

Sta. _____ Page _____
NAME 0+00 to 9+81 1/2
86+75 2/4 to 192+59 1/4
Class _____ Course _____ Party _____

Transit Notes

H' Line

Book No. 1.

FIELD NOTES

No. 403P

ESPECIALLY ADAPTED

TO THE USE OF

ENGINEERING STUDENTS

W 222

EUGENE DIETZGEN Co.

MANUFACTURERS

DRAWING MATERIALS

MATHEMATICAL AND SURVEYING INSTRUMENTS

MEASURING TAPES

CHICAGO SAN FRANCISCO NEW YORK
NEW ORLEANS PITTSBURGH

MICROFILMED
JAN 4 1965

DEM. J. 100-111
100-111

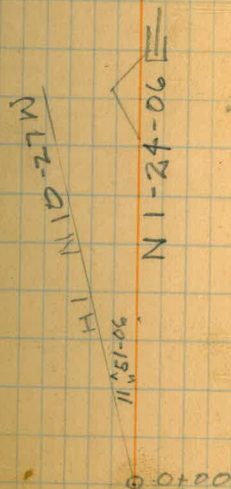
H' Line - beginning at
Pass #2 + running North.

2+450	E.C.	34° 57.50'	
		31° 21.59'	
+50		21° 26.03'	
+40	P.O.C.	29° 55.5'	
+25		27° 46.68'	
		27° 51.17'	
2700		24° 11.82'	
		24° 16.31'	
1+75		20° 36.96'	
		20° 41.95'	
+50		17° 02.10'	
		17° 06.59'	$\Delta = 69^{\circ} 55' R$
+25		13° 27.24'	S.T. = 139.82
		13° 31.73'	LA = 244.06
1+00		9° 52.38'	R = 200.00
		9° 56.87'	L.Ch. 229.19
+75		6° 17.52'	Co Ord 62280
		6° 22.01'	38355.01
+50		2° 42.66'	
		2° 47.5'	
0+31 st	B.C.	0° 00'	
0+00			

Oct. 17-1927

P.O.G.

Elliott
Bailey
Brooks.



0-1.17-27

H

Sta. deflec.

7+50

$\Delta = 31^{\circ}15' L$

R = 80.

ST. = 22.27

LA. = 43.63

LC. = 43.09

Co Ord 62566

38839.90

+19.49 E.C 15°37'30

7+00 8°38.74

6+75.86 B.C 0°00

+75

6+18.25 P.O.T.

6+00

+50

5+00

+50

4+00

+50

3+00

H'

Sta

deflec.

9+81.6 BC

Continued in
Book 2"
H' line

9+00

8+54.16 E.C. 22°42'36"

$\Delta = 45^{\circ}25' R$

+50

21°13.01'

R = 80

S.T. = 33.48

L.A. = 63.41

L.C. = 61.77

+25

12°15.90

62678

8+00

3°18.75'

38900

7+90.75 BC

0°00'

Sta Chord Def \angle Curve Data
+75 20 $^{\circ}$ 25'

24.93

$\Delta = 56^{\circ}01'R$

+150

13 $^{\circ}$ 15'

R = 100'

T = 53.19'

L_c = 97.77'

24.94'

P.I. = 88+56.91'

LCh 93.92

+25

6 $^{\circ}$ 06'

65142

42876.93

21.25'

88+03.72 BC

N 76 $^{\circ}$ 39' E

N 77 E

88+0

87+0

86+75.01 EC

From Book 3. H Line

Sta Chord Di. L } Curve Data

90+0 17°29'

24.93

+75 10°19'

24.94

+50 3°10'

11.02

89+38.97 BC

S 47°20' E

89+01.49 EC, 28°00'30"

1.49'

89+0 27°35'

24.94

88+75 24.93 20°25'

$\Delta = 52^\circ 40' L'$

$R = 100'$

$T = 49.50'$

$L_c = 91.92'$

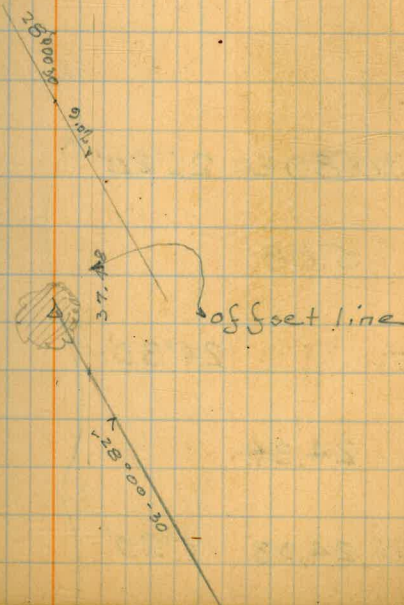
$PI = 89+88.47$

$LCh = 88.72$

65047

42980

Large Tree



Sta chord Def L Curve Data

92+0 11°50'

24.94

+ 75 4°40'

16.27

91+58.72 BC

$\Delta = 35^{\circ} 23'$ L

R = 100'

T = 29.99'

Lc = 58.26'

PI = 91+88.71'

LCh = 57.44

65083

43184.17

N 80°00' E. Mag N 80° 15' E

91+0

90+30.89 EF. 26°20'

5.88

+25 24°39'

24.94

90+0 24.93 17°29'

Sta. Chord Def L Curve Data
+25 5°50'

20.33

95+04.64 BC

N 46° 37' E Mag N 46° 30' E

95+0

94+0

93+0

92+16.98 BC 16°41'30"

16.97

92+0 24.94 11°50'

Sta Chord Defl Curve Data

99+0

98+0

97+0

96+0

95+58.11 EC: 15°19'

8.11

+50

13°00'

24.94

95+25 20.33 5°50'

$\Delta = 30^\circ 38' L$

$R = 100$

$T = 27.39$

$L_c = 53.47$

$P.I. = 95+32.03$

$L.C.H. = 52.83$

65320

43434.94

Sta Chord Defl Curve Data
104+98.37 B.C.

N 15° 59' E

104+0

103+0

102+0

101+0

100+0

99+0

Sta Chord Def. Curve Data.

106+30.71 BC

N18°24' W.

106+0

105+58.38 EC 17°11'30"

8.38

+50

14°47'

24.93

+25

7°38'

24.94

105+0

0°28'

1.63

104+98.37 BC

N15°59' E

$\Delta = 34^\circ 23' L$

$R = 100'$

$T = 30.94'$

$L = 60.01'$

$P.I. = 105+29.31'$

$H.C.H. = 59.11$

66280

43709.91

Sta Chord Det⁺ Curve Data

108+0

107+31.01 E.C. 28°44'

5.99

+25 27°01'

24.94

107+0 19°51'

24.93

+75 12°41'

24.94

+50 5°32'

19.26

106+30.71 B.C.

$A = 57^{\circ}28' R.$

$R = 100'$

$T = 54.82'$

$L_c = 100.30'$

$P.I. = 106+85.53'$

$L.Ch = 96.15$

66430

4366.01

Sta Chord Dist Curve Data

114+0

113+0

112+0

111+0

110+0

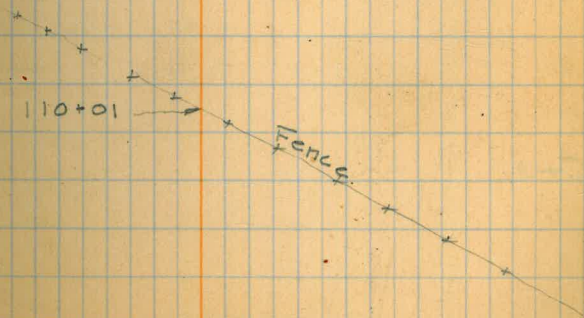
109+0

108+0



110+01

Fence



Sta Chord Del L

117+0

18°41'

Curve Data

24.89

$\Delta = 44^\circ 51' L$

$R = 80 \cdot$

+75

9°44'

$T = 33.01 \cdot$

$L_c = 62.62 \cdot$

24.90

$P_{11} = 116+80.82 \cdot$

$LCh = 61.04$

+50

0°47'

67210

2.19

44298.15

116+47.81.84.

N 39° 04' E.

116+0

115+0

114+0

Sta Chord Data Curve Data

119+0

$N 29^{\circ} 51' E.$

118+32.16 E. $17^{\circ} 49'$

7.16

+25 $15^{\circ} 15'$

24.90

118+0 $6^{\circ} 18'$

17.56

117+82.41 B.C.

$N 5^{\circ} 47' W.$

117+10.43 E. $22^{\circ} 25' 30''$

10.42

117+0 24.89 $18^{\circ} 41'$

$\Delta = 35^{\circ} 38' R$

$R = 80$

$T = 25.71$

$L = 49.75$

$PI = 118+08.12$

$Ch = 98.96$

67340

44279.98

Sta	Chord	Def. \angle	Curve Data
+50		$18^{\circ}20'$	
	24.93		$\Delta = 45^{\circ}59' R$
			$R = 100$
+25		$11^{\circ}10'$	$T = 42.43$
	24.94		$L_c = 80.26$
			$P.I. = 122+28.42$
122+0		$4^{\circ}01'$	47706
			44490.01

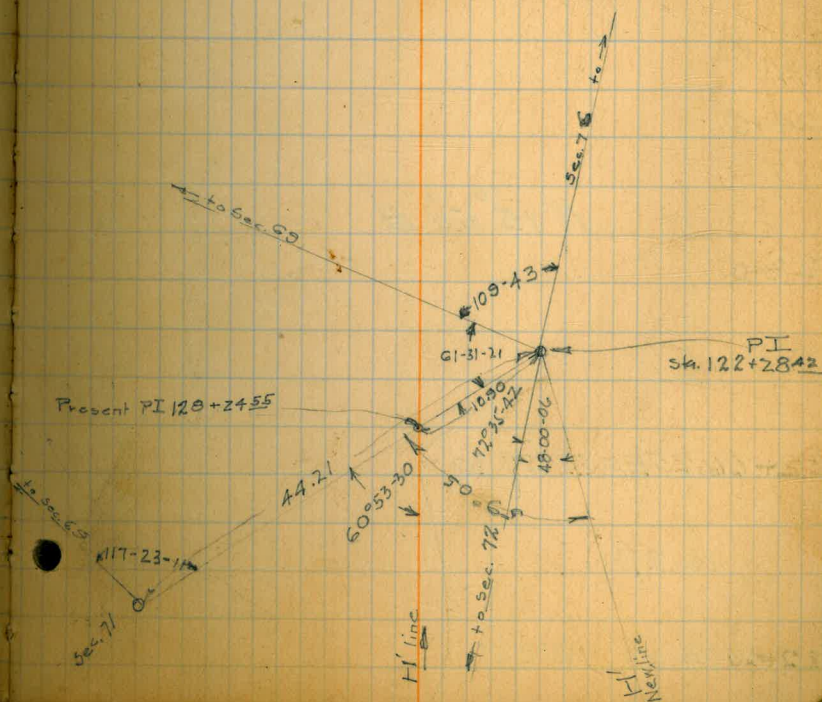
14.01

121+85.99 Bq

121+0

120+0

119+0



Sta Chord Det⁺ Curve Data
127+0 2°14'

126+76.65 BG

126+0

125+0

124+0

124+0

123+0

N 75° 50' E

N 76° E

122+66.25 EG 22°59'30'

16.23

122+50 24.93 18°20'

sta chord DefL

Curve Data

128+29.89 EC 14°38'

N

Mag N 46° 45' E

N 46° 34' E

+25

14°10'

128+0

11°47'

$\Delta = 29°16'$ ✓

R = 300'

T = 78.33' ✓

$h_c = 153.24'$

$h.C. = 151.58'$

+75

9°24'

67836

45005.02

+50

7°00'

+25

4°37'

127+0

2°14'

Sta chord DefL Curve Data

134+0

133+0

132+0

131+0

130+0

129+0

128+29.89 EC

Sta Chord DefL CURVE Data
+25 10°13'

135+0 7°51'

$\Delta = 45^\circ 18'$ ✓

R = 300

T = 125.19 ✓

L = 237.19

L.C. = 231.06

+75 5°27'

68380

45579.95

+50 3°04'

+25 0°41'

134+17.88.85

134+0

sta Chord Def Curve Data
136+55.07 EC 22°39'

N 1°16'E

+50 22°10'

$\Delta = 45^\circ 18' \checkmark$

R = 300

+25 19°47' T = 125.19

L_c = 237.19

L_C = 231.06

136+0 17°23'

135+75 15°00'

135+50 12°37'

135+25 10°13'

Sta Chord Det^r Curve Data

142+0

141+0

140+0

139+0

138+0

137+0

136+55.07 EC

Sta Chord Def L Curve Data.

148+0

147+0

146+0

145+0

144+0

143+0

142+0

Sta Chord Defl Curve Data

151+0

150+0

N 21° 42' W

149+05.51 EC 11° 48' 30"

(22° 58')

A = 22° 58' L

R = 82.276

T = 16.71

L_c = 32.98

L_s = 32.77

69746

45610.15

149+0

9° 50'

+75

0° 53'

148+72.53 BC

148+0

Sta Chord Defl Curve Data
+75 27°43'

+50 18°46' $\Delta = 56^{\circ}46'$ L

R = 80'

T = 43.23'

L_c = 79.26'

+25 9°49' L.C. = 76.06'

70166

45443.01

153+0 0°52'

152+97.58 BC

152+0

151+0

Sta Chord Det⁺
157+07.05 B.C.

Curve Data.

157+0

156+0

155+0

154+0

153+76.84 E. $28^{\circ}23'$

N 78 - 45 - N

N $78^{\circ}28'W$

²⁹
29 - 78 L

+75

$27^{\circ}43'$

Sta Chord Det^l Curve Data
+50 13°39'

+25 11°16'

158+0 8°53'

$\Delta = 49^\circ 00' R$

$R = 300$

$T = 136.72$

$L_c = 256.56$

+75 6°29'

$L_c = 248.81$

70268

44943.15

136.72
158+43.77

+50 4°06'

+25 1°43'

157+07.0586

Sta Chord Def + Curve Data
160+0

N29°28' W

159+63.61 EC 24°30'

+50 23°12' $\Delta = 49^{\circ}00'$ R
R = 300'
T = 136.72'
L_c = 256.56'
LC = 248.81'

+25 20°49'

159+0 18°26'

+75 16°02'

+50 13°35'

Sta Chord Defl Curve Data

166+0

165+0

164+0

163+0

162+0

161+0

160+0

Sta chord Def^l Curve Dat^g
171+0

N38°43'30" W

170+0

169+0

168+59.46 P.I. 9°15'30" L

71167

44435.21

168+0

N29°28' W

167+0

166+0

Sta Chord Dist Curve Data

176+ 34.94 P.I. 5° 07' 30" L

71772

43950.08 N 38° 43' 36" W
N 73 W ?

176+0

175+0

174+0

173+0

172+0

171+0

Sta Chord Dist Curve Data

182+0

N 44-45 W

181+0

180+0

179+0

N 43° 51' W"

N 46-30 W ?

178+0

177+0

176+34.94 P.I. 5° 07' 30" L

Sta chord Detⁿ
+25 18°40'

186+0 9°43'

186+0
+75 0°46'

185+72.86 BC
50 77
186423 .63

Curve Data

129-36

$\Delta = 64^\circ 48' 2$

$R = 80$

$T = 50.77$

$L = 90.48$

$L_c = 85.73$

72485

43265.14

$N 43^\circ 51' W$

185+0

184+0

183+0

182+0

Sta Chord Deft
+75 12°06'

Curve Data

$$\Delta = 42^\circ 09' R$$

$$R = 80$$

$$T = 30.83$$

$$L_c = 58.85$$

$$L_c = 57.53$$

72434

43114.03

+50 3°09'

187+41.22 BC

S 71° 21' W

572-15 W

187+0

186+63.34 EC 32°24'

+50 27°37'

186+25 18°40'

Table of offsets

From S.T

deflection angle

	6°30'	7°	8°	8°30'	9°	9°30'	10°	10°30'	11°	11°30'
1	.22	.30	.33	.35	.37	.39	.41	.43	.46	.48
2	.51	.61	.65	.70	.74	.78	.83	.87	.91	.95
3	.85	.91	.98	1.04	1.10	1.17	1.24	1.30	1.37	1.43
4	1.13	1.22	1.31	1.39	1.47	1.56	1.65	1.74	1.82	1.91
5	1.41	1.52	1.63	1.74	1.84	1.96	2.06	2.17	2.28	2.38
6	1.70	1.82	1.96	2.09	2.21	2.35	2.48	2.60	2.73	2.84
7	1.98	2.13	2.28	2.43	2.58	2.74	2.89	3.04	3.19	3.34
8	2.26	2.44	2.61	2.78	2.94	3.13	3.30	3.47	3.64	3.82
9	2.54	2.74	2.94	3.13	3.31	3.52	3.71	3.91	4.10	4.29
10	2.83	3.05	3.26	3.47	3.68	3.91	4.13	4.34	4.56	4.77
11	3.11	3.35	3.57	3.82	4.05	4.30	4.54	4.78	5.01	5.25
12	3.40	3.66	3.91	4.17	4.42	4.69	4.95	5.21	5.47	5.72
13	3.68	3.96	4.24	4.52	4.78	5.08	5.36	5.65	5.92	6.20
14	3.96	4.27	4.57	4.87	5.15	5.47	5.78	6.08	6.38	6.68
15	4.25	4.57	4.90	5.21	5.52	5.87	6.19	6.51	6.83	7.11
16	4.53	4.87	5.22	5.56	5.89	6.26	6.60	6.95	7.29	7.58
17	4.81	5.18	5.55	5.91	6.26	6.65	7.01	7.38	7.75	8.06
18	5.09	5.48	5.87	6.26	6.62	7.04	7.43	7.81	8.20	8.54
19	5.38	5.80	6.20	6.60	6.99	7.43	7.84	8.25	8.66	9.01
20	5.66	6.09	6.53	6.95	7.36	7.82	8.25	8.68	9.11	9.49

Sta chord Defⁿ Curve Data
 192+59.64 BC, Book H' # 2.

192+0

191+0

190+0

189+0

192+59.64
 2 37
 195+36.64

188+00.07 EC. 21°04'30"

187+75

12°06'

Table of offsets from S.T.

	deflection's										
74	1°30	2°	2°30	3°	3°30	4°	4°30	5°	5°30	6°	
74	.04	.06	.09	.11	.13	.15	.17	.20	.22	.24	.26
5	.81	.13	.17	.22	.26	.31	.35	.39	.44	.48	.52
7 1/2	.13	.20	.26	.33	.39	.46	.52	.59	.65	.72	.78
10	.17	.26	.35	.44	.52	.61	.70	.78	.87	.96	1.05
12 1/2	.22	.33	.42	.55	.65	.76	.87	.98	1.09	1.20	1.31
15	.26	.39	.51	.65	.78	.92	1.05	1.18	1.30	1.44	1.57
17 1/2	.30	.46	.60	.76	.92	1.07	1.22	1.37	1.53	1.68	1.83
20	.35	.52	.69	.87	1.05	1.22	1.39	1.57	1.74	1.92	2.09
22 1/2	.39	.59	.77	.98	1.18	1.37	1.57	1.77	1.96	2.16	2.35
25	.44	.65	.86	1.09	1.31	1.52	1.74	1.96	2.18	2.40	2.61
27 1/2	.48	.72	.95	1.20	1.44	1.68	1.92	2.16	2.40	2.74	2.87
30	.52	.78	1.04	1.31	1.57	1.83	2.09	2.35	2.61	2.98	3.14
32 1/2	.56	.85	1.12	1.42	1.70	1.98	2.27	2.55	2.83	3.22	3.40
35	.61	.91	1.21	1.53	1.83	2.14	2.44	2.75	3.05	3.45	3.66
37 1/2	.65	.98	1.30	1.64	1.96	2.29	2.61	2.94	3.27	3.69	3.92
40	.70	.95	1.38	1.75	2.09	2.44	2.79	3.14	3.49	3.93	4.18
42 1/2	.74	1.01	1.47	1.85	2.22	2.59	2.96	3.34	3.70	4.17	4.44
45	.78	1.08	1.56	1.96	2.36	2.75	3.14	3.53	3.92	4.41	4.70
47 1/2	.82	1.14	1.65	2.07	2.49	2.90	3.31	3.73	4.14	4.65	4.96
50	.86	1.21	1.73	2.18	2.62	3.05	3.49	3.92	4.35	4.87	5.22

7833
52

2633

181

Sta $9+8147$ to $45+90$ ⁸¹
NAME _____
 $192+5962$ to $249+5146$
Class _____ Course _____ Party _____

Transit Notes:

H' Line

Book No 2

FIELD NOTES

No. 403P

ESPECIALLY ADAPTED

TO THE USE OF

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MEASURING TAPES

CHICAGO SAN FRANCISCO NEW YORK
NEW ORLEANS PITTSBURGH

MICROFILMED
JAN 14 1965

MICROFILMED
JAN 14 1965

N 57° 34' E Mag. N 57° 30' E

17+47.34 E.C.	16° 13'	} A = 32° 26' L		
17	22.30			
+25	9° 49'		R = 100	62625
C.24.935			T = 29.08	39777.98
17+00	2° 39'		L = 56.61	
C.9.24		P.I. = 17+19.81		
16+50.73 B.C.		L.C. = 55.85		

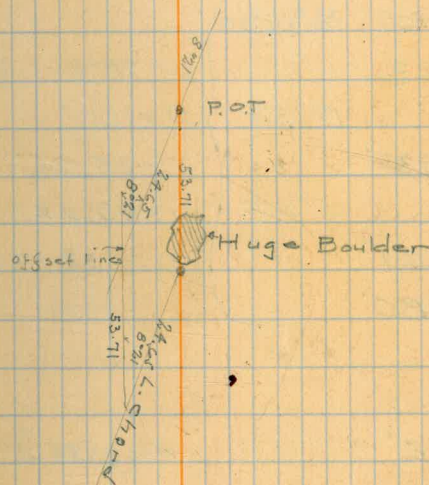
East Mag. 90° E

14+51.88 P.O.T.				
13+98.17 E.C.	8° 21' 05"	} Δ 16° 42' 10" L.		
C.23.14				
+75	5° 02'		R = 200	62625
C.24.981			T = 29.36	39426.98
+50	1° 27'		L = 58.30	
C.10.13		P.I. = 13+69.23		
13+39.87 B.C.		L.C. = 58.09		

5.73° 17' 50" E Mag. 73° 15'

10+27.64 E.C.	16° 32'	} Δ = 33° 04' R.	62730	
C.27.50			R = 80'	39077.06
10+00	6° 38'		T = 23.78	
C.18.48			L = 46.17	
9+81.47 B.C.			P.I. = 10+05.22	
		L.C. = 45.53		

From Book 1. H' line



Sta Chord Def. Curve Data

$S59^{\circ}40'E$ $S60^{\circ}E$

33+54.23 E.C.	$14^{\circ}10'30$	} $\Delta = 26^{\circ}21' R$ 63078 $R = 100'$ 41252.15 $T = 25.26'$ $L = 49.48'$ P.I. = 33+30.01 L.C. 48.97
4.23		
+50	$12^{\circ}58'$	
24.935		
+25	$5^{\circ}48'$	
20.21'		
33+04.75 B.C.		

$S88^{\circ}01'E$

$Magn 588^{\circ}E$

30+50.0 P.O.T.		} $\Delta = 34^{\circ}25' R$ 63103 $R = 100'$ 40530.22 $T = 30.97'$ $L = 60.07'$ P.I. 26+09.52 L.C. 59.47
26+38.62 E.C.	$17^{\circ}12'30$	
13.61		
+25	$13^{\circ}19'$	
24.935		
26+00	$6^{\circ}09'$	
21.41		
25+78.55 B.C.		

$N57^{\circ}34'E$

Sta Chords Def Curve Data

N 17° 53' E Mag N 17° 45'

36+56.32	✓ E.C.	51° 10' 30"	
	6.32		
+50		49° 43' 33"	
	24.96		Δ = 102° 21' L
+25		43° 59' 46"	R = 125
	24.96		T = 155.33 ✓
36+00		38° 16' 00"	L = 223.29 ✓
	24.96		P.I. = 35+88.06
+75		32° 32' 11"	LC 194.76
	24.96		
+50		26° 48' 27"	62947
	24.96		41476.03
+25		21° 04' 40"	
	24.96		
35+00		15° 20' 54"	
	24.96		
+75		9° 37' 07"	
	24.96		
+50		3° 53' 21"	
	16.96		
34+33.03	BC		
		S 59° 40' E	

Sta Chord Det ↑ Curve Data
N 26°39' E Mag 26°45' E

41+71.60 E.C. 21°59' }
21.56 } Δ = 43°58' R ✓
+50 15°48' } R = 100. ✓
24.94 } T = 40.37 ✓
+25 8°38' } L = 76.74 ✓
24.94 } P.I. = 41+35.23
41+00 1°28' } 63553
5.14 } 41534

40+94.86 B.C. ✓

40+00 N 17°19' W Mag N 17°30' W

39+38.70 E.C. 17°39' }
13.69 } Δ = 35°18' L 63935
+25 13°44' } R = 100 41601.97
24.94 } T = 31.82
39+00 6°34' } L = 61.61
22.87 } P.I. = 39+08.91
38+77.09 B.C. ✓ } U.C. = 60.64

38+00

37+00

N 17°59' E ✓

45+90.89 E.C. Continued in
Book 3. H' line.

Sta	Chord	Def	Curve Data
45+90.89	EC	30°57'	N 10°35' E
	15.86		Δ = 61°54' L
+75		25°16'	R = 80 63850
	24.898		T = 47.97 41795.04
+50		16°18'	L = 86.43 ✓
	24.898		P.I. = 45+52.43
+25		7°21"	
	20.48		
45+04.46	BC		

45+00

↑

N 72°29' E Mag N 72°45' E

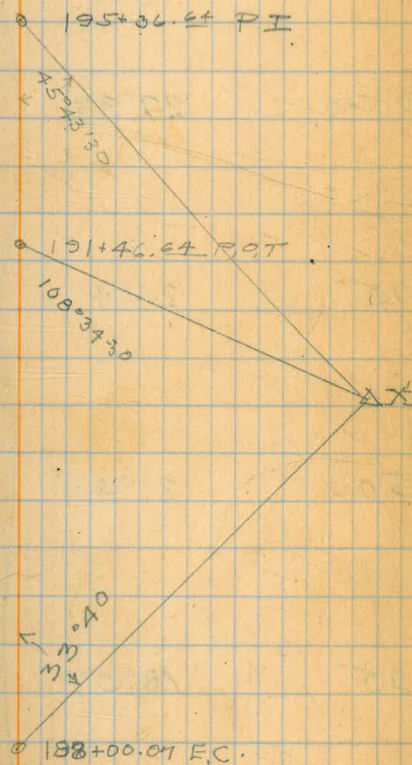
44+46.71	EC	22°55'	
	21.64		Δ = 45°50' R 63808
+25		15°09'	R = 80 41661.97
	24.898		T = 33.82 ✓
44+00		6°11'	L = 64.00 ✓
	17.26		P.I. = 44+16.53
43+82.71	BC		L.C. 62.30'

43+00

42+00

N 26°39' E

Sta	Chord	Def ^t	Curve Data
194+0		16°05'	
+75		13°13'	
+50		10°21'	A = 95°52' R R = 250' T = 277.0' L _c = 418.30'
+25		7°29'	L _c = 371.19' 72740 42410.28
193+0		4°38'	
+75		1°46'	
192+59.64 BC			N 66°30' W



Continued from Book 1 H'Line

Sta Chord Def L Curve Data

+50 33°16'

+25 30°24'

195+0 27°33'

+75 24°41'

+50 21°49'

+25 18°57'

194+0 16°05'

A = 95°52' R

R = 250

T = 277.0'

L_c = 418.30'

L_c = 371.19'

Sta Chord Defl

Curve Data

196+77.94 EC 47°56'

+75 47°36'

$\Delta = 95^{\circ}52' R.$

$R = 250.$

$T = 277.00.$

+50 44°44'

$L = 418.30.$

$L.C. = 371.19.$

+25 41°52'

196+0 39°00'

+75 36°08'

195+50 33°16'

Sta Chord Defl } Curve Data

+75 6°56' Δ = 39°02' L'

R = 150'

T = 53.17'

L_c = 102.19'

+50 2°09' L_c = 100.22'

73255

42700.07

199+ 38.7086
+71.87

N 29°22' E

199+0

198+0

197+0

N 26-40 E?

196+77.94 EC

Sta Chord Def^c
202+63.93 BC

Curve Data

202+0

201+0

$N 9^{\circ} 40' W$
 $N 14^{\circ} 40' W$?

200+40.89 EC $19^{\circ} 31'$

+25

$16^{\circ} 29'$

$$\Delta = 39^{\circ} 02' L$$

$$R = 150'$$

$$T = 53.17'$$

$$L_c = 102.19'$$

$$L_c = 100.22'$$

200+0

$11^{\circ} 42'$

199+75

$6^{\circ} 56'$

Sta Chord Defⁿ Curve Data.

204+0 12°59'

+75 10°36'

+50 8°13'

+25 5°50'

203+0 3°26'

+75 1°03'

202+63.93 B.C.

$$\Delta = 117^{\circ}51' R.$$

$$R = 300.$$

$$T = 497.81.$$

$$L = 617.06.$$

$$L.C. = 513.90.$$

$$740.18$$

$$42570.10$$

Sta Chord Defl
+50 27°19'

Curve Data

+25 P.O.C. 24°56'

$\Delta = 117^\circ 51' R$
 $R = 300$
 $T = 497.81$
 $L_c = 617.06$
 $L_c = 513.90$

205+0 22°32'

+75 20°09'

+50 17°46'

+25 15°23'

204+0 12°59'

$\sin 24^\circ 56' = 0.42156$
 $R = 300$
 $= 600$
 25293600

Sta Chord Def^l
207+0 41°38'

Curve Data

+75 P.O.C 39°15'

$$A = 117^{\circ}51'R$$

$$R = 300'$$

$$T = 497.81'$$

$$L_c = 617.06'$$

$$L.C. = 513.90'$$

+50 36°52'

+25 34°29'

206+0 32°06'

+75 29°42'

205+50 27°19'

$$\frac{206+5 - 39-15}{24-56}$$

$$\sin 4-19 = 24728$$

$$R = 300 \quad \frac{500}{14836800}$$

$$2x = 600$$

Chord	Def ^o	Curve Data
+50	55°58'	$A = 117^{\circ}51'$, R $R = 300$ ✓ $T = 497.81$ $L_c = 617.06$ $L_c = 513.90$
+75	53°35'	
508+0	51°41'	
+75	48°48'	
+50 P.O.C	46°25'	
+25	44°02'	
207+0	41°38'	

$24-56$
 $14-20$
 $46-25$ $49-16$
 $7-18$
 $53-39$

$46-25$ $46-25$
 $47-50$ $24-56$
 $24-56$ $71-21$
 $67-54$

$46-25$
 $39-15$
 $sin 7-10$ 12.476
 $R=300$ 600
 $2R=600$ 7425600

Sta Chord Defl Curve Data

212+0

S 71° 30' E 10.28

211+0

S 71° 49' E

S 73° 15' E 10.27

210+0

209+0

208+80.99 E.C. 58° 55' 30" V

A = 117° 51' R

R = 300

T = 497.81

L_c = 617.06

L.C. = 513.90

208+75

58° 21'

208+50

55° 58'

58° 55' 30"
 46° 25'
 Sin 12-30-30 2/258
 R = 300 600
 x2 600 1299.4800

13° 41'

208+80.99 EC

10° 10'

Sta Chord Def^o Curve Data

214+00.30 EC 25°11'30"

A = 50°23' L

R = 80

T = 37.63

L_c = 70.35

LC = 68.10

73708

43513.90

214+0 215 21°52'

+75 12°55' 12°55'

+50 3°57'

213+38.95: B.C.

37.63
+76.58

S 71°49' E

574-30 E ?

213+0

212+0

Sta Chord Def^a Curve Data

750 19°52'

725 10°55'

217+0 1°58'

$\Delta = 54^{\circ}31' L$

R=80'

T=41.22'

L_c=76.12'

L.C. 73.28'

73902

43821.97

216+94.51 BC

217+35.73

216+0

215+0

214+09.30 EC

N57°48' E.

Sta Chord Defl Curve Data

221+25.89 B.C.

221+0

220+0

219+0

218+0

N 3° 17' E
N 2° 40' E

217+70.63 27° 15' 30"

217+50

19° 52'

Sta. Chord Defl Curve Data.
+75 42°43'

+50 P.O.C 35°33'

+25 P.O.C 28°24'

222+0 21°14'

+75 14°04'

+50 6°54'

221+25.89 B.C.

223+0 0.29

$\Delta = 122^{\circ}00' R$

$R = 100'$

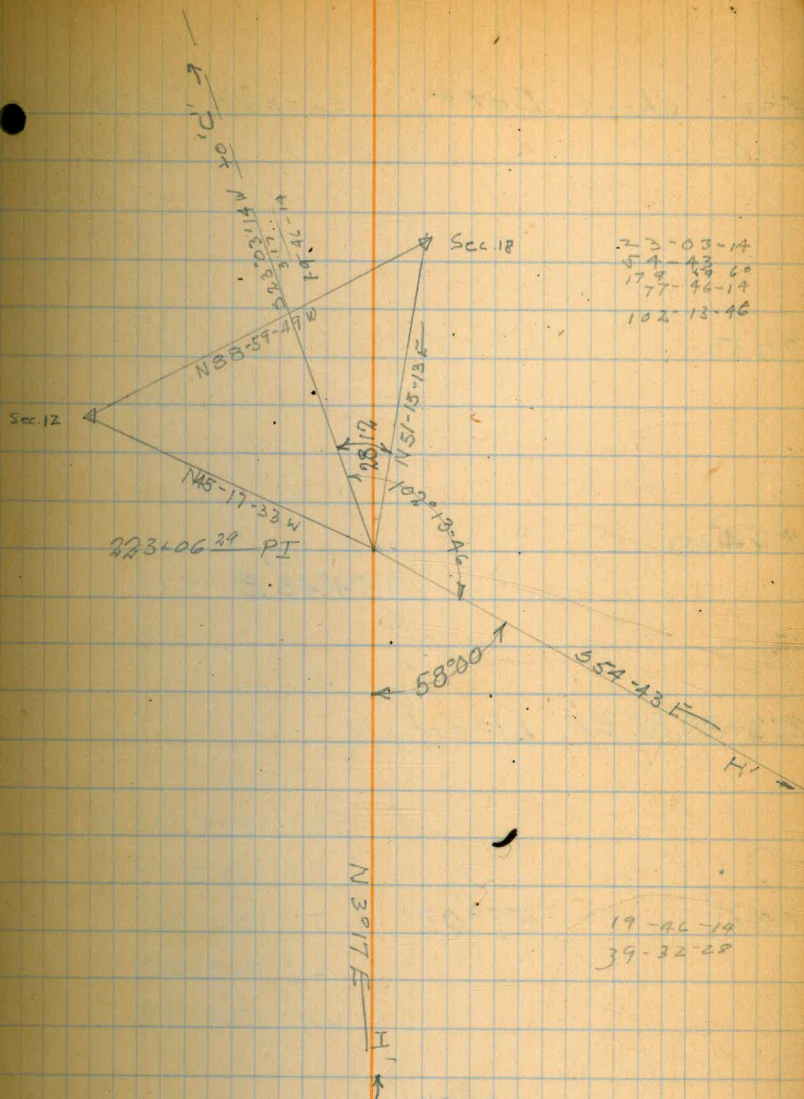
$T = 180.40'$

$h_c = 212.93'$

$LC = 174.92'$

74478

43855.01



Sta Chord Det ← Curve Data.

226+0

225+0

224+0

$554^{\circ}43'E$

223+38.82 E.C. $61^{\circ}00'$

$\Delta = 122^{\circ}00' R$

$R = 100'$

$T = 180.40'$

$L_c = 212.93'$

$L_s = 174.92'$

225

$57^{\circ}02'$

223+0

$49^{\circ}53'$

222+75

$42^{\circ}43'$

226+50

226+00

4.20'

Old Road to New Hill

12.12

E.C.

10.14

38

to

$545^{\circ}43'E$

Sta Chord Dat^r Curve Data

227+86.59 EC 8°57'

+75 7°51'

$$\Delta = 17°54' R$$

$$R = 300'$$

$$T = 47.25'$$

$$L_c = 93.72'$$

$$L_c = 93.34'$$

$$74142$$

$$44329.85$$

+50 5°27'

+25 3°04'

227+0 0°41'

180.40
26
94

226+92.87 BC

47.25
227+40.12

226+0

Sta Chord Defⁿ
+75 11°31'

Curve Data

$$\Delta = 63^{\circ}02' L$$

$$R = 150 \cdot$$

$$T = 91.98 \cdot$$

+50 6°45'

$$L_c = 165.02 \cdot$$

$$LC = 156.83$$

$$73928$$

$$44490.04$$

+25 1°58'

229+14.6784

91.98
230+06.65

229+0

228+0

S36°49'E

227+06.59EC

Sta Chord Data Curve Data

231+0

N80°09'E

230+79.69 E.C. 31°31'

+75

30°37'

$\Delta = 63^{\circ}02'$

$R = 150$

$T = 91.98$

$h_c = 165.02$

$L.C. = 156.83$

+50

25°51'

+25

21°04'

230+0

16°18'

229+75

11°31'

Sta Chord Def⁺ Curve Data

233+0

S 29°33' E
S 30°33' E

232+74.69 EC 34°39'

$\Delta = 69°18' R$

R = 80

T = 55.29

L_c = 96.76

L_c = 90.97

73970

44731.94

+50

25°48'

+25

16°51'

232+0

7°54'

231+77.93 BC

55 29
232+ 33 .22

N 80°09' E

N 81°25' E

231+0

Sta Chord Defl Curve Data

+75 13°07'

+50 4°10'

236+38.36 B.C.
25.25
237+03.64

S30°33'E

236+0

235+0

234+0

233+0

Sta. Chord Det⁴ Curve Data

240+0

239+0

238+0

N 71° 03' E

N 71-50 E

237+47.83 E.F. 39° 12'

+25

31° 02'

A = 78° 24' L

R = 80

T = 65.25

L_c = 109.47

L.C. = 101.12

73 553

44978.06

237+0

22° 04'

236+75

13° 07'

Sta Chord Defl Curve Data
242+0

N24°34'E

241+45.71 E.C. 23°14'30"

+25

17°19'

$\Delta = 46^\circ 29' L$

$R = 100$

$T = 42.95$

$L_c = 81.13$

$C = 78.92$

241+0

10°09'

73691

45379.98

+75

2°59'

240+64.58 B.C.

42.95
241 07.53

N71°03'E

240+0

452	176	207
705	354	173
288	287	62
520	323	1849
5402	22307	207
		35811

Sta Chord Def L
+75 35°55'

Curve Data

+50 26°58'

A = 83°14' R

R = 80

T = 71.07

L_c = 116.22

+25 P.O.C 18°00'

L.C. = 106.26

73912

45481.01

243+0 9°04'

+75 0°06'

242+74.70 B.C.

243+45.17

242+85.17

N24°34'E

N24-50E

242+0

74.70
EC
11.70

Sta chord Def^c } Curve Data
 +50 20°20'

$\Delta = 47^{\circ}08' L$

$R = 100$

+25 13°10' T = 43.62

$L_c = 82.26$

$L.C. = 79.96$

245+0 6°00' 73850
 45674.12

244+79.05 BC
 +51.47 .62
 +1.06 .67
 +22 .61

244+0

S72°12' E

571-50 E

243+90.92 EC 41°37'

243+75 35°55'

.105
 21
 105
 210
 220

100
 43.62
 56.38

Sta Chord Def L
+25 20°49'

Curve Data.

$$\Delta = 60^\circ 40' L$$

$$R = 80$$

247+0

11°52'

$$T = 46.81$$

$$L_c = 84.71$$

$$L.C. = 80.80$$

+75

2°55'

$$73946$$

$$45844.96$$

246+66.85 B.C.

^{46 81}
247 + 13.66

246+0

N60°40'E

245+61.31 E.C. 23°34'

^{56 38}
246 + 17.69

245+50

20°20'

858	
11.3	36.3
168	178
168	290.4
4328	2541
	363
	2901.4

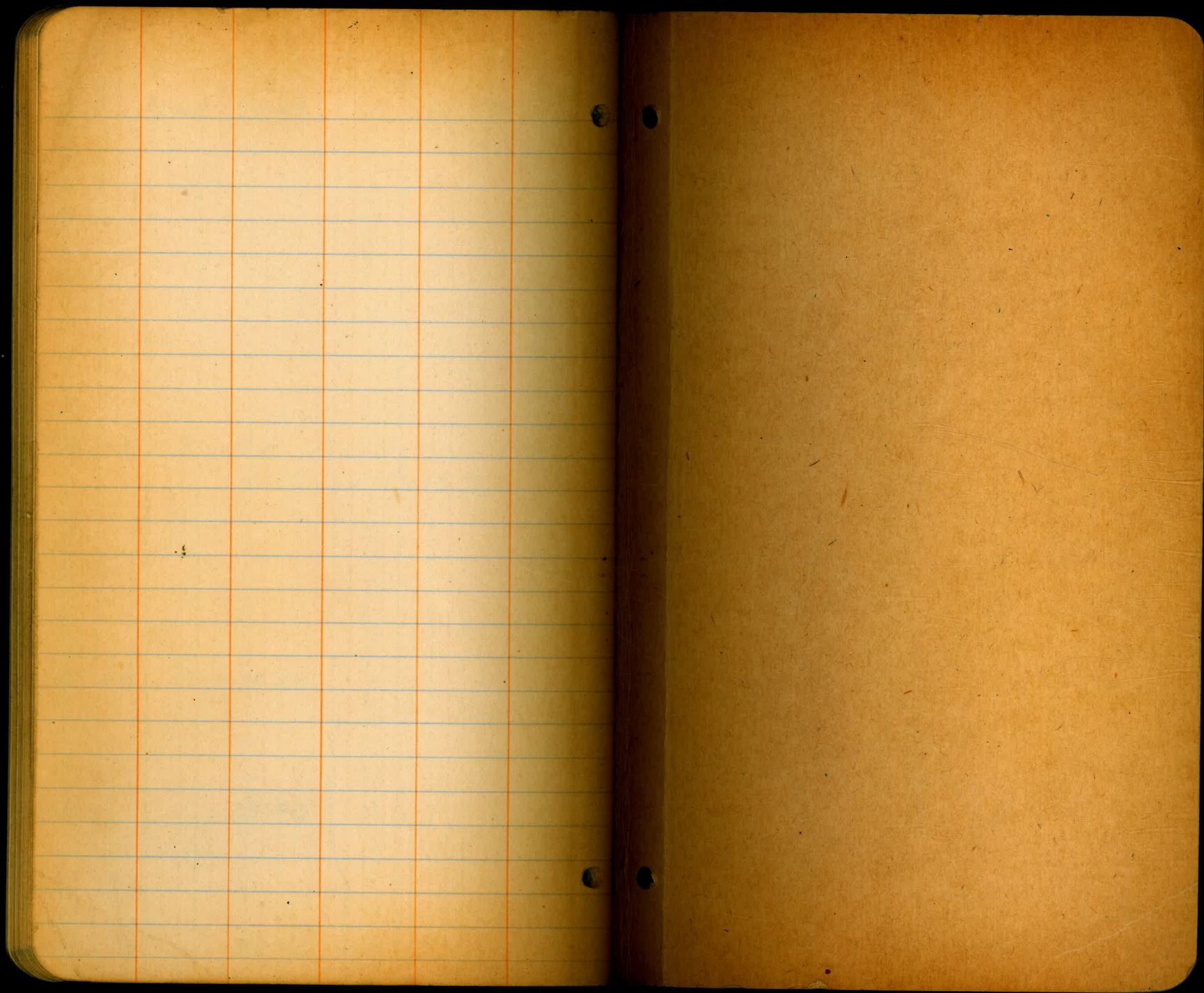
Sta Chord Det^l Curve Data

247+51.56 E.C. Continued in
H'Line Book 3.

247+51.56 EC 30°20'

+50 29°46'

247+25 20°49'



Sta
NAME $45+05^{46}$ to $86+75^{56}$ Page
 $247+51^{56}$ to $287+00$
Class _____ Course _____ Party _____

Transit Notes

H' Line

Book No. 3

FIELD NOTES

No. 403P

ESPECIALLY ADAPTED

TO THE USE OF

ENGINEERING STUDENTS

EUGENE DIETZGEN Co.

MANUFACTURERS

DRAWING MATERIALS

MATHEMATICAL AND SURVEYING INSTRUMENTS

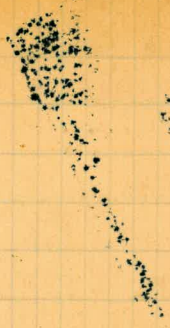
MEASURING TAPES

CHICAGO SAN FRANCISCO NEW YORK
NEW ORLEANS PITTSBURGH

MICROFILMED
JAN 14 1965



MICROFILMED
JAN 14 1965



45+90⁸⁹ EC 30°57

+75 25°16

+50 16°18

+25 7°21

$\Delta = 61^{\circ}54$ L

R = 80

T = 47.97

L = 86.43

L.C. = 82.29

45+05⁴⁶ B.C. 0°00

Sta Chord Def Curve Data.

+75

24°47'

24.94

+50

17°37'

24.93

+25

10°27'

24.94

47+00

3°18'

11.50

46+88.49 B.C.

46+00

↑
N 10°35'E Mag N 10°15'E

45+90.89 E.C.

From Book 2' H' Line

$\Delta = 82^\circ 57' L$

$R = 100$

$T = 88.39$

$L = 144.78$

$PI = 47 + 76.88$

$U.C. 132.46$

64080

4183801

Sta Chord Def Curve Data.

N 62° 05' W Mag N 61° 45' W

50+38.68 P.I. Δ 10° 17' R.

64169
41558.01

50+0

49+0

↑

N 72° 22' W N 72° W

48+33.27 E.C. 41° 28' 30"

8.27

+25

39° 06'

Δ = 82° 57' L
R = 100
T = 88.39
L = 144.78
P.I. = 47+76.88

24+54

48+00

31° 57'

24.93

47+75

24.54 24° 47'

Sta Chord Def Curve Data

#50 4°32' Δ = 15°00' L.

R = 300.

24.99

T = 39.50.

L_c = 78.54.

#25 2°09'

P.I. = 53+41.98.

L_c = 78.32

22.51.

64311

41290.01

53+02.48 BC.

53+0

52+0

51+0

sta. Chord Def Curve Data

55+0 3°35'

24.98

+75 0°0'0"

0.12

54+74.88 BC

$A = 15^{\circ}46' R.$

$R = 200.$

$T = 27.69.$

$L_c = 55.04.$

$P.I. = 55+02.57.$

64347

41133.04

54+00

N 77°05' W

Mag N 76°30' W

53+81.02 EC, 7°30'

6.02

+75 6°56'

24.99

$A = 15^{\circ}00' L$

$R = 300.$

$T = 39.50$

$L = 78.54$

$P.I. = 53+41.98.$

Sta Chord Def.
57+0 24.94 8°17'

Curve Data

$$\Delta = 27^{\circ}58' R$$

$$R = 100.$$

$$T = 24.90.$$

$$L_c = 48.81.$$

$$P.I. = 56+95.99$$

$$L.C. = 48.33$$

$$64440$$

$$40963.05$$

+75 3.90 1°07'

56+71.09 BC

56+0

↑

N 61°19' W · Mag N 61° W

?

55+29.92 · EC (7°23')

7°53'

$$\Delta = 15^{\circ}46' R$$

$$R = 200$$

$$T = 27.69$$

$$L_c = 55.04$$

$$P.I. = 55+02.57$$

$$L.C. = 54.86$$

4.92

+25 24.98 7°10'

55+0 3°35'

Sta	Chord	Def.	Curve Data
750	24.93	16°47'	$\Delta = 34^\circ 30' L$ $R = 100.$ $T = 31.05.$ $LC = 59.31$ 64630 40838.01
+25	24.94	9°38'	
59+0	8.60	2°28'	
58+91.40 BC.			

58+0

↑

N 33° 21' W Mag N 33° W

57+19.90 E.C. 13°59'

19.87

57+0 24.94 8°17'

Sta Chord Def
61+0 18°56'

24.90

+75 9°59'

24.90

+50 1°02'

2.89

60+47.11 BC.

60+0

↑

N 67°51' W Mag N 67°30' W

59+51.61 EC 17°15'

1.61

+50 24.94 16°47'

Curve Data.

- Δ = 67°51' R.

R = 80

T = 53.81

L = 94.74

PI = 61+00.92

L.C. 89.30

64698

40670.96

sta chord Def Curve Data.

64+0

63+0

62+0

↑
North Mag N 0°

61+41.85 EC 33°55'30"

16.83

+25

27°54'

24.90

61+0 24.90 18°56'

Oct 21 1927

Grottschling
Elliott
Brooks
Finlay

Sta Chord Def Curve Data

+25 22.00 6°19'

66+02.97.B.C.

66+0

N 35° 21' E. Mag N 35° 30 E

65+14.90.E.C. 17°40'30"

14.89'

65+0 13°24'

24.94

+75 6°15'

21.76

64+53.20.B.C.

$\Delta = 35^\circ 21' R$

$R = 100.$

$T = 31.87.$

$L_c = 61.70.$

$P.I. = 64+85.07.$

$L.Ch = 60.72$

65+095.03

40670.96

Sta chord Def Curve Data
 68+0 1°24'

4.88

67+95.12 B.C.

67+00

↑
East

Mag 589°45'E

66+98.35 EC 27°19'30"

23.30

+75 20°38'

24.93

+50 13°28'

24.94

66+25

$\Delta = 54^\circ 39' R.$

$R = 100.$

$T = 51.67.$

$L_c = 95.38.$

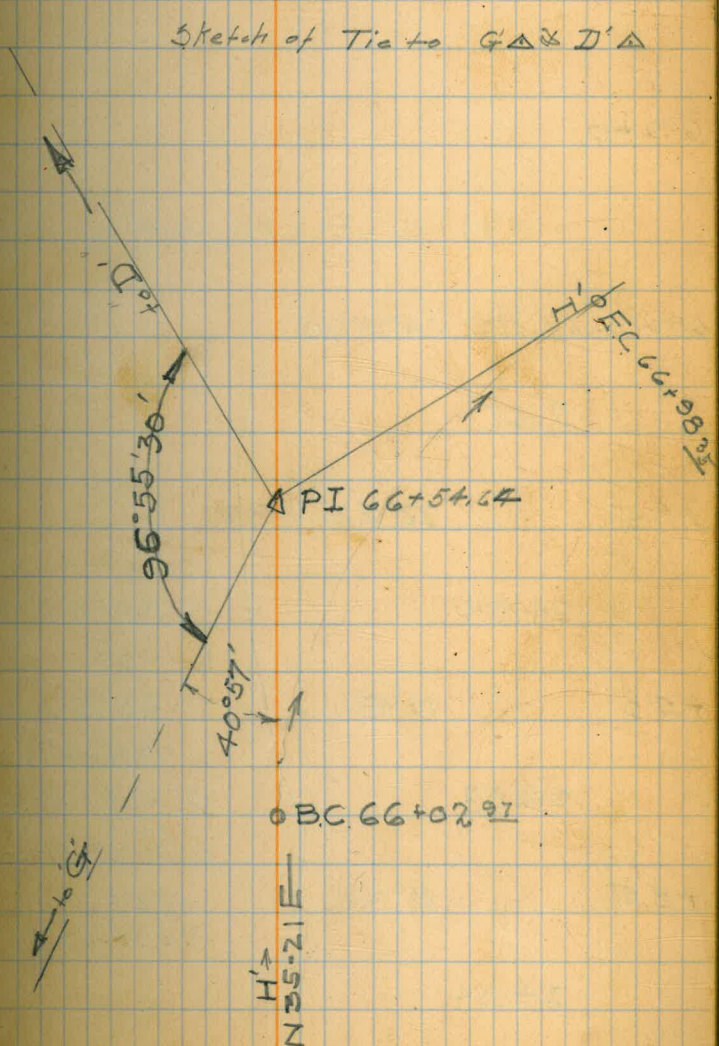
$P.I. = 66+54.64$

$L.Ch. = 91.81$

65235

40770.25

Sketch of Tie to $G\Delta$ & $D'\Delta$



Sta Chord Det Curve Data

69+0

541° 01' E Mag 540° 45' E

68+80.61 EC: 24° 29' 30"

5.61

+75 22° 53'

24.94

$\Delta = 48^\circ 59' R$

$R = 100$

$T = 45.56$

$L = 85.49$

$P.I. = 68+40.68$

$L.Ch. = 82.91$

65235

40964.25

+50 15° 43'

24.93

+25 8° 34'

24.94

68+0 4.88 1° 24'

Sta Chord Dist Curve data

71+0

↑

EAST E S 89°45' E

70+52.55 E.C. 24°29'30"

2.55

+50

23°35'

24.90

+25

14°37'

24.90

70+0

5°40'

15.82

69+84.16 B.C.

$\Delta = 48^\circ 59' L.$

$R = 80.$

$T = 36.44.$

$L_c = 68.39.$

$P.I. = 70+20.60.$

$L.Ch. = 66.33$

65095

41086.02

Sta Chord Dist Curve Data
74+0 2°03'

7.15

73+92.83 BC.

73+0

72+0

↑

N 68°17'E

Mag N 68°30'E

71+57.09 EC. 10°51'30"

7.09

+50

8°19'

23.15

71+26.77 BC.

$\Delta = 21^\circ 43' L$

$R = 80$

$T = 15.34$

$L_c = 30.32$

$P_c = 71+42.11$

$L_{Ch} = 30.14$

65095

41212.02

Sta	Chord	Def L	Curve Data
76+00	24.98	4°56'	$\Delta = 18^\circ 44' L$ $R = 200$ $T = 32.99$ $L_c = 65.39$ $P.I. = 75+98.55$ $L.Ch. = 65.10$ 65195 41652.10
+75	9.42	1°21'	
75+65.56 BC			

75+0

↑
East

Mag E

74+30.73 EC 10°51'30"

5.73

+25	7.17	9°13'	$\Delta = 21^\circ 43' R$ $R = 100$ 65195 $T = 19.18$ 41463.10 $L_c = 37.90$ $P.I. = 74+12.01$ $L.Ch. = 37.66$
74+0		2°03'	

	↑		
	East		Mag E
77+38.71	EL	9°22'	Δ = 18°44' R. R = 100. T = 16.50. L _c = 32.70. P.I. = 77+22.51. L.Ch. = 32.55 65235 41768.05
13.72			
+25		5°26'	
			Δ = 18°44' L. R = 200 T = 32.99 L _c = 65.39 P.I. = 75+98.55 L.Ch. = 65.10
18.94			
77+06.01	BC		

77+0			
	↑		
	N	71°16'	E
76+30.95	EL	9°22'	Δ = 18°44' L. R = 200 T = 32.99 L _c = 65.39 P.I. = 75+98.55 L.Ch. = 65.10
5.93			
+25		8°31'	
			Δ = 18°44' L. R = 200 T = 32.99 L _c = 65.39 P.I. = 75+98.55 L.Ch. = 65.10
24.98			
76+0	24.98	4°56'	

Sta Chord Oct 4 Curve Data

82+0

81+0

Mag 5 81° 15' E

580° 35' E

80+32.21

P.I. 9° 25' - R

65235

42 078.05

80+0

79+0

78+0

Mg E

77+38.71 EC

Sta Chord Def

Curve Data

86+00, 68.30

$560^{\circ}45'39''E$

Mag 26030E

85+19.96 EC, $9^{\circ}54'40''$

$\Delta = 19^{\circ}49'21''R$

R = 100

T = 17.47

85+0

$4^{\circ}12'$

$L_c = 34.60$

P.I. = 85+02.83

LCH = 34.41

65158

42542.33

84+85.36 BC

84+0

83+0

82+0

N 76° 39' E

Continued Book No. 1. H' Line

86+75.01 E, 21-17-40 1/2

+50

14° 07.72

$\Delta = 42^\circ 35' 21''$ L

R = 100

T = 38.98

L = 74.33

P.I. = 86+40.66

Lch. 72.63

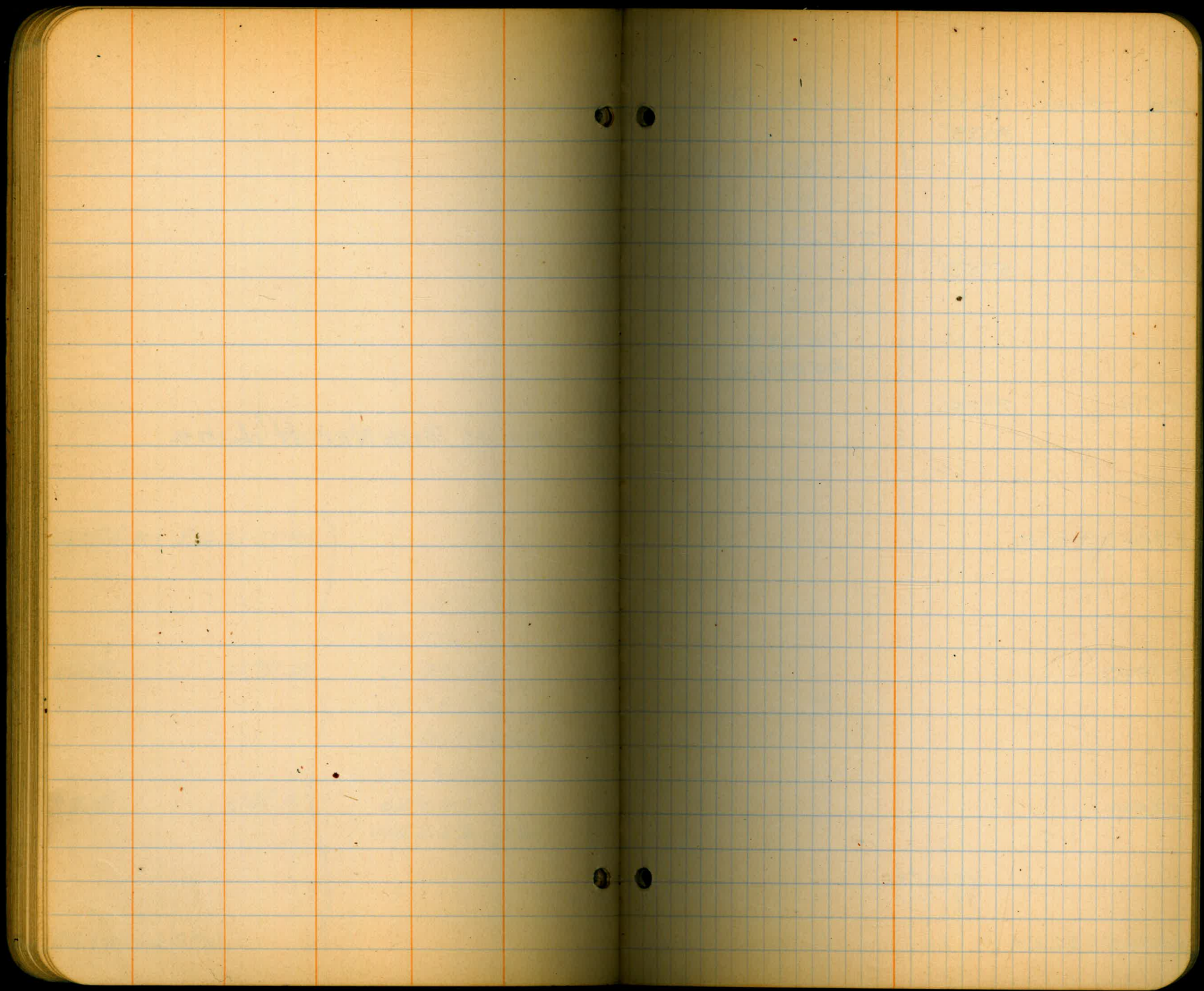
65091

42662.02

+25

6° 58.0

86+00.68 BC.



Sta chord Defⁿ
250+0 9°33'

Curve Data

$$\Delta = 30^{\circ}29' R$$

$$R = 200$$

$$T = 54.50$$

+75 5°59'

$$L_c = 106.41$$

$$L_c = 105.16$$

+50 2°24'

$$74229$$

$$45844.96$$

249+33.25 BC

249+87.75

249+0

248+0

North.
N0°30' N

247+51.56 EC

Continued from Book 2. -

Sta Chord Dctl Curve Data

254+0

253+0

252+0

251+0

N 30° 29' E

250+39.66 E, 15° 14' 30"

+25 13° 08'

250+0 9° 33'

Sta Chord Defl
257+0 20°51'

Curve Data

$$\Delta = 76^{\circ}18' L'$$

$$R = 80$$

$$T = 62.84$$

$$L_c = 106.53$$

$$L_c = 98.84$$

$$74849$$

$$46209.93$$

+75 11°54'

+50 2°57'

256+41.77 B.C.

257+04.01

N30°29'E

256+0

255+0

254+0

76 18
152-36

Sta Chord Detl Curve Data.

261+0

260+0

259+0

258+0

N45°49' W
N45°25' W

257+48.30 EC 38°09'

+25

29°48'

257+0

20°51'

Sta Chord Det L
265+0 10°37'

} Curve Data.

$$\Delta = 62^{\circ}42' L'$$

$$R = 80'$$

$$T = 48.74'$$

$$L_c = 87.55'$$

$$L_s = 83.24'$$

75430

45612, 13

+75 1°40'

264+70.34 B.C.

48.74
265+ 19.08

N45°49'W

264+0

263+0

262+0

261+0

Sta Chord Det L Curve Data.
+75 5°13'

266+56.78 BC
267+20.12

266+0

571°29' W

265+57.89 EC 31°21'

125-24

$\Delta = 62^\circ 42' L$

$R = 80$

$T = 48.74$

$h_c = 87.55$

$L.C. = 83.24$

+50 28°32'

+25 19°34'

265+0 10°37'

.044
7.7
441
343
.3871

Sta Chord Det⁺ Curve Data

269+0

268+0

N43°49' W
N 43-40 W

267+69.70 E.C. 32°21'

+50

26°42'

$\Delta = 64^{\circ}42' R$

$R = 100$

$T = 63.34$

$L_c = 112.92$

$L.C. = 107.02$

75363

45412.08

+25

19°33'

267+0

12°23'

266+75

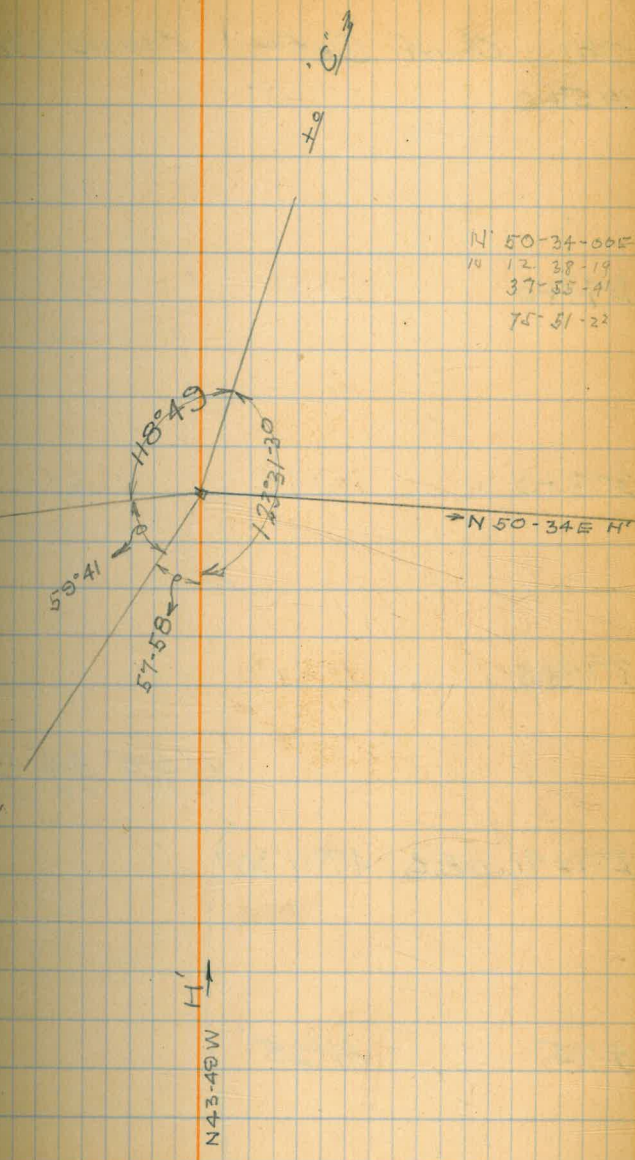
5°13'

Sta	Chord	Def ^L	Curve Data
+50		32°28'	
+25		23°31'	
271+0		14°34'	
+75		5°37'	
270+59.32 B.C.			
270+0			
269+0			

$\Delta = 94^{\circ}23' R$
 $R = 80$
 $T = 86.37$
 $L_c = 131.78$
 $L_c = 117.38$
 75680
 45107.91

270+59.32 B.C.
 8 C. 37
 271+45.69

P.I. 271+45.69
 ← to 352.12



N 50-34-00 E
 12 38-19
 37-55-41
 75-51-22

Sta Chord Defl Curve Data
275+0

274+0

273+0

272+0

N 50° 34' E
N 51° 00' E

271+91.10 EG 47° 11' 30"

+75

41° 25'

271+50

32° 28'

Sta Chord Defl
+75 33°42'

Curve Data

277+0

24°45'

$\Delta = 114^\circ 22' L'$

$R = 80$

$T = 124.06$

$L_c = 159.69$

$L.C. = 134.47$

+75

15°48'

76093

45610.11

+50

6°51'

276+30.88 B.C.

1 24 .06
277+54.94

N50°34'E

276+0

275+0

Sta Chord Defl Curve Data
+50 4°52'

278+36.41 B.C.
49 80
278+86.21

278+0

N63°48'W
N-63-25 W

277+90.57 E.C. 57°11'
30 41
45 84

+75 51°37'

228-44
 $\Delta = 114^{\circ}22' L$
 $R = 80'$
 $T = 124.06'$
 $L_c = 159.69'$
 $L.C. = 134.47'$

+50 42°39'

277+25 33°42'

278 +C 221
277 90-47
90-64

Sta chord DefL Curve Data
280+29.19 B.C.

280+0

North
N10°30'W

279+25.49 31°54'

+25 31°43'

12-7-30
 $\Delta = 63^{\circ}48' R$
 $R = 80'$
 $T = 49.80'$
 $L_c = 89.08'$
 $L_c = 84.55'$

279+0 22°46' 76190
45412.98

+75 13°49'

278+50 4°52'

Sta Chord Def Curve Data

282+0

N 79° 28' E

281+40.15 EC, 39° 44'

+25

34° 19'

¹⁵⁸⁻⁵⁶
A = 79° 28' R

R = 80

T = 66.50

LC = 110.96

281+0

25° 21'

LC = 102.27

76410

45412.98

+75

16° 24'

+50

7° 27'

280+29.198, C.

^{60 50}
280+ 95.69

Sta	Chord	Defl	Curve Data
+25		14°14'	

$$\Delta = 49^{\circ}41' L.$$

$$R = 200 .$$

284+0		10°39'	T = 92.59 .
-------	--	--------	-------------

$$L_c = 173.43 .$$

$$L.C. = 168.04 .$$

$$76473$$

+75		7°04'	45751.80
-----	--	-------	----------

+50		3°29'	
-----	--	-------	--

283+25.68.B.C. .

$\begin{matrix} 92 & 59 \\ 284 + & 18.27 \end{matrix}$

N 79°28'E .

283+0

282+0

Sta Chord Defl Curve Data
287+0 Continued Book 4 H'Line

286+0

N 29° 47' E

285+0

284+99.11 E.C. 24° 50' 30"

99-22

$\Delta = 49^{\circ} 41' L$

R = 200

T = 92.59

$h_c = 173.43$

LC = 168.04

+75

21° 23'

+50

17° 48'

284+25

14° 14'

236-30
59-40-23 117-41
57-58-34 118-47
117-38-57

117-41
57-48
59-43

123-31-30
118-44-00
59-41-00
57-48
360-59-30

12-38-19
43-49
117-58-60
56-27-19
123-32-41

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Class _____ Course _____ Party _____

Transit Notes

H' Line

Book No. 4.

FIELD NOTES

No. 403 P

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NEW ORLEANS PITTSBURGH

MICROFILMED
JUN 11 4 4 1983

1983 JUN 11 4 4 1983

Sta Chord Def. Curve Data

+75 15°07'

+50 11°32'

A = 54°17' L.

R = 200.

T = 102.53.

L_c = 189.48.

+25 7°57'

L_c = 182.48.

P.I. 288+72.01

Coord 76877

45983.02.

288+0 4°22'

+75 0°47'

287+69.4866.

^{02.53}
288+72.01

N 29°47' E.

287+0

11-2-27

P.O.G. of Tech/ing
Elliott
Bailey
Finley
Brooks

132
102.53
29.47
289.58 96
287+88.43
52.96
29.47

H' Line

286+61.50
P.I. with Pavement

Continued from Book 3, H' Line.

11-2-27

Sta. chord Defⁿ Curve Data.

291+0

290+0

N 24° 30' W.
N 23-50 W

289+58.96 E.F. 27° 08' 30" }

+50

25° 51' }

A = 54° 17' L.

R = 200.

T = 102.53.

L_c = 189.48.

L_c = 182.48.

+25

22° 17' }

289+0

18° 42' }

288+75

15° 07' }

Sta chord Det⁺ Curve Data

296+0

295+0

N 33° 21' W.

294+0

293+ 26.78; P.I. Δ 8° 51' L.

Co Ord 77305
45787.97.

11-2-27
11-3

293+0

N 24° 30' W.

292+0

291+0

Sta Chord Detl Curve Data
+75 5°09'

300+57.01 Bc
29.95
300+86.96

300+0

N 33° 21' W
N 32-45 W

299+0

298+0

297+0

296+0

11-3-27

027
18
596
87
1466

11-3-27

Sta Chord Detl Curve Data
304+15.98 B.C.

304+0

076
152
152
380
76
1135

303+0 North

Eucalyptus Trees
→ → → → → → 303+00

302+0

Well + Pump
20' x 302+10

301+15. 22 EC 16°40'30"

301+0 12°19'

300+75 5°09'

A = 33°21' R.
R = 100.
T = 29.95.
Lc = 58.21.
h.C = 57.39.
P.I. = 300+86.96
Co Ord = 77340.
45370.06

x x x x x Fence x x x 301+08

11-3-27

Sta Chord Def L Curve Data.

307+0

306+0

305+0

N 27° 18' W

N 26-40 W

304+63.63, E, 13° 39'

+50

9° 45'

+25

2° 35'

A = 27° 18' L

R = 100

T = 24.29

L_c = 47.65

L_c = 47.20

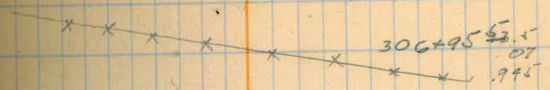
P.I. 304+40.27

Co Ord 18295

45370.06

304+15.98 B.C.

304 L 40.27



LEADER GROVE

11-3-27

Sta Chord Def Curve Data

311+0

310+0

N10°14'W
N 9+40 W

309+0

308+09.73E 8°32'

$A = 17^{\circ}04' R$
 $R = 100$
 $T = 15.01$
 $L_c = 29.79$
 $LC = 29.68$
 $PI = 307+94.95$
 Co Ord. 78611
 45206.96

308+0 5°45'

307+79.94B

307+ 94.95
15.01

307+0

11-3-27

Sta	Chord Data	Curve Data
+50	12°40'	$\Delta = 39^{\circ}52' R$ $R = 100$ $T = 36.27$ $L = 69.58$
+25	5°31'	$L.C. = 68.19$ $P.I. = 314+42.03$ Co Ord 79248 45091.96

314+05.76 BC

$\frac{36.27}{314+42.03}$

314+0

3+3+0

312+0

311+0

Sta Chord Defl
+75 13°44'

Curve Data

$\Delta = 32^\circ 41' L$

$R = 100$

$T = 29.32$

$L_c = 57.04$

+50 6°34'

$L_c = 56.27$

$P.I. = 315 + 56.41$

Coord 79350
45149.98

315+27.09 B.C.

29.32
315 + 56.41

N 29°38'E
N 30°25'E

315+0

314+75.34 E.C. 19°56'

+75 19°50'

314+50 12°40'

11-3-27

23
42
46
29
274

11-3-27

Sta Chord Defl Curve Data
+50 0°29'

+25 5°54'

322+0 2°19'

321+83.83 B.C.
99.28
322+83.11

321+0

320+0

N7°16'E
N7-50E

319+50.43 P.I. Δ=10°19' R.

11-4-27

Sta Chord Defl Curve Data.

324+0

N60°04'E

323+68.14 E.C. 26°24'

$\Delta = 52^\circ 48' R$

$R = 200$

$T = 99.28$

+50

23°48'

$L_c = 184.31$

$L.C. = 177.86$

$P.I. = 322+83.11$

Co Ord 80075

45171.01

+75

20°13'

323+0

16°38'

+75

13°04'

322+50

9°29'

11-4-27

Sta Chord Def Curve Data
326+0

325+34.47, EC 17°13'30"

N25°37'E
N26-15 E

+25 14°31'

A = 34°27' L

R = 100

T = 31.00

325+0 7°21'

Lc = 60.13

L.C. = 59.23

P.I. = 325+05.34

775 0°11'

Co Ord = 80193

45375.94

324+74.34 BC

325+05.34

324+0

11-4-27

Sta	chord Def	Curve Data
328+09.37	EC, 22°47'	} $\Delta = 45^{\circ}34' R$ $R = 100$ $T = 42.00$ $L_c = 79.53$ $L_c = 77.45$ $P.I. = 327+71.84$ $C.O.Ord. = 80435$ 45491.97
328+0	20°06	
+75	12°56'	
+50	5°47'	
327+29.84	BC	
327+0		
326+0		

15-4-27

Sta Chord Data Curve Data

329+86.49 EC	19°47'30"	79-10
		A = 39°35' L
		R = 100
		T = 35.99
+75	16°30'	L _c = 69.09
		L _c = 67.72
		P.I. = 329+53.39
+50	9°20'	Co Ord. 80495
		45668.05

+25 2°11'

329+17.40 BC
304
+53.39

329+0

3 328+09.37 EC

N 71°11' E
N 71-45 E

11-4-27

Sta	Chord	Def	Curve Data
332+0		17° 32'	116-42 A = 58° 24' R. R = 100. T = 55.89.
+75		10° 22'	L _c = 101.93. L _i C = 97.57. P.I. = 331+94.71. CoOrd = 80703. 45796.01.
+50		3° 22'	

331+38.82 BC

331+0

330+0

329+86.49 EC

N 31° 36' E
N 32 - 15 E

Sta Chord Def^l Curve Data

336+0

335+0

334+0

333+0

East.

332+40.75 EL. 29°12'

+25

24°41'

332+0

17°32'

11-4-27

Sta Chord Defl
+25 30°58'

Curve Data

$$\Delta = 68^\circ 25' L$$

$$R = 100$$

$$T = 67.98$$

$$L_c = 119.41$$

$$L_c = 112.44$$

$$P.L. = 336+84.86$$

$$Co Ord. = 80703$$

$$46296.01$$

337+0 23°49'

+75 16°39'

+50 9°29'

+25 2°19'

$$336+16.88 BK$$

27 98
+ 84.86

336+0

11-4-27

$$V = 14^\circ 56'$$

$$D = 66.66$$

$$\frac{.96623}{.6666}$$

$$579738$$

$$579738$$

$$579738$$

$$647082718$$

$$\frac{84.86}{64.41} = 1.318$$

$$\frac{67.98}{15.86} = 4.286$$

$$\frac{67.98}{64.41} = 1.055$$

$$\frac{52.98}{.12} = 441.5$$

Sta Chord Def^L Curve Data

339+0

N40°15'E

338+74.80 EF 9°20'

$\Delta = 1840' R$

R = 100

T = 16.44

L = 32.58

L.C. = 32.44

+50

2°14'

P.I. = 338+58.66

Co Ord = 80880

46366.03

338+42.22 BC

338+0

N21°35'E

N22°10'E

337+36.29 EF 34°12'30"

337+25

30°58'

Sta	Chord Def	Curve Data
+75	24°52'	$\Delta = 75^\circ 57' L$ $R = 100$ $T = 78.06$
+50	17°42'	$L_c = 132.56$ $L_s = 123.06$ $P.I. = 341+66.26$
+25	10°32'	Co Ord 81115 46564.97

341+0 3°23'

340+88.20 BC.

N40°15'E

340+0

339+0

95-14-08 159-21
83-47-01
159-01-09

Sta Chord Det^r
+25 8°01'

Curve Data.

$$\Delta = 43^{\circ}15' R.$$

$$R = 200.$$

$$T = 79.29.$$

343+0 4°26'

$$L_c = 150.97.$$

$$L.C. = 147.41.$$

$$P.I. = 343+48.34.$$

$$CoOrd = 81282.$$

+75 0°51'

$$46444.97.$$

342+69.05 Bf.

N35°42' W.

N35-00 W

342+20.76 Ec. 37°58'30".

342+0 32°02'

341+75 24°52'

Sta Chord Def⁺ Curve Data

346+0

345+0

N7°33'E.

344+20.02 E. 21°37'30"

344+0

18°45'

+75

15°10'

+50

11°36'

343+25

8°01'

Sta Chord Det^L Curve Data

348+0

N42°22'W

N42-00W

347+ 24.25 FC 24°57'30"

99.50

$\Delta = 49°55' L$

R = 100

347+0

18°01'

T = 46.54

L_c = 87.12

L_C = 84.39

P.I. = 346+83.67

+75

10°51'

CoOrd = 81622

46490.03

+50

3°41'

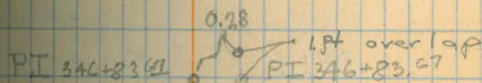
346+ 37.13 B.C.

346+0

46.54
22.00
24.54
13.00
11.54

100.00
24.54
75.46
24.25

347+99.71



Sta Chord Def.
350+29.91 EC 17°50'

Curve Data

+25 16°26'

$$\Delta = 35^\circ 40' L$$

$$R = 100$$

$$T = 32.17$$

$$L_c = 62.25$$

$$L_c = 61.25$$

350+0 9°16'

$$P.L. = 349+99.83$$

$$C.O. Ord. = 81860.46272.96$$

+75 2°06'

349+67.66130

349+0

348+0

$$\begin{array}{r} \sin 1-24 = 0.24 \\ \times 4.9 = 1.176 \end{array}$$

$$\begin{array}{r} \sin 2-34 = 0.5 \\ \times 29.9 = 14.95 \\ \hline 15.2 \\ 30 \\ \hline 4.485 \end{array}$$

$$\begin{array}{r} \sin 2-06 = 0.37 \\ \times 7.3 = 2.699 \\ \hline 11.1 \\ 12.701 \end{array}$$

Sta chord DefL Curve Data

355+0 3°11'

354+88.90BF

354+0

353+0

N78°02'W

352+0

351+0

350+29.91EC

Sta Chord DefL Curve Data

357+0

N 13° 13' W
N 12-25 W

356+0 2.02 Ec. 32° 24' 30"

129-39

$\Delta = 64^\circ 49' R$

$R = 100$

$T = 63.48$

$L_c = 113.12$

$L_c = 107.19$

P.I. 355+52.38

Coord 81975.

45730.38

356+0

31° 50'

+75

24° 40'

+50

17° 30'

+25

10° 20'

355+0

3° 11'

Sta Chord Dist Curve Data

362+78.87 B.C.

362+0

361+0

N 13° 13' W

360+0

359+0

358+0

357+0

365+69.60 B.C.

Continued in Book 6. H' Line

365+0

N 17° 01' E

364+0

363+31.64 E 15° 07'

A = 30° 14' R

R = 100

T = 27.01

Lc = 52.77

L.C. = 52.16

P.I. = 363+05.88

G.O.Ord = 82722

4554.94

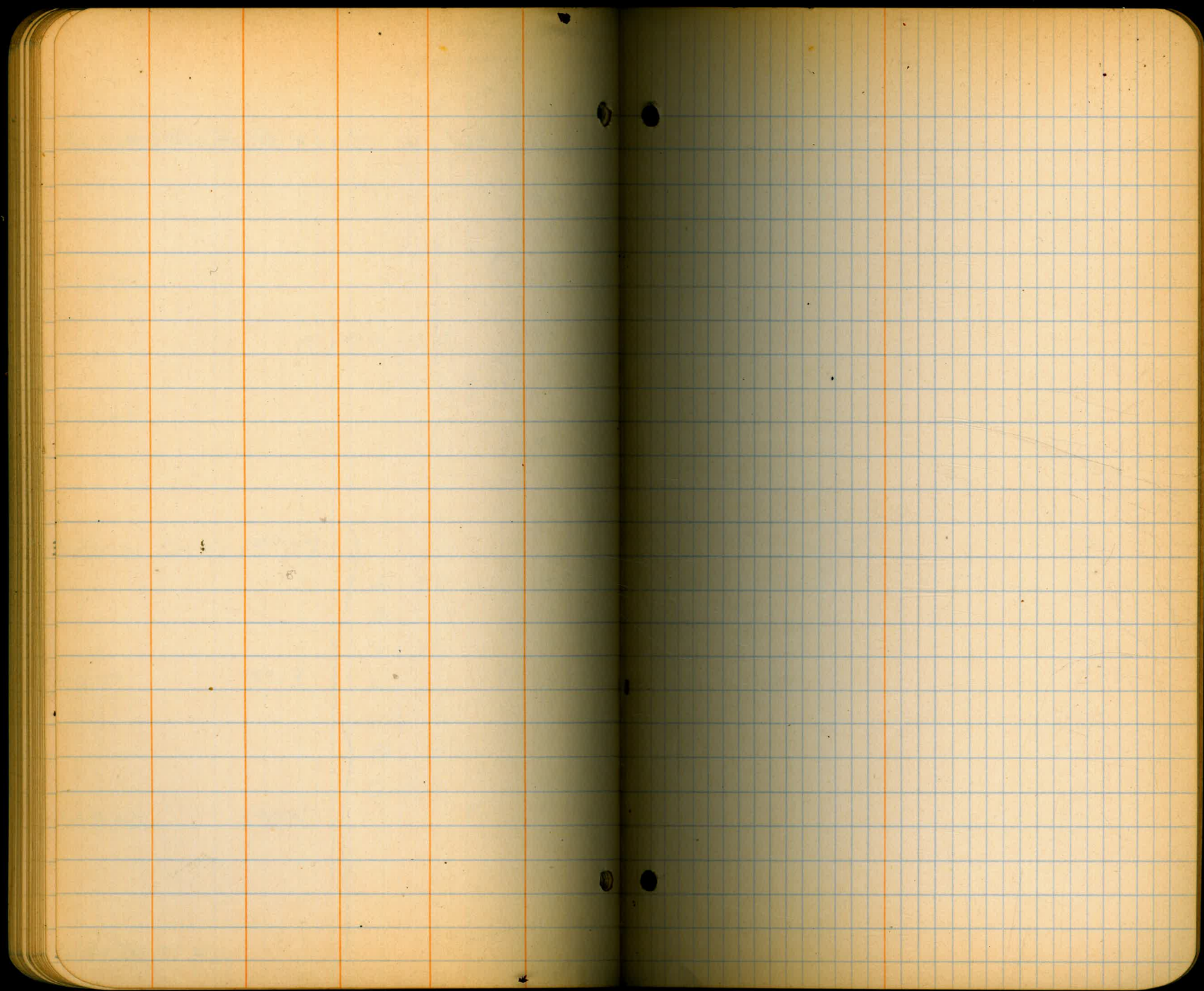
+25

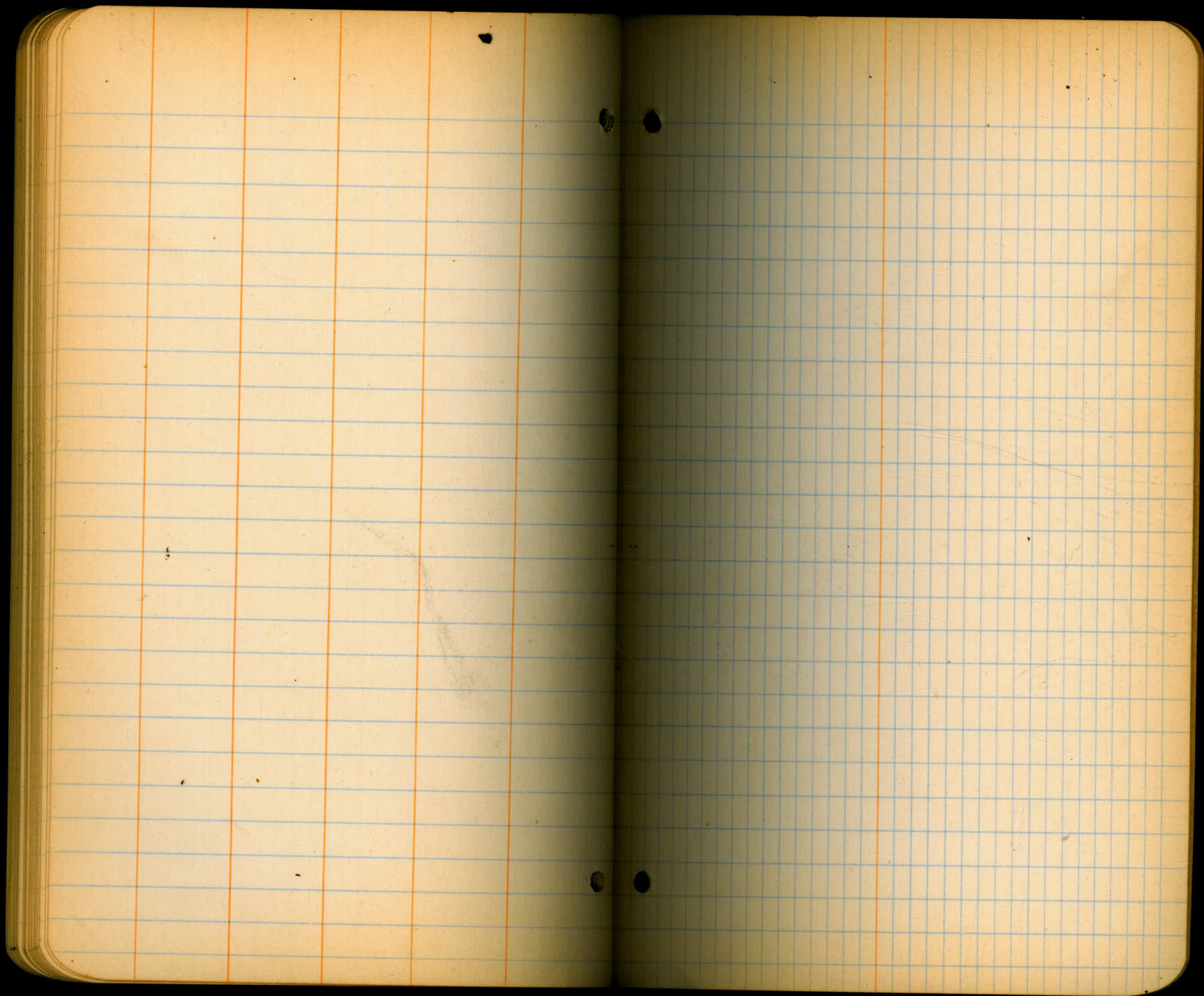
13° 13'

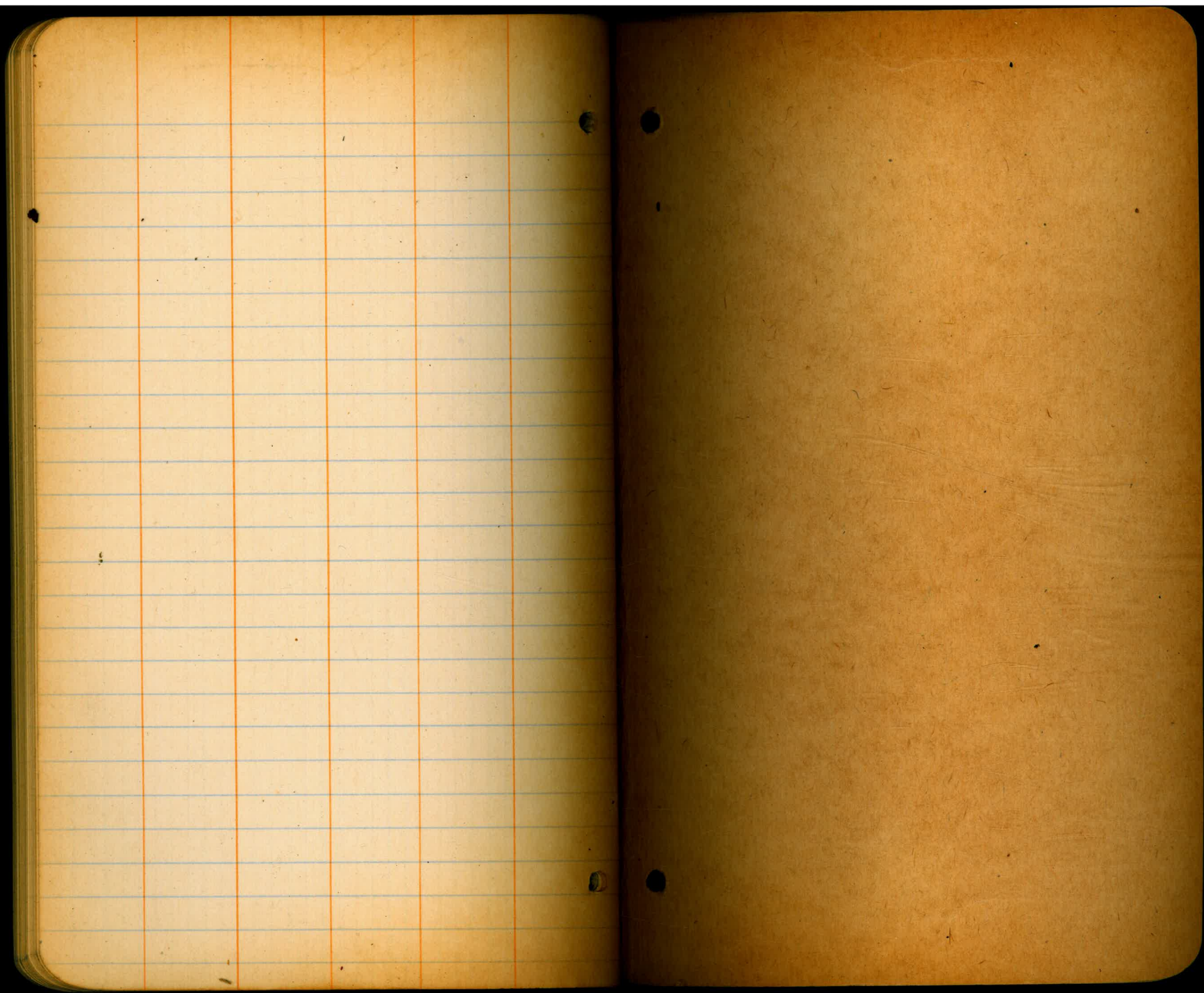
363+0

6° 03'

362+78.87 B.C.







NAME.....

Class..... Course..... Party.....

Transit Notes.

H' line

Book 5.

FIELD NOTES

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JAN 4 1992

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JAN 4 1992

Sta Chord Defl Curve Data

+50

367+00

+50

N 11° 52' W.
N 11-20 W

366+20.0° EC. 14° 26' 30"

366+00 8° 42'

Δ 28° 53' L

R = 100

T = 25.75

L = 50.41

L.Ch. = 49.88

+75 1° 33'

P.I. = 365+95.35

+75

Co. Ord = $\frac{83000}{45640.00}$

365+69.00 BC.

N 17° 01' E

370+24.75 E.C.

12°41'

N 13°30' E.

370+100

5°36'

369+80.98 B.C.

+50

369+100

+50

368+100

$$A = 25.22 \cdot R.$$

$$R = 100.$$

$$T = 22.51.$$

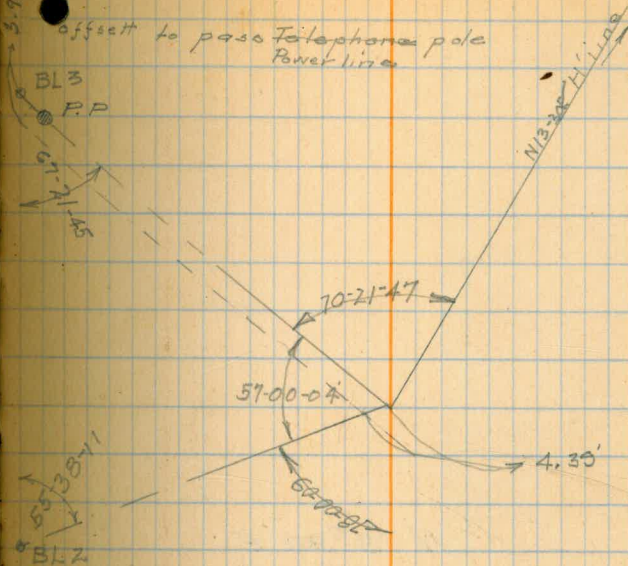
$$L = 44.27.$$

$$L.C.H. = 43.91.$$

$$P.L. 370 + 02.99.$$

$$83400.$$

$$Co. Ord = 45555.97.$$



+50

373+00

+50

N 13° 30' E
N 14-20 E

372+00

+50

371+00

370+50

377+00

+50

376+00

N 13° 30' E ·
N 14 - 00 E

+50

375+00

+50

374+00

+50

380+00

+50

-

379+00

379+00 ~

+50

378+00

377+50

+75

14°45'

+50

7°36'

+25

0°26'

$$\Delta = 92.10^\circ \angle$$

$$R = 100.$$

$$T = 38.55.$$

$$L = 73.59.$$

$$LCh = 71.95.$$

$$P.I. = 382 + 62.05.$$

$$CoOrd = 8762.5.$$

$$CoOrd = 45850.07.$$

382+2350 B.C.S.

382+00

+50

381+00

$$\sin 7-36 = .13$$

$$\times 22.5 = 2.925$$

$$2.925$$

$$2.925$$

$$2.925$$

$$2.925$$

$$\sin 6-20 = .11$$

$$\times 22.1 = 2.421$$

$$2.421$$

$$2.421$$

$$2.421$$

$$2.421$$

+50

385+00

+50

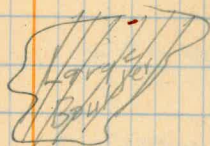
384+00

+50

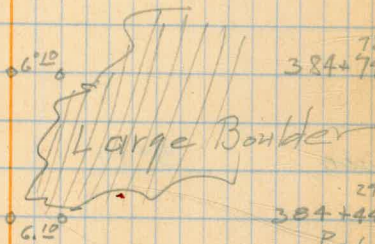
383+00

N 28° 40' W.
N 27-50 W

382+97.99 E.C. 21° 05'



386+19.21
66.09
385+53.13



78.95
384+74.18

29.46
384+44.72
Plot

+50

N 7° 51' W.
N 7-20 W

387+03.89 EC

10° 24' 30"

387+00

9° 17'

+75

2° 08'

386+67.56 BC

41-38
 $\Delta = 20^\circ 49' R.$

R=100

T=18.37

U=36.33

UCh=36.13

Pl.=386+85.93

85000
Co.Ord=45645.08

Sin 2° 08' = 0.37

x 7.4
7.4
25.2
27.38

67.56
38+67
28.91
50
11.35
38.65
85.93
38.65
47.28

11.35
85.93
8



85.93
386+19.21
66.72

386+00

391400

+50

390400

+50

389400

+50

388400

N 7° 51' W

$$V = 9.33 = 98614$$

D 95.85

95.85

483070

788912

483070

887526

914205190

8.37

76.05

387403.89

387479.94

20.06

+75 13°37'

+50 11°14'

+25 8°51'

392+00 6°28'

+75 4°04'

+50 1°41'

$$\Delta = 32.45' R.$$

$$R = 300.$$

$$T = 88.15.$$

$$L = 171.48.$$

$$LCh = 169.15.$$

$$P.L. = 392 + 20.53.$$

$$CoOrd = \begin{matrix} 85530. \\ 45571.98. \end{matrix}$$

391 + 32³⁸ B.C.

+50

395+00

- +50

394+00

+50

N 24° 54' E
N 25° 40' E

393+0386 EC 16° 22' 30"

393+00

16° 01'

sin 2-24 = 0.41
x 25 = 10.25
200
0.2
1025

398+00

+50

N 56² 56 E.
N 57 - 40 E

397+05 95 E.C. 16° 01'

397+00

14° 19'

+75

7° 09'

396+50 0° B.C.

$\Delta = 32^{\circ} 02' R.$

$R = 100.$

$T = 28.71.$

$L = 55.91.$

$LCh = 55.18.$

$P.I = 396+78.75.$

$CoOrd = 85950.$

$45766.94.$

396+00

400+00

N 27° 04' E.

399+62.96 E.C. 14° 56'

+50 11° 13'

+25 4° 04'

$\Delta = 29^{\circ} 52' L$

$R = 100$

$T = 26.67$

$L = 52.13$

$LCh = 51.54$

$Pl = 399 + 37.50$

$CoOrd = 86092$
 45985.04

399+1083 B.C.

399+00

398+50

39.18
26.67
12.51
52.96
399 + 75.77

402+00

+50

N 77° 44' E
N 48-30 E

401+01.24 EC. 10° 20'

401+00

9° 50'

$\Delta = 20^\circ 40' R$

$R = 100$

$T = 18.23$

$L = 36.07$

$LCh = 35.87$

+75

2° 49'

$PI = 400 + 83.40$

$CoOrd = 86223$

46051.28

400+65.17 BC.

400+50

400 65.17
399+75.47
89.70

405+00

+50

404+00

+50

403+00

402+50

407+00

+50

406+00

N 22° 02' E

405+51⁰³ EC: 12° 51'

+50 12° 32'

+25 5° 22'

D = 25° 42' L

R = 100

T = 22.81

L = 99.85

LCh = 44.48

P1.405 + 29.05

86523

Coord = 46382.06

405+06²⁹ BC:

East.

N 89-10 E

408+90⁵⁶ EC 33°59'

+25 29°31'

408+00 22°22'

+75 15°12'

+50 8°02'

+25 0°53'

407+21⁹² B.C

135-66

$\Delta = 67.58' R.$

$R = 100.$

$T = 67.91.$

$L = 118.62.$

$L.C. = 111.79.$

$P.1 = 407 + 89.35.$

$CoOrd = 86765$
 46980.00

$67.91 \times \sec. V 13^\circ = 1.0263$

1.0263

70223

40446

13482

67410

69182888

410+25

16°29'

410+100

9°19'

$$\Delta = 77^\circ 48' L.$$

$$R = 100.$$

$$T = 80.69.$$

$$L_i = 135.79.$$

+75

2°10'

$$L.Ch = 125.59.$$

$$P.I = 410+48.15.$$

$$Coord = \begin{matrix} 86765. \\ 96755.00. \end{matrix}$$

409+67.86 B.C.

+50

409+100

408+50

+50

412+00

+50

N 12° 12' E
N 13 - E

411+03²⁵ E, G, 38° 54'

$$V = 22^{\circ} 20' \cos = 92.499$$

$$D = 100 = 92.50$$

$$411+03.25$$

$$92.50$$

$$411+95.75$$

411+00

37° 58'

$$\Delta = 77.98' L$$

$$R = 100$$

$$T = 80.69$$

$$L = 135.79$$

$$LCh = 125.59$$

$$V = 16^{\circ} 55' \cos = 95.673$$

$$D = 100 = 95.67$$

$$125.59$$

$$95.67$$

$$29.92$$

+75

30° 48'

$$PI = 410 + 48.15$$

$$Colrd = 86765$$

$$46755.0$$

410+50

23° 30'

+50

N 42° 22' W

414+2122 EC. 27° 17'

414+00 21° 12'

+75 14° 03'

+50 6° 53'

413+25⁹⁸ EC

413+00

$$A = 54.39' \quad L = 54.94'$$

R = 100. running South

$$T = 51.58$$

$$L_1 = 95.24$$

$$LCh = 91.68$$

$$P.I = 413+77.56$$

$$CoOrd = 87112$$

$$CoOrd = 46830.02$$

$$V = 26.55 \cos = 89167$$

84.7

$$D = 84.70 \quad \frac{624169}{352668}$$

713334

7352449

5158

$$\frac{413+25.98}{2314} = 23.94$$

$$413+02.04 = 413+03.58$$

Sta. Cord Defl. Curve Data

417+00

+50

N62° 14' W.

416+16.89 E.C. 9° 56'

$$\Delta = 19^{\circ} 52' 44''$$

$$R = 100$$

$$T = 17.51$$

$$L = 39.67$$

$$LCh = 34.50$$

$$PI = 415+99.73$$

$$Coord = 46674.97$$

416+00

5° 06'

415+82.22 B.C.

+50

415+00

376° 39' W.
419+5562 E.C. 20° 33' 30"

+50 18° 57'

$$\Delta = 41^{\circ} 07' L$$

$$R = 100$$

$$T = 37.50$$

+25 11° 47'

$$L = 71.76$$

$$LCh = 70.23$$

$$P.L. = 419 + 21.36$$

$$CoOrd = \begin{matrix} 87432 \\ 46390.07 \end{matrix}$$

419+00 4° 37'

418+83⁸⁶ B.C.

418+50

418+00

417+50

+50 35°13'

+25 28°03'

421+00 20°53'

+75 P.O.C 13°43'

+50 6°34'

420+27¹⁰ B.C.

5502
71.42

420+00

S 76° 39 W

$$A = 86^{\circ} 48' R.$$

$$R = 100.$$

$$T = 94.57.$$

$$L_i = 151.49.$$

$$LCh = 137.42.$$

$$P.I. = 421 + 21.67.$$

$$CoOrd = 87385.$$

$$46192.02.$$

11-9-27

422+94⁷⁶ EC, N16°21' E, 16°27'

$$\Delta = 32^{\circ} 54' R.$$

$$R = 100$$

$$T = 29.53$$

$$L = 57.92$$

$$LCh = 56.64$$

$$P.I. = 422+66.57$$

$$Coord = 87560, 96190.02$$

422+75 10°52'

+50 3°43'

422+37⁰⁹ B.C.

422+00

N 16°33' W
N 15°45' W

421+78⁵³ EC, 43°24'

$$\Delta = 86^{\circ} 48' R.$$

421+75 42°22'

$$V = 12.46 \cos = 9752.8$$

$$D = 45.02$$

45.02
1750.56
5551.68
4876.40
3901.2
444924.736
29.53
14.96
422+74.76
423+07.72

sin 5-25	0.094
x 195	19.5
	470
	876
	98
	12330

sin 3-43	0.065
x 13	13
	10
	6
	345

+50

425

+50

424

+50

423

+50

427+00

North.
N0°45'W

+98⁰⁴ E.C. 8°10'30"

A=16°21' L

R=100

+75 : 1°35' T=14.37

L_c=28.54

Lchd=28.44

P.I.=426+83.87

426+69⁵⁰ B.C.

Coord= 87962
46257.95

+50

426

431+00

+50

430+00

+50

429+00

+50

428+00

433+04³² E.C. 26°30'30"

433

25°16'

+75

18°06'

$\Delta = 53^{\circ}01'R.$

$R = 100.$

$T = 49.88.$

+50

10°57'

$L = 92.53.$

$Lchd = 89.27.$

$P.I. = 432+61.67.$

$Coord = \begin{matrix} 88540. \\ 96257.95. \end{matrix}$

+25

3°47'

432+11²⁹ B.C.

432

431+50

435

N 13° 26' E
N 14 - 30 E

+70³⁹ E.C. 19° 47' 30"

A = 39° 35' L

+50

13° 57' R = 100

T = 35.99

L_c = 69.09

Lchd = 67.72

+25

6° 47'

P.I. 334 + 37.29

88650

Coord = 46404.01

+01³⁰ B.C.

434

N 53° 01' E
N 54 - E

433+50

+50

438

+50

437

+50

436

435+50

441

13° 13'

10.9-44
 $A = 54^{\circ} 52' L$

$R = 100$

+75

6° 03'

$T = 51.91$

$L_c = 95.76$

$L_{chd} = 92.14$

P.I. $441 + 05.78$

$C_{00+d} = 46559.98$
95

+53⁸² B.C

+50

440

+50

439

+21 ⁷² E.C. 18°10'

443

11°57'

$$\Delta = 36^{\circ}20'P.$$

$$R = 100$$

$$T = 32.81$$

+75

4°47'

$$L = 63.41$$

$$Lchd = 62.36$$

$$P.I. 442 + 91.12$$

$$Cchd = 46932.0$$

+58 ³¹ B.C.

+50 :

442

N 41°26' W
N 40-24 W

+49 ⁶³ E.C. 27°26'

$$\Delta = 54^{\circ}52'$$

441 + 25

20°23'

$$\begin{array}{r} 6-13 \sin 2.11 \\ \times 2.7 \\ \hline 2.1 \\ 2.2 \\ 2.31 \end{array}$$

21.72

$$\begin{array}{r} 4-47 \sin = 0.8 \\ \times 1.67 \\ \hline 1.27 \\ 1.36 \\ \hline 1.336 \end{array}$$

131

446

+50

9

445

+50

444

443+50

N 50° 6' W
N 9 - 20 N

+50

448

+50

447

N15°24'E.

+67⁰⁴ E.C. 10°15'.

$\Delta = 20^{\circ}30' R$

$R = 100$.

+50

5°22' T. = 18.08.

L = 35.78.

Lehd = 35.59.

P.I. = 446 + 49.34.

89807.
C.O.H.d = 46399.96.

446 + 31²⁶ B.C.

32.16
48.08
57.07

N 27° 03' E.
N - 28 - 30 E

16.73
16.20
17.93

+98 ²⁷ E.C.: 5° 49' 30" A = ²³⁻¹⁸ 11° 39' R.

R = 100.

T = 10.20.

L = 20.33.

+77 ⁹⁹ B.C.

Lchd = 20.30.

P.I. = 449 + 88.14.

90134.
CoTd = 46490.03.

+50

449

005723

3/20
9.66
13.22
C 05 11336"

35
121.5
17.5

.642965

3.99

4.75747

SIN 072145
SIN 57-00-09

.83868

3.990000
335472
635280
597076
482040
419340
627000
587076
399240
335472
637680

4.75747
92295
2378735
4281743
751494
951494
4281723
4.3909069365

.95977

2850.255

1.5184

99977

2849.60700
199989

692965

.97630000
692965

850060
799816

333350
3212825

502998
4999885

1185250
692965

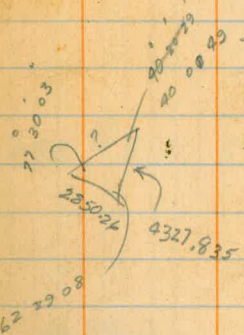
255500
199959

592285
5143720

555460
499985

2991380
2571860

555750



64734

.005723

4327.835

= 19.90

805723

12983505

8655770

30294845

21639175

24.768200705

62 29 08

09 28

19 90

.642965

.9763

517 00 00 42

77 30

2850.26

1.5184

1140109

2280208

285026

1425130

285026

4327.834784

67-21-41

57-00-09

176 59 53

724-21-49

55-38-11

07-21-45

57-00-09

55-38-11

N 44-08-07 E

24.768

64734

99072

74809

173376

99072

148608

1603331712

NAME.....

Class..... Course..... Party.....

Transit Notes

H' Line

Book 6.

FIELD NOTES

No. 403P

ESPECIALLY ADAPTED

TO THE USE OF

ENGINEERING STUDENTS

EUGENE DIETZGEN Co.

MANUFACTURERS

DRAWING MATERIALS

MATHEMATICAL AND SURVEYING INSTRUMENTS

MEASURING TAPES

CHICAGO SAN FRANCISCO NEW YORK
NEW ORLEANS PITTSBURGH

MICROFILMED
JAN 11 1985

100-100000-100000

100-100000-100000

453.

+50

452

N. 27° 03' E. ✓

+50

451

+50

450

456

+50

N 27°03'E ✓

455

+50

454

453+50

458

+50

457

N 58° 20' E ✓

+74 ⁹⁰ E.C. 15° 38' 30"

+50

8° 31'

$\Delta = 31.17$ ✓ R. ✓

$R = 100$ ✓

$T = 28.00$ ✓

$L_c = 54.60$ ✓

$Lchd = 53.92$ ✓

+25

1° 21'

$P.I. = 456 + 48.30$ ✓

$Coord = \begin{matrix} 90722 \\ 96790.28 \end{matrix}$ ✓

456 + 20 ³⁰ B.C. ✓

7.07 sin = .17
x 249 249
 108
 28
 2.928

1.21 sin .023
x 47 47
 161
 92
 1091

460

+50

N 32° 34' E ✓
N 33° 40' E

+31⁸⁷ E.C. 12° 53'

51.32

A = 25° 46' L ✓

+25 : 10° 55' R = 100 ✓

T = 22.87 ✓

L_c = 44.97 ✓

L_{chd} = 44.59 ✓

459

3° 45' P.I. = 459 + 09.77 ✓

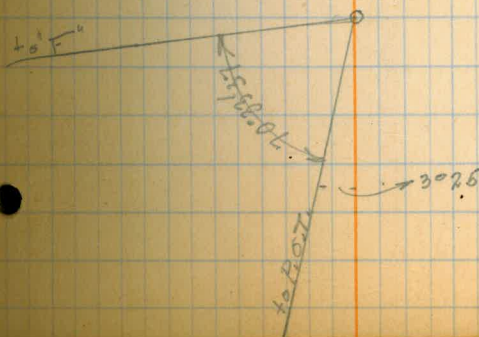
90860
Co_otd = 47014.01 ✓

+86⁹⁰ B.C. ✓

458 + 50

1-68 sin = 0.34
x 69
2.06
20.9
23.46

3° 45' = m = 0.065
x 13.1
0.85
6.5
0.515



+72²⁶ E.C. 14°42'30"

+50

8°20'

58-50

$\Delta = 29^{\circ}25' R.$

$R = 100$

$T = 26.25$

467+25

1°10'

$L = 57.34$

$Lchd = 50.78$

$P.I. = 462 + 47.18$

$Coord = 91145$
 47196.04

+20⁹² B.C.

462

+50

461

460+50

22.26
- .11
22.26
22.26
2.4486

$\sqrt{94^{\circ}52'00''} = 9666$
 $\times 62.72$
6272
19332
67662
19332
57996
60625152

461+50
12.75
461+37.25
60.62
461+97.87

100.00
72.26
27.74
26.25
53.99

467

+50

466

+50

465

N 17° 11' E

464+50

+50

469

+50

468

N39°18'E ✓
~~N40°40'E~~

+69⁰³ E.C. 11°03'30"

$\Delta = 22^{\circ}07' R.$ ✓

R = 100 ✓

T = 19.54 ✓

+50

5°36' L = 38.60 ✓

Lehd = 38.36 ✓

P.I. = 467 + 49.97 ✓

Coold = ⁹¹⁵⁵³ 47439.97 ✓

467 + 30²³ B.C. ✓

972

+50

971

$N 2^{\circ} 29' E$
 $N 3^{\circ} 40' W$
470 + 6983 E.C. $18^{\circ} 27'$

$73 - 48$

$D = 36^{\circ} 54' L$

+50

$14^{\circ} 12' R = 100$

$T = 33.36$

$L = 64.40$

$LCh = 63.30$

+25

$7^{\circ} 02' R_1 = 470 + 33.79$

91773
 $CoOrd = 47620.04$

470 + 0093 B.C.

128.83
64.83
35.17
33.36
68.53

$4^{\circ} 15' \sin = .074$

$\times 148$

1092

396

792

10952

$7^{\circ} 02' \sin = .122$

\times

246

732

188

244

30012

+50

475

+50

474

+50

473

472+50

479

+50

478

+50

477

+50

476+0

+50

482

+50

481

+50

480

479+50

986

+50

985

+50

984

+50

983

+50

989

+50

988

+50

N 8° 11' 37" E. ✓
N 9-20 E

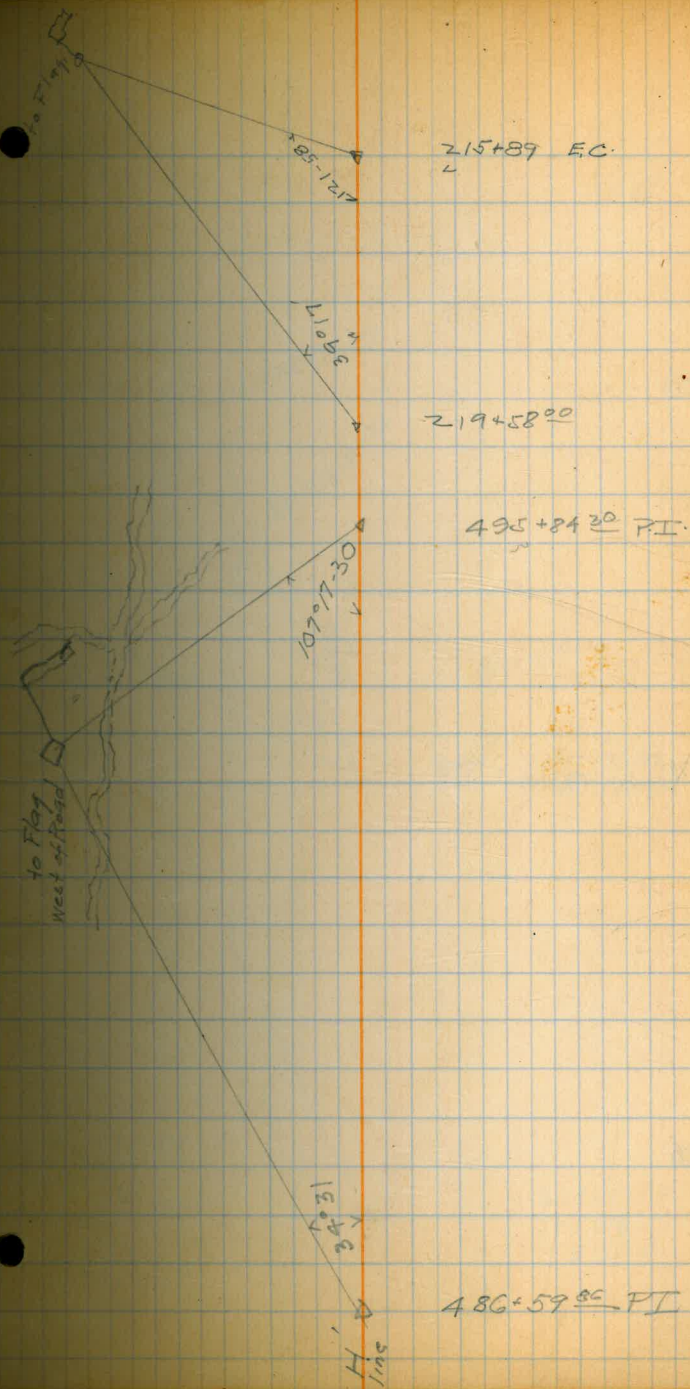
987

11-35-14
486+59.86 ✓ P.I. Δ 5° 47' 37" R ✓

Coord. 93400 ✓

986+50

47688.23 ✓



993

+50

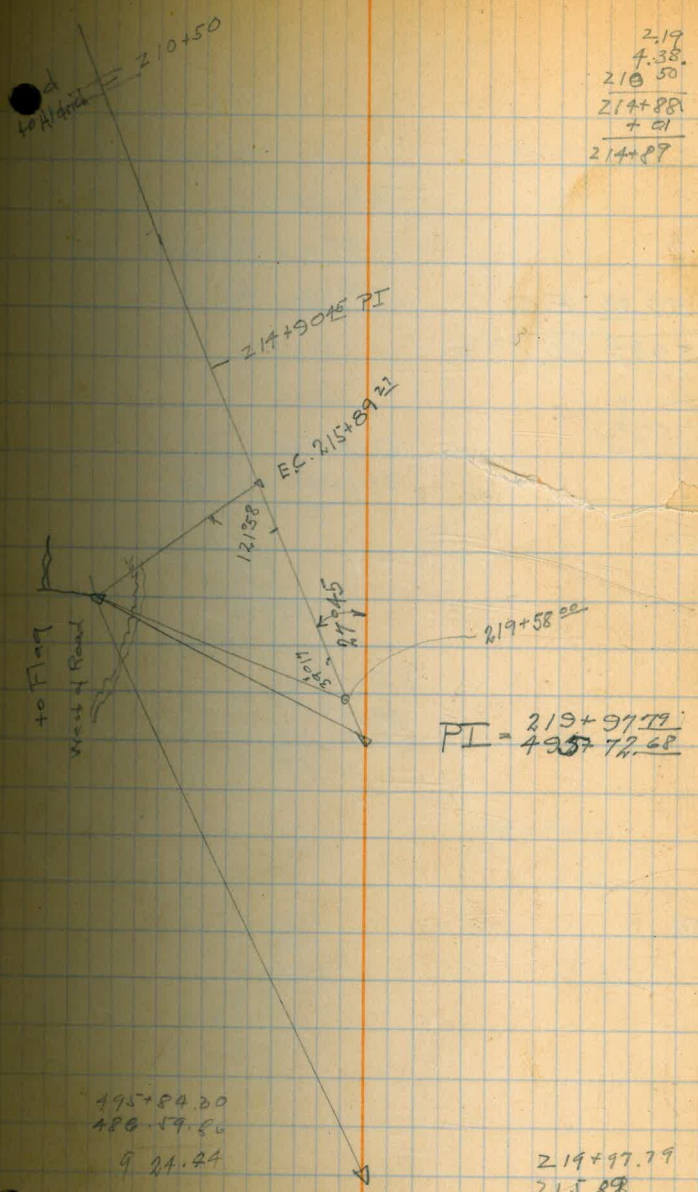
992

+50

991

+50

990



2.19
4.38
210.50
214+88
+ 21
214+89

M. B
N 11-20 W
N 18-15 W

N 18-15 W

55-27-14

$$\Delta = 27.45$$

$$\Delta = 27-43-37 \quad L$$

$$R = 100'$$

$$S.T. = 24.68$$

$$L.A. = 48.39$$

$$219 + 57.32 \quad E.C.$$

$$495 + 59.22 \quad B.C. =$$

$$495 + 84.30$$

$$- 11.62$$

$$495 + 72.68$$

+50

$$D = 41.56$$

$$V = 16.46 - 95749$$

$$41.56$$

$$5744.94$$

$$47874.5$$

$$95749$$

$$382996$$

$$397932844$$

$$219 + 58.20$$

$$= 129 + 97.79$$

$$219 + 57.32$$

$$50.47$$

495

+50

494

493+50

$$219 + 57.32 \quad E.C. \quad 219 + 08.93$$

$$48.39 \quad 24.68$$

$$219 + 08.93 \quad B.C. \quad 219 + 33.61$$

$$219 + 25.07 \quad 40.36$$

$$219 + 50.25 \quad 11.46$$

$$13-51.$$

$$2-05 \sin = -0.06$$

$$\times 2.3$$

$$232$$

$$2424 = 219 + 10$$

$$4-36 \sin = -0.8$$

$$\times 16.46$$

$$132$$

$$1.28 = 219 + 21$$

$$17.189$$

$$16.07$$

$$12.0333$$

$$10.31340$$

$$17.189$$

$$276.22723 = 4036.227$$

$$245$$

$$36$$

$$1^{\circ}09.718$$

$$11^{\circ}45.945$$

$$2^{\circ}05.823$$

$$13-51.768$$

$$27-43.536$$

$$17.189$$

$$7.32$$

$$34378$$

$$51567$$

$$120323$$

$$12582345 = 2^{\circ}05.823$$

$$120$$

$$5223$$

$$495 + 72.68$$

$$486 + 59.86$$

$$912.82$$

$$495 + 84.30$$

$$486 + 59.86$$

$$7124.44$$

$$4.71$$

$$9.12 = 0$$

$$10^{\circ}39' - V. 95267$$

$$942$$

$$98277$$

$$9.02$$

$$196522$$

$$393044$$

$$854349$$

$$196522$$

$$393108$$

$$884493$$

$$89561862$$

$$22$$

$$92576934$$

$$917.6$$

