

65.01.03 STERLING HWY: COOPER LANDING to SKILAK LAKE RD

Property Ties
ERFO-2 (1)

Kenai River Bridge
CROSS SECTION BOOK
to Forest Boundary

June 65

INDEX

Page

2-3 Property Tie to U.S. 2525

4-8 " " East Boundary HES 95

9-10 " " West " " "
and the East " U.S. 2527 (H527)

11-12 " " " " Lot 2, U.S. 2527

13-14 " " West " Lot 3 "

§ " " East " H.E.S. 137

15-17 " " West " " "

18-19 " " " " " 136

Sta.

Chain
Dist.

Hor. &

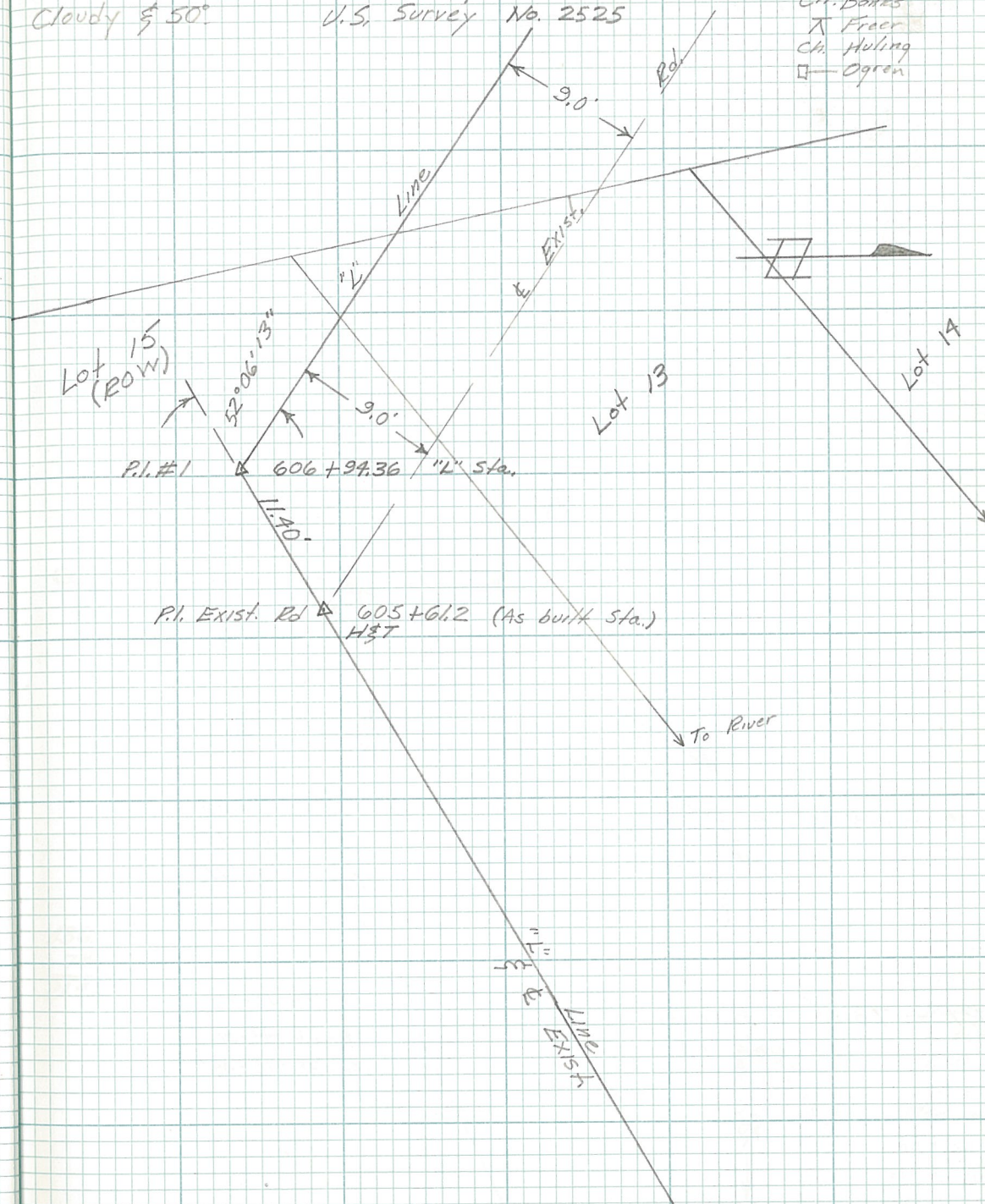
6-10-65

Cloudy & 50°

Property Ties
U.S. Survey No. 2525

□ Gallimore
 Ch. Bonds
 X Freer
 Ch. Huling
 □ Ogren

Note - This information taken from Transit Notes.



Sta. Chain.
Dist.
(Temp. Corr.)

Hor. Δ

P.I. + 214.90', S. Boundary
Lot 13

P.I. + 78.11', E. Boundary
Lot 13

P.I. #1 606+94.36

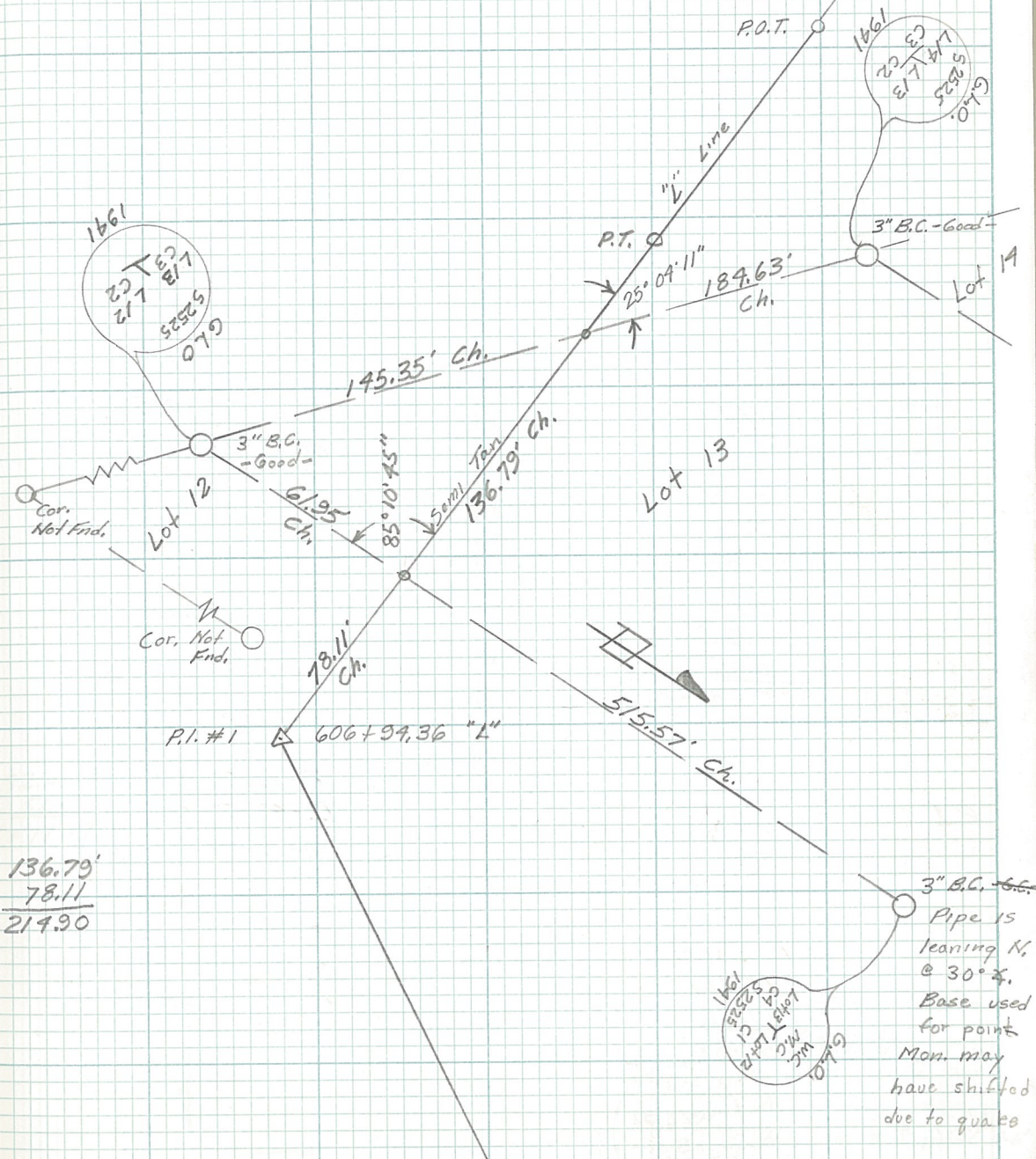
I-25-09-00
LB-100-16-45
Mn-25°04'11"

I-85-10-30
LB-340-43-00
Mn-85°10'45"

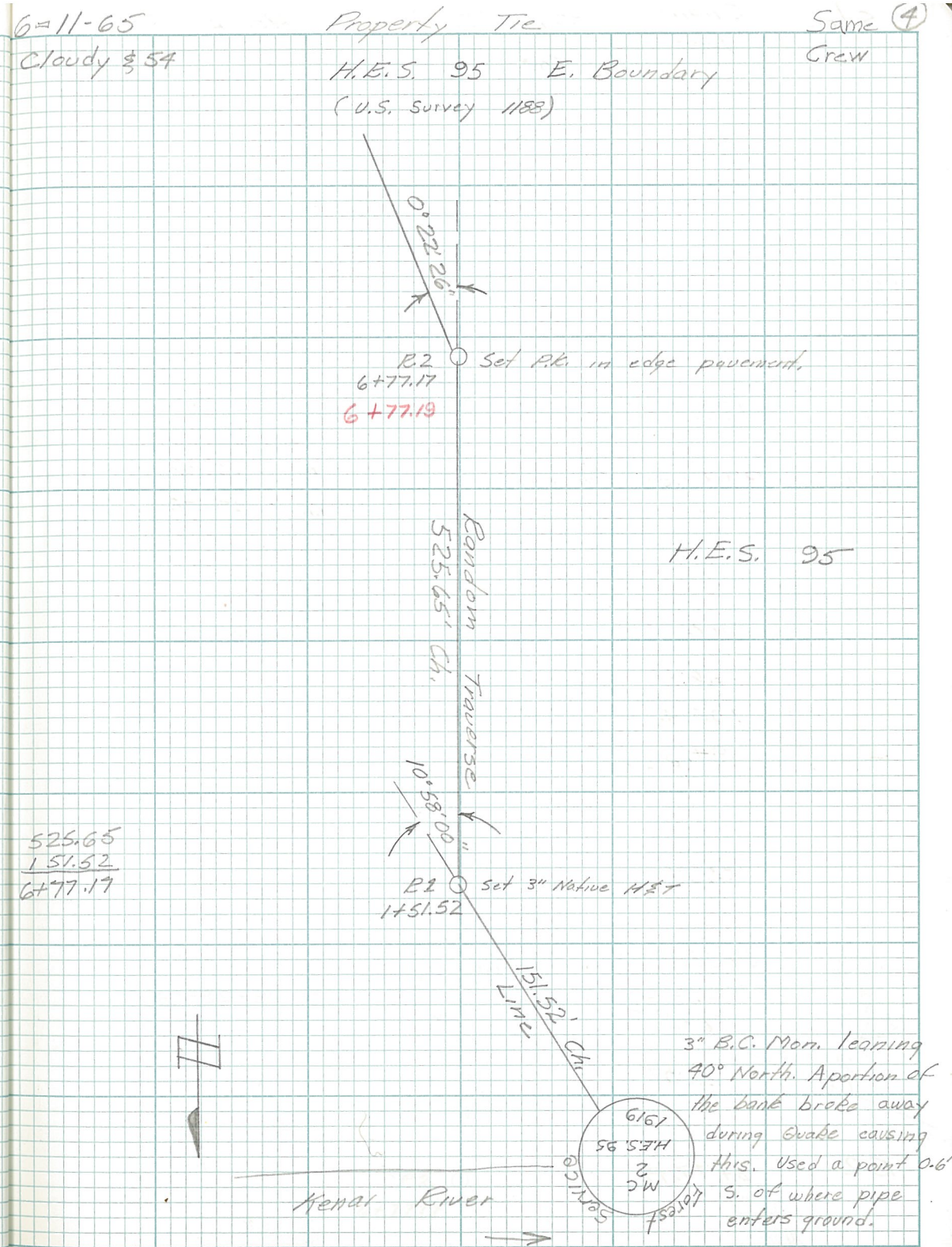
6-10-65
Cloudy \$ 50

Property Ties
U.S. Survey 2525

Same Crew



Sta.	Chain Dist.	Temp	Hor. Δ
		54°	
R 2	6+77.19 Page 8 6+77.17		I-0-22-15 IV-1-29-15 Mn-0-22-26 Lt.
	35.24 100.21 99.53 96.65 93.22 100.83 Total 525.68 -0.03'		
R 1	1+51.52		I-10-57-45 IV-43-52-00 Mn-10-58-00 Rt.
	51.11 100.42 Total 151.53 -0.01' Temp.		
M.C. #2			



Sta.	Chain. Dist.	Temp. Slope Dist.	Vert. $\angle$	Hor. $\angle$ Cosine
P.O.T.	72.01	73.83	$+12^{\circ}45'$	.97534
	191.80	193.93	$+8^{\circ}30'$	.98902
R4	13+30.31	(Corr.)		I-0-29-00 II-1-56-30 Mn-0-29-08 Lt.
	100.73	101.44	$+06^{\circ}47'$	.99300
	48.58			
	100.48			
	94.30			
	93.52			
	98.97			
	94.60			
R3	6+99.16 See page 8 6+99.14 Random Line = 615 + 95.39 "L" Line			I-73-28-15 II-293-52-30 Mn-73-28-08
	21.97'			
R2	6+77.17 ¹⁹			

6-11-65
Cloudy $\frac{5}{8}$ 34

Property Tie

Same (5)
Crew

E. Boundary (U.S. #1188)
H.E.S. 95

P.O.T. 3" Nail in 16" spruce tree root.

R4 13+30.31 (Corrected)

H.E.S. 95

P.I. #1
606+94.36

615+95.39 "L"

R3

Set Pk. in pavement

6199.14
6+99.16

13.78' 08"
21.97' Ch.

R2

6+77.17

P.O.T. P.O.S.T.
631+457.33

Sta.	Chain Dist.	Slope Dist.	Vert. X	Cosine	6-11-65 Rmn # 54	Property Tie H.E.S. 95	Same (6) Crew
<u>Note</u> - Dist. does not agree with record. At this point we began re-chaining the random line.							
Cor. #3	18+69.67	(corr.)					
	79.10	82.08	+15° 29'	.96371			
R5	17+85.57	(corr.)			I-3-28-15 II-13-53-30 Mn-3-28-22 Rt.		
	191.48'	199.70	+16° 30'	.95882			
P.O.T.							



R5 Set 3" Native H&T
17+85.57 (corrected)

P.O.T. ○

Sta. Chain.
Dist. Temp.

6-11-65
Cloudy 54

Property Tie
H.E.S. 95
E. Boundary

Same (8)
Crew

Cor. #2

100.44
51.11

R1

100.83
93.25
96.65
99.54
100.20

35.25

R2

Corrected
Sta.
0+00

Cor. 2

1+51.52

R1

6+77.19

R2

6+99.16

R3

13+30.31

R4

17+85.57

R5

18+64.67

Cor. 3

Temp. Corrected

Sta.

First
Chaining

Second
Chaining Mn.

151.52

151.53

151.52'

525.65

525.69

525.67'

21.97

21.97

21.97'

631.15

631.15

631.15

455.26

455.25'

455.26

79.10

79.10'

79.10

Cor. 2

R1

R2

Sta Cham. Temp Hor. &
Dist. 48°

Cor. 2 (2527) 6+13.82

122.76' 124.95 +10°44' .98250

R2 4+91.08

Slope Dist. Vert. & Cosine

147.57' 153.74 +16°17' .95989

72.63
100.61
100.69
Total 421.50

R2 R1 0+69.63

69.64

I-45-05-45

II-180-22-15

Mn-45-05-34" Lt.

I-35-25-15

II-141-41-15

Mn-35-25-19 Lt.

W.C.M.C. #1 0+00 Traverse Line

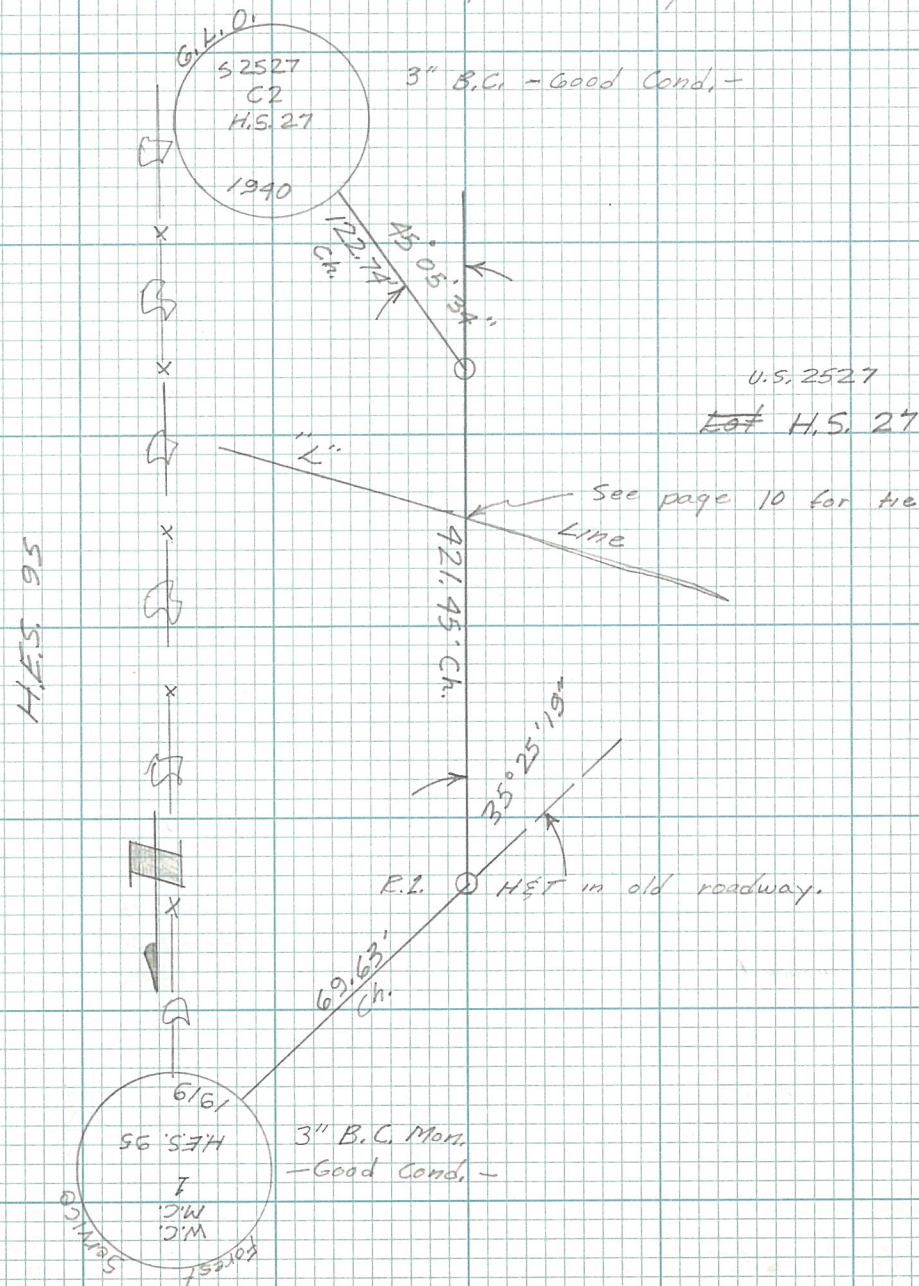
6-12-65
Cloudy & 48

Property Tie

Same
Crew

W. Boundary H.E.S. 95

E. Boundary U.S. Survey 2527 Group 2
of the Cooper Landing Homesteads.



Note - M.C. proper could
not be found.

Sta.

Slope Dist. Vert. &

Cosine

Note- Due to difference from plat description
we chained it ~~back~~ again see page 12.

Cor. 2

168.71 170.28 $+7^{\circ}47'$.99079

197.67 200.50 $+9^{\circ}38'$.98590

P.O.T.

91.47

"L" Line P.I. #3 + 32.54'

I - $92^{\circ}59'30''$

IX - $371^{\circ}58'00''$

Mn - $92^{\circ}59'30''$

44.35'

Cor. 3

6-12-65
Cloudy \$ 67

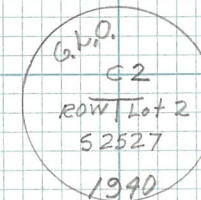
Property Tie

Same (U)

U.S. 2527

Craw

E. Boundary Lot 2



3" B.C. Mon. leaning 20° N.
Used point 0.1' S. of where
pipe enters ground.

366.38' Ch.

Lot 2

P.O.T. Set

91.47' Ch.

32.54'

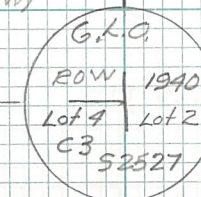
$92^{\circ}59'30''$

44.35' Ch.

(Not Hiway R.O.W.)

R.O.W.

Lot 1



3" B.C., Leaning 20° E.
Used a point 0.2' W. of where
pipe enters ground.

Sta.	Slope Dist.	Vert. x	Cosine
------	----------------	------------	--------

Cor. 2

168.70'	170.37	+8° 02'	.99019
---------	--------	---------	--------

197.66'	200.91'	10° 19' +12° 21'	.98383 .98373
---------	---------	---------------------	-----------------------------

P.O.T.

91.47'

"L" Line

44.35'

Cor. 3

6-12-65
67° Cloudy

E. Boundary Lot 27

Same (2)
Crew

Cor. 2

Chain Dist. Cor. 2
to Cor. 3, ^{502.19' Mn. P.O.}
~~502.10'~~
= 501.60 Record Dist.

366.36' Ch.

P.O.T.

91.47' Ch.

"L"

Line

44.35' Ch.

Cor. 3



Hor. 4

Cor. 3

$I - 0^{\circ} 11' 00''$
 $IV - 0^{\circ} 43' 50''$
 $Mn. - 0^{\circ} 10' 58''$ Rf.

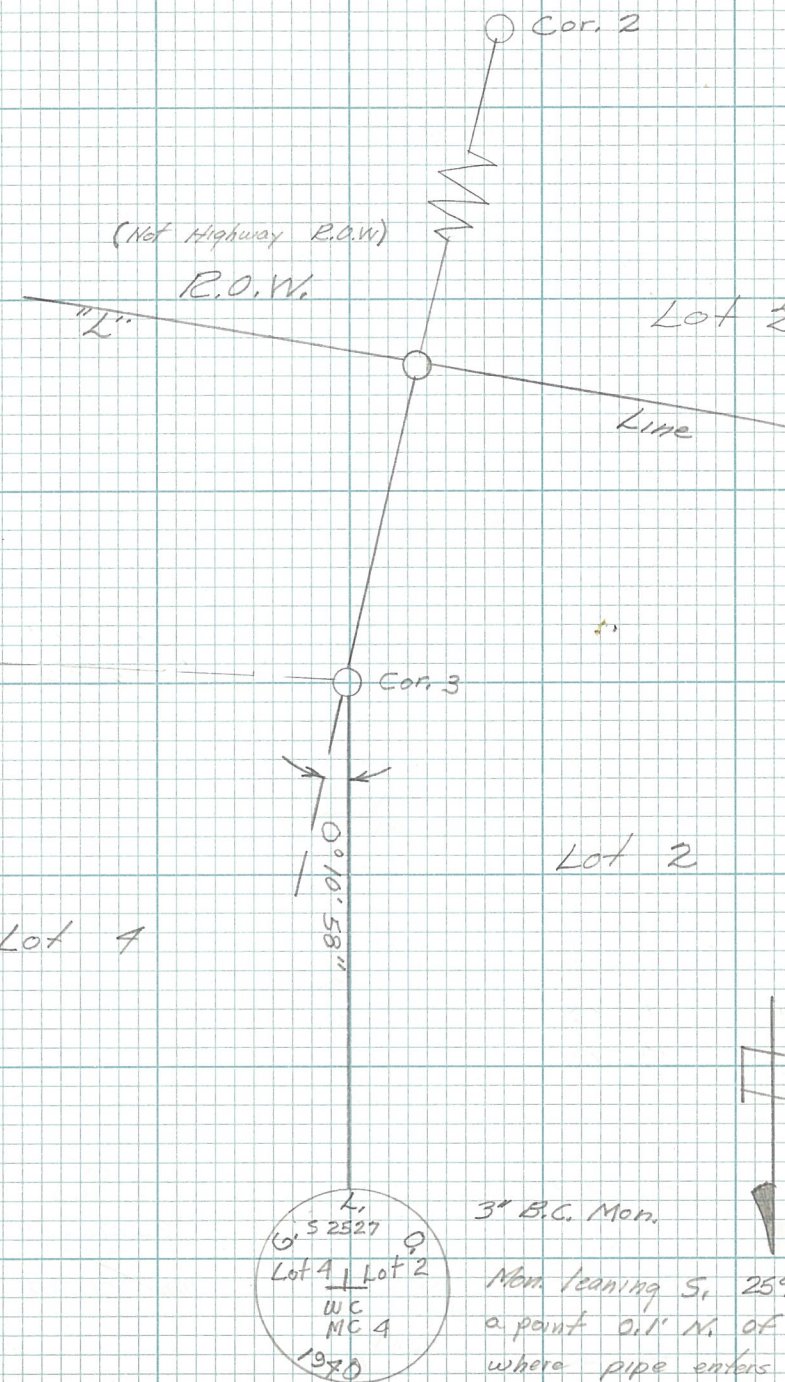
$$\begin{array}{r} 44.04 \\ 45.77 \\ \hline 72.88 \\ 162.69 \end{array} \quad \begin{array}{r} 44.04 \\ 45.76 \\ \hline 72.88 \\ 162.68 \end{array} = 163.02 \text{ Record Dist.}$$

6-17-65

Tie U.S. 2527

Same (13)
Crew

P. Cloudy 563°



3rd B.C. Mon.

Non leaning S_1 25°. Used
a point 0.1' N. of point
where pipe enters ground

Sta. Hor. Dist. Slope Vert. X Cosine
Dist.

Cor. 3

35.99 \$ 35.99 ②
17.28 \$ 17.28 ①

153.88' 158.79 +14° 17' .96909 ②
153.89' \$ 158.91' +14° 26' 30" .96840 ①

P.O.T.

192.30 200.35 +16° 18' .95981 ②
192.30 200.79 +16° 43' .95774 ①

66.01 69.66 +18° 38' .99758 ②
66.02 69.29 +17° 40' .95284 ①

Cor. 4

29.07 \$ 29.07

"K" Line 655 ± 17.72

I- 94° 13' 30"
II- 376° 55' 00"
Mn- 94° 13' 45"

6-19-65
62°

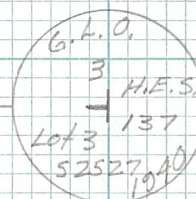
Property Tie

E. Boundary H.E.S. 137

\$ W. Boundary Lot 3, 52527 Cooper Landing
Homesites #2

Same (14)
Crew

3" B.C. Mon.
- Good Cond.



207.15'
Ch.

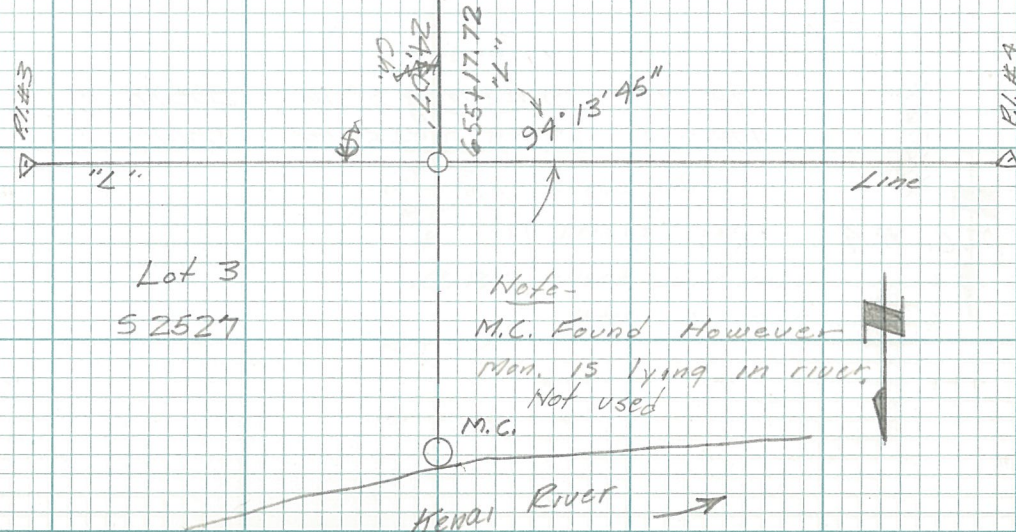
P.O.T. Set 16 P. Nail

258.32'
Ch.



3" B.C. Mon.
- Fair Cond.

H.E.S. 137



Lot 3
52527

Note-
M.C. Found However
Mon. is lying in river,
Not used

M.C.

Hemal River

Sta Hor. Dist. Slope Dist. Vert. & Cosine Temp.

A.P. #2

I-1-45-00
 IV-6-59-45
 Mn-1-44-56 Lt.

147.34'

147.37 ✓ 149.41 ② +9° 14' .98704 ✓
 147.34 ✓ 149.32 ① +9° 06' .98755 .98741

A.P. #1

I-1-57-15
 IV-7-49-15
 Mn-1-57-19 Rt.

123.73'

123.75 ✓ 132.31 ② +20° 43' .93534 ✓
 123.74 ✓ 131.98 ① +20° 21' .93759 ✓

P.O.T. #2

177.09'

177.12 ✓ 197.50 ② +26° 15.5' .89680 ✓
 177.10 ✓ 198.38 ① +26° 47' .89272 ✓

P.O.T. #1

178.64'

178.67 ✓ 179.43 ② +5° 16' .99578 ✓
 178.66 ✓ 179.35 ① +5° 02' .99614 ✓

M.C. #4

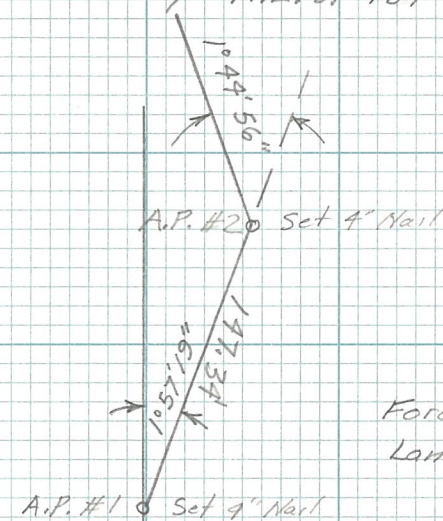
6-15-65

Cloudy, Showers & SO

Property Tie
 W. Boundary H.E.S. 137

Same (15)
 Crew

H.E.S. 137



Forest Service
 Land

P.O.T. #2
 Set 4" Nail

P.O.T. #1
 Set 4" Nail



3" B.C. Mon.
 Leaning Slightly
 -Used point pipe
 enters ground.-

Sta. Hor. Dist. Slope Dist. Vert. $\angle$ Cosine

Cor. #3

184.35'

184.37 ✓ 184.92 ② +4° 29' .99705 ✓
184.37 ✓ 184.85 ① +4° 07' .99742 ✓

P.O.T. #3

350.09'

199.77 ✓ 150.96 ② +7° 12' .99211 ✓
199.78 ✓ 150.75 ① +6° 31' .99354 ✓

200.36 ②
200.35 ①

A.P. #3

200.77'

200.80 ②
200.78 ①

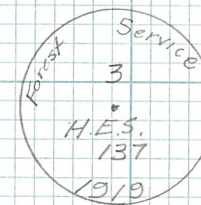
A.P. #2

I- 0-27-15
II- 1-49-30
Mn- 0-27-22 Lt.

6-13-65
50°

W. Boundary H.E.S. 137

Same ⑩
Crew



3" B.C.
- Good Cond. -

184.35'
P.O.T. 3 Set 4" Nail

350.09'
0.27' 22"
A.P. #3 Set 4" Nail

200.77'
A.P. #2



Sta. Hor. Dist.

Hor. X

P.O.T. #1

M.C. 4

133.08'

133.09 ②

133.09 ①

676+85.19 P.O.T. "L"

I-32-02-30

IX-128-10-15

Mn-32-02-34 Lt.

I-125-26-30

IX-407-44-45

Mn-125-26-11

6-15-65

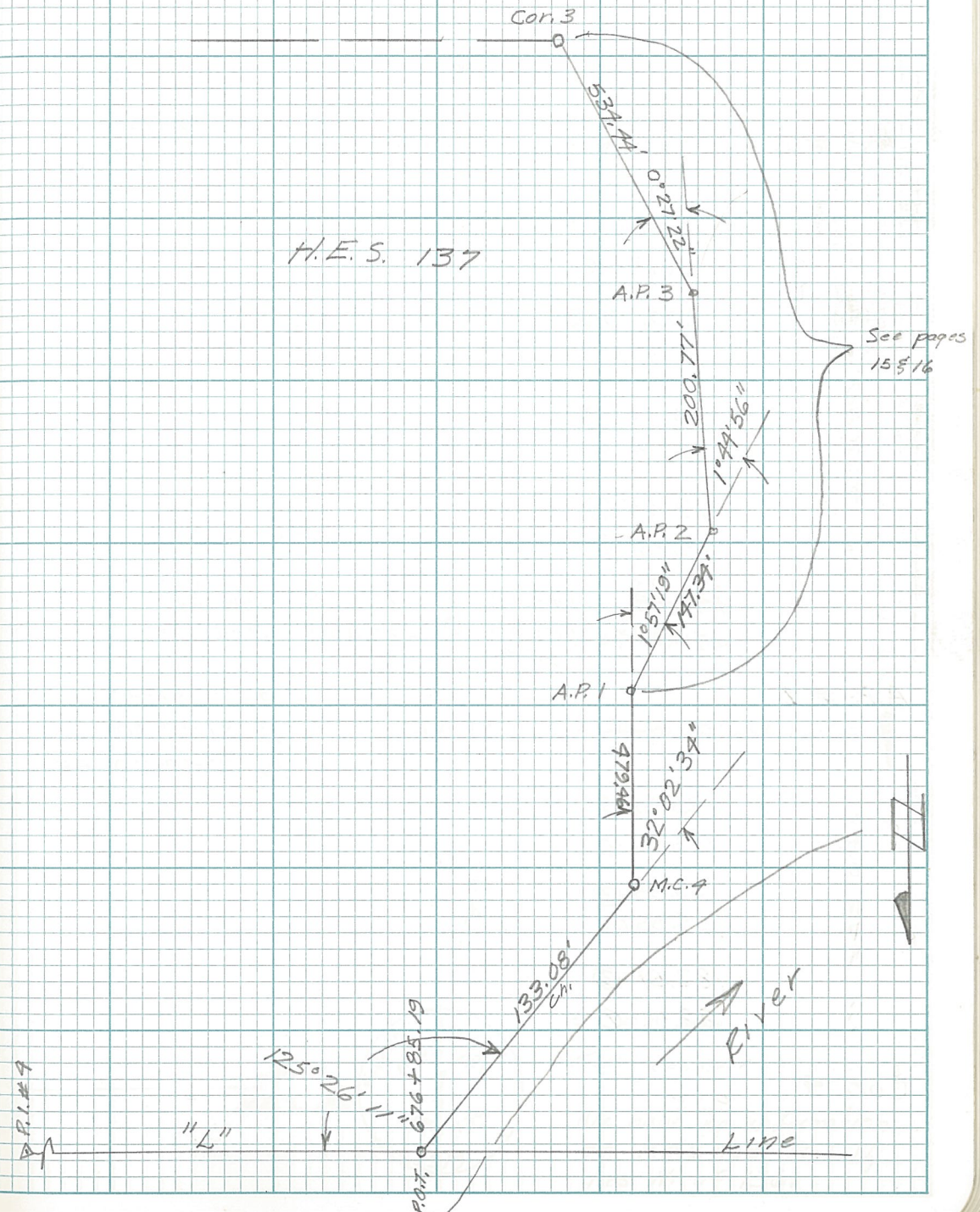
50°

Tie to W. Boundary

H.E.S. 137

Same (17)

Crew



Sta. Hor. Dist. Slope Dist. Vert. $\angle$ Cosine.

A.P. #2

I-12-00-45
 IV-48-02-45
 Mn-12-00-41" $\angle$ L.

462.80'

96.84 ②
 96.84 ①
 200.29 ②
 200.28 ①

10.34 ②
 10.34 ①
 13.45 ②
 13.45 ①

~~141.93~~
~~141.94~~ 143.13 ① -7° 25.5' .991615
 141.94 143.22 ① -7° 40' .99106

A.P. #1

I-22-57-30
 IV-31-50-00
 Mn-22-57-30 $\angle$ L.

243.94'

125.91 ②
 125.91 ①
 35.55 ②
 35.55 ①
 82.51 ②
 82.51 ①

Cor. 4

6-15-65
 Rain Showers $\approx$ 50°

Property Tie
 W. Boundary H.E.S. 136

Same ⑬
 Crew

A.P. #2 Set ~~4"~~ 2" Native HST

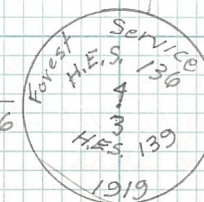
462.80'

H.E.S. 136

A.P. #1 Set ~~4"~~ 2" Native HST

243.94'

Cor. 4
 H.E.S. 136



3" B.C. Mem.
 - Fair Cond.

We have no information
 on H.E.S. 139. Probably
 lies N. of 136.

