1770

#170

PLEASE RETURN TO
GEAUGA COUNTY ENGINEER
COURT HOUSE
CHARDON, O.
PHONE 250-X

Messenger Road Pg 1 to Pg 27
Co. Hwy #31 & Pg 51
Auburn Twp.

Watt Road Pg 29 to Pg 49
Russell Twp.
Hyway #158

1950 Paving Notes #4 53-65; 59-62-
+10

Field Book
#170

81 1445

Monday May 20, 1929 (1)

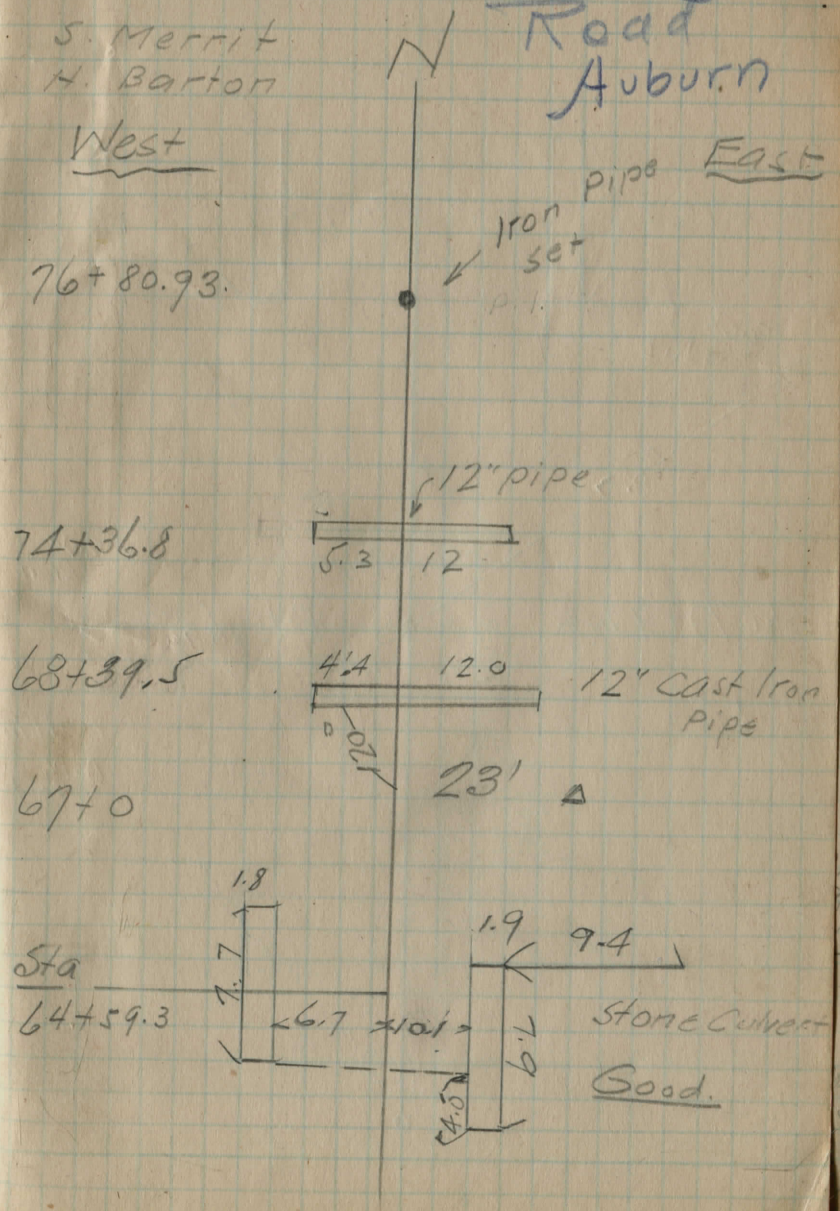
Fair

S. Gold
J. Griswold
S. Merrit
H. Barton

Messenger Road Auburn

West

East



West

East

Note: Culvert should be widened

2'x4' Stone Culvert Good

1.6

1.6

83+74.8

7.0

7.3

9.7

7.0

Tack in Hub

No. 7

Iron pipe set

20" Elm

Sta 79+77.12

179°00'

P.I Fence 38.94

Property Line Occup

Nail in N.W. Root

179°00'

Iron pipe set

76+80.93

(3)

N

West

East

Iron pin set

Sta 92+82.00

179°40'

42.0

68.56

Sta 89+21.3 ℄ of ~~EC&W Rd.~~ (occup.)

5 ft 17" Maple Nail in N.E. Root (T)

15 ft Stump

Tip W Root

May 21 Tuesday - Cloudy

S. Gold
J. Griswold
S. Merrit
H. Barton

West

15" Ash? Nail in So Root 1' above GR

28.77

Sta 106+65.95

East

Iron Pipe set

35.85

15" Elm Nail in NW Root

Sta 95+0 ▲ 25'

West

116+63.26

Fence Property Line Occup.

Sta 110+90.5

179°43'

Iron Pipe set

East

Property Line Occup. Fence

Sta 111+15.5

Property Line Fence Occupation

106+65.95 Iron Pipe Set

106+0 ▲ 25'

105+0 ▲ 25'

3'x4' Stone Culvert should be widened

1.3 1.5

104+71.8 9.8 7.6 7.9

6.1

104+03

Property Line occupation

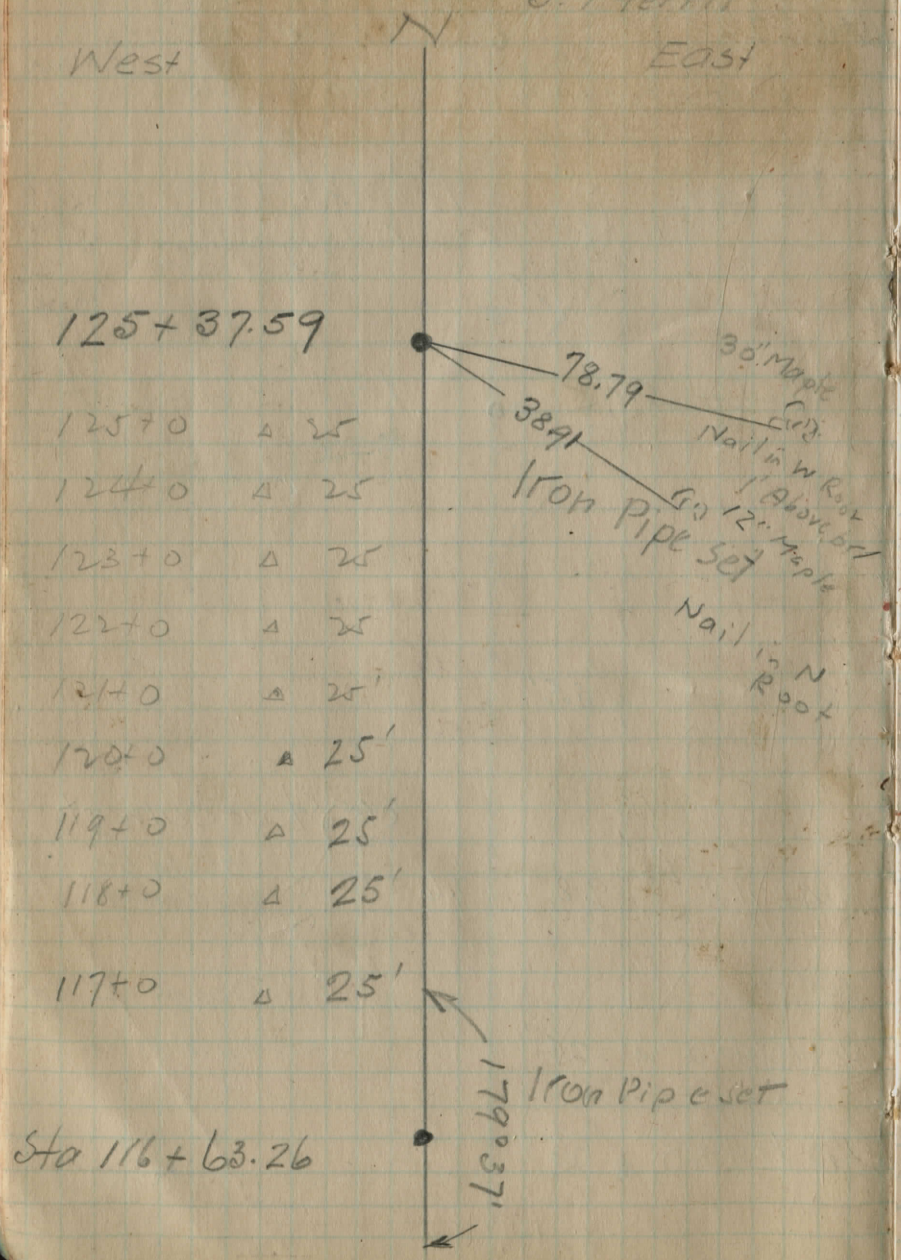
Sta 104+0 ▲ 25'

Sta 101+0 ▲ 25'

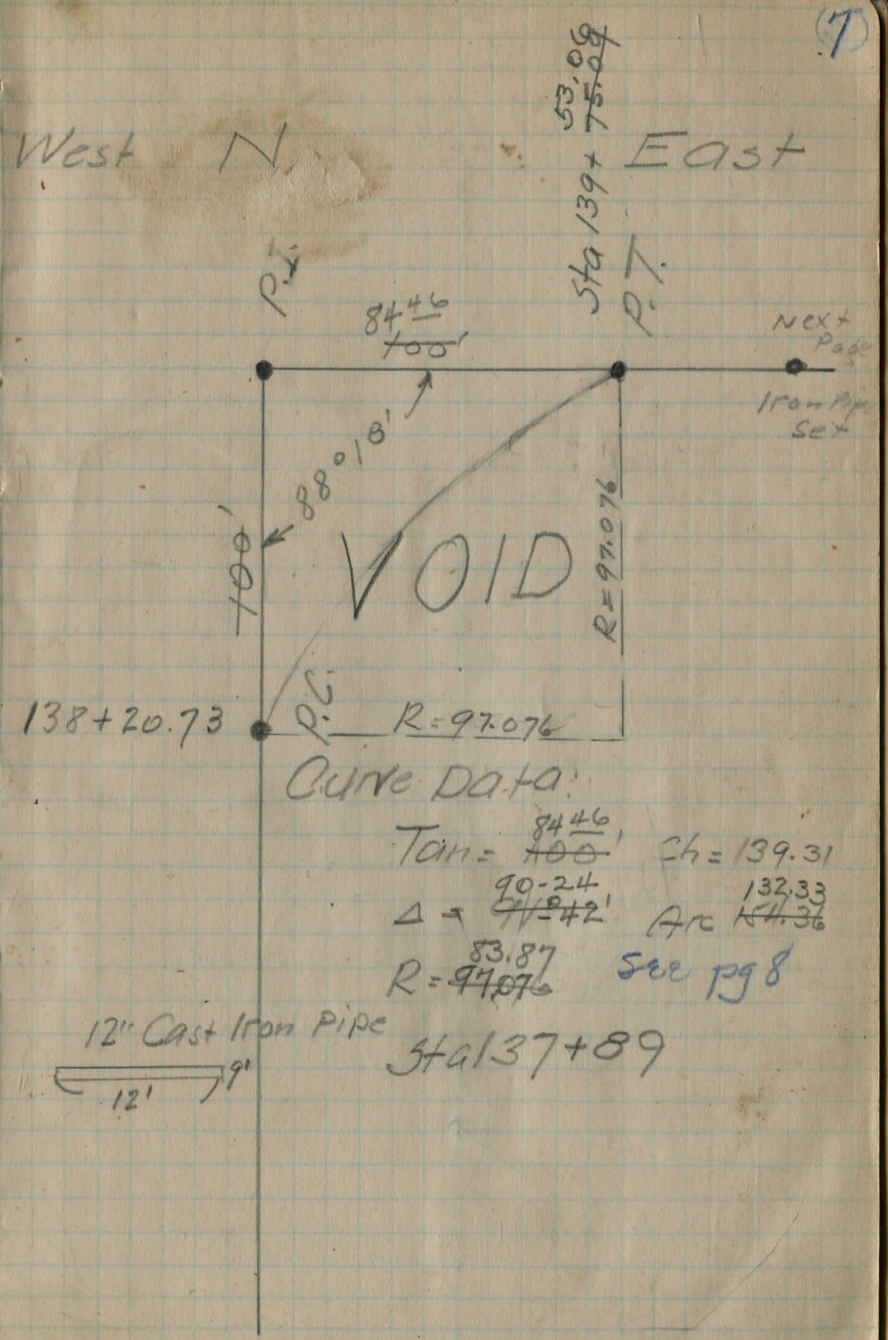
Sta 100+0 ▲ 25'

May 22, 1929
Wednesday Fair

S. Gold
J. Grisundi
H. Barton
S. Merrit



(7)



North E South

18" Maple Nail in E Root

29.61

Iron pipe set

20" Maple Nail in E Root

37.42

North E South

Iron pin Fd. & Used

22.5 mrd.

1.05 15+40 Δ 25'

1.1 15+40 Δ 25

14+40 Δ 25

14+40 Δ 25

14+40 Δ 25

14+40 Δ 25

14+40 Δ 25

14+40 Δ 25

179° 23'

See Relocation Plan.

Iron Pipe set

4.66

Sta 143+49.15

Sta 143+0 Δ 25

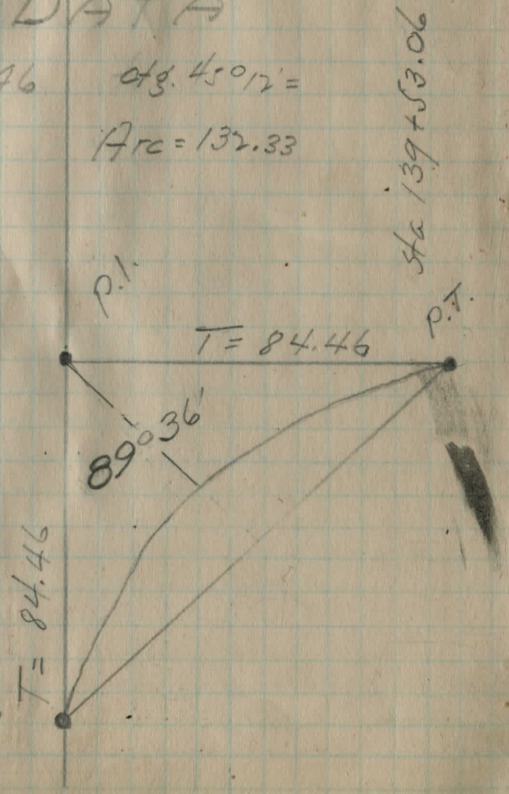
Sta 141+93.4

P.T Sta 139+53.06 Iron pipe set

J. Gold
J. Griswold
S. Merritt
H. Barton

May 23 Fair

West (1.54) N East



CURVE DATA

Tan = 84.46 — Cfg. 45°12' =

Δ = 90° 24' — Arc = 132.33

Def = 45° 12'

R = 83.87

138+20.73
1 32 33
139+53.06

P.C. Sta 138+20.73

	PC = 138+20.73	Q°
1st Chd	11.02	3-46
2 "	"	7-32
3 "	"	11-18
4 "	"	15-04
5 "	"	18-50
6 "	"	22-36
7 "	"	26-22
8 "	"	30-08
9 "	"	33-54
10 "	"	37-40
11 "	"	41-26
12 "	"	45-12

May 24 Cloudy

S Gold
J Griswold
S Merritt
H Burton

North E South

3.28

164+68.3 22.5 mrd.

Iron pipe Fd. & Used

179°47'

164+0 25'
163+0 25'
162+0 25'
161+0 25'
160+0 25'
159+0 25'
158+0 25'
157+0 25'
156+0 25'
155+0 25'
154+0 25'
153+0 25'
152+0 25'

North E South

2.0 2.6 2.0

4' x 4' stone culvert

178+10.1 12.8 3.2

7.0 7.0

171+0 25'
170+0 25'
169+0 25'

179°24'

Iron pipe Fd. & Used

Sta 168+73.6 22.5
168+0 25'
167+0 25'
166+0 25'
165+0 25'

North

E

South

Iron pipe set

182+0 25' Δ

181+0 Δ 25'

180+0 Δ 25'

179+0 Δ 25'

May 25 Clear.

S. Gold
J. Griswold
S. Merritt
H. Barton

15

N

E

South

P.T to 1st Pin

240.29

139+53.04
2 40.29
141+93.33

196+50.6 ℄ of Mac Pave (18')

196+37.7 225 mud 170.98

Stone + 4 sills set

193+19.3 12" cast iron pipe 25' ↓

192+0 Δ

177° 41'

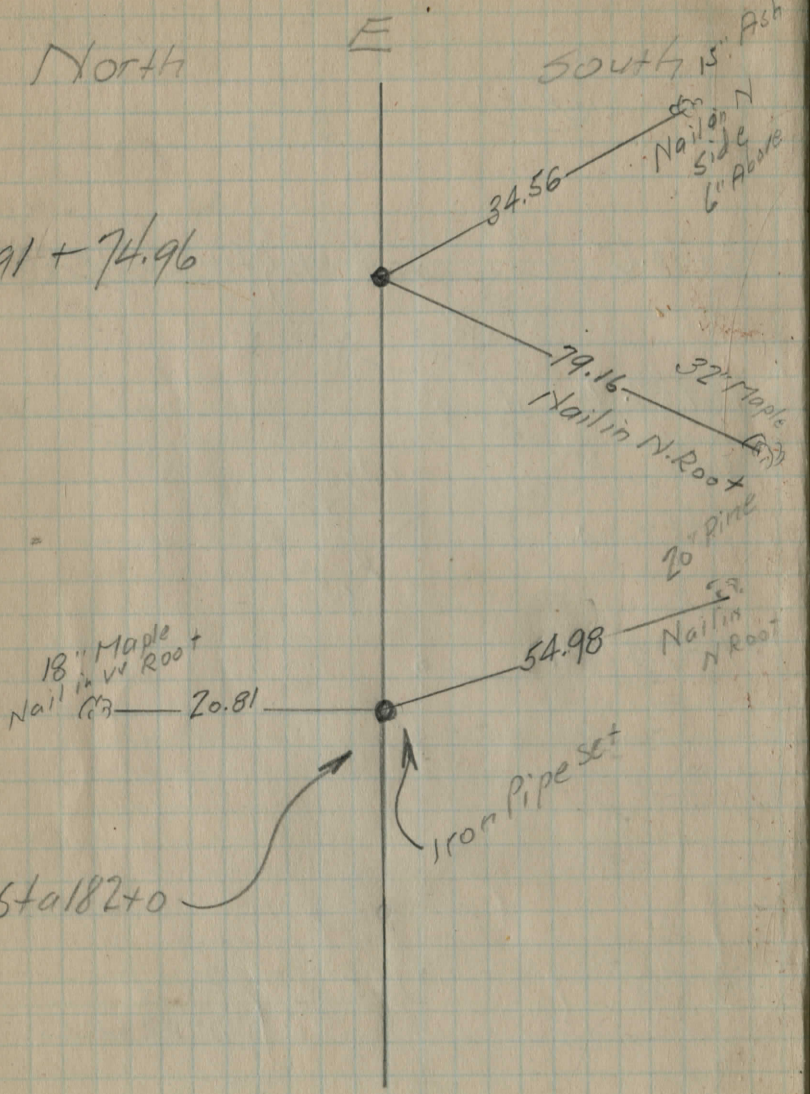
Iron pipe set

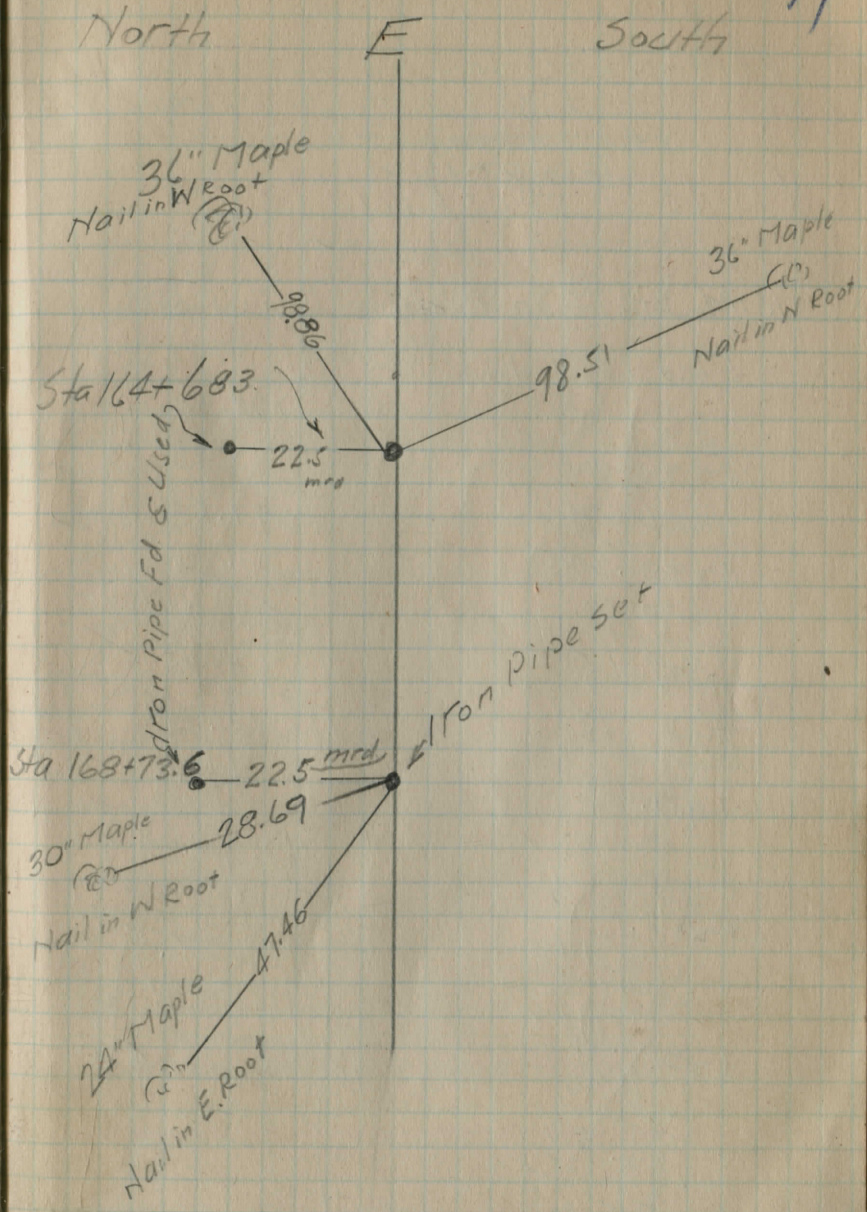
191+74.96

185+00 13.5 Fence

Property Line. Occup

183+92.5 126.1 12" Cast Iron Pipe


North
E
South
15" Ash
Nail on N side 6" Above
34.56
191 + 74.96
79.16
32" Maple
Nail in N. Root
20" Pine
54.98
Nail in N Root
18" Maple
Nail in W Root
20.81
Iron Pipe set
Sta 182+0


North
E
South
36" Maple
Nail in W Root
98.86
36" Maple
Nail in N Root
98.51
Sta 164+683
22.5 mrd
Iron Pipe Fd & Used
Sta 168+73.6
22.5 mrd
Iron Pipe set
30" Maple
28.69
Nail in W Root
24" Maple
47.46
Nail in E. Root

B.M. June 4, 1929

Wilson's Corners N.Y. S. Gouverneur 5 Miles N.

I.C.H. #35 (B.M.)

B.M. Sta 430 Nail in Locus Stump
Elev. 1272.44 (Fd & Used)

1272.44
+ 6.78
1279.22
- 0.57
1278.65
+ 11.75
1290.40
- 2.10
1288.30
+ 4.19
1292.49
- 6.16
1286.33
+ 1.95
1288.28
- 9.39
1278.89

B.M. Sta 444+90± (Fd & Used)
Notch in Maple Elev 1278.94

1278.94
+ 12.90
1291.84
- 6.40
1285.44
+ 4.45
1290.89
- 12.82
1277.83
- 2.18
1275.65
- 7.02
1267.43
1272.44
.05

1278.94
+ 9.39
1288.33
- 1.12
1287.18
+ 5.68
1292.86
- 12.41
1280.45
+ 2.03
1282.48
- 8.99
1273.49
+ 2.51
1276.00
- 3.61
1272.39

1272.44
+ 3.61
1276.05
- 1.36
1273.69
+ 9.27
1282.96

June 5 Cloudy — S Gold Jr, S Merritt

B.M.'s

B.M. Nail in Locus Stump Sta 430+ S.R. 35 (U.S. 422) Elev. 1272.44

B.M. 1272.44
+ 5.634
1278.074
- 10.265

T.P. 1267.809
+ 2.046
1269.855
- 5.875 Notch

B.M. 1263.98 — B.M. Nail in W. Root 30" Maple Sta 5+73 (55' E.) El. 1263.98
+ 2.13
1266.11
- 12.05

T.P. 1254.06
+ 2.24
1256.30
- 12.955

T.P. 1243.345
+ 0.35
1243.695
- 12.87

T.P. 1230.825
+ 0.79
1231.615
- 10.54

B.M. 1221.075 — B.M. X on S.W. Corner E. Headwall Culvert Sta 19+ El. 1221.075
+ 12.53
1233.605
- 2.16

T.P. 1231.445
+ 12.50
1243.945
- 0.615

B.M. 1243.33 — B.M. Nail in N.E. Root 18" Maple Sta 29+90 22' W. Elev. 1243.33
H.I. 1243.945
- 0.90

T.P. 1243.045
+ 11.51
1254.555
- 2.355

B.M. 1252.200 — B.M. X on S.W. Corner E.H.W. Sta 43+ El. 1251.2
H.I. 1263.555
- 0.86

T.P. 1253.695
+ 12.57
1266.265
- 5.75

1260.515 T.P.
+ 1.73
1262.245
- 12.27

1249.975 T.P.

T. P. 1249.975
+ 1.815
1251.790
-11.5

T.P. 1240.290
+ 1.76
1242.050
-4.61

B.M. 1237.440

B. M. X on S.W. Corner E. H.W. Culvert at Sta 64+ Elev. 1236.44

H.I. 1242.05
- 12.33

T.P. 1229.72
+ 2.405
1232.125
-12.365

T.P. 1219.760
+ 1.685
1221.445
- 12.485

B.M. 1208.960
+ 8.725
1217.685
- 0.10

B. M. X on S.W. Corner E.H.W. Culvert at Sta 88+ El. 1207.96

T.P. 1217.585
+ 13.00
1230.585
-3.355

B.M. 1227.230

B.M. Nail in N.E Root 15" Maple Sta 93+73 El. 1226.23

June 6 Clear

S. Goddard
S. Merritt

B.M's

B.M. Nail in N.E Root 15" Maple
Sta 93+73 El. 122[illegible] 23

1227.23
+ 1.115
1228.345
- 12.68
T.P. 1215.665
+ 1.586
1217.251
- 12.48

B.M. 1204.770
+ 7.385
1212.155
- 0.375
T.P. 1211.780
+ 12.675
1224.455
- 0.895
T.P. 1223.560
+ 10.67
1234.230
- 0.650
and 2333.660
+ 6.225
1239.885
- 0.965
1238.820 T.P.

B.M. on S.W. Corner W. H.W. Culvert Sta 104 + El. 1203.75

the same tree has a nail reference point
B.M. Nail in Notch S.W. Root 36" Maple Sta 124+92 65' E.
El. 1233.56

T.P. 1238.820
+ 7.995
1246.815
- 11.100
T.P. 1235.715
+ 8.145
1243.860
- 2.335

B.M. 1241.530
+ 3.06
1244.590
- 12.03
T.P. 1232.560
+ 0.640
1233.200
- 10.675
T.P. 1222.525
+ 0.375
1222.900
- 12.51
T.P. 1210.390
+ 1.10
1211.490
- 9.64
B.M. 1201.85

H.I. 1218.49
- 11.97
T.P. 1199.52

25

B.M. Nail in Notch S.E. Root 24" Maple Sta 141+98 21' S. El. 1241.53

* See Note on last page.

B.M. Nail in W. Root 20" Maple 24' S. Sta 174+10 El. ~~1206.85~~ 1201.63

T. P. 1199.52
+ 1.515
1201.035
- 0.885

T.P. 1200.150
+ 10.07
1210.220
- 3.27

B.M. 1206.950

H.I. 1210.220
- 6.81

T.P. 1203.410
+ 12.53
1215.940
- 1.210

T.P. 1214.730
+ 11.25
1225.98
- 0.88

T.P. 1225.10
+ 12.775
1237.875
- 3.555

T.P. 1234.320
+ 2.845
1237.165

B.M. Nail in Notch
N.W. Root 24" Maple (27'-5)
Sta 183+23 El. 1206.885
1206.91

H.I. 1237.165
- 12.625

T.P. 1224.540
+ 1.450
1225.990
- 6.28

1219.71

B.M. on Route 44
Nail in Stump
18" Maple sta. 144+18

1241.92 1241.9 1241.9
1.2 10.1 7.1
1233.7 1231.8 1234.8

27

Sta 29+0 ℄ Elev. 1233.7
Sta 28+0 ℄ Elev. 1231.8
Sta 29+18 ℄ Elev. 1234.8

Saturday June 8—

B.M. 1220.99
12.83
1233.82 H.I. 1233.8

Sta	20+0	14.4		
Sta	21+0	11.9	1221.9	1221.9
"	22+0	6.7	1227.1	1227.3
"	23+0	2.0	1231.8	1231.9

1229.6
6.3
1235.9 1235.9 1241.9
11.8

Sta	27+0	5.9	1230.0	1330.1
Sta	28+0	4.1	1231.8	1231.8
			1233.8	
Sta	29+0	2.1		1233.7
Sta	29+18	13	1234.6	1234.8

June 22, 1929

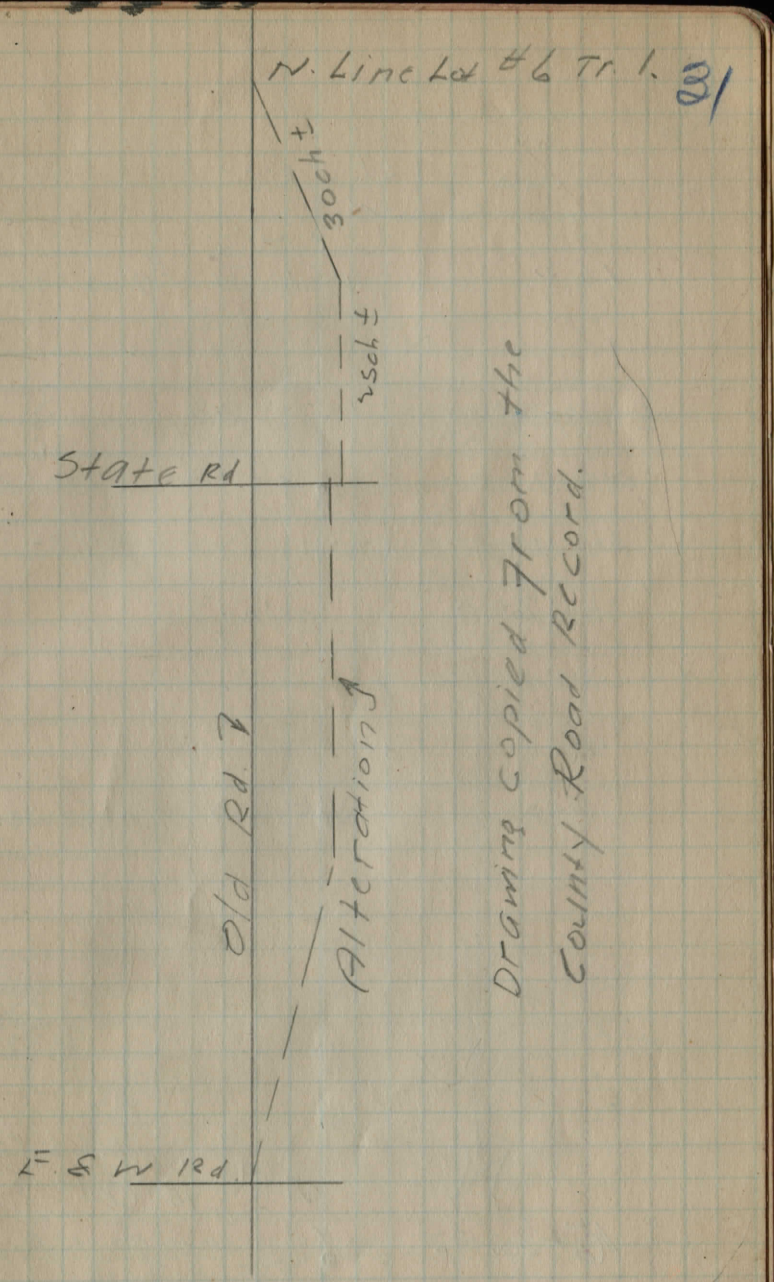
Watt Rd.

Book C Pg. 459

Beginning in said Rd on the N. Line of Lot #6 in the First Tract; Thence S 10° W 30 ch 75 links to a post 45 links W. from the N.E. Corner of Lot #5 in the 2nd Tract. Thence S. 45 links W. from the E. Line of the last mentioned Lot 25 chains to the State Rd. Thence W $1\frac{60}{100}$ ch being 45 links W from the N. E. Corner of Lot #8 in said Tract. Then South parallel to the East Line of said Lot #8 51 ch 18 links to a post - W 45 links from the S.E Corner of Lot #8 thence S 4° W 41 ch 70 Links to the E & W Rd.

Alteration June 6, 1839

Legal with 60'



Drawing copied from the County Road Record.

June 22, 1929

S Eold Jr
S Merritt
H Barton

25
66
150
150
1650

S
E
W
N

J. Jaite & E. Jaite
to Jessie Jate
Vol. 61 Pg 479 & 480

℄ of Pave I.C.H. 33
Sta 0+0

r. 81

Sta 0+30 — Iron Pipe Set
Sta 1+0 — Δ 25'
Sta 2+0 — 25' Δ
3+0 — Δ 25'
4+0 — Δ 25'
5+0 — Δ Iron Pipe set

East

℄ of Walt Rd

29.69 Nail in S. Root 14" Oak
P.C. Iron Pipe set

Sta 16+20.32

June 24, 1929

S Eold
S Merritt
H Barton

West — N — East

33

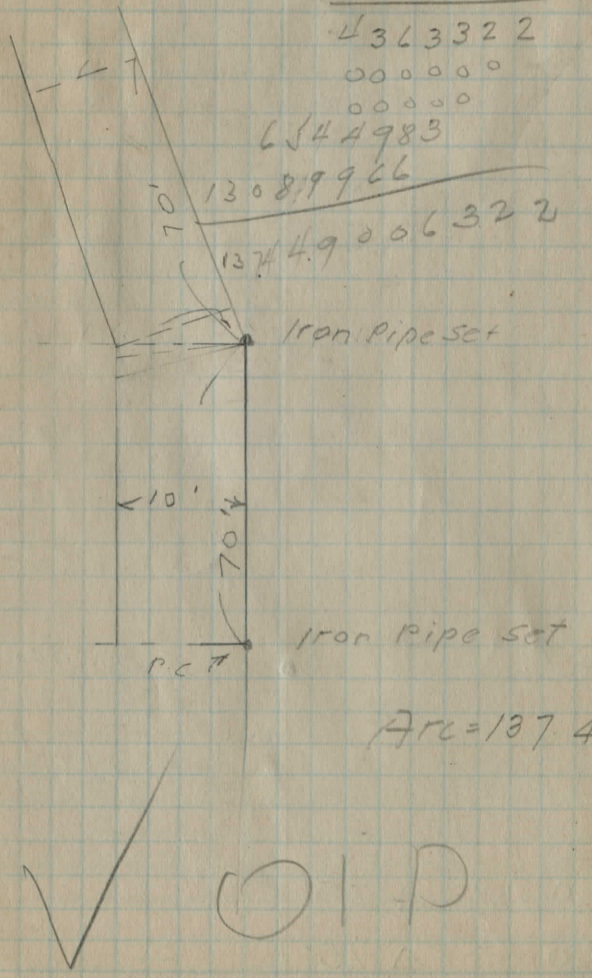
16+20.32 — P.C. Iron pipe Set

8+0 — Δ 25'
6+0 — Δ 25'

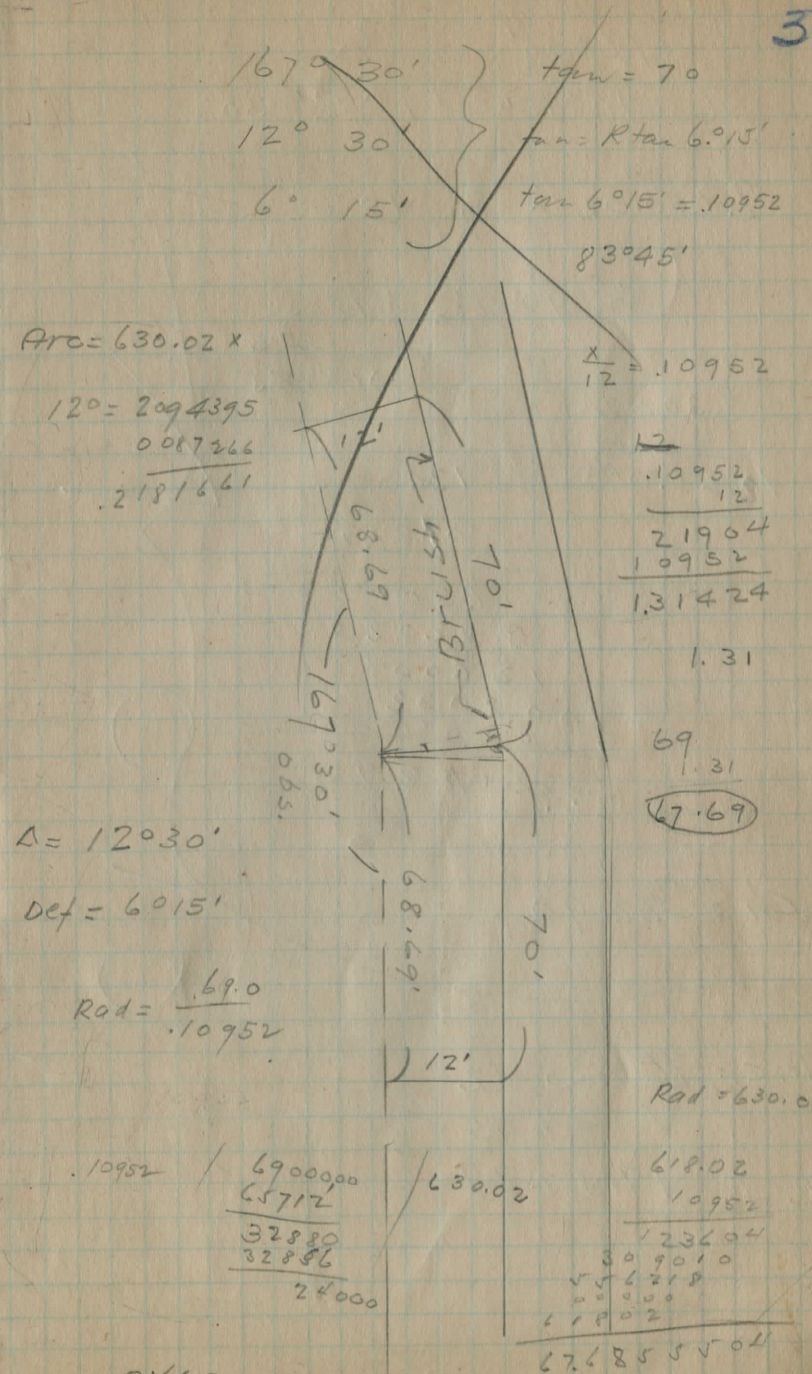
The curve had to be staked & Δ Angle observed on a 12' offset to the west.

.2181661
630.02

4363322
0000000
0000000
6544983
13089966
137449006322



VOID



.10952
12
21904
10952
1.31424
1.31
69.31
67.69

OVER

12° 30'

6 | 160.15' | 1° 2' 30"

2630.02 × Sin 1° 02' 30"

Sin 1°02'30" = .01803
125
.018175

63002
2
12604

1260.04
018175
630020
882028
126004
1008032
126004
22.901 27 00

CH = 22.90

P.C. = 16 + 20.32
1 37 45
P.T. 17+57.77

on 2

1st	1° 02' 30"	22.90
2nd	2° 05'	22.90
3rd	3° 07' 30	22.90
4th	4° 10' 0"	22.90
5th	5° 12' 30"	22.90
6th	6° 15' 0"	22.90

on 12' offset

61802
2
12360.4
018175
618020
865228
123604
988832
123604
22.465 02 700

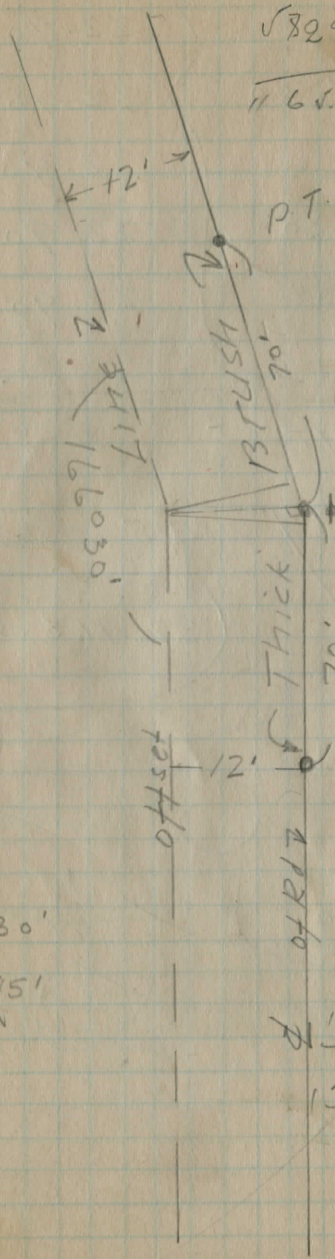
018175

22.465 or 22.47

2D sin 6°45'

√8297 / 2 = 116.94

√7097 / 2 = 119.94



12.08 / 120000 / 99307 / 206930 / 198614 / 831600 / 794456

Δ13° = .2268928 / .0087266 / .2356194

√82.97

16493358 / 2 / 1205744 / 0712388 / 18849552 / 11780970

137.3 / 90416.18

Δ = 13°30'

Dg = 6°45'

13°15'

Sin 13°15' = .99307

17

13°15'

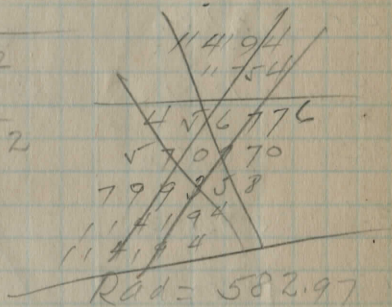
179°60'
−166°30'
13°30'

Tan 6°45' = .11836

X/12 = .11836 (12)

23672
11836
1.42032

Sin 6°45' = .1175



Tan = 69 − 1.42 = 67.58

Rad = Tan / tan 6°45' / 1.42 2 3 6 7 6 7 6 / 570.97

.11836 / 69000000 / 6

.11836 / 69000,00 / √82.99

√9180
98200
94688
35120
23672
11448
10624
7960

√7097
11836
342582
17129
4√67776
√7097
√7097
67√8000092

over

Curve Data

℄

Tan = 69.0

Δ = 13° 30'

Def = 6° 45'

Rad = 582.97

Arc = 137.36

ch = 137.04

1st ch 1° 07' 30"

2nd 2° 15' 0"

3rd 3° 22' 30"

4th 4° 30' 00"

5th 5° 37' 30"

6th 6° 45' 00"

12' offset

Tan = 67.58

Δ = 13° 30'

Def = 6° 45'

Rad = 570.97

℄ offset

Ch = 22.89 Ch = 22.42

(12.08 Distance from P.I. to ℄ offset)

P.C. Sta 16+20.32 } 137.36

P.T. Sta 17+57.68 }

16+20.32
69
1689.32 = PI ?

22.89
3/4
17.34

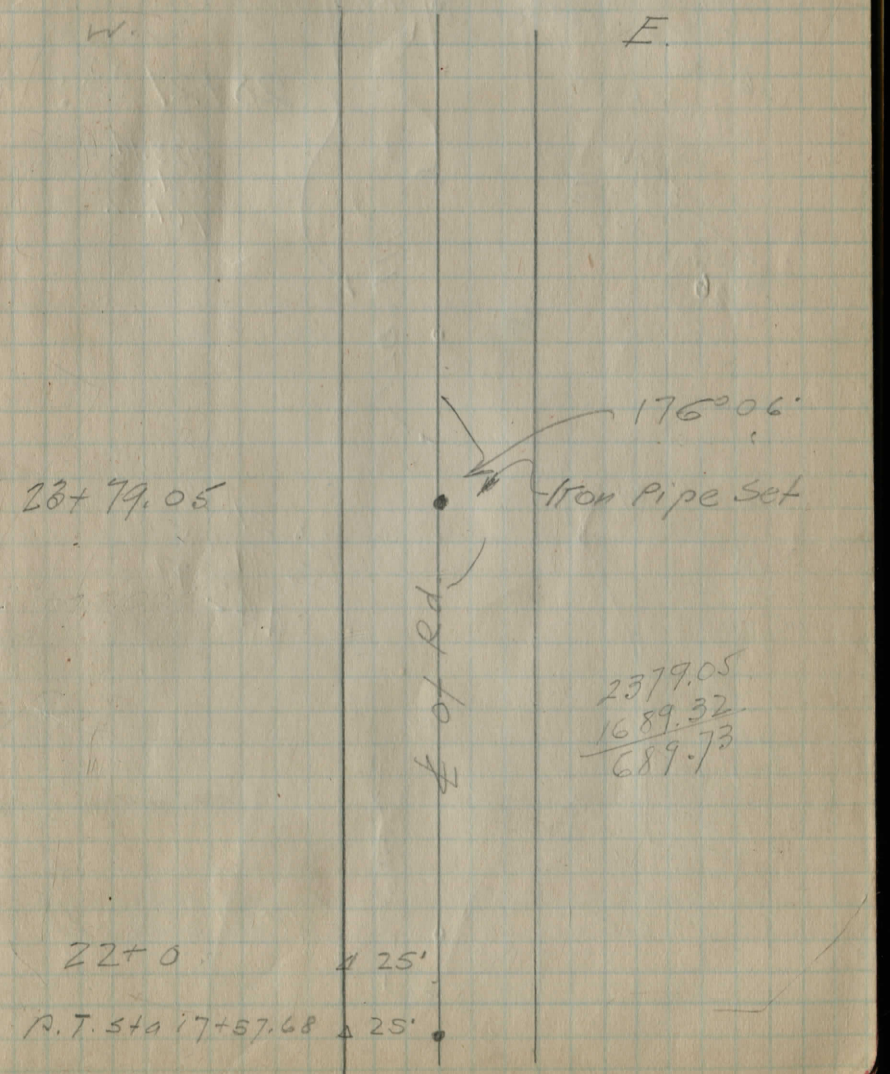
June 26

3 Gold Jr
1 Arisvold
3 Merritt
H. Barton

41

17+57.68
42.32
18+00.00

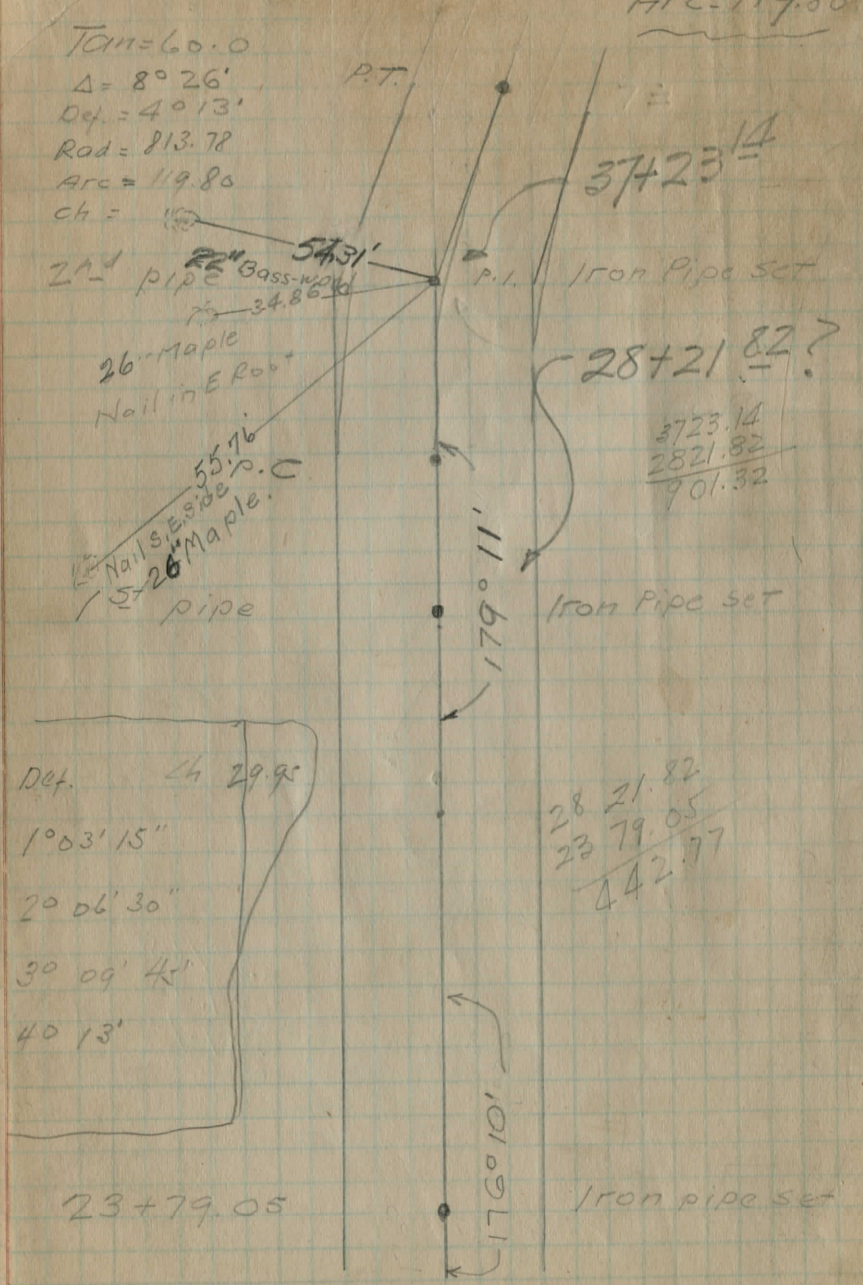
The ℄ Arc stakes are set on the W. side of Rd.



CURVE DATA

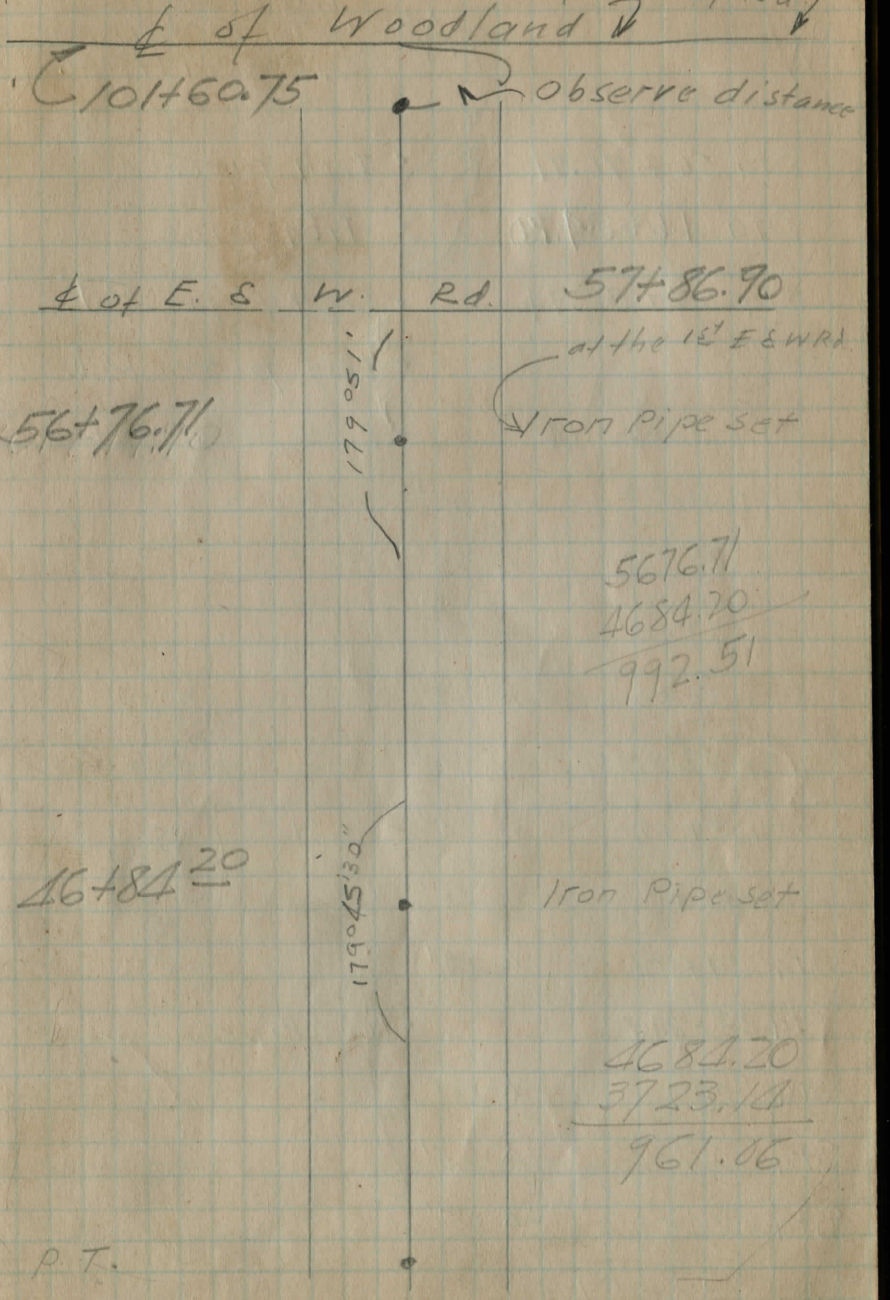
Arc = 119.80

Tan = 60.0
Δ = 8° 26'
Det. = 4° 13'
Rad = 813.78
Arc = 119.80
ch =



Use Occupation in ℄ of Rd

℄ of Woodland



P.T. = P.C + Arc.

June 28 Clear
J. Griswold
H. Barton
S. Merritt

W — N — E

179° 4K' 30"

Sta 56 + 76.71 Iron pipe
Sta 46 + 84.20 Iron pipe
Sta 37 + 82.94 Iron pipe P.T.
Iron pipe P.I.
Sta 36 + 63.14 Iron pipe P.C.
Sta 34 + 0 25'
Sta 35 + 0 25'
Sta 34 + 0 25'
Sta 33 + 0 25'
Sta 32 + 0 25'
Sta 31 + 0 25'
Sta 30 + 0 25'
Sta 29 + 0 25'
Sta 28 + 21.82 Iron Pipe
Sta 28 + 0 25'
Sta 27 + 0 25'
Sta 24 + 0 25'
23 + 79.05 Iron pipe

179° 11'

M

June 29 Clear
H. Barton
S. Merritt
J. Griswold

See Next Pg
W +64 55
Sta 101 + 60.75
Sta 101 + 19.70 ℄ of N Woodland E
Iron pipe

Sta 85 + 0 25' Iron pipe P.O.T.
Sta 83 + 0 25'
Sta 45 + 0 25'
Sta 44 + 0 25' Iron pipe POT
Sta 43 + 0 25'
Sta 42 + 0 25'
Sta 41 + 0 25'
Sta 58 + 0 30'
Sta 57 + 86.90 ℄ of E-W Road
FB 100 pg 35.
Sta 56 + 76.71 Iron pipe P.I.

179° 51'

July 6 1929 { S. Gold Jr
J. Griswold
S Merritt

Watt Rd & N. Woodland Rd.

Intersection

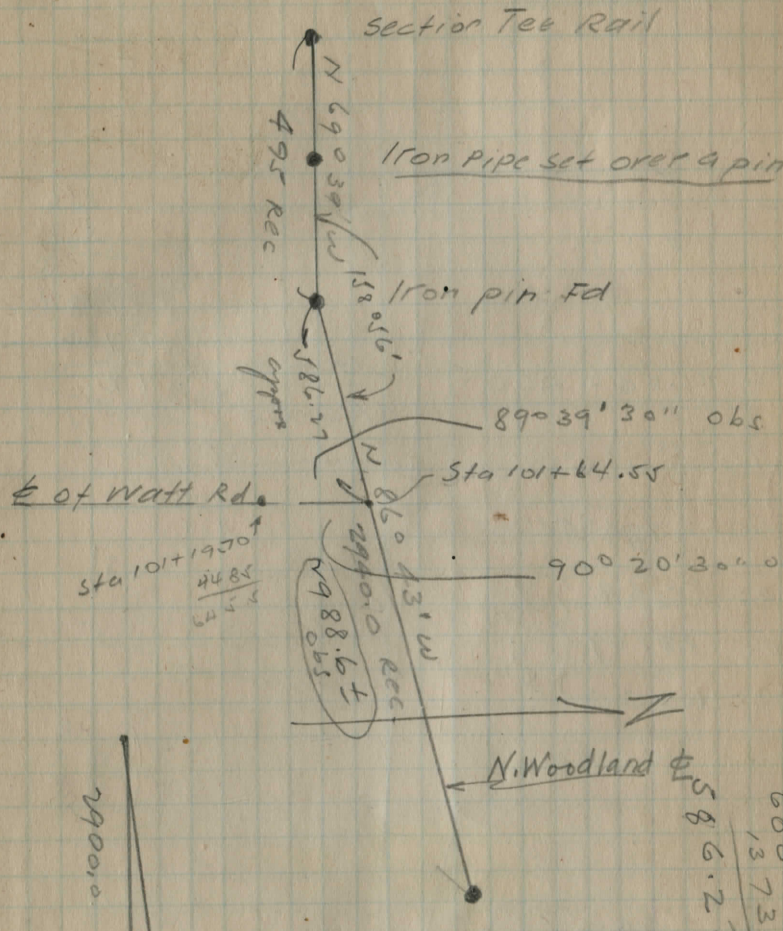
N 65° 39 W
N 86° 43 W
21° 04'

86° 43'
65 39
21° 04'

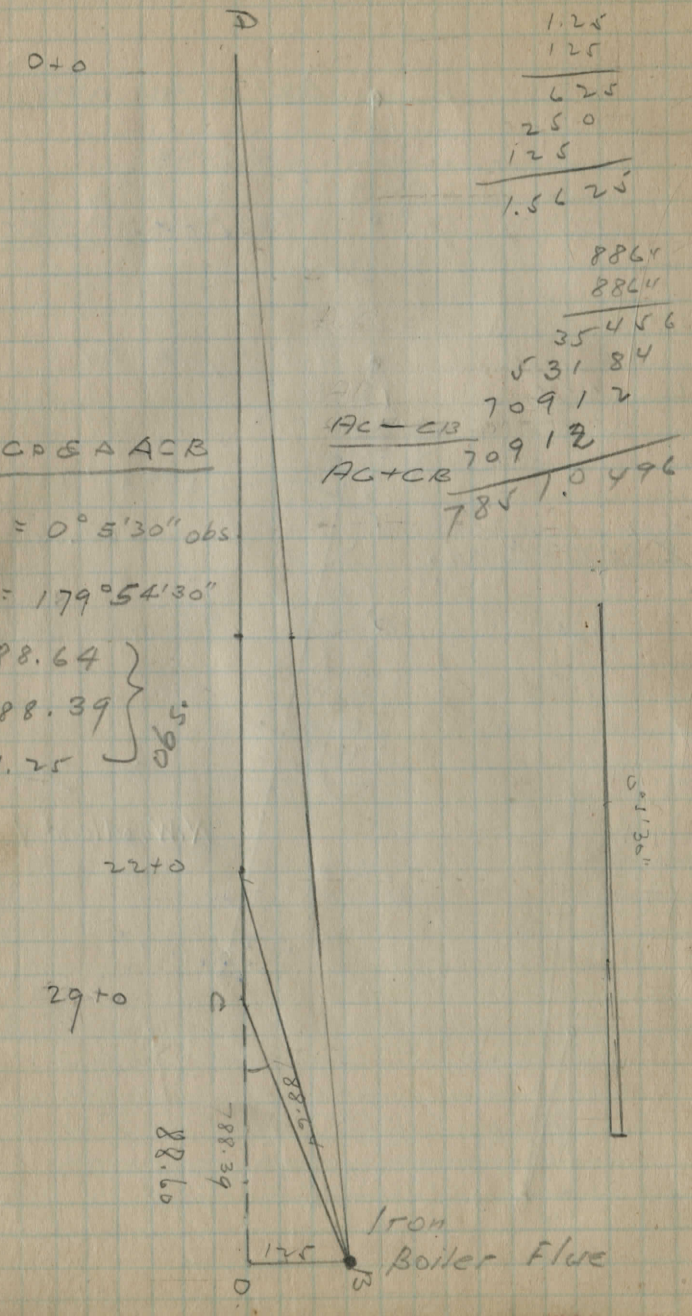
179.60
21 04
158° 56'

88' 39

88.39 to our pivot
88.64 to the pipe
1.25 between the points



over



1.25
125
625
250
125
1.5625

8864
8864
4456
35
53184
70912

AC − CB / AC + CB = 70912 / 7851.0496

Δ BCD & Δ ACB

∠ DCB = 0° 5' 30" obs.

∠ ACB = 179° 54' 30"

CB = 88.64
CD = 88.39
DB = 1.25

obs.

1600
.00042
3200
6400
.0.67200

7851.0496
1.0625
7849.4871 | 88.60
168 | 1449
8
1344
1766 | 10548
6 | 10596.
88.60

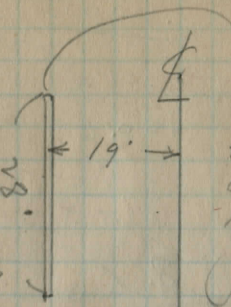
.0.77200
.0.00042
0.77158
1.00052
0.00011
0.00000
0.77169

2988.60
125
600
1375
586.25

0.77158
.0.00011
0.77169
1.00000
.0.77169

W. Aug 7 - E

Sta 89+10



Sta 89+38

50 cu yds

4' x 3'

Sta 83+74.8 2'x4' Stone Culvert

West End to be relaid -

Widening on each side to meet the width of Roadway (20'), Abt 10 cu yds.

Sta 74+36.8± A new 3'x3 Concrete Culvert including inlet ditch (Grade ditch as required to culvert)

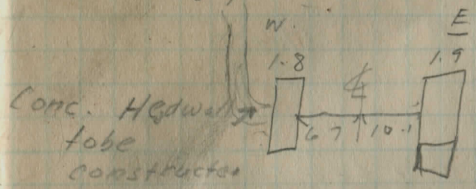
Sta 68+39.5 Sidehill Headwall (1 side) 18" Corrugated Pipe

Move to 69+55 Preserve the Bulk head - also drive

Wilson's Corners N. 51

Sta 64+59.3 Extend the West side concrete Extension to be made of a special design of Headwall -

10 yds of Extra excavation (outlet) 5 yds (inlet)



(the Grade to be the same)

61+43 18" (Sidehill Headwall) Corrugated pipe or 130 ft 12" Vitrified sewer pipe with Headwalls (inlets)

43+23 (Repair Top allow 1/2 yd. of Concrete plus labor) Extend West end with standard Material.

35+54 18" Corrugated Pipe (Standard Headwalls)

Sta 32+18 12" Corrugated pipe
(sidehill culvert)

Sta 154+0 18" Corrugated pipe
(with standard Headwalls)
8 yds excavation
(SIDEHILL culvert)

(Sta 25+76 10 yds Excavation
for Ditches)

95 # to sq yd 1" thick

Slag 145 # to sq. 1" thick
Hamilton's Contractors

AUBURN RD PAVT 1950

Prime 9/30/50 RT-8

3 lds prime = W side ± 9' wide 182+10
96+70
8540

= 3000 gal ±

182+10
E side ± 9' 101+00
81 10

= 13600 SY

.22 gal per S.Y.

13600 | 3000.0

Mix 1st two lds intersect ℄ to
10/2/50 180+56

Truck ±

1	IIIII
19	IIIII
7	II
5	IIII
9	IIII
8	IIII
13	IIII
11	III
6	IIII
15	K(1) Inf gal slip
3 175+0	IIII
10 180+56	IIII
8 a 1st m	III

7:30 to 6:45 Watchman

151+0 and first batch of freight cars
and 10/2/50 at 142+30
152 ± 80 poor side shoulder out

Totals 10/2/50 Mix

on Munroe calc. = 1033300

7283 S.Y. completed

= 141.8 # per Sq yd

7283 x 145 = 1056035

1032800

24235 light

10/3/50

1st Ld 9:20 after shower & now foggy & drizzle

Truck		144 # per SY
13	11	
3	11	2116 / 304725 #
1	11	
7	11	
19	11	
11	11	
15	11	
5	1	
4	11	end 130+65 at 1:15 PM
10	11	

= 2116 Sq. yds

Chake to 142+30 on W 1/2

to 147+35 on E 1/2

		Guess weights
# loads	Ramsey	16500
	Goldman	20 000
Mix chake	Morrison	16500
	Hunter	16500
		69500

waterman to 5:20

10/4/50 Mid

Truck #	1st	2nd	
1	1	1	1
3	1	1	1
4	1	1	
5	1	1	1
6	1	1	1
9	1	1	1
19	1	1	1
11	1	1	1
2	1	1	1
13	1	1	1
15	1	1	1
7	1	1	1
8	1	1	1
10			1

3/4 lb 01037 start at #6 south

9' mid on E side ±6 to Sta 95+70

800325 # mid 10/4/50

Dif at 130+65 see if double reel will help

1 lb mid choke Goldner 20000

to 138+30 E side

to 130+70 W side

Tack

± 1800 gal to Thering Rd

± 2000 " 5g " "

Watchmen to 5:30 (9 hrs)

80775 # # tack choke

Wilson's Corners N Culverts
Sold
Aug. 9 1:00 PM H Barton

Sta 15+0 ✓

Hillside culvert

Clean ditch on East side

Dig ditch for 100'

H W

Sta 19+30.9 3' x 3½ Stone ✓

Culvert to be widened

on W side

Sta 32+18 8" Tile to be ✓

replaced with 12" Cor. I.P.

clean channels on each side

W. ℄ F.

F.L. F.L

3+18 1.7 4.5 6.3 5.7 4.2 5.4

6.5 6.2 3.4 33 F.L. 15 40 50

20

12" Culvert

will not be large enough to

take care of that water

Sta 64+59.3 2½' x 3' N. 56

Sta 83± W side 2-2½ x 4

E. side 3 x 4

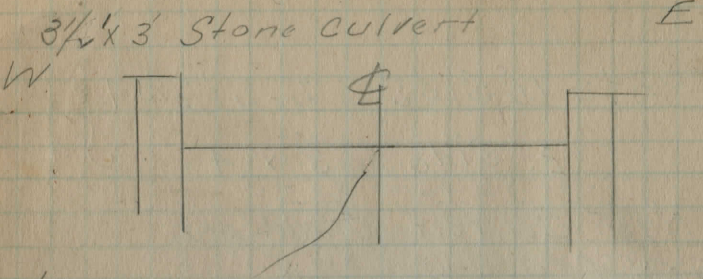
A New Culvert would be

very feasable

35 600
135

Sta 104 + 71.8

3½'x 3' Stone culvert



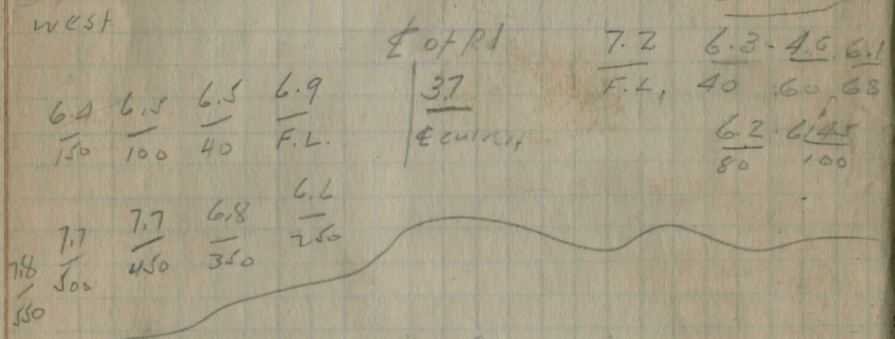
to be widened on each side ✓

2 New Headwalls

Dig Outlet Channel (600')

Clean Inlet Channel (100')

<60'>



Sta 113+0 Driveway pipe

Sta 125 + 37

Side Rd Culvert

18" C.I. Pipe with Headwalls

Remove 12" Tile

---

111 + 48

12" C I P Hillside Culvert *

Dig ditch along the [illegible] for 100'

Sta 138 + 84.42 (~~Hillside Culvert~~ ~~Not Necessary~~)

18" C.I.P. with Standard Headwalls

(Outlet for 200' ±)

Sta 145+16

Remove 8" Tile (Hillside)

Build New 12" C.I.P with Headwalls

Dig Outlet (300')

---

178 + 08.1 4'x 4 Stone Culvert
Conc Headwalls.

Extend the S. End of Culvert

the fondation stone (SW. Corner) has settled down & is 8" Below the Slab (Conc.). the stone is 3' long & will have ~~to be r[illegible] or~~ replaced with concrete —

Clean outlet

Open inlet Channel (40')

Sta 183+90.5

Remove 16' 12" C.I.P.
(Build New 18" C.I.P. ~~Hillside~~
Culvert

~~Fence~~ 3 x 3' Concrete Box

clean ~~outlet~~ channels

Sta 193+17.3
16' 12" C.I.P. to be removed

18" C.I. Pipe Culvert
clean channel

Mix 10/5/50

Truck

6	/	/	/	/	/	/	/
7	/	/					
9	/	/	/		/	/	
19	/	/	/	/	/	/	/
11	/	/	/		/		
2	/	/	/	/	/	/	/
13	/	/	/		/	/	
15	/	/	/		/	/	/
1	/		/		/	/	/
4	/		/		/	/	/
3	/	/	/		/		
8	/	/	/		/	/	/

523275 RT 6 (96+20) to 5870 (9620)

= 139.5# per SY 3750

Get ticket from Baumgartner ✓!

Quit mix at 15+50

Total Wts 10/5/50 = 1141925 #

9570
1550
8020
30
8050 / 1141925 = 141.8# S.Y.

= ± 3# heavy

Morrison & Jackson choke 59

Dont ever tack with RT 8 again - where road is at all dusty

Choked to 51+60

Watchmen to 5:30 (10 hrs)

Totals
67000# tack choke
102700# mix choke

20800 (191700 tot. mix choke thru 10/5
9.2# SY C

10-6-50

mist

Track

5	1	1	1	1	
7	1	1	1	1	1
9	1		1	1	1
8	1	1	1	1	1
13	1	1	1	1	1
1	1	1	1	1	1
6	1	1	1	1	1
15	1	1	1	1	
2	1	1	1	1	1
4	1	1	1	1	1
19	1	1	1		
3	1		1	1	
11		1	1	1	1
12			1	1	1

mist to 15+80 going North

3184 | 451850# | 145#

---

mist 15+80 to 37+80 → N

121#

2200 | 266100

127

to 53+00 1520 | 193525 | 5300

1520 | 3780

4152 | 1520

3040

1125

---

mist

Chopped going N to 24+50

~~chopped East 17+50 to 19+00~~

End mist 67+10; tot 1109075#

watchmen to 5:30

ghw

10/7
to 79+70

1260 (212500 ± Mix
168 ± per SY

9650
7970
1680
59
1739

79+70 to intersect ℄6

1739 (225300
130 per SY

Total Mix 10/7 = 437800 ±

Watch to 5:30
10 hrs

CH 10 DE

tack choke 10/7/50 75950 #

2 loads RT 3 = 2000 gal

Mud 10/9/50

started W at 69+55 9' strip

6954
5615 — 130 # per S.Y.
1339) 174175

Quit rain 9:45 am 53+50

6954
5350
1604) 209875

130.8 # yd

10/9/50

17700 mix choke

69+55 to 53+55

Watchmen to noon

10/10/50 Cool cloudy

5350
3870
1480) 182550 — 123 #

3870
2850
1020) 159550 — 156 #

1480
1020
1555
4055

2850
1295
1555) 247025 — 159 #

2 lbs to 1295 — 4055) 589125 — 145 #

to 0-60 ± — 1 120' curve at 20' wide

1295
60
1355 W
1200
2555

to 11+40 E
60
1200

4055
2570
6625) 975525 — 147 #

Extra wid 15' — 2570) 386400 — 150 #

Tandem Roller
5 T empty 8 T full
Quit 17+90

Water 5:30

mix choked to 3+50 going W
tack (N side) to 108+20

1042725 total
521.36 T

10/11

3280
1790
1490 | 177025 | 120±
1490
2802

3880
3280
600 | 88975 | 148±

177025
88975
2090 | 266000 | 127±

Door mix to 141

5370
3880
1490 | 184900 | 124±

266000
184900
2090
1490
3580 | 450900 | 126±

10/10

Mix choke #6

5355
350
5005

5005 | 55575 | 11

---

tack choke
10820

57075

10/11 1st lift tack
69+70 to 126±50 watchmen to 5:30 10/11
2nd mix choke 75+25
culvert 64+19 awfully rgt
Last 6 loads during medium hard rain
2nd mix 10/11/50 82+65 North

8265
5370
2895 | 357400 | 123

8265
1790
6475

808300
124.8

Total

Mud as of end 10/11

8265
6965
130
15360

15360 | 2060900 = 1030.45T

134#

= +4# light

10/12 Rain till 9:30

No work till 1st ld mud

11:20 a m

8910
8265
645

138#

645 | 88850
645
2435
1935
5000

9355
8265
1090

131#

1090 | 143750

9760
8265
1500

132#

1500 | 198275

Mud choke to 94+80 19750# = 10# +

Jacked & chipped to 135+50

350 gal. left in dist

*19750# No 6 choke

11510
8265
3245

10/12/50

140.6#

3245 | 456400 tot

13550
12650
900

13550
10820
2730

9.3#

3630 | 33650# took choke

Last mix 10/12/50

118+25 N side

8265
3560

3560 | 503000 tot

Watchmen to 5:00

Total mud as of end 10/12

15360
3560
18920

2060900
503000

18920 | 2563900

135.5#

= +3# light

10/13 Cold cloudy damp

50'E of from Rios' drive & to alley A 85 ± 90

5 1/2 → very light Give double seal

60
8960
6960
2000

115.5
2000 ⟌ 231075

9860
6960
2900 ⟌ 370300

128

11:30 Last fill local

10630
6960
3670 ⟌ 494350

134 #

---

choke

N side 11825
9480
2345

12.9%
5605 ⟌ 72800

S side 10220
6960
3260
2345
5605

11:30 am – 3:45 PM

No mix

8a 12150 = end 10/13
10630
1520

151 #
⟌ 229775
494350

Total mix 10/13 → 724125

18920
3670
1520
24110

24110
136 #
⟌ 3288025

as of end 10/13

Approx tons req'd to finish

13550
12150
1400 S side

13550
11825
1725 N side

1725
3125 SY
140 #

437500 # = 219 T

(120 T req'd)

12/14 Rain in A.M

No mix

1 load #6 choke to 121+50 South

Watchman to noon

10/16 Fair & warming

Get Mutt's ticket

219200 = guess 19000 for mutt

Finished job 12 noon

Total Mut 6/16

147#
3125 | 459525#

8.6
8.5
7.9-
9.45
34.45 T
7.65
8.25
50.35
9.60
59.95
8.75
68.70
7.45
76.15
9.65
85.80
8.08
93.88
9.3
103.18
8.25
111.43

Choke

11.9 #
3125 | 37400

Watchmen to 5:00

12625

1/2 = 805

12425
11825
600

3550
131+40
410
140
16400
410
57400

28.7

1 ld 19 pound

Morrison

7757

2d

11/1/50

5052 total Dowgale dust

1st Sd tar 1000

4 intersection at Rt 6 & to 4950

9650

4700

2nd ±1100

3d ±1100

4th 400

#4 Seal

3600 gal RT 8

21000
18400
21400
19425
80225

9650
2840
6810

68100
34050
102150
@ 15¢

17

6816 | 80225
6810
12125

19000
22600
17300
20800
19500
18500
117700
80225
197925±

W side Stand 65+50
±163005¢

5052
2200
7252 — tot asphalt

± 12.1 # 2 yd

both days ±4

Jer Cecil?

.2
34640 | 7252.0
71280
12400

11/1/50 only

No 10 Seal

11/1/50 2:15 PM

Req'd 5500 gal Sq Yds = 27500

206 C.Y.

Rt 8

#1 600 to 29+60 incl both sides curve

#2 1100 to 81+70 S

#3 1000 to 54+70 N from 1 to N

#4 1100 { 54+70 N to 81+70 N
81+70 S to 106+105

18900 = ± ~~6t~~ SY

.0.201 gal

18900 ⟌ 3800

11.5 #

18900 ⟌ 217700 #

11/2/50

No 1 Tar 81+70 to 131+0

1000 gal

Didn't get Hartley's ticket = 17400

11.2 #

8370 ⟌ 118000 #

#2 Tar (± 1000 guess 12/4/50)

Total RT 8 = 2000

135 50	135 50
106 10	81 70
2940	5380
5380	
8320 SY	

12860
12150
710

11/1/50
6550
9750

163005.Y.

19000
18150
15850
17050
15675
15025
18450

710 | 119200 | 168
710

4820
4260

5600

2

20550
15000
16600
19050
15650
16500
19950
19100
17700
16925

177025

14950
15700
20000
16000
19650
16900
19050

121750
16025

137775
1260

11775

1260

8220
6960

1260

109

137775
17150
17200
18100
20350
20500

tan 4°13' = .07373

.07373 / 6000000. / 813.78

58954

10160

07373

27870

22119

57510

51611

5899 0

℄ Arc

Tan = 60.00

Δ = 8°26'

813.78

Arc = 813.78

8° = .1396263

26' = 0075631

.1472894

813.78

11775152

10303258

4415682

1472894

11775152

119.779 89 32

119.80

4 / 4°13' / 1°03' 15"

29.95

119.80

8° = .1396263

26' = 0075631

.1472894

813.78

11775152

10303258

4415682

1472894

11775152

119.779 89 32

119.80

119.54 Arc

in 1003'15" = .01832

8

813.78

2

1627.56

1627.56

01840

651024.

13020 48

16275 6

29.947 10 40

Adam Watt

Janet P. Watt

1922 ✓

James & K Watt

1925 & 1926

Beg at P 1.

B.M. 1243.265 Nail in N.E. Root 18" Maple Sta 29+90 (22 W)

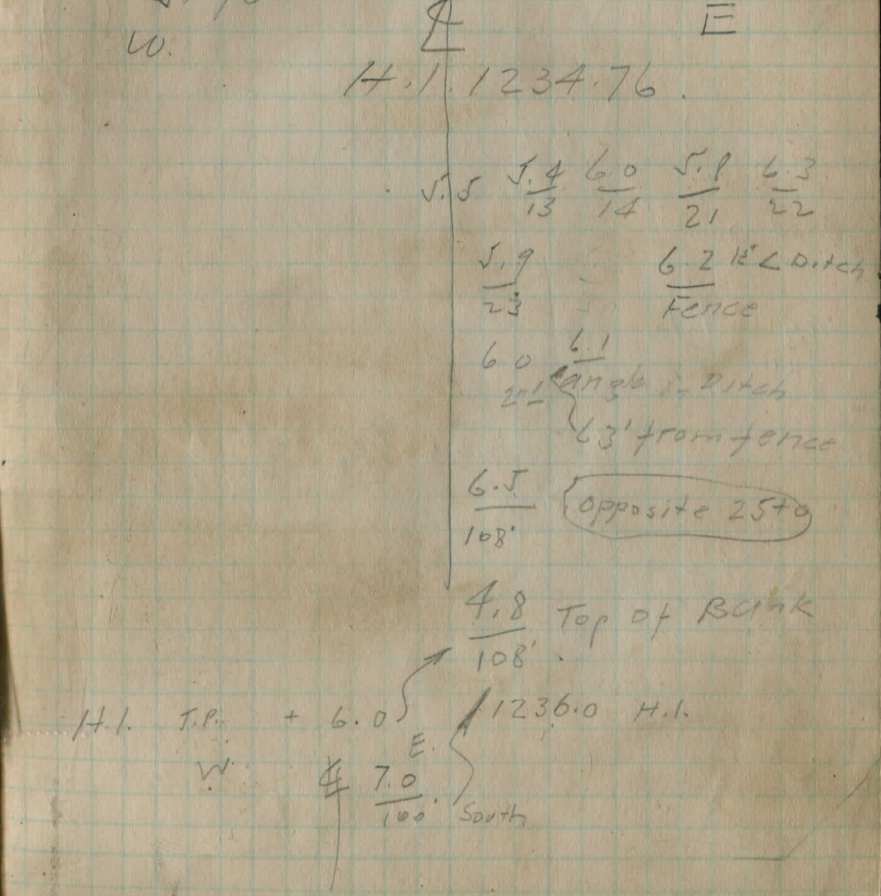
B.M. 1220.99 X on S-W Corner E. H'wall Culvert Sta 19+

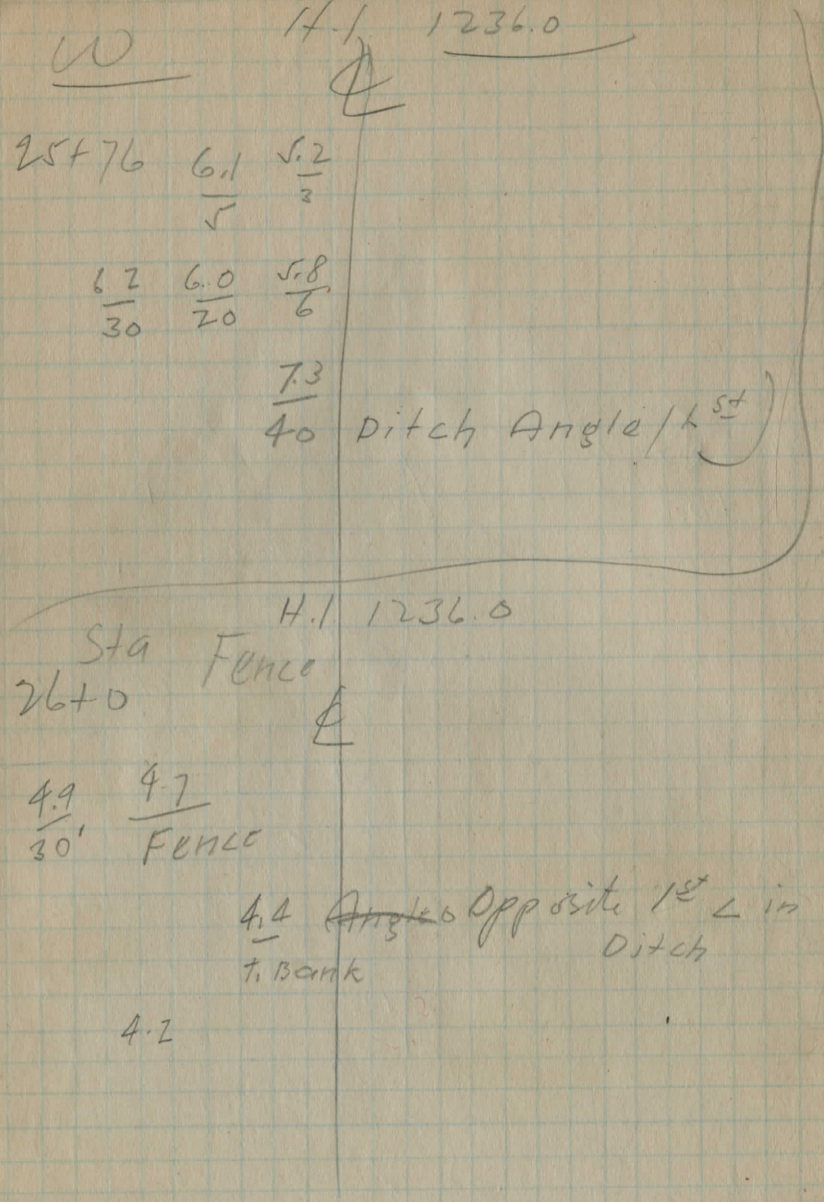
Tuesday June 18

B.M. 1243.265
+0.195
H.I. 1243.460
-11.68
T.P. 1231.780
+2.98
H.I. 1234.76
-4.28
T.P. 1230.48
+0.42
1230.90
-9.94
B.M. 1220.96
1220.99
-.03

Sta 10/200.00

Sta 28+76
W.




W
H.I 1236.0
25+76
6.1
5.2
6.2
6.0
5.8
7.3
40
Ditch Angle/t st
H.I 1236.0
Sta
Fence
26+0
4.9
30'
4.7
Fence
4.4
T. Bank
Opposite 1st ∠ in Ditch
4.2

B.M 1219.58
+ 5.27
1224.85
- 1.66
1223.19
+ 11.73
1234.92
- 072
1234.20
+5.56
1239.76
-6.80
1232.96
+ 1.87
1234.83
-11.63
1223.20
+ .15
1223.35
-12.88
1210.47
+ 0.03
1210 50
3 58
1206.92

Sta H.I. 1239.76 (R.R)
195+0 1234.8 S.O
T.P 635 1233.41

H.I 1234.8
190+0 11.6
1223.2 153+90 16850
16900
20000

H.I 1223.4
187+0 7.3
1216.1

1210.5
185+0 6.7
1203.8

35
1210.5
184+0 8
1202.5 24.1

15.7

1210.5
183+0 8.1
1202.4 10.7

9

1210.50
3.58
1206.92

260,400
10400
260
36400
18

	H.I.	+	℄	- R.R	Elev.
B.M.	1209.635	+489			1204745
108+0			6.2		
109+0			4.4		
110+0			3.1		
111+0			2.6		
T.P.	1215.185	+7.845		-2.295	1207.34
112+0			7.1		
B.M.			5.31		Nail in W. Root 30' Mark Sta 112+80 24' E Elev. 1208.875
113+0			5.7		
114+0			4.0		
115+0			0.7		
T.P.	10.36		1.415		1213.770
	H.I. 1224.13				
116+0			6.1		
117+0			3.8		
118+0			3.1		
119+0			2.0		

H.I. 1224.13

120+0 E.R.R. 0.4

T.P. + 11.64 = 123498 - 0.79 = 1223.34

121+0 E.R.R. 9.9

122+0 8.3

123+0 7.0

B.M. 1.45 = 1233.53

160+10 to 159 196

155-158 600 377 1173

2 trav Sta to 154

	Yds.
160+10	15150
	15480
	15050
	14950
	17500
	18200
	15350
	18100
	129780
	18950
	17820
153+90	166550

170085 # regd 160+10 to 154+0

170100
166500
3600 light

13.30
5.00
8.30

B.M. Ref 125 8104

1232.83
+1.59
1234.42
−10.595
1223.825
+0.69
1224.515
−12.395
1212.120
+0.58
1212.70
−6.12
1206.58
+2.29
1208.87
4.89
1203.98

B.M. -

1232.56
+1.59
1234.15
−10.595
1223.555
+0.69
1224.245
−12.395
1211.850
+0.58
1212.43
−6.12
1206.31
+2.29
1208.60
4.89
1203.71

1203.745
4.89
1208.635

B.M. Sta 19+ (Culvert)
+R.R. 12.53 ?

Note: the ± R.R. 0.5
at Sta 14

188
9 | 17000

4
25780
556
154680
128900
128900
43336.80
1

7/28 = 1

19250
632600

80
1524
1580
3184

3184 451850 145
3184
13345
12736
16090
15920

ctg 45°1' = .99304

99304
8446

595824

K = 83.87

397216
397216
79443 2
79 4432
15 84
83.87

9.0°24'

X = 83.87 × .41918 =

90° = 1.5707963
24' = .0069813

1.5777776

1.5777776
.83.87

11044443 2
1 2 6222208
47333328
1 2 6222208

1.3 2.328 207 312

45 12
60

2700
12

Say 13 2.33

1 2 | 271 2 | 276/60 = 3°46'

10 agents { Stanley Wednesday 1:30 P.M. to 11:30 P.M.
H. Batton Wednesday 2:30 P.M. to 1:30 P.M.
S. Gold Tuesday 9:00 P.M. to Wed 2:30 A.M.

2nd round

begin at 175 to

17700
19000
15850
18950

71500
15830
17000
17600 Guess, no weight

121330
20650
15000
14980
16650
12950

25780 2
5156 0

25780 3
77340
2000
75

77340
51560
128900

169+91

1173
145
5865
4692
1173
170085 lbs
neg'd 169+91

Mr H H Smith
on Wilson's Corners N.
claims he paid taxes
for 2 improv. #145 Bell St.
Does he have to pay the asses.
on Wilson's Corners too?

The property is situated

16
10
9 | 120
125
145
625
600
525
181

177
9 | 1600

177.78
145
88890
71112
17778
25778.10

178
18

PLEASE RETURN TO
GEAUGA COUNTY ENGINEER
COURT HOUSE
CHARDON, O.
PHONE 250-X