

NAME 6TH ST. Extension

1490

Class _____ Course _____ Party _____

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

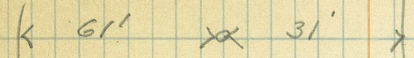
MICROFILMED

DEC 24 1964

ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.

52

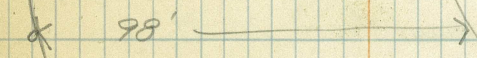
99+00



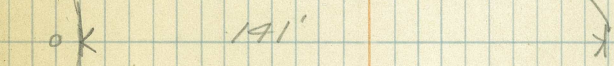
98+00



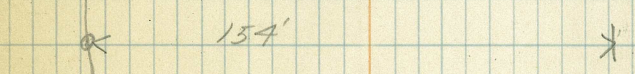
97+00 edge of channel



96+00 On bank, about 10' lt. from toe of slope



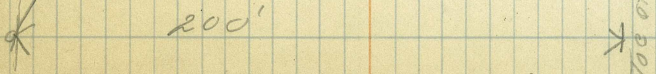
95+48' P.T. edge of channel



95+00 edge of small channel



94+50 edge of channel (small)



~~99+00~~
~~98+00~~
~~97+00~~
~~96+00~~
~~95+00~~
~~94+50~~

toe of slope
100'

106+00

K 3.3 X

2

105+43

K 25' X 36'

105+00 Same as 104+00, second canon enters from Rt. at 106 + 43', lots of water here

K 49' X 17' X 29'

104+00 Toe of delta from canon entering from right, Toe of main slope 20' Rt.

K 78' X 20'

103+00

K 71' X 16'

101+98⁹ PG

K 53' X 8'

101+00

K 48' X 15'

100+00

K 59' X 45'

112+00

< 20' x 50' >

3

110+90^o P.C.

< 28' x 52' >

110+55 large canon enters from Pt

110+00

< 41' x 54' >

109+00

< 8' x 73' >

108+00

< 9' x 49' >

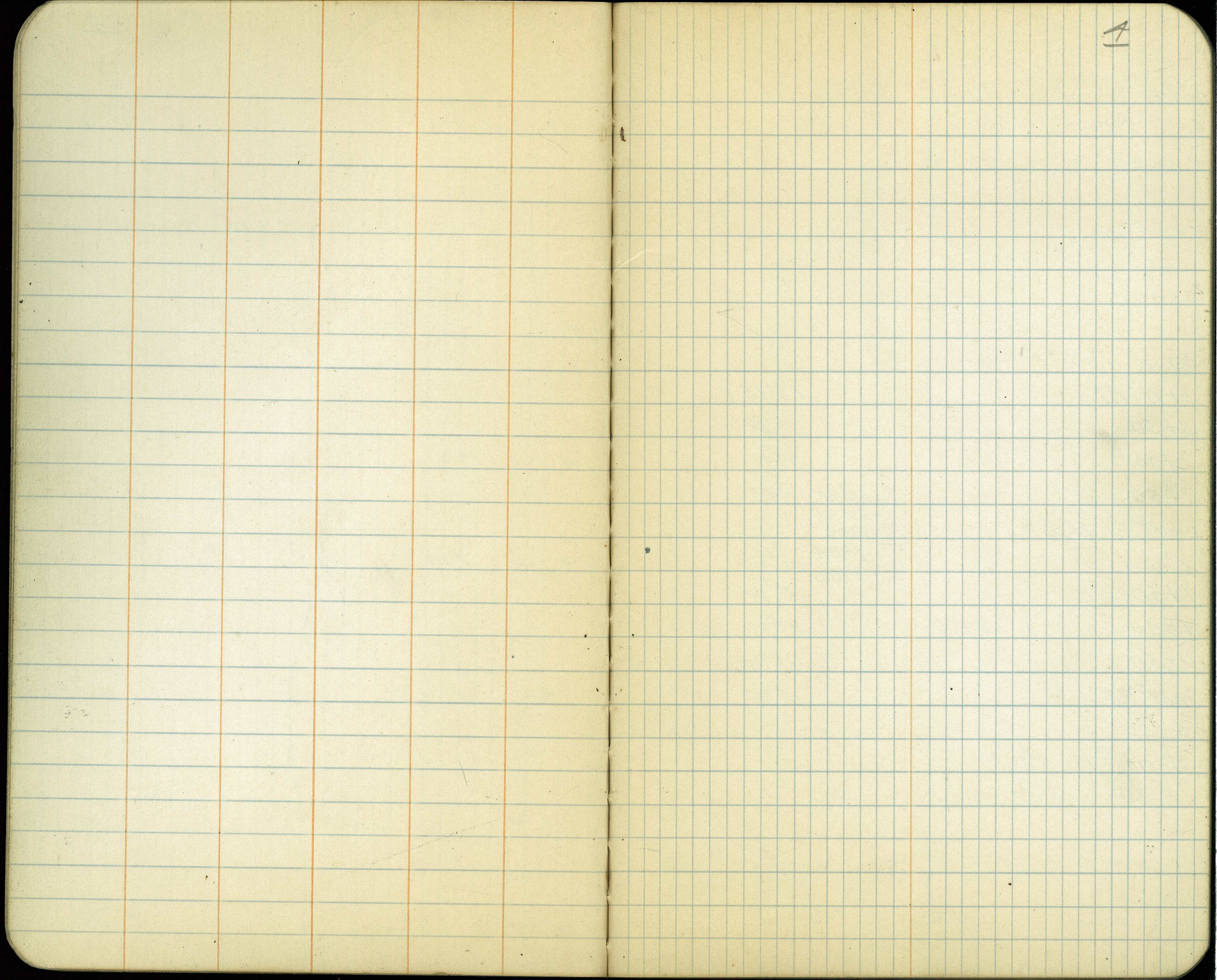
107+00

< 24' x 65' >

Main channel hugs left side from 105+00 to 111+00
to

106+75^o P.T.

< 19' x 62' >



Sta.	Δ	P.I. to P.I.	Curve Data	Def'l/s.
6+60 ⁸ P.O.T.				
6+875				
6+00				
5+60 ⁵ P.O.T.				
5+00				
4+00				
3+99 ⁶ P.T.				13°15'
3+50				11°28'
3+00				9°41'
2+50			Curve Point	7°54'
2+18 ² P.I.		26°30' P.T.	$\Delta = 26°30'$	
2+00			$R = 800'$	
1+50			$T = 188.4'$	6°06'
1+00			$L = 370.0'$	4°19'
0+50		218.0'		2°31'
0+29 ⁶ P.C.				0°44'
0+00				0°00'
0-06 ⁶⁹ P.I.		90°00' P.T.		

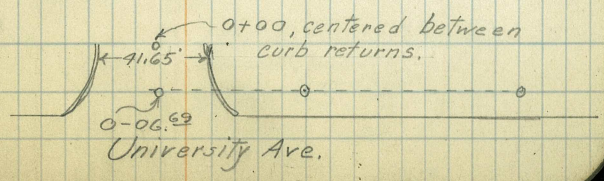
This curve changed on map dot in field books

Car. of Conc. Plant. 30' Lt.
 " " " " 38' Lt.

Dec. 8, 5
 Cold, Cloudy
 Daniel, Inst.
 Jones, Head Ch.
 Ward, Tear "

8' dg 27' 4" Outside

End of existing pavement



Grade

Sta.	Δ	P.I. to P.I.	Curve Data	Detls.
9+64 ^o P.O.T.				Top of bank.
9+35				
9+00 (No Stone)				Approx. Sta. of wash
8+75				
8+00				
7+				
7+88 ^{3/4} P.I.			4° 22' 30"	234.63 Top of bank
7+75			Curve left 3° 54'	235.47
7+50			$\Delta = 8^{\circ} 45'$ R = 800' 3° 00'	237.04
			T = 61.2'	
			L = 122.2'	
7+29 ^{3/4} P.I.	8° 45' Lt.		Ext. = 2.34'	238.48 Toe of Bank 10' Lt.
7+27 ^{3/4} C.C.				
7+25			2° 07'	238.52
7+00			1° 13'	240.10 Toe of Bank 10' Lt.
6+66 ^{1/2} P.C.			0° 00'	242.24

-6.311 %

Dec. 10, Rainy, Windy
Daniel, Inst.
Jones, Head Ch.
Ward, Fear "

Sta. Δ P.L. To P.L.

12+50⁰ P.O.T.

12+16

12+00

11+91⁶ P.O.T.

11+55

11+24

11+00

10+94

10+50

10+35⁹ P.O.T.

10+30

10+08

10+00

11+91⁶

Dec. 11, 1986
Daniel, Inst.
Jones, Head Ch.
Ward, Rear "

Top of bank

Toe of slope, inside edge of road

1

Sta. Δ P.I. to P.I. Curve Data Det'l's

= 16+87⁹ (Ahead)

16+82³ P.I. (Back)

16+50

16+00

15+50

15+32⁷ P.I. 29°14' Lt.

= 15+38⁴ P.I.

15+00

14+50

14+00

13+76² P.I.

14°37'

13°04'

Curve Lt. 10°41'

Δ = 29°14' 8°18'

R = 600'

T = 156.5

L = 306.1

5°55'

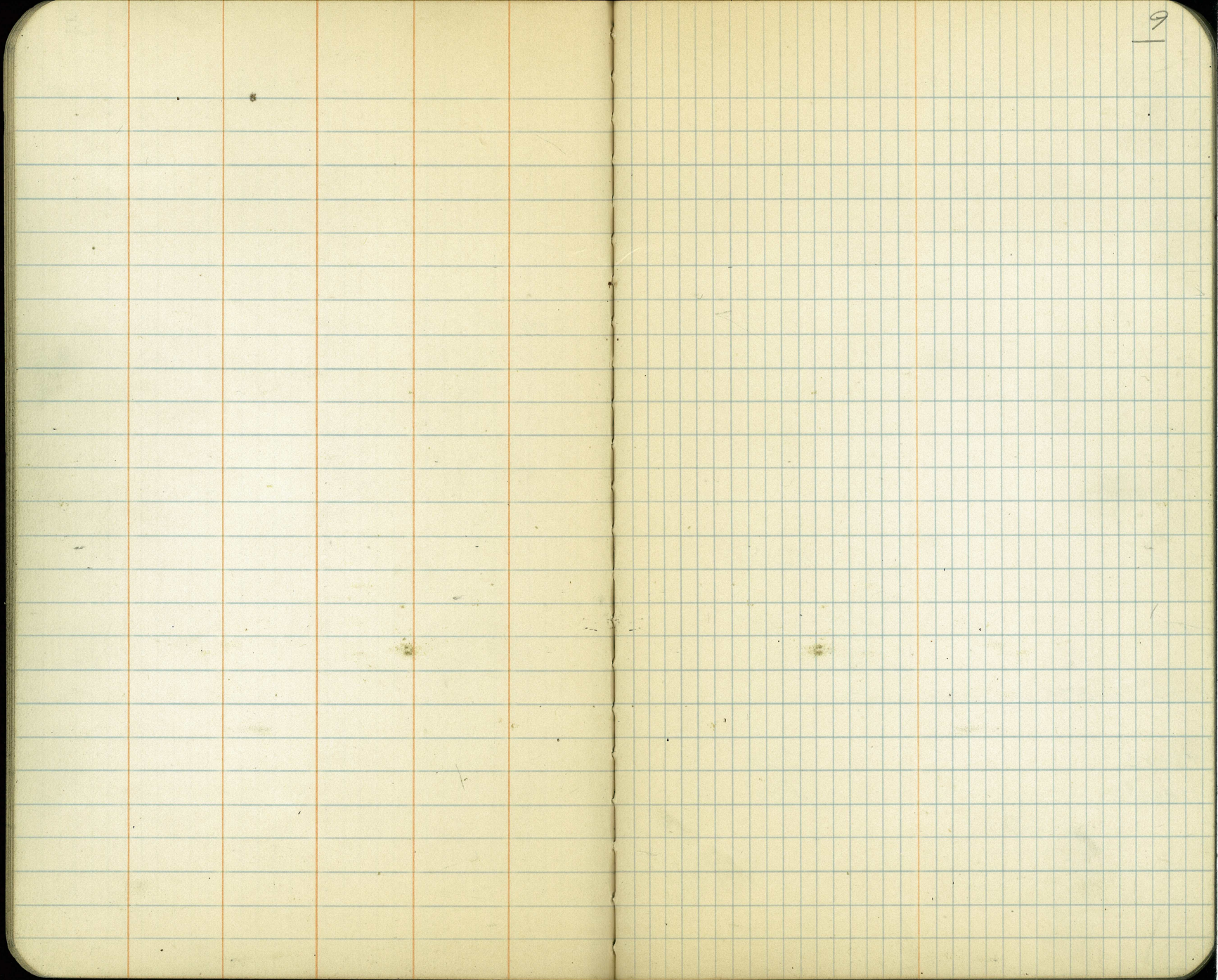
3°31'

1°08'

0°00'

End of Line Change

12+88⁴ P.O.T.



Sta. Δ P.I. to P.I. Curve Data Defs.

47+00

46+00

45+00

44+00

43+00

42+62¹/₂ P.I.

4° 27' 30"

42+50

Curve Lt.
Δ = 8° 55' 3° 52'
P = 600'
T = 46.8'
L = 93.4'

42+15²/₃ P.I. 8° 55' Lt.

Q on edge of present road, 42+00 - 47+50

42+00

1° 29'

41+69⁰/₁₂ P.I.

0° 00'

Dec. 13
Daniel, Inst.
Jones, Head Ch.
Ward, Near Ch.

Sta.	Δ	P.I. to P.I.	Curve Data	Details
48+97 ⁴				
49+03 ³				
49+06				
48+50				
48+18 ²				
48+00				
47+50				
47+27 ³				

Curve Pt.
 $\Delta = 33^\circ 43'$
 $R = 300'$
 $T = 90.9$
 $L = 176.5$

Ahead
 P.T. Back
 16° 51' 30"
 Fence 30.6' Pt.
 16° 30'
 11° 43'
 Fence 26' Pt.
 33° 43' Pt.
 6° 57'
 Fence 35.1' Pt.
 2° 10'
 Fence 47' Pt.
 0° 00'

12

Sta. Δ P.I. to P.I. Curve Data Defl's.

95+62' P.T. 50°30'

95+50 48°11'

95+00 38°38'

94+79" P.I. 101°00' Lt. T=1920

94+50 29°05'

94+00 19°32'

93+50 9°59'

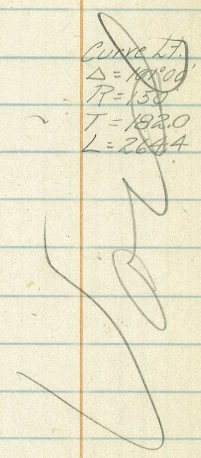
93+00 0°26'

92+97' P.C. 0°00'

92+00

91+96' P.O.T.

91+96' P.C.



Dec. 13, 1926
Daniel, Inst.
Jones, Head Ch.
Ward, Rear "

Sta	Δ	Pt. to Pt.	Curve Data	Defls.
97+00				< 11 >
96+00				< 24 120 >
95+59 ³ P.T.			52° 24' 30"	< 52 120 >
95+50			50° 38'	
95+00			Curve left. Δ = 104° 49' T = 194.8 L = 274.4 R = 150'	
94+79 ³ P.T.	104° 49' Lt.		41° 05'	
94+50			31° 32'	
94+00			21° 59'	
				93+77, crosses fence
93+50			12° 26'	
93+00			2° 53'	
92+87 ² P.C.			0° 00'	
92+00				
-91+96 ¹ P.O.T. (New)				
91+96 ¹ P.C. (Old)				

Dec. 14, 1926
 Daniel, Inst.
 Jones, Head Ch.
 Ward, Rear Ch.

Sta.	Δ	Pt. to Pt.	Cone Data	Delts
107+94 ^{1/2} P.T.				17°27'30"
107+00				14°01'
106+00			Corre. Lt. Δ = 34°49' R = 800' T = 250.8' L = 486.1	10°26'
105+59 ^{1/2} P.T. 34°49' Lt.				
105+00				6°51'
104+00				3°16'
103+08 ^{5/8} P.C.				0°00'
103+00				
102+00				
101+00				
100+00				
99+63 ³ P.O.T.				
99+00				
98+00				

← 87 45 →
 ← 31 → Dist. not determined, delta of wash
 Opposite entrance of large wash, Edge of main wash 30 Lt.

← 55 39 →
 ← 38 37 →
 ← 36 32 →
 ← 40 25 →
 ← 47 45 →
 ← 52 43 →
 ← 67 34 →
 ← 58 40 →
 ← 21 71 →

Sta. △ P.I. to P.I., Curve Data Detls.

114+00

113+00

19

112+00

< 58 18 >

111+23

Q of large wash from RT

111+00

Dec. 15, 1986
Daniel, Inst
James, Head Ch.
Ward, Rear Ch.

110+75^o P.O.T.

< 69 < 22 >

110+00

< 48 22 >

109+00

< 33 30 >

108+00

< 34 41 >

Sta.	Δ	P.I. to P.I.	Curve Data	Defls.	
119+85 ^{1/2}					< 34 >
					< 34 21 >
= 119+30 ⁶ (Ahead)					
119+86 ^{1/2} P.I. (Back)				32° 29' 30"	End of Change < 30 24 >
119+50				30° 44'	< 16 22 >
119+00				28° 21'	< 29 26 >
118+50				25° 58'	< 28 45 >
118+00 ⁰ P.O.C.				23° 35'	< 8 57 >
117+50			Curve Pt.	21° 11'	< 12 45 >
117+00 ⁰ P.O.C.			$\Delta = 64.59$		< 4 57 >
			R = 600	18° 48'	
116+50			T = 382.1	16° 25'	< 21 51 >
116+00			L = 680.5	14° 02'	< 28 34 >
116+88 ^{3/4} P.I. (64.59 Pt.)					
115+50 ⁰ P.O.C.				11° 38'	End of Road in End of P.O.W. < 42 34 >
115+00				9° 15'	< 50 28 >
114+50 ⁰ P.O.C.				6° 52'	< 55 10 >
114+00				4° 29'	< 48 20 >
113+50				2° 05'	< 56 15 >
113+06 ^{2/3} P.C.				0° 00'	< 51 15 >

Sta.	Δ	Corre. Data	Defls.
------	----------	-------------	--------

=125+63^s Ahead
 125+63^s P.T. Back

$\Delta = 21^{\circ}33' 10.46''30''$
 $R = 600'$
 $T = 114.2$
 $L = 225.7744'$

End of Change

125+00
 124+52^s P.I. 21^o33' Pt.

124+46^s P.O. Ch.

6^o17'

Int. of S. Line of P.L. # 1180

124+00

2^o57'

123+38' P.C.

0^o00'

=123+31^s P.O.T. (New)
 123+31^o P.C. (Old)

Dec. 20, 1926
 Daniel, Inst.
 Jones, Head Ch.
 Ward, Rear Ch.

Sta. Δ P.I. to P.I. Curve Data Def's.

147+00

146+00

145+19⁴ P.I. 10°27'30"

145+00 9°46'

144+50 *Curve Left,*
Δ = 20°55'
R = 800' 7°59'
T = 147.7'
L = 292.1'

144+00 6°11'

143+75² P.I. 20°55' Lt.

143+50 4°24'

143+00 2°36'

142+50 0°49'

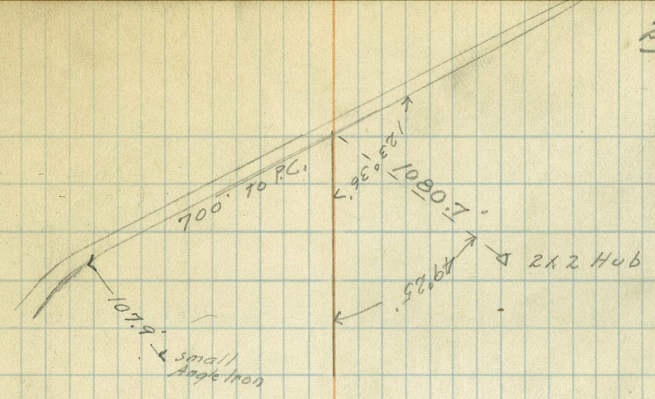
142+27³ P.I. 0°00'

142+23⁵ P.I. old

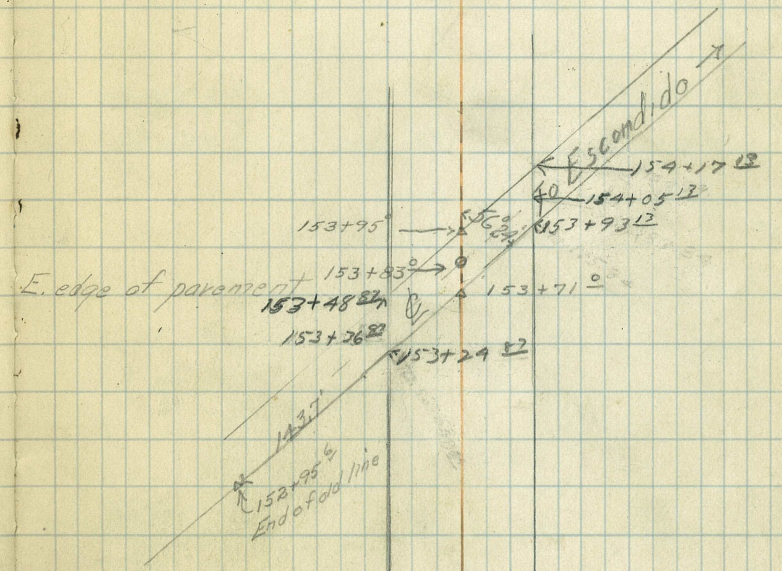
= 142+23⁵ P.O.T. new

Dec. 16
Daniel Inst
Jones, Head Ch.
Ward, Feor "

Sta.	△	P.I. to P.I.	Defls.
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153+71^o
 153+00
 152+00
 151+00
 150+00
 149+00
 148+00



10+00 Bearing.

Set Hub, Dbl. center

Dec. 18, 1926
Daniel, Inst.
Jones, Head Ch.
Ward, Rear "

5+00

Set hub

Resumed chaining, 26+83^o = 0+00^o, same bearing

28+38^{3/4}

Set hub, dbl. center

27+59⁶

Found old 2x2^o hub in large pile of rocks, 166.7', 90°00' Rt, no markings

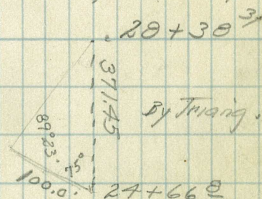
27+15^{7/8}

Found old 2x4 in pile of rocks 52.1', 90°00' Rt, no markings

26+83^o

Set hub on dbl. centered line

26+81.35^{2.45"}



21+00

Set hub, dbl. center

17+92²

Set hub, dbl. center

6+00

Set hub, Dbl. center

Dec. 17, 1926
Daniel, Inst.
Jones, Head Ch.
Ward, Rear Ch.

50°50'29"W

0+00

= S.W. Cor. P.L. #1198, B.S. on N.W. Cor., ran south

Sta. Defl.

4+87³⁰ = lat. on arc.

Inst. at 124+46⁰, B.S. on 3+72⁰, Defl. to 125+00 = 87° 52' Rt.

4+85³¹ = 124+46⁰, on 100' chord between 124+00 + 125+00'

(S. Line of 1180?)

Defl. from P.C. to 124+46⁰ = 6° 17'

Defl. to tang instead of chord = 86° 43' Rt.

from 124+46⁰ on curve.

3+72⁰ On E. bank of canon

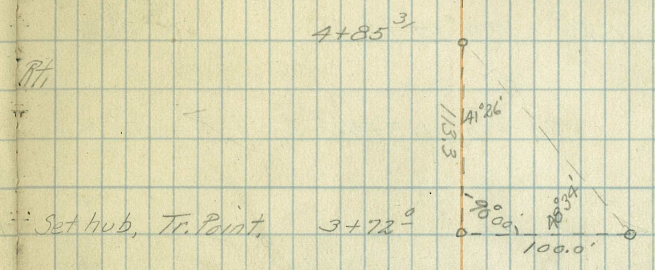
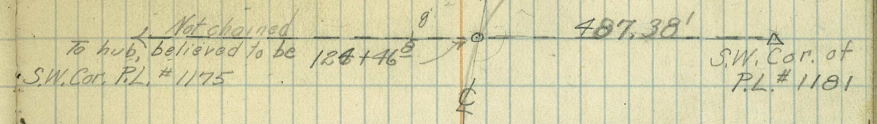
= 0+00, to West.

26+78⁰ 89° 55' Pt. = S.W. Cor. P.L. #1181

15+00

13+75⁰

15+72⁰



Dec. 20, 1926
Daniel, Inst.
Jones, Head Ch.
Ward, Rear "

Found 2x2 hub, centered ~ 0.10' W of our line.

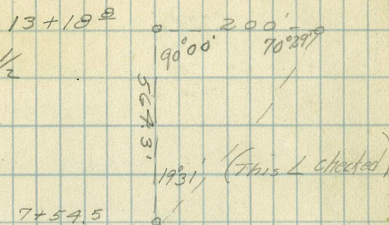
Set hub, dbl. center

Set hub, dbl. center

Found 2x2 hub, 26.7', 90° 00' Pt. of 13+72⁰, same hub 94° 41' Pt., 26.8' from 13+75⁰

Sta. Defl.
 13+18⁸ Found hub, centered, in rock pile, marking illegible
 12+27⁴ " white painted stake, no marking
 11+82⁹ " " " " in pile of rocks, no marking
 Inst. at 9+37⁹, B.S. on 7+54⁵, Defl. to Tang.
 at 113+76⁸ = 109°18' Pt.

Believe this is S.E. Cor. of N. 1/2
 of P.L. #1175



9+37⁹ Set hub, 113+76⁸ on the Road

Defl from P.C. = 3°22'

8+86⁷ Set hub

8+04.3 Set hub

S.E. Cor. of
 N. 1/2 P.L. #1175

380.9'

109°18'

937.9'

S.W. Cor.
 P.L. #1181

7+54⁵ Set hub

6+58⁶ Found, old 2x2 hub, centered 0.15' Lt. of line,
 marking not clear, apparently P.P.W. 3x3 Marker

0+00 0°31' Lt.

= S.W. Cor. P.L. #1181, B.S. on S.W. Cor. 1198

Dec. 21, 1926
 Daniel, Inst.
 James, Head Ch.
 Ward, Rear Ch.

24.3 (Same course) Set hub

205.9 (Same course)

454.1 (Same course)

90° 00' Lt. 330'

71° 02' Rt. 121.8 to Hub, centered, "P.P.W.", 1

19° 00' Rt. 331.6' to Hub, centered, "P.P.W.", 2

105° 37' Lt. 395.8' to 2x2 hub, centered, "P.P.W."

Inst. at hub near 9+49°, B.S. on hub Lt. 7+82²,

9+49° Found 2x2 hub, centered with spike, marked P.P.W.

7+82² Found 3x4 Hub, centered, 0.55' Lt., 2x2 marker and old P.P. Tie about 7+80, not centered in pile of rocks

4+14⁶ Set hub

Chained along E. Line 1175

0+00 = S.E. Cor. N 1/2 P.L. # 1175

Found hub, centered, 2.15' Pt. "G.W.H.C."

Set hub, fence is 2.90' Lt.

Set hub, 1.7 Lt. of hub with painted marker, "W.H.C. #1"

Set hub

Dec. 23, 1926
Daniel, Inst.
Jones, Head Ch.
Ward, Rear Ch.

Dec. 22, 1926
Daniel, Inst.
Jones, Head Ch.
Ward, Rear "

Tie at 6+65 35

Tie at 92+27 7

679.3

$\angle = 120^{\circ}34' 17''$

1

92+27 7

63°51'
Sta. 6+65 35 P.O.T.

197.96
N. Side Washington St.

6^m Street
(55' Wide)

679.3'
N. Line Morse's Sub D

N.W. Cor. Lot 3, Morse's Subdivision

Inst. at Cor. 1117, BS on M. Fence Line

Defl. to County Fence Cor. $91^{\circ}07'$

Plunged, chained 8085, set hub

" 83.95 " "

" 68.21 " "

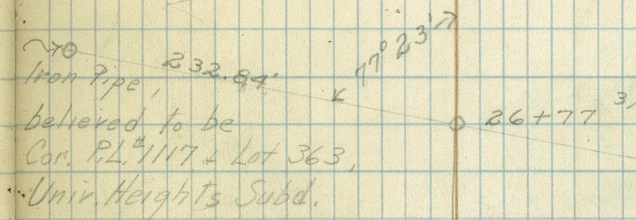
233.91

17

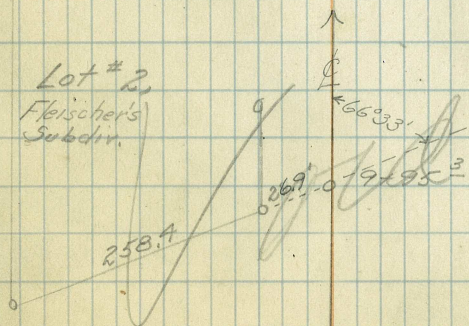
232.84

Tie at 26+77³

Used large iron pipe as Cor.



Lot # 2,
Fleischer's
Subdiv.



This is
probably
off.

Cont. on Next Page

2635.1 = Found hub, solid, but not centered in rock pile,
90°00', 18.24' Lt.
26+32² Set hub
25+39² Set hub
25+38⁴ Found hub, centered, 90°00', 19.4' Lt.
17+40⁰

15+04³ Found White Painted Stake 90°00' Lt. 98.9'

14+08⁸

12+49³ Int. with E. Edge of Pavement 8.52'

12+26⁸ = 153+46 on Road Location, approx

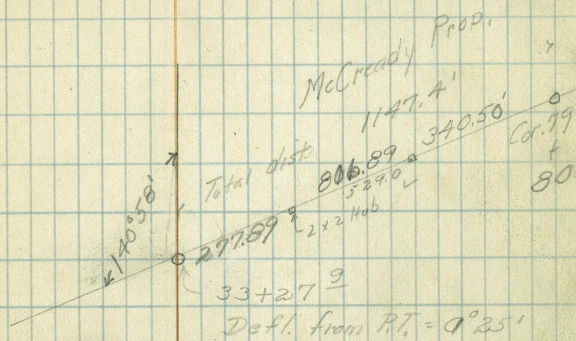
8+30' Found Hub, centered, 2.75' Pt. (North)

8+00 Set hub 5.52'

2+00 Set hub 1.38'
90°00' Pt.
(89°36')

Inst. at N.W. Cor. P.L. #1181, B.S. on S.W. Cor. P.L. #1198

Tie at Sta 33+27⁹



S.W. Cor. P.L. #1198

P.L. #1189

P.L. #1188

2681.35

N.W. Cor. of P.L. #1180
2636.0'
Hub 1
26058

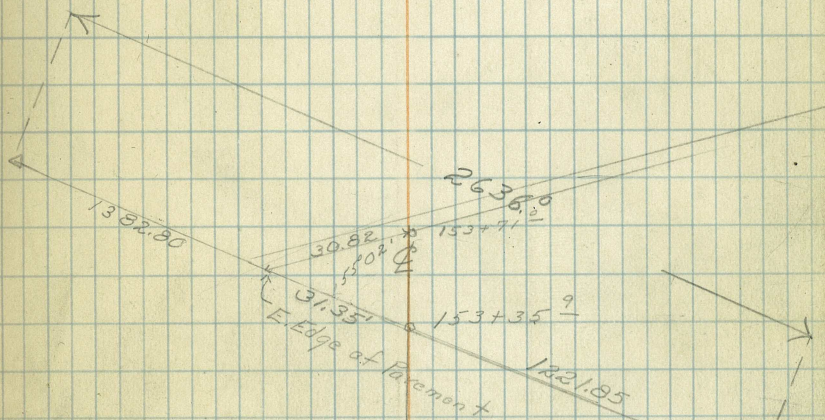
See Next Page

P.L. #1180

P.L. #1181

231.95 from P.L.

C/R



Hub set half
 dist. between S.W. Cor.
 and S.W. Cor. 1181
 1198

48197 =

90.9

80.

56.27	155	9.564075
9.00	65	2.1304030
65.27	90	7.865105
15643 = 517	1847	1847
15816 = 519	15816	98741
98741 = 625	11082	1847
	1847	7388
	14776	12929
1740	9235	14776
0069	1847	16623
15660	29212152	782374627
1044	26838	0
12.0060	26789	
	53627	

000692 = 0° 2' 30"

26351 / 102375

~~184457~~

158106

242690

237159

5531

1249.3	00069	.000692
.00069	8	200
112937	.35200	.13800
74958		.19
851977		.55
169	26351	0069
75	00069	
182	237159	
	158106	
	1818219	

21.4

1221.85

31.35

21.40

1277.60

159.7

129.8

29.9

129.8

27.5

157.3

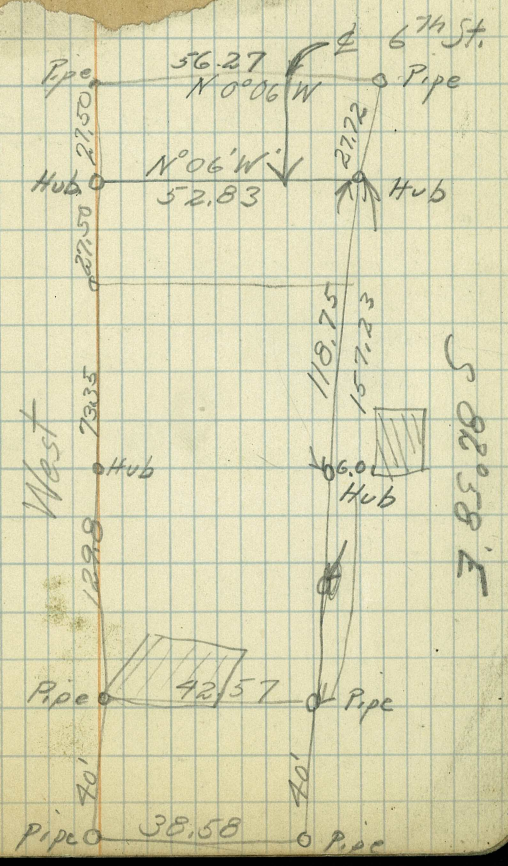
21° 30'

93042

$\Delta = 8^{\circ} 55'$

$\frac{\Delta}{2} = 4^{\circ} 27.50'$

$R = 600'$



48197 $\frac{1}{2}$

90.9

80.

5627	155	9,564,075
9.00	65	2,304,036
<u>6527</u>	90	<u>11,868,111</u>

15643 = sin	1847	1847
15816 = sin	15816	98741
98741 = cos	11082	1847
	1847	7388
	14776	12929
1740	9235	14776
0069	1847	16623
<u>15660</u>	29212	182374627
1044	26838	0
060	26789	
	<u>53627</u>	

000692 = 0° 2' 30"

33° 55' Rt. at Mc Cr.	19796	25139.2
Fence is 41.4' Rt.	27.5	93.0
	<u>170.5</u>	26432.2
Pt. 125' from House line		2.9
		<u>26351</u>

Hog Ranch, Inside R = 161'		2539.2
		0069
2683.00		228528
272		152352
<u>2681.3511</u>	4 96 56	<u>1752048</u>

19796	536270	
27.50		
<u>17046</u>		
99452	40,000,000	1.02
	397808	
	<u>219200</u>	399592

94953

△ 9.10, about 20' Lt. of PG, 13476

1221.85	1221.85	2635.96
31.35	31.35	
<u>1382.80</u>	<u>1253.20</u>	
2636.00		2636.00
		1253.20
		<u>1382.80</u>

159.7
<u>129.8</u>
29.9

129.8
<u>27.5</u>
157.3

21° 30'

93042



9.90

102.7

48.66

48.66