

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Road Map Survey

ARCADE ST.

From S.T.H. 61 To S.T.H. 36

Road Acc't. No. 43

Date Filed.....

File.....

1.
Oct 10-1939
13-

Alignment Notes

Arcade St. from
Keller Pky to Labor Rd

Longer

Wade 11

Stadler T

2. clear - Temp 18° E. M. N. W. Wind

Δ PT Δ LT

10+71.40

Iron Bolt &
Labore Rd +
Araade St.

10+79.38

0° 8' 15"

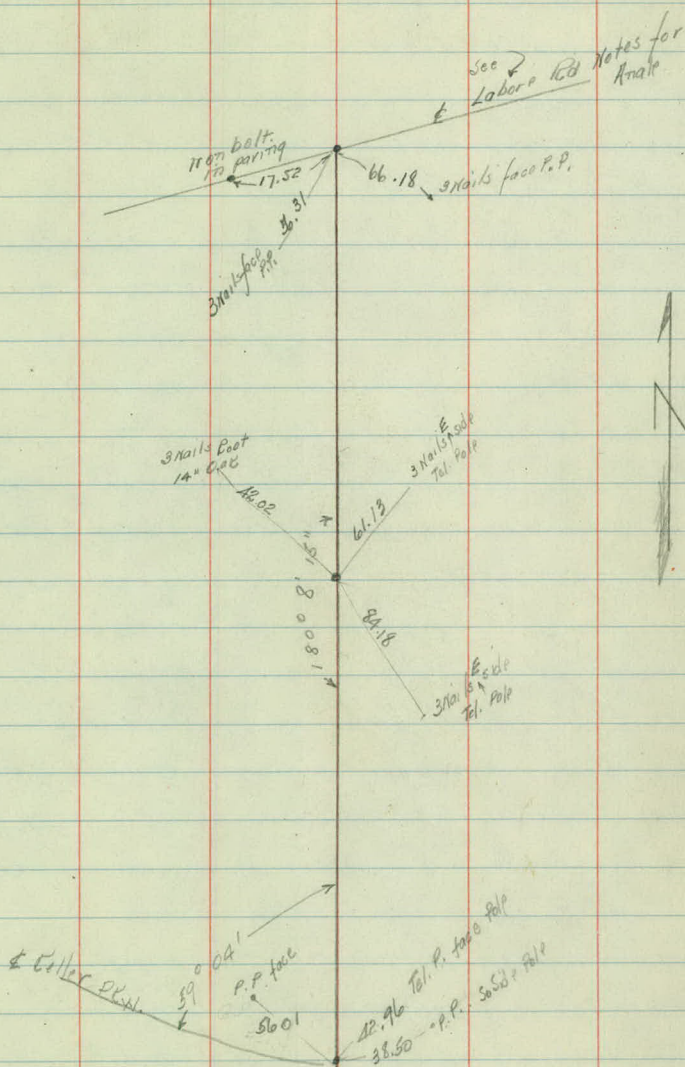
Iron Stake
Section Cor

0+00

Iron Bolt
& Keller Pkly +
Araade St.

0+ 47.92

old M. G. Iron



Oct 13, 1939

1.

Arcade St

Keller Pkwy to Labore Rd

1 of 6 pages

Stadler
Kotzger
Wadell

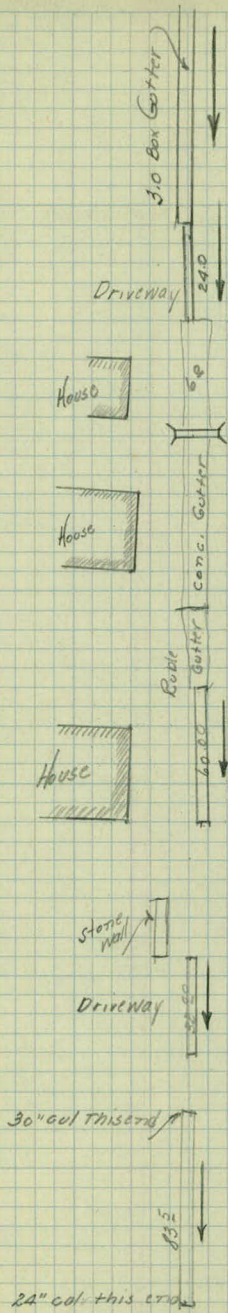
Clear - 10 M. S. Wind

Oct 13 - 1939

R. Temp 85°

LT RT.

5+00	4 Box Gutter paring	19.2 8.0	120 342	paring fence
+50	4 Gutter paring	18.8 7.2	120	paring
+24	end 24" corr culv. + begin 3.0 Box Gutter	18.6		
+12	4 Drive Way			
+00	end 62 corr. Gutter			
+00	begin 30" Cor. Culv	18.8		
	paring	6.7	12.7	paring 4+00
+69	Cor. House	35.0	33.4	fence
+50	4 Gutter paring	19.0 7.3	12.8	paring
+49	Cor. House	36.4		
+29	4 Gutter + On 3.5 Walk over Gutter	19.2		
+11	Cor. House	33.1		
3+00	paring	7.5	18.2	paring
	4 Gutter	19.4	32.9	fence
+95	Cor. House	34.3		
+50	paring	7.0	13.0	paring
+47	end Ruble (center) Gutter + begin Cor. Gutter 62	18.5		
+09	end 24" Cul + begin 6.0 Ruble Gutter	18.0		
+02	Cor. House	35.0		
2+00	paring	8.0	13.3	paring
+51	Cor. House	36.5		
+50	begin 24" corr culv	17.6		
+50	paring	6.0	14.3	paring
+47	end Stone Wall	22.6		
+28.5	begin 32 Stone Wall	22.8		
+27	end 30" culv	17.3		
+11	4 Drive Way	2.4		
1+00	paring	5.5	14.3	paring
+00			32.7	fence
+95	begin 32" corr culv.	17.9		
+55	paring	6.0	16.5	paring
+46.5	end Culvert 30"	16.6		
+38	paring	20.5		
0+34	paring	23.2	21.9	paring
0+00	edge paring (Black top)	27.5	29	paring
0-37	begin 24" corr culv.	16.5		



A.

LT E⁺Stadler
Lunzer
Wadell

10 +71.40

53.0 edge paring

+63 Paring line of Labore Rd crosses & Accede St.

+52 paring 44.0 24.0 paring

+44 ✓ 25.5 18.6

+35 paring 19.4 14.0 paring

+20 paring 14.5 10.5 paring

10+00 paring 13.0 8.0 paring
30.6 fence+60 end 5.0 Gutter
paring 12.7 10.5 paring
29.0 fence

+36 end Gutter 22.3 14.6 & 5.0 Gutter

+19.5 E Gutter 22.5

+06 L Pt in Gutter 3.0W 21.3

9+00 E Gutter 3.0 wide 21.5

paring 12.9 12.5 paring + edge Gutter

+98 6.5 paring

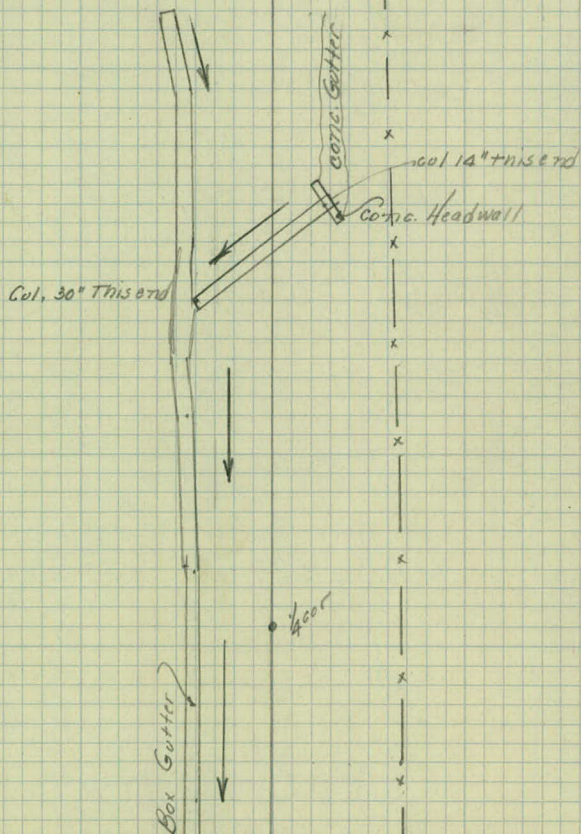
+97 13.2 end Corr. culv 1/4" This end
With 1x4 Headwall + 5.0 Conc.
Gutter

+71 end 3.5 box Gutter 21.7 30.7 fence

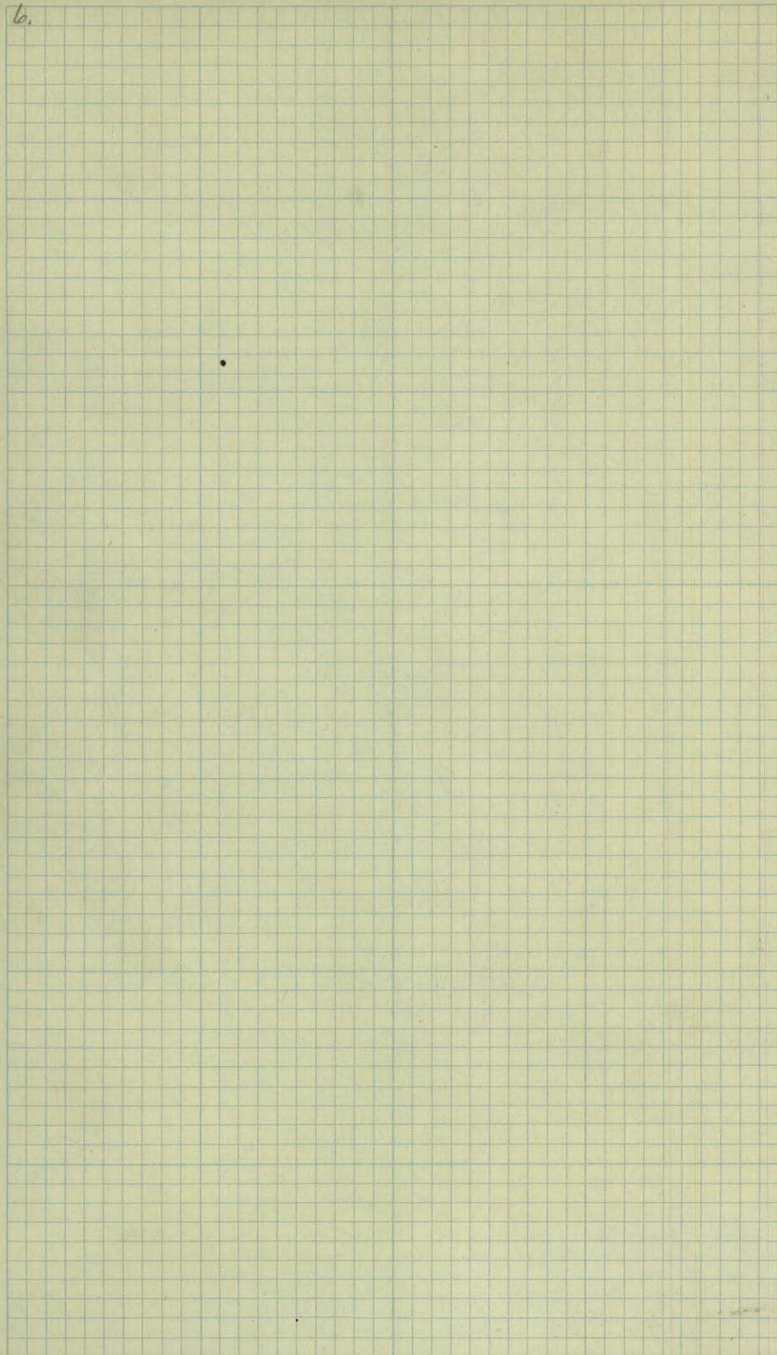
+ begin 3.0 Conc. Gutter
+68 begin 3.0 Corr. Culv. 20.0+50 E Box Gutter 3.0 22.0
paring 11.0 7.0 paring8+00 E Box Gutter 3.0 wide 21.5
paring 11.0 9.0 paring+50 E Gutter 20.2
paring 10.6 11.1 paring7+00 E box Gutter 3.5 19.9
paring wide 10.6 11.0 paring
33.5 fence

6+79.35 iron post 1/2 Car

+50 E Gutter 20.1
paring 9.3 11.1 paring6+00 E Gutter 20.0
paring 7.0 12.0 paring5+50 E box Gutter 19.6
paring 9.0 12.0 paring



6.



June-1939

Alignment Notes

Arcade St

Co. Rd "A" to Co. Rd "B"

Stodler
Lutizer
Wadell
Jack

ΔLf ΔRt

26+27. ²³ Mon.

13+13 ⁶² P.O.T.

0+00 Mon

Co Rd B²

Bolt

2.

6-2-39
Stadler
Wadell
Lutzner
Look.

Edge of 10.77

Co Rd B²

89°

90° 4' 50"

40.12
3 Nails T.P.

51.37
3 Nails P.P.

26 + 27.23

58.52
3 Nails P.P.

1308.61
Arche
(1313.95)

179.03
3 Nails P.P.

3 Nails P.P.

30.07

Bolt

1/2" 13 + 13.6A

58.73

3 Nails Top
Guard Rail Post

1313.62
(1313.95)

3 Nails P.P.

89°
50' 51.74
30°

Co Rd A²

90° 34' 35"

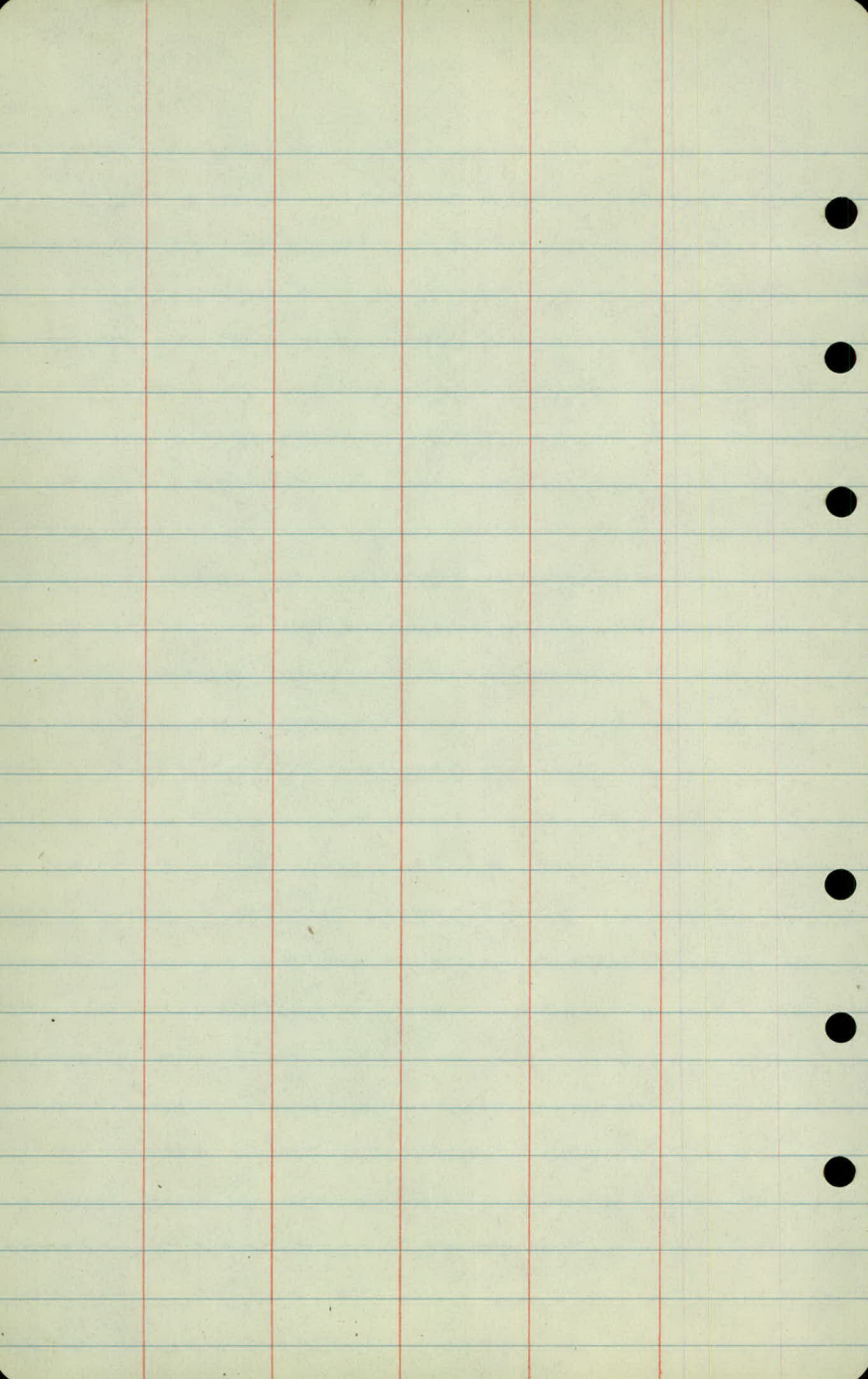
Brass plug
over Mon.

38.98

0 + 00

out on S. side
p.p. Street sign
2" above ground

90° 05' 10"



June-1939

Topog Notes

Arcade St.

Co. Rd. "A" to Co. Rd "B"

Stadler
Kunzer
Maddell
Jack

2+49	cross fence	27.1	
	black top	84	10.2
2+00	fence	30.9	
	black top	80	12.3
+69	end 18" culvert	17.0	
+82	10° Driveway		
+77	begin 18" corr culvert	16.8	
+76	begin fence	25.3	
+65	No tractor Sign		19.2
+50	edge black top	6.2	13.1
+17	Stop Sign	13.2	
+04	end 14" corr culvert	14.2	
2+00	edge black top	5.0	15.0
+96	16° Driveway		
+84	begin 14" corr. Culvert	14.2	
	end fence	25.0	
+40	end 18" corr culvert	17.5	
+25	begin fence	24.6	
	edge black top	5.0	17.0
1+00	edge paving		17.6
	Black top	6.0	
+85	end Rock curb	21.0	
	edges paving	8.2	
+67	Rock curb - & intersects paving.	21.3	
	ad paving		32.2
+62	begin 18" corr culvert	18.2	27.6
+58	Rock Curb + edge black top	22.2	
+50	edge paving	5.0	26.8
	Gutter		41.0
	begin Rock curbing	32.6	
+32	edge paving	9.0	20.2
	12" corr Drain + face Gutter		35.0
+30	end in Drain		48.3
+20	edge paving	10.5	17.5
	Gutter		30.5
+01	Co. Rd Sign		38.4
0+00	1/4 cor Road & Co Rd H ²		
	edge paving	12.0	14.2
	Rock Gutter		25.2

6-2-89

Filling Station

Flowers

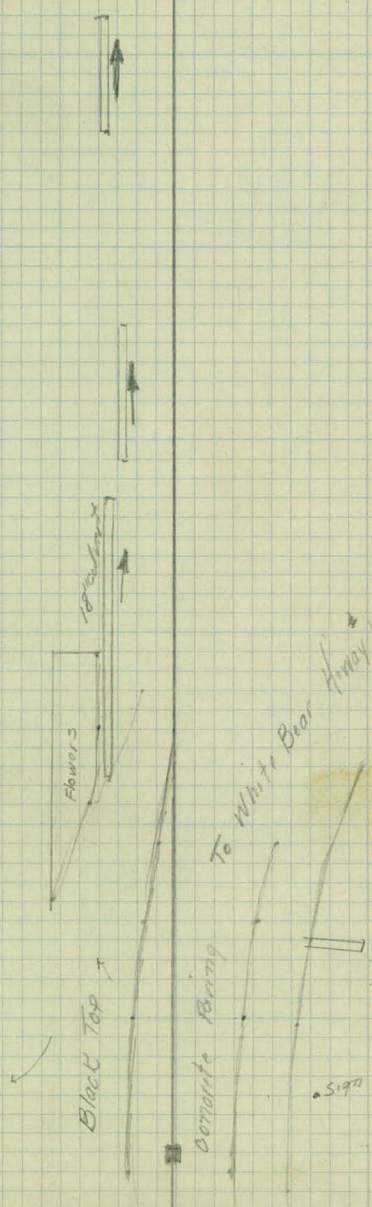
Black Top

Concrete Paving

To White Bear Highway

Woods

16.5



		LT	\$
11+88	end fence	408	84
11+97	end culvert	156	
+76	begin 14" corr culvert 26 1/2 Long.	322	
+61	fence	300	
	edge driveway	182	
	black top	92	102
+40	10" Driveway intersects & Avenue		
11+00	fence	222	
	black top	102	92
+50	fence	212	
	black top	102	92
10+00	fence	212	
	black top	102	92
+57	end 17" corr culvert (plugged)		166
+56	fence	232	
	2" corr culvert Plugged	216	
	black top	112	92
9+00	fence	236	
	black top	102	92
+50	fence	242	
	black top	102	92
8+00	fence	242	
	black top	102	92
+50	fence	252	
	black top	112	82
7+00	fence	266	
	black top	112	84
+50	fence	282	
	black top	102	82
6+00	fence	282	
	black top	102	82
+50	fence	262	
	black top	102	82
+20	2 gutter		
+18	Δ in curb edge gutter		932
			532
+15	edge curb gutter		332
			402
+10	curb gutter		234
			313
+09	edge gutter (Flagstone)		142
	curb		248
5+00	fence	262	
	edge flagstone gutter		182
	curb		222
	black top	102	82
+96	begin Beck curb		202
+50	fence	26	
	black top	92	92
4+00	fence	253	
	black top	87	92

6-5-39

25



Pasture

Park

Back Gate

21+00	black top	27	12°
+92	24" corr. Culvert	24 ⁶	25 ³
+50	black top	7 ⁶	11 ⁹
20+00	black top	7 ²	11 ⁹
+50	✓ ✓	8 ²	12 ⁰
19+00	black top	8 ⁰	11 ⁴
+59	4 10° Driveway		
+50	black top	8 ⁵	11 ⁸
18+00	black top	8 ⁶	12 ⁰
+85	2 12° Driveway		
+50	black top	8 ³	11 ²
17+05	2 10° Driveway		
	black top	9 ⁵	10 ⁵
+88	end fence		33 ³
+50	black top	9 ⁴	10 ⁶
+11	begin fence		33 ³
16+00	black top	9 ⁶	10 ⁴
+50	✓ ✓	9 ⁰	11 ⁰
15+00	black top	8 ⁴	11 ³
+50	black top	8 ⁶	11 ³
14+00	black top	9 ⁰	11 ⁸
+40	black top	9 ¹	10 ⁶
+30	2 Driveway		39 ⁰
	black top Driveway		17 ⁰
13+13 ¹ 2	1/4-1/2 Bolt (New)		
13+00	edge driveway + black top		20 ⁰
	black top	9 ²	
+90	4 9° Driveway intersects 2 9° edge driveway		13 ⁶
+56	black top	9 ⁸	10 ⁵
	1 Guard Rail Post		13 ⁵
12+00	4 Driveway		
	black top	34 ⁶	10 ⁰



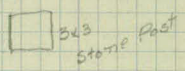
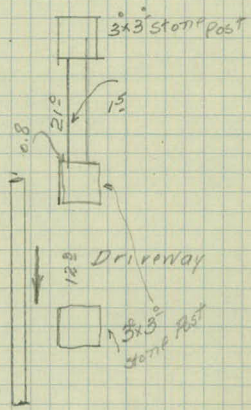
Pasture

Woods

House

House

		LT.	RT.
26+27.33	Sec. Cor. Mark black top		
	pt on culvert, under Co. Rd. "B"	140	
+22	Co. Rd. Sign		173
+14	black top line Co. Rd. "B"	358	
+10	end 12" corr. culvert		222
+05	Shld line Co. Rd. "B"		
	black top	211	
26+00	black top	165	120
+95	cross fence	330	
+97	begin 12" corr. culvert +	132	
	edge black top		
+91	Stone Post		335
	black top	82	
+90	begin 14" corr. culvert		222
+50	black top	82	173
25+00	black top	83	120
+50	✓ ✓	80	125
24+00	black top	76	120
+90	Stone Post South edge		330
+50	black top	76	124
+33	end 12" corr. culvert		330
+22	4 17" Driveway		
+12	begin 12" corr. culvert		325
23+00	black top	72	124
+89	Side Road Sign		211
+50	black top	78	123
+48	end 12" corr. culvert		362
+35	4 10" Driveway		
+27	begin 12" corr. culvert		370
22+00	black top	76	121
21+50	black top	74	122



Pasture

LT. ^K E₂

Nov. - 1939

Alignment Notes

Arcade St.

Co Rd "B" to Keller Pkwy.

Stadler
Luntzer
Wadell

(2)

Nov-1939

Sta.	LT	RT
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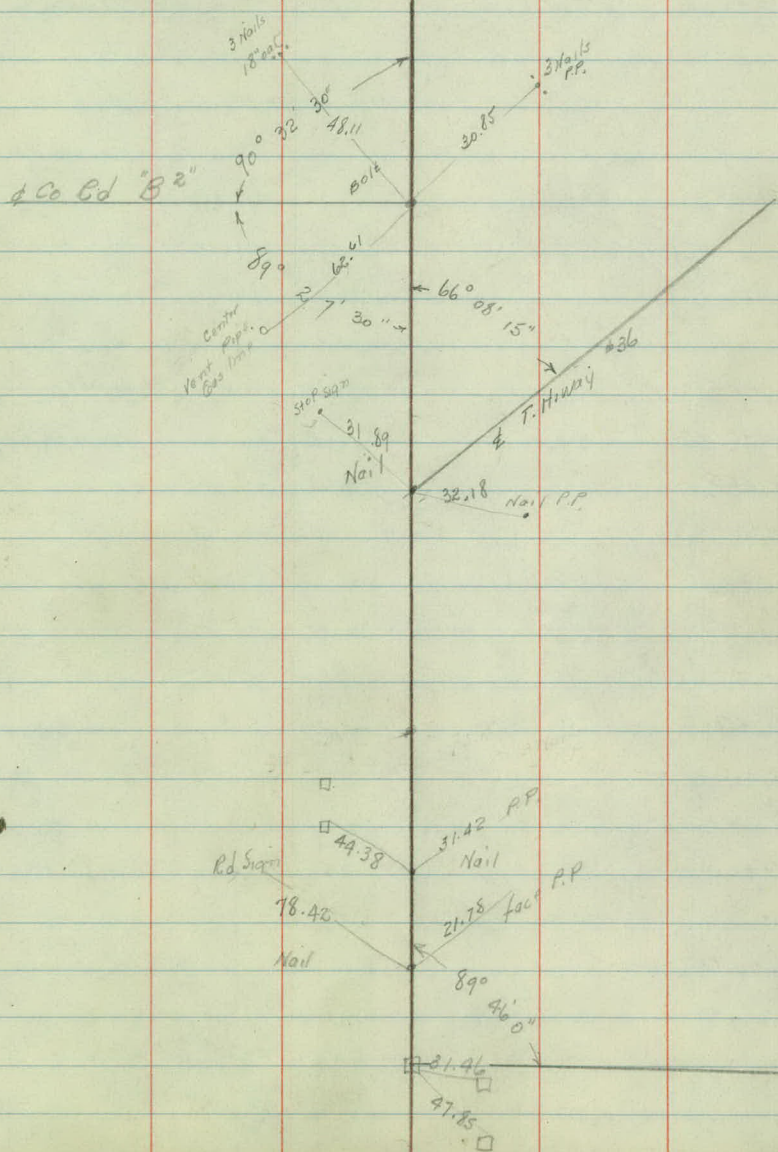
45+95.05	Bolt	
----------	------	--

41+17.84	Intersection of Trunk Hiway #36	
----------	---------------------------------	--

36+26.46	P.O.T.	
----------	--------	--

30+46.58	P.O.T.	
----------	--------	--

26+27.24	Mont. Sec. Cor.	0° 03' 0"	N.W. cor Sec. 16-29-22
----------	-----------------	-----------	---------------------------



(4) clear - warm

L.T.

Rt.

57+46.7 Northedge black top paving Keller Parkway

57+20

+

+05.66 P.T.

16° 17' 10"

Nail.

55+00

16° 6' 33"

+55

14° 6' 33"

54+00

12° 6' 33"

+50

10° 6' 33"

53+00

8° 6' 33"

52+55.02

1/4 MONT

+50

6° 6' 33"

52+00

4° 6' 33"

+50

2° 6' 33"

51+00

0° 06' 33"

50+96.51

P.C.

0° 0' 0"

Nail

Nov. 29 - 1939

(5)

by old Notes did not locate

P.I.

$\frac{1}{4}$ cor

50.90



$32^{\circ} 34' 20''$

P.T.

Ang $32^{\circ} 34' 20''$

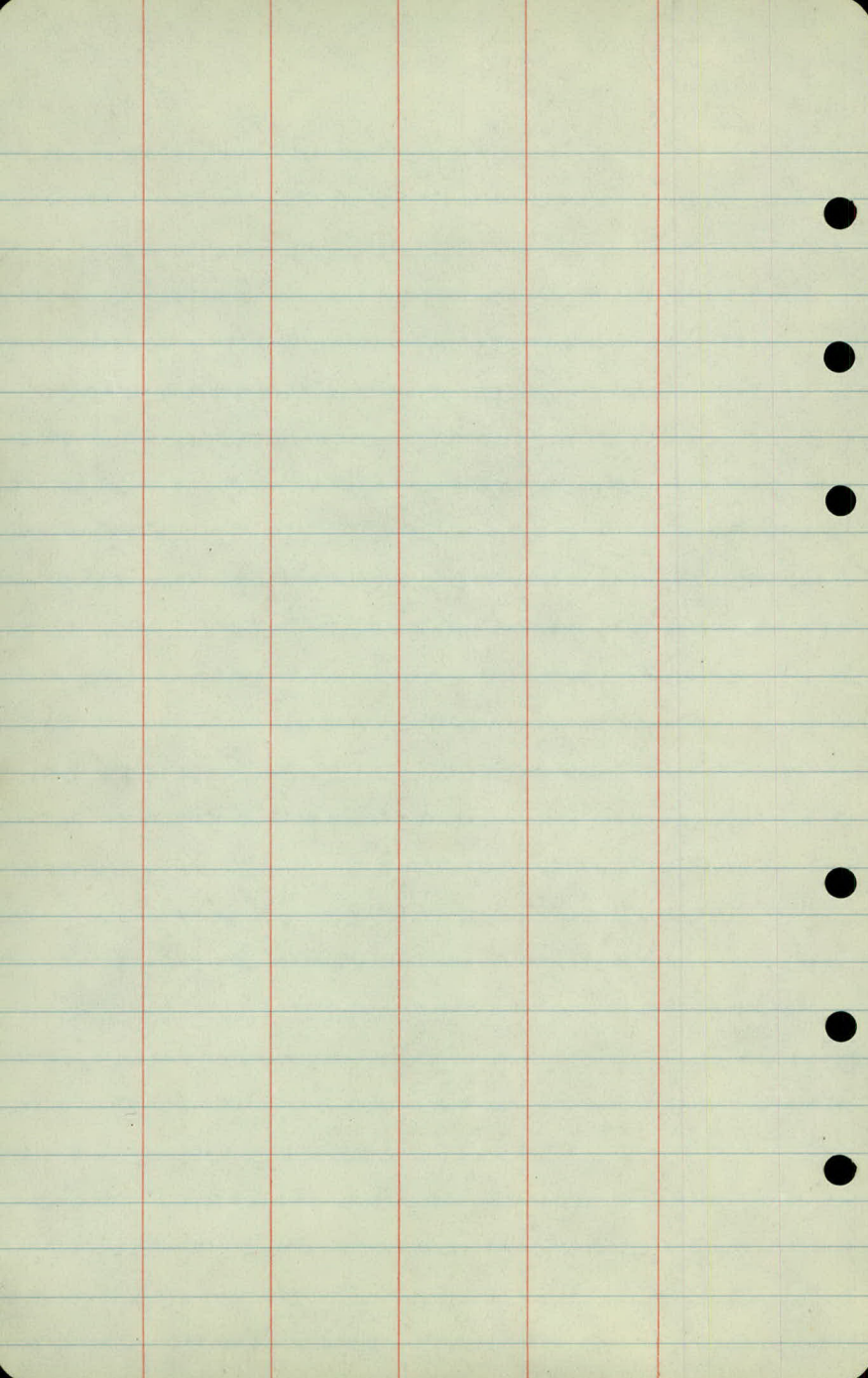
Tan

Degree 8°

Arc.

Radius

P.C.



Arcade St

Co Ed "B" North

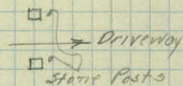
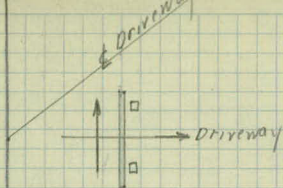
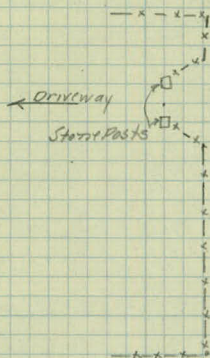
Sta 2627.24 to Celler PKW

all paring 76+27.24 to 57+46.7
Black top.Hadler
Gunnar
Wadell

② Drnsr Fog		LT	KT	
36+20			41.0	4 10.9 Driveway
36+00	paring	9.0	13.0	paring
+97			31.0	end 14" corr cul.
+96			31.4	face cor 2.5 Stone Post
+91				4 Driveway intersects 4 floodp
+87.5			33.0	4 12.5 Driveway
+80			31.2	face Cor 2.5 Stone Post
+73			30.0	begin 14" corr cul. 2d cul.
35+00	paring	9.6	13.0	paring
+85			21.1	Stop Sign Ahead (Sign)
+64	4 10.9 Driveway	33.0		
+49	End fence	33.2		
+38	Ang fence	34.0		
+28.5	4 10.0 Driveway	46.7		
	with 2.5 stone Posts			
+16	Ang fence	34.0		
32+00	paring	9.9	12.6	paring
+46			21.0	end 12" corr. cul.
+29				4 18.0 Driveway
+12			21.1	begin 10" corr cul. 34' Long
33+00	paring	9.6	13.0	paring
+53	Worn wire fence	33.5		
+30			28.5	corr. 2.5 Stone Post
+21.5				4 Driveway
+15			28.8	Cor 2.5 sq. Stone Post to face
32+00	paring	9.4	14.2	paring
31+00	paring	8.2	13.8	paring
+70			28.4	end 12" cul.
+51			24.0	begin 12" corr cul. 20' L
+46.58	P.O.T.			
30+00	paring	8.0	15.4	paring
+72	Side Ed Signs	23.4		
+45				4 23.0 Driveway
29+00	paring	8.0	15.6	paring
+24			33.0	4 10" Driveway
+24				
28+00	paring	7.5	14.2	paring
27+00	paring	8.0	13.0	paring
+75	paring	8.0		
+67	paring	11.6		
+64	end culvert (14" corr)	15.0		
+50	paring (black top)	26.5	13.5	paring
+37	paring like "B"	55.0		
26+27.24	Sec. Cor. Mark			
4 Co Ed "B"				

Nov 27-1939

(3)



Co Rd. "B"

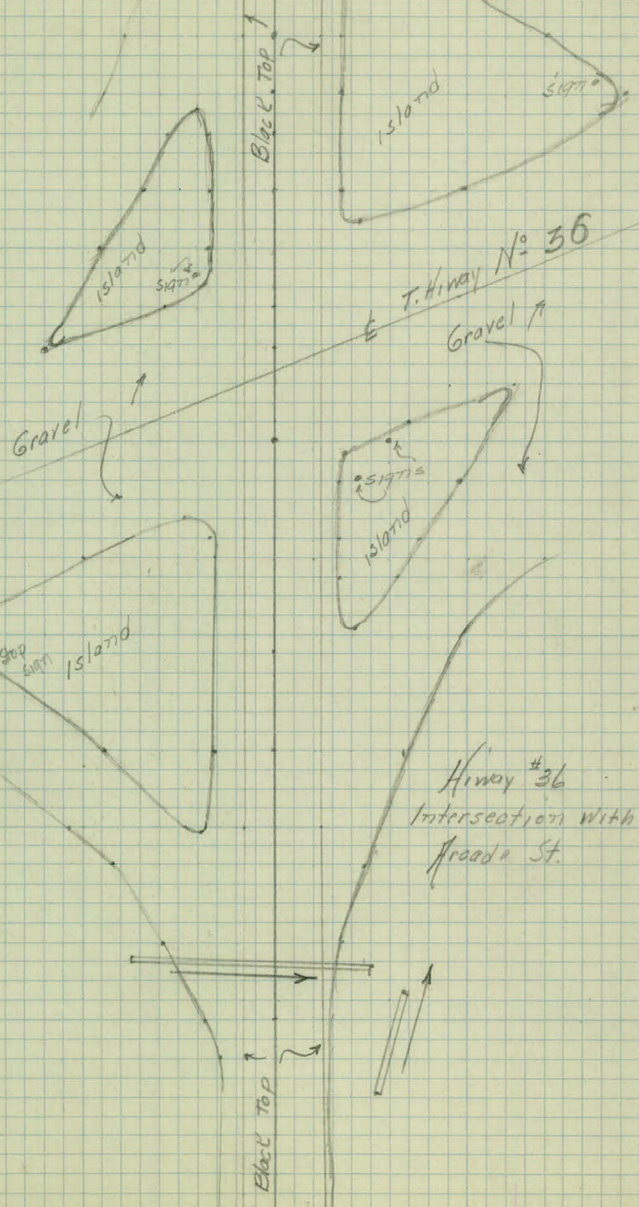
Plugged

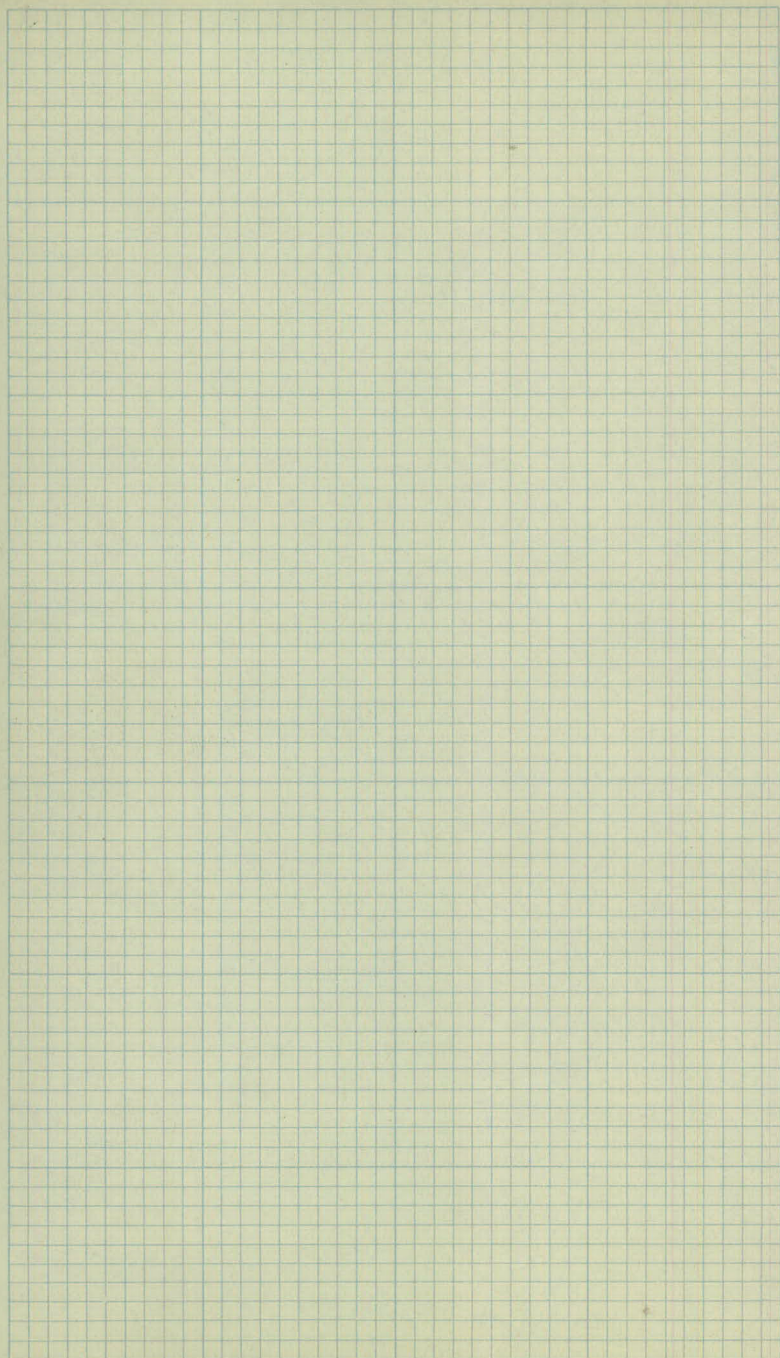
④ Partly clear 1 A.M.

Nov 27, 1939

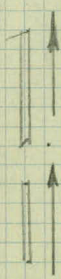
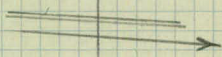
40. +80	end island 8.0 Rad	23.5		
40 +75	island	17.0	17.0	island
	island	37.0	38	island
+70	island	15.0	12.0	shld
	island	30.0		
+65			17.0	island
			32.0	island
+58			21.0	begin island 4.0 Rad
			49.0	shld
+50	end island 8.0 Rad	88.0		
+46	Stop Sign	81.8		
+20	island	15.5		
	island	44.8		
			33.2	shld
40 +00	paring	7.0	12.0	paring
	island	16.8		
	island	24.9		
	shld	53.3	25.6	shld
+98	begin Island 4.0 Rad	14.5		
+90	shld	42.2	22.4	shld
+70	shld	28.0	17.7	shld
+65.5	end 18" corr. out. 62.0 L	26.6		
+64			25.7	end 18" corr. out. 62.0 L
+57			33.5	end 18" out
+50	shld	17.9	17.9	shld
+40	shld	14.6	14.6	shld
+31			27.7	begin 18" corr. out 26.0 L
39 +00	paring	8.3	14.4	paring
+70			33.0	4 12.0 Driveway
+60			47.0	end Stone Wall
+56			37.6	Wall
+50			38.0	Wall
+43			22.3	Stone Wall
+36			17.0	begin Stone Retaining Wall
+01	end 14" corr out.	24.2		
+00	shld	14.5	14.5	shld. Rd.
38 +00	paring	9.0	13.0	paring
+87	4 14.0 Driveway	33.0		
+75	begin 15" corr out.	24.0		
	26.0 L			
+51	end 18" out.	24.8		
+36	4 12.0 Driveway	33.0		
+17	begin 18" corr out.	24.7		
	34.0 L			
37 +00	paring	8.5	17.5	paring
36 +26.46	P.O.T.			

34
20
91
80
65
50
41+00
97
90
80
75
70
65
50
40
40+00
98
90
70
64
59
40
39+00





See page
4A for
Hwy #36 intersection



6

45+54	shld	17.4	36	Vent
+48	shld	16.2	38.0	Sta. 853+39 App Line Sign
+42	shld	15.9	32.5	Vent App line
+40	Vent - App Line	29.8		
+05			152	Elbow 18" Corr Out.
+04	begins 18" Corr out.	80%		
45+00	paring shld	10.4 14.6	10.5	paring
44+00	paring	10.4	11.0	paring
		Dec 4-	19-39	
43+00	paring shld	9.0 14.7	11.5 16.4	paring shld
+95			17.0	shld
+80	shld	16.6	20.7	shld
+70	shld	17.3	26	shld
+50	shld	20.6	39.5	shld
+34	shld	25.5	22.6	end island 4.0 Rad
+20	shld	31.0	57.0 17.7 40	island island island
42+00	paring shld	6.0 39.2	12.0 17.0 91.0	paring island island
+94			87.0	stop sign
+91	shld	44.4	17.0 95.0	island island 8.0 Rad
+86	island 3.0 Rad	20.1		
+80	island	17.0		
	island	26.6		
+65	island	16.5	17.0	island
	island	34.0	50.0	island
+57			21.4	begin island 8.0 Rad
+50	island	17.0	17.0	island
	island	45.5	45.5	island
+44	stop sign	20.2	20.2	stop sign
+41	island 4.0 Rad	18.5	18.5	island 4.0 Rad
+35	island	27.4	27.4	island
+24	begin island	59.5	44.2	begin island 4.0 Rad
41+17.84	d. T. Hiway #36			
+15			62.0	end island 4.0 Rad
+05			35.0	island
41+00			29.3	Hiway 36 Marker
+97			17.2	end island
+91			20.2	stop sign
40+90			16.5 48.6	island island

24.8
22.7
17.5

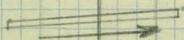
Dec 4-1939 (7)

67.54

(8)

52+62		17.7	slow & mile sign & curve sign
+53	1/4 Mont.	17.25	
+50	paring shld	10.0 14.5	paring shld
52+00	paring shld	8.4 11.5	paring shld
+50	paring shld.	7.5 11.0	paring shld
51+00	paring	8.3	paring
50+96, 51. P.C.	paring shld	8.5 12.0	paring shld
+92		26.0	shld
+83	paring	9.0	4 Driveway 12.0 wide paring
+70		27.0	shld
+50	paring shld	11.0 15.0	shld paring
50+00	paring shld	11.5 17.0	paring shld
+02		8.0 12.7 15.2	slow sign
49+00	paring shld	19.0 12.5	paring shld
+85	Side Road Sign	23.0	
48+00	paring shld	12.8 19.8	paring shld
47+00	paring shld	12.0 20.0	paring shld
+45	stop sign	23.0	
+40	shld paring	19.0 12.5	paring
+30	shld	23.0	
+21	shld	29.0	
+15	shld	37.0	
+09	shld line B ²	47.0	
46+00	paring	11.0	paring
+94		9.0	street sign
+82	shd. line "B ² "	66.9	
+77	stop sign	64.3	
+76	shld	40.0	
+70	shld paring	36.9 10.0	paring
+63		9.0	ending 12" cut.
+62	begin 12" corr cut	23.3	44.0 L
45+60	shld	21	

9



17 12

(10)

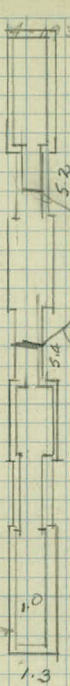
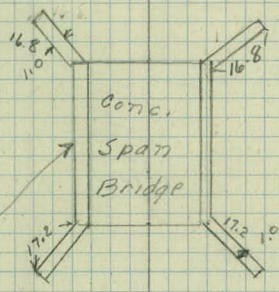
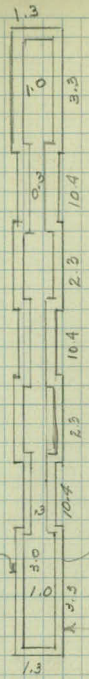
56 + 50	paring	13.3	10.4	paring
+ 47	Guard Post	16.4		
+ 41			15.8	Guard Post
+ 30	paring	11.0	100	paring
+ 21	end abutment wall	28.3		
+ 20			28.0	end abutment wall
+ 17	begin Guard Rail	15.4		
+ 15			15.0	begin Guard Rail
+ 09.5	end bridge	15.0	15.6	
56 + 09			15.0	end bridge
+ 67.5	begin Conc. Span Bridge	15.1	15.1	begin Conc. Span Bridge
+ 67			15.1	begin Conc. Span Bridge
+ 61.5	end Guard Rail	15.3	15.3	end Guard Rail Post
+ 60			15.0	Guard Post
+ 55			28.0	end abutment wall
+ 54	End abutment wall	28.5	15.2	Guard Post
	1.0 wide			
+ 47			15.5	Guard Post
+ 36			20.2	Guard Rail Post
+ 30	paring	10.4	18.5	shld
			10.5	paring
+ 15			29.0	shld
+ 05.66	P.T.			
+ 04	begin Guard Rail	15.0		
55 + 00	paring	10.5	11.0	paring
	shld	14.0	45.0	shld
+ 85				4 Drive way
+ 60			29.0	shld
+ 50	shld	22.0	18.5	shld
	paring	11.3	9.0	paring
+ 49	end 18" cul.	27.8		
+ 35	4 10' Driveway			
+ 24	begin 18" corr. Cul.	27.0		
	26.0 corr			
54 + 00	paring	12.5	6.5	paring
	shld	18.0	13.0	shld
+ 50	paring	13.6	7.0	paring
	shld	17.2	12.8	shld
+ 07			15.6	cross Rd Sign
53 + 00	paring	12.5	8.3	paring
	shld	16.0	14.0	shld

Dec 1939

11.

3.5 high
with cap
same size
base

base



Base 177
Plaster 7 Rail Oct
Wood Rail 177 Plac 8



(17)

57+46.7 North edge Parling Keller Pky.

+88	G. Post	55.8		
+132	G. Post	54.0		
+127	G. Post	48.6		
+122	G. Post	45.1		
+120	parling	39.8		
+120	P.I. - See Keller Pky	Notes		
+117		41.9		
+111	G. P.	38.6		
+106	G. Post	35.7		
+101	G. Post	33.1		
57+00	parling	29.0		
+95		50.0		parling
+92	G. Post	30.5		
+90	parling	24.9	38.0	parling
+83	G. Post	26.2		
+81		39.7		Guard Post
+80	parling	20.5	29.2	parling
+77			34.5	street sign
+72	Guard Post	28.2		
+70	parling	17.6	21.7	56+69 parling
+67	G. Post	20.9	25.6	Guard Post
+63			20.0	G. Post
+60	parling	15.0	14.4	parling
56+59	G. Post	19.4	19.7	Guard Post
	Guard Post	14.5		

10 Post 10

20 fasts

11 fasts

