2.2 8.7 10.4 12.5
33 24 15 9 7 14 16 18 23 33

Nail in 8" Maple 40' 12. 37.9 45 + 55

~~+~~ 5.0 5.5 6.2 12.2 11.7 11.6 11.9 11.8 12.8 12.2 -3.0 -4.0
33 28 22 15 10 9 12 15 21 27 33

2.1 3.0 6.7 6.1 2.2 2.5 2.0 2.4 2.5 3.7 8.6 18.4
33 29 28 19 13 11 9 12 20 15 33

Sta. + H.I. - Rod Elev.

338.52

76 4.5 334.0 ✓

77 9.1 329.4 ✓

T.P. 0.00 327.74 ✓ 11.58 324.94 ✓

+64 0.8 324.9 ✓

548

78 2.3 325.4 ✓

+54 5.3 322.4 ✓

79 6.3 321.4 ✓

+06 6.5 321.2 ✓

+25 7.3 320.4 ✓

+49 8.3 319.4 ✓

80 10.0 317.7 ✓

81 10.8 314.9 ✓

Lake on the Lt.

+34 10.4 317.3 ✓

82 9.5 318.2 ✓

152	152	53		4.9	9.8	11.7	11.7
33	24	11	4.3	9	17	32	35

-14.5	-16.7	9.7	9.8	9.1	9.3	10.0	15.1	15.4
38	30	15	10		7	12	23	33

8.4	6.9	5.7	1.3	1.4	0.4	11.4	4.5	10.8	11.2
33	24	17	13	10		10	14	27	33

7.0	2.8	2.8	2.3	2.9	2.3	2.8	-16.7	-18.1	
33	27	22	13	10		10	37	45	X

-13.6	-12.7	12.0	5.3	5.7	5.3	5.7	5.7	12.0	-18.5	-20.5	X
38	33	22	13	10		10	13	23	43	50	

-17.0	-17.0	12.0	6.7	6.3	6.2	7.8	12.0	-11.1	
45	40	22	10		17	22	27	42	X

-17.5	-17.5	12.0	6.7	6.5	7.7	8.8			
45	40	22	10		22	36			

-21.4	-21.6	-14.7	12.0	7.8	7.3	8.3	9.5		
40	51	30	18	10		18	42		

-23.1	-23.1	-9.1	12.0	8.7	8.3	8.7	7.8	-14.4	-15.4	X
60	52	26	14	10		12	14	39	47	

-25.7	-25.7	-10.7	12.0	10.8	10.2	10.5	10.7	-2.0	-14.6	X
40	53	29	14	11		11	14	30	45	

Water	-26.0	-23.7	-10.3	-5.0	11.7	10.6	11.3	-10.5	-10.5	X
Elev.	60	51	45	17	10		12	28	35	

-26.2	-23.9	-12.4	-6.4	11.2	10.4	11.0	-6.6	-7.2	-5.2	X
60	49	31	17	11		11	21	25	33	

-9.5	-6.9	-5.3	11.3	10.5	9.5	10.0	13.0	12.5	6.7	6.7
33	26	19	14	9		11	18	21	29	33

Sta.	+	H.I.	-	Red	Elev.
		327.74			
T.P.	7.30	325.64 ✓	9.40	318.34 ✓	
+24				7.2	318.4 ✓
83				6.2	319.4 ✓
84		Farm Ent on Lt.		5.3	320.3 ✓
85				5.4	320.2 ✓
+80				5.0	320.6 ✓
86				5.0	320.6 ✓
+41				4.9	320.7 ✓
87				5.0	320.4 ✓
88				4.6	321.0 ✓
B.M.				4.34	321.30 ✓
89				4.8	320.8 ✓
90				5.5	320.1 ✓
91				5.4	320.0 ✓

12.7	10.7	10.2	7.0	8.1	7.2	7.8	7.3	8.5	2.7	2.2
33	24	19	14	11		11	16	19	27	33

4.8	6.9	6.7	6.2	6.7	2.3	2.2	00
33	19	12		11	15	21	33

5.0	5.6	5.3	5.4	5.4	4.2
33	11		9	19	33

4.1	5.3	5.3	5.2	5.4	5.9	7.4	7.1	7.1
33	23	15	14		14	17	26	33

4.6	4.7	5.1	5.0	5.2	6.3	6.3	5.5	6.3	7.3
33	22	12		10	11	13	14	24	33

4.6	5.3	5.2	5.0	5.2	6.0	6.0	7.4	7.1	4.8
33	23	13		9	10	12	13	22	33

5.6	6.0	5.7	4.9	5.3	6.9	6.9	3.8	2.1	2.4
33	21	13		9	10	12	14	26	33

6.8	6.7	5.7	5.0	5.2	5.7	5.9	4.8	4.0	5.4
33	21	14		9	10	12	14	13	33

4.4	5.7	5.5	4.6	4.7	5.4	5.4	4.4	3.5
33	23	14		10	11	13	15	33

Spr. in Twin Oak, 20' At. Sta. 88 + 45.

6.3	6.5	5.8	4.8	5.4	7.3	7.7	7.5
33	22	14		10	14	25	33

7.7	8.1	7.6	6.6	5.9	6.3	7.3	7.5
33	27	14	13		13	18	33

7.5	8.2	4.6	5.6	6.4	7.5	7.2	7.2
33	16	13		12	17	24	33

Sta.	+	H.I.	-	Red	Elev.
		325.64			
92				5.7	319.9 [✓]
T.P.	5.21	324.25 [✓]	4.60	319.04	
93				4.3	320.0 [✓]
94				4.4	319.9 [✓]
+58				4.4	319.7 [✓]
95				4.7	319.4 [✓]
+13	Farm Int on Lt.			4.7	319.4 [✓]
+27				4.8	319.5 [✓]
96				5.5	318.8 [✓]
+41	Farm Int. on Lt.			4.2	318.1 [✓]
97				7.4	314.9 [✓]
+67				8.5	315.8 [✓]
T.P.	0.20	315.25 [✓]	9.20	315.05	
98				0.5	314.8 [✓]
99				2.2	313.1 [✓]

H.

H.

10.1	10.7	7.0	3.7	6.6	10.1	7.8	7.4
33	17	12		14	19	27	33

Nail in T.P. At Sta 91 + 32

10.3	7.7	5.5	4.3	4.7	6.2	4.6	6.0
33	21	14		10	14	27	33

8.5	7.7	7.2	5.3	4.4	4.7	6.1	6.1	5.0	5.0	4.5
33	25	19	16		10	11	13	14	23	33

5.5	4.7	5.4	6.2	6.2	5.4	4.6	4.7	5.7	5.7	2.5	1.5	0.8
33	23	18	17	15	14		10	11	13	15	19	33

1.7	1.7	5.1	5.1	6.1	6.1	5.3	4.7	4.5	5.1	5.1	2.3	+7.5	+8.0
33	31	25	20	19	17	14		8	9	11	16	23	33

4.6	5.2	4.7	4.5	5.4	5.4	1.1	+8.7	+9.7
33	14		9	10	12	18	24	33

0.2	3.7	4.5	5.7	5.7	5.2	4.4	4.3	5.8	5.8	1.8	+10.3	+10.8
33	27	20	20	18	17		8	10	12	17	27	33

0.8	4.5	5.0	6.8	6.8	5.8	5.5	5.8	6.5	6.4	0.6	+10.5	+12.5	+12.7
37	30	22	21	19	18		9	10	12	19	29	30	33

6.2	6.5	6.2	6.5	7.0	7.0	3.9	+10.3	+10.8
33	20		7	9	11	14	25	33

2.2	2.1	2.2	2.2	2.2	2.0	7.4	7.3	8.4	8.9	5.0	1.4	0.9	0.9
33	28	23	21	19	18		7	9	11	15	21	25	33

12.2	11.9	10.7	11.3	11.4	9.7	8.5	9.2	10.0	10.0	7.2	9.4	9.6
33	26	23	22	19	18		11	12	15	14	23	33

5.1	4.0	1.6	0.5	0.7	1.0	1.1
33	24	17		10	17	33

6.7	5.5	3.4	2.7	3.0	4.3	3.6
33	20	16		13	14	33

Sta.	+	H.I.	-	Rod	Elev.
		315.25			
100				3.6	311.7 ✓
101				4.3	311.0 ✓
102				4.7	310.6 ✓
103				5.5	309.8 ✓
104				5.4	309.7 ✓
105				5.7	309.4 ✓
+38				5.3	310.0 ✓
+52	Center of C. Road C.			5.4	309.9 ✓
B.M.			4.20	311.05 ✓	✓

4.

54.

8.1	7.0	4.7	36	4.2	5.2	5.3	3.9	3.7
33	21	17		12	14	16	19	33

9.1	7.5	5.5	43	4.1	5.0	5.0	3.2	2.1
33	22	17		13	14	16	18	33

7.9	7.3	5.7	47	5.0	5.8	5.9	3.8	3.5	2.8
33	20	17		13	14	14	19	27	33

8.1	7.9	6.4	53	5.3	6.2	6.2	4.6	3.3
33	18	15		13	14	16	19	33

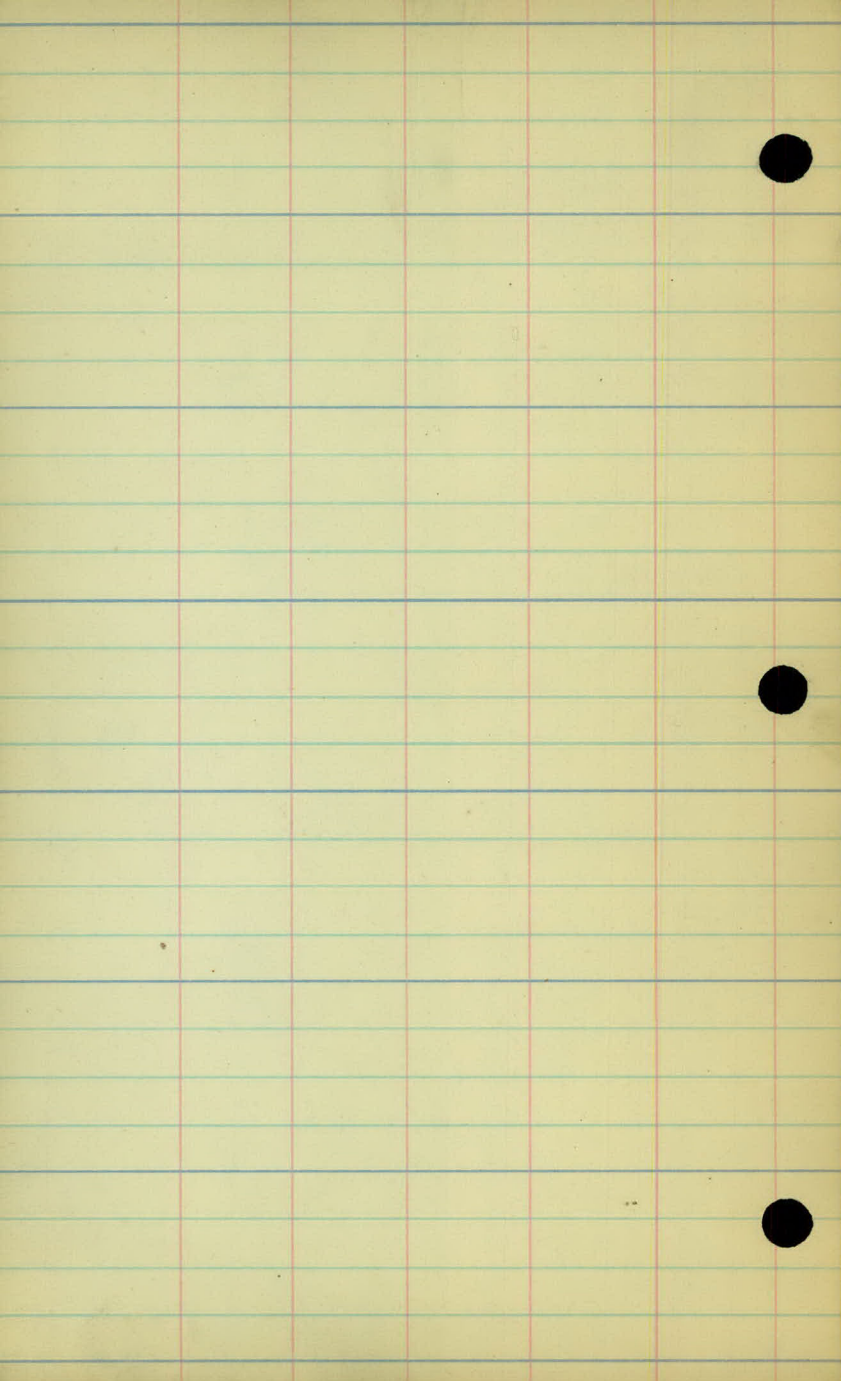
6.3	6.5	7.2	7.2	6.4	56	5.3	6.3	6.3	4.7	4.1	2.5
33	21	20	18	16		13	15	17	19	25	33

8.0	8.0	8.4	8.2	6.5	50	6.0	6.7	6.7	5.9	5.0	3.8
33	22	20	18	15		13	16	18	19	28	33

6.7	6.1	53	5.8	6.1	5.4	5.2
33	14		13	19	21	33

7.8	6.8	6.2	54	5.4	5.3	4.7
100	50	33		33	50	100

SpK. in T.P. 20' R.V. Sta. 105+15.



Road #3.
Lexington Ave.

Center line levels and x sections
from Sta. 105+70 to Sta. 158+00.

Sta.	+	H.I.	-	Red.	Elev.
B.M.	0.77	311.87 [✓]		511.10 [✓]	
105 + 70				2.5	309.4 [✓]
106				3.0	308.9 [✓]
+35				3.4	308.3 [✓]
107				4.7	307.2 [✓]
108				7.8	304.1 [✓]
+62				9.8	302.1 [✓]
T.P.	1.83	302.45 [✓]	11.25	300.42 [✓]	
109				1.9	300.6 [✓]
+50				3.9	298.4 [✓]
110		Farm Ent. on Lt.		5.4	296.9 [✓]
+28		Farm Ent. on Rt.		6.9	295.6 [✓]
+75				8.7	293.8 [✓]
111				9.7	292.8 [✓]
T.P.	1.50	292.24 [✓]	11.49	290.74 [✓]	
+65				2.1	290.2 [✓]

28.

. 81.

SPK in T.P. 20' RH. STA. 105+15.

3.0	2.1	3.6	1	2.8	2.2	2.0
33	21	18	2	17	21	33

1.5	1.7	1.6	4.3	4.3	3.6	3.0	3.3	3.7	3.7	1.8	0.4
33	24	20	18	16	15	3	13	14	16	18	33

4.3	0.9	1.1	4.7	4.7	4.1	3.6	3.8	4.5	4.5	2.5	0.5
33	24	20	18	16	15	3	13	14	16	19	33

3.4	2.9	5.8	5.8	5.4	4.7	5.2	5.8	5.8	4.2	3.0
33	20	14	15	13	13	13	14	16	18	33

7.0	6.9	8.9	8.9	8.1	7.6	8.1	8.8	8.8	7.2	5.9
33	20	18	14	14	13	13	14	16	19	33

11.2	10.9	11.5	11.5	10.4	10.4	9.8	10.3	10.4	11.3	11.6
33	21	20	18	15	10	10	10	18	20	33

3.3	3.7	4.1	4.1	2.5	1.9	2.7	4.7	5.1
33	20	19	17	13	19	19	25	33

7.3	6.6	6.7	4.9	3.9	4.6	7.2	7.4
33	22	19	17	17	17	22	33

7.4	6.3	5.6	6.2	7.2	7.2	6.2	6.7
33	9	20	21	23	24	33	

7.7	7.8	7.5	7.5	8.1	6.9	7.2	6.4	6.1
33	25	21	19	16	10	22	33	

7.6	7.7	10.4	10.4	7.6	6.7	7.4	10.0	10.0	7.5	6.1	5.7
33	24	21	19	17	13	15	17	18	22	33	

7.7	8.3	11.3	11.3	10.7	10.6	9.7	11.3	11.0	11.0	7.9	7.5
33	23	20	18	17	9	12	14	16	18	33	

10.0	7.5.7	0.0	3.2	2.0	2.6	2.1	2.7	3.4	3.3	1.6	2.3	1.8
33	24	22	17	15	9	12	14	16	18	23	33	

Sta.	+	H.I.	-	Rod	Elev.
		292.26			
112				3.2	289.1 [✓]
+05				3.4	288.9 [✓]
+35				4.4	287.9 [✓]
+51				5.0	287.3 [✓]
113				7.2	285.1 [✓]
+69				10.1	282.2 [✓]
114				11.5	280.8 [✓]
T.P.	0.25	281.34 [✓]	11.15	281.11 [✓]	
B.M.				1.95	279.41 [✓]
115				4.7	276.7 [✓]
+29				5.8	275.4 [✓]
116				8.7	272.7 [✓]
T.P.	0.43	270.54 [✓]	11.23	270.13 [✓]	
117				2.1	268.5 [✓]
118				4.2	264.4 [✓]

L1.

R1

X +7.6 +6.6 00 4.3 3.7 3.2 3.9 3.9 4.6 4.6 3.0 3.0 4.7
33 23 20 14 12 10 13 13 17 31 25 33

0.9 0.9 00 4.5 4.3 3.9 3.4 4.1 4.2 4.7 1.9 1.7 3.4 4.7
33 26 21 16 14 12 14 14 16 21 24 30 33

1.4 2.9 3.0 5.6 5.6 5.0 4.4 5.3 5.7 5.8 3.3 3.0 3.8
33 28 20 15 13 12 14 16 18 24 30 33

+10.3 +10.0 00 4.4 6.1 6.1 5.5 5.0 5.6 6.6 6.6 5.1 3.7 3.8
35 32 24 17 14 12 11 13 16 18 20 24 33

X +11.4 +10.9 00 6.8 8.3 7.3 7.4 7.2 7.9 8.7 8.7 7.5 7.6
40 34 27 18 13 10 8 14 18 20 22 33

X +11.7 +11.7 5.0 9.5 11.4 10.7 10.7 10.1 10.8 10.9 12.0 12.0 11.5 12.1 11.7
18 32 28 20 16 13 8 9 14 18 20 22 26 33

X +12.5 +12.5 10.7 12.8 12.1 12.1 11.5 12.1 12.2 -3.0 -4.0
40 35 22 17 14 8 10 18 21 33

S.p.K. in 30" Poplar. 30" R1. Sta. 113+85.

4.2 6.0 7.6 6.9 5.0 4.7 5.6 5.7 9.8 11.4 11.5
33 29 27 19 14 10 15 23 29 33

6.0 7.5 8.7 8.3 6.3 6.3 5.8 6.8 6.7 14.0 15.1
33 27 27 17 14 8 10 14 24 33

4.6 7.6 7.8 11.8 11.5 9.7 9.4 8.7 9.5 10.4 -8.3 -10.3
40 35 33 26 18 15 8 10 16 25 33

X +7.1 +7.4 00 5.1 5.2 3.6 3.6 2.1 2.9 3.5 7.0 8.1 9.4
40 34 29 20 14 11 8 9 14 23 29 33

4.5 4.0 7.0 8.7 7.1 6.9 6.2 7.4 11.6 13.8
35 33 26 17 13 9 13 22 33

Sta.	+	H.I.	-	Rod	Elev.
		270.54			
119				10.0	240.4
T.P.	0.50	259.95 [✓]	11.11	259.45 [✓]	
120				2.7	257.1 [✓]
121				5.8	254.2 [✓]
122				6.1	253.9 [✓]
13.M.				6.04	253.91 [✓]
123				6.3	253.7 [✓]
124				6.2	253.8 [✓]
T.P.	3.85	257.47 [✓]	6.33	253.42 [✓]	
125				4.7	252.8 [✓]
126				5.2	252.3 [✓]
127				5.3	252.2 [✓]
128				5.0	252.5 [✓]
T.P.	3.85	257.18 [✓]	4.14	253.33 [✓]	
129				4.5	252.7 [✓]
130				4.8	252.4 [✓]
131				5.4	251.8 [✓]

18.

19.

11.4	11.9	11.0	10.4
33	18	14	8

10.0

10.8	10.8	14.8	16.0
9	13	17	33

4.4	3.4
33	8

2.9

5.6	3.7	7.2	7.6
10	15	25	33

7.5	7.5	6.2	6.5
33	17	11	8

5.6

6.3	6.1	7.4	8.0	7.4	7.7
11	13	18	22	23	33

7.7	7.7	6.4	6.6
33	16	12	8

6.1

6.6	6.6	7.9	8.0
10	13	15	33

SpA in T.P. 15' 8" Sta. 122+35

8.0	7.7	6.6	6.7
33	14	11	8

6.3

6.7	6.9	7.8	9.8	6.6	7.7	7.7
11	15	17	23	24	28	33

7.7	7.6	6.4	6.7
33	15	10	7

6.2

6.8	6.6	7.6	7.6	6.9	7.6	7.7
11	14	16	19	21	25	33

4.0	5.7	4.7	5.0
33	14	10	7

4.7

5.0	4.8	5.8	5.7	4.8	4.6	5.7
13	14	18	22	24	27	33

6.6	6.6	5.3	5.8
33	14	10	7

5.2

5.4	5.2	6.3	6.7
13	15	17	33

7.8	6.6	5.3	5.6
33	17	8	6

6.3

5.5	5.3	6.3	6.3	5.2	6.1	6.5
15	16	17	21	24	26	33

7.0	6.7	5.5	5.7
33	14	10	7

5.0

5.4	5.2	6.0	5.7	6.3	6.7
14	15	17	21	25	33

Nail in T.P. 15' 8" Sta. 129+00

4.5	6.3	5.0	5.2
33	13	11	8

4.5

4.7	4.6	5.6	4.8	6.0	6.0
13	15	21	28	27	33

4.8	4.7	5.1	5.3
33	18	10	7

4.8

5.2	4.9	6.0	5.3	6.2	6.5
13	14	23	26	27	33

2.0	6.7	6.1	5.4	5.7
33	15	14	9	7

5.4

5.8	5.7	6.6	4.5	5.3	5.3	6.5
13	15	18	24	26	28	33

Sta.	+	H.I.	-	Rod	Elev.
		257.18			
+86	Road on Rt.			5.0	252.2 [✓]
B.M.				4.68	252.50 [✓]
132				5.1	252.1 [✓]
133				4.7	252.5 [✓]
134				4.0	253.2 [✓]
135				4.5	252.7 [✓]
136				4.1	253.1 [✓]
137				3.1	254.1 [✓]
T.P.	8.88	263.51 [✓]	1.55	254.43 [✓]	
138				7.5	256.0 [✓]
139				5.7	257.8 [✓]
140				4.0	259.5 [✓]
T.P.	9.72	270.71 [✓]	2.52	260.99 [✓]	
141				9.2	261.5 [✓]
142				7.7	263.0 [✓]
143				5.8	264.7 [✓]

LH

RH

7.5 7.0 6.5 5.6 5.7 5.0
33 24 15 10 8

5.1 5.3 4.9
20 50 100

SpK. in T.P. 15 L.H. Sta. 131 + 70.

6.6 6.3 5.5 5.8 5.1
33 13 11 9

5.4 5.5
19 33

6.4 6.5 5.2 5.4 4.7
33 14 11 9

5.2 4.9 5.8 6.0 6.2
13 14 22 26 33

6.4 6.3 5.2 4.6 4.0
33 15 13 8

4.7 5.6 5.7 5.3 6.1 6.5
12 18 29 26 30 33

6.6 6.7 5.2 5.1 4.5
33 16 13 9

5.0 4.8 5.7 5.5 6.2
11 17 21 27 33

6.3 6.3 4.7 4.1
33 15 10

4.7 4.6 5.1 5.2 6.1
11 13 20 27 33

6.2 6.0 3.8 3.8 3.1
33 17 12 10

4.0 3.9 5.8 5.8 4.9 5.4
11 13 18 24 26 33

12.0 11.4 9.5 8.3 7.5
33 17 15 7

8.0 7.8 10.4
10 18 33

7.0 8.3 6.5 4.5 5.7
33 17 12 9

6.4 6.3 7.2 6.8 7.6
10 19 24 27 33

6.1 6.5 6.5 4.7 4.7 4.0
33 30 17 12 11

4.5 4.8 5.8 5.7 3.9
11 18 19 27 33

12.3 11.1 10.0 9.9 9.2
33 21 15 10

9.5 10.3 11.7 11.7 6.9
4 13 21 27 39

7.2 7.0 8.4 7.7
33 14 10

8.3 8.4 9.6 9.3 5.1
11 16 28 29 41

8.5 6.8 5.2 6.6 6.9 5.8
33 22 18 16 12

6.4 6.2 9.0 3.4
11 14 32 33

Sta.	+	H.I.	-	Red	Elev.
		270.71			^{66.2} 264.2
+74				4.5	264.2
+87	Farm Ent on Pt.			4.3	^{66.4} 264.4
144				4.1	^{66.6} 264.6
145				3.4	267.1
B.M.	4.87	270.23	5.35	145.34	
146				1.5	264.7
147				4.1	265.9
148				4.9	265.3
149				4.9	265.3
150				3.9	266.3
151				2.3	267.9
T.P.	11.40	281.23	0.40	269.83	
152				11.3	269.9
153				2.7	272.5
154				4.4	274.8

5.1 2.9 6.0 5.5
33 22 19 11

45

4.9 4.3 1.8 1.4
10 2.2 2.9 3.3

4.2 2.8 6.1 5.3 5.3
33 21 19 14 11

43

4.7 3.4 1.8
9 2.7 4.3

4.2 2.9 6.4 6.5 4.7 5.0
33 24 21 14 14 11

41

4.5 3.8 1.2 1.0
9 2.3 2.9 3.3

3.0 3.0 5.9 4.3 4.3
33 32 24 13 9

36

4.0 4.1 4.6 2.9 +4.2 +3.5
9 13 16 21 26 33

SPK in 12" OAK 18 L. 54g. 146+50

7.1 4.4 4.4
33 13 11

35

4.0 4.0 4.5 4.5 +4.5 +4.2
9 13 17 19 23 33

11.4 5.5 5.5 5.2
33 20 14 10

43

4.8 4.7 5.0 1.1 0.6
9 13 16 22 33

12.8 11.0 4.0 5.7
33 22 15 9

49

5.5 5.5 6.1 6.0 4.8 4.0
10 14 16 18 20 33

13.6 11.8 6.0 5.2
33 22 14 10

49

5.4 5.5 4.5 4.6
11 14 22 33

13.2 12.0 5.3 4.7
33 22 14 9

39

4.6 4.8 4.1 4.3
11 14 22 33

7.1 5.5 3.3 3.0
33 20 14 9

23

2.8 2.9 1.4 0.8
10 14 20 33

8.3 7.6 11.0 12.1
33 21 15 16

113

11.6 12.1 11.7 2.3 7.8
11 14 17 23 33

4.5 4.4 2.1 2.3
33 21 14 9

87

7.4 7.5 5.1 5.6 3.6
10 14 23 28 33

2.2 2.6 6.3 7.4
33 22 14 11

104

7.0 6.9 3.8 4.4 3.5 3.0
10 14 21 25 28 33

Sta.	+	H.I.	-	Rod Elev.
		281.23		

155			4.9	276.3
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156			4.4	276.4
-----	--	--	-----	-------

157			4.6	276.6
-----	--	--	-----	-------

158			4.8	276.4
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B.M.

3.41

277.82

277.78

Checked by
L.S.H. 4/10/24

L2

Rt.

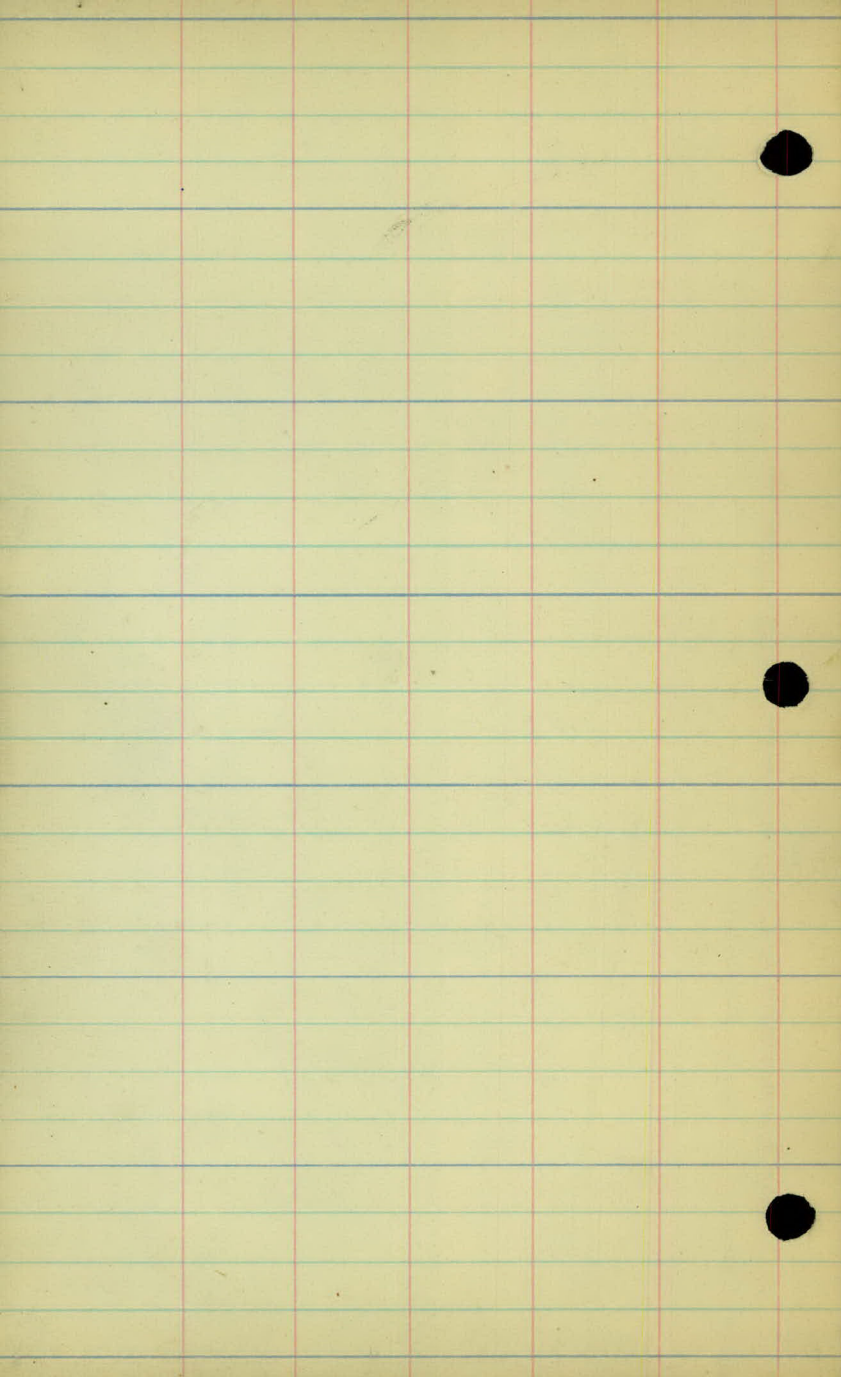
5.8	5.6	5.8	49	5.5	5.4	4.6	4.6	4.3
33	13	10		10	14	17	26	33

8.2	7.5	5.8	46	5.4	5.5	6.6	6.2
33	14	12		11	16	22	33

4.1	5.1	5.5	46	5.7	5.1	5.3
33	24	15		14	14	33

5.5	4.9	5.5	48	5.4	5.5	4.8	4.6
33	14	14		12	17	17	33

Spk. in 6" Oak. to Rt. Sta. 158+00.



Road # 3

Lexington Ave.

Center line levels and x sections
from Sta. 158+00 to Sta. 210+93.2.

Sta.	T	H.I.	-	Red	Elev.
B.M.	2.50	281.08✓		277.78✓	
159				4.5	274.4✓
160				5.0	74.1✓
161				6.5	74.4✓
162				7.5	73.4✓
T.P.	2.65	279.10✓	2.63	373.45✓	
7.60				3.4	72.5✓
163				4.1	72.0✓
164				4.9	71.2✓
165				4.8	71.3✓
166				4.7	71.4✓
167				4.5	71.4✓
168				4.5	71.4✓
169				5.1	71.0✓
B.M.	1.64	272.67✓	5.07	271.03✓	
170				2.3	70.4✓

21.

187.

Sph in 6" Oak 45' Bl. Sta. 158+00.

+0.2	+0.8	-0.7	-0.8	+0.6	+0.8	00	+0.5
33	15	10	11	17	22	24	33

+0.4	+1.0	-0.7	-0.7	+0.2	+0.5	+0.9
33	15	10	11	15	27	33

00	-0.2	-0.7	-0.7	+0.7	+0.5	-0.2
33	17	11	12	18	21	33

00	-1.0	-1.0	-0.7	-0.9	-0.5	-2.4
33	22	10	11	16	18	33

-0.3	-1.4	-0.7	-0.6	-1.0	-4.7	-6.0
33	20	10	10	15	20	33

-3.5	-3.9	-1.2	-0.7	-0.8	-1.5	-6.6	-7.4
33	18	12	9	14	20	33	

mils

-5.8	-4.6	-1.5	-0.7	-0.6	-0.8	-2.5	-2.8	-3.3	-2.5
33	19	15	10	10	13	17	23	24	33

-2.3	-0.6	-1.0	-0.6	-0.5	+0.6	+0.8	+0.3	+0.6
33	14	10	9	12	17	24	25	33

00	-0.3	+0.3	-0.8	-0.5	-0.3	+0.9	+0.5	+0.6
33	23	15	11	10	13	18	25	33

-0.2	-0.2	+0.5	-0.7	-0.4	-0.3	-0.1	-0.1
33	24	15	9	10	15	21	33

-0.4	+0.5	+0.8	-0.7	-0.6	+0.3	+1.3	+0.7	+0.8
33	21	14	9	11	15	17	24	33

-1.7	-0.2	-0.7	-0.7	-0.6	+1.1	+1.4	+1.5
33	15	14	10	10	17	24	33

Sph in T.P. 15' Bl. Sta. 169+90.

-3.6	-1.7	-0.6	-0.8	-0.9	+0.3	+0.5	+1.0
33	18	14	11	11	14	23	33

Sta.	+	-	Rod	Elev.
		272.47 ✓		
171			3.1	74.4 ✓
172			3.9	48.8 ✓
173			4.5	48.2 ✓
174			5.2	47.5 ✓
175			6.4	44.1 ✓
176			8.4	44.3 ✓
177			10.1	42.4 ✓
T.P.	1.01	263.53 ✓	10.35	262.32 ✓
178			2.5	40.8 ✓
179			4.2	59.1 ✓
180			6.2	57.1 ✓
181			8.0	55.3 ✓
182			9.2	54.1 ✓
B.M.	7.51	259.55 ✓	11.29	251.04 ✓
183			5.7	53.9 ✓

Lt

Rt

-4.3	-1.3	-0.5	-0.9	+0.3	+1.0	+1.2
33	17	11	12	16	23	33

-4.2	-2.7	-1.2	-0.8	-0.6	+0.5	+1.8
33	20	16	12	9	15	33

-3.6	-2.3	-1.1	-0.8	-0.5	00	+2.2
33	20	16	12	8	12	33

-3.6	-2.2	-1.2	-0.8	-0.7	00	+0.9	+2.7
33	20	18	11	8	13	15	33

-3.5	-2.1	-1.1	-0.9	-0.7	+0.5	+3.2
33	19	18	12	9	14	33

-3.8	-2.7	-1.0	-0.8	-0.6	+0.5	+3.2
33	21	14	12	9	18	33

-4.1	-2.4	-1.2	-0.7	-0.4	+0.2	+1.5	+2.0
33	20	16	11	7	13	28	33

-3.5	-2.0	-0.9	-0.7	-0.6	-0.1	+1.4
33	20	17	12	7	14	33

-2.2	-1.4	-0.7	-0.7	-0.7	-0.3	+0.8
33	21	15	12	9	19	33

-3.2	-2.3	-0.7	-0.6	-0.8	-1.1	-0.3
33	19	12	8	14	23	33

-4.8	-4.2	-0.7	-0.5	-1.7	-1.4
33	20	13	7	16	33

-4.1	-4.0	-3.0	-1.0	-0.8	-0.4	-0.8	-3.0	-3.1	-2.7
33	22	18	13	10	8	12	14	28	33

SPK in T. 12.20' Rt. Sta. 182+90.

-3.6	-3.7	-0.8	-0.7	-0.7	-0.9	-3.3	-3.8
33	21	13	10	8	11	16	33

Sta.	+	H.I.	-	Red	Elev.
184		259.55✓		5.9	253.7✓
185				5.5	254.1✓
+ 23				4.7	254.9✓
186				4.6	255.0✓
+ 19				4.4	255.2✓
+ 25				4.4	255.2✓
187				3.7	255.9✓
T.P.	10.42	266.83✓	3.14	256.41✓	
188				10.3	256.5✓
189				7.4	257.4✓
190				8.6	258.2✓
191				7.6	259.2✓
192				6.7	260.1✓
T.P.	3.32	263.59✓	6.57	260.24✓	
193				2.9	260.7✓

14.

174.

-3.5	-3.5	-0.4	-0.8	-0.4	-0.4	-3.1	-3.2
33	19	12	11	8	12	17	33

-3.9	-3.3	-1.3	-0.7	-0.7	-3.5	-3.8
33	19	13	8	12	19	33

-4.9	-4.5	-1.7	-0.5	-0.6	-1.3	-3.7	-4.5
33	20	15	11	10	13	17	33

-4.9	-4.7	-2.2	-0.5	-1.0	-1.5	-1.6
33	20	15	11	11	21	33

-5.4	-5.0	-1.6	-0.5	-0.8	-1.4	-1.8
33	20	15	10	9	19	33

-5.4	-5.0	-1.6	-0.5	-0.9	-1.2	-3.9	-4.8
30	20	15	10	10	14	18	33

-3.7	-3.3	-1.1	-0.7	-0.8	-1.1	-2.4	-2.0
33	23	14	10	9	12	22	33

+0.2	+0.6	-0.4	-0.5	+1.0	+1.7	+3.0
33	14	10	8	17	24	33

+1.7	+2.4	+1.0	-0.5	-0.7	-0.2	+4.5	+4.8
33	19	15	10	9	16	24	33

+4.5	+3.9	+0.1	-0.5	-0.4	+0.2	+7.1	+7.4
33	20	13	9	11	17	27	33

+5.0	+4.3	+2.1	-0.2	-0.6	+0.4	+6.8	+6.7
33	19	15	9	10	17	29	33

+2.9	+2.7	+2.3	+0.3	-0.7	-0.4	+0.9	+0.4
33	20	14	9	10	17	20	33

+1.3	+0.9	+0.1	-0.5	-0.4	-0.9	-1.5
33	19	11	10	10	21	33

Sta.	+	H.I.	-	Red	Elev.
194		268.58 ✓		3.1	260.5 ✓
+58				3.7	59.9 ✓
+63				3.9	59.7 ✓
+77				4.2	59.4 ✓
+84				4.3	59.3 ✓
195				4.4	59.0 ✓
B.M.			3.54	260.04 ✓	
196				6.1	57.5 ✓
197				7.7	55.9 ✓
+55				8.7	54.9 ✓
198				9.5	54.1 ✓
T.P.	1.81	265.77 ✓	9.62	253.94 ✓	
199				3.9	51.9 ✓
200				7.3	48.5 ✓
201				5.0	50.8 ✓

LH

RH

+1.4	+1.3	+1.2	-0.5	-0.7	00	+1.1	+1.0	+1.4
33	18	14	9	9	14	17	22	33

+4.7	+4.1	00	-0.2	-0.8	+0.7	+5.7	+6.1
33	26	19	9	10	18	25	33

+1.5	+0.6	+0.1	"	"	"	"
33	21	10				

+1.7	+0.7	-0.2	-0.7	+0.2	+2.2	+2.4
33	22	9	10	14	28	33

+6.7	+4.3	+0.6	-0.5	"	"	"	"
33	50	21	10				

+7.5	+7.3	+4.6	-0.1	-0.4	-0.7	+0.1	+2.0	+8.8	+8.8
33	30	27	16	10	10	14	22	31	33

SPK in T.P. 20 Rt. Sta. 195+75.

+12.6	+12.5	+8.9	+3.8	+0.4	-0.6	-0.6	+4.0	+13.6	+14.0
40	37	33	23	19	10	10	23	35	40

+6.1	+5.7	-0.4	-0.7	-0.7	+1.4	+4.5	+4.5
33	28	17	11	9	19	24	33

-0.7	-0.1	-0.3	-0.7	-0.5	-0.9
33	21	14	11	10	33

-3.6	-3.6	-2.2	-1.0	-1.5	-0.7	-0.8	-0.7	-0.7	-2.6	-3.0
33	29	23	21	19	14	11	10	14	22	33

Nail in T.P. Rt. Sta. 198+30.

-4.1	-3.7	-0.7	-0.7	-0.6	-0.8	-3.1	-3.7
33	21	14	10	9	13	18	33

-3.0	-2.4	-1.1	-0.7	-0.4	-2.8	-3.0	-2.2	-1.9
33	18	14	9	10	15	23	25	33

-4.3	-4.1	-3.6	-0.5	-0.6	-0.5	-0.8	-3.1	-3.9	-5.9	-6.0	-3.7	-3.5
33	25	18	12	9	9	14	18	22	22	23	31	33

Sta.	+	H.I.	-	Red.	Elev.
		255.77 ✓			
202				4.9	250.9 ✓
203				4.8	51.0 ✓
204				5.1	50.7 ✓
205				5.0	50.8 ✓
T.P.	4.15	254.95 ✓	4.97	250.80 ✓	
206				3.9	51.1 ✓
207				3.9	51.1 ✓
208				4.7	50.1 ✓
209				4.5	50.5 ✓
210				4.9	50.1 ✓
770				4.2	50.8 ✓
+93 ⁸	Center of Co. Road I.			4.0	51.0 ✓
B.M.		(3.78)		(251.17)	
				251.14	

-40	-3.7	-0.8	-0.6	-0.4	-0.5	-1.5	-2.8	-5.1	-5.1	-34.34
33	18	13	9	10	12	17	25	27	28	31.33

-45	-3.9	-0.8	-0.7	-0.7	-2.3	-2.8	-5.7	-5.7	-3.7	-3.7
33	18	12	9	12	17	21	25	29	31	33

-41	-4.1	-3.3	-1.0	-0.5	-0.6	-1.9	-2.5	-5.4	-5.9	-3.5	-3.5
33	22	17	12	8	11	17	22	24	26	32	33

-54
30

-43	-3.5	-1.0	-0.7	-0.6	-0.7	-2.7	-5.2	-5.2	-3.4	-3.5
33	19	13	9	11	14	21	26	30	33	40

-3.7	-3.7	-3.5	-1.1	-0.7	-0.5	-1.5	-2.6	-4.6	-4.6	-2.7
33	22	18	13	9	10	14	24	28	31	34

-3.3	-3.1	-1.3	-0.7	-0.7	-0.8	-2.6	-5.5	-5.5	-3.4	
33	19	15	11	10	14	26	30	32	35	

-2.1	-2.2	-0.9	-0.5	-0.6	-0.8	-2.4	-2.6	-4.7	-4.7	-2.1
33	20	15	10	10	14	21	27	30	33	37

-2.2	-2.5	-0.9	-0.6	-5.0	-0.7	-1.7	-4.9	-4.9	-2.5	
33	19	15	9	11	18	27	30	34	37	

-0.9
11

-1.6	-1.6	-0.6	-0.5	-0.5	-0.6	-1.1	-4.6	-4.6	-1.4	
33	17	14	10	12	21	27	22	35	38	

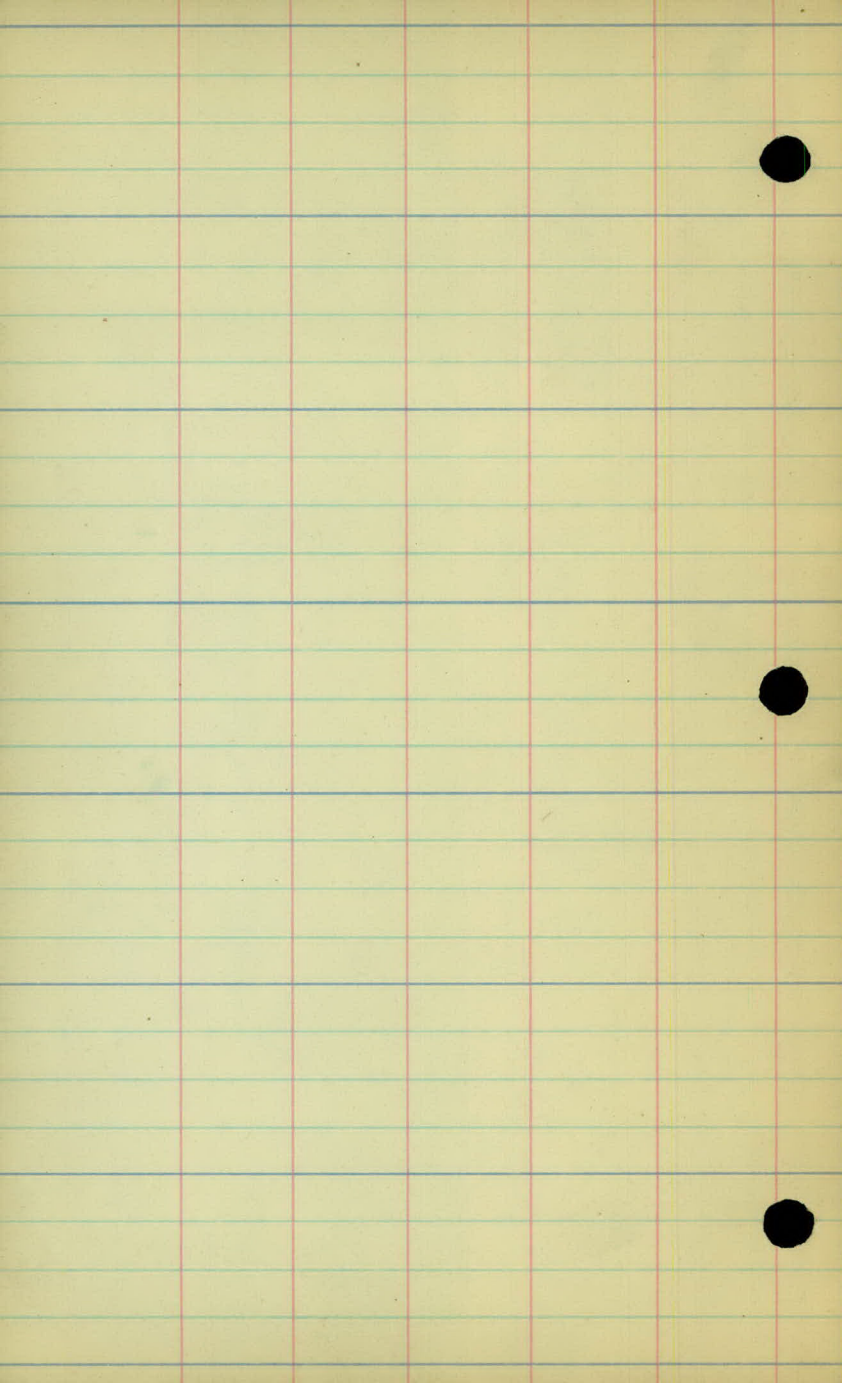
32

-2.1	-2.1	-0.5	-0.5	-1.2	-0.4	-1.1	-4.8	-4.8	-0.9	
33	17	12	15	22	27	31	34	36	37	

10

+1.5	+0.2	-0.6	-0.1	-0.2	-0.6					
100	50	20	33	50	100					

SpK. in T.R. 10 R+ Sta. 210 + 47.



Road # 3

Lexington Ave

Center line levels and x Sections
from Sta 211+00 to End of Proj.

Sta.	T	H.I.	—	Red.	Elev.
B.M.	5.25	256.37		251.14	✓
111				5.4	251.0
112				4.7	251.7
113				5.0	251.4
114				4.0	252.4
+43				3.3	253.1
T.P.	8.46	✓ 262.69	2.14	254.23	
115				8.8	253.9 253.3
116				7.4	255.3 257.9
117				5.3	257.4 257.0
118				3.7	259.0 258.6
T.P.	9.55	✓ 264.55	2.69	260.00	
119				4.5	260.1
+50				4.7	259.9
120				4.6	260.0
B.M.				1.25	263.30
+43				4.9	259.7

SPK in T.P. 20' Pt. Sta. 210+47.

-0.4 -1.4 -0.6 -0.2 -0.6
33 19 10 13 35

-0.7
23
+1.7 +0.7 -1.0 -1.1 -0.4 -0.4 -0.7 -2.5 -2.5
33 24 19 14 10 12 19 32 35

+0.5 -1.0 -1.0 -0.1 -0.4 -0.7 -0.8 -1.7 -2.1
33 29 14 8 12 18 23 29 33

-1.3 -1.7 -0.3 -0.3 -0.7 -1.1 -0.9 -2.8 -3.2
33 21 14 8 13 20 25 30 33

-0.5 -1.2 -0.2 -0.4 -0.4 -0.9 -0.2 -0.6
33 18 7 4 13 18 26 33

+1.9 +4.3 -0.5 -0.7 -0.5 -0.6 -0.4 -0.6 -0.6
33 27 17 12 4 12 15 24 33

+9.4 +9.4 +0.2 -0.5 -0.4 -0.3 -0.6 -0.8 -0.8
33 30 24 11 8 9 14 24 33

+10.3 +10.3 +0.6 -0.4 -0.5 -0.5 -0.7 -1.4 -0.5 -0.6 +0.2
35 30 23 18 12 7 12 17 23 31 33

+5.6 +5.6 -0.5 -0.7 -0.6 -0.7 -0.6 +0.2 +4.9 +4.5
33 23 18 12 8 13 21 24 28 33

+1.5 +2.7 -1.0 -0.8 -0.7 -1.1 -0.5 +3.8 +3.6
33 22 14 8 10 18 22 29 33

-1.0 -0.2 -0.7 -0.6 -0.7 -0.7 -0.4 +3.4 +3.4
33 23 15 9 10 18 24 30 33

-0.2 -0.2 -0.4 -1.1 -0.7 -0.6 -0.4 +0.5
33 30 22 13 8 10 17 33

SPK in 10" Oak 33' Pt. Sta. 219+85

-0.8 -0.1 -0.7 -0.7 -0.4 +0.1 -0.3 -0.3 -2.2 -2.2
33 18 14 9 12 15 20 22 29 33

Sta.	+	H.I. ✓	-	Ref	Elev.
		164.55			
121				5.0	259.4.
122				4.2	258.4.
123				6.4	258.2.
124				7.2	257.4.
T.P.	3.96	160.94 ✓	7.57	256.98 ✓	
125				4.1	256.8.
126				5.2	255.7.
+59				6.2	254.7.
127				4.9	254.0.
128				7.8	253.1.
129				7.5	253.4.
T.P.	6.23	159.67 ✓	7.50	253.44 ✓	
130				6.4	253.3.
131				6.0	253.7.
+56				5.4	254.3.
B.M.				2.77	256.90 ✓

Lt.

Rt.

+0.2	+0.5	-0.5	-0.4	-0.4	-0.1	-1.6	-3.2
33	12	9	9	14	22	26	33

-0.4	-0.2	-0.2	-0.5	-0.6	-0.8	-0.1	-3.0	-4.0
33	20	12	7	9	14	17	24	33

-0.4	-0.1	-0.5	-0.2	-0.4	-0.5	-0.9
33	13	8	12	15	21	33

-3.3	-2.8	-0.6	-0.7	-0.3	-0.3	+2.6	+3.1
33	24	14	8	12	25	28	33

-1.7	-0.5	+0.1	-0.7	-0.4	-0.6	-1.5	-1.0	+4.1	+6.1
33	17	15	12	9	14	21	27	35	36

-1.8	-0.5	-1.0	-0.5	-0.5	-0.6	-0.5	-1.5	-1.3	+1.6	+3.7
33	20	15	13	7	10	13	19	28	34	37

-3.1	-2.1	-1.1	-0.8	-0.4	-0.5	-1.0	+0.3	+0.2
33	14	14	8	11	17	22	28	33

-3.5	-2.7	-0.8	-0.5	-0.5	-0.7	-0.4	-0.8	-0.5	-1.3
33	14	13	7	8	11	12	22	24	33

-2.8	-2.4	-0.7	-0.4	-0.5	-0.5	-1.0	-1.2
33	14	13	9	11	20	27	33

-3.0	-2.7	-0.5	-0.4	-0.8	-0.5	-1.0	-1.1	-1.8
33	15	12	8	11	12	22	28	33

-2.2	-2.1	-0.4	-0.7	-0.3	-0.4	-1.5	-0.6	-1.3
33	15	11	8	8	14	17	24	33

-2.8	-1.8	-0.7	-0.5	-0.5	-0.3	-1.2	-1.0	-1.4
33	15	12	8	11	14	19	24	33

+0.8	+0.5	-1.1	-0.4	-0.5	-0.1	-0.8
33	22	14	9	7	13	33

Spk. in 12" Oak 40 Rt. Sta. 231+53

Sta.	+	H.I. ✓ 159.47	-	Red	Elev.
132				4.9	254.8.
+22				4.7	255.0.
133				4.8	254.9.
134				4.2	255.5.
135				4.4	255.1.
T.P.	9.12	264.31 ✓	4.48	255.19 ✓	✓
136				8.7	255.4.
+62				7.8	256.5.
137				7.6	256.7.
+50				4.9	257.4.
138				6.1	258.2.
+50				5.1	259.2.
139				5.3	259.0.
+34				5.7	258.8.

24.

18.

+1.2 +1.8 -1.5 -0.5 -0.7 -0.4 -0.7 -1.5 -0.4 -0.2
33 20 13 12 9 11 17 22 27 33 *

-1.5 -0.4 -1.1 -0.3 -0.7 -0.7 -0.9 -1.7 -0.5 -0.8 00
33 20 14 13 8 10 17 23 24 31 33

-2.7 -2.7 -2.0 -0.6 -0.6 -0.5 -0.4 -1.3 -1.2 -2.0
33 22 19 14 9 11 15 20 30 33

-3.0 -2.8 -0.9 -0.5 -0.7 -1.7 -2.3 -1.2 -1.4
33 21 14 9 10 17 22 28 33

-2.0 -2.4 -0.4 -0.5 -0.7 -0.5 -1.7 -1.0 -1.9
33 19 11 9 11 14 23 28 33

-3.2 -3.2 -2.2 -0.5 -0.6 -0.8 -1.1 -1.7 -0.8 -1.0
33 28 15 10 9 12 19 23 29 33

-0.7 -1.0 -0.8 -0.2 -1.0 -1.8 -1.4 +0.6 +0.3
33 17 8 12 17 24 27 31 33

+1.3 +2.4 -0.4 -0.4 -0.3 -0.3 -1.1 +1.3
33 20 15 9 4 15 24 35

+3.9 +4.8 -0.4 -0.2 +0.5 00 +0.7
33 14 5 10 21 29 33

+3.4 +4.8 -0.1 +1.1 +0.4 +0.3 +1.0
33 13 4 10 24 29 33

+1.8 +1.5 -0.5 -0.6 +0.2 -0.3 -0.5 +2.7 +3.0
33 18 13 9 4 14 18 24 33

+1.7 +1.1 -0.5 -0.4 -0.7 -1.0 -0.1 +0.3 +0.3
33 19 14 10 8 14 14 30 33

+0.7 -0.2 -0.6 -0.4 -0.7 -1.7 -1.1 -0.5 -1.0
33 18 14 11 9 14 17 29 33

Sta.	+	M.I.	-	Red	Elev
		264.31 ✓			
240				6.4 ✓	257.9. ✓
T.P.	3.23	260.70 ✓	6.84	257.47	
241				3.8	256.9. ✓
B.M.				5.29	255.41 ✓
242				7.8	255.9. ✓
243				5.9	254.8. ✓
244				6.1	254.6. ✓
245				5.4 ✓	255.3. ✓
T.P.	6.25	261.73 ✓	5.22	255.48	
246				5.7	256.0. ✓
247				5.3	256.4. ✓
248				4.8	256.9. ✓
249				4.6	257.1. ✓
+50				4.9	256.8. ✓
250				4.4	257.3. ✓
+50				4.3	257.4. ✓

Lt.

Rt.

-0.6 -1.4 -0.7 -0.6 -2.3 -0.9 -1.5
33 18 10 8 17 24 33

-1.2 -2.0 -0.5 -0.8 -1.3 -3.2 -4.8
33 22 10 8 12 14 33

Spk. in 4" Oak 20 Rt 34 24 + 80.

-4.2 -5.4 -0.7 -0.6 -2.0 -1.6
33 18 10 9 15 33

-4.2 -3.4 -1.0 -0.6 -0.6 -0.8 -3.1 -3.5
33 18 13 10 9 12 17 33

-4.0 -3.4 -1.1 -0.7 -0.8 -0.9 -3.0 -2.8
33 23 18 11 9 13 17 33

-2.1 -1.1 -1.1 -0.6 -0.7 -0.9 +4.8 +4.8
33 24 19 11 9 19 25 33

-1.5 -1.5 -0.2 -0.7 -0.5 -0.8 +3.9 +4.7
33 24 15 11 9 15 23 33

-3.7 -2.1 -0.3 -0.7 -0.5 -0.4 +0.5 +0.3 +1.4
33 20 14 12 8 12 15 24 33

-1.5 -0.7 -1.6 -0.7 -0.7 -0.1 -0.2 +0.8
33 17 15 11 12 15 24 33

+1.4 +0.4 -1.4 -0.7 -1.2 +1.1 +2.2
33 17 15 11 12 25 33

+0.5 +0.6 -0.6 -0.6 -0.7 +0.2 +1.4 +2.8 +3.5
33 22 18 13 10 17 20 24 33

-1.0 +0.4 -0.3 -0.8 -0.6 +2.2 +2.8
33 25 18 15 9 18 33

+0.8 +0.6 -0.6 -0.7 -0.7 +1.0 +0.7 +1.4
33 18 14 12 9 14 25 33

Sta.	+	H.I.	-	Red	Flex.
		261.73			
251				4.0	257.7.
+33				3.9	257.8.
252				3.0	258.7.
+25				2.8	258.9.
T.P.	9.41	248.54	2.60	159.13	✓
253				2.5	240.0.
254				6.7	261.8.
255				5.4	262.9.
+50				5.5	243.0.
254				5.2	263.3.
+50				4.3	264.2.
B.M.				0.83	267.71
257				3.8	264.7.
258				3.8	264.7.
T.P.	4.84	269.27	4.13	264.41	
+53				4.8	264.5.

L.

R.

+1.1	+0.4	+0.1	-0.5	-0.8	-0.9	-1.7	+2.1
33	22	17	14	12	9	22	33

+0.9	-0.6	-0.7	-0.6	-4.5	-5.0
33	11	9	13	21	33

+0.5	-1.0	-0.7	-1.0	-4.5	-5.4	-4.0
33	14	9	13	22	29	33

+0.2	-0.5	-1.0	-0.5	-1.6	-1.3
33	22	12	9	15	33

-0.2	+0.2	-1.0	-0.7	-0.5	-0.1	+0.7
33	17	13	9	14	18	33

+3.7	+3.7	-0.7	-0.7	-0.5	-0.3	+1.2	+2.8
33	28	12	10	10	14	21	33

-1.4	-0.6	-0.7	-0.7	+0.4
33	9	10	15	33

-0.7	-0.8	-0.3	+0.1	+1.1
33	25	6	15	33

+1.3	+1.3	+1.2	+0.2	+0.8	+0.5	0.0	+3.1
33	14	9	3	9	18	23	33

+1.5	+0.3	-0.6	-0.2	+0.7	+0.9
33	12	7	12	20	33

SpK in P.P. 50 ft. Sta. 255+95.

+1.0	-0.1	-0.6	-0.5	-1.0	-2.6	-3.7
33	17	11	10	14	18	33

-3.2	-0.8	-0.9	-0.7	-1.3	-2.1	-3.0
33	15	13	10	15	18	33

-4.8	-3.8	-1.0	-0.2	-0.5	-1.1	-3.4	-4.7
33	23	16	9	10	15	18	33

Sta.	+	H.I. ✓	-	Rock	Elev.
		269.27			
259				4.7	264.6
260				4.5	264.8
261				4.8	264.5
262				5.0	264.3
263				4.9	264.4
+50				5.1	264.2
264				5.4	263.7
265				7.5	261.8
T. P.	2.12	263.64	7.73	241.54	
266				4.3	259.4
+69				6.1	257.4
267				6.9	256.8
268				9.4	254.3
T. P.	2.24	255.49	10.41	253.25	
269				3.4	252.1

24.

24.

-2.7 -1.8 -1.0 -0.7 -0.8 -0.9 -1.9 -2.1
33 20 14 11 10 14 18 33

-1.4 -2.0 -0.9 -0.7 -0.6 -0.4 -0.4 -0.4 -0.4
33 19 16 12 10 14 18 28 33

-1.8 -1.7 -1.0 -0.6 -0.7 -0.8 -2.4 -2.4
33 17 15 12 10 13 19 33

-1.4 -2.4 -0.8 -0.7 -3.7 -4.2 -5.2 -5.2
33 17 13 10 17 19 20 33

-0.4 -1.5 -0.9 -0.6 -0.7 -1.5 -1.7 -1.1
33 19 14 10 12 14 27 33

+0.7 -0.4 -0.5 -0.5 -0.3 +0.4
33 20 12 10 24 33

+2.5 +2.4 -0.2 -0.4 -0.5 +0.4
33 22 17 12 8 33

+3.4 +4.1 -0.5 -1.0 -0.4 +0.4 +5.0 +5.2
33 24 17 14 12 21 26 33

-1.3 -1.1 -1.3 -0.7 -0.5 -0.4 -0.8 -0.2 -0.4 -0.3
33 25 17 15 11 9 15 20 27 33

-4.4 -3.3 -1.2 -0.8 -0.7 -2.7 -3.4 -3.4
33 23 15 12 12 14 23 33

-5.2 -4.9 -3.9 -0.8 -0.4 -0.5 -3.1 -4.5 -4.5
33 24 18 12 10 13 19 23 33

-3.5 -2.8 -0.8 -0.7 -1.0 -3.1 -5.1 -4.1
33 18 15 10 13 17 22 33

+1.9 +0.2 -0.5 -0.6 -1.2 -2.7 -1.6
33 17 13 11 15 20 33

Sta.	+	H.I.	-	Red	Elev.
		155.49 ✓			
+12				3.7	251.8.
B.M.				4.00	251.49 ✓
+24		Hamline Ave on Lt.		4.0	251.5.
+54				4.4	251.1.
270				5.2	250.3.
+50				5.9	249.4.
271				7.7	247.8.
+37				9.0	246.5.
272				9.2 ✓	246.3.
T.P.	4.13	252.66 ✓	8.94	146.53	
273				5.8	246.9.
274				4.9	247.8.
275				4.5 ✓	248.2.
T.P.	4.75	257.39 ✓	2.02	250.64	
+60				8.9	248.5.
276				9.1	248.3.

LH.

RH.

-0.6	-0.4	00	-0.4	-1.2	-2.1	-1.6	-1.2
33	22	10	11	18	21	24	33

Nail in P.P. 35 RH. Sta. 168 + 70.

+0.4	00	+0.1	-0.4	-1.9	-1.1
100	50	25	12	27	33

-0.1	-0.8	-1.1	-0.7	-1.7	-2.6
33	24	17	10	14	33

-2.3	-1.9	-1.0	-0.6	-0.8	-0.5	-3.2	-3.9
33	17	14	10	10	11	19	33

-3.5	-3.8	-1.2	-0.7	-0.8	-1.5	-3.6	-4.5
33	20	15	11	10	15	19	33

-3.8	-3.4	-0.4	-0.5	-0.7	-1.3	-3.8	-4.0
33	19	14	9	9	14	17	33

-1.6	-3.1	-1.2	-0.8	-0.6	-1.0	-2.7	-2.6	-1.7
33	18	14	10	8	14	15	24	33

-3.1	-2.6	-1.4	-0.8	-0.6	-0.8	-2.3	-1.9
33	18	15	10	8	15	15	33

-2.7	-2.7	-0.8	-0.8	-0.6	-0.9	-2.9	-2.1
33	18	15	10	8	14	17	33

-3.1	-3.1	-0.6	-0.7	-0.8	-3.2	-3.4
33	21	15	11	12	18	33

-2.1	-2.7	-0.9	-0.6	-1.0	-3.5	-3.7
33	17	14	9	12	17	33

Nail in P.P. RH. Sta. 176 + 15.

+0.4	+0.7	-0.2	-0.4	-0.6	-0.8	-2.0	-1.9
33	23	18	10	9	13	14	33

+2.7	+3.6	-0.5	-0.5	-0.6	-1.1	+0.7	+0.7
33	21	17	10	10	17	22	33

Sta.	+	H.I. ✓	-	Ref	Elev.
		257.39			
277				8.9	248.5.
278				7.2	248.2.
279				10.0	247.4.
+70				10.8 ✓	246.4.
T.P.	2.91	249.60 ✓	10.70	246.69	
280				3.3	246.3.
281				4.9	244.7.
282				4.8	244.8.
283				4.8	244.8.
284				4.7	244.9.
+50				4.4	245.0.
+85				5.0	244.6.
285				7.7	241.9.
+50				7.7	241.7.

21.

Rt.

+5.4	+5.8	-0.4	-0.5	-0.8	-0.8	+4.5	+4.7
33	27	17	10	11	18	29	33

+7.0	+6.7	-0.6	-0.6	-0.5	-0.7	+5.3	+5.2
33	28	18	10	10	20	30	33

+5.7	+5.4	-1.7	-0.5	-0.8	-2.0	+4.4	+4.4
33	31	20	10	10	21	34	40

+0.4	+0.5	-1.4	-0.6	-0.6	-1.3	-2.3	-0.2	-0.4
33	24	18	10	10	14	26	28	33

-3.0	-2.4	-0.8	-0.7	-0.7	-0.8	-2.6	-2.8
33	18	14	10	9	13	17	33

-3.4	-3.6	-0.7	-0.6	-4.4	-0.7	-3.0	-3.5
33	19	15	10	9	14	19	33

-4.0	-4.0	-1.3	-0.4	-0.5	-1.2	-3.8	-3.4
33	20	15	9	7	13	19	33

-3.4	-3.5	-0.4	-0.6	-0.6	-0.5	-4.1	-4.2
33	17	14	10	8	12	19	33

-2.5	-2.5	-0.7	-0.3	-0.4	-0.7	-2.7	-2.7
33	21	17	8	8	13	18	33

R = Center of Old Road.

R.

-2.0	-2.2	-0.8	-0.5	+0.2	-0.6	-2.7	-2.7
33	24	21	14	6	10	14	33

R.

-1.4	-0.5	-0.1	+0.5	-2.2	-2.8
33	27	25	14	4	33

R.

+2.2	+2.5	+3.0	+2.7	+1.0	0.0	-0.1
34	30	19	7	3	2	33

R.

+0.2	+0.2	+2.7	+2.8	+1.7	-0.1	0.0	+0.4
80	73	65	50	39	33	18	20
							33

Sta.	+	H.I. ✓	-	Red	Elev.
		249.00			
284				7.5	242.1.
+29				7.9	241.7.
+34				6.2 ✓	243.4.
B.M.	4.60	249.34 ✓	486	144.74	
+50				5.2	244.1
287				4.8	244.5.
288				4.5	244.8.
289				4.7	244.6.
290				4.8	244.5.
291				4.5	244.8.
292				4.0	245.3.
+10				3.9	245.4.
+31	Beginning of Bridge			3.9	245.4.
+47	Center of Bridge			3.9	245.4.

ht.

ht.

241.5
11.9

R.

229.6

+1.6 +2.5 +2.9 +2.8 +2.0 +1.1 +0.2 -0.5 -1.0
75 60 34 34 19 15 7 9 33

R.

+4.7 +3.5 +2.8 +3.0 +1.6 -0.7 -0.6
75 50 34 19 4 10 33

R.

+3.8 +0.9 +0.5 +0.9 +1.3 +0.7 -1.5 -2.4 -2.4
75 50 35 30 17 8 4 25 33

SPK in 12" poplar 21' H. Sta. 186.1 + 40

R.

-1.4 -1.3 -0.1 +0.4 -0.8 -2.5 -3.3 -3.3
33 26 20 8 7 10 13 33

+1.4 -1.5 -1.6 -0.6 -0.4 -1.3 -2.4 -3.3
33 29 18 17 8 13 15 33

+1.5 -1.9 -2.0 -0.7 -0.7 -0.7 -1.2 -2.2 -3.5
33 24 18 15 9 7 15 18 33

-2.3 -2.9 -1.2 -0.3 -0.8 -0.7 -4.5 -4.5
33 18 14 7 7 14 19 33

-2.2 -2.2 -0.2 -0.4 -0.6 -1.3 -4.2 -4.1 -4.1
33 15 12 10 8 13 17 19 33

-2.9 -3.3 -1.2 -0.6 -0.9 -1.4 -3.3 -4.2
33 18 15 10 9 13 19 33

-2.0 -3.4 -2.8 -0.7 -0.4 -0.8 -1.3 -2.5
33 28 17 11 10 13 15 33

-2.2 -4.3 -3.2 -0.7 -0.2 -0.5 -2.1 -2.6
33 25 14 10 8 11 14 33

-8.0 -8.0 0.0 -0.0 -8.0 -7.6
33 11 9 9 14 33

229.6 = Water Elev. 4/22/41

-10.3 -11.0
9 9

Sta.	+	H.I.	-	Red	Elev.
		249.34			
+02	End of Bridge.			4.0	245.3
293				4.4	244.9
T.P.	5.24	249.78	4.82	244.52	
294				5.4	244.2
295				5.7	244.1
296				5.3	244.5
297				4.9	244.9
298				4.9	244.9
299				5.1	244.7
300				5.4	244.2
T.P.	6.49	250.34	5.71	243.87	
301				6.0	244.4
302				6.4	244.0
303				5.9	244.5
304				4.9	245.5

14.

15.

-5.5 -5.5 -7.0 00 00 -7.9 Water.
33 27 10 9 9 12

-5.3 -4.9 -0.4 -0.4 -1.1 -4.8 -5.6
33 17 12 9 12 18 33

-5.0 -4.4 -0.1 -0.5 -0.8 -1.1 -4.4 -4.3
33 20 13 10 9 16 18 33

-4.4 -4.3 -0.8 -0.9 -0.8 -1.3 -4.1 -4.4
33 19 14 10 10 14 18 33

-3.7 -3.4 -0.7 -0.7 -0.9 -1.3 -3.8 -4.2
33 20 15 10 9 13 18 33

+0.4 -0.3 -1.3 -1.3 -0.5 -0.7 -0.8 -0.8 -2.8 -2.8 -1.1 -0.6
33 21 19 14 15 11 10 14 20 25 29 33

-0.1 -0.4 -2.3 -2.3 -1.0 -0.6 -0.7 -0.7 -2.0 -0.3 -0.6
33 27 21 18 16 10 9 13 15 25 33

-0.3 -0.6 -1.7 -1.7 -0.4 -0.5 -0.4 -1.3 -1.0 -0.9
33 23 21 18 14 11 8 14 22 33

+0.7 +0.3 -0.9 -1.7 -0.6 -0.4 -0.7 -0.5 -3.4 -3.8
33 25 21 18 14 10 9 14 18 33

+2.0 +1.1 -1.0 -0.5 -0.4 -0.8 -1.4 -2.9 -2.9 -2.4
33 28 22 14 10 10 15 17 22 33

-2.7 -2.4 -0.7 -0.6 -0.8 -1.2 -2.8 -2.9
33 18 15 9 9 13 15 33

-1.1 -1.6 -0.4 -0.6 -0.9 -1.5 -2.4 -2.1
33 17 14 10 10 15 14 33

-0.1 -1.1 -1.4 -0.5 -0.9 -0.5 -0.7 -1.0 -2.4 -2.5
33 27 20 14 15 10 10 13 14 33

Sta. + H.I. - Rod Elev.

250.36

305 4.4 246.0

+29⁷⁵ End of Proj. 3.7 246.7

+45 Road Lt. & Rt. 3.3 247.1

B.M. 4.34 246.02

11.

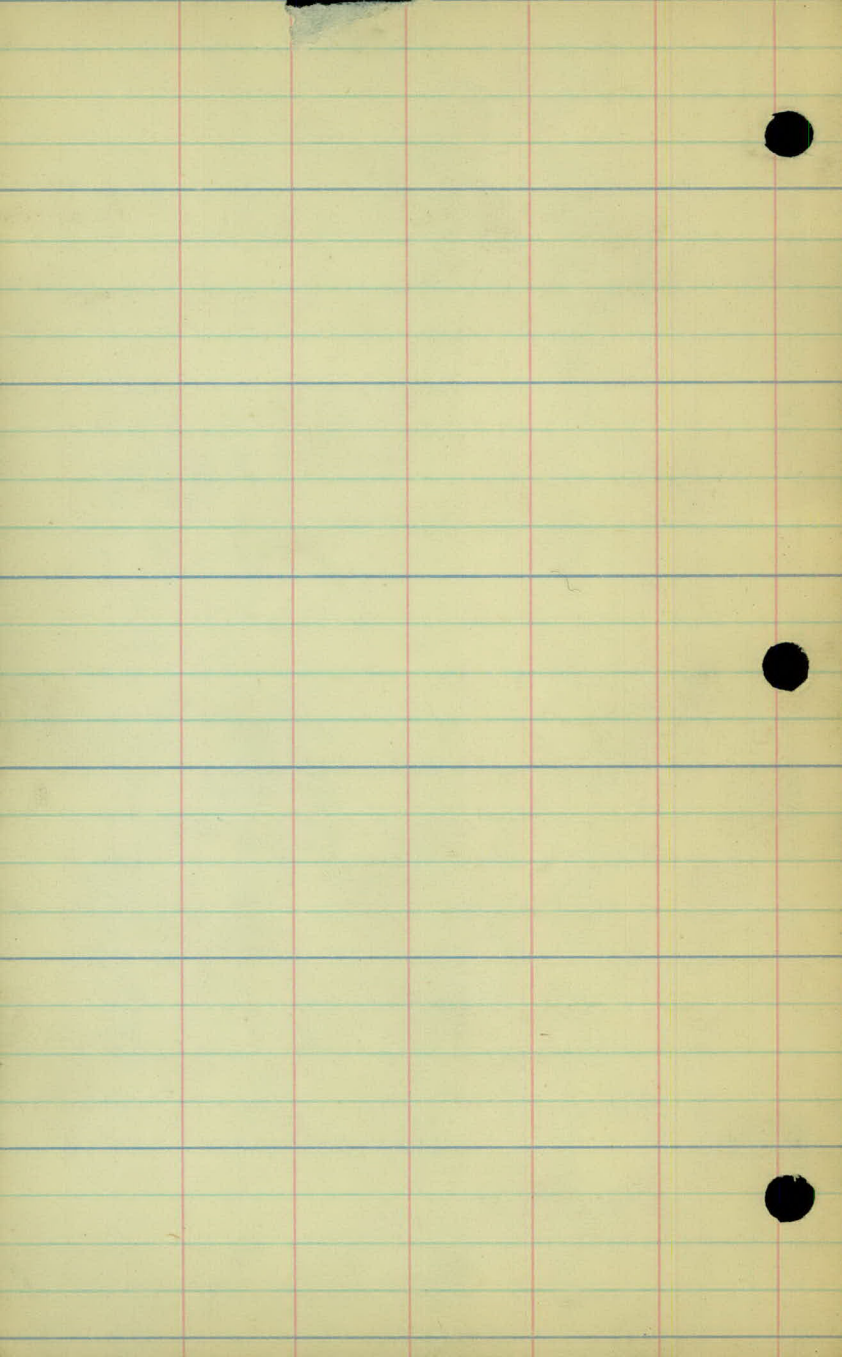
Rt

-0.2 -0.2 -1.3 -2.8 -2.8
33 13 15 19 33

+0.3 +0.4 -0.4 -1.5 -2.5 -3.1
35 15 12 25 29 33

+2.3 +1.2 -1.4
50 33 33

SPK in T.P 45 Rt. Sta. 305 + 32.



Road # 3.

Lexington Ave.

Check levels from Sta. 0+00
to Sta. 52+00.

Sta.	+	H.I.	-	Elev.
B.M.	1.58	307.73		306.15
T.P.	1.97	299.51	10.19	297.54
T.P.	4.80	295.55	8.74	290.75
B.M.			2.59	292.94
T.P.	8.61	298.44	5.72	289.83
T.P.	7.45	303.66	2.23	294.21
B.M.			2.09	301.57
T.P.	8.46	308.14	3.94	299.70
B.M.			5.90	302.46
T.P.	11.17	318.73	0.40	307.56
T.P.	6.54	324.40	0.87	317.84
B.M.			4.24	320.14 ✓

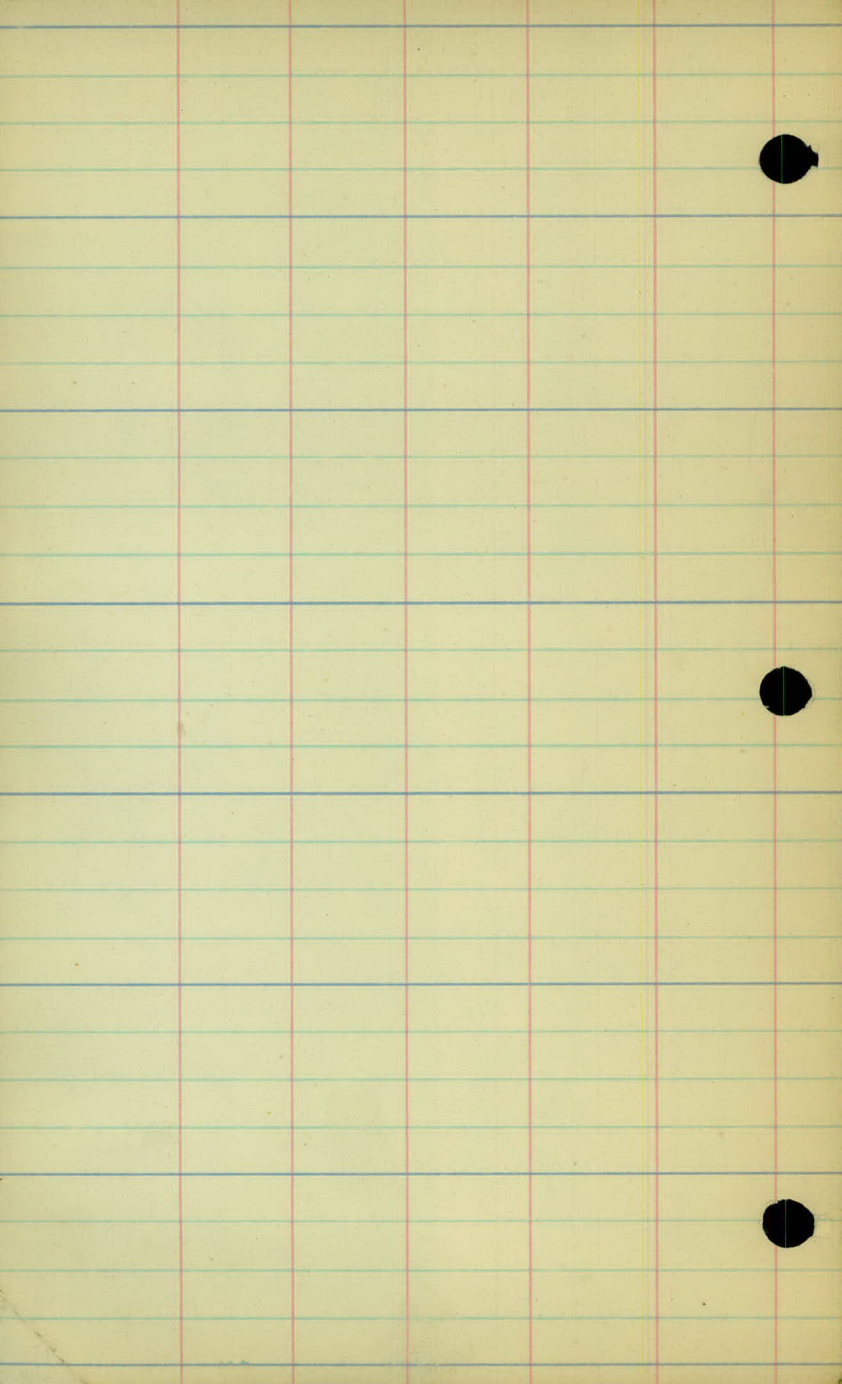
Nail in 18" Oak. N.E. Cor. of Hamline and Co. Rd. E.

SpK. in 12" Elm. 30' H. Sta. 14+27.

SpK. in 12" Oak. 25' H. Sta. 32+15

SpK. in 12" Oak. 30' H. Sta. 42+04.

SpK. in 36" Oak. 35' H. Sta. 59+10.



Road # 3
Lexington Ave.

Check levels from Sta. 52+10
to Sta. 105+00.

Sta.	+	H.I	-	Flev.
B.M.	10.75	330.91		320.14
T.P.	11.34	341.91	0.56	330.35
T.P.	11.63	352.87	0.47	341.24
T.P.	10.91	363.33	0.45	352.42
B.M.			2.81	360.52 360.53
T.P.	7.43	370.14	0.60	362.73
T.P.	1.28	360.29	11.15	359.01
T.P.	0.39	348.82	11.84	348.43
T.P.	0.44	338.42	10.84	337.98
B.M.			2.12	336.30
T.P.	0.25	328.85	9.82	328.60
T.P.	5.20	325.56	8.49	320.34
B.M.			4.25	321.31
T.P.	2.70	322.47	5.59	319.97
T.P.	3.09	314.88	10.88	311.79
B.M.			3.78	311.10

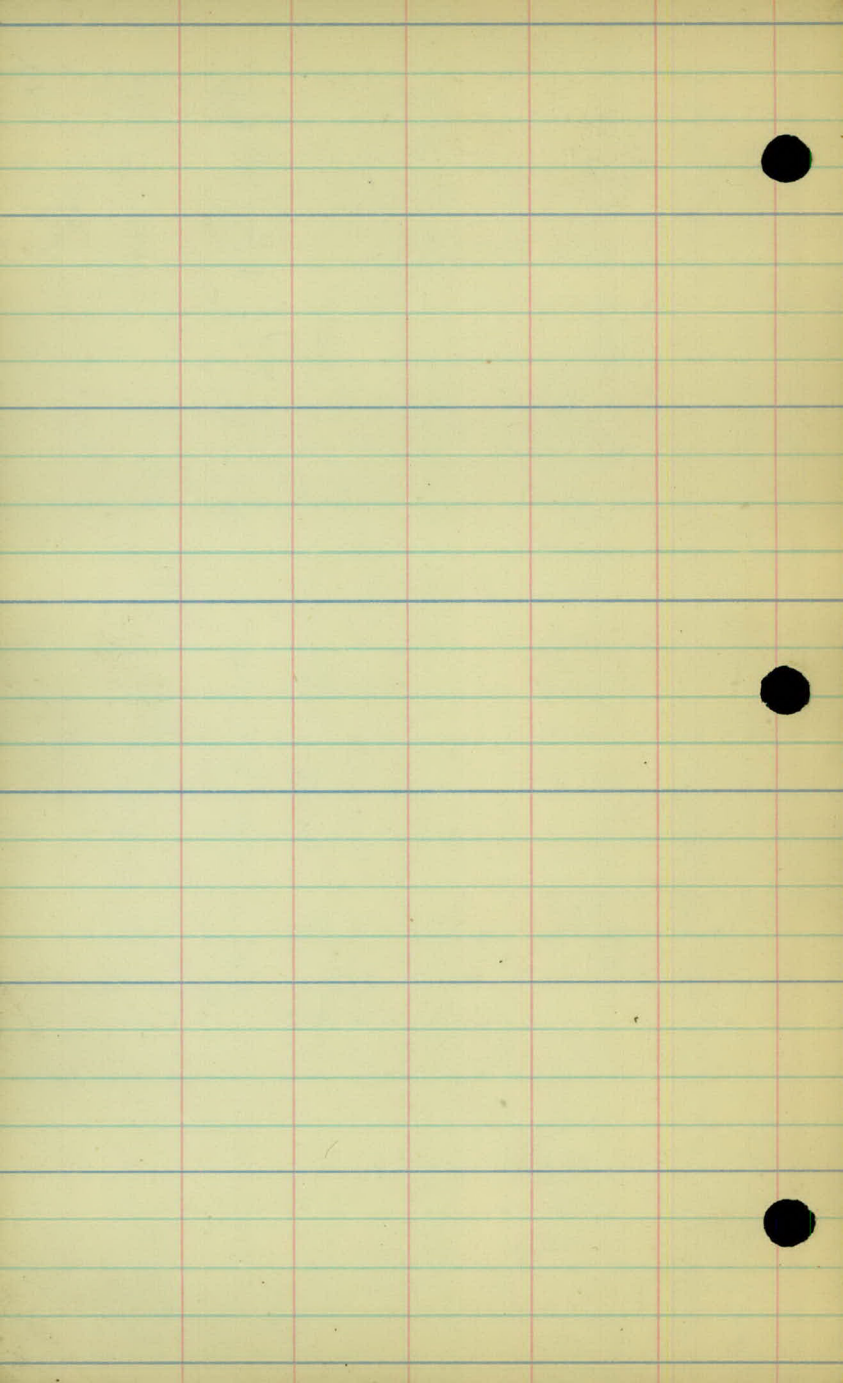
Spl. in 34" Oak, 35' H. Sta. 52+10.

Nail in 6" Box Elder 35' H. Sta. 64+60.

Nail in 8" Maple 40' H. Sta. 75+55.

Spl. in Twin Oak, 20' H. Sta. 88+45.

Spl. in T. P. 20' H. Sta. 105+15.



Road # 3.

Lexington Ave.

Check levels from Sta. 105+00
to Sta. 158+00.

Sta.	+	H.I.	-	Elev.
B.M.	0.54	311.44		311.10
T.P.	1.14	301.15	11.45	299.99
T.P.	1.10	3 91.08	11.17	² 889.78
B.M.	1.13	2 80.53	11.48	279.40
T.P.	0.43	2 69.34	7.42	268.91
T.P.	0.67	3 58.69	12.32	258.02
B.M.			4.78	253.91
T.P.	4.91	2 57.03	6.57	252.12
B.M.			4.54	252.49 ✓
T.P.	10.47	2 63.64	3.84	253.19 ✓
T.P.	8.70	2 71.99 ✓	0.57	263.09 ✓
B.M.			6.66	265.33 ✓
T.P.	8.83	3 75.34 ✓	5.44	² 266.53 ✓
T.P.	6.39	2 80.95 ✓	0.80	² ③74.54 ✓
B.M.			3.17	² ③77.78 ✓

SpK. in T.P. 20' Rt. Sta. 105+15.

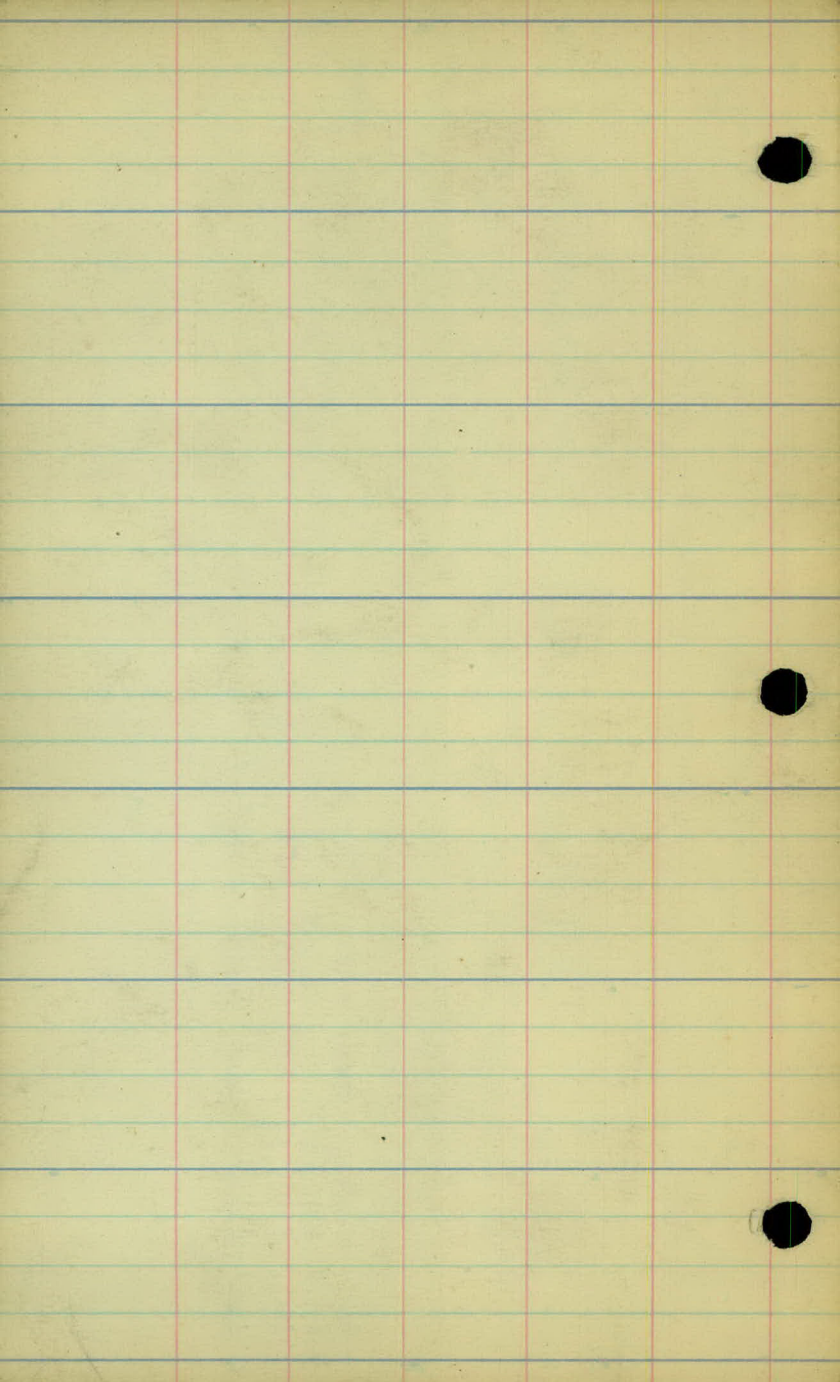
SpK in 30" Poplar 30' Rt. Sta. 113+85.

SpK. in T.P. 15' Rt. Sta. 122+35.

SpK. in T.P. 15' Lt. Sta. 131+70.

SpK. in 12" Oak. 18' Lt. Sta. 144+50.

SpK. in 6" Oak. 45' Rt. Sta. 158+00.



Road # 3.

Lexington Ave.

Check levels from Sta. 158+00
to Sta. 210+00.

Sta.	+	H.I.	-	Elev.
B.M.	3.43	381.21		377.78
T.P.	4.33	376.34	9.18	372.03
B.M.	1.67	372.68	5.35	371.01
T.P.	0.30	363.27	9.71	362.97
B.M.	7.47	359.51	11.23	352.04
T.P.	7.43	365.42	1.52	357.99
B.M.	0.53	360.55	5.40	360.02
T.P.	5.02	355.88	9.47	350.86
B.M.			4.74	351.14

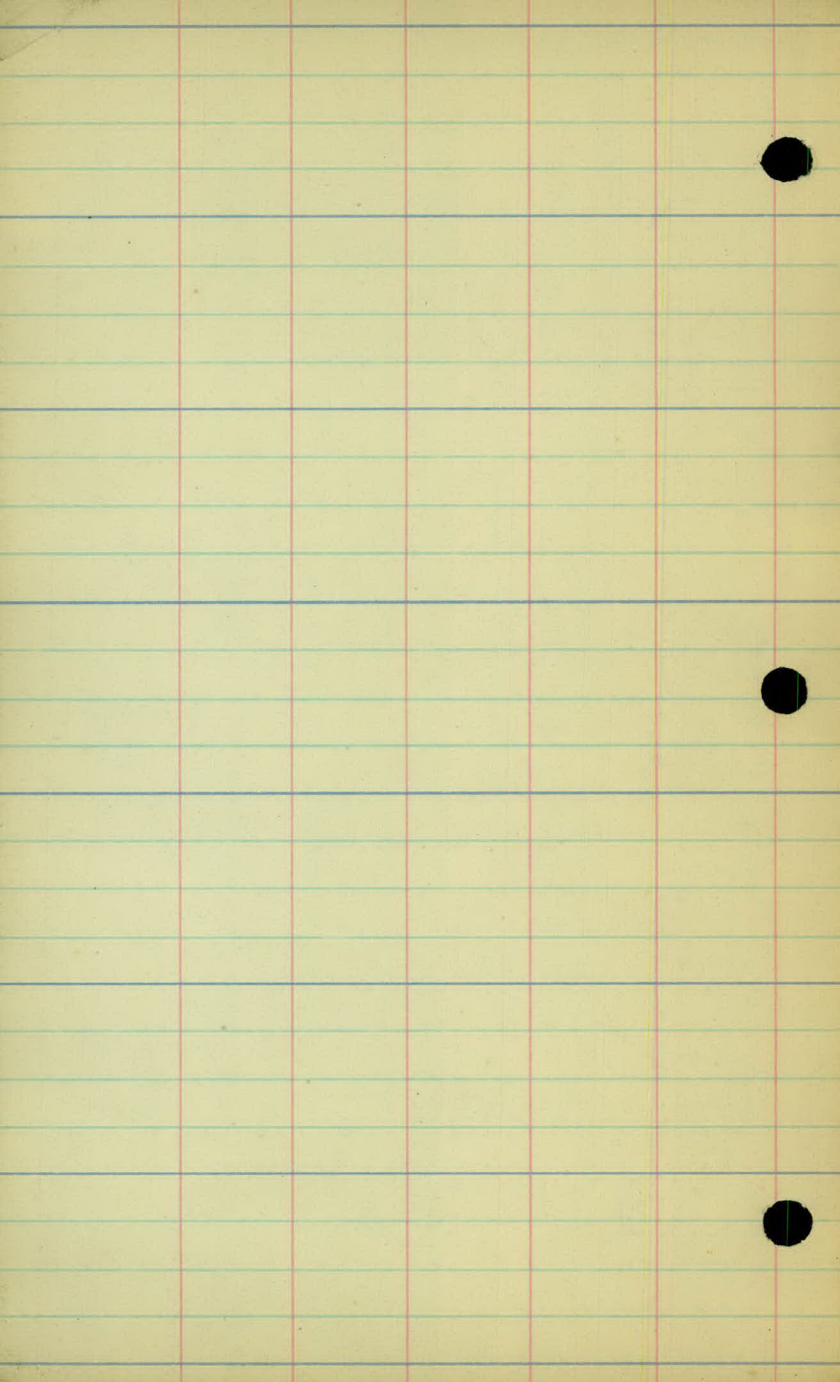
SpK. in 6" Oak. 45' Rt. Sta. 158+00.

SpK. in T.P. 15' Rt. Sta. 169+90

SpK. in T.P. 20' Rt. Sta. 182+90.

SpK. in T.P. 20' Rt. Sta. 195+75

SpK. in T.P. 20' Rt. Sta. 210+47



Road # 3

Lexington Ave.

Check Levels from Sta. 210+47
to End of Proj. -

Sta.	+	H.I.	-	Elev.
B.M.	7.68	258.82		251.14
	6.11	264.38	0.55	258.27
B.M.			1.09	263.29
	3.64	259.72	8.30	256.08
B.M.			2.82	256.90
	5.75	263.43	2.04	257.68
	3.80	260.13	7.10	256.33
B.M.			4.74	255.37
	11.60	268.57	3.16	256.97
B.M.			0.92	267.65
	1.33	265.40	4.50	264.07
	0.62	254.85	11.17	254.23
B.M.			3.40	251.45
	1.68	249.68	6.85	248.00
P.M.			4.92	244.74
	4.78	249.46	5.00	244.68
B.M.			3.41	246.05 ✓

SpK in T.P. 20' Rt. Sta. 210+47.

SpK in 10" Oak 33' Rt. Sta. 219+85.

SpK in 12" Oak 40' Rt. Sta. 231+53.

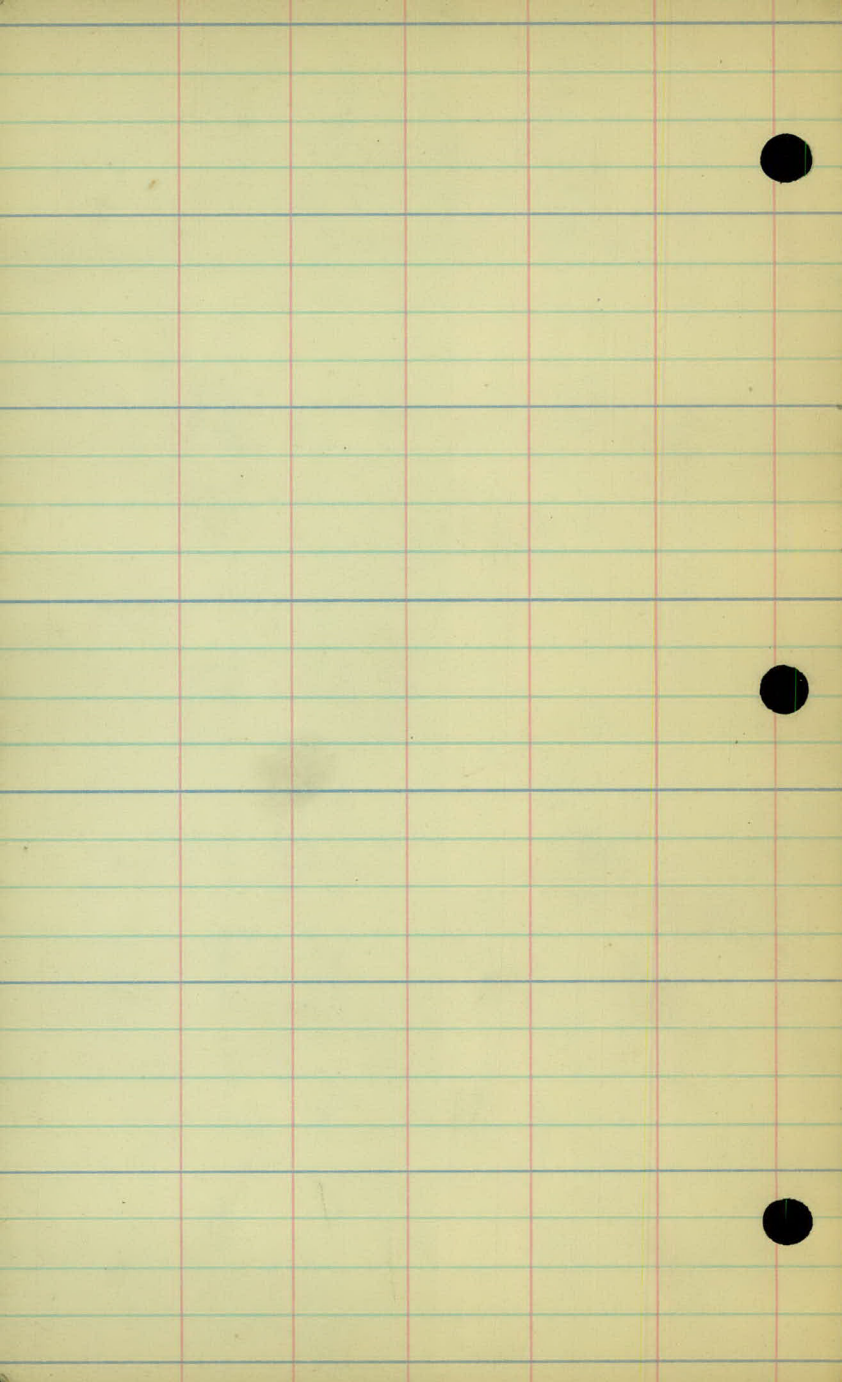
SpK in 6" Oak 20' Rt. Sta. 241+80.

SpK in P.P. 50' Rt. Sta. 255+95.

Nail in P.P. 35' Rt. Sta. 268+70.

SpK in 12" Poplar 21' Lt. Sta. 286+40.

SpK in T.P. 45' Rt. Sta. 305+32.



Road #3.

Lexington Ave.

Drainage notes from Sta 0+00.
to End of Proj.

Sta.

14+08 14" x 34' C.M. Cross drain Imp.
Extends 18' L. & 18' R. Cond. New.

22+09 24" x 50' Vit. Cross drain Imp.
Extends 25' L. & 25' R. Cond. Good

36+59 15" x 42' Vit. Cross drain Imp.
Extends 10' L. & 22' R. Cond. Fair.

39+73 12" x 38⁵ Vit. Cross drain Imp.
Extends 17' L. & 21⁵ R. Plugged up,
Cond. Fair.

47+12 12" x 44' Vit. Cross drain Imp.
Extends 10' L. & 24' R. Plugged up.
Cond. Fair.

79+09 14" x 132' Vit. Cross drain Imp.
Extends 44' L. & 48' R. Cond. Good

Inv. Elev. = 284.79 Pond on Lt.

Drains Lt.

Inv. Elev. 284.34 285.4 285.4 285.0
 35 50 75

Drains Lt.

Inv. Elev. = 292.22 293.0 291.5 292.5
 35 50 75

Drains Rt.

Inv. Elev. 301.33 Pond on Lt.

Drains Lt.

Inv. Elev. 294.43 294.2 293.4
 75 100

Drains Lt.

Sta.

99+61 15" x 42' C.M. Cross drain Imp.
Extends 22' L. & 20' R. Cond. New.

131+73 12" x 36' C.M. Cross drain Imp.
Extends 13' L. & 20' R. Cond. Good.

136+50 12" x 40' C.M. Cross drain Imp.
Extends 22' L. & 18' R. Cond. Fair.

148+75 12" x 39' Vit Cross drain Imp.
Extends 24' L. & 15' R. Cond. Fair.

182+77 12" x 40' Vit Cross drain Imp.
Extends 20' L. & 20' R. Cond. Fair.

184+54 12" x Cross drain Imp.
Extends 20' L. & 19' R. Cond. Fair.

Inp Elev. = 308.05 306.6 305.8
Drains Lt. 50' 75'

Inv. Elev. = 250.10	249.5	149.3
	40	50
Prairie Lt.		

Inv. Elev. = 249.92 250.4 250.3
35 50
Drains H.

Inv Elev. = 157.84	152.4	156.2
	35	50
Drains Lt.		

Inv. Elev. 348.43	348.9	348.8
	50	75
Drains Lt.		

Top Elev. 148.18	148.7	148.5	148.4
	30	50	75
Drains Rt.			

Sta.

101+37 24" x 40' Vit. Cross drain Imp.
Extends 20' L. & 20' R. Cond Fair

174+22 15" x 34' Vit. Cross drain Imp.
Extends 17' L. & 17' R. Cond Fair

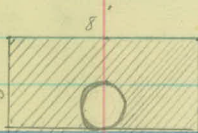
283+36 36" x 30' C.M. Cross drain Imp.
Extends 16' L. & 14' R. Cond Good
1' x 5' x 8' Concrete Head Wall L. & R.

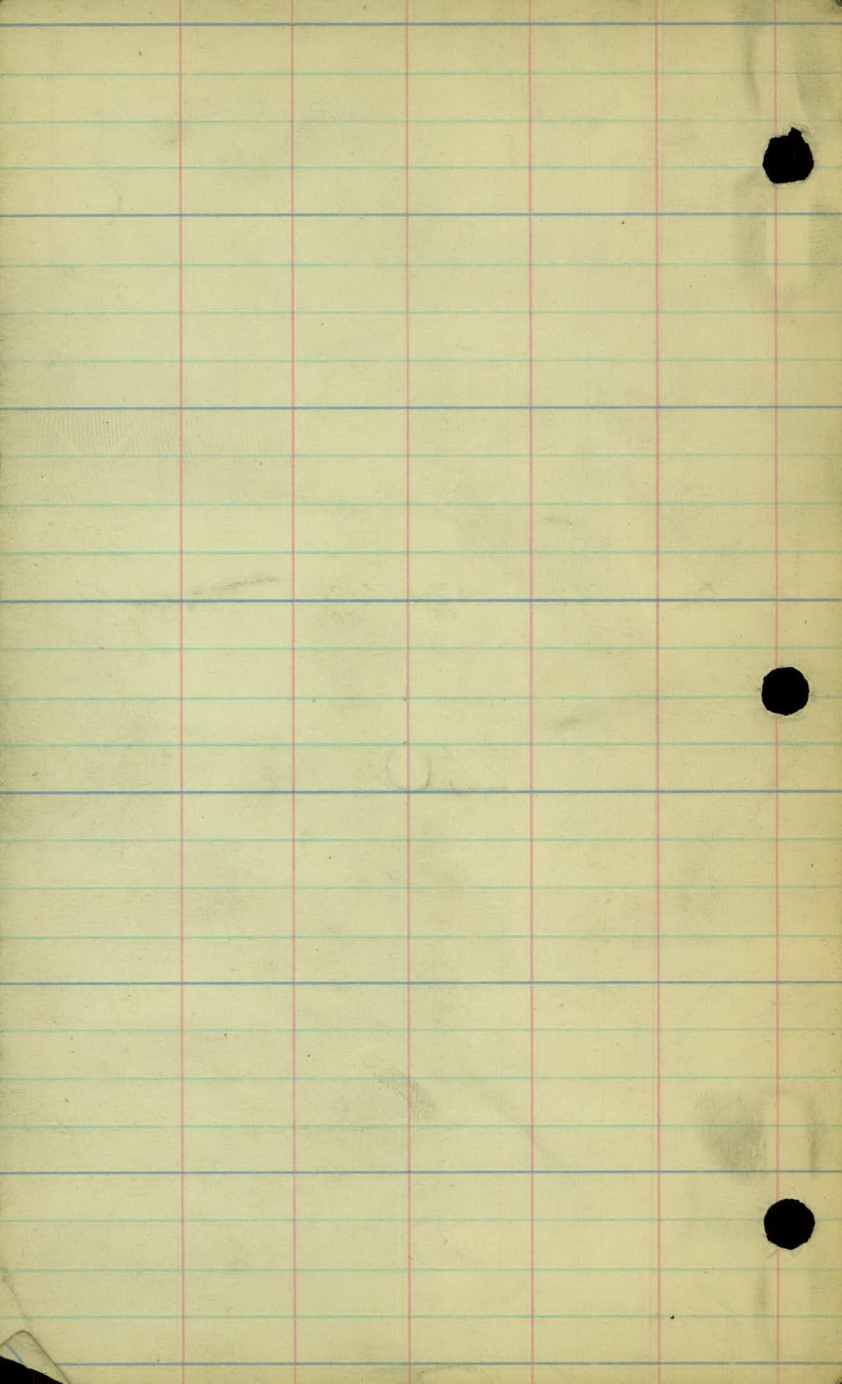
294+57 24 x 41' Vit. Cross drain Imp.
Extends 21' L. & 20' R. Cond Poor
Plugged up.

Inv. Elev.	344.87	344.9	344.9	344.4
		50	50	75
Drains Lt.				

Inv. Elev.	143.26	143.8	143.4	143.3
		50	50	80
Drains Rt.				

Inv. Elev.	137.90	137.4	137.7	138.4	138.3
		33	50	75	100
Drains Rt.					





+ 17+50 Ent. R, P. 12" x 24"

+ 17+09 - F.E. - R. - P. 12" x 24" C.M.

+ 19+00 - 15" x 15" x 30' - Woodbox Cul. Inp. Leave.

x 21+50 - 18" x 48' - V.P. Inp. - 45° Skew - Remove
P-24" P₃

x 26+40 - Road R&L. No Culv's. req.

+ 28+00 - 6" x 36' V.P. - Inp. Remove - P-24" P₃

+ 34+00 - 15" x 40' V.P. Inp. Remove - P-24" P₃

+ 39+50 - 10" x 36' V.P. Inp. Leave - No Culv. Req.

x Ditch Grade - 39+50 to 36+00 - on R.

x { " " - 41+00 to 36+00 - on L.
(Grade about the same as present ditch.)

+ 46+12 - F.E. - R&L. - No Culv. Req.

+ 47+30 - 12" x 48' V.P. - Inp. P-24" P₃

+ Ch. & Gx. row inside width of ROW on L. from 31+00 to 52+00

x { 52+80 - R. - P. 24" P₃ 36'
No Culv. req. on L.

+ 64+92 - F.E. - R. P 12" x 24'

+ 66+53 - F.E. - L. P 12" x 24'

+ 75+41 - E. on L. P-24" x 24' C.M.

+ { 79+15 - 24" x 175" V.P. - Leave -
Extend on L. 24" x 18" P₃ 1/2.

+ 83+97 - R & L. P. 2-12" x 24'

+ { 88+13 - F.E.-R. 12" x 22' C.M. Inp. O.K.
Remove and Replace

+ 92+00 - Inp. 12" x 32' V.P. P. 24" P₃

+ 95+14 - F.E. - L. P. 12" x 24'

+ { 99+50 - 15" x 40' C.M. Inp. - Remove Conch. O.K.
P. 24" P₃

+ 108+79 - L. Inp. 10" x 12' V.P. Remove - Replace

+109+93 - F.E. L. Inp. 12' X 32' C.M. Remove & Replace

+110+10 - F.E. R. - Inp. 12' X 20' C.M. - Remove & Replace

x110+47 - L. Inp. 12' X 36' C.M. - Remove & Replace

x119+90 - F.E. - L. 10' X 30' C.M. Inp. Remove O.K.
P. 15' X 40' C.M. (from 99+50)

x121+00 to 131+66 - Swamp Section

x125+00 to 131 - Grubbing on R.

x131+66 - Inp. 12' X 34' C.M. - Remove Cond. O.K.
P. 24" P₃

x131+86 - R. Inp. 12' X 24' V.P. Remove
P. 15' X 36' C.M.

+132+00 to 138+00 - Grubbing on L.

+143+90 - F.E. R. - P. 12' X 34' C.M. (from 131+66)

x 145+00 - 147+00 - Ch. & Gr. 10 Trees - L.

+149+00 - Inp. 12' X 40' V.P. - Remove
P. 24" P₃

+157+25-F.E.R.-P.12"x24'

+160+00-E.R.-P.12"x24'

+163+45-P.24"P₃

+167+32-F.E.-R.-No culv. Req.

+171+29-L.F.E. No culv. req.

+171+43-F.E.R.-P.12"x30'

+177+36-F.E.-R.-Inp.12"x28'-C.M. Remove & Replace

+182+14-F.E.-L.-Inp.12"x16'-V.P.-Leave

+183+00-Inp.10"x38'-V.P.-Remove
P.24"P₃

+186+10-F.E.-R.-Inp.12"x24'-V.P.-Leave

+187+88-Road-R.-P.12"x24'

+192+88-F.E.-R.-P.12"x30'

+194+70-F.E.-L.-No culv. Req.

- x 197+57 - F.E.-R. } Inp. 8" x 18' Remove
- } P- 12" x 40'
- x 197+80 F.E.-R. } Inp. 6" x 18' Remove

~~199+85 P-54" P₃~~

- x ~~200+90 F.E.-R.~~ Inp. 10" x 20' C.M. Leave

- x 201+40 - Inp. 24" x 46" V.P. - Remove.
- P- 24" - P₃

- x 203+00 - F.E.-R. - No culv. req.
- Plank crossing in place.

- x 210+94 - R. - 12" x 34' V.P. - Leave

- x 228+00 - P- 24" P₃

- x 231+42 - F.E.-L. No culv req.

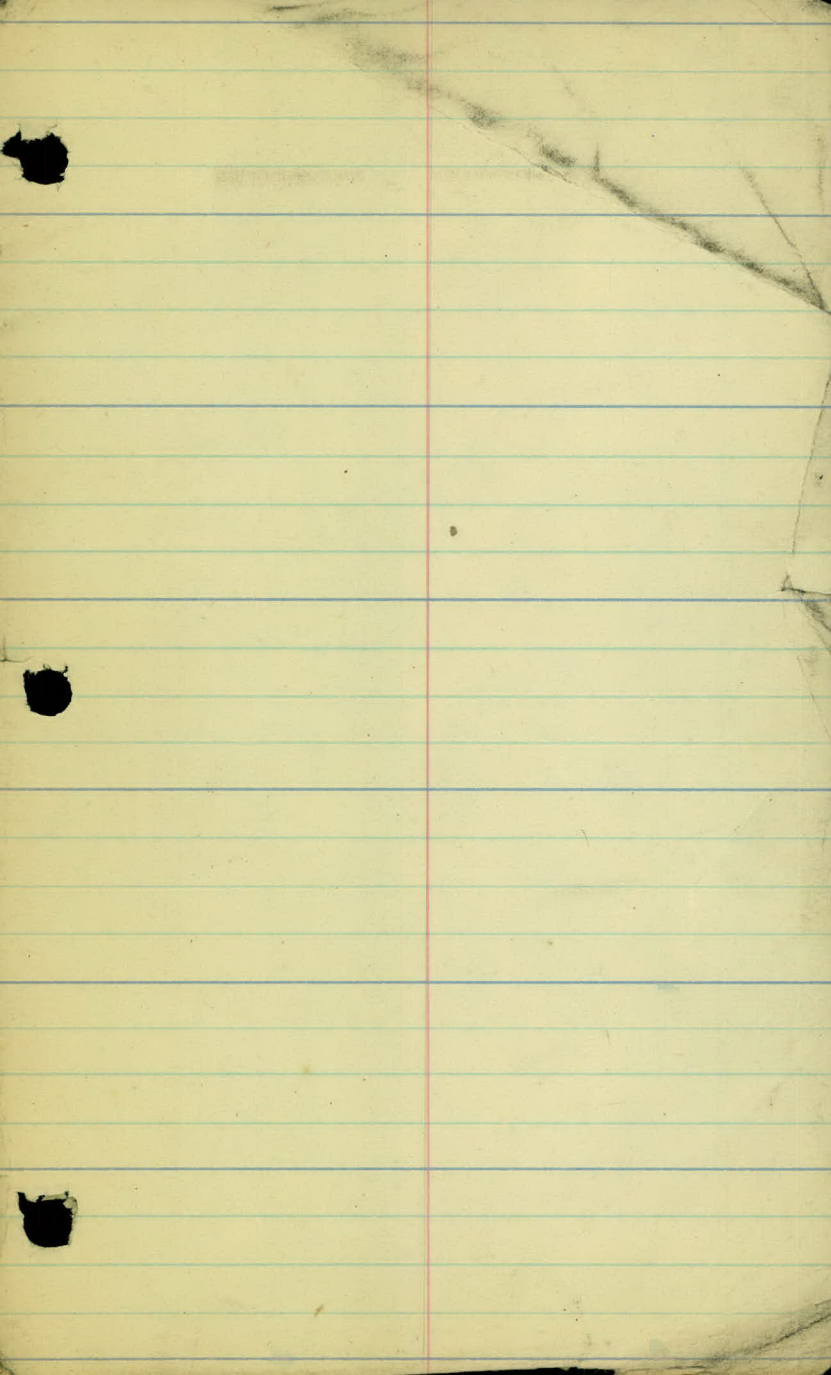
- x 231+60 - F.E.-R. - No culv req.

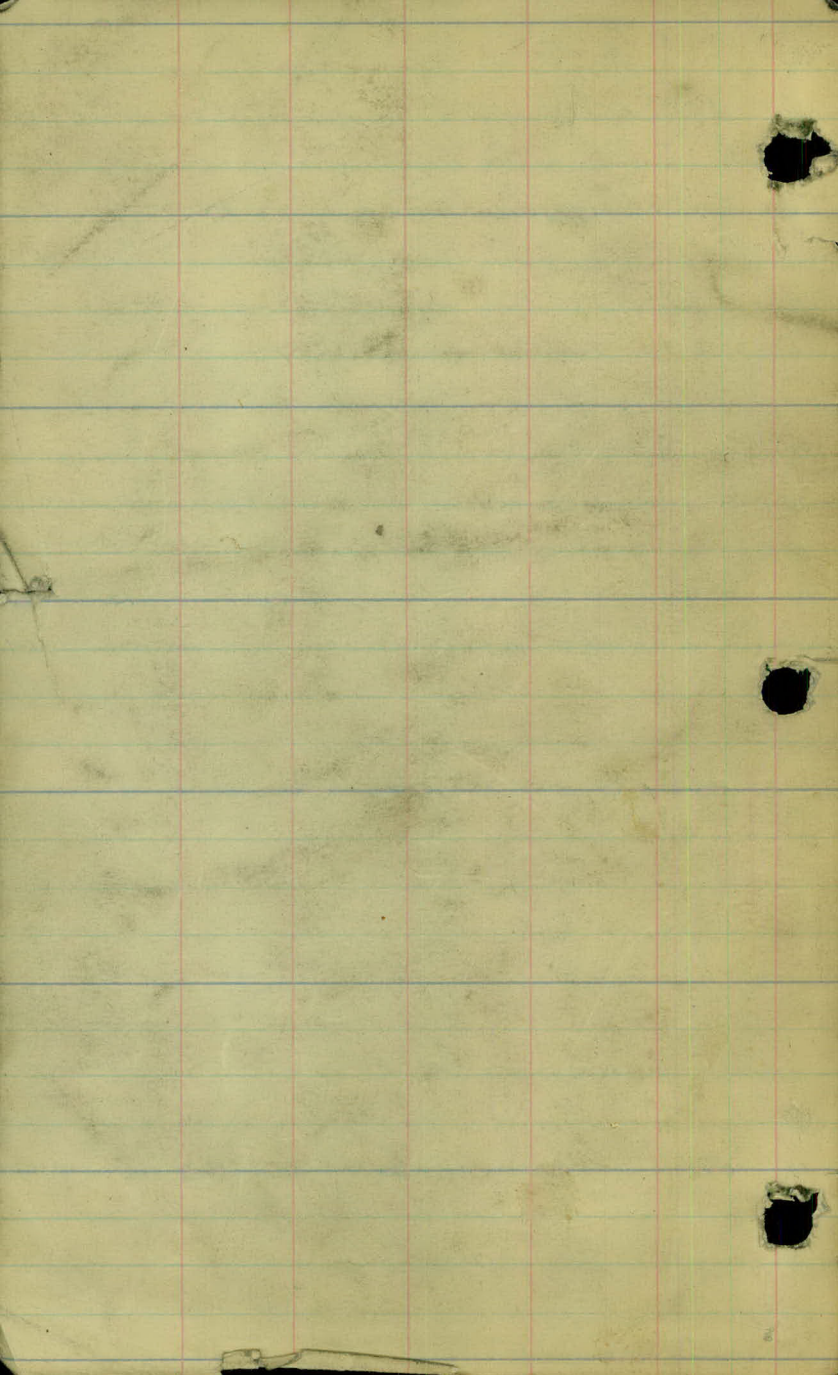
- x 237+25 - F.E.R. - P- 12" x 24'

- x 240+60 - 243+00 - Cl. Brush - on R.

- x 241+80 to 245+10 - Cl. Brush on L.
- x 243+75 - Inp. 10" x 34" V.P. Remove, P. 24' P₃
- x 250+10 - F.E.-L. P. 12" x 30'
- x 255+70 - F.E.-R. - P. 12" x 34'
- x 263+98 - F.E.-R. - P. 12" x 24'
- x 269+26 - L. P. 15" x 30'
- ~~276+00 - P. 24" P₃~~
- x 274 + 00 - Inp. 12" x 32' V.P. Leave
No Culv. Req.
- x 275+60 - F.E.-R & L. No Culv. req.
- x 283+20 - Inp. 36" x 28" C.M. Conc. Face Walls
Cond. O.K.
- x 285+83 - F.E.-R & L - No Culv. req.
- x 302+00 - Inp. 12" x 30" V.P. Remove
P. 24" P₃

Borrow to be open for
discussion





Road #3

Final X-Sections

Sta. 0+00 to 83+00

Sta. 122+00 to 134+00

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

Date Filed 12-5-24

File No. 913"

Sta	+	H.I.	-	R.R.	E/ev
B.M.	2.06	308.21 ✓			306.15 ✓

0				3.2	
---	--	--	--	-----	--

1				4.8	
---	--	--	--	-----	--

2				5.8	
---	--	--	--	-----	--

	+89			5.9	
--	-----	--	--	-----	--

3				5.7	
---	--	--	--	-----	--

	+22			6.3	
--	-----	--	--	-----	--

	R.R.	1.67	301.02 ✓	8.86	299.35 ✓
--	------	------	----------	------	----------

	+50			0.8	
--	-----	--	--	-----	--

4				2.3	
---	--	--	--	-----	--

	+45			3.5	
--	-----	--	--	-----	--

5				3.2	
---	--	--	--	-----	--

	+50			6.6	
--	-----	--	--	-----	--

4 4 17

Nail in 18" oak N.E. Cor. of L. R. E.

4.0/33 3.7/14 (34) 3.4/15 3.1/33

8.8/33 8.6/23 8.0/19 5.4/14 (48) 5.1/12 6.6/33

10.4/33 9.9/21 6.4/15 (58) 6.0/10 6.3/33

10.2/33 7.5/18 6.2/15 (59) 6.0/8 6.2/9 6.0/33

6.4/33 6.2/12 5.8/18 (57) 5.7/18 6.3/14 6.2/33

6.7/33 6.4/15 6.1/10 (63) 6.4/9 7.1/23 9.0/25 10.3/33

8.7/33 8.0/22 1.3/15 (68) 1.2/11 0.8/12 0.9/15 6.6/26 6.7/33

8.8/33 7.7/23 2.7/15 (23) 2.6/16 6.2/24 6.7/33

5.8/33 4.8/20 3.6/17 (36) 3.8/9 3.6/10 3.5/17 6.8/24 7.6/33

11.2/33 10.9/26 10.2/22 5.3/15 (51) 5.5/16 9.7/24 10.2/33

12.4/33 12.5/23 6.8/14 (65) 7.0/16 11.8/23 12.1/33

Sta + H.I. - R.R. Elev

301.02 ✓

6

8.5

T.P.

6.71

295.86 ✓

11.87

289.15 ✓

7

5.2

8

5.2

9

4.6

10

5.0

11

5.1

12

4.6

13

5.0

14

5.3

T.P.

4.67

295.93 ✓

4.60

291.26 ✓

15

5.2

16

4.8

B.M.

2.96

292.97

292.94

Lt Rt

13.9/33 13.3/22 8.7/15 (84) 8.9/15 13.6/24

Nail in T.P. Lt. sta 7 + 10

8.5/33 8.6/24 9.2/23 9.4/21 5.0/14 (53) 5.9/16 8.9/21 9.1/33

8.6/33 8.9/24 9.7/23 9.7/22 5.4/16 (52) 5.3/17 9.5/24 9.5/26 8.8/27 8.8/33

8.9/33 8.8/24 9.2/23 4.9/15 (47) 4.7/16 9.2/24 8.7/26 8.6/33

9.0/33 9.4/25 9.4/23 5.6/15 (51) 5.1/16 9.7/22 9.8/26 8.9/27 8.8/33

9.2/33 8.9/25 9.8/24 9.8/22 5.4/15 (51) 5.4/15 9.9/23 9.8/26 9.1/27 9.1/33

9.3/33 9.2/22 5.0/15 (47) 4.8/17 9.4/24 9.3/27 8.5/28 8.0/33

9.6/33 9.3/22 5.2/15 (51) 5.4/15 9.5/23 10.0/33

9.5/33 9.5/23 6.0/15 (54) 5.6/15 10.0/24 10.2/27 9.7/33

9.7/33 9.5/22 5.8/14 (52) 5.4/15 9.2/23 10.0/28 9.5/29 9.3/33

8.9/33 9.0/22 5.4/16 (49) 4.6/15 7.9/21 9.2/27 9.0/33

Spike in 12" elm 30' Rt sta 17 + 27

Sta + H.I. - R.R. Elev.

295.93

+62

4.4

17

4.2

+50

4.3

18

4.7

19

5.3

20

5.8

21

6.1

22

5.7

T.P.

8.81

300.84

3.90

292.03

23

9.4

24

8.1

+77

7.0

Lt 2 RT

6.3/33 6.6/26 7.9/23 7.7/21 4.8/15 (4.5) 5.0/15 5.7/19 8.9/25 6.1/28 5.7/31

3.7/33 3.6/29 8.1/22 7.7/20 4.4/14 (4.2) 4.8/21 6.4/24 3.9/29 3.2/33

6.7/33 6.6/24 7.8/21 4.3/16 (4.4) 4.7/10 4.3/14 5.7/20 7.9/22 8.0/25 4.9/21

8.6/33 8.1/21 4.9/15 (4.7) 4.6/16 8.9/24 8.8/26 7.9/28 7.9/33

9.2/33 9.1/25 9.3/21 5.8/15 (5.2) 5.5/16 9.3/23 9.4/26 8.7/28 8.5/33

9.2/33 9.2/24 10.1/22 10.1/21 6.4/15 (5.8) 6.0/15 10.1/23 10.0/25 9.3/26 9.2/33

8.9/33 9.1/21 6.2/16 (6.1) 6.2/15 10.1/24 10.2/25 9.4/26 9.2/33

8.5/33 8.6/29 9.4/23 9.0/20 5.8/16 (5.6) 5.8/17 9.2/24 9.2/33

12.4/33 12.4/24 12.9/23 12.7/22 9.5/16 (9.4) 9.5/16 13.6/23 13.8/33

10.0/33 10.9/23 8.7/19 8.5/17 8.1/16 (7.9) 7.8/15 10.5/21 11.1/33

10.7/33 10.9/19 7.2/15 (7.0) 7.1/18 8.7/22 8.7/33

Sta + H.I. - R.P. Elev
300.84 ✓

25 6.7 294.1

26 5.6 95.2

+30 5.2 95.6

+40 X road. 5.1 95.7

27 4.9 95.9

+30 5.1 95.7

28 5.1 95.7

29 4.6 96.2

30 4.4 96.4

T.P. 7.62 304.12 ✓ 4.34 296.50 ✓

31 6.5

+38 6.3

Lt 2 RV

9.9/33 9.3/20 7.1/17 (6.7) 6.9/18 7.9/21 7.6/25 6.7/27 6.1/33

4.1/33 3.8/26 6.4/23 6.5/16 5.8/15 (5.5) 5.5/18 6.3/20 6.5/22 3.7/33

4.1/33 4.1/26 5.6/23 5.3/14 (5.2) 5.2/17 5.5/19 5.0/23 3.8/24 2.1/33

4.8/33 5.2/18 (5.0) 5.0/14 4.5/24 3.0/33

X 7.1/33 6.9/19 5.4/15 (4.8) 5.1/16 X 6.5/19 6.0/27 2.5/31 3.3/33

9.4/33 9.4/26 8.5/20 5.3/15 (5.0) 5.2/15 6.9/19 7.0/25 5.9/33

10.9/33 9.9/23 5.6/16 (5.1) 5.4/16 9.4/24 9.7/33

10.9/33 10.9/25 5.9/15 (5.4) 4.9/16 9.1/23 9.5/33

9.0/33 8.7/22 4.8/15 (4.2) 4.6/16 7.1/21 5.8/33

12.0/33 11.4/25 6.9/17 (6.6) 6.6/15 7.4/18 7.1/33

9.4/33 8.7/24 8.0/20 6.4/17 (6.3) 6.3/15 7.4/17 7.4/21 6.5/33

Sta + H.I. ✓ - B.R. Elev
304.12

32 516 298.5

B.M. 301.53

33 512 98.9

+24 510 99.1

34 416 99.5

+60 417 99.4

35 416 99.5

+32 415 99.6

36 416

37 416

TP. 8.99 307.30 ✓ 5181 298.31 ✓

38 715

+77 711

LtLRt.

(5.7)

4.4/33 7.3/27 7.6/19 6.1/15 5.3/15 7.0/19 6.8/33

510. 1.2 12" oak 25' Lt. 32 + 15

5.4/33 5.5/30 6.9/27 6.9/17 5.5/15 (5.2) 5.3/16 7.2/20 6.8/33

(5.1)

5.4/33 4.6/31 6.6/26 6.6/17 5.6/16 5.3/15 6.8/18 7.1/26 6.6/33

(4.7)

(+2.5/32) 0.0/27 5.4/21 5.7/16 4.7/14 4.9/16 6.5/19 7.0/17 4.7

(4.8)

(+4.0/32) 0.0/27 5.1/21 5.5/16 4.8/15 4.8/16 7.2/19 8.3/33

(4.7)

(+3.2/33) 0.0/29 5.4/23 5.7/16 4.9/15 4.8/16 7.9/22 8.6/33

(4.6)

(+1.4/33) 0.0/30 5.9/22 6.3/17 4.7/15 4.7/16 8.4/23 8.8/33

(4.8)

6.9/33 7.9/19 5.0/17 4.6/16 9.1/23 9.4/33

(4.6)

9.3/33 9.9/22 5.0/15 4.5/15 9.2/23 9.2/28 10.0/29 10.9/33

(9.5)

11.3/33 10.4/19 8.0/15 7.4/16 12.1/25 12.0/30 9.6/33

13

8.5/33 8.0/27 9.2/24 9.6/19 7.5/16 6.9/13 7.7/16 7.9/21 10.8/23 10.7/29

Sta + HI - R.R. Elev
307.30 ✓

39 6.7 300.6

+67 6.3 01.0

40 6.0 01.3

41 5.3 02.0

42 4.2 03.1

B.M. 8.59 311.02 4.81 302.49 302.43 ✓

+47 7.4 03.6

43 6.7 04.3

+40 6.2 04.8

44 5.6 05.4

45 4.8 06.2

46 4.2 06.8

Lt Rt

8.6/33 8.0/27 9.1/25 9.2/19 7.4/16 (7.0) 6.7/13 7.2/15 7.2/20 10.6/23 10.6/29 3.5/34

7.3/33 7.4/29 8.6/28 8.6/20 6.4/15 (6.4) 6.8/19 10.3/23 10.3/29 6.5/33

5.4/33 5.6/30 8.4/27 8.4/21 6.2/17 (6.1) 6.1/16 7.7/19 8.7/33

9.2/33 9.3/26 8.0/20 5.3/15 (5.4) 5.2/15 9.8/22 10.4/33

5.2/33 5.9/29 7.2/27 7.2/23 5.4/18 4.3/15 (4.4) 4.7/15 9.0/22 9.9/33

5 p. 117 12" 0.0 R 30' Lt 42 + 0.6
4.4/33 9.5/25 9.6/19 7.5/15 (7.4) 7.8/15 11.9/22 12.6/33

0.8/34 8.7/25 8.2/18 7.9/16 (6.7) 7.1/13 9.8/19 11.0/33

1.5/36 8.4/26 8.4/18 6.4/15 (6.2) 6.2/14 6.8/17 7.6/18 8.5/28 5.6/33

4.9/33 4.6/27 7.4/24 7.3/18 5.7/15 (5.7) 5.7/16 6.7/19 7.3/27 4.0/33

5.6/33 5.4/27 7.0/25 6.8/18 4.7/15 (4.9) 4.8/12 6.0/16 7.5/33

4.9/33 5.0/26 6.1/25 6.2/21 5.3/16 4.3/15 (4.2) 4.3/11 4.7/15 4.8/33

Sta + H.I. - P.R. Elev

311.02

+13

3.9

307.1

47

3.3

07.7

48

2.3

08.7

49

0.2

10.8

T.P.

12.36 32 2.21

1.17

309.85

+25

10.4

11.8

50

7.8

14.4

+37

6.6

51

4.8

52

1.4

B.M.

2.05 320.16 320.16

+80

Lt. # RT.

(4.0)
3.9/33 3.8/27 6.8/24 5.8/18 4.3/15 4.2/9 4.2/33

(5.2)
8.9/33 8.7/26 3.4/15 3.1/17 8.3/26 8.6/33

(2.3)
6.9/33 6.3/23 2.5/16 2.4/15 8.5/25 9.0/33

(0.0)
2.4/33 2.3/23 0.7/15 0.1/17 4.9/25 5.3/33

(10.5)
11.0/33 11.4/26 12.4/24 12.2/18 10.7/16 10.2/15 13.4/22

(7.8)
(+0.5/33) 0.0/32 8.7/23 8.8/17 7.9/16 8.0/16 10.0/20 10.2/33

(6.6)
(+0.5/33) 0.0/32 7.8/24 7.8/17 6.9/16 6.8/16 9.1/21 9.3/33

(4.8)
6.2/33 5.9/26 6.5/24 6.4/18 5.0/16 4.7/14 6.6/16 7.0/24 6.3/25 6.5/33

(1.4)
3.9/33 2.9/20 1.5/17 1.6/14 2.9/15 3.1/23 1.7/24 1.9/33

Spike in 36" oak 35' Lt 52+10

To here 12/2/24

Party { Carley
Crane
Mahoney
Berthiaume

Station	+	H.I.	-	Rod.	Elev.
T.B.M.	11.12	331.28 ✓			320.16 ✓
52+80					
53+00					
+18					
54+00					
55+00					
T.P.	12.52	342.82 ✓	0.98	330.30 ✓	
56+00					
57+00					
58+00					
T.P.	12.48	354.11 ✓	1.19	341.63 ✓	
+67					
59+00					
+46					
60+00					
T.P.		✓	✓		✓
T.P.	12.73	362.38 ✓	14.46	349.65 ✓	

ht.

F

ht.

11-3-24

Splice in 30" Oak 35' ht. Sta 52+10

8.3	8.2	(8.0)	7.5	7.2
33.0	15.0	7.9	19.0	33.0

9.3	8.9	7.7	7.7	(7.4)	7.4	8.7	8.3
33.0	26.0	22.0	12.0	7.2	21.0	28.0	33.0

7.6	7.5	8.3	8.1	7.5	6.8	(6.9)	6.8	8.7	9.0	8.8	6.3	6.0
33.0	26.0	25.0	20.0	19.0	16.0	6.7	14.0	15.0	20.0	24.0	25.0	33.0

8.0	7.8	5.0	(4.5)	4.5	6.2	6.9	6.3	6.4
33.0	22.0	18.0	4.4	12.0	15.0	23.0	25.0	33.0

5.6	3.1	1.8	1.4	(1.3)	1.7	3.5	4.7
33.0	25.0	16.0	15.0	1.2	14.0	18.0	33.0

11.6	11.4	10.7	9.6	(9.5)	9.6	10.7	11.5	11.8
33.0	28.0	27.0	16.0	9.5	14.0	17.0	23.0	33.0

8.3	7.0	6.2	(5.9)	6.1	7.2	7.4	5.3	5.0
33.0	20.0	17.0	6.0	15.0	17.0	25.0	28.0	33.0

2.1	1.9	3.7	4.4	3.7	2.2	(1.8)	2.3	3.6	3.7	0.0
33.0	31.0	28.0	25.0	18.0	15.0	1.9	13.0	16.0	23.0	33.0

10.9	10.7	12.5	12.6	10.8	(10.3)	10.6	11.7	12.3	9.1	8.2
33.0	31.0	24.0	19.0	15.0	10.5	15.0	17.0	21.0	32.0	33.0

8.8	9.8	11.0	10.8	9.3	(8.9)	9.0	10.1	10.5	3.7
33.0	31.0	28.0	17.0	15.0	8.9	15.0	18.0	23.0	33.0

5.7	9.6	9.3	7.0	(7.1)	7.0	9.4	7.9	0.0
33.0	27.0	17.0	15.0	7.0	15.0	18.0	22.0	33.0

355.3	0.0	5.8	5.7	4.6	(4.5)	4.7	5.3	5.8	0.0	357.1
33.0	31.0	24.0	17.0	15.0	4.7	16.0	17.0	23.0	30.0	34.0

Station + H.I. - Rod Elev.

362.38 ✓

60 + 31

61 + 00

62 + 00

63 + 00

64 + 00

B.M. 11.60 372.12 ✓ 1.86 360.52 ✓ 52

+ 14

65 + 00

+ 40

66 + 00

+ 44

67 + 00

+ 64

68 + 00

At.

At.

$\frac{4.3}{33.0}$	$\frac{13.1}{23.0}$	$\frac{12.7}{17.0}$	$\frac{11.5}{16.0}$	$\frac{11.6}{11.7}$	$\frac{11.7}{16.0}$	$\frac{12.2}{17.0}$	$\frac{12.0}{23.0}$	$\frac{5.7}{33.0}$
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$\frac{4.6}{33.0}$	$\frac{4.7}{31.0}$	$\frac{12.4}{25.0}$	$\frac{10.6}{17.0}$	$\frac{9.2}{16.0}$	$\frac{9.3}{9.4}$	$\frac{9.5}{15.0}$	$\frac{10.7}{18.0}$	$\frac{10.7}{24.0}$	$\frac{5.7}{32.0}$	$\frac{5.7}{33.0}$
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$\frac{3.0}{33.0}$	$\frac{3.1}{34.0}$	$\frac{7.5}{26.0}$	$\frac{7.0}{18.0}$	$\frac{6.4}{16.0}$	$\frac{6.2}{6.3}$	$\frac{6.3}{17.0}$	$\frac{7.0}{20.0}$	$\frac{7.2}{27.0}$	$\frac{3.5}{32.0}$	$\frac{2.5}{33.0}$
--------------------	--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------	--------------------

$\frac{3.9}{33.0}$	$\frac{4.0}{30.0}$	$\frac{6.0}{27.0}$	$\frac{6.0}{19.0}$	$\frac{4.5}{15.0}$	$\frac{4.0}{4.1}$	$\frac{4.2}{17.0}$	$\frac{5.8}{21.0}$	$\frac{7.2}{33.0}$
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$\frac{0.2}{33.0}$	$\frac{0.3}{31.0}$	$\frac{3.8}{27.0}$	$\frac{4.0}{19.0}$	$\frac{2.4}{17.0}$	$\frac{2.1}{4.1}$	$\frac{2.3}{15.0}$	$\frac{3.8}{18.0}$	$\frac{4.3}{33.0}$
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Spin 4" Box Elder At Sta 64+60

$\frac{9.7}{33.0}$	$\frac{13.3}{27.0}$	$\frac{13.4}{19.0}$	$\frac{11.9}{17.0}$	$\frac{11.6}{11.5}$	$\frac{11.7}{16.0}$	$\frac{12.6}{17.0}$	$\frac{12.2}{33.0}$
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$\frac{7.0}{33.0}$	$\frac{7.3}{32.0}$	$\frac{11.9}{27.0}$	$\frac{11.9}{20.0}$	$\frac{10.2}{17.0}$	$\frac{10.0}{18.1}$	$\frac{10.6}{10.0}$	$\frac{12.0}{21.0}$	$\frac{12.3}{33.0}$
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$\frac{9.6}{33.0}$	$\frac{9.8}{29.0}$	$\frac{11.1}{25.0}$	$\frac{11.1}{20.0}$	$\frac{9.3}{17.0}$	$\frac{9.3}{9.2}$	$\frac{9.6}{14.0}$	$\frac{11.9}{17.0}$	$\frac{13.0}{33.0}$
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$\frac{9.7}{33.0}$	$\frac{10.6}{27.0}$	$\frac{9.9}{21.0}$	$\frac{8.4}{17.0}$	$\frac{7.9}{7.9}$	$\frac{8.2}{16.0}$	$\frac{8.7}{17.0}$	$\frac{9.0}{33.0}$
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$\frac{7.9}{33.0}$	$\frac{7.7}{27.0}$	$\frac{9.1}{26.0}$	$\frac{9.1}{25.0}$	$\frac{7.1}{22.0}$	$\frac{7.0}{7.0}$	$\frac{7.0}{12.0}$	$\frac{7.7}{18.0}$	$\frac{7.2}{25.0}$	$\frac{6.2}{28.0}$	$\frac{6.4}{33.0}$
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$\frac{1.4}{33.0}$	$\frac{7.3}{27.0}$	$\frac{7.1}{20.0}$	$\frac{5.8}{17.0}$	$\frac{5.8}{5.7}$	$\frac{6.1}{16.0}$	$\frac{6.7}{17.0}$	$\frac{7.1}{20.0}$	$\frac{6.6}{25.0}$	$\frac{1.1}{31.0}$	$\frac{1.2}{33.0}$
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$\frac{37.5}{33.0}$	$\frac{0.0}{28.0}$	$\frac{6.5}{22.0}$	$\frac{6.6}{19.0}$	$\frac{4.9}{15.0}$	$\frac{4.9}{4.9}$	$\frac{5.2}{15.0}$	$\frac{6.6}{16.0}$	$\frac{7.3}{23.0}$	$\frac{6.4}{28.0}$	$\frac{3.8}{33.0}$
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$\frac{37.5}{39.0}$	$\frac{1.0}{35.0}$	$\frac{7.6}{24.0}$	$\frac{7.5}{20.0}$	$\frac{5.3}{10.0}$	$\frac{5.0}{5.1}$	$\frac{5.3}{12.0}$	$\frac{7.5}{21.0}$	$\frac{7.3}{29.0}$	$\frac{5.4}{30.0}$	$\frac{5.1}{33.0}$
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Station + H.I - Rod Elev

372.12

68+80

69+00

+44

70+00

T.P. 5.39 366.28 11.23 360.89

+55

71+00

T.P. 5.28 359.43 12.13 354.15

72+00

73+00

T.P. 2.08 350.94 10.57 348.86

74+00

+54

75+00

+13

T.P. 0.40 339.61 11.73 339.21

H.

H.

11-3-24

H.

0.0	5.4	9.6	9.8	6.9	(6.5)	6.8	9.2	8.5	3.7	3.3
41.0	35.0	27.0	21.0	15.0	6.7	15.0	22.0	28.0	34.0	50.0
377.7	377.6									
46.0	30.0									

379.1	2.7	10.2	10.4	7.6	(7.1)	7.4	9.5	9.6	0.2	0.0
50.0	41.0	28.0	21.0	15.0	7.3	16.0	20.0	28.0	39.0	50.0

382.3	0.0	11.5	11.7	11.0	8.8	(8.5)	8.5	8.6	11.4	10.7	4.1	0.0
50.0	45.0	30.0	24.0	20.0	15.0	8.6	17.0	22.0	26.0	30.0	40.0	44.0
											379.6	
											50.0	

382.3	1.2	4.3	13.2	13.5	11.0	(10.8)	11.1	13.5	13.5	0.0	377.2
50.0	44.0	42.0	30.0	22.0	15.0	10.8	16.0	21.0	28.0	44.0	50.0

380.5	0.0	9.1	9.6	9.8	7.6	(7.4)	7.5	9.7	9.8	0.0	372.5
50.0	42.5	30.0	28.0	22.0	16.0	7.6	15.0	22.0	27.0	42.0	50.0

380.4	3.3	10.0	11.2	11.5	9.2	(9.4)	9.3	11.3	11.7	11.0	6.4	1.9
50.0	41.0	32.0	27.0	22.0	16.0	9.2	15.0	19.0	23.0	27.0	33.0	41.0
											376.2	
											50.0	

378.7	0.2	7.2	7.8	6.5	(6.6)	7.1	9.2	8.8	0.0	361.9	376.9
50.0	40.0	30.0	19.0	18.0	6.6	16.0	21.0	27.0	39.0	42.0	50.0

374.2	3.1	11.5	11.8	10.8	(11.3)	11.6	13.4	13.0	4.6	374.2
50.0	41.0	32.0	24.0	19.0	11.2	15.0	20.0	27.0	38.0	50.0

367.2	0.0	7.7	7.7	6.7	(7.3)	8.0	10.1	10.2	9.8	1.4	365.9
50.0	42.0	31.0	20.0	19.0	7.3	16.0	21.0	23.0	26.0	38.0	50.0

361.1	0.0	10.2	10.4	9.5	(10.1)	10.2	12.4	12.6	11.7	0.0	353.1
50.0	45.0	32.0	20.0	18.0	9.8	15.0	20.0	22.0	25.0	38.0	40.0

2.2	13.5	12.7	11.7	(12.1)	12.5	13.7	13.4	9.8	9.8
33.0	24.0	20.0	18.0	12.0	18.0	20.0	25.0	32.0	33.1

5.8	6.8	12.8	13.1	12.4	(12.8)	13.2	15.2	16.9
33.0	22.0	23.0	20.0	17.0	12.7	18.0	26.0	33.0

Station + H.I. - Rod Elev.

339.61

75+50

B.M.

3.36 { 336.25 ✓
336.27

76+00

77+00

✓

T.P. 0.61 328.00 12.22 327.39 ✓

+64

78+00

+56

✓

T.P. 0.27 322.45 5.82 322.18 ✓

79+00

+06

+25

+49

80+00

81+00

H.

#

R.

2.2	2.1	5.3	2.8	(3.1)	3.5	11.9
33.0	31.0	27.0	19.0	3.2	22.0	33.0

Nail in 8" Oak ht. 75+60

15.4	5.4	(5.6)	5.9	16.5
38.0	25.0	5.6	21.0	36.0

25.1	10.3	(10.2)	10.3	16.7
42.0	22.0	10.1	22.0	32.0

9.6	1.4	(1.1)	1.4	12.4
36.0	24.0	0.9	21.0	39.0

6.9	7.2	2.6	(2.6)	3.1	12.0	20.5
33.0	31.0	24.0	2.5	21.0	32.0	46.0

10.0	5.8	(5.6)	6.0	13.0	26.0
38.0	23.0	5.0	21.0	32.0	51.0

Nail in T.P. ht. Sta 78+86.0

17.8	13.0	1.0	(1.0)	1.4	2.8
42.0	35.0	78.0	1.0	12.0	33.0

19.0	13.0	1.0	(1.2)	1.8	3.0
44.0	35.0	19.0	1.2	13.0	33.0

23.5	13.0	1.8	(2.0)	2.5	3.7
49.0	35.0	19.0	2.0	18.0	33.0

27.0	26.0	13.0	3.7	(3.0)	3.8	7.0	5.9	12.6
54.0	53.0	34.0	20.0	3.0	23.0	32.0	35.0	58.0

36.2	20.0	13.0	5.3	(4.7)	5.1	12.5	20.6
57.0	50.0	32.0	22.0	4.6	24.0	35.0	45.0

30.1	24.5	13.0	6.3	(5.6)	5.7	15.9
54.0	44.0	28.0	19.0	5.5	23.0	40.0

Station	+	H.I.	-	Rod Elev.
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322.45 ✓

81+34

82+00

+24

83+00

B.M.	2.94	282.34 ✓		279.40
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T.P.	0.53	269.94 ✓	12.93	269.41 ✓
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T.P.	1.05	258.87 ✓	12.12	257.82 ✓
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122+00

123+00

124+00

125+00

T.P.	4.84	257.47 ✓	6.24	251.63 ✓
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126+00

H.

E

H.

$\frac{31.2}{53.0}$	$\frac{25.3}{45.0}$	$\frac{13.0}{29.0}$	$\frac{5.8}{18.0}$	(5.4) 5.1	$\frac{5.2}{23.0}$	$\frac{10.8}{33.0}$
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$\frac{14.0}{33.0}$	$\frac{13.7}{32.0}$	$\frac{4.6}{19.0}$	(4.3) 4.3	$\frac{4.6}{21.0}$	$\frac{5.8}{23.0}$	$\frac{6.0}{27.0}$	$\frac{1.1}{33.0}$
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$\frac{9.6}{33.0}$	$\frac{9.8}{26.0}$	$\frac{4.7}{19.0}$	(4.1) 4.1	$\frac{4.5}{20.0}$	$\frac{5.3}{23.0}$	$\frac{4.9}{27.0}$	$\frac{0.0}{32.0}$	$\frac{323.5}{33.0}$
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$\frac{1.7}{33.0}$	$\frac{1.8}{30.0}$	$\frac{4.7}{26.0}$	$\frac{4.7}{20.0}$	$\frac{3.6}{19.0}$	3.1	$\frac{3.4}{20.0}$	$\frac{4.1}{22.0}$	$\frac{8.6}{26.0}$	$\frac{0.0}{30.0}$	$\frac{325.8}{32.0}$
										$\frac{325.5}{33.0}$

spike in 30" Pop. 113+85

$\frac{6.8}{33.0}$	$\frac{6.9}{19.0}$	$\frac{5.0}{15.0}$	(5.0) 5.2	$\frac{6.5}{17.0}$	$\frac{6.7}{19.0}$	$\frac{6.7}{33.0}$
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$\frac{7.3}{38.0}$	$\frac{7.3}{23.0}$	$\frac{7.2}{18.0}$	$\frac{5.2}{15.0}$	(5.2) 5.3	$\frac{5.5}{18.0}$	$\frac{6.9}{19.0}$	$\frac{6.9}{21.0}$	$\frac{5.9}{24.0}$	$\frac{6.8}{27.0}$	$\frac{6.8}{33.0}$
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$\frac{6.8}{33.0}$	$\frac{6.8}{23.0}$	$\frac{6.6}{18.0}$	$\frac{5.3}{16.0}$	(5.1) 5.2	$\frac{5.7}{17.0}$	$\frac{6.5}{19.0}$	$\frac{5.5}{21.0}$	$\frac{7.1}{26.0}$	$\frac{6.9}{33.0}$
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$\frac{7.7}{33.0}$	$\frac{7.7}{25.0}$	$\frac{7.7}{17.0}$	$\frac{6.3}{15.0}$	(6.1) 6.1	$\frac{6.1}{17.0}$	$\frac{7.2}{19.0}$	$\frac{6.5}{24.0}$	$\frac{7.7}{33.0}$
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$\frac{4.7}{33.0}$	$\frac{6.7}{24.0}$	$\frac{6.7}{14.0}$	$\frac{5.4}{13.0}$	$\frac{5.3}{9.0}$	(5.2) 5.2	$\frac{5.3}{20.0}$	$\frac{6.3}{22.0}$	$\frac{6.4}{23.0}$	$\frac{6.3}{33.0}$
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Station + H.I. - Rod. Elev
257.47✓

127+00

128+00

129+00

130+00

131+00 ✓

B.M. 4.99 257.37 5.09 252.38 ✓
+ 86

132+00

133+00

134+00

ht.

2

RH.

$\frac{6.8}{33.0}$	$\frac{6.8}{24.0}$	$\frac{6.8}{17.0}$	$\frac{5.9}{11.0}$	$\frac{5.2}{8.0}$	(53) $\frac{5.3}{5.3}$	$\frac{5.2}{15.0}$	$\frac{5.7}{22.0}$	$\frac{6.4}{33.0}$
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$\frac{6.8}{33.0}$	$\frac{6.8}{19.0}$	$\frac{6.8}{14.0}$	$\frac{5.9}{10.0}$	$\frac{5.2}{8.0}$	(50) $\frac{5.1}{5.1}$	$\frac{5.2}{17.0}$	$\frac{6.1}{21.0}$	$\frac{5.7}{22.0}$	$\frac{6.5}{33.0}$
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$\frac{6.6}{33.0}$	$\frac{6.8}{17.0}$	$\frac{5.3}{9.0}$	$\frac{5.0}{8.0}$	(48) $\frac{4.9}{4.9}$	$\frac{4.9}{15.0}$	$\frac{6.0}{21.0}$	$\frac{5.3}{24.0}$	$\frac{6.5}{28.0}$	$\frac{6.5}{33.0}$
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$\frac{7.1}{33.0}$	$\frac{7.1}{20.0}$	$\frac{7.1}{15.0}$	$\frac{5.6}{10.0}$	(51) $\frac{5.1}{5.1}$	$\frac{5.6}{19.0}$	$\frac{6.4}{20.0}$	$\frac{5.8}{26.0}$	$\frac{6.8}{33.0}$
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$\frac{7.3}{33.0}$	$\frac{7.3}{20.0}$	$\frac{7.3}{16.0}$	$\frac{6.4}{13.0}$	(57) $\frac{5.8}{5.8}$	$\frac{6.0}{17.0}$	$\frac{6.8}{18.0}$	$\frac{7.0}{24.0}$	$\frac{6.0}{25.0}$	$\frac{7.0}{33.0}$
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spike in T.P. 15' ht. 540/30+70

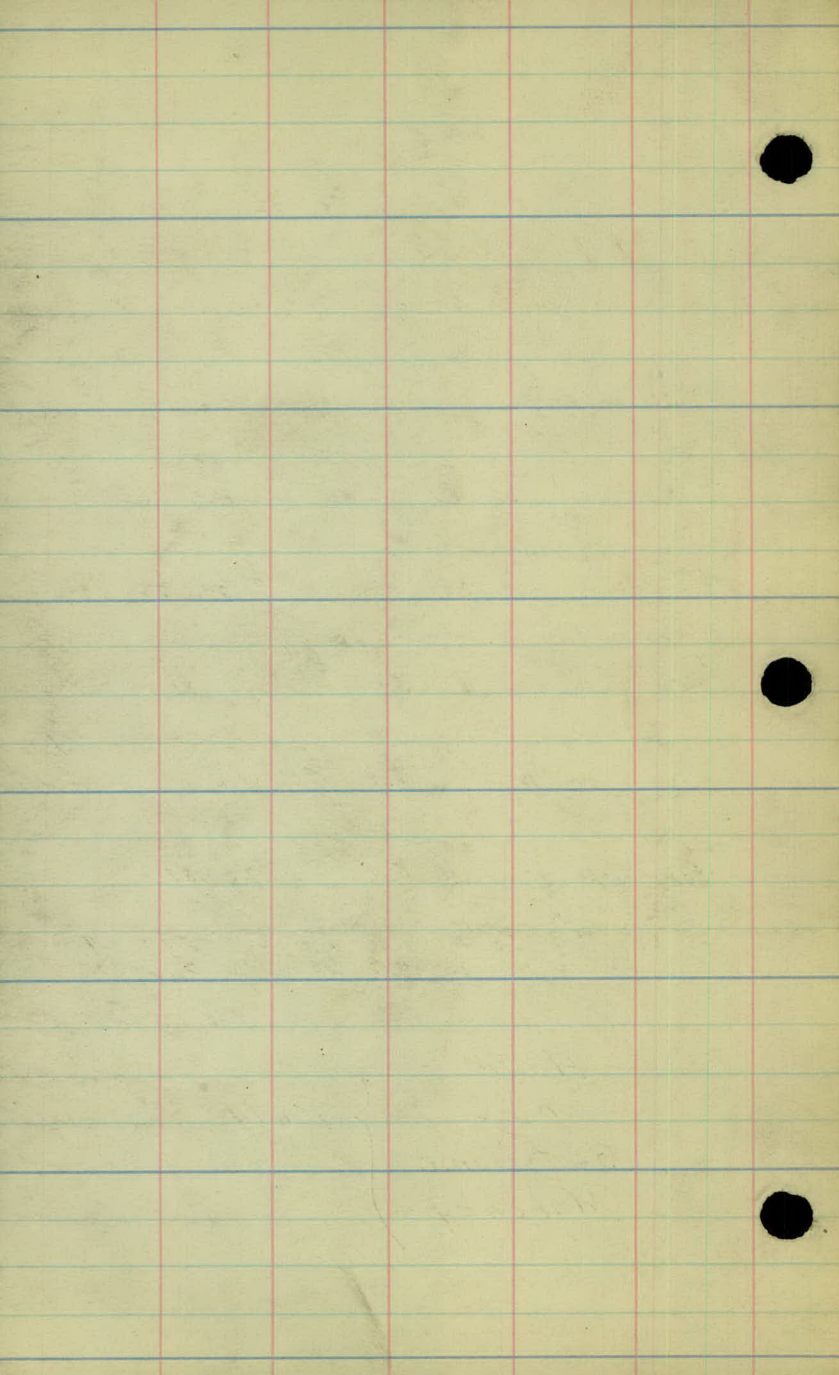
$\frac{7.5}{33.0}$	$\frac{7.1}{14.0}$	$\frac{5.7}{10.0}$	$\frac{6.0}{8.0}$	$\frac{5.6}{6.0}$	(52) $\frac{5.2}{5.2}$	$\frac{5.6}{16.0}$	$\frac{5.2}{27.0}$	$\frac{5.3}{33.0}$
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$\frac{6.9}{33.0}$	$\frac{6.8}{13.0}$	$\frac{5.8}{12.0}$	$\frac{5.9}{7.0}$	(53) $\frac{5.5}{5.5}$	$\frac{5.8}{18.0}$	$\frac{5.5}{33.0}$
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$\frac{6.9}{33.0}$	$\frac{6.7}{17.0}$	$\frac{5.7}{13.0}$	$\frac{5.5}{10.0}$	(49) $\frac{5.1}{5.1}$	$\frac{5.2}{14.0}$	$\frac{6.1}{17.0}$	$\frac{6.9}{33.0}$
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$\frac{6.5}{33.0}$	$\frac{6.5}{15.0}$	$\frac{5.5}{14.0}$	$\frac{4.6}{10.0}$	(44) $\frac{4.3}{4.3}$	$\frac{4.7}{15.0}$	$\frac{6.1}{19.0}$	$\frac{5.7}{27.0}$	$\frac{6.9}{33.0}$
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Austin	}	Panty
Crane		
Berthiaume		
Mahoney.		



Road # 3.

Lexington Ave.

Final x sections from
Sta. 83+00 to Sta. 210+93⁵.

Office of Ramsey Co. Engineer	
ST. PAUL, MINN.	
Date Filed	
File No. "13"	Rd. #3

579.	+	H.I.	-	E/104.
B.M.	1.43	337.73		336.30
T.P.	1.33	327.97	11.09	326.64
T.P.	7.07	325.31	9.73	318.24
83				6.0 319.3
84				5.0 320.3
85				5.1 320.2
+80				4.8 320.5
86				4.8 320.5
+41				4.7 320.6
87				4.6 320.7
88				4.2 321.1
T.P.	3.67	324.74	4.14	321.05
89				4.0 320.7
90				4.7 320.0
B.M.				7.55 317.19
91.				4.8 319.9
92				5.0 319.7

Nail in 8" Maple 40' Lt. Sta 75 + 55.

Lt.

Rt.

(5.9)
 $\frac{4.5}{33} \quad \frac{4.6}{30} \quad \frac{7.5}{26} \quad \frac{7.5}{21} \quad \frac{6.5}{19} \quad \frac{6.0}{20} \quad \frac{6.7}{22} \quad \frac{6.5}{26} \quad \frac{0.0}{33.1}$

$\frac{5.7}{19}$
 $\frac{4.2}{33} \quad \frac{4.4}{26} \quad \frac{6.0}{24} \quad \frac{4.9}{18} \quad \frac{5.1}{19} \quad \frac{6.0}{22} \quad \frac{6.1}{26} \quad \frac{4.2}{29} \quad \frac{3.7}{33}$

5.1 ✓
 $\frac{4.0}{33} \quad \frac{4.6}{27} \quad \frac{5.7}{24} \quad \frac{5.7}{19} \quad \frac{5.2}{17} \quad \frac{5.2}{17} \quad \frac{6.7}{22} \quad \frac{6.9}{33}$

4.7 ✓
 $\frac{4.6}{33} \quad \frac{4.6}{29} \quad \frac{6.2}{24} \quad \frac{6.0}{19} \quad \frac{5.0}{17} \quad \frac{4.9}{14} \quad \frac{6.1}{17} \quad \frac{4.4}{21} \quad \frac{6.2}{23} \quad \frac{7.4}{28} \quad \frac{2.3}{33}$

4.7 ✓
 $\frac{4.3}{33} \quad \frac{4.6}{27} \quad \frac{6.2}{25} \quad \frac{6.0}{20} \quad \frac{5.1}{18} \quad \frac{5.0}{14} \quad \frac{5.7}{17} \quad \frac{5.9}{22} \quad \frac{4.0}{24} \quad \frac{4.9}{33}$

4.6 ✓
 $\frac{5.3}{33} \quad \frac{5.3}{27} \quad \frac{6.3}{25} \quad \frac{6.1}{20} \quad \frac{5.2}{17} \quad \frac{4.9}{14} \quad \frac{5.5}{16} \quad \frac{5.0}{21} \quad \frac{1.7}{25} \quad \frac{2.1}{33}$

4.7 ✓
 $\frac{6.4}{33} \quad \frac{4.3}{26} \quad \frac{6.7}{25} \quad \frac{6.4}{20} \quad \frac{4.9}{16} \quad \frac{5.0}{14} \quad \frac{5.5}{16} \quad \frac{5.5}{23} \quad \frac{3.6}{25} \quad \frac{3.4}{33}$

4.3 ✓
 $\frac{5.2}{33} \quad \frac{4.9}{27} \quad \frac{5.8}{25} \quad \frac{5.9}{21} \quad \frac{4.2}{17} \quad \frac{4.2}{16} \quad \frac{4.8}{18} \quad \frac{4.9}{23} \quad \frac{3.5}{25} \quad \frac{3.4}{33}$

3.9 ✓
 $\frac{5.5}{33} \quad \frac{5.3}{31} \quad \frac{5.5}{19} \quad \frac{4.2}{17} \quad \frac{4.9}{14} \quad \frac{6.5}{21} \quad \frac{6.5}{33}$

4.6 ✓
 $\frac{6.7}{33} \quad \frac{6.9}{20} \quad \frac{5.3}{17} \quad \frac{5.0}{13} \quad \frac{5.0}{14} \quad \frac{5.5}{18} \quad \frac{8.1}{23} \quad \frac{8.5}{33}$

Nail in T.P. Rt. Sta. 90 + 00. (Set 8/11/24)

$\frac{8.6}{33} \quad \frac{8.3}{24} \quad \frac{5.4}{18} \quad \frac{5.0}{15} \quad \frac{4.8}{13} \quad \frac{5.2}{19} \quad \frac{8.1}{24} \quad \frac{8.2}{33}$

4.8 ✓
 $\frac{10.1}{33} \quad \frac{9.6}{23} \quad \frac{6.1}{18} \quad \frac{5.2}{13} \quad \frac{5.0}{14} \quad \frac{5.7}{19} \quad \frac{8.7}{24} \quad \frac{8.6}{33}$

Sta.	+	H.I.	-	Red.	Elev.
93		324.74		4.9	319.8
94				5.0	319.7
T.P.	7.05	324.63	5.14	319.58	
+58				6.9	319.7
95				7.0	319.4
+13				7.1	319.5
+27				7.2	319.4
96				7.8	318.8
+41				8.4	318.0
97				9.8	316.8
T.P.	11.97	333.08	5.52	321.11	
95					
+13					
+27					
94					

$$\begin{array}{r} \text{Lt.} \\ 108 \quad 10.0 \quad 6.4 \quad 5.6 \quad 4.7 \\ \hline 33 \quad 23 \quad 18 \quad 13 \end{array} \quad \begin{array}{r} \text{Rt.} \\ 4.9 \quad 5.4 \quad 6.9 \quad 6.5 \\ \hline 15 \quad 21 \quad 24 \quad 33 \end{array}$$

$$\begin{array}{r} 8.8 \quad 7.7 \quad 5.8 \quad 5.5 \quad 4.8 \\ \hline 33 \quad 22 \quad 18 \quad 15 \end{array} \quad \begin{array}{r} 4.7 \quad 5.5 \quad 5.6 \quad 5.0 \\ \hline 17 \quad 20 \quad 23 \quad 33 \end{array}$$

$$\begin{array}{r} 7.8 \quad 7.2 \quad 8.5 \quad 8.2 \quad 7.5 \quad 6.9 \\ \hline 33 \quad 29 \quad 27 \quad 22 \quad 20 \end{array} \quad \begin{array}{r} 6.6 \quad 6.9 \quad 7.3 \quad 7.2 \quad 4.0 \quad 3.3 \\ \hline 11 \quad 14 \quad 15 \quad 21 \quad 26 \quad 33 \end{array}$$

$$\begin{array}{r} 4.3 \quad 4.5 \quad 7.9 \quad 8.0 \quad 7.3 \quad 7.0 \\ \hline 33 \quad 30.6 \quad 27 \quad 22 \quad 19 \end{array} \quad \begin{array}{r} 6.7 \quad 6.9 \quad 7.3 \quad 6.8 \\ \hline 13 \quad 15 \quad 16 \quad 22 \end{array}$$

$$\begin{array}{r} 7.0 \quad 7.0 \quad 7.1 \quad 7.0 \\ \hline 33 \quad 27 \quad 17 \end{array} \quad \begin{array}{r} 6.8 \quad 7.4 \quad 7.1 \\ \hline 14 \quad 16 \quad 21 \end{array}$$

$$\begin{array}{r} 2.5 \quad 7.3 \quad 7.6 \quad 7.4 \quad 7.1 \\ \hline 33.3 \quad 28 \quad 10 \quad 17 \end{array} \quad \begin{array}{r} 7.1 \quad 7.2 \quad 7.7 \quad 7.3 \\ \hline 11 \quad 15 \quad 16 \quad 22 \end{array}$$

$$\begin{array}{r} 4.3 \quad 4.8 \quad 9.7 \quad 9.4 \quad 8.6 \quad 8.3 \quad 7.8 \\ \hline 33 \quad 32.5 \quad 27 \quad 22 \quad 20 \quad 17 \end{array} \quad \begin{array}{r} 7.8 \quad 8.6 \quad 8.3 \\ \hline 15 \quad 16 \quad 21 \end{array}$$

$$\begin{array}{r} 8.6 \quad 8.7 \quad 8.8 \quad 8.5 \\ \hline 33 \quad 30 \quad 22 \end{array} \quad \begin{array}{r} 8.4 \quad 9.2 \quad 8.8 \\ \hline 15 \quad 16 \quad 22 \end{array}$$

$$\begin{array}{r} 9.6 \quad 9.6 \quad 11.7 \quad 11.4 \quad 10.2 \quad 9.7 \\ \hline 33 \quad 31.4 \quad 29 \quad 24 \quad 22 \end{array} \quad \begin{array}{r} 9.5 \quad 10.4 \quad 10.0 \quad 4.1 \quad 3.6 \\ \hline 15 \quad 17 \quad 22 \quad 30 \quad 33 \end{array}$$

On Top of Mail Box.

$$13.5 \quad \begin{array}{r} 6.1 \\ \hline 29 \end{array} \quad \begin{array}{r} 5.8 \\ \hline 33 \end{array}$$

$$13.5 \quad \begin{array}{r} 4.5 \\ \hline 31.3 \end{array} \quad \begin{array}{r} 4.2 \\ \hline 33 \end{array}$$

$$13.6 \quad \begin{array}{r} 2.9 \\ \hline 32.4 \end{array} \quad \begin{array}{r} 2.9 \\ \hline 33 \end{array}$$

$$14.3 \quad \begin{array}{r} 1.4 \\ \hline 32.4 \end{array} \quad \begin{array}{r} 1.4 \\ \hline 33 \end{array}$$

Sta.	+	H.I.	-	Red.	Elev.
		333.08			
96 + 41					
T.P.	0.36	321.47	11.97	321.11	
97 + 69				6.0	315.5
98				6.7	314.8
99				8.4	313.1
T.P.	3.35	314.99	9.83	311.44	
100				3.3	311.7
101				4.0	311.0
102				4.5	310.5
103.				5.2	309.8
104				5.3	309.7
105				5.5	309.5
+ 38				5.0	310.0
B.M.	2.05	313.49	3.55	311.44	
+ 52				3.5	310.0
+ 70				3.9	

Lt.

Rt.

4

15.0[✓]4.0
31.73.9
33

On Top of Mail Box

9.4	9.2	8.9	6.9	6.4	5.7 [✓]	5.7	6.1	7.0	7.1	6.5	5.8
33	30	25	22	20		14	16	17	22	24	33

11.2	10.0	7.4	6.7 [✓]	6.4	8.4	8.4
33	26	21		17	23	33

12.8	12.1	9.2	8.7	8.3	10.1	9.7
33	16	21	13	18	22	33

7.7	6.7	4.3	3.8	3.5	3.8	5.0	5.0	3.9	3.4
33	26	22	17	13	15	18	23	29	33

8.5	7.7	5.0	4.4	3.5	4.5	4.5	2.1	1.7
33	26	21	17	14	16	23	27	33

7.4	6.7	5.5	4.8	4.3	5.5	5.3	3.0	2.4
33	23	20	15	15	17	24	28	33

7.7	7.3	5.6	5.0	5.9	5.6	3.4	2.8
33	22	17	15	17	23	29	33

5.9	6.1	7.0	7.1	5.8	5.0	6.1	5.8	2.8	2.3
33	27	26	21	18	15	17	25	29	33

7.7	7.7	8.1	7.5	5.7	5.5	6.2	6.0	4.6	3.9
33	27	26	19	16	16	17	26	29	33

6.2	5.8	5.4	5.1	5.4	5.7	4.6
33	27	12	16	22	29	33

Nail in T.R. Rt. Stg, 105 + 20 (Set 8/11/24)

5.0	4.6	4.1	3.5	3.6	3.5
50	33	25	17	33	30

5.8	5.2	4.4	4.2	4.2	3.8
33	26	15	20	26	33

Sta.	+	H.I. ✓	-	Red.	Elev.
		313.49			
106				4.6	308.9
+35				5.1	308.4
107				6.3	307.2
108				9.4 ✓	304.1
T.P.	0.73	305.42 ✓	8.80	304.69	
+62				3.3	302.1
109				4.9	300.5
+50				6.9	298.5
110				8.6	296.8
+28				9.9 ✓	295.5
T.P.	6.50	301.10 ✓	10.82	294.60	
+75				7.3	293.8
111				8.3	292.8
+65				10.9 ✓	290.2
T.P.	0.84	290.77 ✓	11.19	289.91	
112				1.7	289.1

44.

47.

3.1 5.2 5.7 5.7 5.2 4.8
33 27.3 24 19 18 13

4.6 5.5 5.2 2.1 1.9
18 20 24 31.3 33

46.4

1.9 2.1 6.0 6.2 5.4 5.3
33 26.8 23 19 17 10

52.4

5.3 6.4 6.1 2.2 2.2
16 18 25 30 33

4.7 4.6 7.4 7.3 6.4 6.4
33 25 21 18 14 8

6.3

6.6 4.8 7.6 7.4 4.5 4.6
8 15 18 24 29.3 33

9.4

8.6 8.3 10.6 10.6 9.6 9.5
33 24.9 22 18 15 9

9.7 9.7 10.6 11.0 9.7 9.5
10 17 19 24 28.9 33

3.3

4.6 4.6 5.2 5.1 3.4 3.3
33 23 22 18 14 9

3.4 3.9 5.4 5.5 4.7 4.8
10 17 19 24 28 33

4.8

6.4 6.6 7.4 7.3 5.3 5.0
33 23 22 20 14 9

5.0 5.7 7.2 8.3
10 19 21 33

3

10.3 9.6 9.8 9.6 7.6 7.1
33 23 22 20 14 9

6.8

7.1 7.6 10.0 10.3
11 18 23 33

8.5

10.3 9.4 8.7
33 20 9

8.8 9.3 10.4 10.4 9.1 9.3
11 19 22 23 24.4 33

9.9

10.5 10.9 12.1 12.1 10.5 10.0
33 25 20 19 14 9

9.8 9.2
11 33

7.3

6.0 6.5 7.5 8.7 8.7 7.8 7.4
33 26.5 24.8 21 17 15 9

7.7 7.8 8.5 8.5 4.4 4.3
10 15 19 22 28.9 33

8.3

6.1 6.8 7.4 7.6 8.4 8.7
33 26.1 23 18 14 8

8.4 8.7 9.6 9.6 6.1 6.1
10 14 17 20 24.6 33

10.9

4.9 5.1 11.8 11.7 10.7
33 28.4 21 18 14

11.1 11.6 12.3 12.3 11.4 11.1
11 14 18 23 25 33

On stump.

11.6

2.6 2.6 1.6 2.0 2.3 3.3 3.5 1.5 3.1
22 18 14 11 15 18 22 25.6 33

Sta.	+	H.I. ✓	-	Red.	Elev.
		290.77			
+05				1.9	288.9
+35				3.0	287.8
+51				3.4	287.2
113				5.7	285.1
+69				8.6	282.2
114				7.7	280.9
B.M.			11.31	279.46 ✓	279.41
T.P.	11.21	301.12 ✓		289.91 ✓	
112					
+05					
+35					
+51					
113					
+69					
114					
T.P.			11.21	289.91 ✓	

L4.

R4

6

2.7	2.9	1.8	(1.9)	2.2	2.5	3.5	3.5	1.5	2.5
<u>24</u>	<u>19</u>	<u>17</u>		<u>12</u>	<u>15</u>	<u>18</u>	<u>23</u>	<u>26.2</u>	<u>33</u>

1.3	3.5	3.8	2.7	(2.9)	3.3	3.6	4.7	4.9	1.7	2.3
<u>273</u>	<u>24</u>	<u>19</u>	<u>14</u>		<u>12</u>	<u>16</u>	<u>18</u>	<u>22</u>	<u>25.6</u>	<u>33</u>

3.8	4.4	3.4	3.4	(3.5)	3.9	4.2	5.3	5.4	2.5	2.5
<u>24</u>	<u>18</u>	<u>14</u>	<u>8</u>		<u>11</u>	<u>16</u>	<u>18</u>	<u>22</u>	<u>25.7</u>	<u>33</u>

5.8	4.2	5.2	(5.7)	5.9	6.4	7.0	7.5	5.5	5.7
<u>24</u>	<u>18</u>	<u>14</u>		<u>11</u>	<u>15</u>	<u>17</u>	<u>23</u>	<u>25.5</u>	<u>33</u>

9.2	9.3	8.7	(8.6)	9.2	10.3	10.6	10.5	11.0	10.8
<u>21</u>	<u>18</u>	<u>15</u>		<u>14</u>	<u>18</u>	<u>22</u>	<u>23</u>	<u>26</u>	<u>33</u>

10.7	11.0	10.1	9.8	(10.0)	10.4	11.2	13.1	14.0
<u>21</u>	<u>17</u>	<u>15</u>	<u>9</u>		<u>14</u>	<u>18</u>	<u>22</u>	<u>33</u>

Spk. in 30" Poplar 30' R4 Sta. 113+85.
on stump.

4.0	3.9	(12.0)
<u>33</u>	<u>31</u>	

9.5	9.9	(12.2)
<u>33</u>	<u>263</u>	

10.5
<u>33</u>

3.9	3.7	(13.8)
<u>33</u>	<u>31.6</u>	

5.1	5.1	(16.0)
<u>35</u>	<u>33</u>	

6.9	7.1	(18.9)
<u>33</u>	<u>31.5</u>	
8.9	8.9	(20.3)
<u>35</u>	<u>33</u>	

On stump.

Sta.	+	H.I.	-	Red.	Elev.
B.M.	1.20	281.21		279.41	
115				4.8	276.4

+29

T.P.	1.69	277.03	5.87	275.34	
------	------	--------	------	--------	--

116				4.3	272.7
-----	--	--	--	-----	-------

T.P.	3.92	272.61	8.34	268.69	
------	------	--------	------	--------	--

117				4.2	268.4
-----	--	--	--	-----	-------

T.P.	2.78	267.10	8.29	264.32	
------	------	--------	------	--------	--

118				2.8	264.3
-----	--	--	--	-----	-------

119				6.6	260.5
-----	--	--	--	-----	-------

T.P.	1.59	258.78	9.91	257.19	
------	------	--------	------	--------	--

120				1.8	257.0
-----	--	--	--	-----	-------

121				4.9	253.9
-----	--	--	--	-----	-------

+50 End of Grading. 5.2 253.4

T.P.	3.84	257.18	5.44	253.32	
------	------	--------	------	--------	--

B.M.	5.34	257.45	4.87	252.31	
------	------	--------	------	--------	--

123 +72 Beginning of Grading. 5.0 252.7

134				4.8	252.9
-----	--	--	--	-----	-------

135				5.3	252.4
-----	--	--	--	-----	-------

136				4.9	252.8
-----	--	--	--	-----	-------

Lt.

Rt.

SpK. in 30" Poplar 30' Rt. Sta. 113 + 85.

4.6	5.6	7.2	7.4	4.8	4.8	5.0	5.4	9.5	11.1	11.5
33	30	28	23	18	11	11	15	23	27	33

5.5	7.8	8.4	8.2	5.5	6.2	6.6	13.4	14.9
33	29	28	21	18	10	16	25	33

2.9	7.4	7.6	4.3	4.6	4.9	12.5	14.2
33	26	22	14	10	14	26	33

1.9	6.8	7.0	4.0	4.8	8.7	11.4
29	21	19	16	16	22	33

2.3	4.9	5.2	2.7	3.0	8.1	9.8
33	28	21	18	14	21	33

8.1	8.0	8.4	8.2	4.9	6.7	7.0	7.5	11.9	11.1
33	25	22	20	17	11	11	15	22	33

3.2	2.6	2.0	2.1	2.3	4.8	6.4	6.9
13	17	9	11	17	21	26	33

6.7	6.0	5.2	5.0	5.0	5.4	6.5	6.9	6.5	6.8
33	16	14	9	12	15	18	22	23	33

6.8	6.5	5.6	5.5	5.6	6.4	4.5	4.3	7.0
33	15	13	8	14	16	22	24	33

Sta 122 to Sta. 133 same as Original X Sec.

SpK. in T.P. 15' Lt. Sta. 131 + 70 original B.M. moved.

7.3	7.0	5.6	5.3	5.3	5.9	6.5	6.1	7.2
33	14	12	9	9	17	25	26	33

7.4	7.1	5.9	5.0	5.0	5.5	6.3	6.5	7.2
33	16	14	9	9	16	18	29	33

7.6	7.1	5.9	5.3	5.5	6.3	6.4	7.4
33	15	12	10	19	19	29	33

7.4	7.1	5.9	5.3	5.0	5.0	6.4	6.2	7.0
33	17	13	11	11	15	18	28	33

Sta.	+	H.I. ✓	-	Red.	Elev.
		257.65			
137				3.8 ✓	253.9
T. P.	10.40	165.15 ✓	2.90	254.75	
138				9.3	255.9
139				7.4	257.8
140				5.6	259.6
141				3.7	261.5
142				2.2 ✓	263.0
T. P.	7.64	271.80 ✓	0.99	264.16 ✓	
143				7.0	264.8
+74				5.7	266.1
+87				5.5	266.3
144				5.4	266.4
145				4.8 ✓	267.0
B. M.	5.42	270.18 ✓	7.04	264.76	
146				3.6	266.6
147				4.4	265.8

Lt.

Rt.

7.3	6.8	4.5	3.9	(3.6)	3.8	6.4	6.1	5.4	6.2
<u>33</u>	<u>19</u>	<u>16</u>	<u>10</u>		<u>17</u>	<u>19</u>	<u>24</u>	<u>25</u>	<u>33</u>

13.2	12.8	9.9	9.5	(9.2)	9.0	11.0	11.3	10.9	12.0
<u>33</u>	<u>19</u>	<u>15</u>	<u>11</u>		<u>16</u>	<u>20</u>	<u>23</u>	<u>24</u>	<u>33</u>

10.6	10.0	8.0	7.7	(7.4)	7.1	8.2	9.0
<u>33</u>	<u>20</u>	<u>17</u>	<u>11</u>		<u>18</u>	<u>20</u>	<u>33</u>

7.9	8.3	6.2	6.0	(5.7)	5.4	7.5	5.6
<u>33</u>	<u>19</u>	<u>16</u>	<u>12</u>		<u>17</u>	<u>20</u>	<u>33</u>

7.0	5.3	3.8	(3.7)	3.4	6.1	5.8	3.4
<u>33</u>	<u>19</u>	<u>17</u>		<u>16</u>	<u>20</u>	<u>29</u>	<u>33</u>

6.0	4.1	2.8	2.3	(2.2)	2.4	4.0	4.0	2.3
<u>33</u>	<u>19</u>	<u>16</u>	<u>12</u>		<u>17</u>	<u>19</u>	<u>31</u>	<u>33</u>

7.4	8.7	7.5	7.2	(6.9)	7.1	8.3	8.2	4.1
<u>33</u>	<u>19</u>	<u>17</u>	<u>11</u>		<u>16</u>	<u>18</u>	<u>29</u>	<u>33</u>

6.3	8.1	7.7	6.7	(6.6)	5.6	4.9	3.0	
<u>33</u>	<u>31</u>	<u>19</u>	<u>17</u>		<u>15</u>	<u>17</u>	<u>31</u>	<u>33.6</u>

5.7	7.8	7.4	6.0	(5.4)	5.4	4.0
<u>33</u>	<u>31</u>	<u>19</u>	<u>16</u>		<u>15</u>	<u>33</u>

5.1	7.7	7.2	6.2	5.9	(5.2)	4.9	4.2	2.4
<u>33</u>	<u>30</u>	<u>19</u>	<u>17</u>	<u>14</u>		<u>18</u>	<u>32</u>	<u>33</u>

4.2	6.5	6.8	5.6	5.1	(4.7)	4.7	5.7	5.3	1.3
<u>32.7</u>	<u>30</u>	<u>22</u>	<u>17</u>	<u>8</u>		<u>18</u>	<u>20</u>	<u>27</u>	<u>34</u>

SpK in 10" Oak 35' Lt. Sta. 145+65 (Set 8/12/54)

7.6	4.5	4.1	(3.5)	3.4	4.8	4.5	271.3	271.3
<u>33</u>	<u>25</u>	<u>19</u>		<u>17</u>	<u>19</u>	<u>25</u>	<u>32</u>	<u>33</u>

12.0	10.8	5.3	(4.3)	4.1	5.6	5.4	0.6	0.2
<u>33</u>	<u>29</u>	<u>20</u>		<u>16</u>	<u>19</u>	<u>24</u>	<u>31.6</u>	<u>33</u>

Sta.	T	H.I.	-	Red.	Elev.
		270.18			
148				5.1	265.1
149				5.1	265.1
150				4.2	266.0
151				2.4	267.8
T.P.	11.78	280.32	1.64	268.54	
152				10.6	269.7
153				7.9	272.4
154				5.7	274.6
155				4.3	276.0
156				3.9	276.4
T.P.	4.84	281.24	3.94	276.38	
157				4.7	276.5
158				4.9	278.3
B.M.	3.50	281.28	3.50	277.74	277.78
159				4.8	276.5
160				5.2	

14.

17.

9

12.4	11.4	5.3	4.9	5.2	6.8	6.6	4.7	4.4	4.0
33	24	19	10	14	19	25	27	28	33

12.9	12.5	5.4	4.7	7.2	7.1	4.9	4.6
33	29	18	14	19	24	27	33

12.0	12.5	5.0	4.6	3.9	4.1	5.4	5.5	4.1	4.3
33	30	19	15	12	14	18	24	26	33

7.5	6.4	3.5	2.7	2.1	3.5	3.4	1.4	0.2
33	24	20	17	14	18	24	27	33

7.8	7.1	11.5	11.8	10.9	10.6	10.2	11.1	11.1	7.1	6.8
33	25.8	21	16	15	12	18	19	24	27.8	33

3.5	3.5	9.2	9.2	7.9	7.6	8.7	8.6	4.7	4.7	3.0
33	27.4	22	14	15	17	18	24	28	30	33

2.0	7.4	7.1	7.3	5.8	5.5	6.7	6.7	2.9	2.6
33	27.3	22	17	15	14	18	23	27	33

5.1	4.9	6.4	6.2	4.7	4.7	4.4	5.6	5.6	3.8	4.3
33	28	25	19	17	12	17	18	24	26.4	30

7.7	6.4	4.2	3.8	4.1	5.6	5.3
33	19	15	14	18	21	33

6.3	5.6	6.7	6.3	5.2	4.5	6.0	6.0	5.4	5.4
33	26.7	25	17	15	20	23	27	28.8	33.3

5.6	5.3	6.2	6.1	5.2	5.1	5.9	5.8	4.9	4.7
33	24	25	14	15	14	18	26	27	33

S.P.K. in 4" O.K. 45" 158 ± 0.0

4.6	4.4	5.9	5.8	4.7	4.9	6.1	6.1	4.4	4.3
33	27	25	17	15	15	19	25	27.2	33

5.0	4.9	6.8	6.9	5.4	5.2	6.1	6.0	4.5	4.4
33	27	24	17	15	15	17	25	26.8	33

Sta.	+	H.F.	-	Red	Elev.
		281.28			
161				6.7	274.6
162				7.8	273.5
T.P.	2.73	276.18	7.83	273.45	
+40				3.8	272.4
163				4.4	271.8
164				5.1	271.1
165				5.0	271.2
166				4.9	271.3
167				4.7	271.5
168				4.7	271.5
169				5.1	271.1
T.P.	2.63	273.73	5.08	271.10	
170				3.4	270.3
171				4.2	269.5
172				4.9	268.8

Lt.

Rt.

$$\begin{array}{r} 6.4 \quad 7.0 \quad 8.1 \quad 7.9 \quad 6.8 \quad 6.6 \quad 7.8 \quad 7.7 \quad 6.4 \quad 6.9 \\ 33 \quad 27 \quad 25 \quad 17 \quad 15 \quad 15 \quad 17 \quad 23 \quad 24.4 \quad 33 \end{array}$$

$$\begin{array}{r} 7.4 \quad 8.2 \quad 9.4 \quad 9.4 \quad 8.1 \quad 8.0 \quad 8.1 \quad 9.3 \quad 9.5 \quad 9.1 \quad 10.2 \\ 33 \quad 29 \quad 25 \quad 18 \quad 16 \quad 11 \quad 15 \quad 18 \quad 23 \quad 24 \quad 33 \end{array}$$

$$\begin{array}{r} 3.8 \quad 4.7 \quad 5.5 \quad 5.3 \quad 4.0 \quad 3.8 \quad 3.8 \quad 4.0 \quad 2.0 \quad 9.8 \\ 33 \quad 27 \quad 24 \quad 18 \quad 15 \quad 9 \quad 13 \quad 17 \quad 29 \quad 33 \end{array}$$

$$\begin{array}{r} 11.4 \quad 8.0 \quad 4.4 \quad 4.4 \quad 11.3 \quad 11.6 \\ 33 \quad 20 \quad 16 \quad 16 \quad 27 \quad 33 \end{array}$$

$$\begin{array}{r} 10.7 \quad 9.4 \quad 5.6 \quad 5.2 \quad 5.2 \quad 7.5 \quad 6.8 \\ 33 \quad 21 \quad 16 \quad 11 \quad 19 \quad 23 \quad 33 \end{array}$$

$$\begin{array}{r} 7.3 \quad 6.7 \quad 7.0 \quad 6.6 \quad 5.3 \quad 6.0 \quad 5.7 \quad 5.7 \quad 4.5 \quad 4.4 \\ 33 \quad 25 \quad 24 \quad 18 \quad 16 \quad 15 \quad 17 \quad 23 \quad 25 \quad 33 \end{array}$$

$$\begin{array}{r} 4.9 \quad 5.1 \quad 5.6 \quad 5.6 \quad 4.9 \quad 4.6 \quad 5.4 \quad 5.4 \quad 4.2 \quad 4.0 \\ 33 \quad 25 \quad 24 \quad 17 \quad 16 \quad 15 \quad 16 \quad 23 \quad 24 \quad 33 \end{array}$$

$$\begin{array}{r} 4.8 \quad 5.3 \quad 6.0 \quad 5.8 \quad 4.6 \quad 4.6 \quad 5.5 \quad 5.7 \quad 4.9 \quad 4.8 \\ 33 \quad 24 \quad 23 \quad 17 \quad 16 \quad 14 \quad 16 \quad 24 \quad 25 \quad 33 \end{array}$$

$$\begin{array}{r} 5.0 \quad 4.6 \quad 6.3 \quad 6.4 \quad 4.9 \quad 4.7 \quad 4.9 \quad 5.6 \quad 5.6 \quad 3.8 \quad 3.6 \\ 33 \quad 25 \quad 22 \quad 18 \quad 14 \quad 13 \quad 14 \quad 16 \quad 21 \quad 23 \quad 33 \end{array}$$

$$\begin{array}{r} 7.1 \quad 6.1 \quad 7.1 \quad 7.3 \quad 5.6 \quad 5.0 \quad 5.8 \quad 5.8 \quad 3.9 \quad 3.5 \\ 33 \quad 24 \quad 22 \quad 18 \quad 15 \quad 14 \quad 17 \quad 20 \quad 23 \quad 33 \end{array}$$

$$\begin{array}{r} 7.0 \quad 5.9 \quad 5.3 \quad 5.0 \quad 3.4 \quad 3.7 \quad 4.6 \quad 4.5 \quad 3.0 \quad 2.4 \\ 33 \quad 21 \quad 19 \quad 16 \quad 10 \quad 14 \quad 14 \quad 21 \quad 24 \quad 33 \end{array}$$

$$\begin{array}{r} 8.3 \quad 6.2 \quad 4.4 \quad 4.0 \quad 5.0 \quad 5.0 \quad 3.7 \quad 2.9 \\ 33 \quad 20 \quad 16 \quad 15 \quad 17 \quad 22 \quad 24.9 \quad 33 \end{array}$$

$$\begin{array}{r} 7.0 \quad 7.4 \quad 5.2 \quad 4.6 \quad 6.0 \quad 6.0 \quad 3.4 \quad 2.9 \\ 33 \quad 20 \quad 17 \quad 15 \quad 17 \quad 24 \quad 28 \quad 33 \end{array}$$

Sta.	+	H.I.	-	Red.	Elev
		273.73			
173				5.4	268.3
174				4.3	267.4
175				7.7	266.0
B.M.				4.90	268.83
T.P.	171	267.74	7.68	266.05	
176				3.5	264.3
177				5.2	262.4
178				6.9	260.9
179				8.7	259.1
T.P.	174	259.37	9.63	258.13	
180				2.2	257.2
181				3.9	255.5
182				5.1	254.3
183				5.5	253.9
184				5.7	253.7
B.M.	7.60	259.24	7.73	251.64	

L1

RT

$\frac{9.4}{33} \quad \frac{7.6}{21} \quad \frac{5.9}{18} \quad \frac{5.3}{15} \quad \frac{6.5}{18} \quad \frac{6.3}{24} \quad \frac{3.8}{27.7} \quad \frac{3.3}{33}$

$\frac{9.7}{33} \quad \frac{8.3}{20} \quad \frac{6.0}{18} \quad \frac{6.1}{15} \quad \frac{7.3}{18} \quad \frac{7.2}{24} \quad \frac{3.8}{28.7} \quad \frac{3.4}{33}$

$\frac{11.2}{33} \quad \frac{9.8}{20} \quad \frac{8.1}{17} \quad \frac{7.7}{14} \quad \frac{9.2}{19} \quad \frac{8.8}{24} \quad \frac{5.0}{29.7} \quad \frac{4.5}{33}$

Nail in T.P. 1st Sta. 175 + 14, (Set 8-12-24)

$\frac{7.2}{33} \quad \frac{5.9}{20} \quad \frac{4.0}{17} \quad \frac{5.2}{15} \quad \frac{4.9}{18} \quad \frac{4.5}{24} \quad \frac{1.3}{29} \quad \frac{0.5}{33}$

$\frac{9.3}{33} \quad \frac{8.1}{21} \quad \frac{5.5}{17} \quad \frac{4.9}{13} \quad \frac{5.4}{17} \quad \frac{6.4}{18} \quad \frac{6.4}{34} \quad \frac{3.8}{224} \quad \frac{3.4}{33}$

$\frac{10.2}{33} \quad \frac{8.8}{20} \quad \frac{7.3}{17} \quad \frac{6.7}{15} \quad \frac{8.2}{17} \quad \frac{8.2}{27} \quad \frac{6.0}{29.5} \quad \frac{5.6}{33}$

$\frac{10.5}{33} \quad \frac{9.7}{21} \quad \frac{8.9}{18} \quad \frac{9.0}{16} \quad \frac{10.4}{18} \quad \frac{10.2}{25} \quad \frac{8.7}{22.5} \quad \frac{8.1}{33}$

$\frac{5.3}{33} \quad \frac{4.6}{20} \quad \frac{2.5}{16} \quad \frac{2.3}{14} \quad \frac{2.7}{18} \quad \frac{3.8}{20} \quad \frac{3.7}{27} \quad \frac{3.3}{28.7} \quad \frac{2.7}{33}$

$\frac{8.8}{33} \quad \frac{8.5}{22} \quad \frac{4.4}{16} \quad \frac{3.9}{16} \quad \frac{5.7}{19} \quad \frac{6.1}{22} \quad \frac{6.0}{27} \quad \frac{5.5}{28} \quad \frac{5.4}{33}$

$\frac{9.8}{33} \quad \frac{8.7}{20} \quad \frac{5.0}{16} \quad \frac{5.5}{16} \quad \frac{8.6}{20} \quad \frac{8.1}{33}$

$\frac{9.2}{33} \quad \frac{9.3}{24} \quad \frac{5.8}{18} \quad \frac{5.7}{14} \quad \frac{6.1}{18} \quad \frac{9.2}{21} \quad \frac{9.6}{33}$

$\frac{9.5}{33} \quad \frac{9.3}{26} \quad \frac{6.1}{21} \quad \frac{5.6}{19} \quad \frac{6.0}{17} \quad \frac{9.0}{20} \quad \frac{9.0}{33}$

SPK in T.P. RT Sta. 183 + 90 (Set 8/12/24)

Sta.	+	H.I.	-	Rod.	Elev
		259.24			
185				5.2	254.0
+93				4.3	254.9
186				4.3	254.9
+19				4.1	255.1
+25				4.1	255.1
187				3.5	255.7
188				2.7	254.5
T.P.	7.44	266.35	2.55	256.69	
189				7.0	257.4
190				8.0	258.4
191				7.0	259.4
192				6.2	260.2
T.P.	5.10	265.24	4.19	260.14	
193				4.5	260.8
-194				4.8	260.5

H

BY.

$$\begin{array}{r} 9.2 \quad 9.2 \quad 4.1 \quad 5.6 \quad 5.4 \quad 9.0 \quad 9.0 \\ 33 \quad 28 \quad 23 \quad 18 \quad 17 \quad 22 \quad 33 \end{array} \quad (51)$$

$$\begin{array}{r} 7.4 \quad 9.5 \quad 4.3 \quad 4.9 \quad 5.0 \quad 8.4 \quad 8.9 \\ 33 \quad 27 \quad 20 \quad 15 \quad 18 \quad 22 \quad 33 \end{array} \quad (43)$$

$$\begin{array}{r} 9.5 \quad 9.5 \quad 4.3 \quad 5.0 \quad 5.9 \\ 33 \quad 27 \quad 20 \quad 17 \quad 33 \end{array} \quad (42)$$

$$\begin{array}{r} 9.6 \quad 9.2 \quad 4.2 \quad 4.4 \quad 5.4 \quad 5.7 \\ 33 \quad 26 \quad 19 \quad 14 \quad 25 \quad 33 \end{array} \quad (40)$$

$$\begin{array}{r} 9.5 \quad 9.5 \quad 4.1 \quad 4.2 \quad 8.5 \quad 8.7 \\ 33 \quad 26 \quad 19 \quad 14 \quad 23 \quad 33 \end{array} \quad (40)$$

$$\begin{array}{r} 7.4 \quad 6.8 \quad 3.6 \quad 3.4 \quad 5.3 \quad 5.3 \quad 6.1 \quad 6.1 \quad 5.1 \\ 33 \quad 25 \quad 20 \quad 16 \quad 19 \quad 21 \quad 23 \quad 28 \quad 33 \end{array} \quad (32)$$

$$\begin{array}{r} 2.6 \quad 2.4 \quad 4.0 \quad 4.0 \quad 2.7 \quad 2.2 \quad 2.9 \quad 3.1 \quad 0.0 \\ 33 \quad 31 \quad 28 \quad 18 \quad 17 \quad 14 \quad 20 \quad 28 \quad 33 \end{array} \quad (27)$$

$$\begin{array}{r} 7.1 \quad 7.1 \quad 10.1 \quad 9.9 \quad 9.1 \quad 9.0 \quad 9.7 \quad 9.7 \quad 5.4 \quad 4.9 \quad 4.2 \\ 33 \quad 28 \quad 23 \quad 18 \quad 17 \quad 15 \quad 16 \quad 21 \quad 28 \quad 31 \quad 33 \end{array} \quad (40)$$

$$\begin{array}{r} 3.7 \quad 4.1 \quad 9.1 \quad 9.0 \quad 8.1 \quad 7.9 \quad 8.6 \quad 8.6 \quad 0.9 \quad 1.1 \\ 33 \quad 27 \quad 21 \quad 16 \quad 15 \quad 15 \quad 17 \quad 20 \quad 24 \quad 33 \end{array} \quad (32)$$

$$\begin{array}{r} 2.1 \quad 2.3 \quad 8.1 \quad 8.2 \quad 7.5 \quad 7.2 \quad 6.5 \quad 7.3 \quad 7.6 \quad 0.3 \quad 1.3 \\ 33 \quad 27 \quad 21 \quad 16 \quad 15 \quad 11 \quad 15 \quad 16 \quad 21 \quad 28 \quad 33 \end{array} \quad (72)$$

$$\begin{array}{r} 2.9 \quad 3.5 \quad 7.5 \quad 7.2 \quad 4.3 \quad 4.1 \quad 7.0 \quad 7.4 \quad 5.6 \quad 5.8 \\ 33 \quad 26 \quad 22 \quad 16 \quad 10 \quad 14 \quad 17 \quad 22 \quad 24 \quad 33 \end{array} \quad (63)$$

$$\begin{array}{r} 3.0 \quad 3.5 \quad 5.8 \quad 5.6 \quad 4.5 \quad 4.5 \quad 5.8 \quad 5.9 \quad 4.9 \quad 6.7 \\ 33 \quad 27 \quad 23 \quad 17 \quad 15 \quad 17 \quad 20 \quad 25 \quad 27 \quad 33 \end{array} \quad (46)$$

$$\begin{array}{r} 3.3 \quad 3.8 \quad 4.0 \quad 6.1 \quad 4.8 \quad 5.0 \quad 6.1 \quad 6.1 \quad 4.0 \quad 3.9 \quad 3.2 \\ 33 \quad 26 \quad 23 \quad 17 \quad 15 \quad 14 \quad 18 \quad 25 \quad 28 \quad 29 \quad 30 \end{array} \quad (48)$$

3.1
33

Sta. + H.I. ✓ - Rod. Elev.

245.24

194 +58 5.4 259.9

+63 5.5 259.8

+77 5.8 259.5

+84 6.0 259.3

195 6.2 259.1

194 7.7 259.4

197 9.3 256.0 ✓

T.P. 8.92 256.34 ✓

T.P. 8.37 272.07 ✓ 0.94 244.30 ✓

194 +63

+77

+84

195

194

T.P. 1.67 262.94 ✓ 11.44 241.25 ✓

T.P. 6.59 242.93 ✓ 6.59 256.33 ✓ 256.34 ✓

Lt.

Rt.

1.6	1.6	5.5	5.3	5.4	1.6
33	28	21	15	14	33

4.3	4.7	5.2	5.4	5.9	5.5
33	23	14	14	19	24

3.8	5.0	5.8	6.0	6.8	6.8
33	25	11	15	17	23

6.2	6.2	5.8	6.2	7.1	7.0
24	18	17	15	17	23

6.8	6.9	6.1	6.4	7.4	7.3
24	17	16	14	18	24

8.7	8.6	7.5	7.6	8.5	8.5
24	17	15	15	17	22

3.5	3.4	10.4	10.1	9.3	9.6	10.0	10.6	10.4	4.7	4.8
33	30.7	24	18	16	12	16	17	23	28.7	33

Nail in T.P. Lt. Sta. 196+40.

13.0	6.4	6.1
	31.3	33

13.3	6.1	5.9
	31.3	33

6.5	6.5	5.7	5.3
35	34	31.8	33

5.7	5.7	4.7	4.7
35	33	33	35

2.9	2.9	2.5	2.5
35	33.4	33	35

Nail in T.P. Lt. Sta. 196+40.

Sta.	+	H.2. ✓	-	Red.	Elev.
		262.93			
197 +55				8.0	254.9
198				8.8 ✓	254.1
T.P.	1.39	255.90 ✓	8.42	254.51	
199				4.0	251.9
200				7.5	248.4
201				5.2	250.7
202				5.0	250.9
203				4.9	251.0
204				5.2 ✓	250.7
T.P.	4.94	255.90 ✓	5.14	250.74	
205				4.9	250.8
206				4.4	251.1
207				4.4	251.1
208				5.8	249.9
209				5.3	250.4

14.

34.

14

8.1	7.8	8.9	8.7	7.9	8.0	9.0	9.3	7.5	7.5
33	26	34	17	14	15	17	23	23	33

12.2	9.2	8.8	11.3	12.1
33	17	14	21	33

8.2	7.8	4.3	4.1	7.4	7.4
33	22	17	14	21	33

10.3	10.1	7.5	7.5	10.3	10.4	10.0	9.8
33	19	17	14	20	24	28	33

9.5	9.2	5.6	5.2	5.7	8.8	9.2	10.5	10.5	9.0	8.0
33	20	17	11	14	20	21	23	29	30	33

9.2	9.2	5.0	5.2	10.4	10.4	8.6	8.6
33	20	15	14	23	28	30	33

9.5	9.3	5.2	5.3	10.4	10.6	8.9	8.7
33	19	15	14	25	27	30	33

9.5	9.2	5.4	5.4	7.7	10.4	10.5	9.2	8.9
33	20	15	18	21	25	28	30	33

9.0	9.0	5.1	5.3	7.7	7.6	9.8	10.0	8.3
33	20	14	18	21	23	24	30	33

8.6	8.0	7.9	5.2	6.7	7.2	10.0	10.0	8.2
33	20	14	18	21	25	28	31	33

8.0	7.8	4.6	5.1	6.6	7.2	10.0	10.0	8.3
33	20	14	17	20	24	30	32	33

8.0	8.0	5.6	5.8	8.1	8.6	10.1	10.2	8.9
33	20	17	17	21	27	30	32	33

8.0	7.7	5.3	5.3	6.1	7.1	9.7	10.1
33	20	17	17	19	27	30	33

Sta.	+	H.I.	-	Red.	Elev.
		✓			
		255.70			

210				5.7 ✓	250.0
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T.P.	6.49	✓	256.54	5.65	250.05
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+70				5.7	250.8
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+99.8				5.6	250.9
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B.M.				6.66 ✓	249.88
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T.P.	10.34	✓	264.09	1.81	253.73
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B.M.			0.70	✓	263.39
					263.30

Lt.

Rt.

7.7 7.4 5.9 ^(5.6) 5.7 6.2 7.4 10.5
33 19 17 19 20 29 33

2.8 7.7 6.4 6.0 ^(5.5) 5.9 6.4 6.1 4.7 6.8
33 19 17 13 12 24 26 28 33

4.2 4.1 ^(5.5) 5.7
33 10 33

Nail in T.P. Rt. Sta. 210+50

SpK. in 10" Oak 33' Rt. Sta. 219+85

