

1489

6TH ST. Extension



ENGINEERS
LEVEL BOOK

No. 410

EUGENE DIETZGEN CO.

DRAWING MATERIALS, MATHEMATICAL and
SURVEYING INSTRUMENTS

Chicago New York San Francisco New Orleans Pittsburg Toronto

Distances from Center of Roadway for Cross-Sectioning
Roadway 16 feet wide. Side Slopes 1 on 1.
For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be $30.6 + (20 - 16) \div 2$ or 2 ft. added to $30.6 = 32.6$. For slopes of 1 on $1\frac{1}{2}$ see inside of back cover.

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ENGINEERING DEPARTMENT
CITY OF SAN DIEGO,
CALIFORNIA.

Sixth Street Relocation

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Preliminary Line
Stadia Traverse

Sta.	H.I.	V. Angle	Defl.	Obs. Dist.	Corr. Dist.	El.
Shots on back tan. from D		-15° 28'		44'	41	245.1
		-15° 00'		96'	90	232.7
		-15° 55'		166'	153	207.3
		-0° 45'		246'		253.2

4.90
C 257.7 1.13' 17° 22' Rt. 314' 257.8 → 252.8

5.11
B 278.4 -3° 05' 20° 12' Rt. 288' 273.31

5.04
A 300.3 -3° 37' 8° 25' Rt. 350' 295.31

4.95
O+0 305.0 -2° 41' 93° 00' Rt. 101' 300.0

Indexed
C.S.K.

Oct, 19 1
Daniel, Inst.
James, Rod

Top of bank, above road.
Outside edge of road, inside edge 27' nearer to D
Bottom of draw, center hair on 11.0

Outside edge of road

5' from toe of bank

O+00 = Int. of 6th St.
with N. Line of Univ. Ave.,
B.S. on face of low
concrete wall.

Elev. Assumed

Prop. line

Prop. line

Prop. line ← 61.30' → Prop. line

O+00
University Ave.

SIXTH ST

Sta. H.I. V. Angle Defl. Obs. Dist. Com. Dist. El.

P.O.T. 495

G. 191.0 +2°14' 0°00' 169' 186.0

On tan. ahead 12.7 123' 178.3 Inside of road, bank 9' high here

Shots from G { +4°46' 134' 133 197.1 Outside of road

on back { -18°25' 71 64 165.0 Bottom of Draw

Tangent { +3°45' 159' 196.5 Inside of road, toe of bank

Oct. 20
Daniel, Inst.
Jones, Rod

4.60

F 228.6 -9°14' 29°18' Lt. 240' 234 224.0

Back sights from F { +1°30' 240' 230.3 Top of bank, above road

F { -3°00' 210' 213.0 Inside edge of road

4.62

10.4 7°40' Lt. 134' 234.1 Wooden Post marked 9, 10

E 244.5 -3°10' 5°23' Lt. 286' 285 239.8

4.68

D 261.1 -4°46' 9°08' Rt. 200' 196 256.4

-3°46' 9°15' Rt. 150' 246.6

-15°15' 8°45' Rt. 80' 228.8

Bottom of Draw, center hair on 12.0

10.0' 9°15' Rt. 30' 251.1

Sta.	H.I.	V. Angle	Defl.	Obs. Dist.	Corr. Dist.	El.
	5.03					
N	120.9	-2°30'	20°11' Lt	1020'		115.81
	4.83					
N	120.6					115.8
Shots on Back tan from N		+3°00'		315'		132.3
		+1°30'		240'		116.8
		+2°55'		140'		122.9
M		-2°50'	10°01' Lt	500'		140.51
	4.50					
L		-8°15'	3°26' Rt	144'	141	160.9
P.O.T.						
K		+6°41'	0°00'	92'	89'	150.31
Shots on back tan from K		+3°24'		58'		153.7
		+3°00'		400'		171.2
		+3°15'		480'		177.5
P.O.T.	4.5			44'		192.6
H.	197.1	-4°35'	0°00'	532'		192.61

Same point, new set up

Oct. 22
Daniel, Inst.
Jones, Rod

Oct. 21
Daniel, Inst.
Jones, Rod

Outside edge of road
Bottom of Draw, center hair on 10.0
Outside edge of road

M at foot of bank,

L on edge of cut bank + borrow pit.

On road, opposite draw, 16" Metal pipe culvert here
E of road, opposite large draw
Foot of bank, inside edge of road

Top of bank above road'

Sta. H.I. V. Angle Defl. Obs. Dist. Corr. Dist. El.

P.O.T. 3.05

"S" 6.4 0°00' 1038' 45.0v "S" in front of house next to gravel plant

"R" 5.00 5.4 89°14' Lt. 675' 45.4v "R" = approx. P.I.

"Q" 4.75 48.4 3.0 89°18' Rt. 650' 43.6v "Q" = approx. location of P.I.

"P" 3.00 -0°34' 620' 45.8 1/2 of road entering from west
-0°41' 32°30' Rt. 1000' 53.5 55.5 Approx center of rd., opposite corral gate, McCready Ranch

"O" 4.65 -1°38' 7°43' Lt. 625' 71.3v On inside edge of road
On back tangent from "O" { +1°45' 420' 87.1 Inside edge of road.
+2°00' 545' 90.3 Outside " " "

Sta.	H.L.	V. Angle	Def. h.	Obs. Dist.	Cor. Dist.	Fl.
"	5.15					77.2
X	5	+3°48'	94°34' Lt.	209'		63.4

→ Point in approx. center of canon
 → Opposite mouth of canon

5
 880
 10.3
 3.7
 5.2

"	5.15					59.8 ✓
W	65.0	1.6	16°26' Lt.	357'		17.1 42.7

"	4.95					48.9 ✓
V		+2°15'	84°22' Rt.	297'		

Approx. location of P.I.

"	5.10					43.7 ✓
T	48.8	+0°25'	0°00'	872'		

Diff. in elev. between T & V = 5.2'

Shots on

Back Tan.	6.2			234'		42.6
-----------	-----	--	--	------	--	------

N. Bank

from "T"	9.7					39.1
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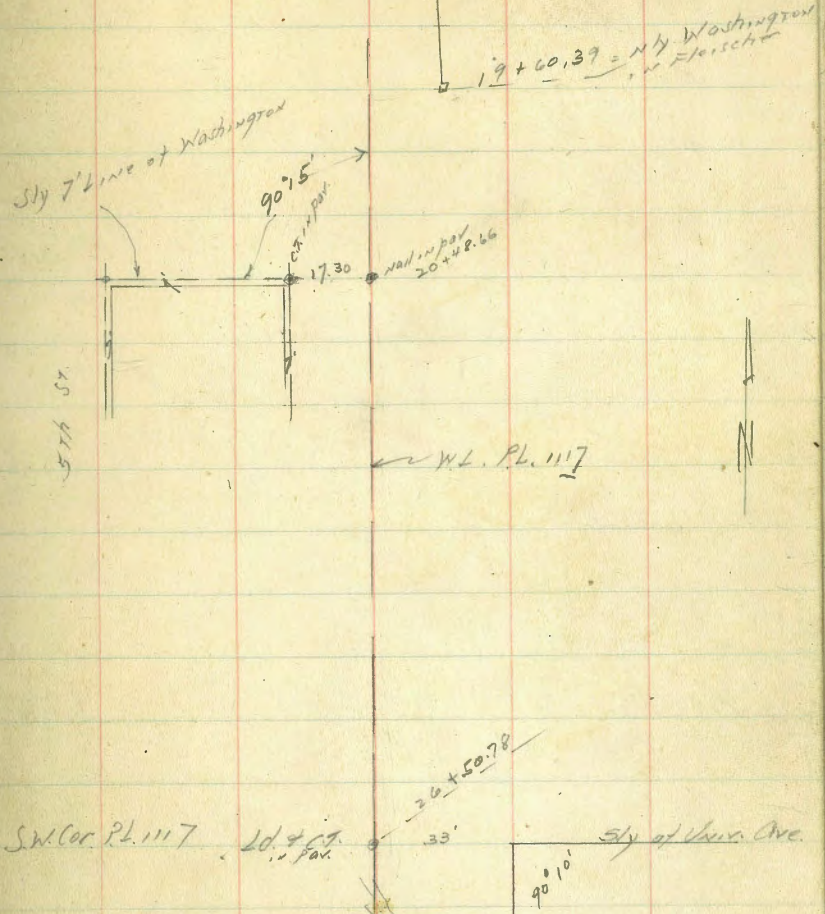
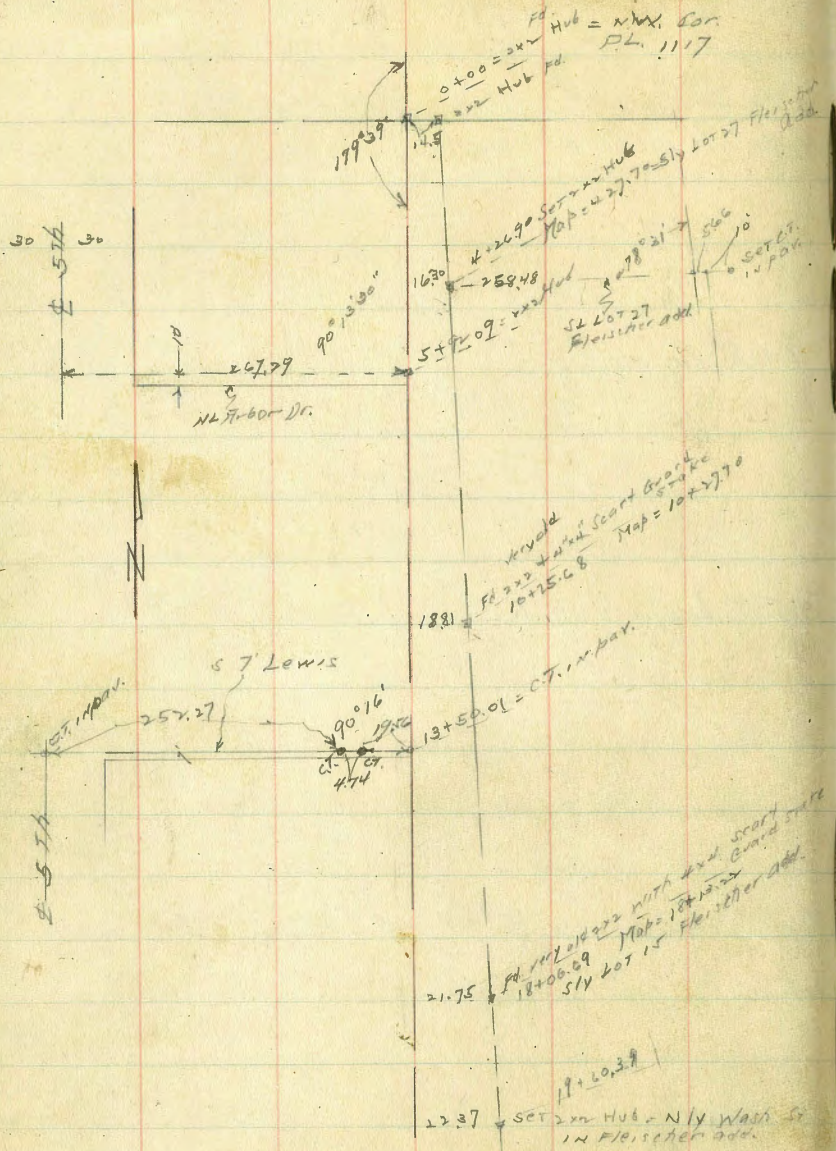
Bed of river (average)

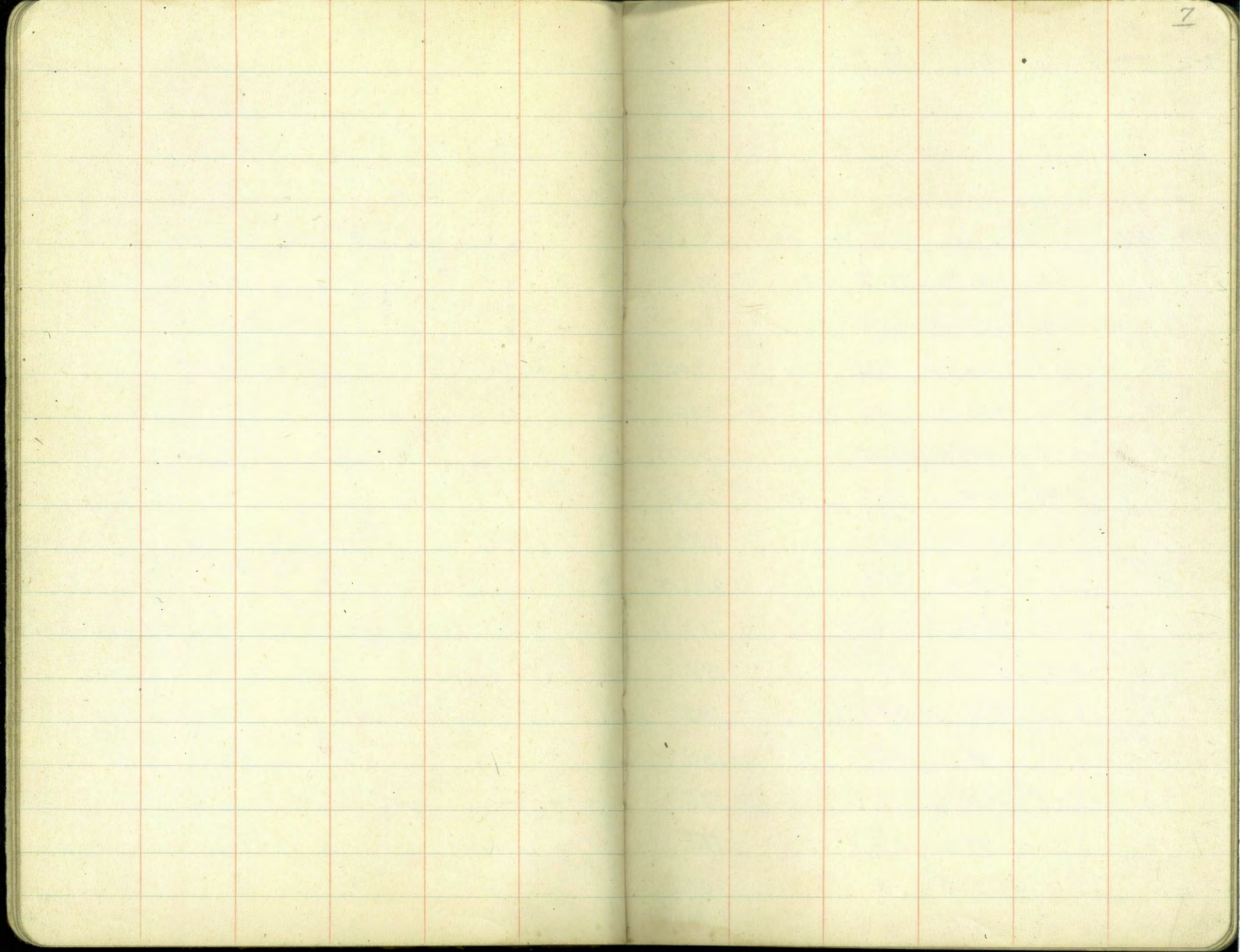
	4.4			485'		44.4
--	-----	--	--	------	--	------

S. Bank

Survey of Nly Line of P.L. 1117

Indexed
c.s.K.





Sta. H.I. V. Angle Azim. Obs. Dist.

8 Oct. 25
Daniel, Inst.
Jones, Rod

Sta.	H.I.	V. Angle	Azim.	Obs. Dist.
"Z"	4.8			352.7
B.M.	3578			353.0
#1	4.9 359.1 P.O.T. 4.90	3.6	114°59'	317
#2	4.9 357.6 P.O.T. 4.9	6.4	122°15'	310
#3	4.8	8.9	122°15'	273
#4	5.0	-3°25'	122°15'	310
#5	4.9	-4°15'	154°45'	250
#6	4.9	-2°49'	144°28'	587
#7	4.9	+2°45' 2°45'	603 167°43'	603
#8	4.8	-3°07'	158°33'	328
#9	4.9	-3°23'	146°24'	390
#10	5.0	-3°33'	121°37'	264
#11	5.1	-3°17'	129°08'	243
#12	5.0	-3°25'	84°15'	410
#13	5.0	-3°52'	76°40'	333
#14	5.0	-3°30'	90°25'	296
#15	5.0	-3°17'	110°53'	318
#16	5.0	-3°35'	118°11'	287

Inst. at Point on edge of pavement, E. side of Escobedo Road, marked "Z", P.S. along edge of pavement, Azim. 0°00', Mag. Bearing No. 15 W.

Spike in hub, elev. 352.99

Inst. at #1, B.S. on "Z", Azim. 114°59'

" " #2 " " #1, " 122°15'

" " #3 " " #2, " 122°15'

" " #4 " " #3 " 122°15'

" " #5 " " #4, " 134°45'

" " #6 " " #5, " 144°28'

" " #7 " " #6, " 167°43'

" " #8 " " #7, " 158°33'

" " #9 " " #8 " 146°24'

" " #10 " " #9 " 121°37'

" " #11 " " #10 " 129°08'

" " #12 " " #11 " 84°15'

" " #13 " " #12 " 76°40'

" " #14 " " #13 " 90°25'

" " #15 " " #14 " 110°53'

#4, at beginning of old grade

#5 bot. draw

Mag. 512°15' E
6-7

Mag. 331°00' E
10-11

Oct. 26
Daniel, Inst.
Jones, Rod

Mag. 569° E
14-15

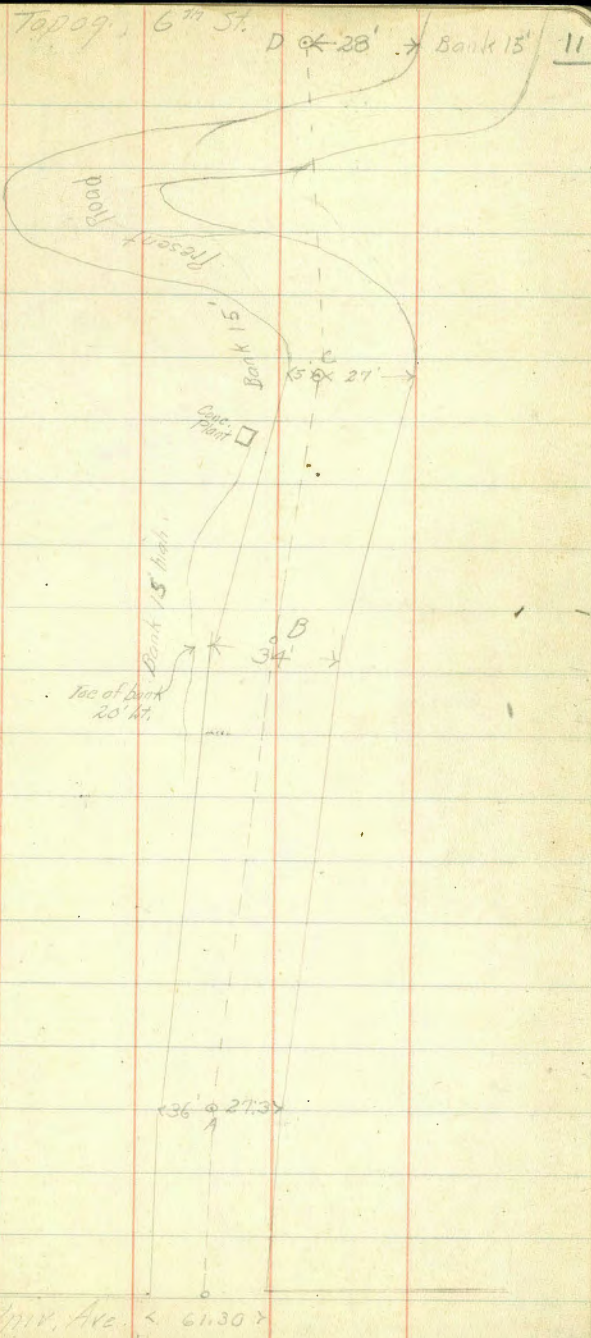
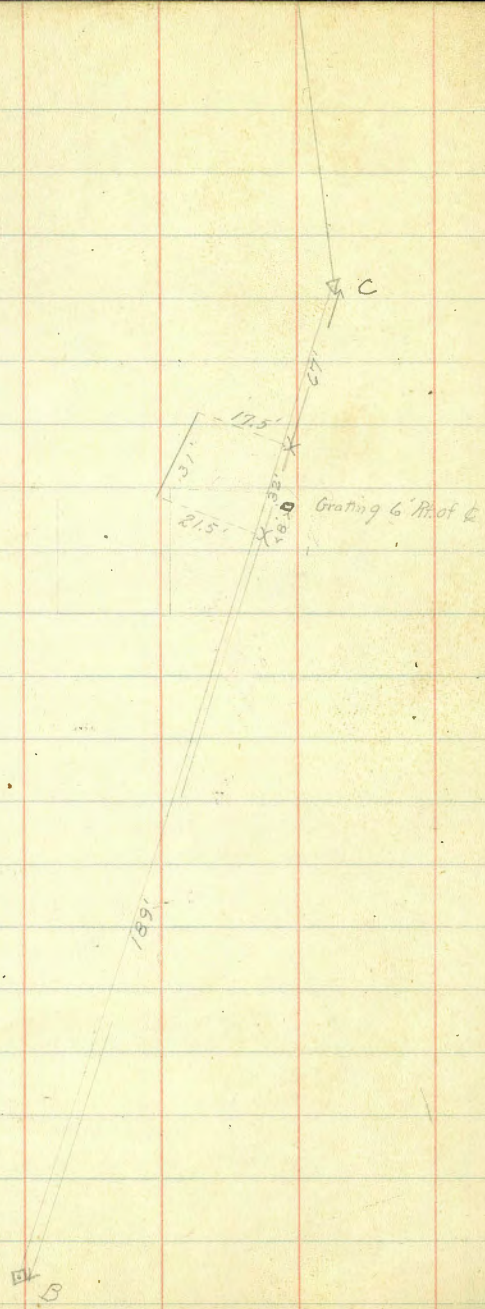
Sta.	H.I. 4.9	V. Angle	Azim.	Obs. Dist.	El.
#17 = "Y"		-3°16'	110°31'	272'	66.7
"X"		-3°31'	116°46'	210'	53.8

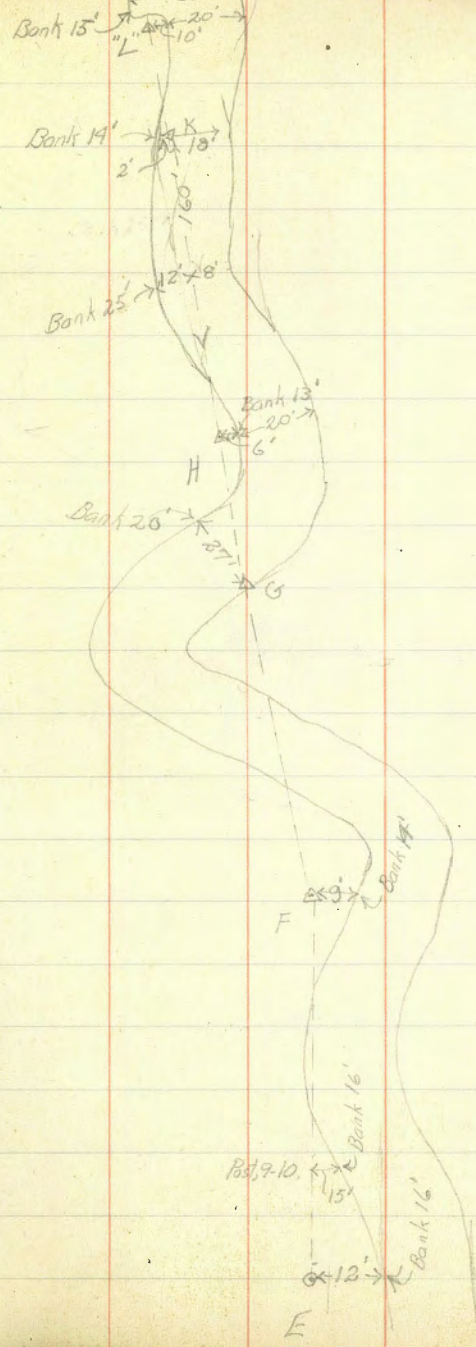
Inst. at #16, B.S. on #15, Azim. 118°11'

"X" - "W"
Mag. S 63°15' E

61
27
6001

The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. Each page is divided into two columns by two vertical red margin lines. The right page has the number '10' written in the top right corner. The notebook is placed on a white surface, and the dark cover is visible at the edges.





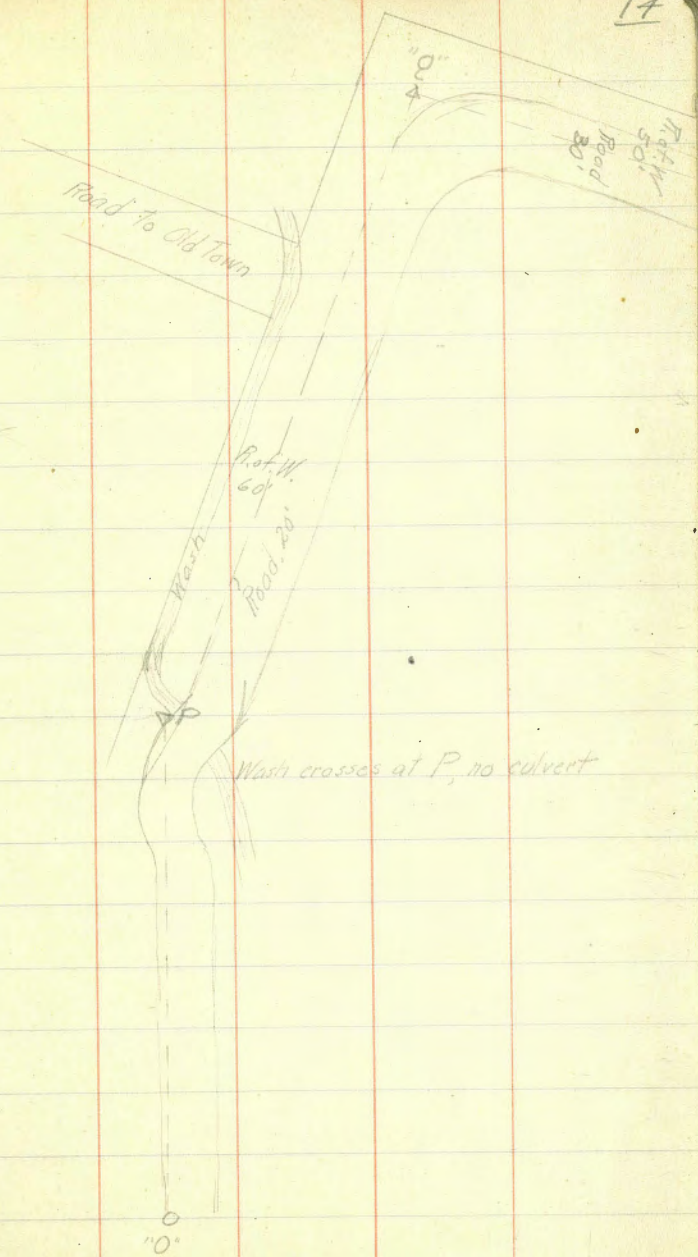
Bank 8' \rightarrow 0"
 \leftarrow 25' \rightarrow

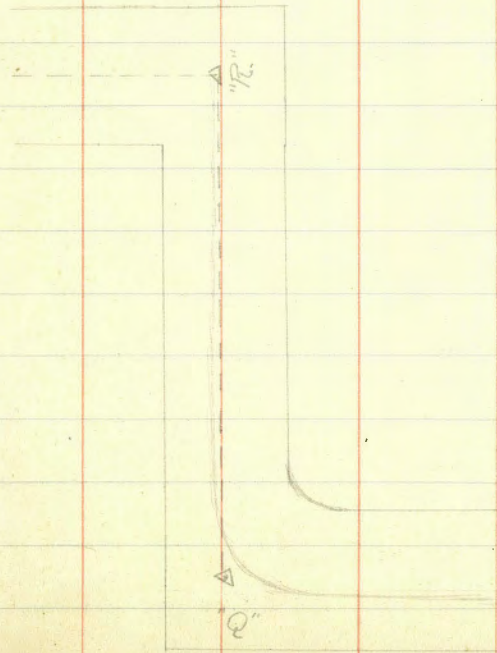
Buchanan St. about 140' beyond "N"

Bank 15' \rightarrow 30' \rightarrow 5'

Bank 17' \rightarrow 36' \rightarrow
 "M"

"L"





The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. Each page has two vertical red margin lines, one on each side of the central gutter. The pages are otherwise blank, with no text or drawings. The number '16' is handwritten in the top right corner of the right page. The notebook is placed on a white surface, and the dark cover of the notebook is visible at the bottom edge.

Nov. 1
Dario I. Inst.
Lind, Head Ch.
Jones, floor 11

Sta. Δ Pl. to Pl. Defls.

1+65⁰ P.T. 3° 44'

1+50 3° 17'

1+00⁰ P.I. 7° 28' P.T.

1+00 1° 51'

0+50 Curve Pt. 0° 25'

0+35⁵ P.C. Δ = 7° 28'

 R = 1000'

 T = 65.3' 0° 00'

 L = 130.3

107.53

Handwritten scribble

0+00, P.O.T. 0° 00'

-669 93° 00' P.T.

1+00⁰ P.I.

Copper Tack in pavement

B.S. on c.t. line on

Univ. Ave.

6" 51'

Curb Return ← 41.65' → Curb Return

Univ. Ave. 0+00

○ -669 ○ C.T.

20.87

C.T. B.S.

Sta Δ P.I. to P.I. Curve Data Deflections

Void, 0+00 - 16+87²

See Pps. 5-8, Book 2

5+ 5+85.6 ?

5+00 120

4+95.84 P.T.		Curve Pt.	10° 01'	d = 10.065'
4+75		Δ = 20° 03' Rt.		d = 25' - 4' 11.63'
		T = 170.8	6° 32'	
		L = 59.8		

4+66.24, P.I. 20° 03' Rt

4+50 312.59 2° 21'

4+36.04 P.C. 0° 00'

4+00 Fence 5' Lt.

3+68.15 P.O.T. R.O.T. Fence 2' Lt.

3+00 Δ P.I.

2+00

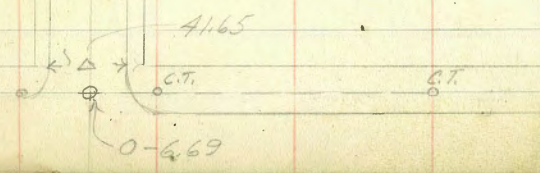
1+53.65 P.I. 19° 11' Rt

1+00

0+00' 9

-06⁶⁹ 90° 00' Rt

0+00, centered between curb returns.



-0+06.69 on line of 2 C.T.s, and centered between C.T.s at cors of 6th St.

Sta.	Δ	Pl. To Pl.	Curve Data	Defls.
7+95 ² P.O.T.				Top of bank, outside of road.
7+36				P.C.
7+00				
6+19 ² P.O.T.			56°37' Lt.	Con. of Bldg 52.2' 2' outside fence
6+17.0 P.T.			Curve Lt. 10°34'	6+14, crosses fence into road.
6+00			$\Delta = 21^{\circ}08'$ $R = 175$ $T = 32.6$ $L = 64.6$	
5+85.0 P.I.	21°08' Lt.			Fence 10' Lt.
5+75			3°42'	
	119.4			
5+52 ² P.C.			0°00'	

11+97⁷ P.O.T.

8' from top of bank

11+25

Bottom of draw

11+00

10+32.1

Chaining Point

10+30

Top of bank

10+00

Inside edge of road

9+65² P.O.T.

On outside edge of road

Nov. 4
Daniel, Inst.
Lind, Hood Chain
Clare's, Bear

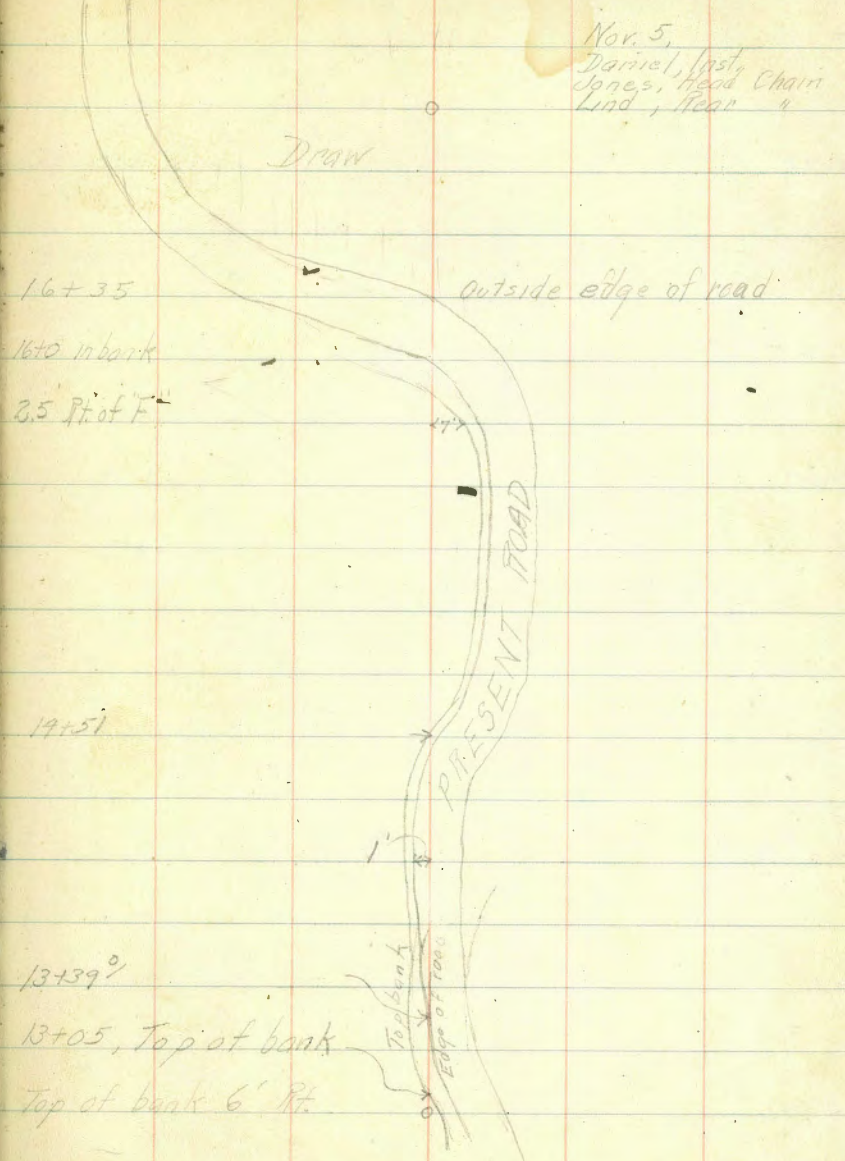
9+15

Bottom of wash

9+00

8+00

Sta.	△	P.L. to P.L.	Curv Data	Defls.
16+90 ^o P.T.				14°49'
16+50				12°54'
16+00			Curv Lt. 10°31'	
15+38 ^o P.L.	29°38' Lt.		△ = 29°38'	
15+50			P = 600'	
			T = 158.7'	
			L = 310.3	8°08'
			Ext. = 20.6'	
15+00				5°45'
14+50				3°21'
14				
14+00				0°58'
13+79 ^o P.C.				0°00'
13+39 ^o P.O.T.				
13+05				
12+99 ^o P.O.T.				



19+01

Top of bank

19+36 ^o/_o P.O.T

19+00

In bank

18+00

to Road

17+66 ^o/_o P.O.T

On outside edge of road

17+15

Center of draw

17+00

28+00

6' from foot of bank

27+48³/₄ POT

Foot of bank, this point for slope chaining only

27+04³/₄ POT

Top of bank

27+00

26+63³/₄ POT

Hub, 5' from Top of bank

26+00

Top of bank

25+00

24+90

Top of bank

24+72

Toe of bank

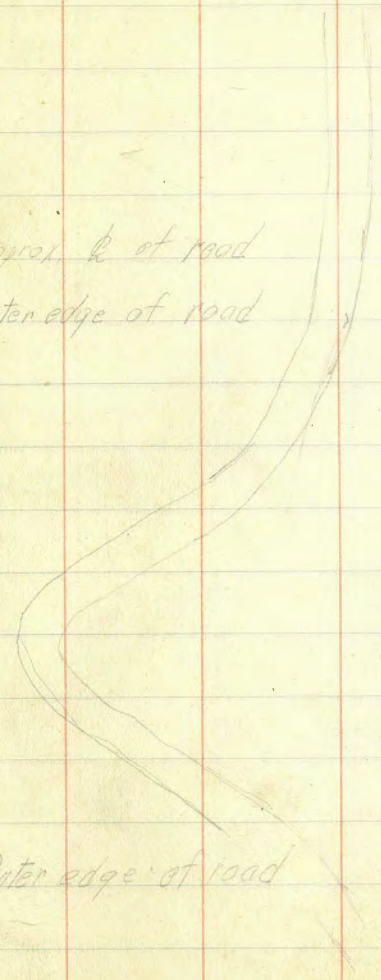
24+00

to Road, opposite draw, culv. under

Sta.	Δ	P.I. to P.I.	Curve Data	Defls.
33+42 ³ P.T.				13° 51'
33+00				12° 38'
32+00			Curve left. $\Delta = 27^{\circ} 41'$ $R = 1000$	9° 46'
31+20			$T = 246.4$ $L = 483.2$ $Ext. = 29.9$	
31+05 ³ P.I.		27° 41' Lt.		
31+00				6° 54'
30+00		1574.2'		4° 02'
29+00				1° 10'
28+69 ³				
28+59.1 P.C.				0° 00'

Approx. $\frac{1}{2}$ of road
Outer edge of road

Outer edge of road



Nov. 6
Daniel, Inst.
Jones, head Chain
Lind, Rear "

Sta. Δ Pl. to Pl. Curve Data Defls.

40+00

39+00

38+00

37+00

36+00

35+00

34+00



Sta.	△	P.L. To P.L.	Curve Data	Dist.
45+00		VOID-	41+54 ⁶	
			to 48+97 ⁴ , see pp. 10-11, Book 2	

44+00

43+00

42+76² P.T.

3° 30'

42+50

Curve left. 2° 44'
 Δ = 7° 00'
 R = 1000'
 T = 61.2
 L = 122.2
 Ext. = 1.9'

42+15² P.L. 7° 00' Lt.

42+00

1° 18'

41+54⁶ P.C.

0° 00'

49+44° P.T.

15° 57'

49+00

12° 21'

Corro Pt.

 $\Delta = 31^{\circ} 53'$ $R = 350'$ $T = 100'$ $L = 194.8$

8° 15'

48+50

48+49² P.L. 31° 53' Pt.

48+00

4° 09'

47+49² P.C.

0° 00'

47+00

46+00

58+31 2/3 P.I.

58+31 2/3 P.I.

57+00

56+00

55+00

54+00

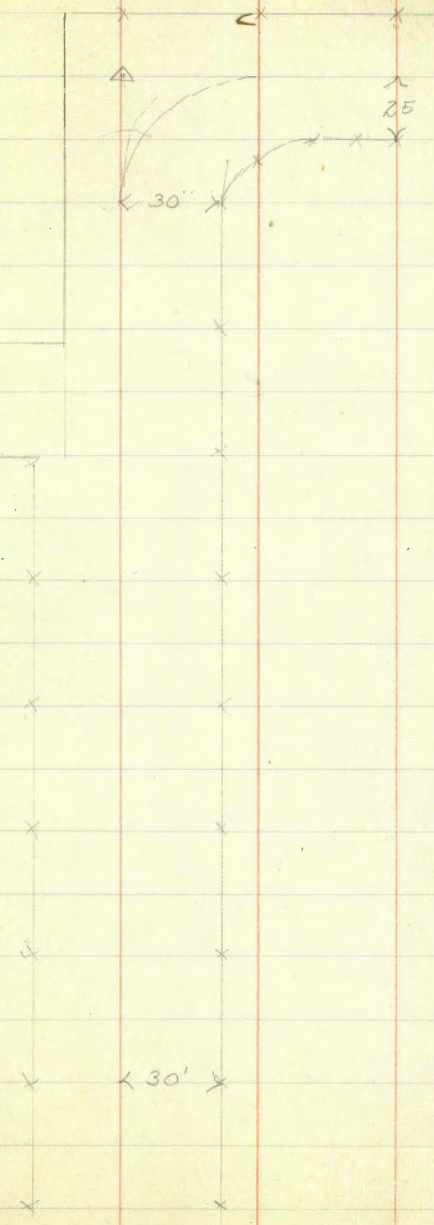
53+00

52+00

51+00

50+00

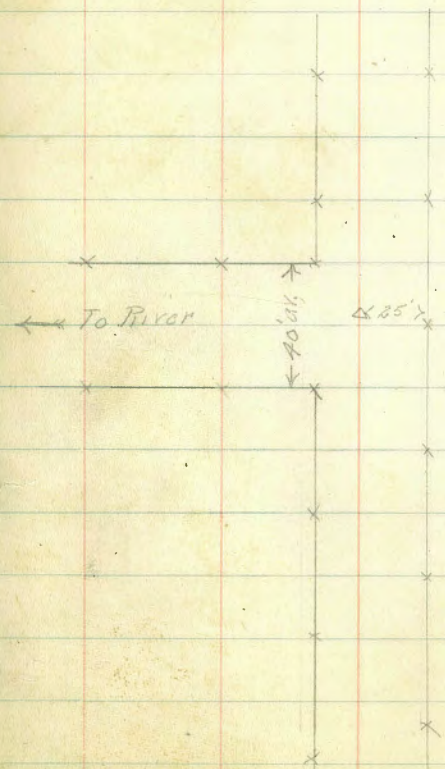
Road to
Old Town



Sta.	Δ	P.L. to P.L.	Curvature	Value
60+00				
59+40 ³ P.T.				44° 5'
59+25				42° 32'
59+00				38° 47'
58+75			Curva P.L.	35° 02'
58+50			$\Delta = 89^{\circ} 39'$	
			$R = 191'$	31° 17'
			$T = 189.8$	
58+31.2 P.L.	89° 39' H		$L = 278.9$	
58+25				27° 32'
58+00				23° 47'
57+75				20° 02'
57+50		987 ²		16° 17'
57+25				12° 32'
57+00				8° 47'
56+75				5° 02'
56+50				1° 17'
56+41 ³ P.C.				0° 00'

Nov. 8
Daniel, Inst.
Jones, Chain

Sta.	△	P.I. to P.I.	Curve Data	Detls.
67+00				
66+00				
65+00				
64+75 ^{1/2} P.I.			Curve Pt.	
64+75			Δ=90°	
64+50			R=121.56	45°00'
64+25			T=121.56	
			L=191.0	44°56'
				39°02'
				33°10'
64+05 ^{3/4} P.I.				90°06' Lt.
64+00				27°16'
63+75		655 ±		21°23'
63+50				15°29'
63+25				9°36'
63+00				3°45'
62+84 ^{3/4} P.I.				0°00'
62+00				



76+00

75+00

74+00

73+00

72+00

71+00

70+00

69+00

68+00

86+00

85+00

84+00

83+00

82+00

81+00

80+00

79+00

78+00

77+00

Sta.	△	Pt. to Pt.	Curve Data	Depts.
89+38 ^{1/2} P.T.				38°43'
89+75				34°11'
89+50			Curve Point	29°25'
89+25			△ 77°26'	
			R=150	24°38'
			T=130	
89+00			L=202 ^{1/2}	19°52'
89+16 ^{3/4} P.T. 77°26' P.T.				
88+75				15°05'
88+50				10°19'
88+25				5°32'
88+00		2562 ^{1/2}		0°46'
87+96° P.C.				0°00'
87				

This curve was changed on map. New curve is not in field books, new P.T. coincides with old, back tangent parallel and about 7' West.

Nov. 9, 1926
Daniel, Inst.
Jones, Head Ch.
Satgudo, Recr. Ch.

93+74³ P.T.

3

93+50

Curve left
Δ = 60°10'
R = 358.2'
T = 207.5
L = 376.1 20°06'

93+00

92+50

92+06² P.I. 60°10' Lt.

Void

92+00

16°06'

91+50

12°06'

91+00

8°06'

90+50

4°06'

90+00

0°06'

89+98¹/₄ P.C.

0°00'

= P.I. of preceding curve

327.7'

Nov. 10
Daniel, Inst.
Jones, Head Cr.
Salgado, Rear "

Sta. Δ P.I. to P.I. Corrodata Defls.

Void, 91+96' to 119+30⁶

97+00 See pp. 14-17, Book 2

96+04⁵ P.I.

96+00

95+48⁴ P.I. 50°30'

95+00 Corroleft 43°32'

94+38³ P.I. 101°00'ht. Δ = 101°00'

94+50 R = 200' 36°22'

94+00 T = 212.6' 29°12'

93+50 L = 352.6' 22°53'

93+00 14°53'

92+50 7°43'

92+00 0°34'

91+96⁴ P.I. 0°00'

91+00

90+50

90+00

89+50

Nov. 12
Daniel, Inst
Jones, Head Ch.
Salgado, Rear "

Sta. Δ P.L. to P.L. Corre Data Defl's

108+00

107+00

106+75³ P.L.

106+00

105+00

104+00

103+00

102+00

101+98⁹ P.L.

101+00 P.O.T.

100+85

100+00

99+00

98+00

Correlett. 21° 00'
Δ = 42° 00'
R = 650'
T = 249.5
L = 476.5

17° 41'

13° 17'

8° 52'

4° 28'

0° 03'

0° 00'

#13 is 25' Pt. of 106+98

#15 is 14' Pt. of 100+85

1086 ±

Nov. 13
Daniel, Inst.
Jones, Head Chi
Salgado, Rear "

Sta. Δ P.I. to P.I. Curve Data Details:

120+00

119+85 PT
119+22
119+00

34°12'30"
30°56'

#9 is 9' Lt. of 119+22

118+00

Curve Pt. 27°07'
Δ = 68°25'
R = 750' 23°18'
T = 509.9
L = 895.6
Ext. = 156.9

117+00

116+55

#10 is 33' Pt. of 116+55

116+00

115+00

114+21

35' Pt of #11

114+00

113+00

112+00

111+00

1174⁰

110+90° P.C.

110+29

110

2' Pt of #12

Nov. 15
Daniel, Inst.
Salgado, Chain

109

Sta. Δ P.I. to P.I. Curve Data Detls.

Void, 123+31^o - 125+63^o

126+41 See pp. 18, Book 2

#7 is 2' lt. of 126+41

Nov. 17,
Daniel's Inst.
Salgado, Ch.

126+00

125+82¹/₂ P.T.

Curve Pt. 10°16'30"
Δ = 20°33'
R = 700'
T = 186.9'
L = 251.1 7°55'

125+00

124+00

2°49'

123+31^o P.C.

983²/₁

0°00'

123+06

#8 is 3.5' lt. of This Sta.

123+00

122+00

121+00

Sta.	Δ	P.I. to P.I.	Corre Data	Def's.
135+00				
134+00				
133+66 $\frac{1}{2}$ P.T.			Curve Lett.	11°37'30"
133+00			$\Delta = 23^{\circ}15'$	
			R = 600'	8°28'
			T = 123'	
			L = 243'	
132+46 $^{\circ}$ P.I.	23°15'			
132+48				
132+00				3°42'
131+22 $^{\circ}$ P.C.				0°00'
131+00		790.8'		
130+00				
129+00				
128+00				
127+00				

6 is 2' Lt. of this sta, on tangent line (back tan.)

Sta. Δ P.I. to P.I. Curve Data Defls.

142+00

141+00

140+75

140+00^o P.O.T.

139+00

138+30^o P.O.T.

138+00

137+00

136+00

#4 is 44' Pt. of 140+75

Nov. 18
Daniel Inst.
Salgado, Head Ch.
Ward Near "

Sta. Δ P.I. to P.I. Curve Data Defls.

149+71 Void 142+23⁵ to end
149 of line, see pp. 19-20, Book 2

#1 is 10' Lt. of 149+71

148

147

+60

#2 is 43' Lt. of 146+60

146

145+20² P.I.

Corre left 14°10'
Δ = 28°20'
R = 600' 13°12'
T = 151.5
L = 296.7

145+00

144+00
143+77

8°26'

#3 is 54' Lt. of 143+77

143+75° P.I. 28°20' Lt.

143+00

1132.3'

3°39'

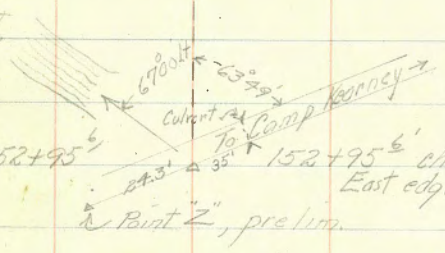
142+23⁵ P.I.

0°00'

Sta. Δ Pl. to Pl. Curve Data Details

67°00' Lt. Center of draw, across road

63°49' Rt. Edge of pavement



152+95⁶ P.O.T.

'Z' is 24³' lt. of 152+95⁶

152+95⁶ chisel mark in East edge of pavement

Point Z, prelim.

152+00

926.9'

151+00

150+00

The image shows an open notebook with two facing pages. The pages are aged, yellowed, and feature horizontal ruling lines. Vertical red lines create columns on both pages. The right page is numbered '43' in the top right corner. There are some faint, illegible handwritten marks on the right page, including what appears to be 'H.' in the middle-right section. The notebook is placed on a white surface.

"A" Line

Sta.	Δ	P.I. to P.I.	Curve Data
------	----------	--------------	------------

141

140

139

138+71⁸ P.T.

Curve Pt.
 $\Delta = 8^{\circ}00'$
 $R = 600'$
 $T = 42.0$
 $L = 83.8$
 $Ext. = 15$

138+30⁹ P.I. 8⁰⁰ P.T.

138+29⁹ C.C.

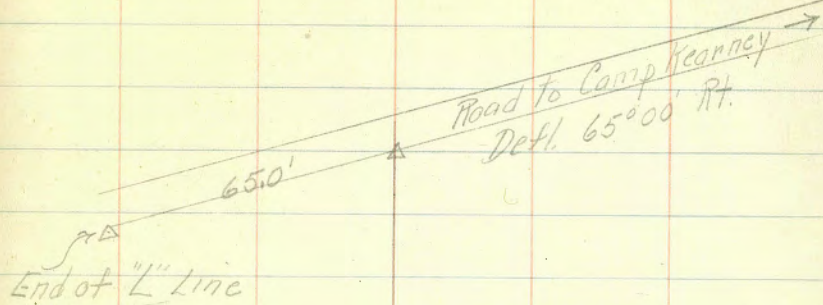
138+00

137+88⁹ P.C. "A" Line

= 137+88⁰ P.O.T. "L" Line

Nov. 18
 Daniel, Inst.
 Salgado
 Ward

Sta.	Δ	P.I. to P.I.	Curve Data	Detts.
153+60 ²				
153				
152				
151				
150		975.5		
149				
148				
147				
146				
145+89 ² P.I.				18°45'
145+00 ² P.I.			Curve Left	14°30'
144+00			$\Delta=37°30'$	
			$R=600$	9°44'
			$T=203.7'$	
144+00 ² P.I.		37°30' Lt.	$L=392.7'$	
143				4°57'
142		570.2'		0°11'
141+96 ³ P.I.				0°00'



The image shows an open notebook with two facing pages. Both pages are cream-colored and feature a grid of horizontal blue lines and vertical red margin lines. The left page is completely blank. The right page has the number '47' handwritten in the top right corner. There are a few small, faint marks on the right page, including a small dash near the top center and a faint scribble in the middle. The notebook is placed on a white surface, and the bottom edge of another page is visible at the very bottom of the frame.

Profile, 6th St.

Sta.	+ H.I.	-	Elev.
B.M.	5.10	286.81	281.71
T.P.	4.36	287.85	6.32 280.49
0+00			1.98 282.87
B.M.		0.84	284.01
1+00		6.7	278.2
1+53 ⁶⁵		9.9	275.0
T.P.	0.66	274.63	10.88 273.97
2+00		2.7	271.9
3+00		9.3	265.3
T.P.	0.32	263.99	10.96 263.67
3+68 ²		2.1	261.9
3+96		8.0	256.0
4+00		9.6	254.4
4+04		9.1	254.9
4+36 ² P.C.	0.91	12.0	252.0
T.P.	0.71	252.59	12.11 251.88
4+50		0.8	251.8
4+75		3.1	249.5
4+95 ² P.T.		5.3	247.3

48

Nov. 19,
Danie I, Inst.
Salgado, Rod

(S.W.)

Top of pipe, cor. of vacated $\frac{1}{2}$ of 6th, at WashingtonCor. of Curb return, N.W. Cor. 6th + Univ.

Top of Hub, P.C.

Sta	+	H.L.	-	Elev.
		252.59		
5+00			5.6	247.0
5+25			7.9	244.7
5+52 ³ P.C.			8.1	244.5
6+00			4.9	247.7
6+13 ⁰ P.T.			4.7	247.9
T.P.	0.90	248.80	4.69	247.90
6+19 ⁵ P.O.T.			1.2	247.6
7+00			7.1	241.7
7+50			10.0	238.8
7+95 ³ P.O.T.			8.7	240.1
T.P.	2.47	242.50	8.77	240.03
T.P.	0.36	231.06	11.80	230.70
8+50			10.0	221.1
T.P.	1.21	221.23	11.04	220.02
8+74			11.0	210.2
T.P.	0.47	210.49	11.21	210.02
9+00			9.5	201.0
9+18			15.8	194.7

Hub at P.O.T.

3

bottom of draw

Sta.	+	H.L.	-	Elev.
		210.49	5	
T.P.	10.60	221.07	0.02	210.47
9+65 ^o			3.0	218.1
10+00			5.8	215.3
T.P.	2.67	223.10	0.64	220.43
T.P.	12.10	234.85	0.35	222.75
10+32 ¹ P.O.T.			2.8	232.1
10+50			2.0	232.9
11+00			9.0	225.9
T.P.	0.54	226.64	8.75	226.10
11+35			14.2	212.4
T.P.	9.61	235.33	0.92	225.72
11+60			9.0	226.8
12+00			5.6	229.7
12+25			14.0	221.3
12+50			10.4	224.9
12+60			11.3	224.0
T.P.	0.97	225.21	11.09	224.24
12+94 ⁴ P.S.T.			8.7	216.5

Sta	+	H.I.	-	El.
		225.21		
13+04			10.3	214.9
T.P.	3.06	217.04	11.23	213.98
T.P.	0.65	206.38	11.31	205.73
13+24			7.6	198.8
13+39 ^e			8.8	199.6
T.P.	5.80	202.56	9.62	196.76
13+79 ⁷ / ₁₆			7.1	195.5
14+00			8.5	194.1
14+50			0.9	201.7
T.P.	10.15	212.43	0.28	202.28
14+60			5.8	206.6
15+00			0.2	212.2
T.P.	10.51	222.37	0.57	211.86
15+30			1.7	220.7
15+50			6.4	216.0
T.P.	1.24	212.13	11.48	210.89
T.P.	0.30	200.71	11.72	200.41
15+95			4.2	196.5
16+00			9.4	191.3

Top of marker stake, 14+50

Sta.	+	H.I.	-	E.I.
		200.71		
T.P.	0.39	189.57	11.53	189.18
16+10			8.0	181.6
16+35			7.7	181.9
T.P.	5.73	183.92	11.38	178.19
16+50			12.5	171.4
B.M.	2.34	176.15	10.11	173.81
T.P.	0.91	165.46	11.60	164.55
T.P.	2.23	157.95	10.24	155.22
16+70			4.6	152.9
17+00			8.2	149.3
17+22			7.1	150.4
T.P.	10.82	167.72	0.55	156.90
T.P.	9.06	176.09	0.69	167.03
17+63			5.3	170.8
17+66 ^b P.O.T.			5.26	170.83
18+00			7.7	168.4
18+82			13.3	162.8
19+00			8.3	167.8

Hub, on side of road, in "Ham Pin"

Bottom of draw

On Hub.

Sta.	+	H.L.	-	E.L.	
		176.09			
19+04			4.1	172.0	
T.P.	7.10	181.27	1.92	174.17	
19+36 ^o POT			4.8	176.5	Ground
"			4.52	176.75	Hub
19+56			3.2	178.1	
19+81			4.5	176.8	
T.P.	0.76	171.59	10.44	170.83	Hub, 17+66 ⁶
T.P.	1.43	162.18	10.84	160.75	
19+95			3.6	158.6	
20+00			4.0	158.2	
21+00			9.1	153.1	
T.P.	1.44	151.80	11.82	150.36	
22+00			3.9	147.9	
23+00			8.0	143.8	
T.P.	2.93	142.89	11.84	139.96	
B.M.			1.09	141.80	Hub, about 20' lt. of 24+15
24+00			5.4	137.5	
24+72			9.8	133.1	

Nov. 30
Daniel, Inst.
Salgado, Rod

Sta.	+	H.L.	-	E.L.
		142.89		
T.P.	10.31	152.58	0.62	142.27
24+90			7.0	145.6
25+00			7.3	145.3
25+64			6.6	146.0
26+00			3.3	149.3
26+63 ³ / ₄ P.O.T.			1.8	150.8
27+00			6.7	145.9
27+04 ³ / ₄ P.O.T.			7.6	145.0
T.P.	0.19	140.97	11.80	140.78
T.P.	1.54	130.87	11.64	129.33
26+00*			3.1	127.8
26+63 ³ / ₄ *			6.0	124.9
27+04 ³ / ₄ *			7.7	123.2
27+10			8.7	122.2
28+00			12.0	118.9
T.P.	0.33	119.90	11.22	119.65
28+36			5.4	114.6
28+59 ¹ / ₄ P.C.			5.4	114.6

At foot of cut bank, about 5' Pt at 0
 " " " " " " 8' " " 0
 " " " " " " 5' " " 0

Top & Sth, 28+00

Sta.	+	H.I.	-	EI.
		119.98		
28+72			5.3	114.7
B.M.			6.40	113.58
T.P.	0.90	109.44	11.44	108.54
29+00			8.5	100.9
30+00			13.7	95.7
31+00			12.2	97.2
31+21			8.6	100.8
32+00			12.4	97.0
T.P.	0.52	98.15	11.81	97.63
33+00			7.4	90.8
33+42 ³ / ₄ PT.			9.2	89.0
T.P.	0.77	87.00	11.92	86.23
34+00			1.9	85.1
35+00			6.0	81.0
T.P.	0.41	75.31	12.10	74.90
36+00			1.0	74.3
37+00			5.8	69.5
38+00			10.4	64.9

2x2 Hub, on bank of small borrow pit, in "Hair Pin"

Sta.	+	H.L.	-	E.L.
		75.31		
T.P.	0.91	64.65	11.57	63.74
39+00			4.3	60.4
40+00			8.0	56.7
41+00			10.0	54.7
41+54 ⁶ P.C.			11.3	53.4
T.P.	1.01	54.45	11.21	53.44
42+00			0.3	54.2
42+50			4.3	50.2
42+76 ³ P.T.			4.8	49.7
43+00			5.0	49.5
44+00			8.3	46.2
45+00			11.3	43.2
T.P.	0.92	43.70	11.67	42.78
46+00			3.4	40.3
47+00			6.4	37.3
47+49 ² P.C.			7.4	36.3
48+00			9.7	34.0
48+50			10.6	33.1

Sta.	+	H.L.	-	EI.
		43.70		
T.P.	2.92	35.34	11.28	32.42
B.M.			3.76	31.58
49+00			3.5	31.8
49+44 ^o P.T.			6.4	28.9
50+00			7.6	27.7
51+00			8.9	26.4
52+00			10.7	24.6
T.P.	1.86	27.05	10.15	25.19
53+00			3.5	23.6
54+00			4.5	22.6
55+00			5.3	21.8
56+00			5.5	21.6
56+41 ⁴ P.C.			5.8	21.3
56+50			5.7	21.4
T.P.	4.23	25.63	5.65	21.98
56+75			4.5	21.1
57+00			4.2	21.4
57+25			4.1	21.5

"0" in Iron cover to manhole, S.D.C.G.&E. Co^{B.M.}, 20' Lt of 4940

Sta	+	H.L.	-	El.
		25.63		
57+50			4.4	21.2
57+75			4.6	21.0
58+00			4.3	21.3
58+25			4.4	21.2
58+50			4.2	21.4
58+75			4.2	21.4
59+00			3.9	21.7
59+25			3.8	21.8
59+70 ^{3/4}			3.9	21.7
60+00			3.9	21.7
T.P.	4.65	26.32	3.96	21.67
61+00			4.5	21.8
62+00			4.6	21.7
62+84 ^{3/4} P.C.			4.6	21.7
63+00			4.6	21.7
63+25			4.7	21.6
63+50			5.1	21.2
63+75			4.8	21.5

Sta.	+	H.I.	-	EI.
		26.32		
64+00			4.8	21.5
64+25			4.5	21.8
64+50			4.5	21.8
64+75 ² / _{RT}			4.5	21.8
T.P.	5.16	27.04	4.44	21.88
65+00			5.3	21.7
66+00			5.2	21.8
67+00			4.8	22.2
68+00			4.7	22.3
69+00			5.6	21.4
T.P.	4.68	26.19	5.53	21.51
B.M.			2.83	23.36
70+00			4.4	21.8
71+00			4.9	21.3
72+00			4.6	21.6
73+00			4.6	21.6
T.P.	3.90	25.99	4.60	21.59
74+00			4.6	20.9

Spike in Tel. Pole, left of 69+00

Sta.	+	H.L.	-	El.
		25.49		
75+00			4.5	21.0
76+00			4.1	21.4
76+55			4.0	21.5
77+00			4.5	21.0
78+00			6.3	19.2
T.P.	6.52	25.10	6.91	18.59
79+00			5.5	19.6
80+00			4.5	20.6
81+00			4.4	20.7
82+00			2.3	22.8
83+00			1.5	23.6
84+00			2.3	22.8
T.P.	3.25	26.07	2.28	22.82
85+00			4.0	22.1
86+00			4.9	21.2
87+00			4.5	21.6
87+96 ² P.C.			3.7	22.4
88+00			3.1	22.4

Sta	+	H.L.	-	E.L.
		26.07		
88+25			3.5	22.6
88+50			3.2	22.9
88+75			5.0	21.1
T.P.	10.32	35.31	1.08	29.99
89+00			11.4	23.9
89+25			8.3	27.0
89+50			6.0	29.3
89+75			4.1	31.2
89+98 ³ / ₄ P.T.			2.8	32.5
T.P.	9.75	43.60	1.46	33.85
91+00			6.0	37.6
91+76			5.4	38.2
91+96 ¹ / ₂ P.T.			1.9	41.7
92+00			2.6	41.0
B.M.	8.61	48.34	3.87	39.73
"W"			9.8	38.5
92+50			8.8	39.5
92+92			7.5	40.8

Spike in Tell Pole, Pt. of 91+75

Nov. 22
Daniel
Jones
Salgado

Sta.	+	H.L.	-	El.
		48.34		
93+00			10.7	37.6
93+11			6.6	31.7
93+50			4.2	34.1
T.P.	11.70	58.52	1.52	46.82
94+00			11.0	47.5
94+50			6.2	52.3
95+00			3.4	55.1
95+48 ³ P.T.			0.8	57.7
T.P.	11.78	68.49	1.81	56.71
96+00			3.2	65.3
96+25			0.1	68.4
T.P.	11.24	73.49	6.24	62.25
97+00			8.2	65.3
97+05			9.1	64.4
97+87			5.5	68.0
97+88			2.4	71.1
98+00			1.6	71.9
T.P.	10.36	83.84	0.01	73.48

Pit

Sta.	+	H.L.	-	E.I.
		83.84		
99+00			5.5	78.3
T.P.	11.47	94.93	0.38	83.46
99+90			9.9	85.0
100+00			12.1	82.8
100+25			8.5	86.4
101+00			4.4	90.5
101+12			3.6	91.3
101+15			5.0	89.9
101+90 ³ P.C.			0.5	94.4
T.P.	11.86	106.57	0.22	94.71
103+00			5.8	100.8
T.P.	11.44	116.77	1.24	105.33
103+80			11.7	105.1
103+90			7.7	109.1
104+00			6.6	110.2
105+00			0.0	116.8
T.P.	10.74	125.89	1.62	115.15
105+15			8.3	117.6

Sta.	+	H.L.	-	El.
		125.89		
105+30			9.5	116.4
106+00			4.6	121.3
106+30			2.6	123.3
106+35			3.5	122.4
106+58			1.8	124.1
106+60			0.6	125.3
T.P.	1086	136.66	0.09	125.80
106+75 ³ PT.			10.6	126.1
107+00			8.6	128.1
107+20			8.6	128.1
108+00			2.2	134.5
T.P.	1198	148.38	0.26	136.40
109+00			7.9	140.5
109+96			1.9	146.4
T.P.	1079	159.05	0.12	148.26
110+00			9.8	149.3
*12			7.7	151.4
110+32			7.5	151.6

Sta.	+	H.I.	-	EI.
		159.05		
110+50			9.3	149.8
110+58			7.2	151.9
110+90 ² P.C.			4.4	154.7
111+00			3.7	155.4
111+37			1.1	158.0
111+57			2.0	157.1
T.P.	11.91	170.46	0.50	158.55
112+00			9.4	161.1
112+06			8.9	161.6
112+12			9.6	160.9
112+30			7.0	163.5
112+85			5.0	165.5
113+00			3.8	166.7
T.P.	11.18	180.65	0.99	169.77
113+20			11.0	169.7
113+57			8.0	172.7
114+00			6.9	173.8
T.P.	10.45	191.00	0.10	180.55

Sta.	+	H.I.	-	El.
		191.00		
115+00			10.1	180.9
116+00			5.0	186.0
116+30			2.5	188.5
T.P.	11.92	200.42	2.50	192.50
117+00			8.1	192.3
118+00			1.6	193.8
T.P.	10.44	209.98	0.88	199.54
119+00			5.8	204.2
119+25			3.1	206.9
#9			2.6	207.4
T.P.	12.08	221.42	0.64	209.34
119+85 ⁶ PT			9.5	211.9
120+00			8.6	212.8
121+00			4.0	217.4
B.M.			0.91	220.51
T.P.	11.04	232.04	0.42	221.00
121+20			12.1	219.9
122+00			7.6	224.4

Hub under holly bush, about 40' W. of Sta. 121+10

Sta	+	H.L.	-	E.L.
		232.04		
122+25			6.2	225.8
+28			7.4	224.6
123+00			1.3	230.7
123+08			1.4	230.6
123+12			3.0	229.0
T.P.	12.04	243.36	0.72	231.32
123+31 ² PC			11.0	232.4
123+67			8.0	235.4
123+87			7.2	236.2
124+00			8.1	235.3
124+18			7.4	236.0
124+25			6.3	237.1
125+00			2.3	241.1
T.P.	9.27	251.90	0.73	242.63
125+34			9.2	242.7
125+53			4.7	247.2
125+82 ¹ PT			2.2	249.7
126+00			3.0	248.9

Sta.	+	H.L.	-	E.L.
		251.90		
126+10			3.5	248.4
+ 16			4.5	247.4
+ 41			2.2	249.7
+ 70			1.2	250.7
T.P.	11.61	263.39	0.12	251.78
126+92			11.3	252.1
127+00			9.9	253.5
127+39			8.1	255.3
+ 82			6.4	257.0
128+00			6.5	256.9
129+00			1.2	262.2
T.P.	11.98	274.39	0.98	262.41
129+17			12.3	262.1
+ 47			9.2	265.2
+ 73			8.5	265.9
130+00			6.3	268.1
+ 45			5.9	268.5
+ 64			3.8	270.6

Sta.	+	H.I.	-	E.I.
		274.39		
130+87			4.6	269.8
131+00			2.4	272.0
131+22 ⁶ PC			0.6	273.8
T.P.	11.94	286.01	0.32	274.07
131+36			11.4	274.6
+63			11.2	274.8
132+00			7.5	278.5
+50			2.7	283.3
+87			0.9	285.1
133+00			2.4	283.6
+22			2.1	283.9
+41			0.6	285.4
T.P.	10.64	296.15	0.50	285.51
133+65			10.7	285.5
+66			11.8	284.4
+73			12.0	284.2
+81			10.4	285.8
134+00			9.2	287.0
+57			6.3	289.9

Sta.	+	H.L.	-	E.I.
		296.15		
135+00			4.3	291.9
B.M.			3.56	292.59
T.P.	12.00	308.06	0.09	296.06
136+00			11.2	296.9
137+00			6.3	301.8
137+88			0.7	307.4
T.P.	10.38	317.70	0.74	307.32
138			9.4	308.3
+61			6.3	311.4
+98			6.5	311.2
139+00			5.5	312.2
T.P.	11.18	327.78	1.10	316.60
139+40			6.6	321.2
+78			0.7	127.1
140+00			1.0	326.8
T.P.	11.63	339.36	0.05	327.73
141+00			8.4	331.0
+15			7.9	331.5
+29			6.1	333.3

B.M. Hub, 40' Lt. of Sta. 133+86

Sta.	+	H.L.	-	El.
		339.36		
141+56			6.6	332.8
142+00			4.7	334.7
142+23 ⁵ P.C.			2.5	336.9
+55			1.0	338.4
T.P.	11.72	350.60	0.48	338.88
143+00			9.2	341.4
144+00			5.5	345.1
+24			4.9	345.7
+57			3.2	347.4
145+00			2.8	347.8
145+20 ² P.T.			0.8	349.8
T.P.	7.16	356.94	0.82	349.78
145+58			8.2	348.7
146+00			6.2	350.7
146+29			6.8	350.1
147+00			6.2	350.7
+18			4.2	252.7
+62			5.4	351.5
148+00			4.9	352.0

Hub at P.T.

Sta.	+	H.I.	-	El.
		356.94		
148+76			4.3	352.6
149+00			2.2	354.7
T.P.	3.80	358.62	2.12	354.82
149+21			5.4	353.2
+45			3.3	355.3
+73			5.2	353.4
150+00			3.5	355.1
+33			5.0	353.6
151+00			4.6	354.0
+62			5.2	353.4
+82			3.8	354.8
152+00			5.6	353.0
+54			6.7	352.2
+85			7.9	350.7
152+95 ⁶			6.26	352.36
B.M.			6.10	352.52

End of Line, on Pavement

El. marked 352.99
Beginning Point of Pch. Line

Profile "A" Line

73

Sta.	+	Hgt.	-	El.
T.P.	1.68	318.28		316.60
137+88 ^o P.C.			10.9	307.9
138+29 ^o C.G.			8.6	309.7
138+71 ^o P.T.			5.9	312.4
139+00			4.3	314.0
T.P.	11.03	329.15	0.16	318.12
140+00			5.0	324.2
T.P.	11.10	339.94	0.31	328.84
141+00			9.7	330.2
+58			8.1	331.8
141+96 ^o P.C.			5.5	334.4
142+00			5.2	334.7
142+72			1.7	338.2
T.P.	11.60	351.90	0.14	339.80
143+00			10.5	340.9
+45			6.3	345.1
144+00			4.5	346.9
145+00			3.3	348.1
145+57			2.7	348.7

Sta.	+	H.I.	-	EI
		351.40		
145+84 ^o Pt.			1.5	349.9
T.P.	10.24	360.22	1.42	349.98
146+00			10.9	349.3
+25			9.8	350.4
+58			10.6	349.6
147+00			10.0	350.2
+47			9.4	350.8
+76			8.9	351.3
148+00			8.5	351.7
149+00			6.6	353.6
150+00			6.2	354.0
151+00			5.8	354.4
+26			7.0	353.2
152+00			7.3	352.9
153+00			8.9	351.3
+56			8.9	351.3
+60 ^B			7.60	352.62
B.M.			7.64	352.58

Elev. marked 352.99

Started at 0+00, on W. Side of pavement,

Chained N. along pavement 7300', set point

" " " " 870.9' " "

" " " " 975.0' " "

457.9' " "

310.0' " " (N. Boundary)

Started at S.E. Cor. of lot, chained W. along boundary

130.0', set hub,

635.0', " "

1184.3' to " already in place

377.65' " 0+00, W. Side of road

323.57' " S.W. Cor. of lot, 1190

2650.52

From S.E. Cor. N.

375', set hub

800' " "

167.4' " "

1339.4

From S.W. Cor. of 40, chained E. 1317.56'

" S.E. " " " " N. 1340.5'

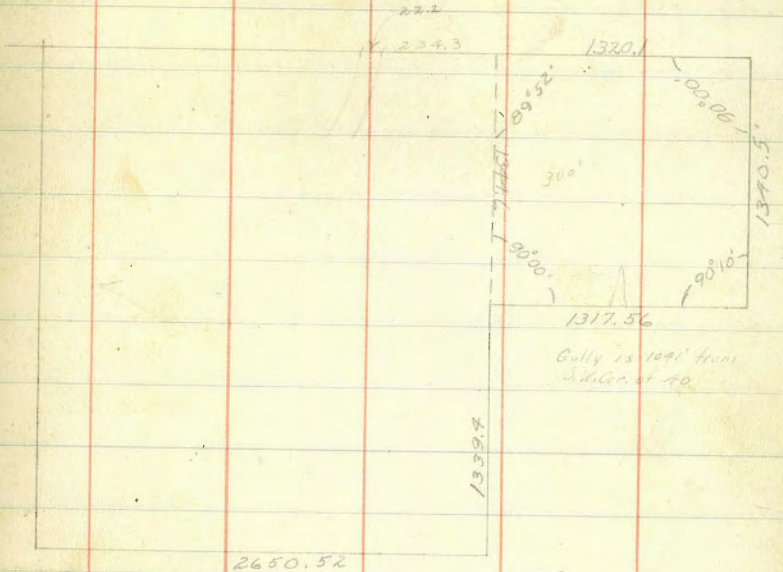
" N.E. " " " " W

" N.W. " " " " S

34.2
26.7
22.2

64 75

Nov. 23, 1926
Danie L. Inst.
Jones; H. Ch.
Salgado, R. Ch.



From S.W. Cor. of lot, chained 1510' N, set hub

#10
49' 0.8'#11
15' 0.62'#12
35' 0.62'#13
20' 0.59'#14
68' 0.25'#15
58' 0.7'

= 100 + 85, 14.4, 15

#5
9' 0 15'

#6
8' 0 20'

20'

#7

23' 0 39'

↑ 100' ↓

#8
31' 0 23'

#9
22' 0 30'

#10
19' 0 28'

25

About 5' out of Sta. 29

Oct. 21
 Daniel } - 1/2 day 6th St, 1/2 day Tal. Park
 Jones }
 Oct. 22 - Daniel, Jones, 1 day, 6th St,
 Oct. 23 - " " Cotton Trs

Oct. 25 Daniel } 6th - 1 day -
 Jones }
 26 " } " - 1 day
 27 " } " - 1 day
 28 Daniel " - 1 "
 29 " Cotton - 1 "
 30 " " 1/2, 6th, 1/2

Nov. 1 Daniel, Jones, Lind, 1 day - 6th St
 2 " " " " " "
 3 " " " " " "
 4 " " " " " "
 5 " " " " " "
 6 " " " " " "
 8 Daniel, Jones, 1 day 6th St.
 9 " " Salgado, " "
 10 (Daniel, 1 day 6th St.
 { Jones, Salgado, 1/2 day, 6th St.
 11 Armistice Day
 12 Daniel, Jones, Salgado, 1 day 6th St.
 13 " " " " "
 Sun
 15 Daniel, Salgado, 1 day 6th St.
 ~ { Jones, 1/2 day 6th St.
 16 Daniel, 1 day 6th St.
 Salgado, 1/2 day 6th St.
 17 Daniel, Salgado, 1 day 6th St.

Nov. 18 Daniel, Salgado, Ward - 1 day, 6th St.
 " 19 Daniel, Salgado, " "
 " 20 " " " "
 " 21 Sunday
 " 22 Daniel, Jones, Salgado, 1 day, 6th St.
 " 23 { " " " " 1 " Cotton Tr.
 Lind, 1/2 day. " "
 " 24 Daniel, Jones, Salgado, 1 day, Cotton Tr.
 " 25 Thanksgiving
 " 26 Daniel, Jones, Salgado, 1 day " "
 " 27 " 1 day 6th St.
 " 28 Sunday
 " 29 Daniel, Jones, Salgado, 1 day Cotton Tr.
 " 30 " " " " 1 " " "

$$\frac{15}{15}$$

Dec. 1 Daniel, Jones, Salgado, Ward, { 1/2 day Morena
 " " " " 1/2 " Cotton Tr.
 2 " " " " 1 day Morena
 3 " " " " 1 " "
 4 " " 1/2 6th St, 1/2 Cotton Tr.
 5 - Sunday

Dec. 6. Loudon, Salgado, Morgan, 1 day - Cotton Tr.
 Daniel, Jones, Ward, 1 day, 6th St.
 Daniel, 1 day 6th St.
 Dec. 7 - Loudon, Salgado, Morgan - 1 day Cotton
 - Daniel, Jones, Ward, 1 day Morena
 Dec. 8 - Loudon, Salgado, Morgan, 1 day, Cotton,
 Daniel, Jones, Ward, 1 day 6th St.
 Dec. 9 - Loudon, Daniel, 1 day - Cotton Tr.
 Dec. 10 - Daniel, Jones, Ward, 1 day 6th St.
 Dec. 11 - Daniel, Jones, Ward, 1 day, 6th St.
 Dec. 12 - Sunday
 Dec. 13 - Daniel, Jones, Ward, 1 day 6th St.
 " 14 " " " " " "
 " 15 " " " " " "
 " 16 " " " " " "

