ETIC CONTROL - J.N. 4900

1-22	Bel lower -Center St to Hall Rd (nr Lakewood t.)State Hwy-C.L. Ties - Bk. A-206
23-66	Firestone Blvd from Lakewood Blvd to Luitweiler Av (OrangeCo.Line)State Hwy-C.L.Ties - Bk.A-208
67-78	Norwalk Park-J.N.8260-State Hwy Notes of Santa Ana Fre ay bet San Antonio Blvd. & Rosecrans.
79-110	Lakewo Blvd. -(Rosemead Blvd.)- State Hwy Notes from Dunlap Crossing Road to Olympic Blvd.
111-126	Firestone Blvd. - State Hwy Notes, fr Lakewood Bl. Pioneer Boulevard. (A-228.001)
127-142	Firestone Blvd. - State Hwy Notes, fr Pioneer Blvd. to Marquardt Ave.

BOOK 1041

104

FB 1041-1

STATE OF CALIFORNIA

Line

Station

Check Chaining
To Carson St.

FB 1041-2

DIVISION OF HIGHWAYS

Co. L.A. Rt. 169 Sec. A

Date 8-11-41 Page 1

℄

℄ Carson ST

349.97 corey
349.98 Hever

Fd. P.M. in Boat spk.

75+71.32 C.H.C.
P.O.T.

corey
Hawksticks

571.29
571.32

Fd. P.M. in Boat spk.

70+00.00 C.H.C.
P.O.T.

corey
Hawksticks

999.985
1000.00

Fd. P.M in Boat spk.

60+00.00 C.H.C.
P.O.T.

corey
Hawksticks

719.39
719.55

52+80.45 C.H.C.
P.O.T.

Fd. P.M in Boat spk.

STATE OF CALIFORNIA

Line

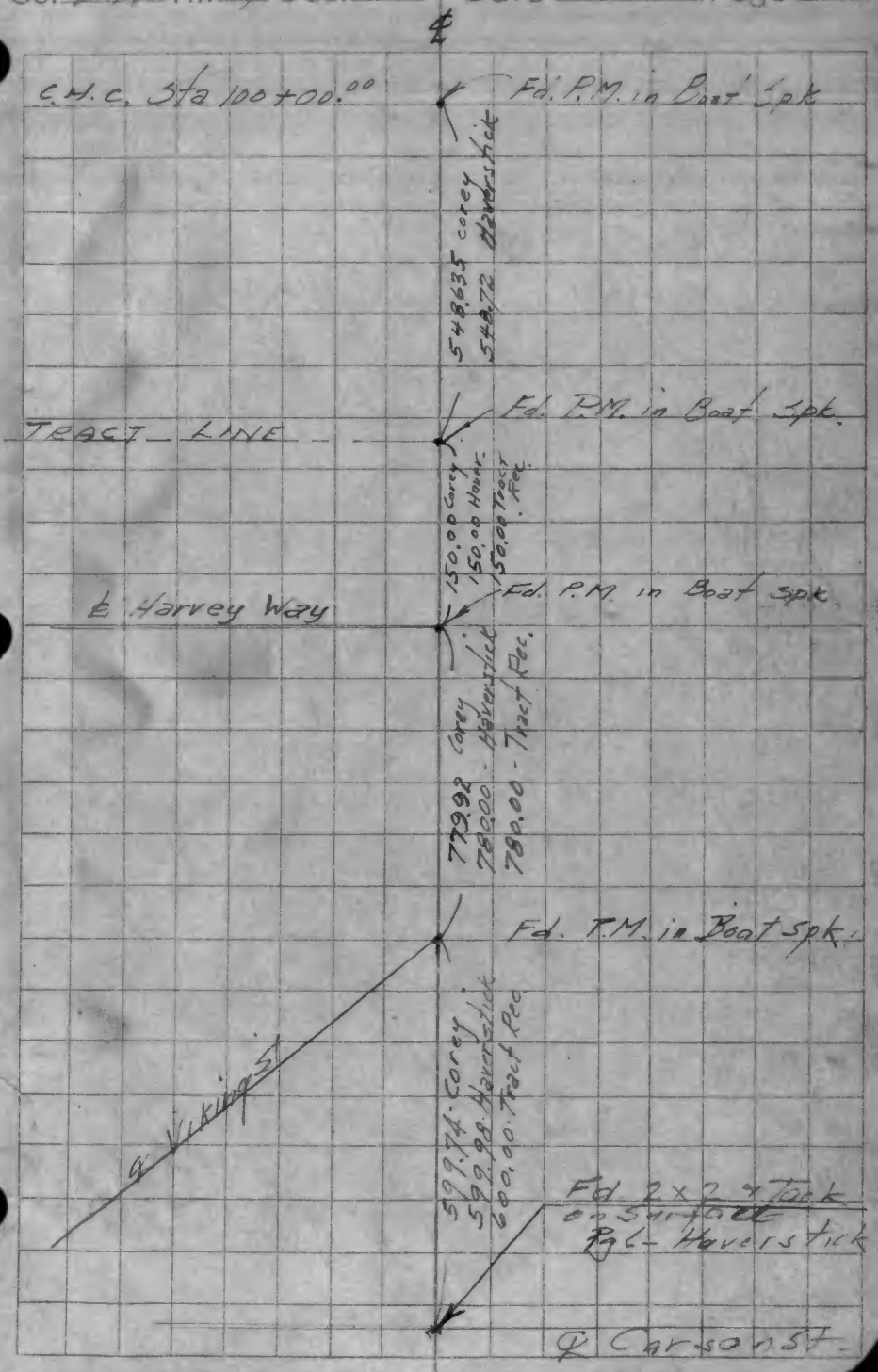
Station

Check Chaining
Carson St. North

DIVISION OF HIGHWAYS

Co. LA Rt. 169 Sec. A

Date 8-8-41 Page 2



STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Line

Station

Co. L.A. Rt. 169 Sec. A

Date 9-8-41 Page 3

132+00.92 P.A.T. (C.H.C.)

P.M. in Boat Spk.

133.15 Corey
133.1 Haverstick

P.M. in Boat Spk.

86.9 Corey
86.9 Haverstick

P.M. in Boat Spk.

C.H.C. Sta 110+00.00

438.795 Corey
438.75 Haverstick

P.M. in Boat spk.

56.105 Corey
56.125 Haverstick

C.H.C. Sta 100+00.00

P.M. in Boat spk.

STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Co. 4 Rt. 169 Sec. A

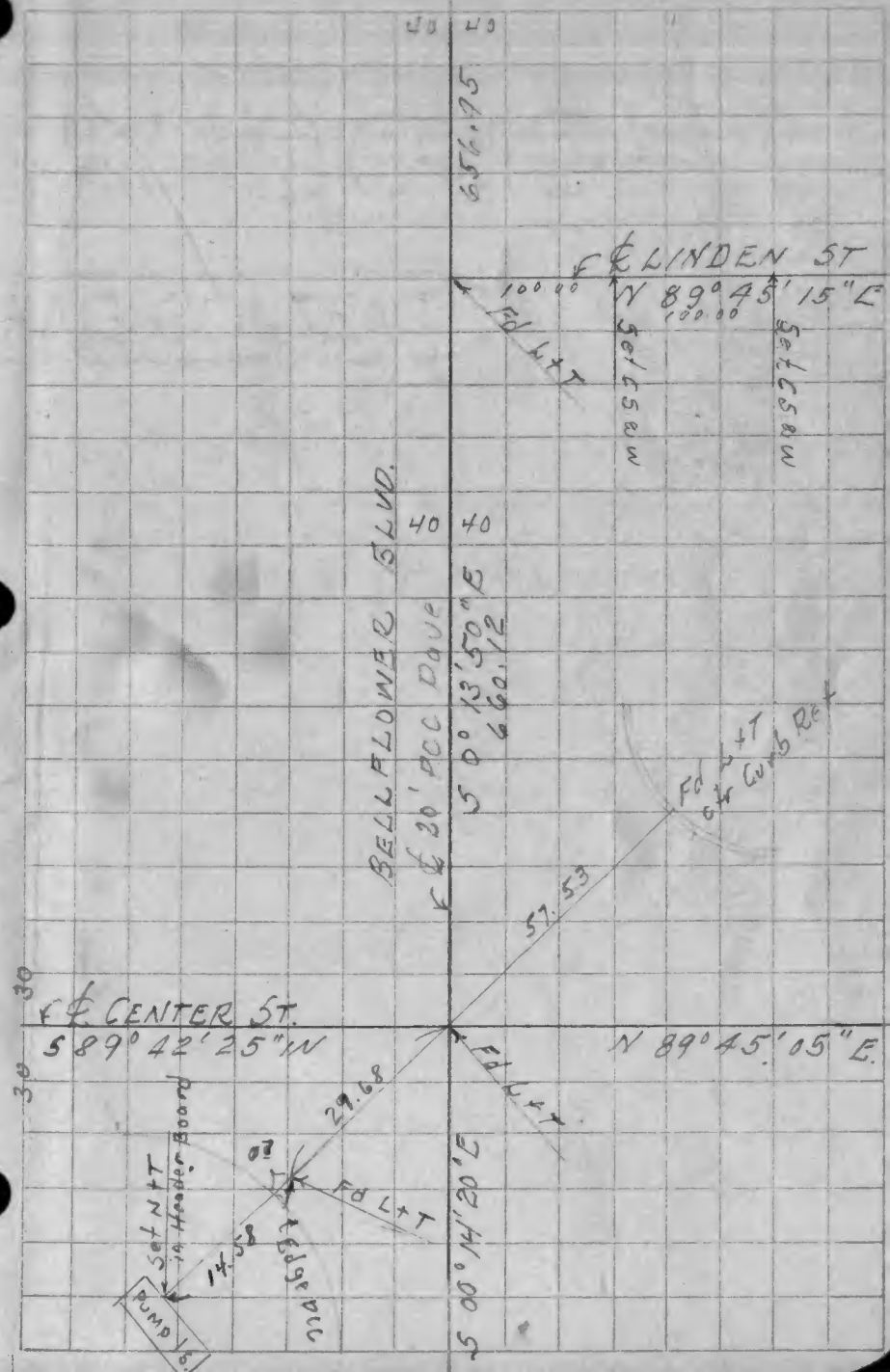
Date 12-11-41 Page 1

A Line

Station

211+32.38 POT

217+92.50 Angle Pt.



A Line

STATE OF CALIFORNIA

Station

191+54.20 POT

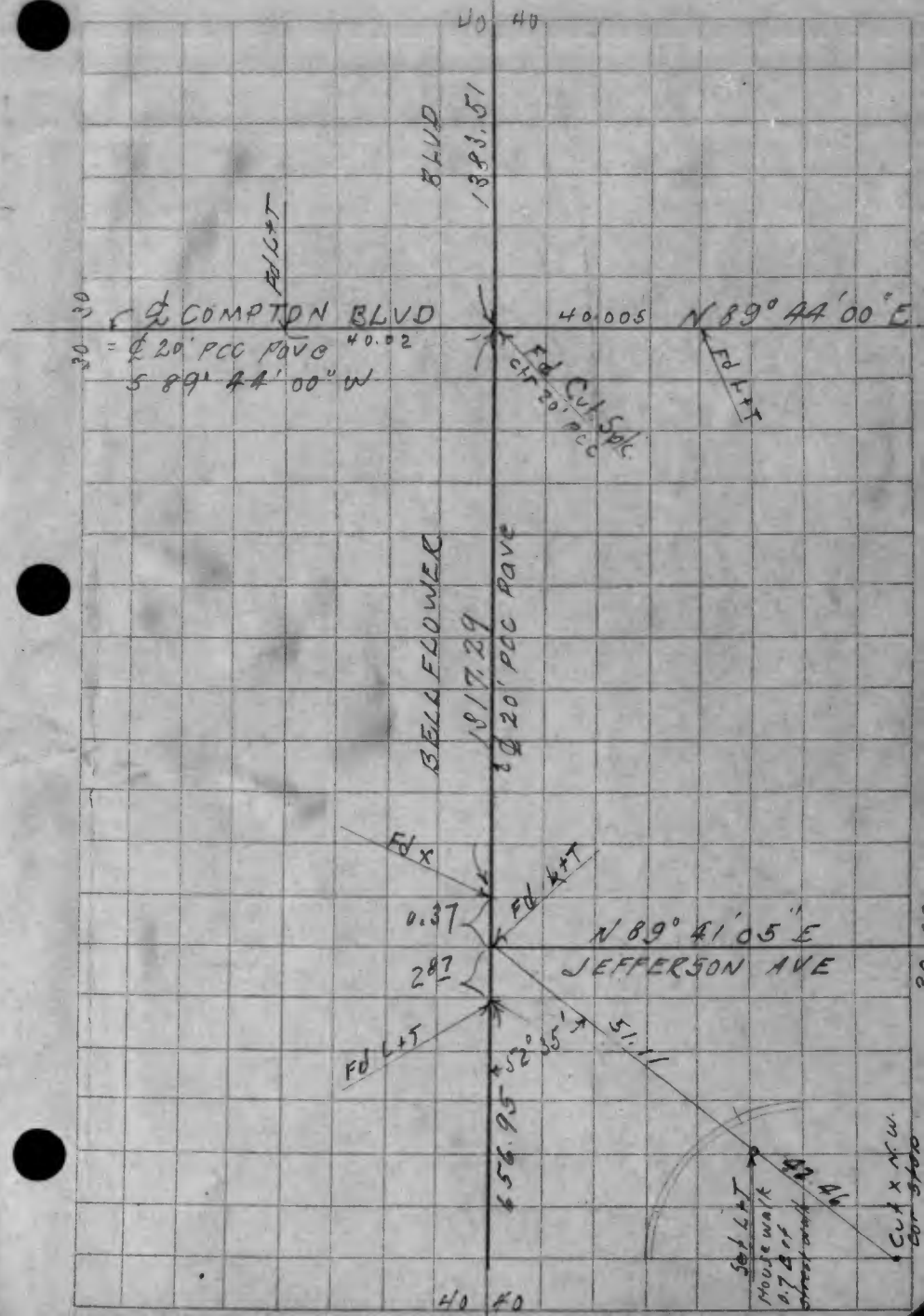
S 0° 13' 50" E

204+72.19 POT
204+72.56 POT
204+75.43 POT

DIVISION OF HIGHWAYS

Co. LA Rt. 169 Sec. A

Date 12-11-41 Page 2

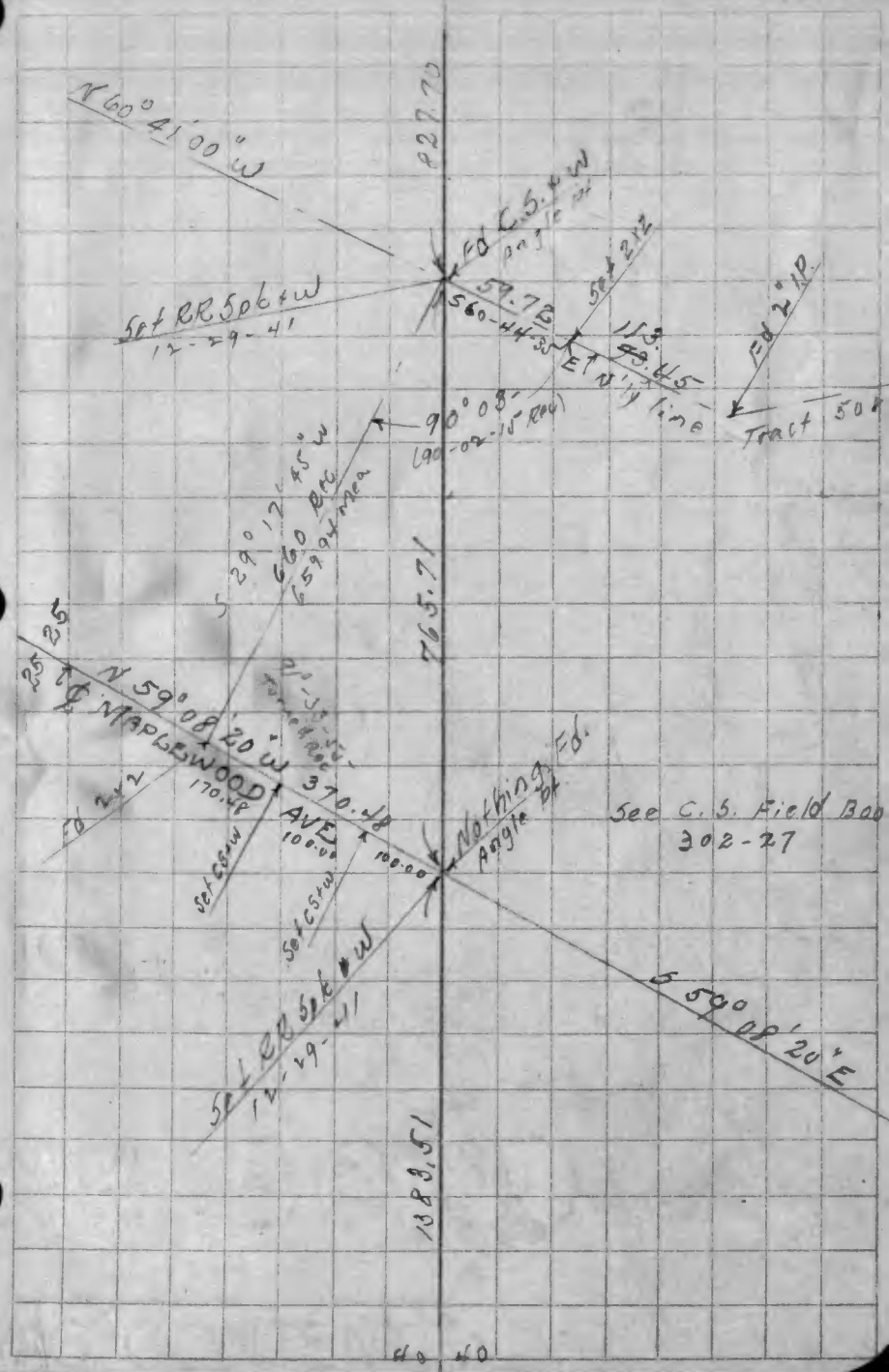


STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. LA Rt. 169 Sec. A Date 12-11-41 Page 3

Collins notes.

Station	Line	
		S 0°16'15" E
170+05.68	P.I.	
		S 0°21'45" W
177+71.39	P.I.	
		S 0°13'50" E



A Line

STATE OF CALIFORNIA

Station

152+78.22 POT

156+83.49 POT

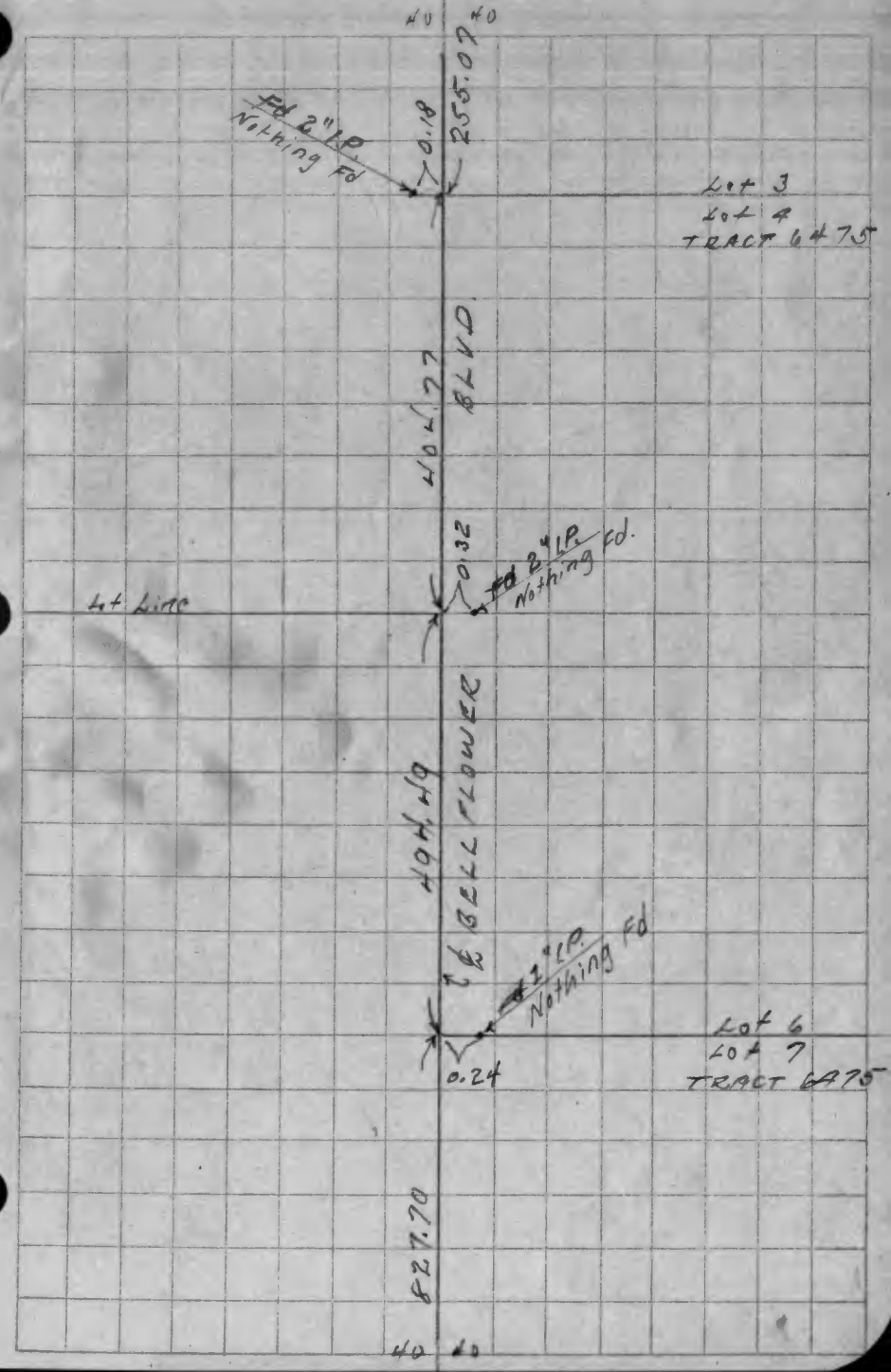
S 0° 16' 15" E

161+77.18 POT

Collins notes

DIVISION OF HIGHWAYS

Co. LA Rt. 169 Sec. A Date 12-11-61 Page 4



STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Co. LA Rt. 169 Sec. A Date 12-11-41 Page 5

A Line

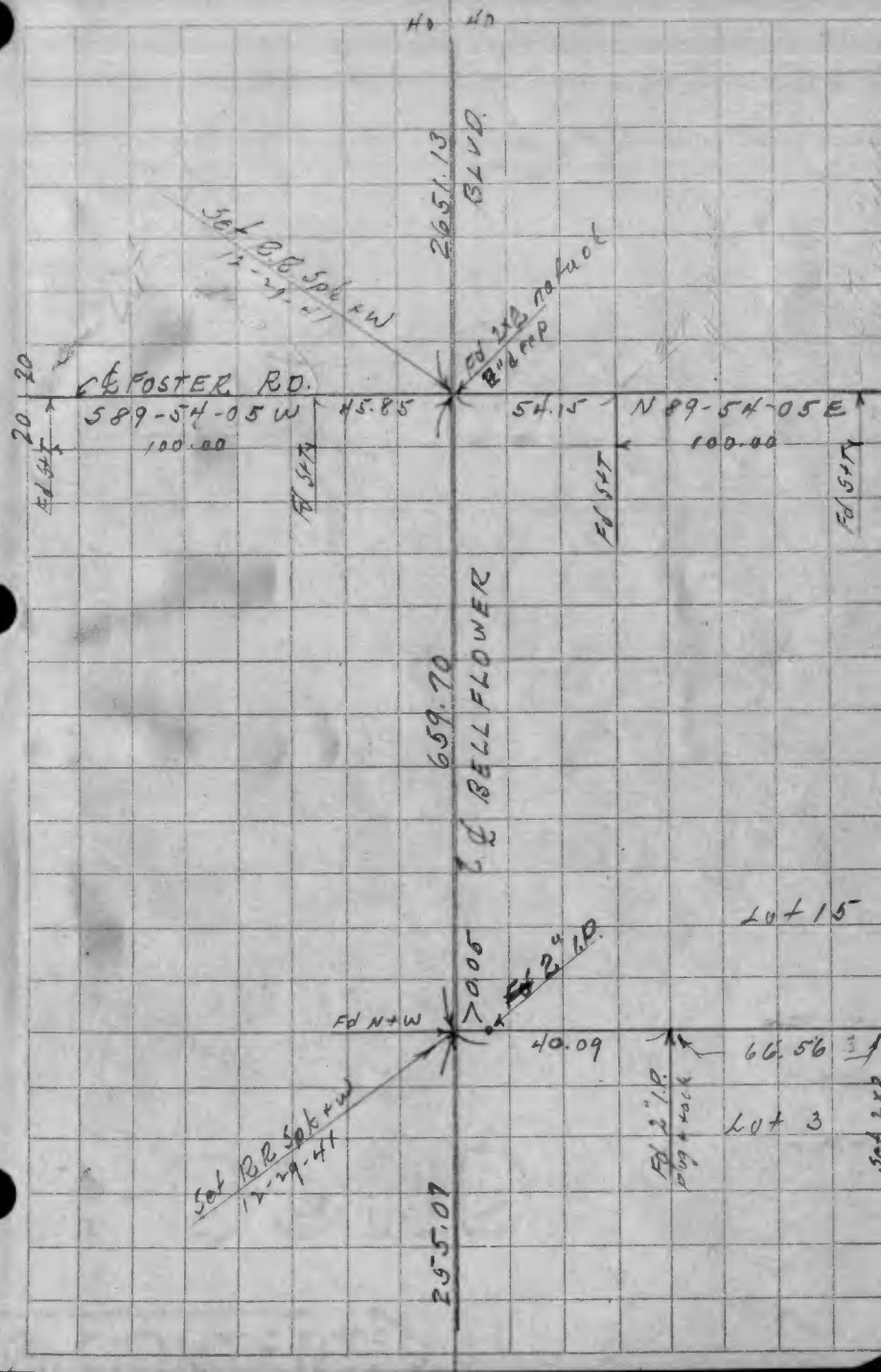
Station

S 0° 12' 15" E

143+63.95 P.I.

S 0° 16' 15" E

150+23.65 POT



STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Co. LA Rt. 169 Sec. A Date 12-11-41 Page 6

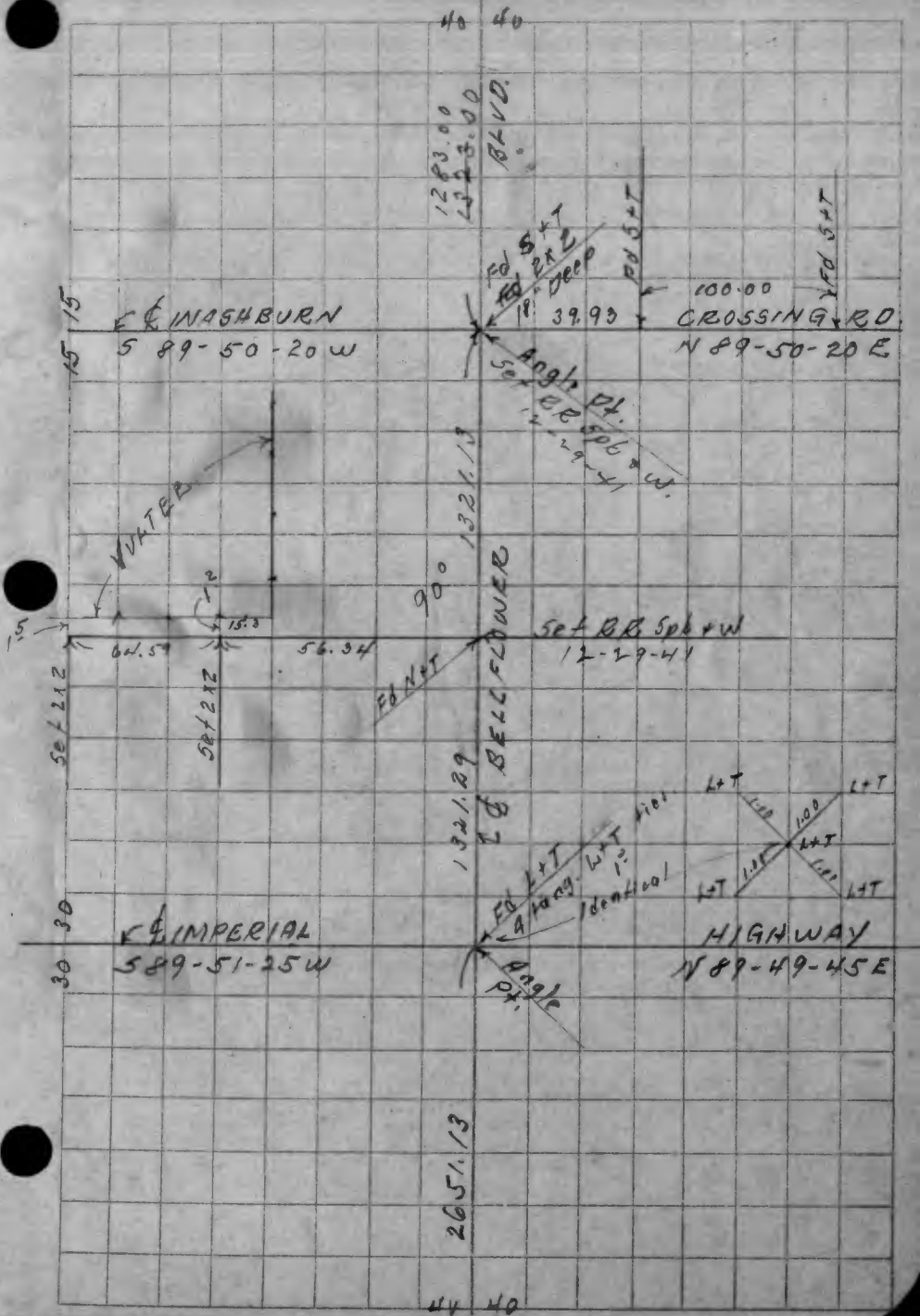
Collins

A Line Station	
90+69.93	P.I.
103+91.06	POT
=117+12.35	P.I. North } Equa.
117+12.82	P.I. South }

S 0°08'05" E

S 0°04'85" E

S 0°12'15" E



STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

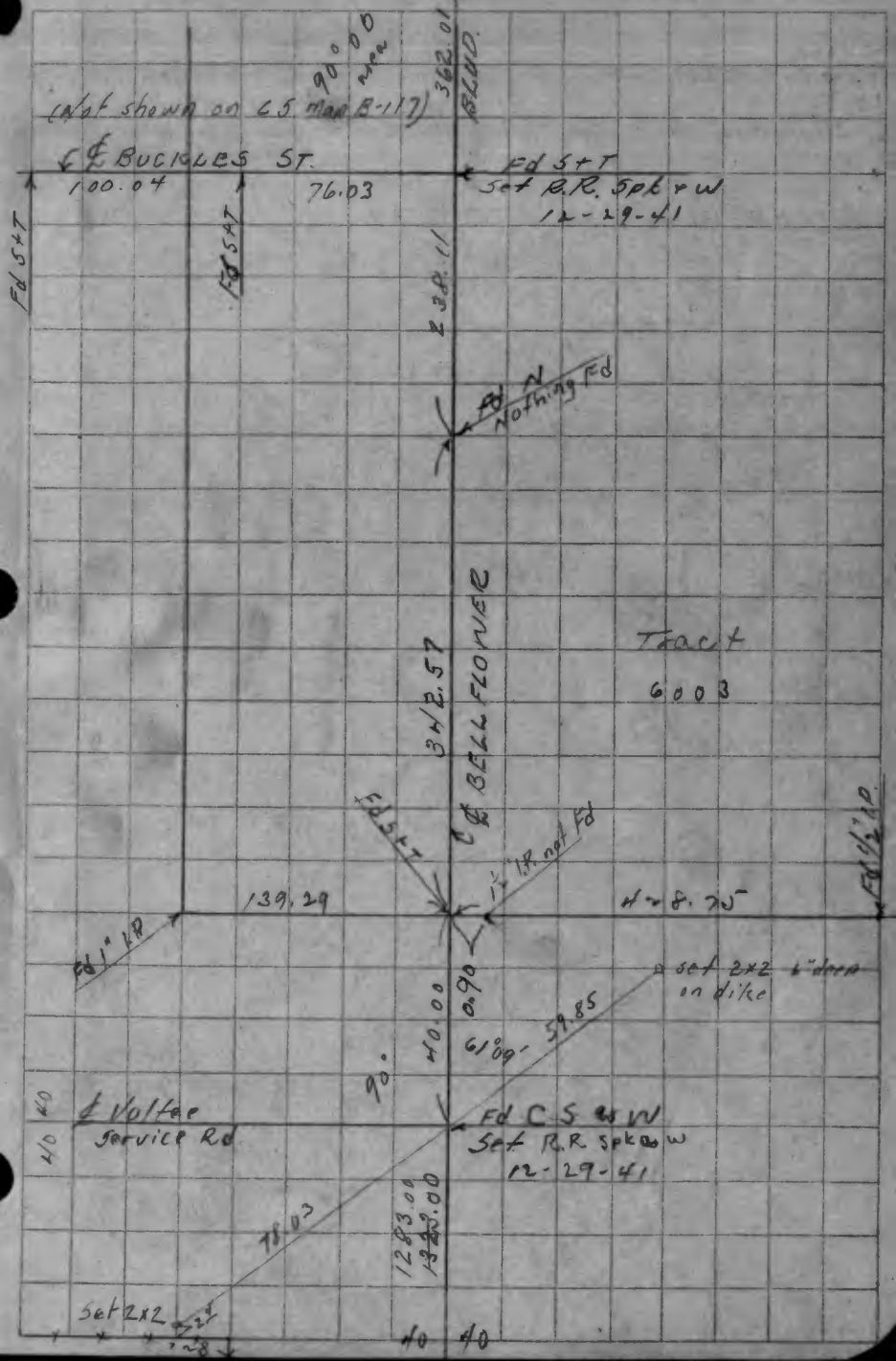
Collins notes

A Line

Co. LA Rt. 169 Sec. 4 Date 12-12-41 Page 7

Station	
71+66.25	POT
74+04.36	POT
77+46.93	POT
77+06.93	POT

S 0° 00' 05" E



STATE OF CALIFORNIA

A Line

Station

~~63+94.77~~ POT Void

64+24.78 ~~POT~~ P.I.

Note:- C.S. Map B-117 shows continuous bearing of S 0°-08-WE to ℄ Lakewood. Road as built shows L rt to ℄ ahd set in Lakewood

S 0°39' W

S 0° 00' 05" E

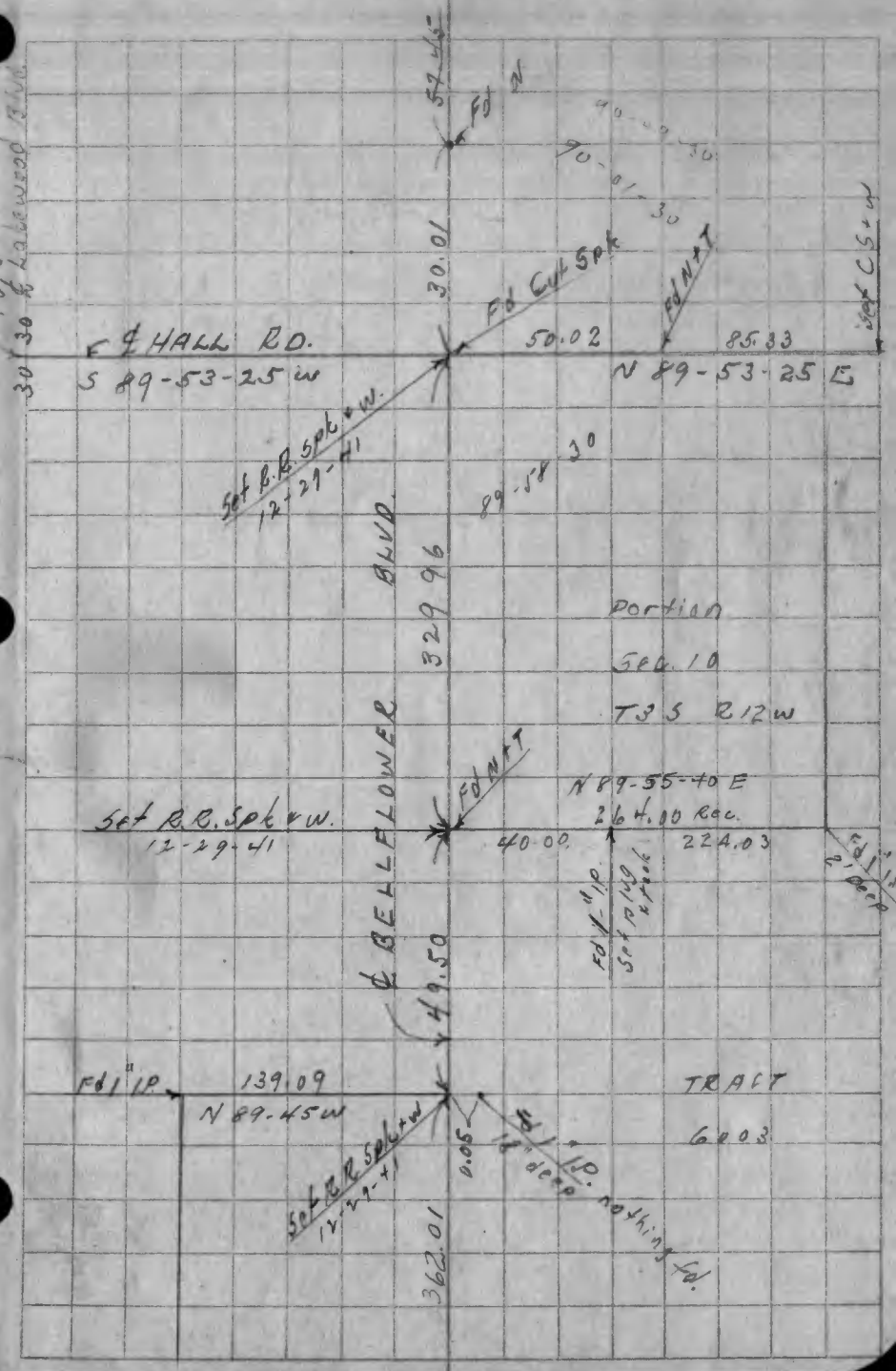
67+54.74 POT

68+04.24 POT

Collins

DIVISION OF HIGHWAYS

Co. LA Rt. 169 Sec. A Date 12-11-41 Page 8



STATE OF CALIFORNIA

Chapter Line

Station

NOTE:- We Find an angle at this point - see Back of Page #1
1-7-42 - J.A.H.S

248+36 02 1-7-42 P.O.T.

248+36 35 P.O.T. Spike & washer in part.

Chained 248+36 00 @ 66°
1-7-42 - J.A.H.S.

Note:- We checked this course with Chain #11 -26# @ 68° at a temp. of 67°
1309.55 @ 67°
- 01
1309.54 @ 68°

(1-7-42) 1309.50 @ 66°
+0.02
4000' - 1309.52 1.4225'

1309.85 - Correct

S 59 - 25 - 50 E

235+26 50 P.O.T. Spike & tin in part
℄ Cerritos Ave to south

Line Retraced and Stations set on grounds
Shown - Jan 1942 - C.P.
J A Hutchison
F B Stone
A Clarke
A Crosetto
Chain #15 -26# @ 64°
Sta Painted "B" on ground

G. W. Eifler
R. E. Mangano
C. C. Lofgren
D. Oberg

Co. LA Rt. 14 Sec. E Date 12-8-34 Page 1

T.I.C. points

Set NGT in PR #1650585

Set NGT in ℗ Tel Pole

℄ Conc Mon

℄ Conc Mon

Set Spike & Washer Sta 248+36.35 P.O.T.
Set N+F 1-5-42 JAH
Sta 248+36.02 P.O.T.

Set LHT 10/22/41 A.H.H.

Signal
Set LHT 10/22/41 A.H.H.

℄ Cerritos Ave

℄ Cerritos Ave

Nothing
235+22.53 P.O.T.

Set spike & tin
Sta 235+26.50 P.O.T.
Ed P.M. & J.A.H. 1-5-42 JAH

STATE OF CALIFORNIA

Constr. Line

Station

See Note Pg. 1 Jad

276+25 93 PI 1-7-42 JAH

~~276+26 21~~ P.I.

Chained 276+~~26~~ 25 90 48 @ 67°

+ 5° 36' Rt

8 | 44-48

5-36 Rt

Spike & Washers in pavt

℄ Norwalk Downey Road

Rec. 5-35-20

S 53-39-00 E

1558 45 @ 67°

+ 0.03

Meas: 1558.48 @ 54° 6 Used

(1558.17 Rec.)

S 59-14-20 E

260+67 45 PI

~~260+66 03~~ P.I.

Chained 260+67 ~~46~~ 43 @ 67°

1-7-42 J.A.H.

Turned 0-11-15 3/4 Rt

8 | 1-30-30

Lead & Tack, top of curb

℄ Woodruff Ave

Rec. 0-11-30

S 59-25-50 E

12 31.41 @ 67°

+ 0.02

Meas: 12 31.43 @ 54° Used

(1231.68 Rec.)

DIVISION OF HIGHWAYS

Co. L.A. Rt. 174 Sec. B Date 12-8-34 Page 2.

Tie Points

Crosses in Headwalls of culvert

50°

61

50°

50°

℄ Norwalk Downey Rd

Set C.S.T. & W 10-27-61 A.K.H.

Set Spike & Washers Sta 276+25 93 P.I.

Set CP in N+E 1-5-42 JAH for Sta 276+25 93/PI

℄ Woodruff Ave

Fd 2" I.P. bent & Nail

47°

50°

50°

Set C.S.T. & W 10-22-61

Set L.S.T. in top curb Sta 260+67 45 P.I.

Set PM in N+E 1-5-42 JAH for Sta. 260+67 45/PI

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Const. Line

Station

Co. LA Rt. 174 Sec. B Date 12-10-34 Page 3

See Note Pg 1 Bkt

298+68.81 - 1-9-42 J.A.H.s

298+70 P.O.T. Spike & 2 washers in pavt

298+68.81 @ 64°

(669.94 @ 64°
No correct.
669.94 @ 64°
1-9-42 J.A.H.s)

291+98.87 — 1-9-42 J.A.H.s

292+00.00 P.O.T. Set C.P. in N&F - 1-5-42 J.A.H.s

Cal 291+98.91 @ 60° - 1-7-42 J.A.H.s

291+10 P.O.T. Fault incomplete

1-9-42
1572.98 @ 60°
- .04
Meas. 1572.94 @ 64°
used

281+52.22 P.O.T. 1-9-42 J.A.H.s

281+53 P.O.T. Spike & 2 washers in pavt

Cal 281+52.23 @ 60°

1-9-42
526.30 @ 60°
- 0.01
Meas 526.29 @ 64° used

(526.79 Record)

S 59° 39' 00" E

8" Conc Mon — 50.00 — 1-5-42 J.A.H.s — 50.00 — 1-5-42 J.A.H.s — 8" Conc Mon

Set C.P. in N&F. 1-5-42 J.A.H.s

Set Spike & washers Sta 298+70 P.O.T.

Set C.P. in N&F 1-6-42

59.29 — 1-5-42 J.A.H.s

Cross in S.E. side of 30" Conc. Stormpipe

74.84

8" Conc Mon

(Could Not Find this mon at 5' Below Surface 1-5-42 J.A.H.s)

51.82

1-5-42 Fd. L.S.A.H.s. S.B. Not Used.

8" Conc Mon — 51.82

Nothing set Sta 291+10 POT

1-5-42 Not Dug up Buried more than 4' in old Fill

8" Conc Mon — 50.00 — 50.00 — 8" Conc Mon

1-9-42 J.A.H.s 29.43 59.40

PP 438.591E Set N&T

50.92 1-9-42 J.A.H.s

Fd. - 1-5-42 Buried 12" J.A.H.s

90 1-9-42 J.A.H.s

1-9-42 J.A.H.s 68.52 59.51

Set Spike & washers Sta 281+52 POT

Reset 1-9-42 - J.A.H.s. for Sta 281+52.22 POT

PP 395.106E Set N&T

FB.1041-29

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

FB.1041-30

Constr. Line

Station

See Note Pg 1 JAH

319+23.42 P.O.T. - 1-9-42 J.A.H.s

319+~~25~~ P.O.T. { Spike & Washer in pavt.
Chd. 319+23.33 @ 78°. { 10± West of ℄, Little Lake Road

(1026.02 Rec.)
1025.71 @ 78°
+0.09 ±
1025.80 @ 64° Meas. + Used

@ 78°

S 57°07'10" E

1-9-42 - J.A.H.s
I = 3°28+
Δ = 13°52'
8 | 27°45
3°28'07½" Lt.

(3°28'10" Lt Rec.)

308+97.62 P.T. ← Bolt & Washer in pavt.
308+~~98.78~~ P.T. ←
Chd 308+97.55 @ 74°.

1-9-42 - J.A.H.s
(1028.98 Rec.)
1028.74 @ 74°
+0.07
1028.81 - @ 64° Used

S 59-39-00 E

Tie Points

Cont. R A-228

C. Pins W & F
Reset 1-9-42 J.A.H.s
"Set on Line" - Making
the Mon. on Lt 50.07
and Mon. on Rt. 50.00

Fence

Sta. 319+26.5 (Fence line)

8" Conc Mon. 50.00 50.035 chained J.A.H.s 50.07

50.00 50.035 chained 1-6-42 - J.A.H.s 8" Conc. Mon.

Set C. Pin N & F
Set Spike & Washer
Sta 319+~~25~~ P.O.T.
for Sta 319+23.42 P.O.T. JAH

1-9-42
HOXIE AVE

56°00'

℄ Little Lake Road

Near W. cube Tax
Set C.S.&W.
10/22/41 J.A.H.s

88°15'55"

100.00 50.02 J.A.H.s

8" Conc Mon. 50.02 50.02 8" Conc. Mon.

Set Nail C.S.&W.
On Surface from
Mon. ties. 0.2 ft.

Set bolt & washer
Sta 308+98.78 P.T.
for Sta. 308+97.62 P.T. JAH

STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Co. LA Rt. 174 Sec. B Date 12-10-34 Page 5

Tie Points: Point A-278

Centerline

Station

See Note Pg 1 Book

(608.35 Rec.) 608.21 @ 78° + 0.06 608.27 @ 64° Meas + used Book

331+11.80 P.O.T. - J.A.H. - 1-9-42

331+11.65 P.O.T. Spike & 2 washers in part.

Chd 331+11.73 @ 81° Appr. ℄ tracks

(640.46 Rec.) 640.30 @ 81° + 0.07 640.37 @ 64° Meas + used Book

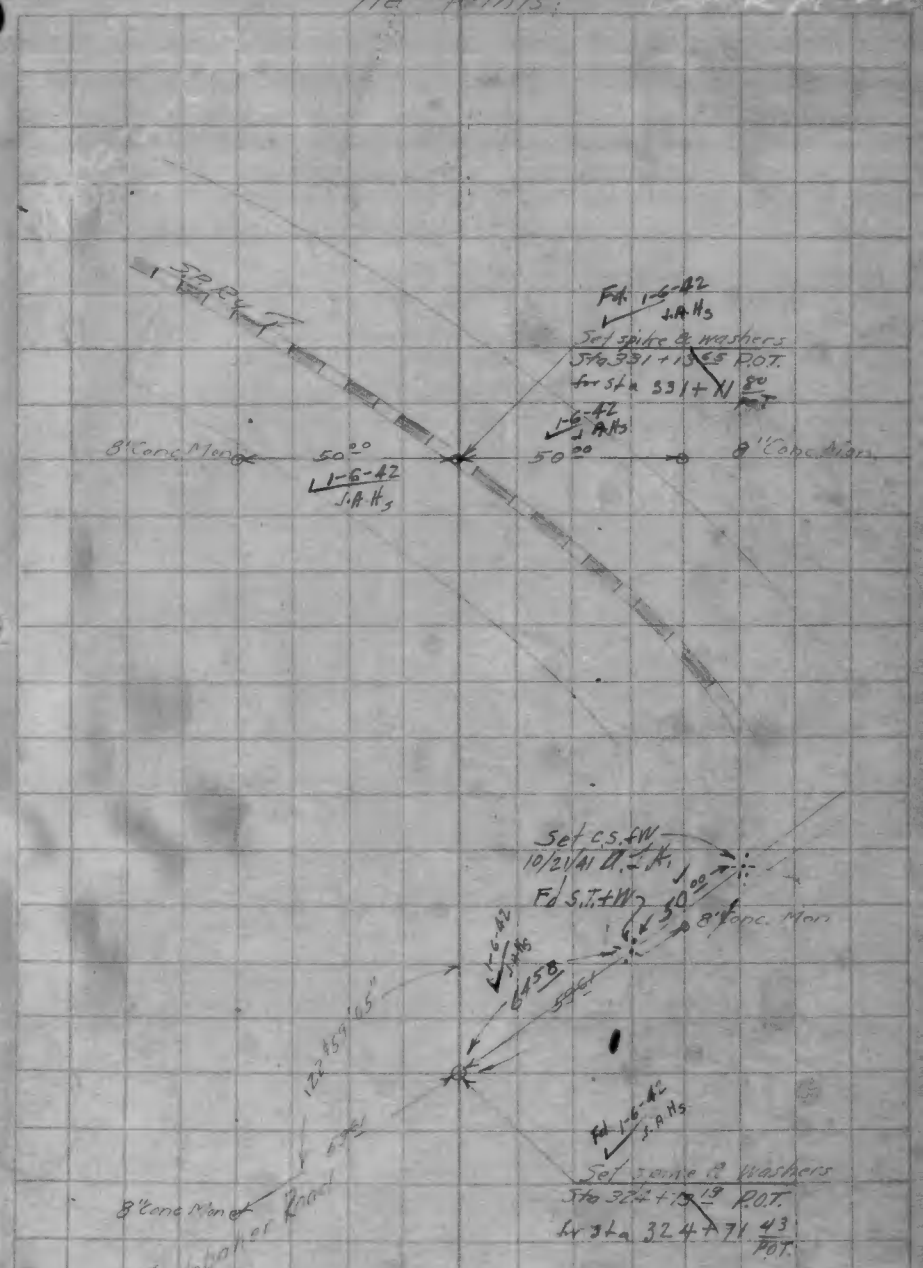
5 57-07-10 E

324+71.43 J.A.H. 1-9-42

324+71.19 P.O.T. Spike & 2 washers in part.

Chd 324+71.28 @ 78° ℄ Studebaker Road

(549.19 Rec.) 547.96 @ 78° + 0.05 549.01 @ 64° Meas + used Book



STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Co. LA Rt. 174 Sec. 8 Date 12-10-34 Page 6

Constr. Line

Station

See Note Pg 1. JAH

(1071.48 Rec.) Chd 1071.19 @ 90° + 0.11 Meas 1071.30 Used

345+51.07 POT

~~345+53~~ P.O.T. Spike & 2 washers in pav't

Chd 345+50.97 @ 74° 1-10-42

74°

(831.00 Record) Chd 830.90 @ 74° + 0.6 830.76 Used Rec of 831.00

S 57-07-10 E

337+20.07 P.O.T.

~~337+22~~ P.O.T. Spike & 2 washers in pav't

Chd 337+20.07 @ 78°

Tie points

8" Concrete Mon. ← 50.00 → ← 50.00 → 8" Conc Mon.

90°

1-10-42 JAH

Fd Mon Disturbed N.G. 1-10-42 JAH

Set spike & washers Sta 345+~~53~~ P.O.T.

Set PM in N+F 1-14-42 JAH for Sta 345+51.07 POT JAH

Fd 1-9-42 8" Conc Mon. ← 50.00 → ← 50.00 → 8" Conc. Mon. Fd 1-9-42

50.04 J.A.H.

1-9-42 J.A.H. 4998

Reset 1-9-42 J.A.H.

Set spike & washers Sta 337+~~22~~ P.O.T. for Sta 337+20.07 POT JAH

STATE OF CALIFORNIA

Const. Line

Station

See Note Page 34

358+40 57 P.O.T.

358+42 ~~48~~ P.O.T. { Spike & 2 washers in pav't

Chd 358+40 69 @ 55° 1-13-42 { ℄ Imperial Hiway

vs

(218.20 Record)

218.23 @ 55'
- 01
218.22 @ 64'
(Used Rec) 1-13-42

S 57-07-10 E

356+22 37 P.O.T.

356+22 ~~48~~ P.O.T. { Spike & 2 washers in pav't

Chd 356+22 26 @ 80° { ℄ Day & Orr Road

DIVISION OF HIGHWAYS

Co. L.A. Rt. 174 Sec. B Date 12-11-34 Page 7

Tie points

STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Const. Line

Station

See Note Pg 1

Co. LA Rt. 17 Sec. B

Date 12-11-34 Page 8

Tie points

371+91.29 P.I. See Back pg 8

371+93.40 POT. Spike & Washers in pav't

63° Chained 371+91.31 @ 61½°

(777.99 Rec.)

778.01 @ 61½°

-.01

778.00 @ 64°

Used Rec.

61½°

S 57-07-16 E

18-6°

60°

364+13.30 P.O.T

364+13.30 POT Spike & 2 washers in pav't

Chd 364+13.30 @ 58½°

(572.73 Rec.)

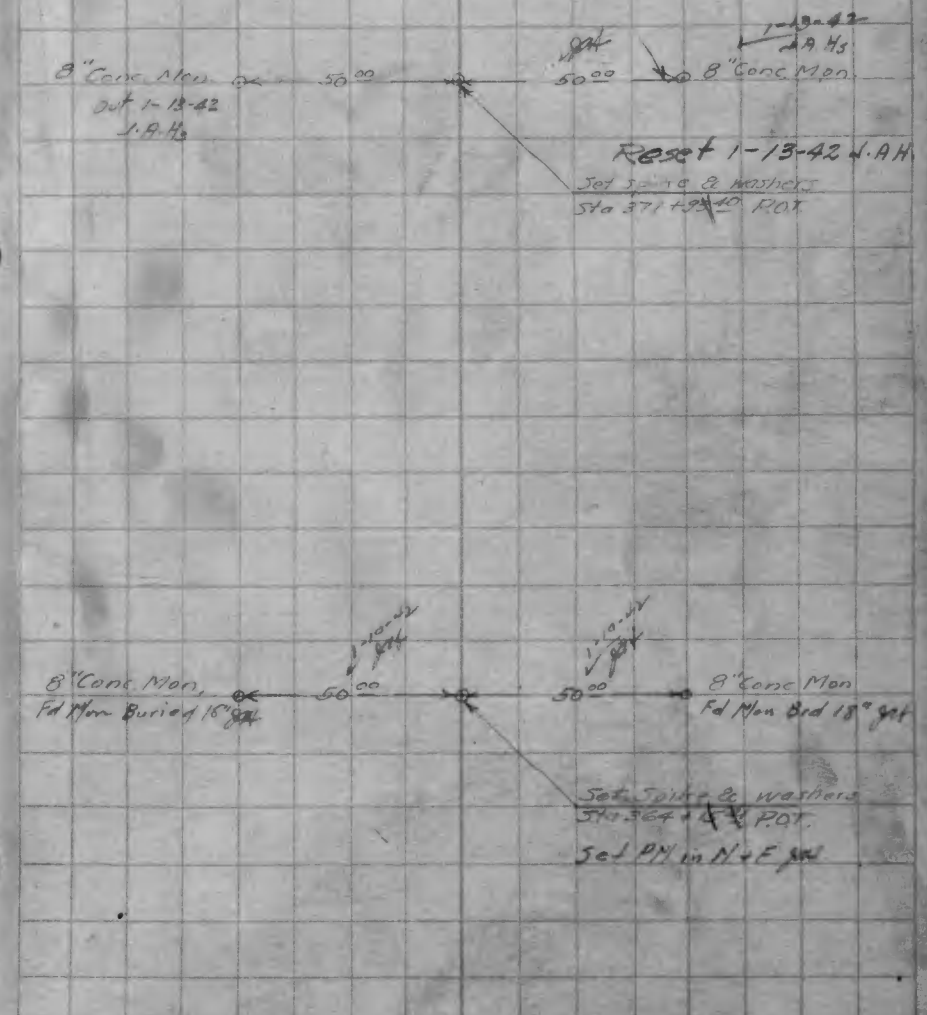
572.73 @ 58½°

-.02

572.71 @ 64°

Used Rec.

58½°



STATE OF CALIFORNIA

Constr. Line

Station

See Note Pg 1 ~~94~~

I = 0°01'30" Rt.
A = 0°08'00"
B = 0°12'30"
Turned Δ = 0°01'33¾" Rt.

387+77.23 P.I.

387+7~~7.23~~ P.I. Spike & 2 washers in pavt.
Chained 387+77.21 @ 68°
68° ℄ Pioneer Blvd

(802.77 Rec.)
802.75 @ 68°
0.02
802.77 @ 64° ℄ Rec.

S 57-05-55 E Bk
= S 57-08-25 E Ah

S 57-07-10 E

68°

379+74.46 P.I. See Back pg 8

379+~~76.66~~ P.O.T. Spike & 2 washers in pavt.
Chd 379+74.46 @ 64°

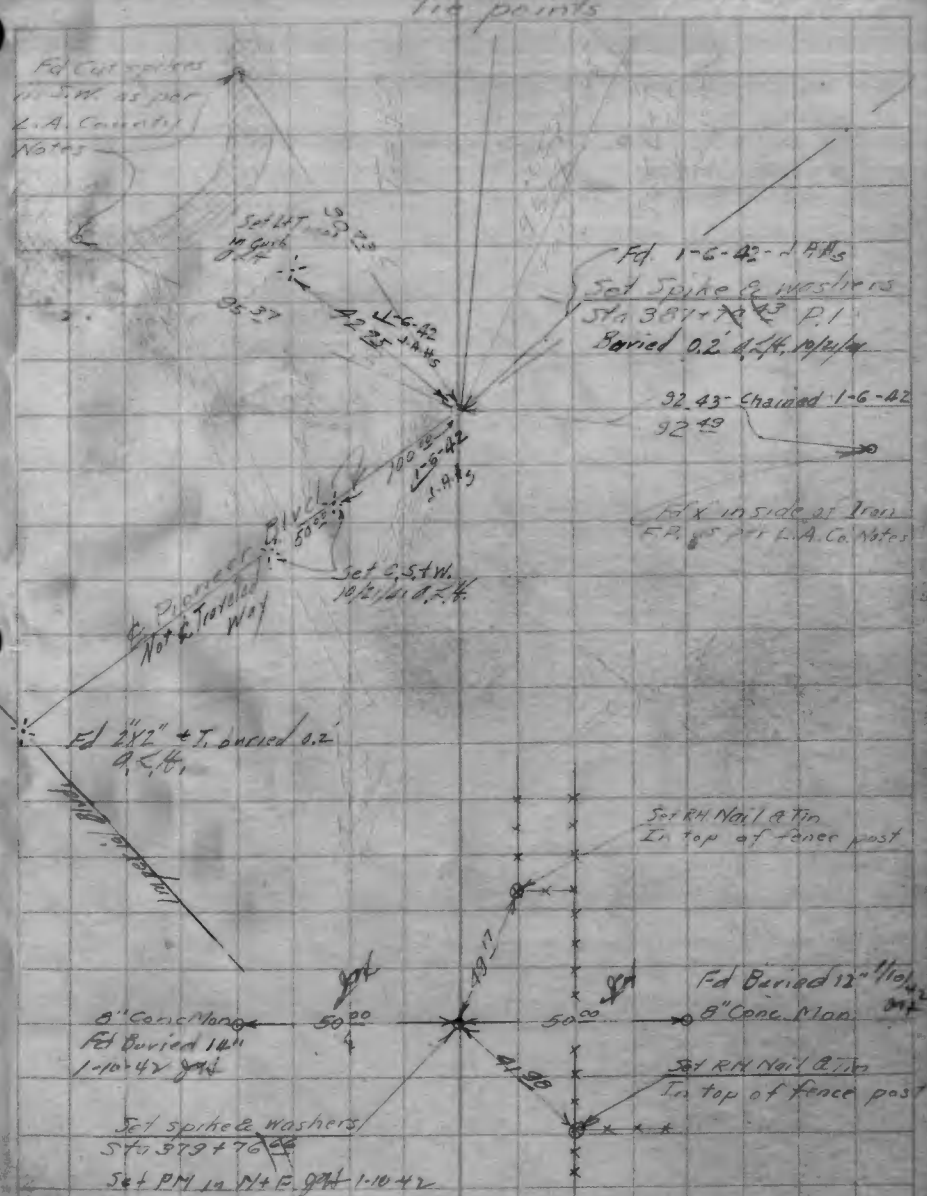
(783.26 Rec.)
783.17 @ 64°
meas & used

64°

DIVISION OF HIGHWAYS

Co. L.A. Rt. 74 Sec. B Date 12-11-34 Page 9

Tie points



STATE OF CALIFORNIA

Const. Line

Station

See Note Pg 1

404+35.73 P.O.T.

404+37 P.O.T.
Chained 404+35.72 @ 73°
Spike & 2 washers in part
℄ Mercantile place

(554.76 Rec)
554.66 @ 73°
+0.03
Used 554.69 @ 64°

S 67-08-25 E

398+81.04 P.O.T.
S & T is ut. of our line.
(Missed S.&T. 0.02 Rt.)
1-13-42.

398+83 P.O.T.
Chained 398+80.98 @ 72½
℄ Paddison Ave

74°

(1102.60 Rec) L
1103.75 @ 72½°
+0.06.
1103.81 @ 64° used

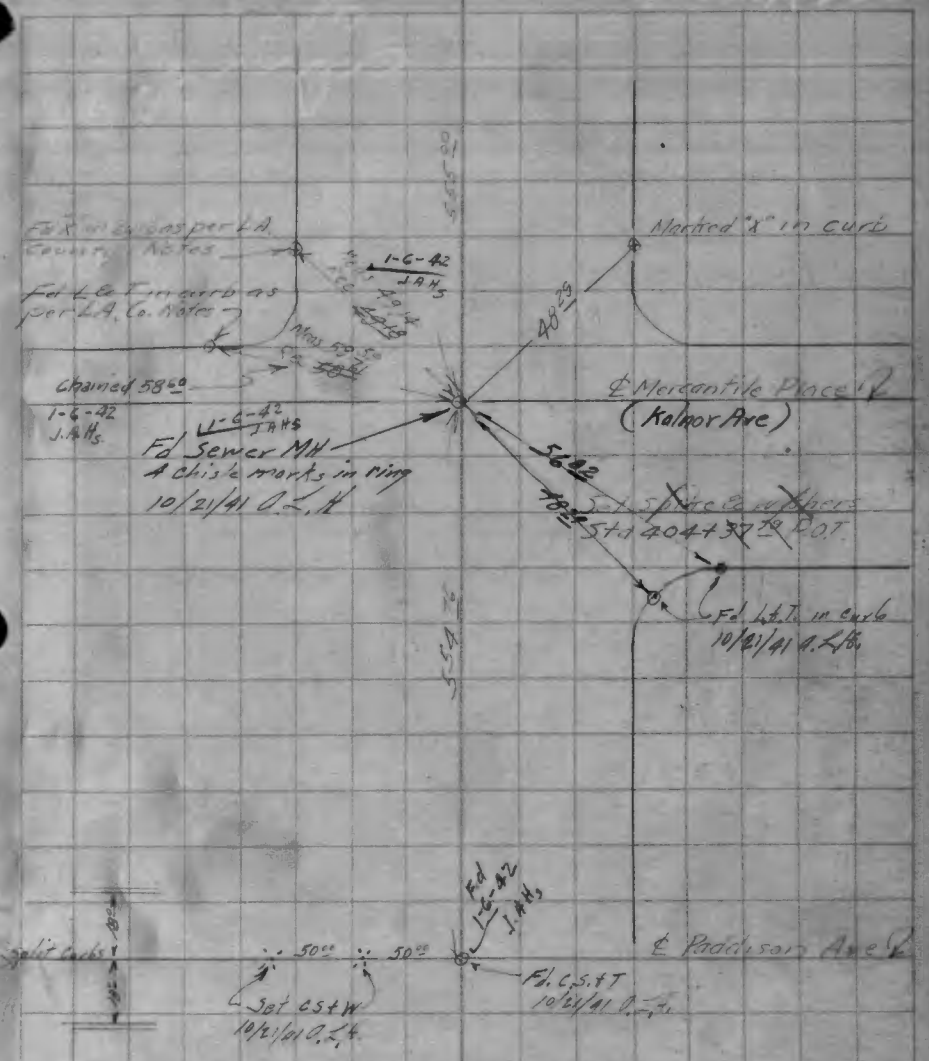
71°

DIVISION OF HIGHWAYS

Co. LA Rt. 174 Sec. B

Date 12-11-34 Page 10

Fd L & A-7-5



STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Constr. Line

Station

See Note Pg 1 Rt

415+02.90 P.O.T.

415+04.89 P.O.T. { Spike & 2 washers
chained 415+02.90 @ 75° { ℄ Second St

(512.01 - Rec.)
512.01 @ 75°
+.04
512.05 @ 64° 1/5
(Used Rec.)

S 57°08'15" E

Turned 1-0°00'30"
Δ = 0°02'
β = 0°04'30" ✓
Δ 0°00'33¾" Rt.

409+90.89 P.I.

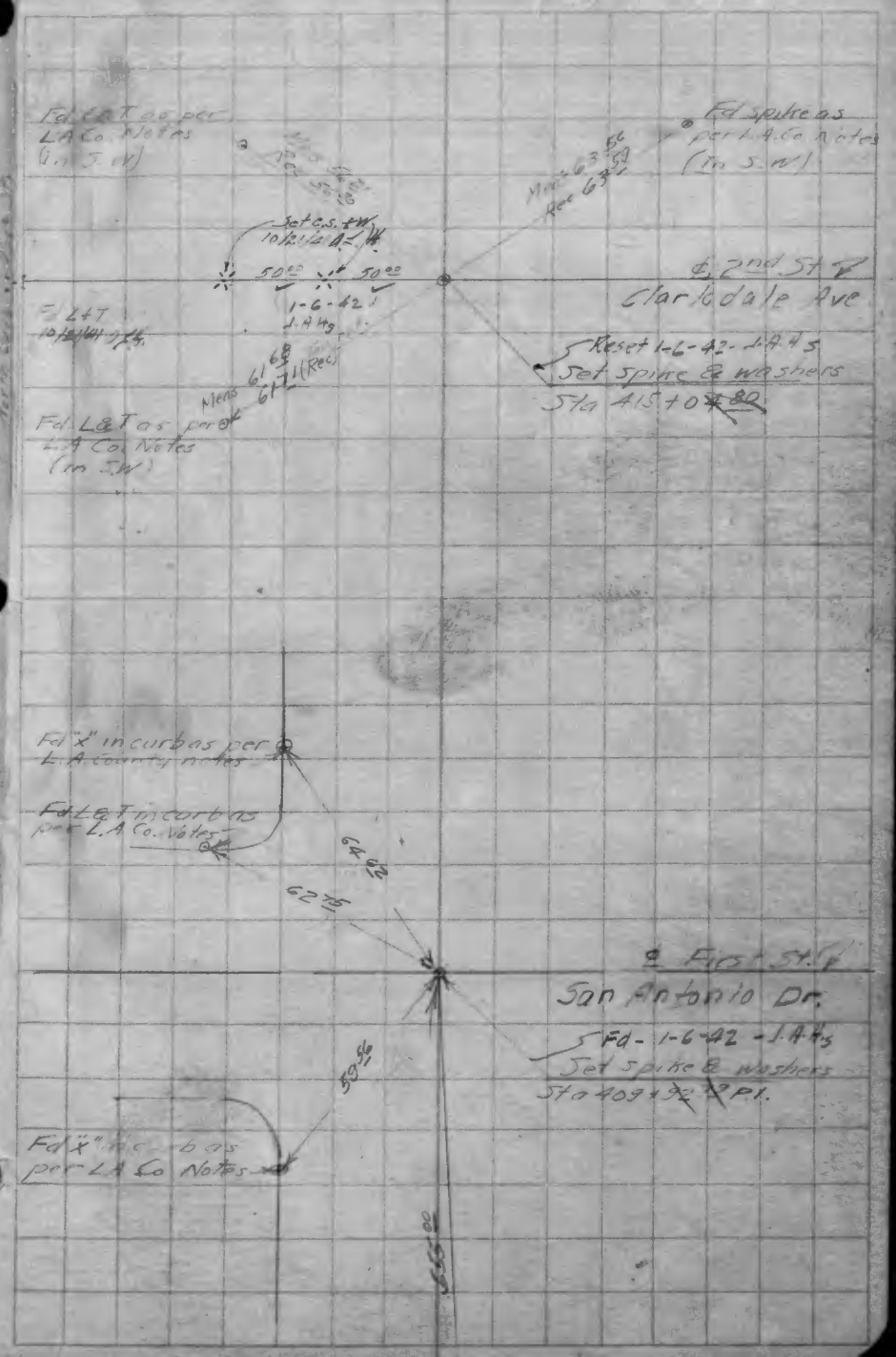
409+92.94 P.I. { Spike & 2 washers
chained 409+90.85 @ 75° { ℄ First St

75°

(555.00 - Rec.)
555.12 @ 75°
+0.04
555.16 @ 64°

S 57-08-25 E

Co. LA Rt. 124 Sec. B Date 12-11-34 Page 11



STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Co. LA Rt. 74 Sec. B Date 12-11-39 Page 12

Constr Line

Station

See Note Pg 1 Bk

425+28 01 P.O.T.

425+29 39 POT Spike, tin & washer in pavt.
ch. 425+27.97 @ 75°

Note: this point does not check ℄ of 4th St as established by intersects. Record measurements between outside ⅊ points check flat.

℄ cuts.

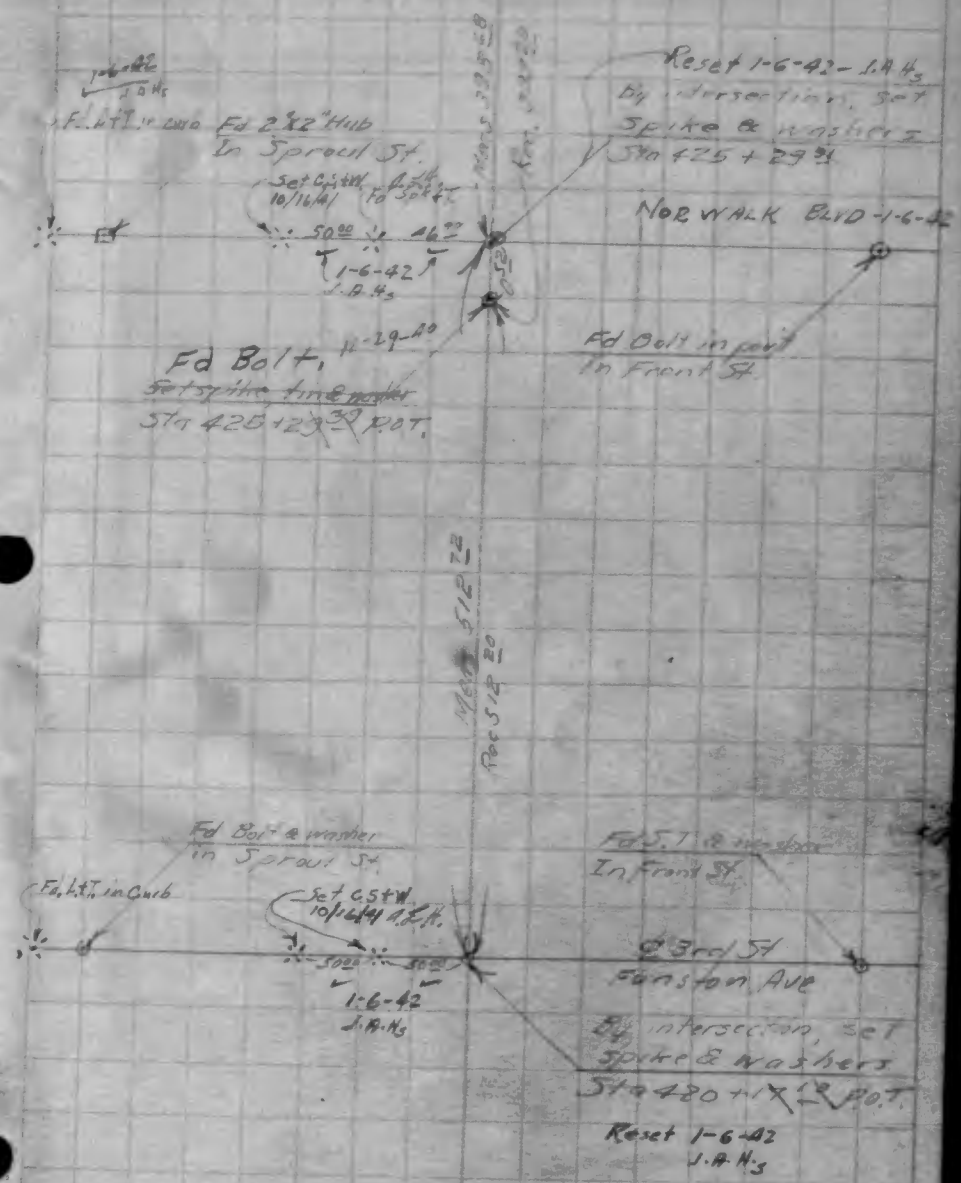
(512.20 rec.)
ch. 512.42 @ 75°
+ .04
512.72 @ 64°

420+15 29 P.O.T.

420+15 19 P.O.T.
ch. 420+15 24 @ 75°

(512.39 rec.)
ch. 512.34 @ 75°
+ .04
512.38 @ 64°
(Used Rec.)

S 57-02-05 E



STATE OF CALIFORNIA — DIVISION OF HIGHWAYS

Co. LA Rt. 174 Sec. 15 — Date 12-11-34 Page 13

Const. Line

Station — See Note 2-1-44

62°

(1501.69 Rec.)
1501.60 @ 67½°
+ 0.03
1501.63 @ 64°
(Used Rec.)

68

435+22.93 P.O.T.

~~435+25~~ 435+22.93 P.O.T. — Spike & lead washer in post

Chained 435+22.91 @ 69°

64

(596.41 Rec.)
596.19 @ 69°
+ 0.02
596.21 @ 64°

69

429+26.72 P.O.T.

~~429+28~~ 429+26.72 P.O.T. — Spike & 2 washers in post

Chd 429+26.70 @ 71°

(398.26 Rec.)
398.63 @ 71°
+ .02
398.71 @ 64°

Tie points

Note: Set Spikes & washers on surface from 435+25 to 429+

1501.69 Plan
1501.68 Mea 12-6-40
Collins

Set spike & washer & Punch hole on surface (0.15' long) Hubbard & Perry 1-28-37

8" Conc Mon — 49.98 / 50.00 — 50.01 / 50.00 — 8" Conc Mon

Set spike & washers Sta 435+25 P.O.T.

NOTE: In Dec. 1936 0.17' A.C. Pavt. added to Existing Pavt. from Sta. 430+10 to 449+06. Hubbard 12/8/36

~~Therefore 6 Points are all under surface~~

596.41 Plan
596.21 Mea 12-6-40
Collins

8" Conc Mon — J.A.B. 1-6-42 Meas. 49.99 / 50.00 — J.A.B. 1-6-42 Meas. 49.99 / 50.00 — 8" Conc Mon

Set spike & washers Sta 429+26 P.O.T.
Reset 1-6-42 - J.A.B.

STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Co. LA Rt. 174 Sec. D Date 12-15-34 Page 14

Line

Station

See Note Pg 1, 974

453+70.14 Fd Spk. & Washer Marked P.I. 0.005 Rt of out back tan produced.

See note page 13

133.16 @ 76°

133.17 @ 64° 1-14-42 JAH

75°

457+36.97 P.O.T. See 7 on back JAH

457+ P.O.T. Spike & 2 washers in point

Chd. 457+36.90 @ 80° ℄ Rosecrans Blvd

(712.50 Rec)

712.23 @ 80°

+0.07

712.85 @ 64°

S 57-04-05 E

450+24.62 P.O.T.

set

450+24 P.O.T. Spike & Washer on point

Chd. 450+24.53 @ 67½° ℄ Butler Road

Bloomfield Ave.

Fd 2x2 ℄ Shoemaker Rd.

33°21

Mag 12-6-40 Collins

50' nails for 700' int

℄ Rosecrans Blvd

475.50 plan

475.56 Mag 12-6-40 Collins

Fd Dupt up 1-6-42 - J.A.H.S.

Set spike & washers Sta 457+36.90 P.O.T.

8" Conc Mon

50.00

1-6-42 J.A.H.S.

Set C.S.&W. 10/16/41 A.C.H.

Set Cut Spk with Punch hole & washer (0.15' long) 1/28/37 Hubbard & Fry

52.19

50' Nails @ 100' int

Bloomfield Ave

142.29

712.50 plan

712.98 Mag 12-6-40 Collins

90°02'50"

Mag 12-6-40 Collins

Fd Spk

196.57

Fd C.S.&W. 10/16/41 A.C.H.

L+T in HW

Set Cut Spk & Washer (0.15' long) with punch mark 1/28/37 Hubbard & Fry

Set C.S.&W. 10/16/41 A.C.H.

40.00

39.16

50.00

50.00

1-6-42 J.A.H.S.

8" Conc Mon

Set Spike & washer Sta 450+24.62 Fd. 1-6-42 J.A.H.S.

(Page 42)

Bloomfield Ave

50' Nails @ 100' int for 1200'

56°36'10"

Mag 12-6-40 Collins

Fd C.S.&W. 10/16/41 A.C.H.

Front St.

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Center Line

Station

Co. LA Rt. 174 Sec. B Date 12-15-34 Page 15

75° See Note Pg. 1 Cal

See notes page 13

73°

473+01.35 P.O.T. See Calc on Back Page #15

473+03.39 P.O.T. Spike & 2 washers in pole

Chd. 473+01.20' @ 67°

(1088.70' Rec)

1088.65 @ 67°
+.02
1088.67 @ 64°
(USE REC)

67°

— 464+75.22 @ 67° Fd 5 & W. 0.05 Rt. of our Line

Marked EC. 539+28.69 EC.

5 57-04-15 E

1-15-42 J.H.H.

462+12.55' P.T. See Calc. on Back Page #15

462+14.49 P.O.T. Spike & 2 washers in pole

Chd. 462+12.52' @ 74°

475.50 Rec.

475.55 @ 74°
+.03
475.58 @ 64°

The points [illegible]

1036.13 plan
1036.11 Mea 12-6-40 Cal. Inc.

(0.05' long)
Set Cut Spk. with punch hole & washer 1/29/37
Hudson & Hay

8" Conc Mon 50.00 1-15-42 J.H.H. 50.00 8" Conc Mon

Set Spike & washers Sta 473+03.39 POT

1088.70 plan
1088.63 Mea 12-6-40 Cal. Inc.

Set Cut Spk. with Punch hole (0.15' long) & washer 1/29/37 Hudson & Hay.

8" Conc Mon 50.00 Set 50.00 8" Conc Mon

Set Spike & washers Sta 462+14.49 POT
Fd 1-15-42 JAP

STATE OF CALIFORNIA

Constr Line

Station

See Note P91, 94

(1628.34 Rec)

1628.92 @ 78°
+ 0.42
1628.47 @ 64°

78°

498+80.39 P.O.T. See Calc. Back Page #17

Set
499+82 P.O.T. Spike & 2 washers in post

Chd 498+80.36 @ 78°

78°

(1543.01 Rec)

1542.99 @ 78°
+ 0.14
1543.12 @ 64°
(Use Rec)

See note page 13

S 57-01-15 E

483+37.38 P.O.T. See Calc on Back of This Page

Set
483+37.38 P.O.T. Spike & 2 washers in post

Chd 483+37.28 @ 74°

(1036.12 Rec)

1036.03 @ 74
+ 0.7
1036.10 @ 64°
(Use Rec)

DIVISION OF HIGHWAYS

Co. LA Rt. 174 Sec. E Date 12-15-34 Page 16

Tie points

1628.24 plan
1628.21 Meas 12-6-40 Ceiling

8" Conc Mon 50.00 1-7-42 50.00 8" Conc Mon

Reset 1-7-42 J.H.S.
Set spike & washers
Sta 498+80.39 P.O.T.

1543.01 plan
1543.05 Meas 12-6-40 Ceiling

S 57° 15' 30"
Rec

Set Spike (2½" long) with punch
Bolt & Washer 29.57 Hubbard & Ply

Fd Spike & Washer
0.74

8" Conc Mon 50.00 1-6-42 J.H.S. 50.00 8" Conc Mon

Stc S+W
10/6/41 J.H.S.

1-6-42 J.H.S.

L+Tin HW

Set spike & washers
Sta 483+37.38 P.O.T.
Reset 1-6-42 J.H.S.

Set N 8 100' L+Tin HW

Fd 2½" 2 Nails

STATE OF CALIFORNIA

Const. Line

Station

See Note Pg 1944.

532+98.48 P.O.T.

SE

538+00 POT Spike & 2 washers in pav't

Chd 532+48.38 @ 15°

(1362.10 Record) 1362.15 @ 0° +0.10 1362.25 @ 6°

519+36.19 P.O.T.

519-30 POT Spike & 2 washers in pav't

Chd 519+30.13 @ 75°

(427.73 Record) 427.67 @ 75° +0.03 427.70 @ 6°

(Use Record)

S 57-18-15 E

515+08.46 P.O.T. See Calc. Book Page #17

set 515+25 35 offset

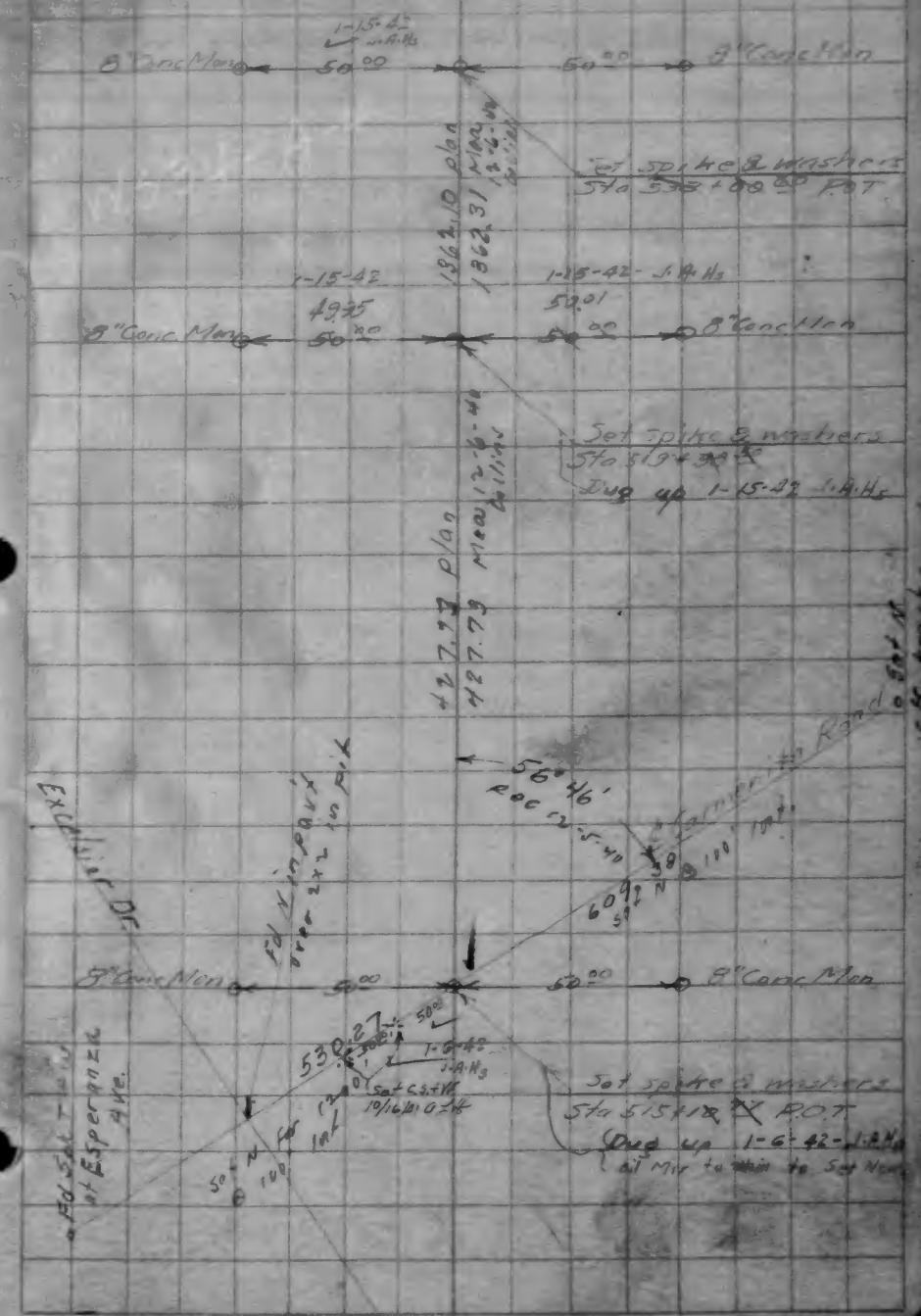
515+10 P.O.T. Spike & 2 washers in pav't

Chd 515+08.31 @ 78° (Composite Road.

DIVISION OF HIGHWAYS

Co. LA Rt. Sec 8 Date 12-15-34 Page 17

Tie points



STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Co. LA Rt. 14 Sec. B Date 12-17-34 Page 15

Constr. Line

Station

(696.16 Rec.)

696.17 @ 60°
-0.02
696.15 @ 60°
(Use Rec.)

546+68.65 P.O.T.

546+70.98 P.O.T.
Ch. 546+68.74 @ 58°
Spike & 2 washers in pavt
℄ Marquardt - (unimproved)

Set 546+50.00

(784.35 Rec.)

784.35 @ 47°
584.44 @ 58°
-0.02
584.42 @ 64°
199.98 @ 47°
784.40 @ 64°
(Use Rec.)

S 57-18-05 E

538+84.30 P.O.T. See Calc. on Back of Page

53°48'5" P.O.T.
Ch. 538+84.27 @ 72°
Spike & 2 washers in pavt

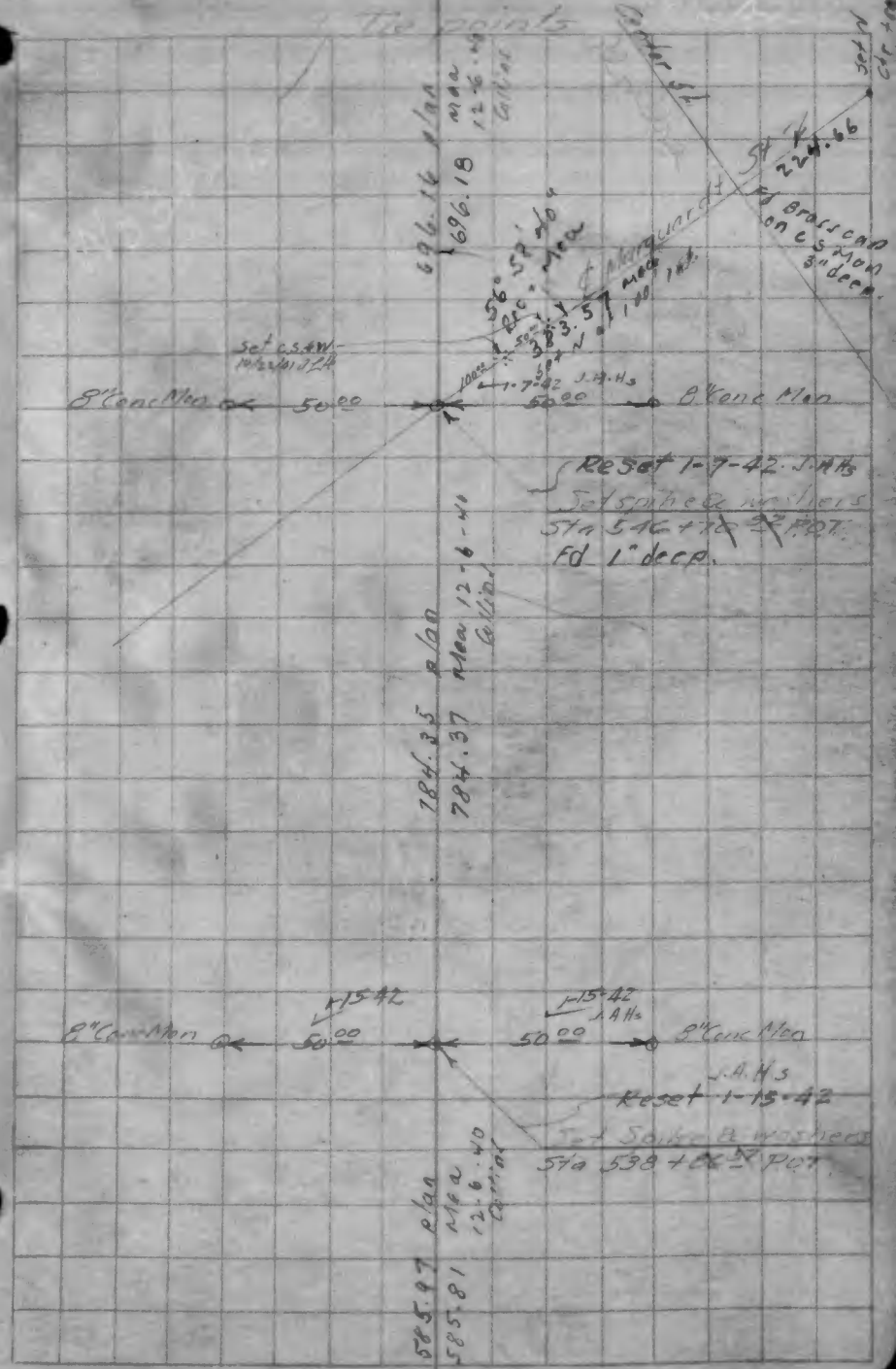
(585.97 Rec.)

585.79 @ 72°
+0.23
586.02 @ 64°

696.16 plan
696.18 Mea 12-6-40 Calc.

784.35 plan
784.37 Mea 12-6-40 Calc.

585.97 plan
585.81 Mea 12-6-40 Calc.



STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. LA Rt. 174 Sec. B Date 12-17-34 Page 19

Tie points

Center Line

Station

(1487.51 Rec.)

1497.38 @ 62°
+0.02
1497.36 @ 64°

564+06.80 P.O.T. See Calc. on Back Page #20

564+07 P.O.T. Spike tin & washer in part

Chd. 564+06.74 @ 65°

(1041.99 Rec.)

1041.93 @ 65°
+0.01
1041.94 @ 64°
(USE REC.)

S 57-05-15 E

553+64.81 P.O.T. See Calc. on Back of This Page

553+67 P.O.T. Spike tin & washer in part

Chd. 553+64.81 @ 66°. ℄ Center St.

STATE OF CALIFORNIA — DIVISION OF HIGHWAYS

Constr. Line — Station

Co. LA Rt. 174 Sec. B — Date 12-17-34 Page 20

Tie points

64°

(683.53 Rec.)

683.45 @ 64°
683.45 @ 64°

594+71.29 P.I. ← See Calc. Back Page #21
-0.15

594+71 P.O.T. Spike, tin & washer in part.
Chd. 594+71.70 @ 64°

64°

(1577.63 Rec.)

1577.54 @ 64°
1577.54 @ 64°
(USE REC.)

S 57-08-05 E

578+94.16 P.O.T. ← See Calc. Back of THIS PAGE

578+94 P.O.T. { Spike, tin & washer
Chd. 578+94.18 @ 62° { ℄ Valley view Road.

(Westminster & Whittier Rd)

683.53 plan
683.44 meas 12-6-40 Collins

2" pipe, conc, & Cut spike
~~2" Conc Mon~~
50.00
50.01
J.A.Hs
1-16-42

50.01
50.00

2" Pipe, conc, & Cut spike
℄ Conc Mon

Reset 1-16-42 J.A.Hs
Set Spike, tin & washer
Sta 594+71 P.O.T.

1577.71 plan
1577.55 Meas 12-6-40 Collins

56-25-40 Meas

℄ Valley view Road

612.24
set N @ 100' int

8" Conc Mon
50.00
1-7-42

50.00
1-7-42
8" Conc Mon

Reset 1-7-42 J.A.Hs
Set spike, tin & washer
Sta 578+94 P.O.T.

Center line

1393.87
set N @ 100' int

96.94

Fd Lit

set C. Pin S.&W.
in Fresh Conc. H.W.
1-7-42
J.A.Hs

STATE OF CALIFORNIA

Constr. Line

Station

(1578.69 Rec.) J.A.H. 7-10-42

1579.17 @ 51°
- .13
1578.04 @ 64°

Δ = 0°21'15" Lt.
4 = 1°24'45" = 0°21'11¼"
8 = 2°49'15" = 0°21'09⅜" Lt.

S 57-29-30 E

1-19.44
J.A.H.s

610+64.78 P.I.

610+64.78 P.I. Spike, tin & washer in pavt
Chd 610+64.85 @ 60°
(℄ Holder Ave)

(909.54 Rec.)

909.61 @ 60°
- 0.02
909.59 @ 64°
Lsc Rec.

S 57-08-05 E

See Calc. Back Page #24
- 0.03

601+55.24 P.O.T.

601+57 P.O.T. Spike, tin & washer in pavt
Chd 601+55.24 @ 64°
(℄ 6TH ST.)

DIVISION OF HIGHWAYS

Co. LA Rt. 174 Sec. D Date 12-17-34 Page 21

0°21'25"
Mean Collins 1-7-2-40

1578.69 plan
1578.97
Mean 12-6-40 Collins

Fd 2" I.P. Filled with conc. "Spike" in conc 1-7-42 - J.A.H.s

8" Conc Mon

8°49'25"

1-7-42

50.00

Fd 2" I.P. Filled with conc. "Spike" in conc. 1-7-42 - J.A.H.s

8" Conc Mon

Reset 1-7-42 J.A.H.s.
Set Spike tin & washer
Sta 610+64.78 P.I.

909.54 plan
909.54 Mean 12-6-40 J.A.H.s

Buried 12"
Fd 2" I.P. Filled with conc. "Spike" in Conc. 1-7-42 - J.A.H.s

90°00'

8" Conc Mon

Buried 16"
Fd. 2" I.P. Filled with Conc. "Spike" in conc. 1-7-42 J.A.H.s

8" Conc Mon.

Reset 1-7-42 - J.A.H.s
Set Spike tin & washer
Sta 601+57 P.O.T.

STATE OF CALIFORNIA

Const. Line
Station

S 57-06-30 E

= 0+00 } P.I. ~~P.O.T.~~ Spike tin & washer in post.
642+27.89 } County line

20° 642+27.89 1-19-42 J.A.H.

Chd 642+27.86 @ 67°

1-19-42-J.A.H.

640+55.93 Fd. S&W Marked 640+57.84 BC
0.12' Rt. of our line at a chained
Sta. of 640+55.90 @ 67°

(1583.87 Rec)
1584.04 @ 67°
+ 0.03
1584.07 @ 64°

S 57-09-00 E

Δ = 0°20'45" Rt.
L = 1°13'
R = 2°15'45" = 0°20'43½" Rt.

1-19-42
J.A.H.

626+43.82 P.I.

626+43.82 P.I. Spike tin & washer in post
Chd 626+43.85 @ 51°. Reset 1-29-40
Q. Hines.

(℄ Lemont Ave)

S 57-29-30 E

DIVISION OF HIGHWAYS

Co. LA Rt. 174 Sec. A Date 12-17-34 Page 22

Tie Points

0°02'30"
Mean. Collins
12-2-40

Fd Bolt

158.01

Fd Nail
1.4' Left

Set C.S.&W.
10/16/41 A.K.H.

466.82
Leutweiler Ave.
Fd N @ 100' Int.

Arcadia Ave

1-7-42
J.A.H.

Fd. - 1-7-42-J.A.H.
Set Spike tie & washer
Sta 642+27.89 - LA 174 B
= Sta 0+00 - O.T.L. 174 A

County
County
L.A.

S 60°28'07" E
O.K. - R.A.C.
12-2-40

1583.87 plan
1583.98 Mean 12-6-40
Collins

Set C.S.&W.
10/16/41 A.K.H.

Reset C.S.&W

8" Conc. Mon.
Fd mon
I.P. & Spk
4" deep

50.00

50.00

8" Conc. Mon.
Fd mon. brass cap
4" deep

1-7-42
J.A.H.

Set 2½"

Lemont Ave

56° 48'

Set Spike tie & washer
Sta 626+43.82 P.I.
Reset 11-29-40
by mon ties. Collins
Fd. 1-7-42. J.A.H.

0°20'30"
Mean Collins
12-2-40

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. LA Rt. 166 Sec. A

Corey & Paty

Date 7-29-43 Page 27

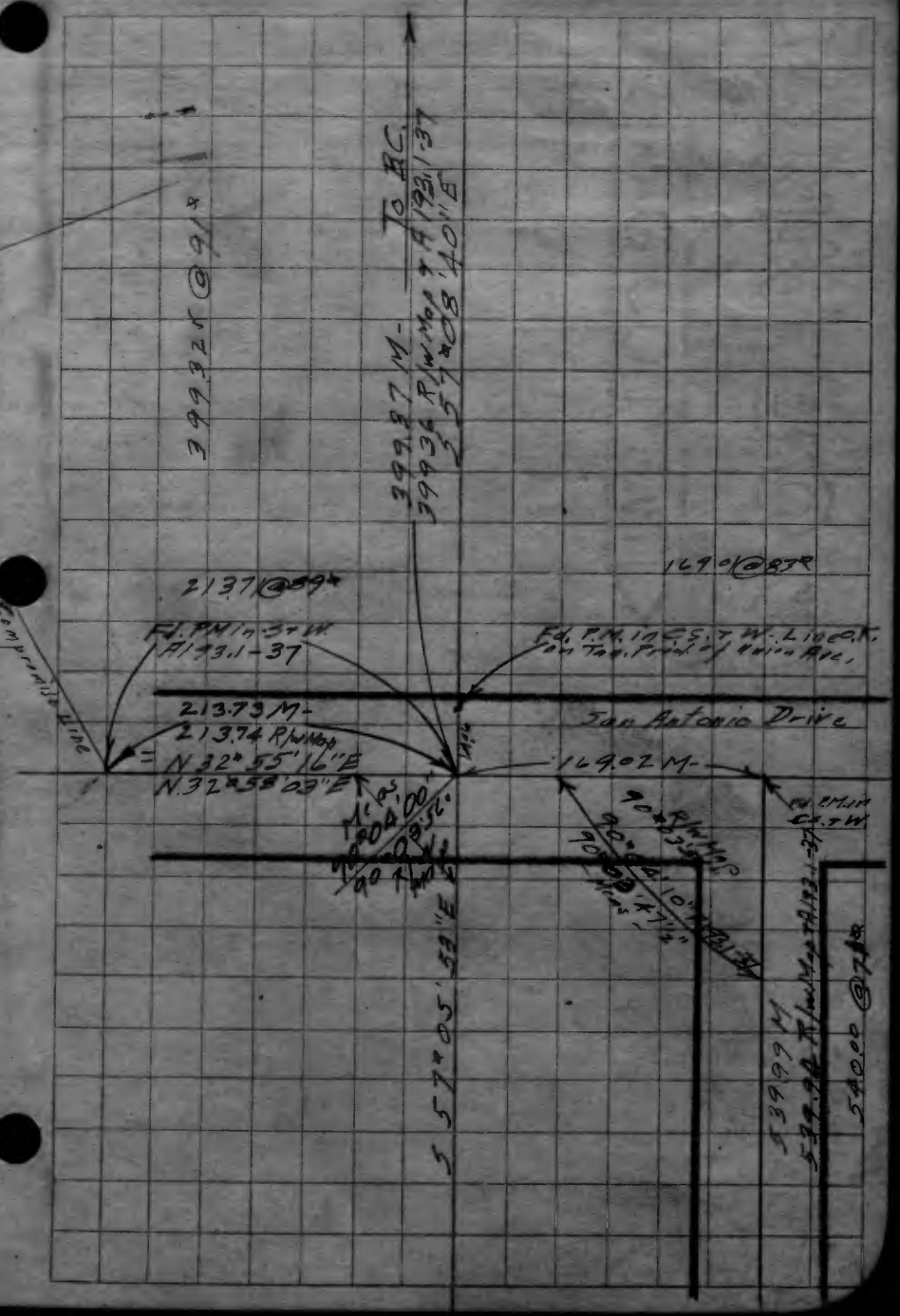
A Line

Station

532+82.97 P.O.T.

S 57°05'55" E = S 57°08'40" E

Bearing Equation

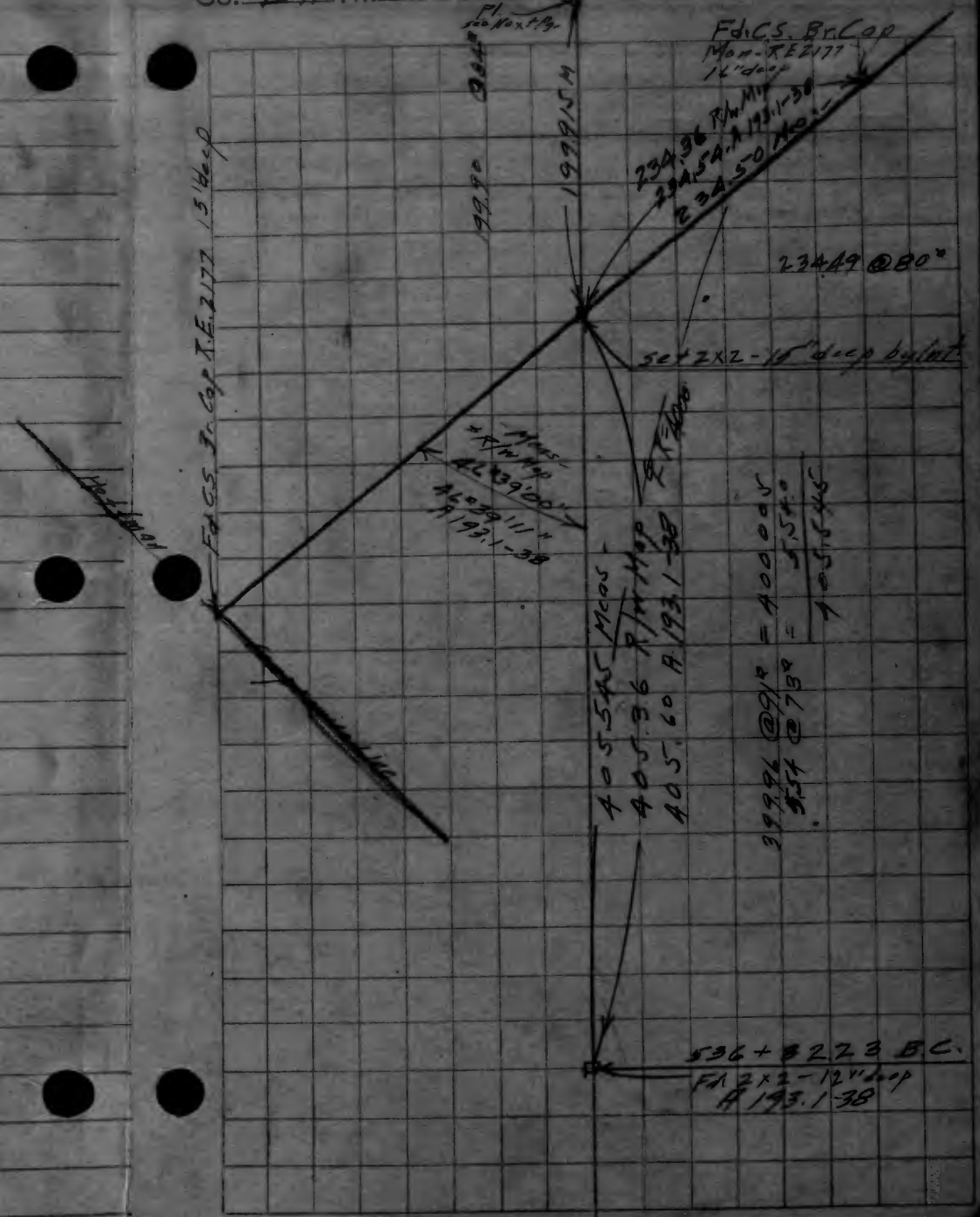


STATE OF CALIFORNIA — DIVISION OF HIGHWAYS

A Line — Co. LA Rt. 166 Sec. A — Date 7-30-42 Page 28

Corey — Crew — Notes
DeLaney — →
Tarwater — H.C.
Curtis — R.C.

Station			
542			3-42.49
			3-21.00
541			2-59.52
		Δ=17-13-00 R=4000 T=605.54 L=1201.95	2-38.03
540			2-16.55
			1-55.06
539			1-33.58
			1-12.09
538			0-50.61
			0-29.12
537			0°-07.64
536+82.23	BC Right		0°-00.0



Santa Ana Freeway

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

A Line

Co. LA Rt. 66 Sec. A 002 Date 7-30-43 Page 29

Station			
+84.18 E.C.		8-36.50	
		8-21.79	
548		8-00.31	
		7-38.82	
547		7-17.34	
		6-55.85	
546		6-34.37	
		6-12.88	
545		5-51.40	
		5-29.91	
544		5-08.43	
		4-46.94	
543 +87.77	R.I. MDOC	4-25.46	Δ=17°13'00" R=4000 T=605.54 L=1201.95 E=45.57
		4-18.25	
+50		4-03.97	

S39°55'40"E

S57°05'33"E

548+84.18 EC
Set 1x2 @ T
08 deep.

548+84.18 EC
Fd rotten 2x2 08 deep
Removed & replaced
on line & dist.

Alfalfa

2336.78 Meas
2336.76 A 193.1-39
2336.99 R/W map

605.58 Meas
605.54 R/W map
605.54 193.1-38

Alfalfa

T 17°13'00" R/W map
17°13'-00" A 193.1-38

Δ=4000

Fd 2x2-12" dol.
P.I. A 193.1-38

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

A Line

Station

Co. LA Rt. 166 Sec. A

L.G. Carey & party
A.L. Heilbach - R. notes
B.W. Hubbard - RC
Curtis RC

Date 9-7-43 Page 30

564+78.415 POT

556+84.79 POT

Grain

2896.75 Meas
2896.76 A 1929.1 - 88
2896.99 RW map

564+78.415 POT
set 1x2 & T 08 deep.

Grain

793.625 Meas

556+84.79 POT
set 2x2 & T 12" deep

Alfalfa

800.61 Meas

548+88.18 EC
1x2 set p 29

Santa Ana Freeway

F.B. 1041-75

F.B. 1041-76

STATE OF CALIFORNIA

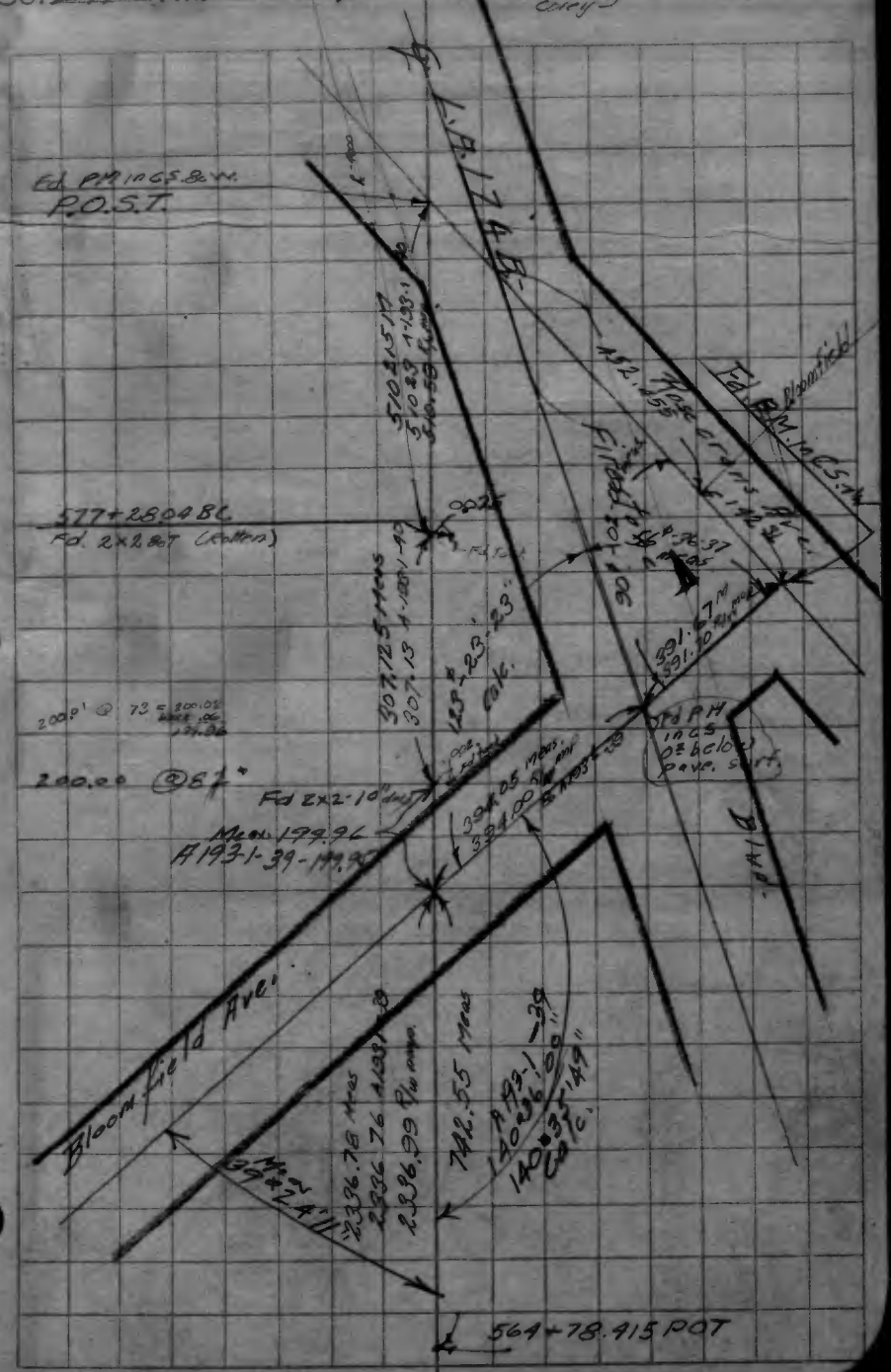
DIVISION OF HIGHWAYS

Co. LA Rt. 166 Sec. A

Date 9-7-43 Page 31

A Line

Station		
see next page.		
579		1-13.88
+50		0-52.40
578		0-30.91
577+50		0-09.48
577+28.04 BC		0-00
572+21.17	P.O.T.	



Santa Ana Freeway

F.B. 1041-77

STATE OF CALIFORNIA

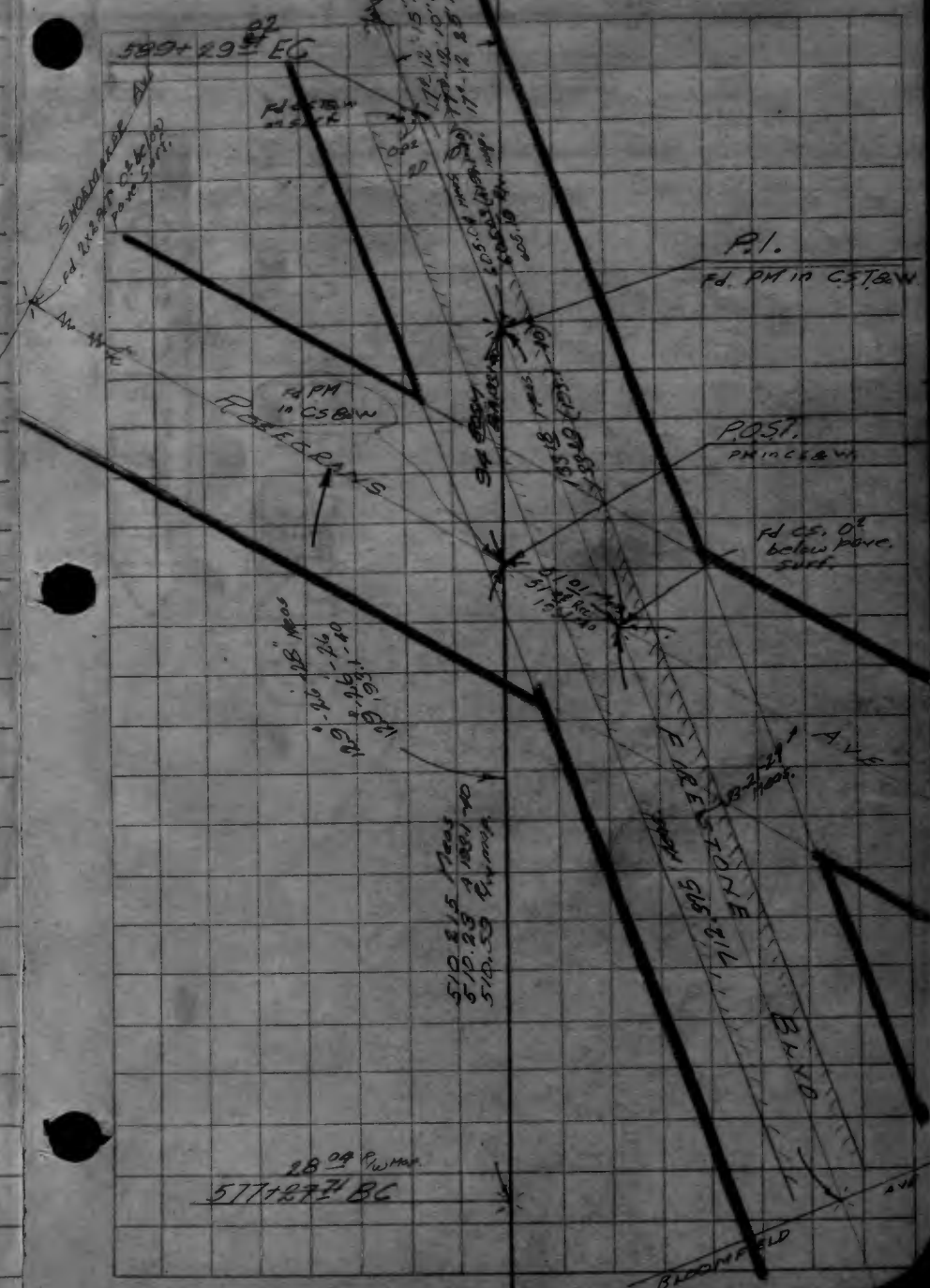
DIVISION OF HIGHWAYS

Co. LA Rt. 166 Sec. A

Date 9-27-43 Page 32

Himelinch & Party
REC. Dr Rankin
V.K. Tarwater
R.W. Curtis

Station	Line		
= 464+77.26		POT Ab. LA-174-B	
589+29.37		EC Bk. LA-166-A	
		EC → 8-36.08	
589 -		8-23.58	
+50		8-02.10	
588 -		7-40.61	
+50		7-19.13	Δ = 17°-12'-10"
587 -		6-57.64	R = 4000
+50		6-36.16	T =
			L = 1200.98
586 -		6-14.67	
+50		5-53.19	
585 -		5-31.70	
+50		5-10.22	
584 -		4-48.73	
+50		4-27.25	
583 -		4-05.76	
+50		3-44.28	
582 -		3-22.79	
+50		3-01.31	
581 -		2-39.82	
+50		2-18.34	
580 -		1-56.85	
+50		1-35.37	
579 -		1-13.88	



Santa Ana Freeway

STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

E Line

Station

Co. L.A. Rt. 168 Sec. B

Date 7-9-35 Page 1

Clear - warm

Temp. 82° Average

Std pull on chain 22 lbs

Std. Temp. 68°

A.E. Lamb - chief

H.F. Meinke - ~~A~~ - Notes

B.V. Hauger - chain

255

109 42 P.O.T.

254

Fd. S. & W. on Tract Line ⊕ P.O.T.

253

N 27°51' E 597.69

252

251

N 27°51' E

250(+50) P.O.T.

90°00'

set S. & Tin

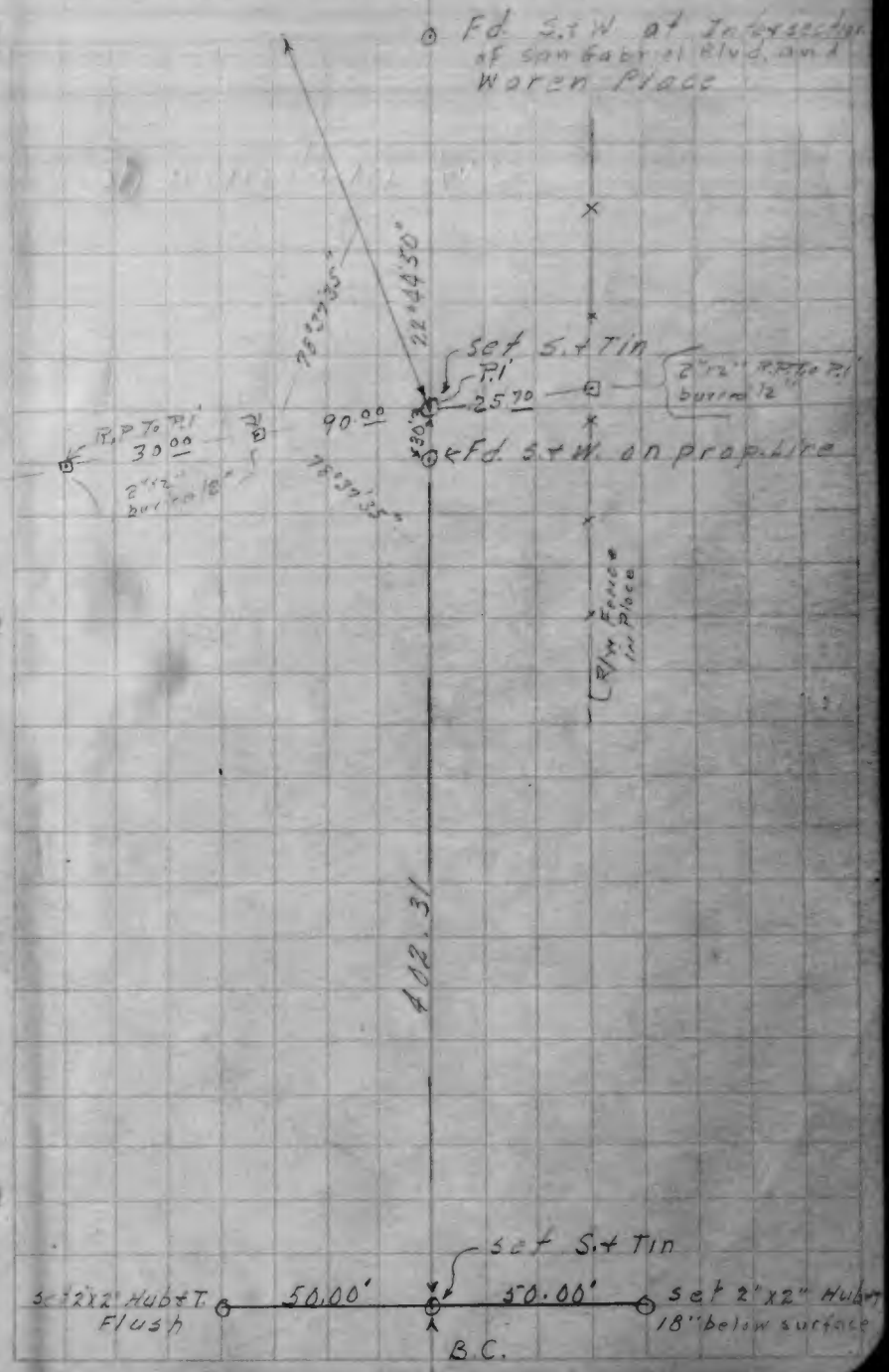
set 2½" Hub & T. 12' below surface ⊙ 150.00' ⊙ 40.00' ⊙ set 2½" Hub & T.

Rosemead Blvd.

STATE OF CALIFORNIA — DIVISION OF HIGHWAYS

Co. L.A. Rt. 168 Sec. B — Date 7-9-55 Page 2

Station	Align	Deflection Lt.	Deflection Rt.	True Bearing
+55.17	BCR			
+50		7°56.7'	✓	
+25		7°33.2'	✓	
261		7°11.7'	✓	N5°06'10"E
+83.21	BCC	6°51.3'		
+75		6°50.2'	✓	
+13.40	INT. CURV	6°40.2'		
+50		6°28.7'	✓	
+25		6°07.3'	✓	
+14.97	BCR	5°57.7'		
260+80	P.I.	5°45.8'	Δ 22°44'50" Lt.	
+75		5°24.3'	R=2000'	
+50		5°02.8'	T=402.31'	
+25		4°41.3'	L=794.05'	
259		4°19.8'	Ext. +0.06	
+75		3°58.3'	def per ft .85944	
+50		3°36.8'		
+25		3°15.4'		
258		2°53.9'		N27°51'E
+75		2°32.4'		
+50		2°10.9'		
+25		1°49.4'		
257		1°27.9'		
+75		1°06.7'		
+50		0°45.2'		
+25		0°23.7'		
256		0°02'		
+97.69	B.C.	0°00'		



STATE OF CALIFORNIA DIVISION OF HIGHWAYS

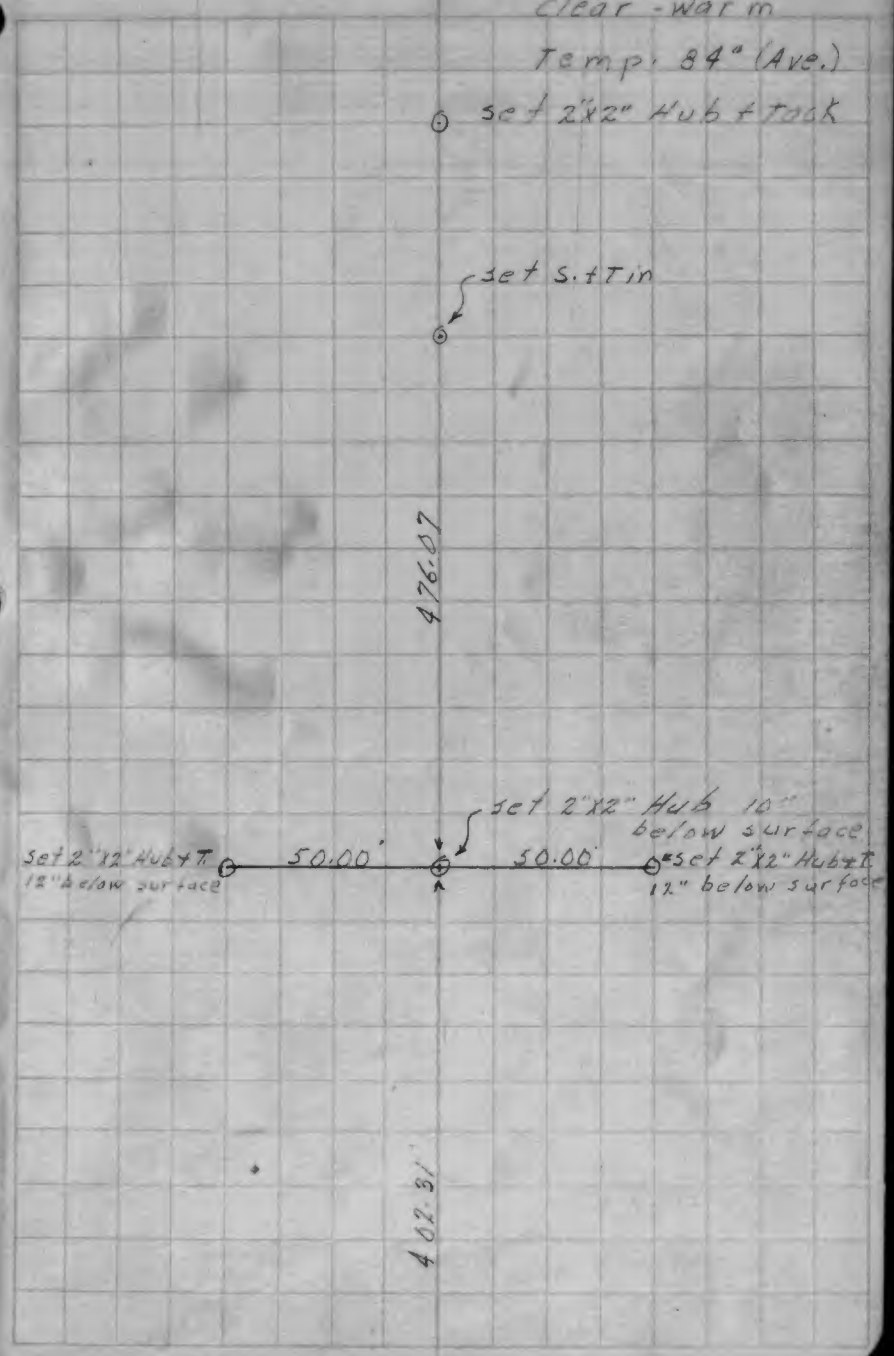
B. Line

Co. L.A. Rt. 168 Sec. B Date 7-10-35 Page 3

Station	Align	Deflection Lt.	Deflection Rt.	True Bearing
+26.70	P.O.T.			
267				
+18.04	P.O.T.			
266				
265				
				N5°06'10"E
264				
+91.72	E.C.	11°22.4'		
+75		11°08.1'		
+50		10°46.6'		
		10°25.1'		
263		10°03.6'		
		9°42.1'		
+50		9°20.6'		
		8°59.1'		
262		8°37.6' ✓		
+82.16	BCR	8°22.4'		
+75		8°16.2' ✓		

clear - warm

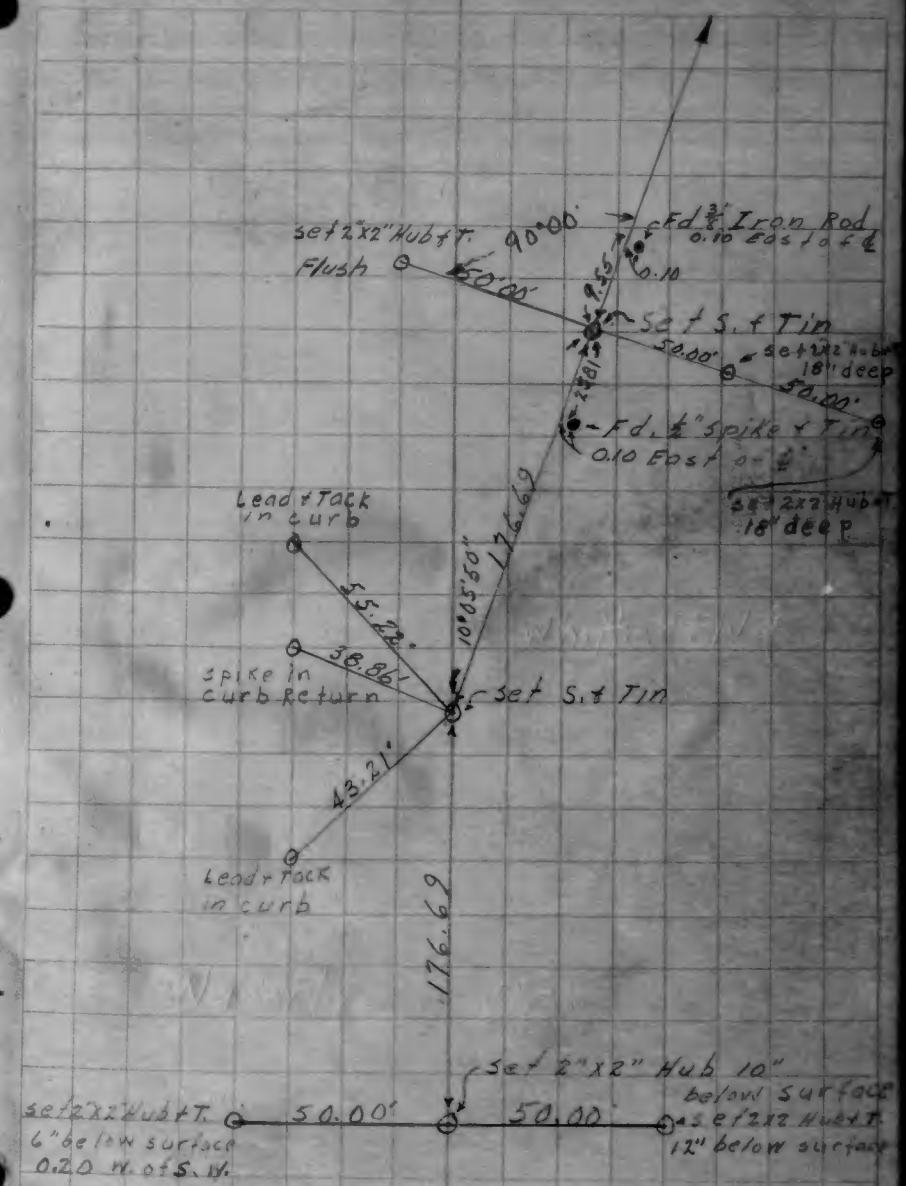
Temp: 84° (Ave.)



STATE OF CALIFORNIA — DIVISION OF HIGHWAYS

B Line — Co. L.A. Rt. 168 Sec. B — Date 7-10-35 Page 4

Station	Align	Deflection Lt.	Deflection Rt.	True Bearing
273				
+20.25	E.C.		5°02'55"	
272			4°43.5'	
+50			4°02.5'	
271			3°19.6'	N15°12'E
(+68.12 EC B, +68.12 Rec. "B")				
+50			2°36.6'	
+44.48	P.I.	Δ 10°05'50" Rt.		
270		R=2000'	1°53.6'	
		T=176.69'		
+50		L=352.46'	1°10.7'	N5°06'10"E
		Ext. 7.79		
269		(d. per ft. .85944)	0°27.2'	
+67.29	B.C.		0°00'	
268				



6 STATE OF CALIFORNIA DIVISION OF HIGHWAYS 9

Co. L.A. Rte. 18 Sec. 5 Date 7-11-55 Party E

Clear - hot

Temp. 82° F

Station	Line				
279					
278					
+46.31	P.O.T.				
277				N15°12'E	
276					
275					
274					

Fd. Nail - Tin

P.O.T.

Apparent Int. of S.G. Pk and S.G. Blvd.

931.55

Rosecrans Blvd

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

B Line

Co. LA Rt. 166 Sec. B Date 7-17-35 Page 6

Station

285

284

283

N15°12'15"E

282

+51 78 P.I. Δ 0°00'15" Rt

281

N15°12'E

+50 62

280

+90 78

Fd S. & W.
Inter. of Union St. &
San Gabriel Blvd.

Set S & Tin (No. R/W of R.R.)

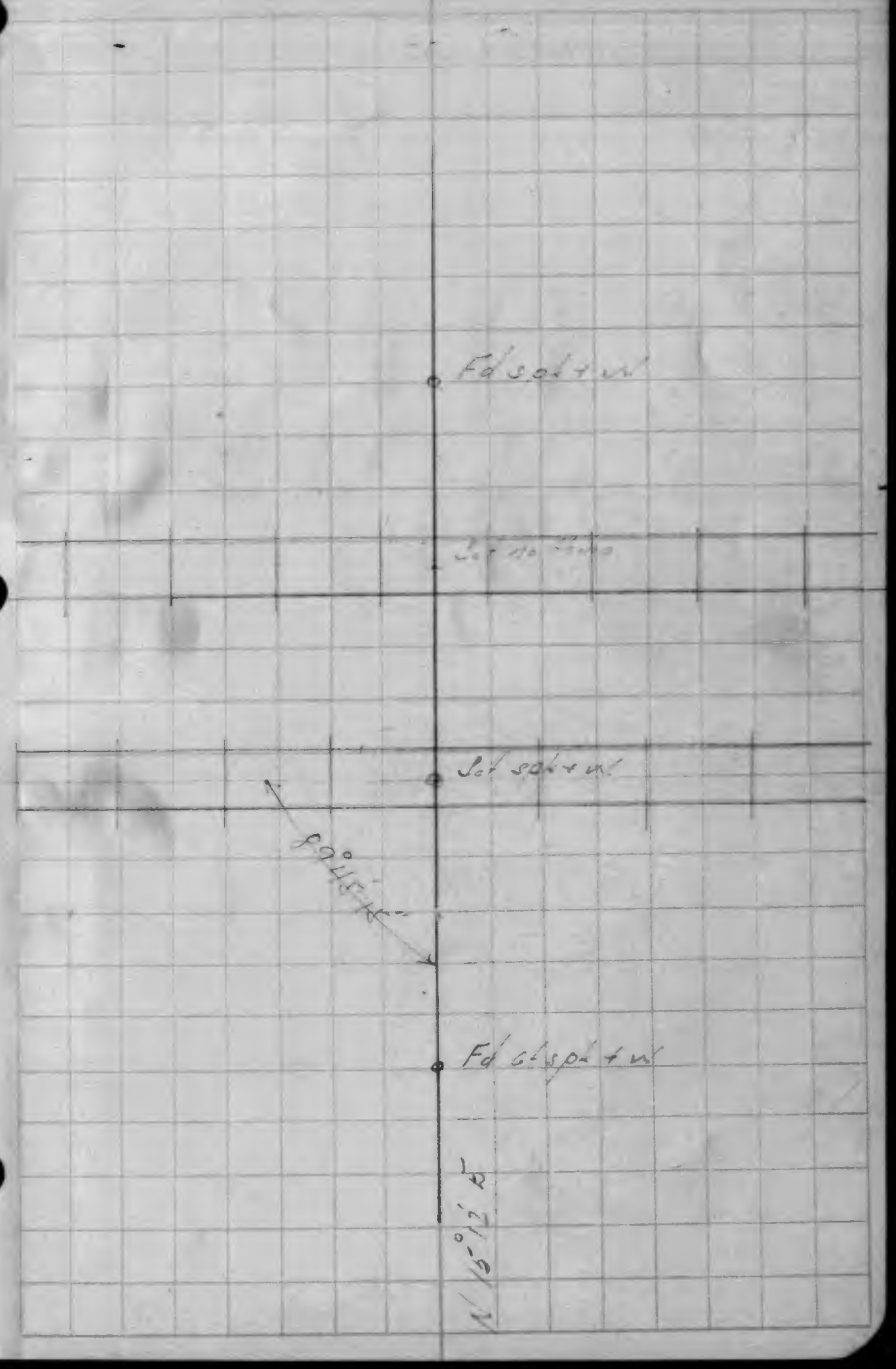
Set S & Tin
So. R/W. of R.R.

Rosemead Blvd

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. 66 Rt. 61 Sec. B Date 4-24-36 Page 1 (6A)

Station	Line			
			E.E. Lombardo	
			Bd.	
			E.T. Lombardo	
			M.P. Perine	Notes
			E.T. Berry	"
			M.E. Delano	"
			V.B. Hollis	"
280+80.6			E.T. Perine	Rod
280+33.6	Lt. on road to Fruit Stand site			
280+20.8	Lt. on New line		Fruit Stand	
279+90				



Rosemead Blvd

B Line

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. L.A. Rt. 168 Sec. B Date 7-11-35 Page 7

Station

291

290

289

N15°12'15"E

288

+97.25 P.O.T. Washington

287

286

1885.84

1685.84 P.I. to P.I.

Fd. Lead & Tack
Inter. of Washington Blvd.
and San Gabriel Blvd.

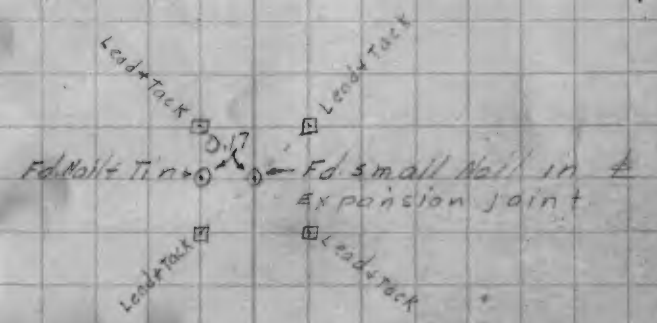
B Line

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. L.A. Rt. 168 Sec. B Date 7-12-35 Page 8

Clear Hot
Temp 82°

Station				
297				
296				
185 25	P.O.T.	Beverly Blvd		
295				
			N15°12'15"E	
294				
293				
292+10 67 EC B1				
292+07 40 Pot B=				
292				



STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

10

Co. L.A. Rt 168 Sec B Date 7-12-34 Page 9

Line

Station

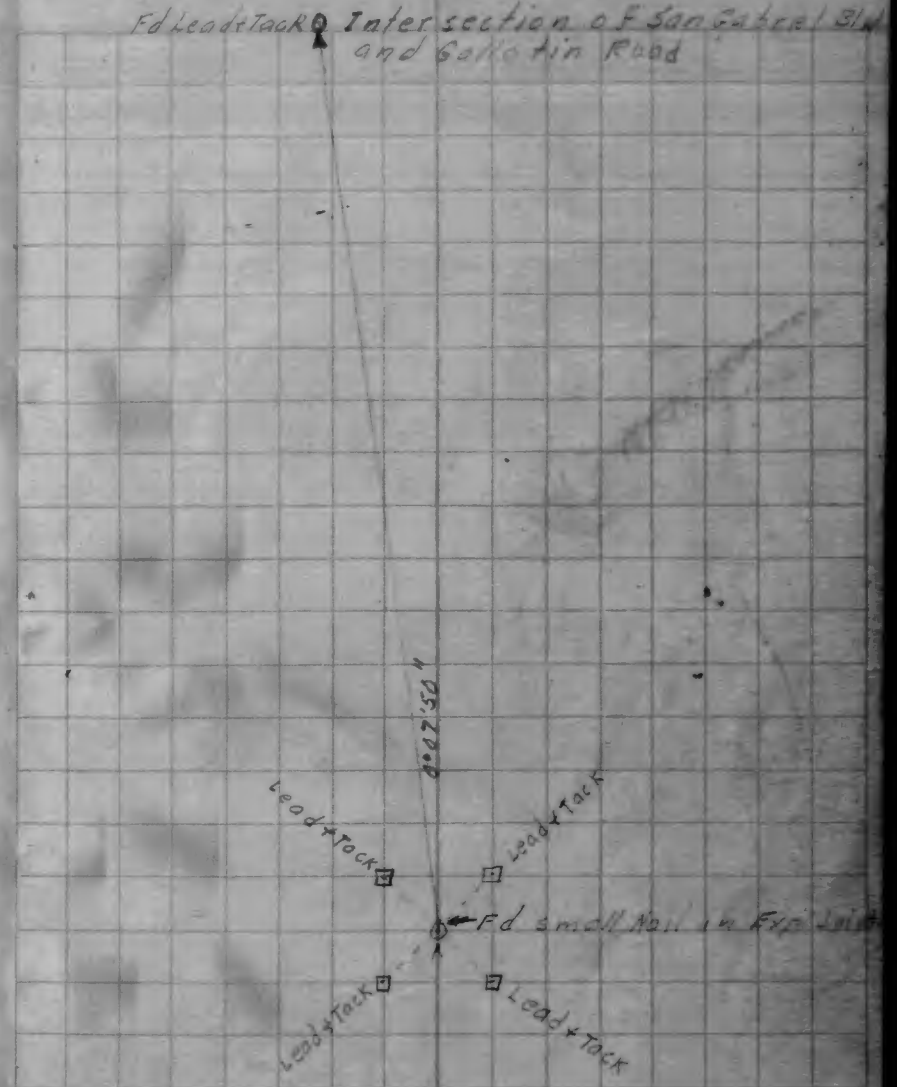
+37.62 P.I. Δ 0°07'50" Lt.

300-

N15°12'15" E

299

298



STATE OF CALIFORNIA — DIVISION OF HIGHWAYS

Co. LA Rt. 168 Sec. B — Date 1-17-36 (18, 27) — Page 2 A

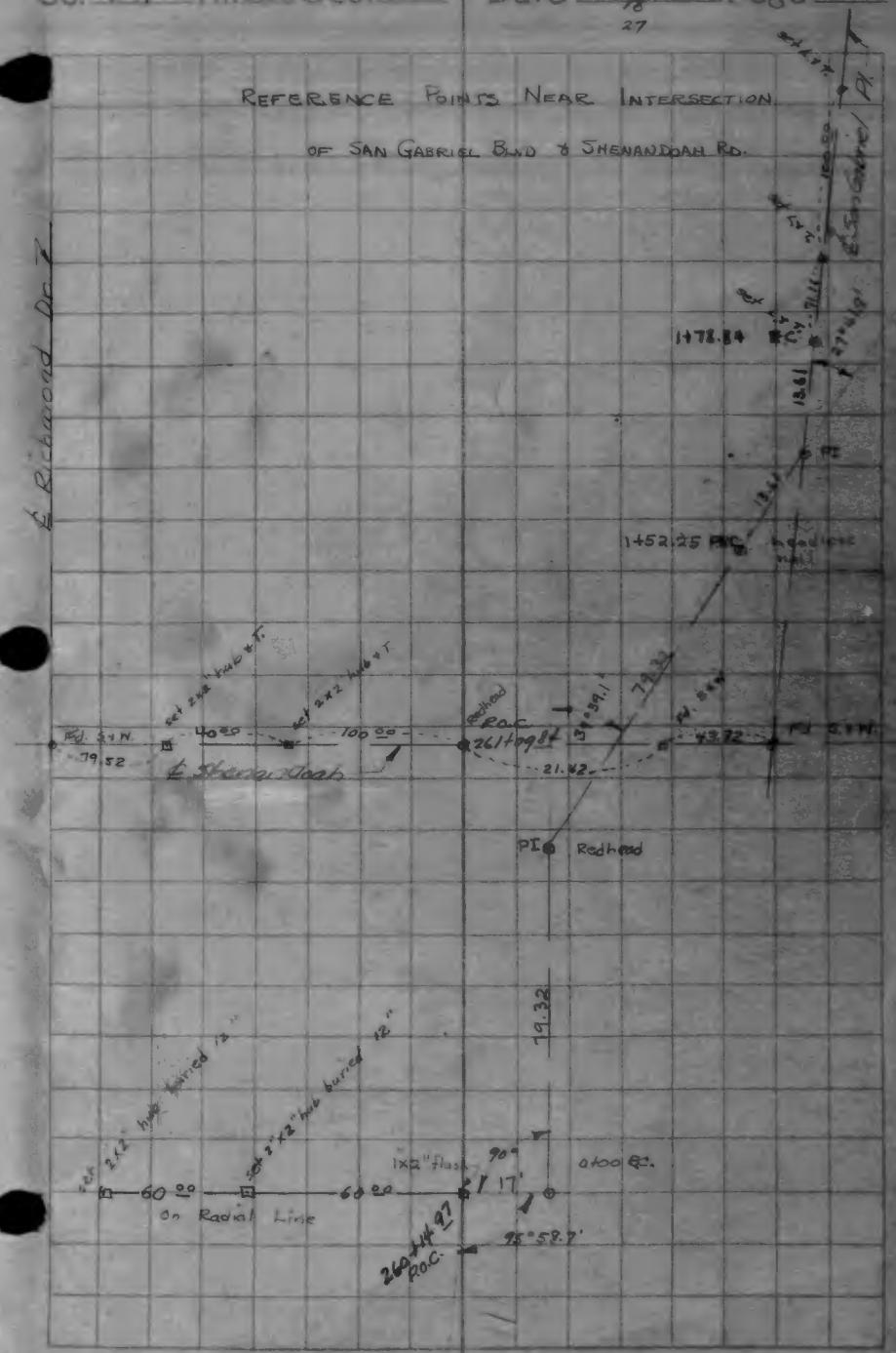
Party: Oof, Robertson, Lepis, Morris, Vorster, Lema — 10

Line

SAN GABRIEL PLACE INTERSECTION

Station	Align	DEFL Lt	DEFL Rt
+78.84	EC	13° 51'	Δ = 27°41.9' R = 55. L = 26.58 T = 13.61 δ/ft = 31.25'
+70		9° 14.7'	
+60		4° 02.2'	
+52.25	PRC	0° 00'	19° 49.5'
+40			18° 13.8'
+20			15° 37.6'
+00			13° 01.3'
[illegible]		Δ = 39° 39.1' R = 220 L = 152.25 T = 79.32 δ/ft = 7.813'	10° 25'
+60			7° 48.8'
+40			5° 12.5'
+20			2° 36.3'
0+00 (260+14.97)	B.C		0° 00'

REFERENCE POINTS NEAR INTERSECTION OF SAN GABRIEL BLVD & SHENANDOAH RD.



STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. LA Rt. 163 Sec. B Date 11-23-36 Page 3A

Line

Station

~ Office Line Change ~

272+20.55 P.O.T.

270+68.12 E.C

100 d = 1°25.944

25 d = 0°21.486

1 d = 0.859'

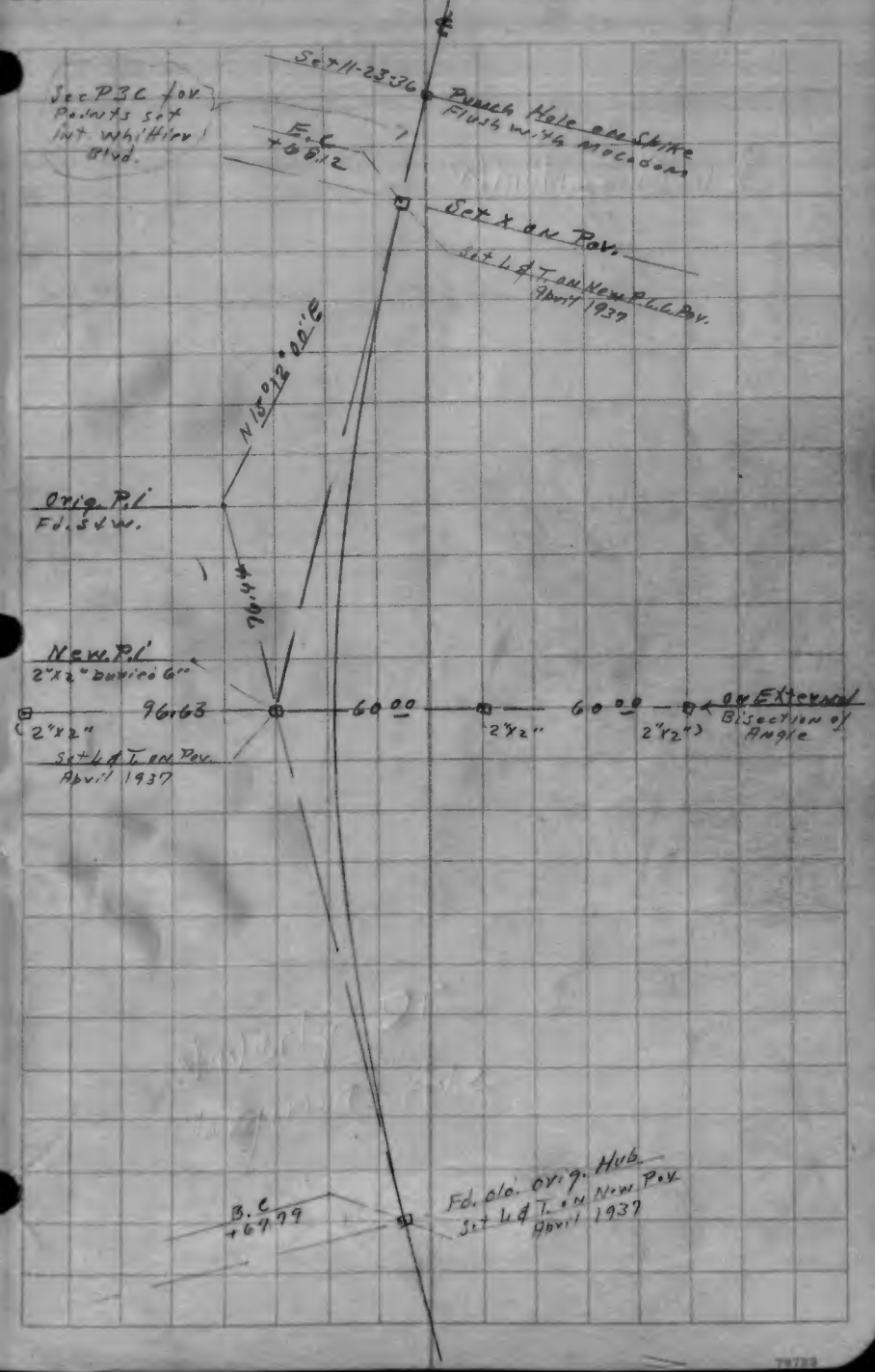
N 10°50'30" E

	E.C +68.12 =	2°52.17
	+50 =	2°36.6
	B.C.R +32.48 =	2°21.5
	+30 =	2°19.4
	+25 =	2°15.1
	270 =	1°53.6
	+80 =	1°36.5
	+95 =	1°32.2
	+50 =	1°10.7
	+49.28 =	1°10.1
	B.C.R +40.90	1°02.9
	B.C.R +36.98 =	0°59.5
	+25 =	0°49.2
	B.C.R +12.91 =	0°38.9
	269 =	0°27.7
	+75 =	0°06.2
	B.C +67.79	0°00'

P.I. A = 5°44'21" R = 2000' T = 100.25 L = 200.33 E =

N 5°06'10" E

268+67.79 B.C



"B" Line

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. LA Rt 168 Sec. B

Date 5/4/37 Page 10

Station

275+93.5 BC

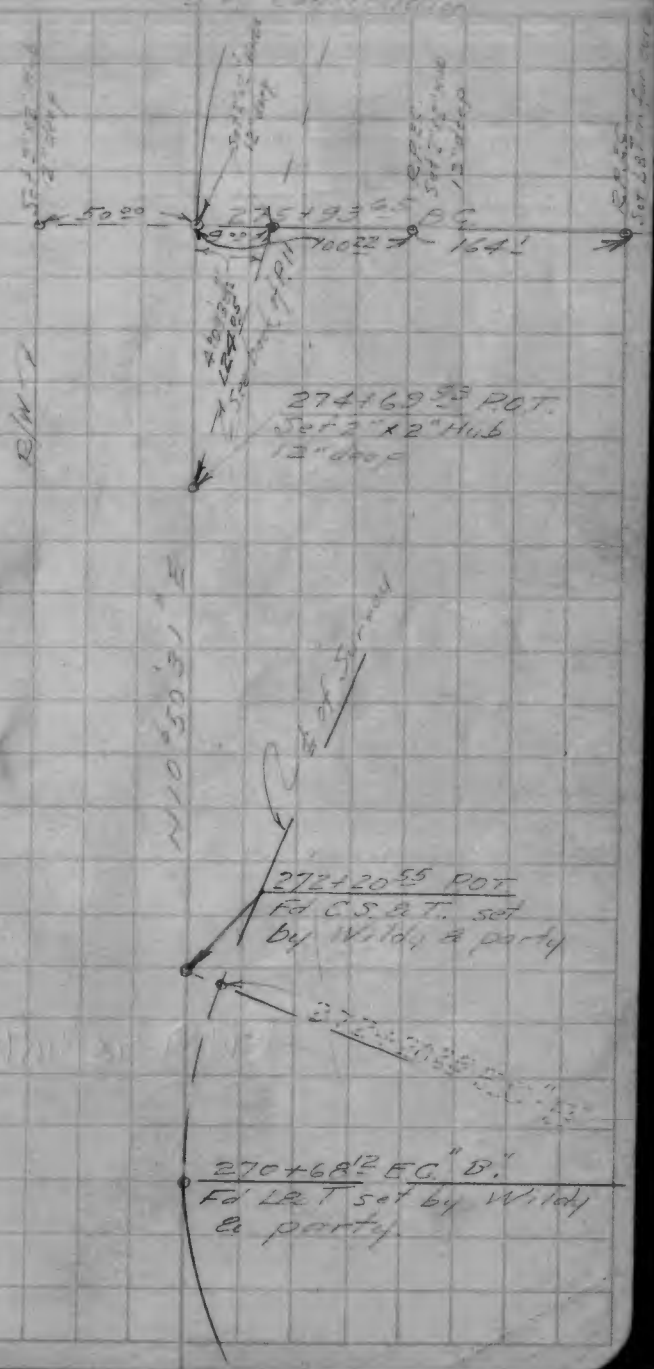
274+69.33 POT

525.3' EC to BC
1062.5' PT to PC
N10°50'31"E

272+20.55 POT

270+68.12 EC

Note: Line of Horizontal alignment adjusted by proportion
Sta 272+20.55 to 287+85.07 (N 42°43'30" E-W)



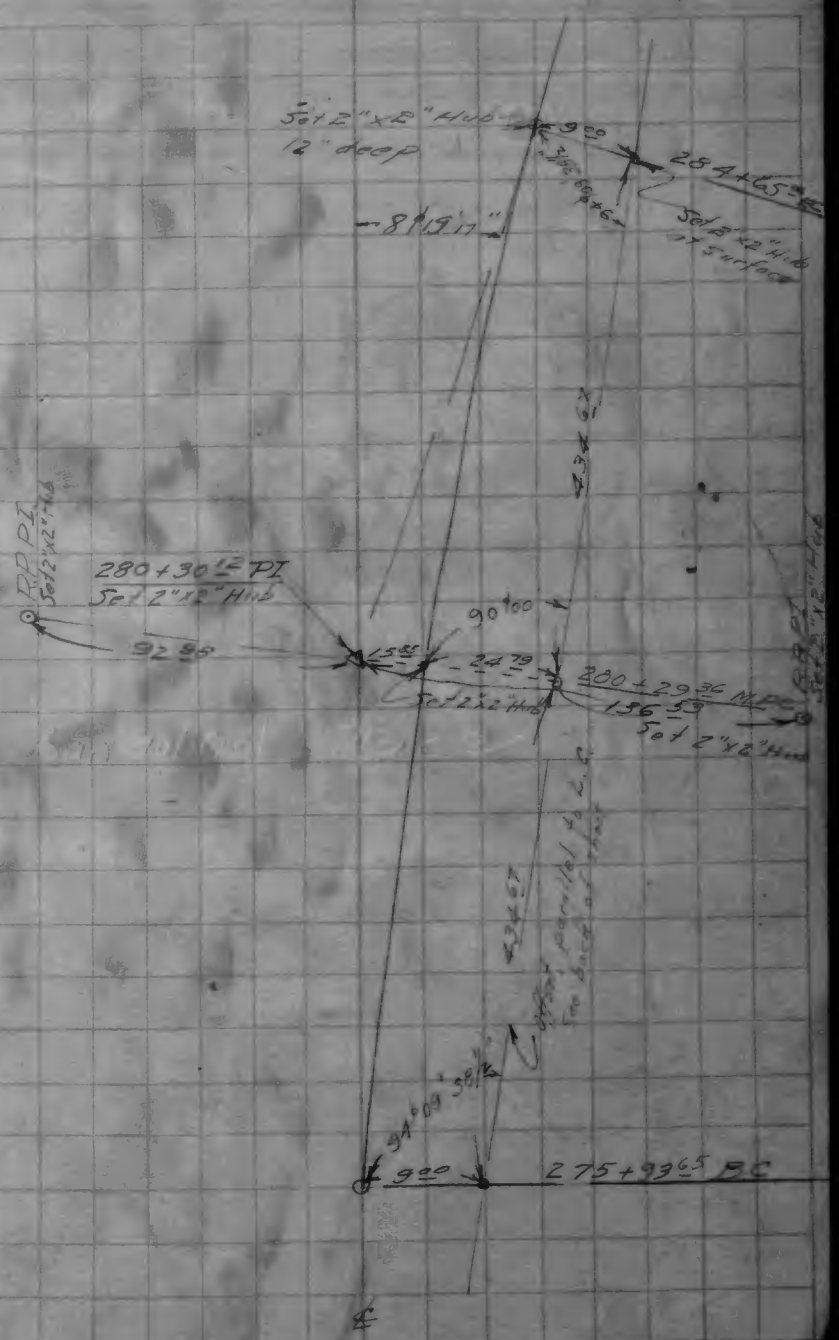
"E" Line

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. LA Rt. 168 Sec. A Date 6/14/37 Page 11

GW Elder - Notes

Station			
284+65.26	EC		165.26
			+50
			284
			+50
			283
			+50
			282
			+50
			281
		R = 6000	+50
(280+30.42)	PI Rt	Δ 8°19'17"	
		T = 436.47	280
		L = 871.41	+50
		C = 870.65	279
		M = 15.81	+50
		E = 15.85	279
			+50
			277
			+50
			276
275+93.65	BC Rt.		275+93.65



GW Elder - Notes 19

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

"B" Line

Co. LA Rt. 65 Sec. A Date 6/14/37 Page 12

Station

287+96.07 BC Lt

B31 01 E.C. to B.C.
97.45 to P.I.
N 19°09'48"E

285+88.75

284+65.06 EC.

287+96.07 BC.
Set L&T in pavt

N 19°09'48"E
207.29

285+88.75 POT
Set 2"x2" Hub
+2" Jeep

90°00'

123.22
12.65

R.P.E.C.
Set 2"x2" Hub
15 ft Except
3' South of G.P. Orange
Fence from Hwy

116.54

95°
284+65.06 E.C.
Set 2"x2" Hub
at surface

R.P.E.C.
Set L&T
To walk

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

"B" Line

Co. LA Rt. 168 Sec. B Date 6/14/37 Page 13

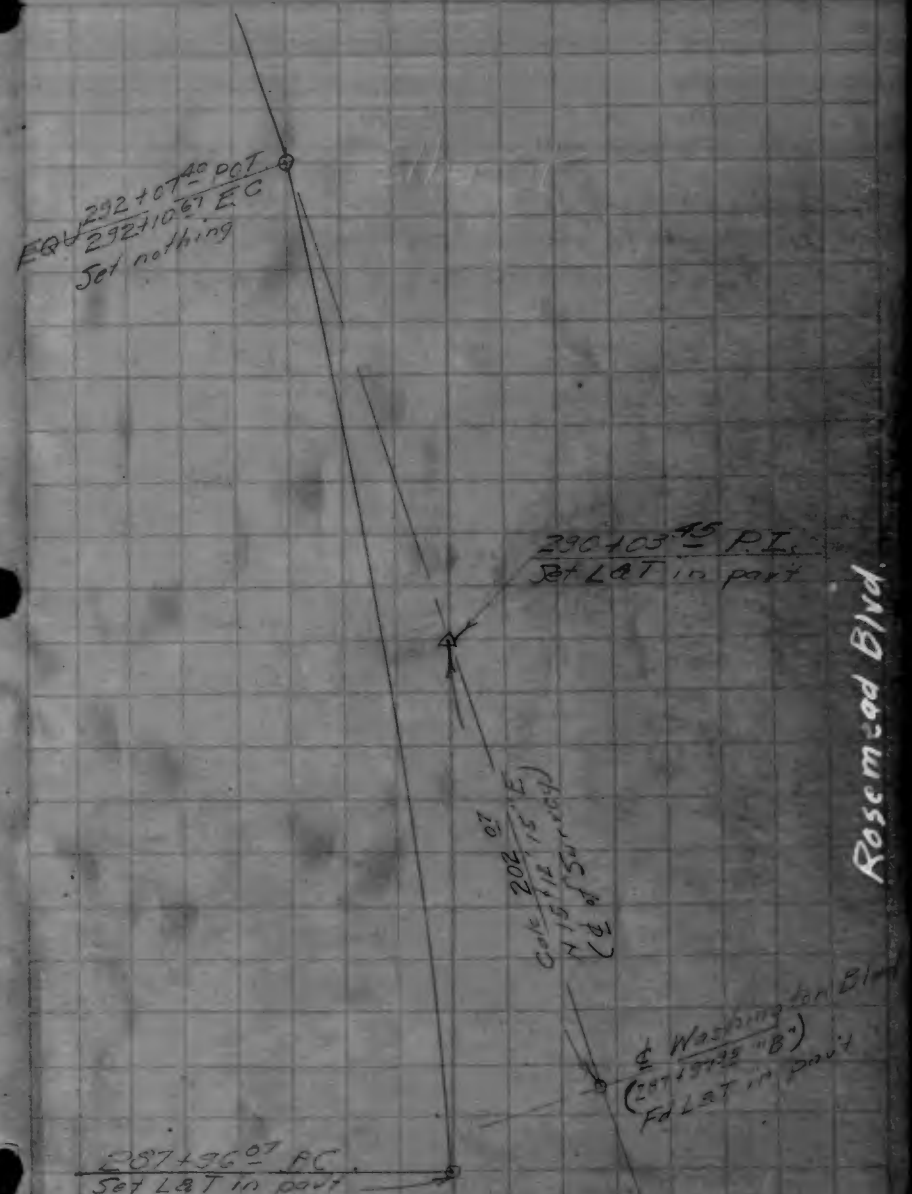
Station		
292+07.40 P.O.T. EQU 292+10.67 EC		
	+10.67	1°58'46½"
	292	1°55'41"
	+50	1°41'22"
	291	1°27'01"
	+50	1°12'44"
(290+03.45) PI Lt.	R=6000	
	Δ 3°57'33"	
	T=207.38	290 0°58'24"
	L=414.60	
	+50	0°48'05"
	289	0°27'46"
	+50	0°15'26"
	288	0°01'07"
287+96.07 BC Lt.	+96.07	0-0-0

N 15°12'15" E

414.60 BC to EC

N 19°09'46" E

974.36 PI to PI



F.B. 1041-111

— L.A.-174-B —

— ALIGNMENT —

-- Firestone - Blvd. —

— Lakewood - to - Rosecrans —

Sta.-235+26.50 to

— Reference —

— Field Notes — Loose Leaf —

Page — 6-9 — LA-168-B
Book - A-204 —
Page — 1-14 — L.A-174-B
" 24-27 " "
" 37 " "
Book A-228 — " "
Page 45-50 " "
Book A-203 " "

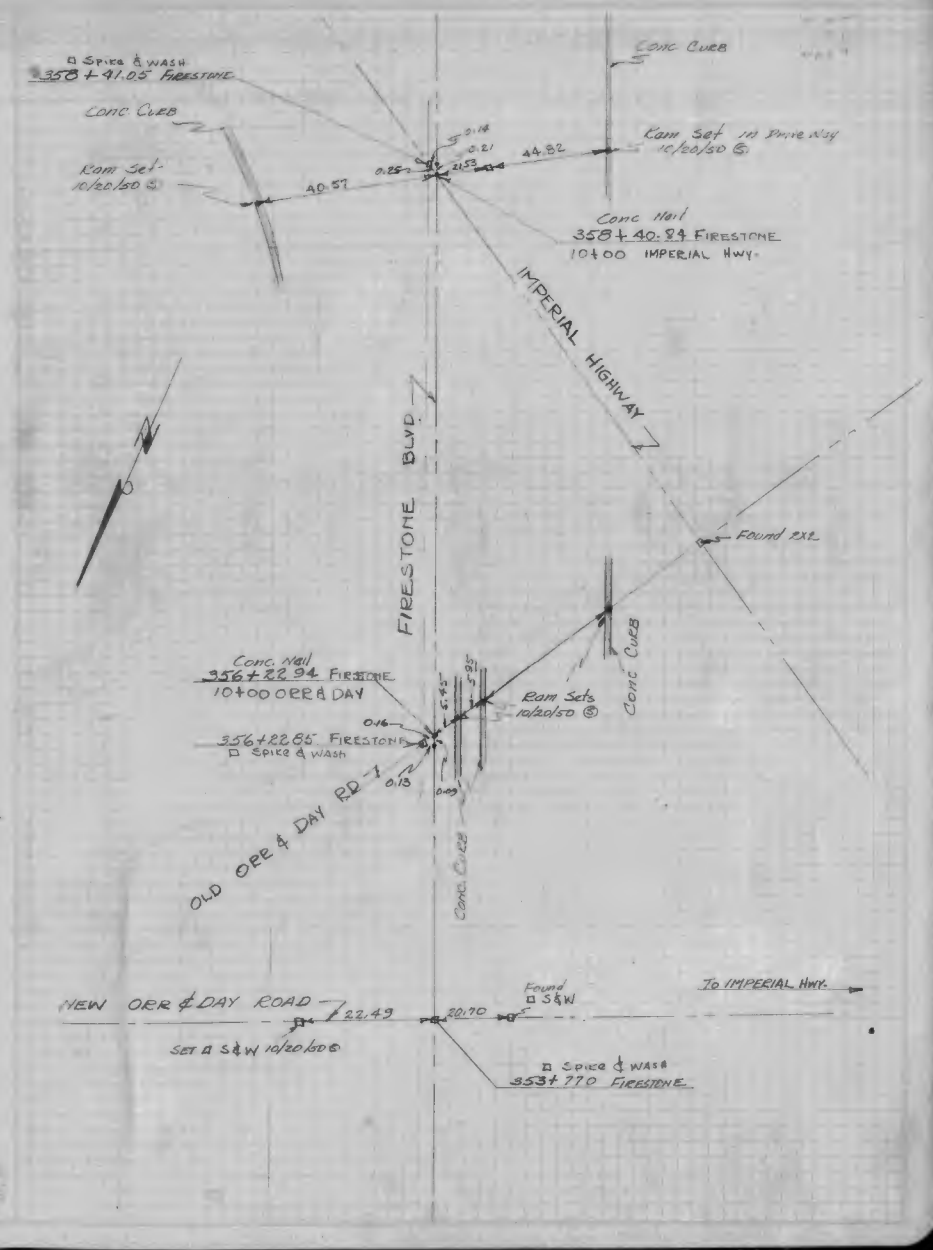
LA Co. — Photo Stats of Firestone Blvd. from Lakewood Blvd. to Orange Co. Line

— April. — 1948 —

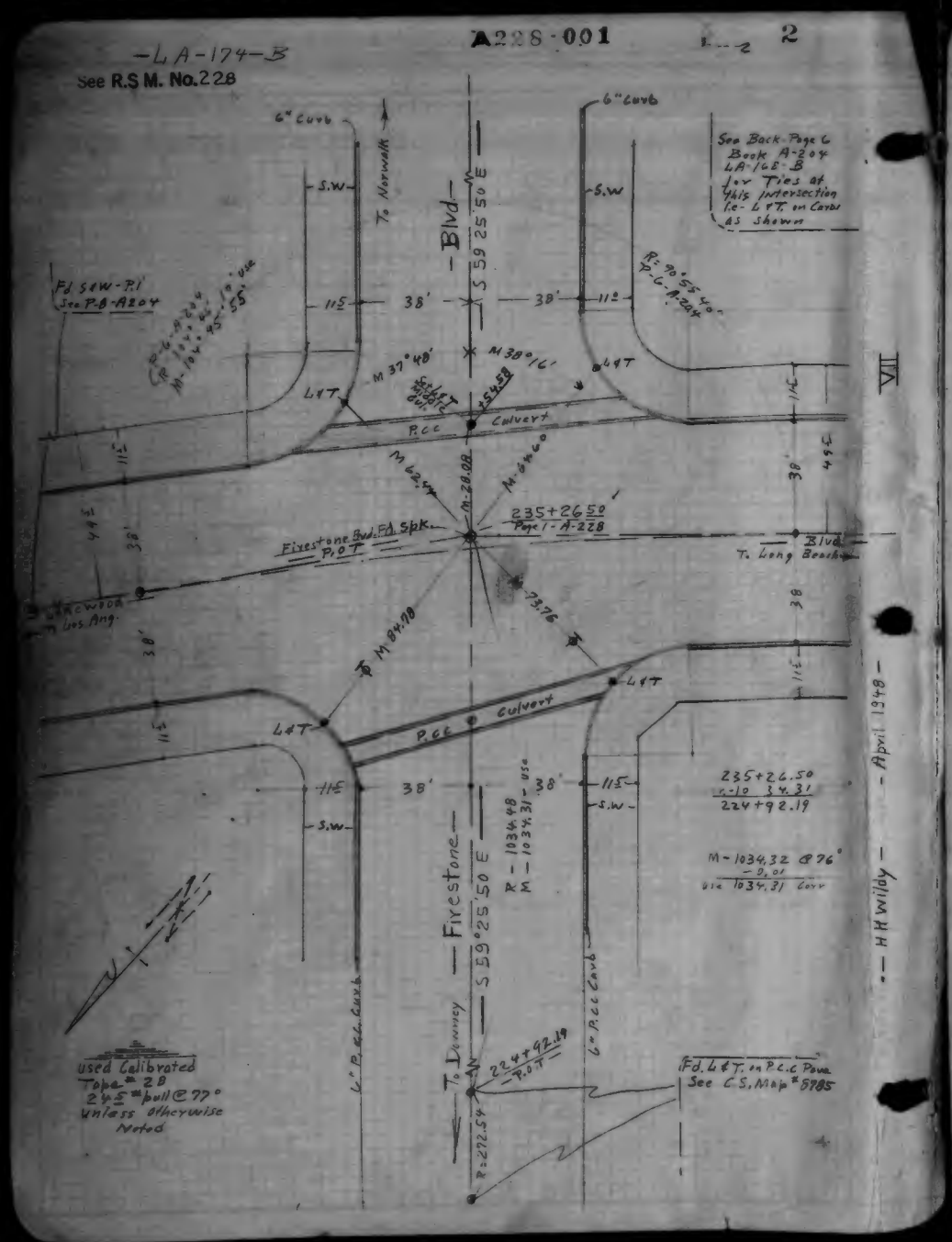
Wildy —
Hendricks
Brown —
Frosali —
Kenan —
Sagarnaga —

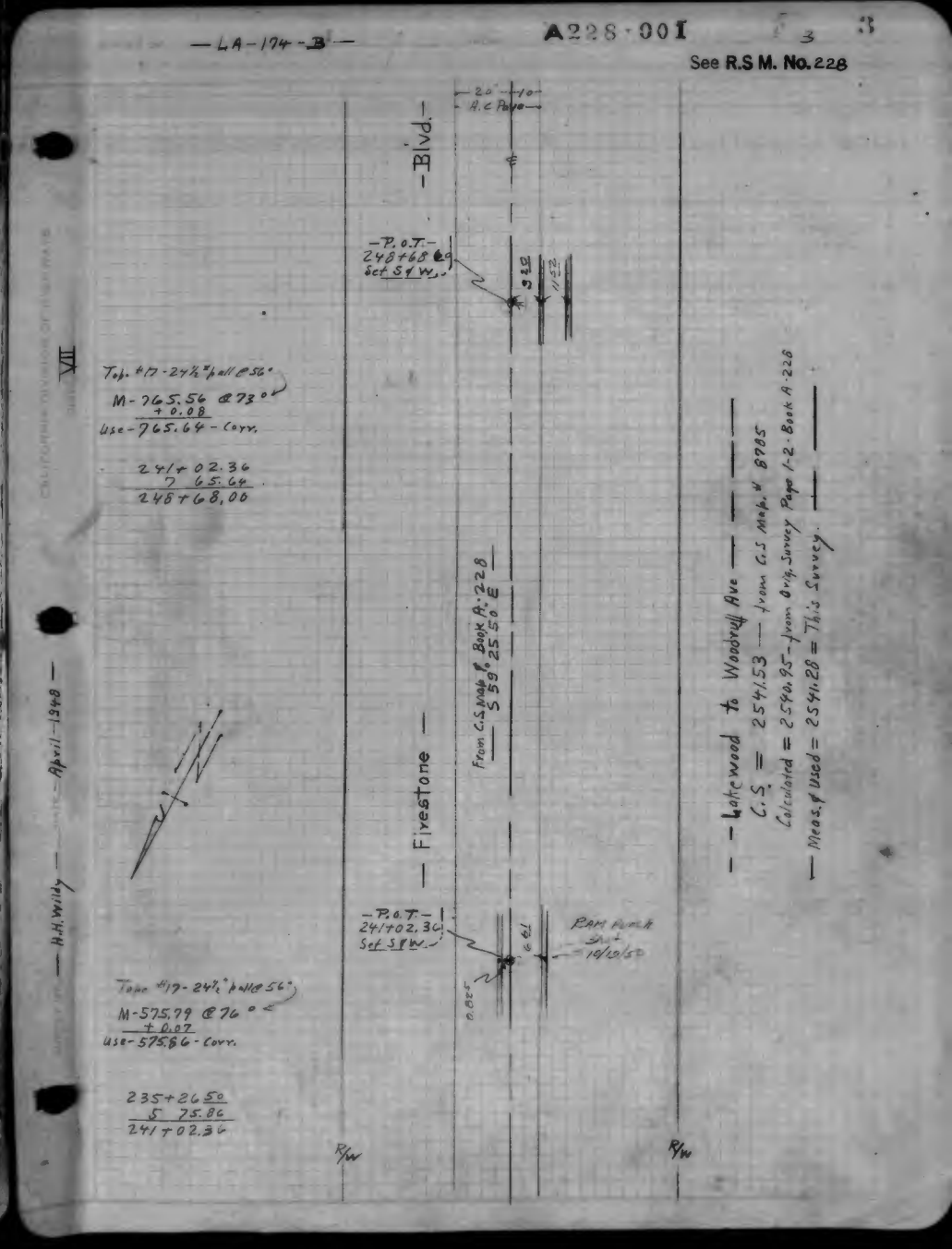
Orig. Layout Maps - LA-174B - 1934 - Pages - 5-38
County Surveyors Map No. 8785 — Manchester Ave - (Southgate - Woodruff Ave)
" " " " 8818 " " (Woodruff Ave - Orange Co.)
State R W Map — Santa Ana Freeway — San Antonio Dr. to Marquardt Ave —
— Road VII — LA 174/B —

F.B. 1041-112

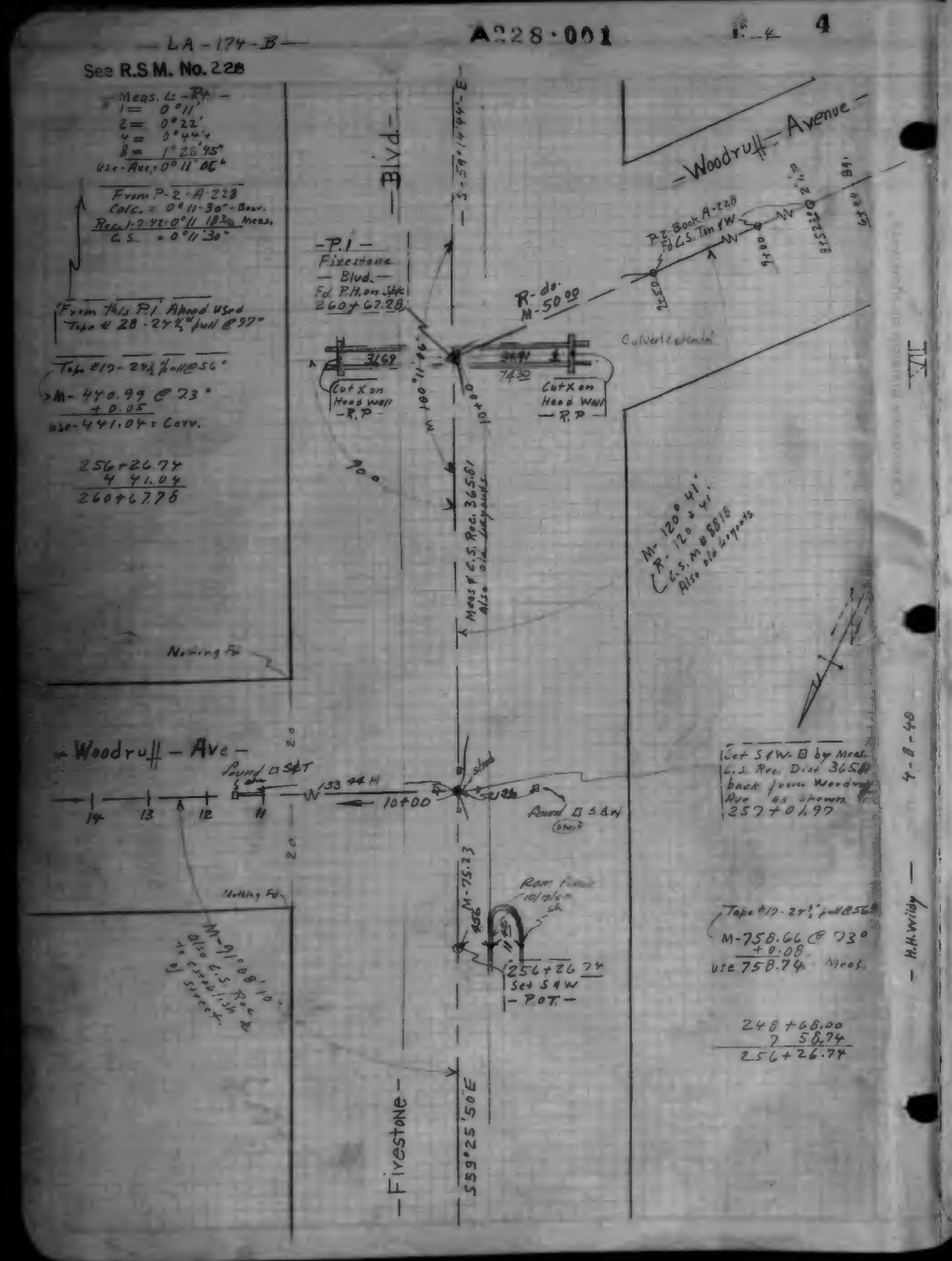


See Pg. 124.

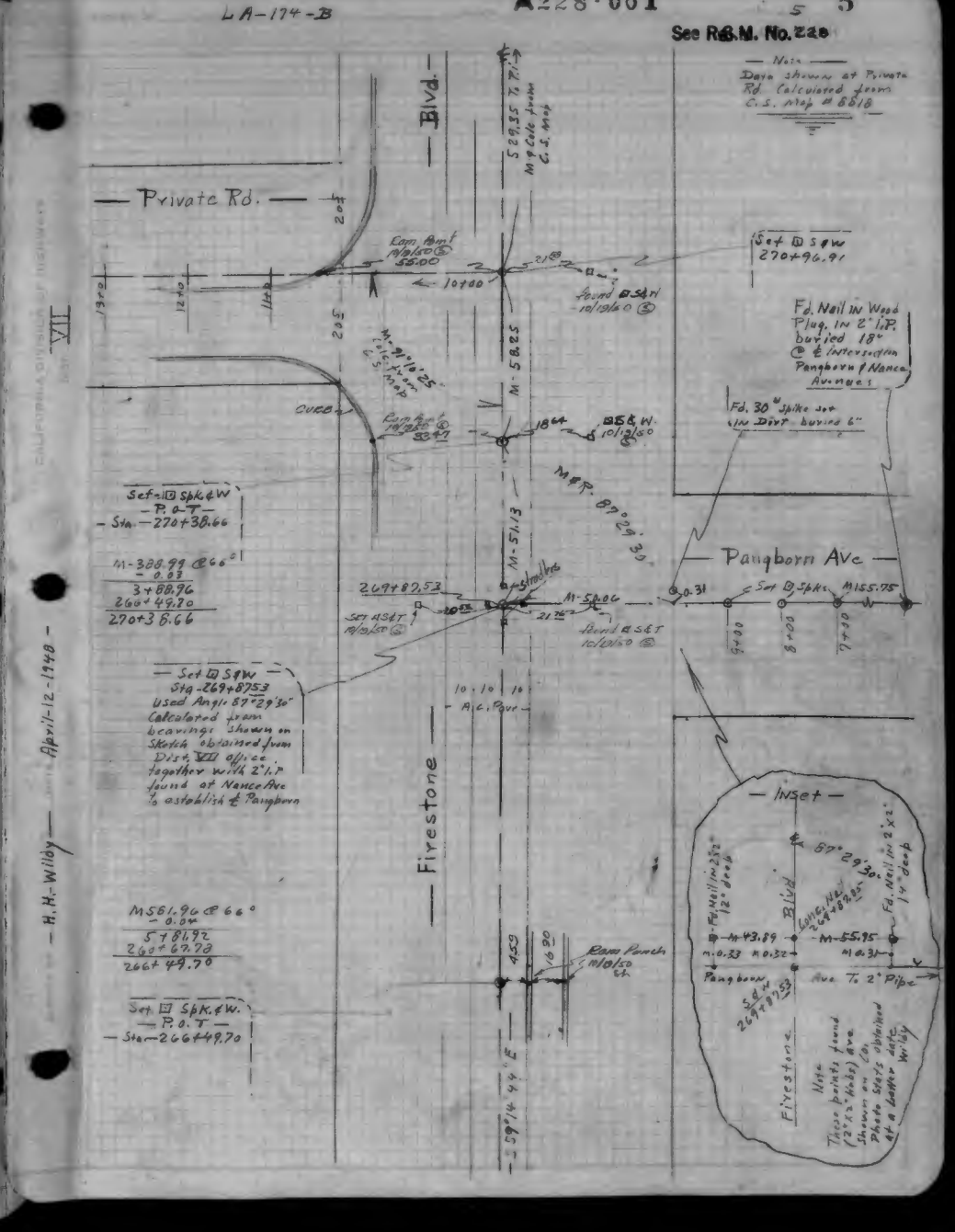

-LA-174-B
A228-001
2
See R.S.M. No. 228
6" Curb
To Norwalk
S.W.
-Blvd-
S 59 25 50 E
See Back-Page 6 Book A-204 LA-168-B for Ties at this intersection i.e. L & T. on Curbs as shown
Fd. S&W-P.I. See P.B. A204
P.C. A204 R 104.45' 10' use M-104°45'55"
R: 90°55'40" P.C. A204
M 37°48'
M 38°16'
L&T
Set L&T 8.00' Out
+54.58
P.C.C. Culvert
M 62.44
M-28.08
M-84.60
235+26.50
Page 1-A-228
Firestone Bvd. Fd. Spk. P.O.T.
Blvd.
To Long Beach
Lakewood
To Los Ang.
M 84.70
79.76
L&T
P.C.C. Culvert
235+26.50
r-10 34.31
224+92.19
M-1034.32 @ 76°
-0.01
use 1034.31 Corr
R - 1034.48
M - 1034.31 - use
-Firestone-
S 59°25'50 E
To Downey
6" P.C.C. Curb
6" P.C.C. Curb
224+92.19
-P.O.T.
P.272.54
Fd. L&T. on P.C.C. Pave. See C.S. Map # 5785
used Calibrated Tape # 28 245# pull @ 77° Unless otherwise Noted
H.H. Wilby
April 1948


-LA-174-B-
A228-001
3
See R.S.M. No. 228
20' 10'
A.C. Pave
-Blvd-
-P.O.T.-
248+68.00
Set S&W.
Tape #17-24½# pull @ 56°
M-765.56 @ 73°
+0.08
use-765.64-Corr.
241+02.36
765.64
248+68.00
From C.S. Map # Book A-228
S 59° 25 50 E
-Firestone-
-P.O.T.-
241+02.36
Set S&W.
RAM Punch Shot 10/20/50
Tape #17-24½# pull @ 56°
M-575.79 @ 76°
+0.07
use-575.86-Corr.
235+26.50
S 75.86
241+02.36
R/W
R/W
Lakewood to Woodruff Ave
C.S. = 2541.53 — from C.S. Map # 8785
Calculated = 2540.85 — from O.R.S. Survey Page 1-2 Book A-228
Meas. & Used = 2541.28 = This Survey
H.H. Wilby
April 1948

F.B. 1041-115



F.B. 1041-116



F.B. 1041-117

— LA-174-B —

See R.S.M. No. 228

— Meas. ∠ Angle —

#1 = 5°36'
2 = 11°12'30"
4 = 22°25'
8 = 44°48'30"
∠ Use - Ave - 5°36'04"

C.S. Map & Old Layouts Show 5°35'20"
Align. - Page 2
Book A 228 Shows Angle 5°36'

— Blvd —

S 53°38'44" E

Set Spk.

Fd. x on R/W

R.C.C. Culvert

Ram Points 10/19/60 ⊗

Fd. Spk. & T. & Nut 2 R.R. Track

Fd. Cut. Spk. Tin & Wash M-42.98 R=50.00

Downey-Norwalk-Rd.

M-50.00 R

276+26.26 PI

Light foundation

30.25

Const. Curve R=4000' See old Layouts - 1934 -

Pavement Compressed on Curve Ex. = 5.0

Ram Points 10/19/60 ⊗

M-120°27'35" R=200.00 C.S. Map & Layouts

Set R 5.00

Bar Points 10/19/60 ⊗

1 = 120°27'30
5 = 243°40'30
+720
Δ = 963°40'30
Ave = 120°27'35"

A.C. Pave

— Firestone —

S-59°18'44" E

— From P.I. Downey - Norwalk - Rd. to P.I. Hoxie-Ave —
Calc. from Old Align. Notes — 3271.69
" " " Layout Maps — 3272.77
From C.S. Map. # 6818 — 3272.77
Used - Measured — Diff. — This Survey — 3271.79

M-589.63 @ 69°
-0.03
5+82.60
276+26.26
P.I. - 276+26.26

— H.H. Wilby — April-12-1948 —

F.B. 1041-118

— LA-174-B —

See R.S.M. No. 228

San Gabriel

Bridge # 53-137

Wood Guard Rail

2+10+10 — 10+10+2

22' 22' R.C.C. Roadway

53' over all

P.C.C. Bridge

River

Flow

— From P.I. Downey - Norwalk - Rd. to P.I. Hoxie-Ave —
Calc. from Old Align. Notes — 3271.69
" " " Layout Maps — 3272.77
From C.S. Map. # 6818 — 3272.77
Meas. & Used - This Survey — 3271.79

287+82.3 Bg. P.C.C. Bridge
" " End Wood. "

Pile Trestle

Wooden Bridge - Extension -

285+95.8 Bg. Wood Bridge

S-53°38'40"-E

285+95.8

M 393.75 @ 70°
-0.02
3+93.73
281+52.57
285+46.30

— P.O.T. —

285+46.30

Set Cut Spk. & Wash.

Ram Points 10/19/60 ⊗

10 10 10

A.C. Pavement

— Firestone - Blvd. —

-M-526.34 @ 69°
-0.03
5+26.31
276+26.26
281+52.57

— P.O.T. —

281+52.57 Fd. P. Hoxie

M 50.03

Ram Points 10/19/60 ⊗

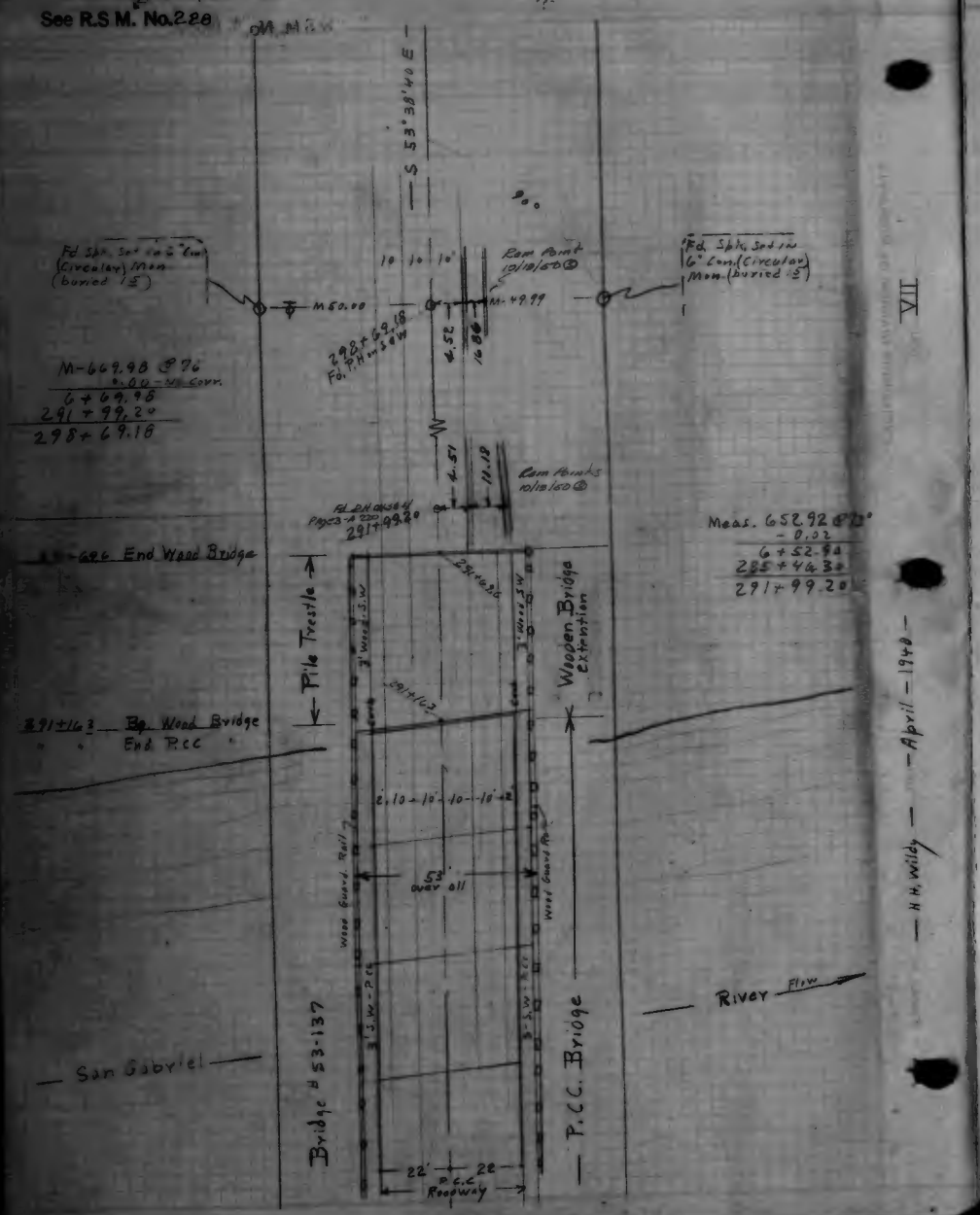
Fd. Spk. Set in 6" Conc. (Circular) Monument buried 10"

18+73+52.22 See Page 3-A-228

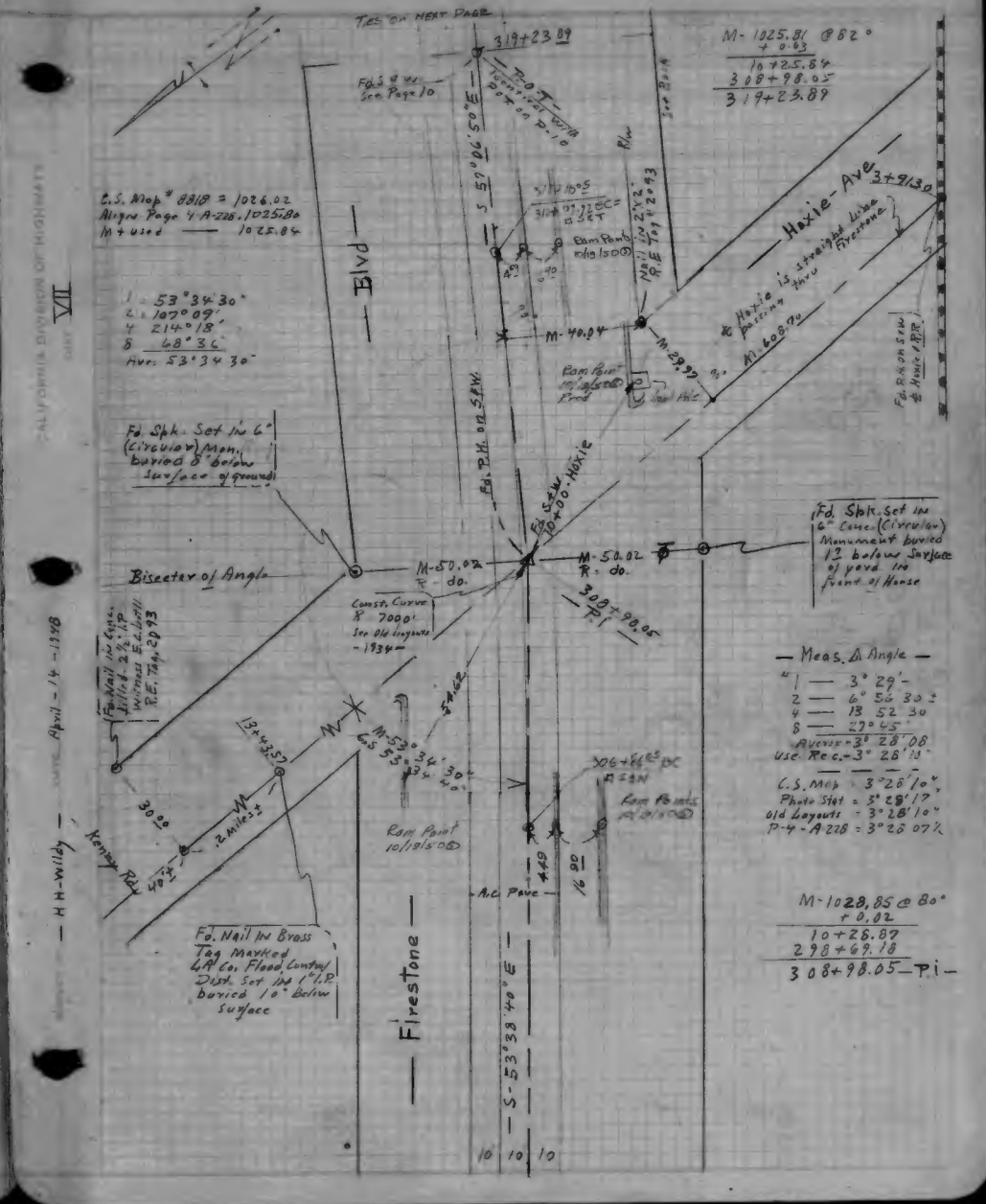
— H.H. Wilby — April-14-1948 —

F.B. 1041-119

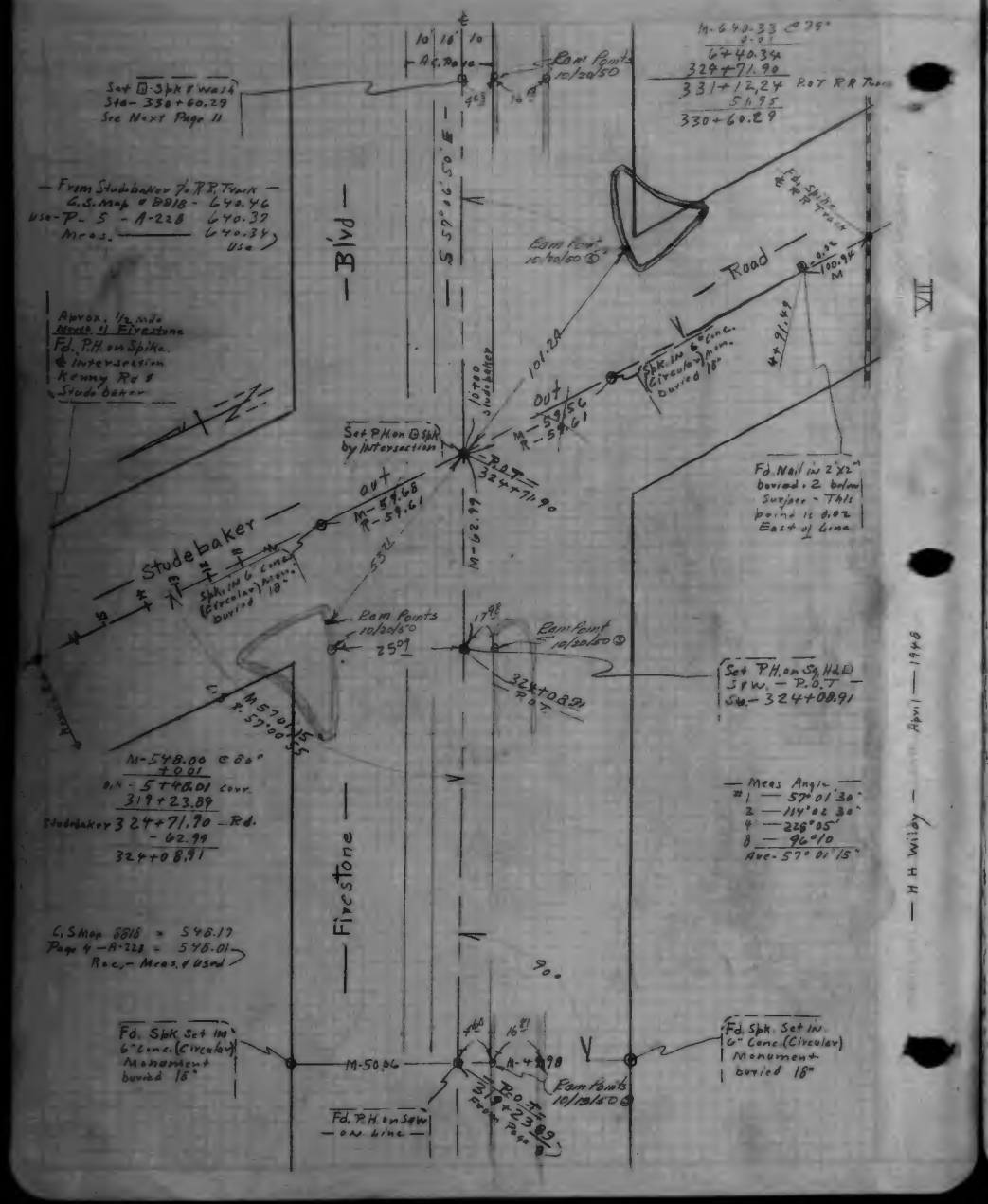
See R.S.M. No. 228



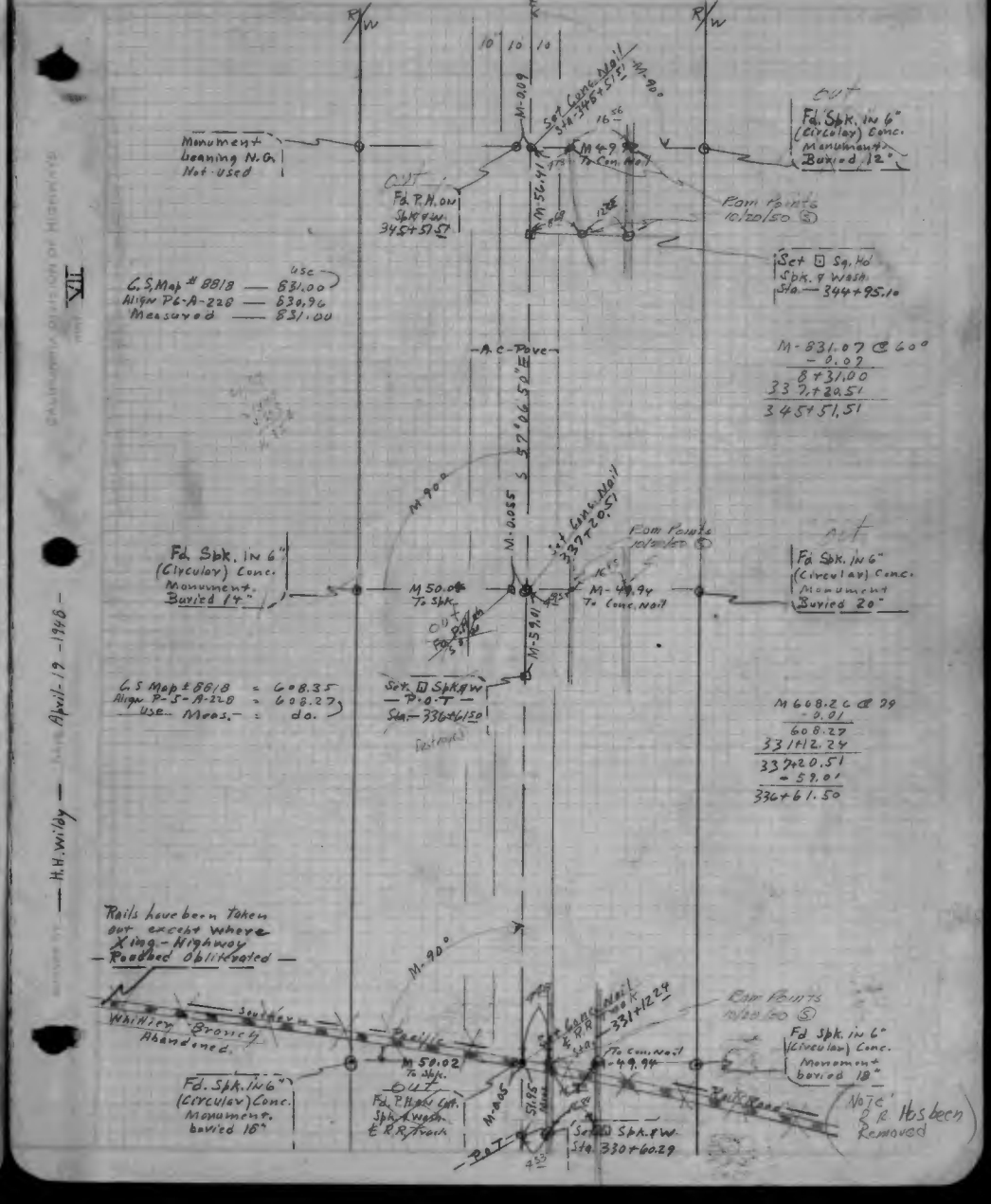
F.B. 1041-120



F.B. 1041-121

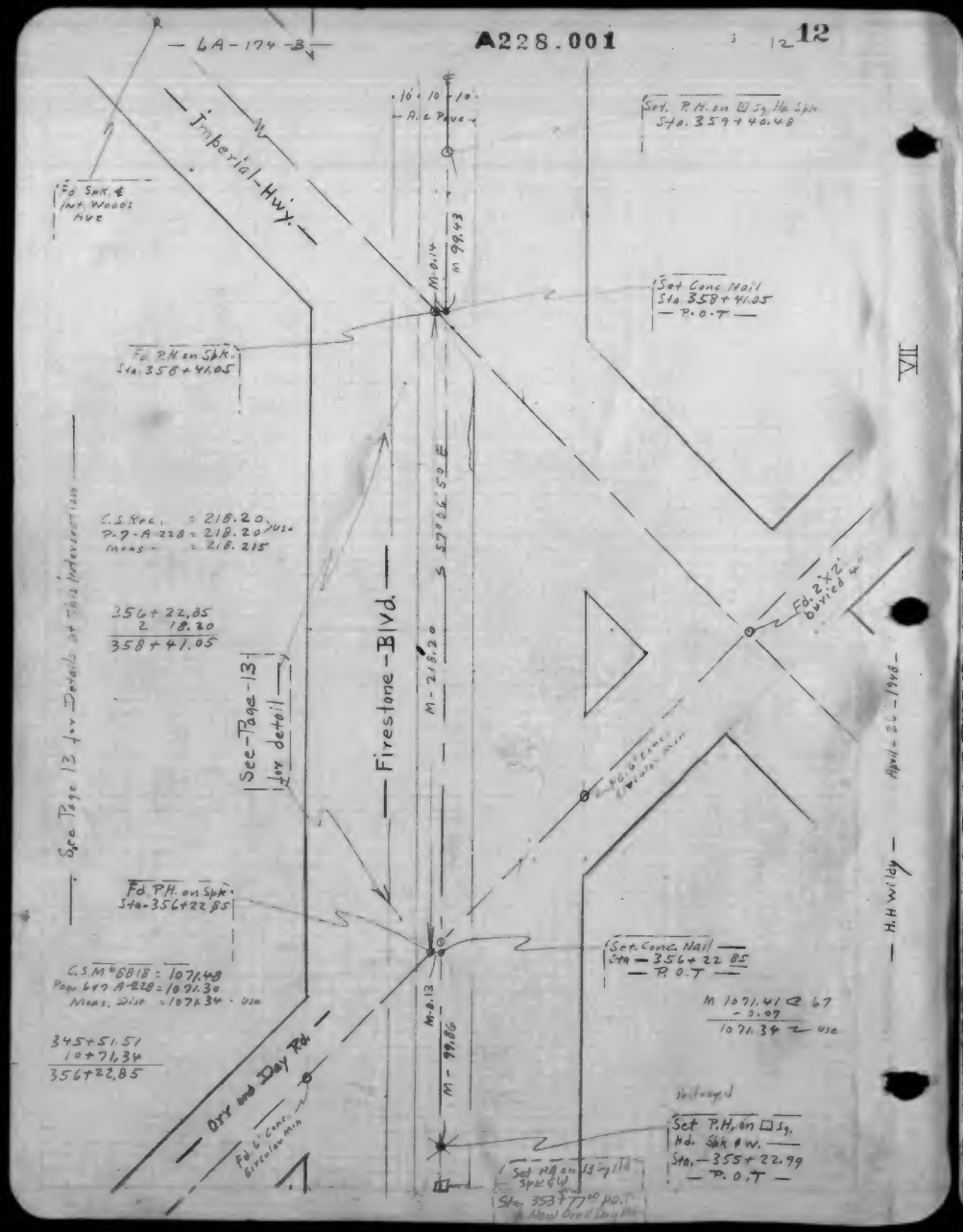


F.B. 1041-122

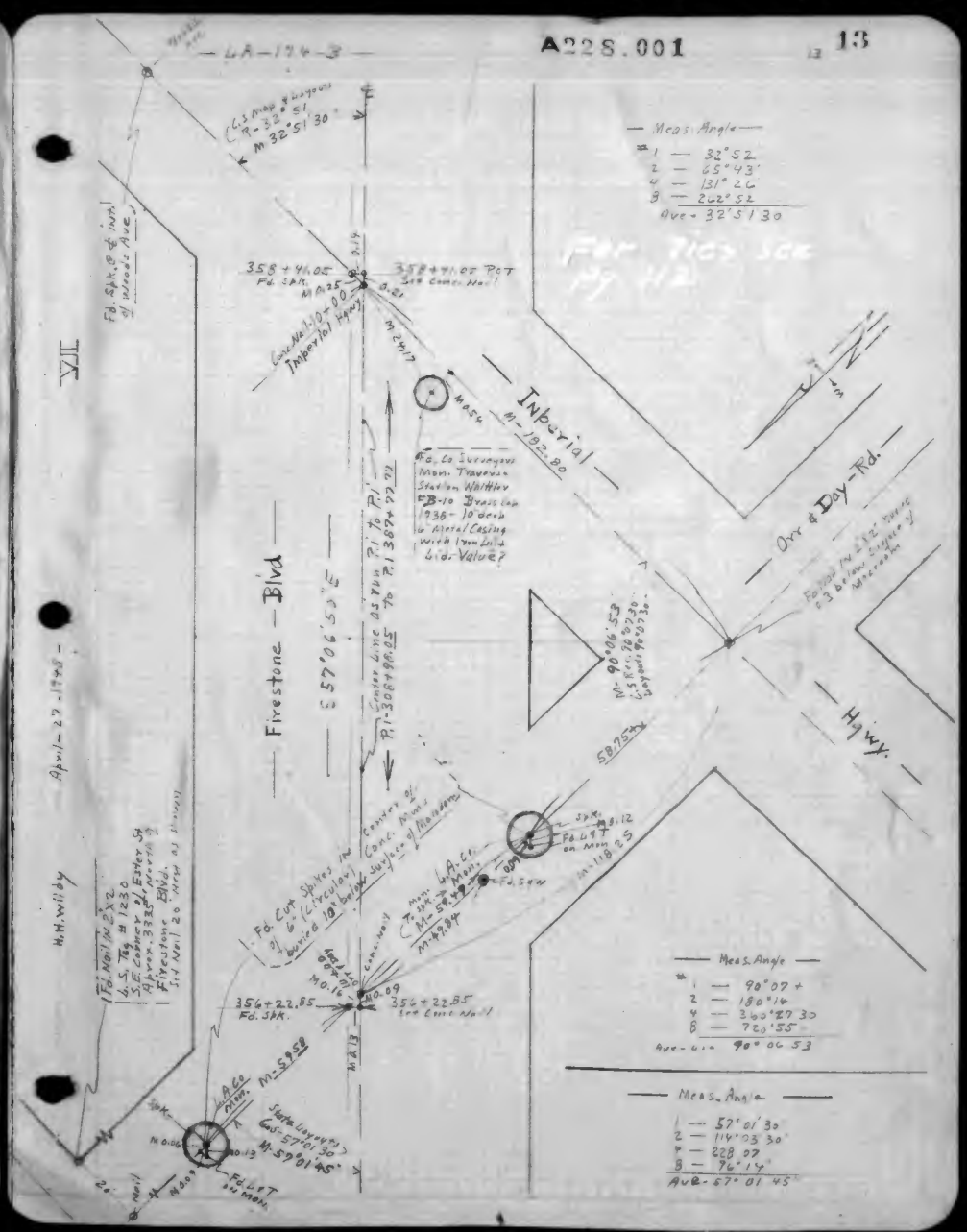


CALIFORNIA DIVISION OF HIGHWAYS — H.H. Wiley — April-19-1948 — VII

F.B. 1041-123



F.B. 1041-124



F.B. 1041-125

A228.001

— LA-174-B —

14 14

— P.I —
Set Nail in 2"x2" buried 6"
See Inset

Estab. Wished ℄ of woods as shown. Set P.I from N&T as per sketch and by using Rec. 90° from ℄ Firestone

Woods — Ave —

Woods 10+00

R to P.I - 454.03
M to P.I - 454.10

Set P.K. on □ Sq. Hd. Spk & wash. Sta 376+96.69

Inset

Set 2"x2" Woods

Firestone 376+96.69

Inberial

Fd. P.K. on Spk Sta - 371+91.77

Set Cone Nail 371+91.77

Monument out

Fd. Spk. in 6" (Circular) Conc. Monument buried 18"

Ram Point 10/20/50

Set P.K. on Sq. Hd. Spk & wash Sta. 371+34.65

C.S. map — 777.99
P-8-A-228 — 777.99 Use
Meas. — 778.02

364+13.78
7 77.99
371+91.77
57.12
371+34.65

M - 778.06 @ 70°
- 0.04
778.02 Corrected

C.S. map — 572.73
P-8-A-228 — 572.73 Use
Meas. — 572.71

358+41.05
5 72.73
364+13.78
54.87
363+58.91

M - 572.78 @ 90°
- 0.03
572.71

Fd. Spk. in 6" (Circular) Conc. Monument buried 14"

Set Cone Nail 364+13.78

Ram Point 10/20/50

Fd. Spk. in 6" (Circular) Conc. Monument buried 20"

Set ⊙ Sq. Hd. S & W 363+58.91

— H.H. Willey — April - 1948 — April - 27 - 1948 —

FB 1041-126

A228.001

— LA-174-B —

15 15

Used — Tape # 28 262' Pull @ 77° Calibrated

Fd. Nail in 1½" Pipe buried 10"

4' Side walk

Cut. Spk. in Crack of S.W.

Fd. Nail in 2"x2" buried 0.2' @ Inberial Blvd. Page 9 - A 228 Tag. - 8 = 215'

Fd. S.W. Vanilla from Store & Ties P.O.T. on Pioneer P.I. on Firestone

Blvd.

Pioneer 10+00

Meas. Angle Dev. - Right
1 — 0°02'
2 — 0°03'30"
4 — 0°36'30"
8 — 0°12'45"
Use - Ave. - 0°01'36"
C.S. Map - 0°01'15"
Site Layout - 0°01'15"
P-9-A 228 0°01'33¾"

Use - C.S. Map # 8513 - 802.79
Page 9 A 228 - 802.77

M 802.98 @ 63°
- 0.07
802.81

379+75.00
8 02.77
387+77.77
— P.I —

Valley

Pioneer

Meas L to Pioneer
1 — 57°02'30"
2 — 114°05'
4 — 228°10
8 — 96°20'
Ave. 57°02'36"

Road 22'

Fd. P.K. on S & W Sta. - 379+75.00

Set Cone Nail 379+75.00

Fd. Spk. in 6" (Circular) Conc. Monument buried 18"

Ram Sets 10/20/50

Fd. Spk. in 6" (Circular) Conc. Monument buried 9"

C.S. Record — 783.26
P-9-A 228 — 783.17
Meas. — 783.23 - Use

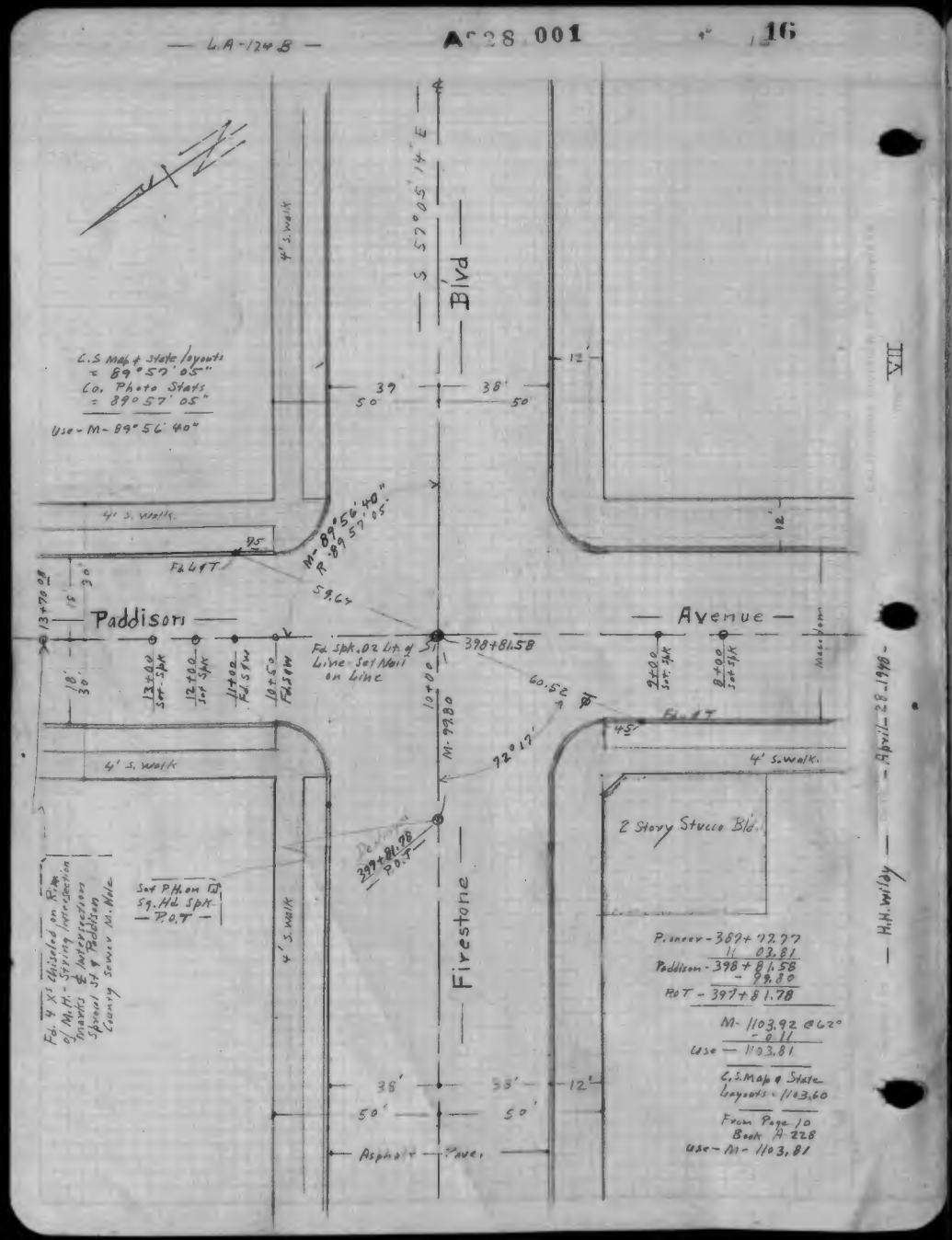
371+91.77
7 83.23
379+75.00
1 38.56
379+36.44

783.28 @ 68°
- 0.05
783.23

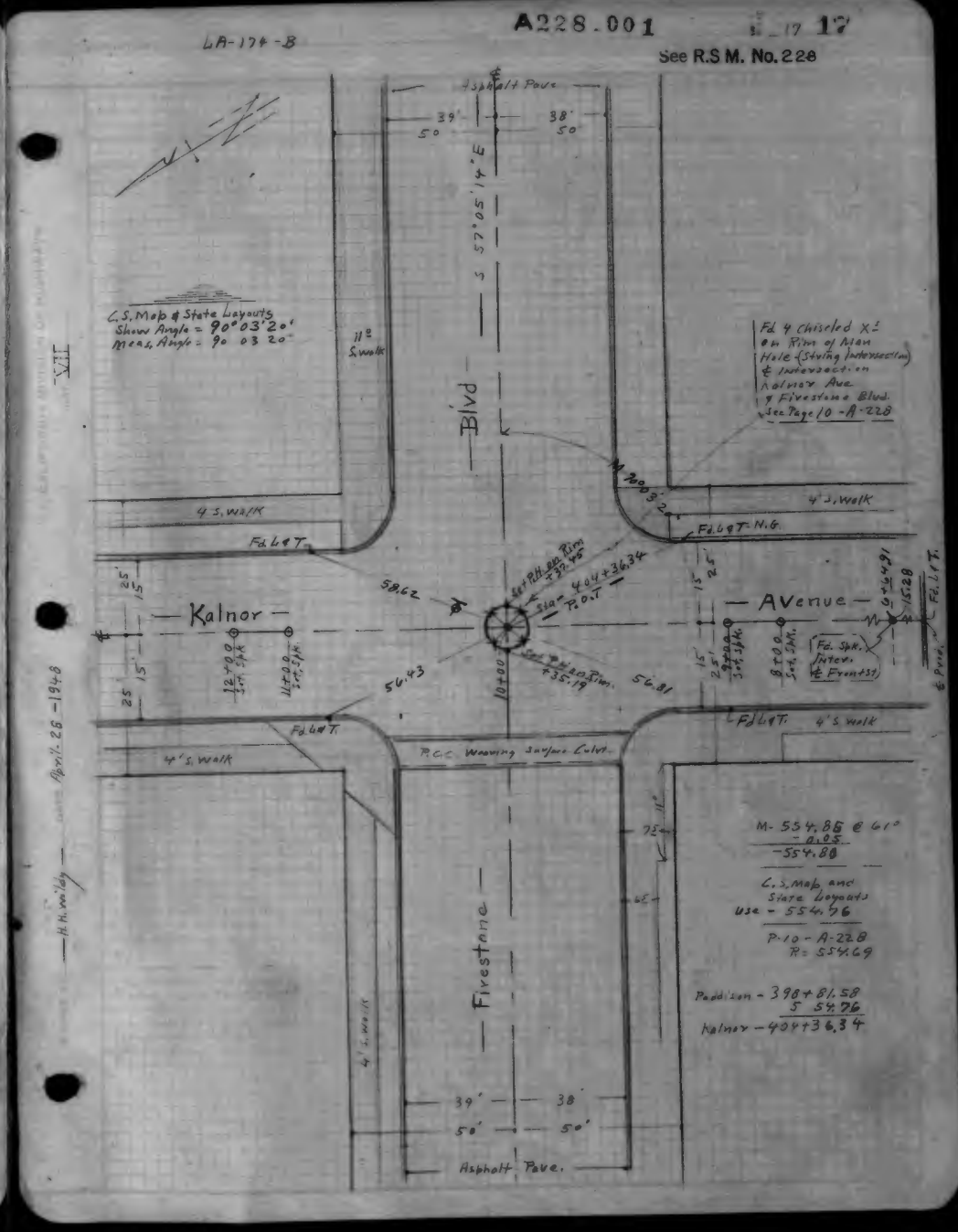
Set P.K. on Sq. Hd. D Spike & wash Sta. 379+36.44

— Firestone — Blvd. —

F.B. 1041-127



F.B. 1041-128



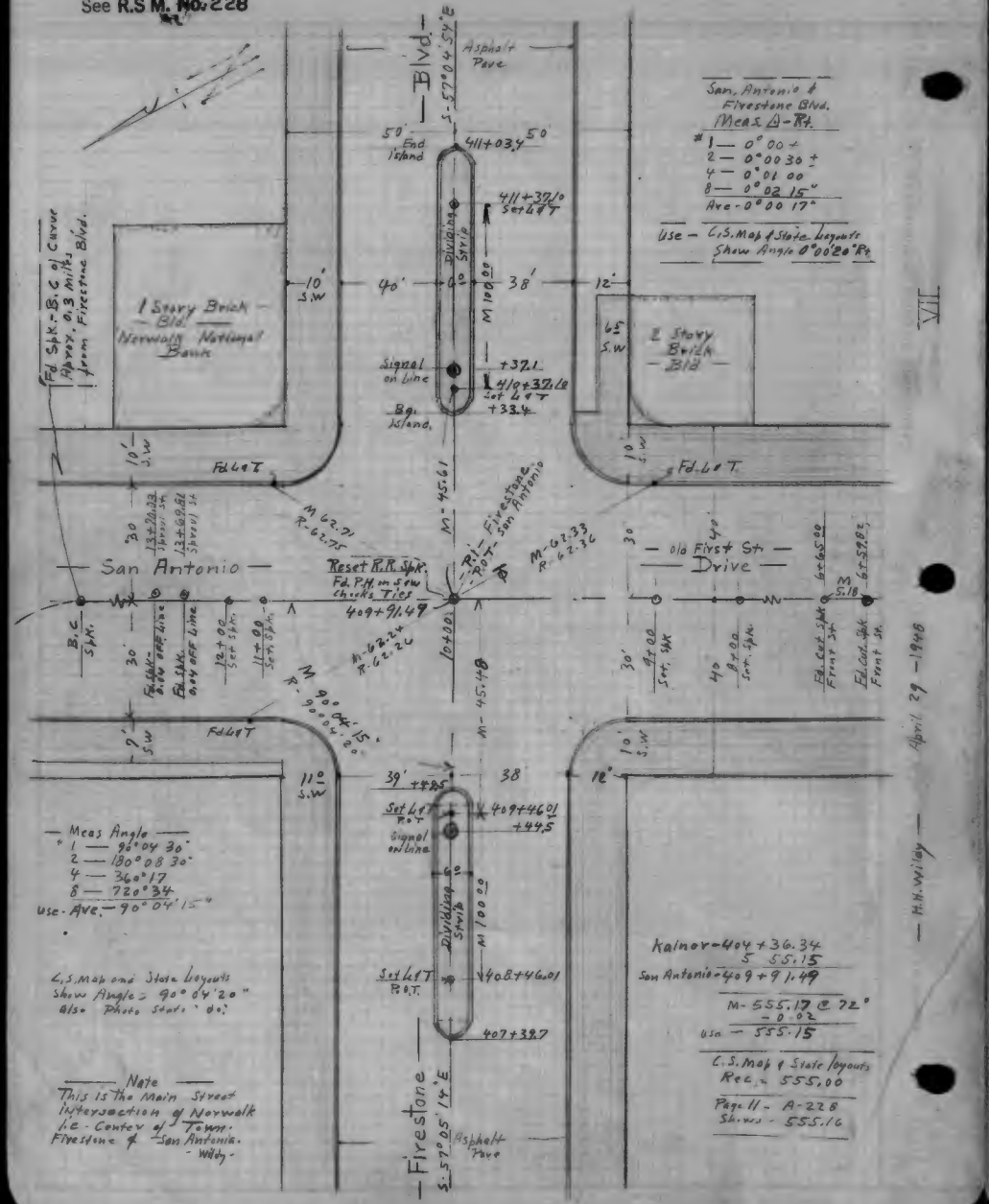
F.B. 1041-129

LA-174-B

A228.001

18B 18

See R.S.M. No. 228

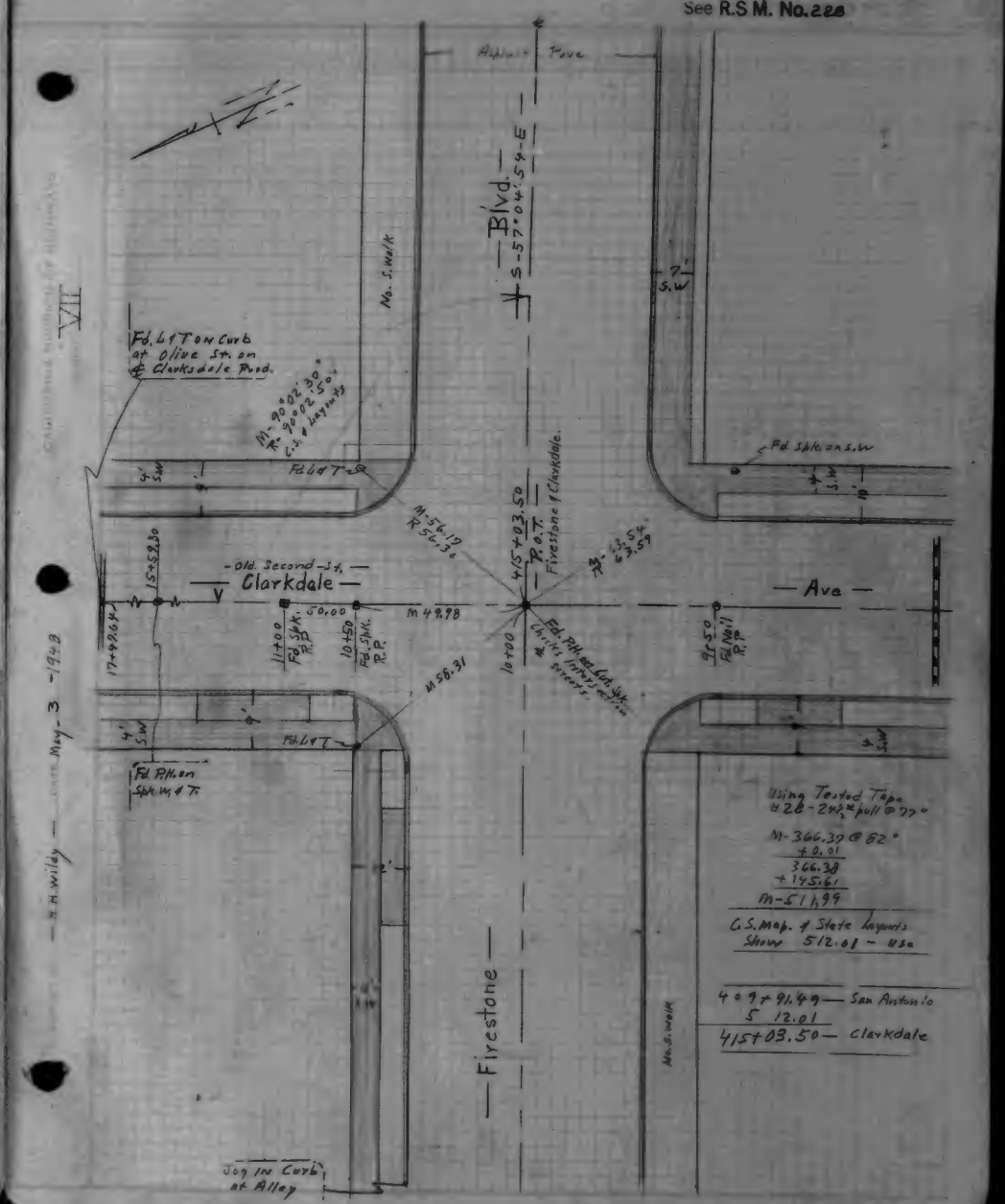


LA-174-B

A228.001

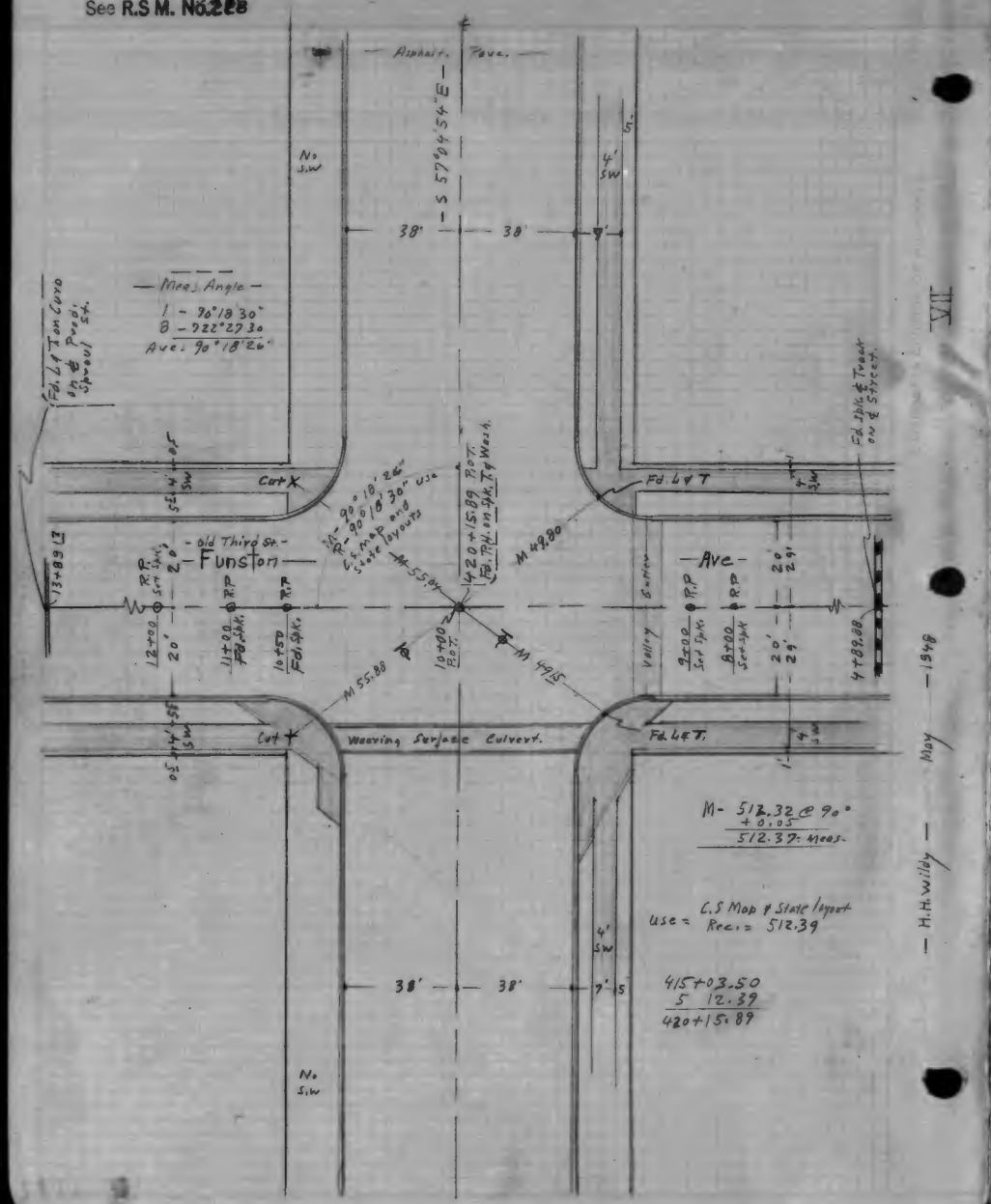
19 19

See R.S.M. No. 228

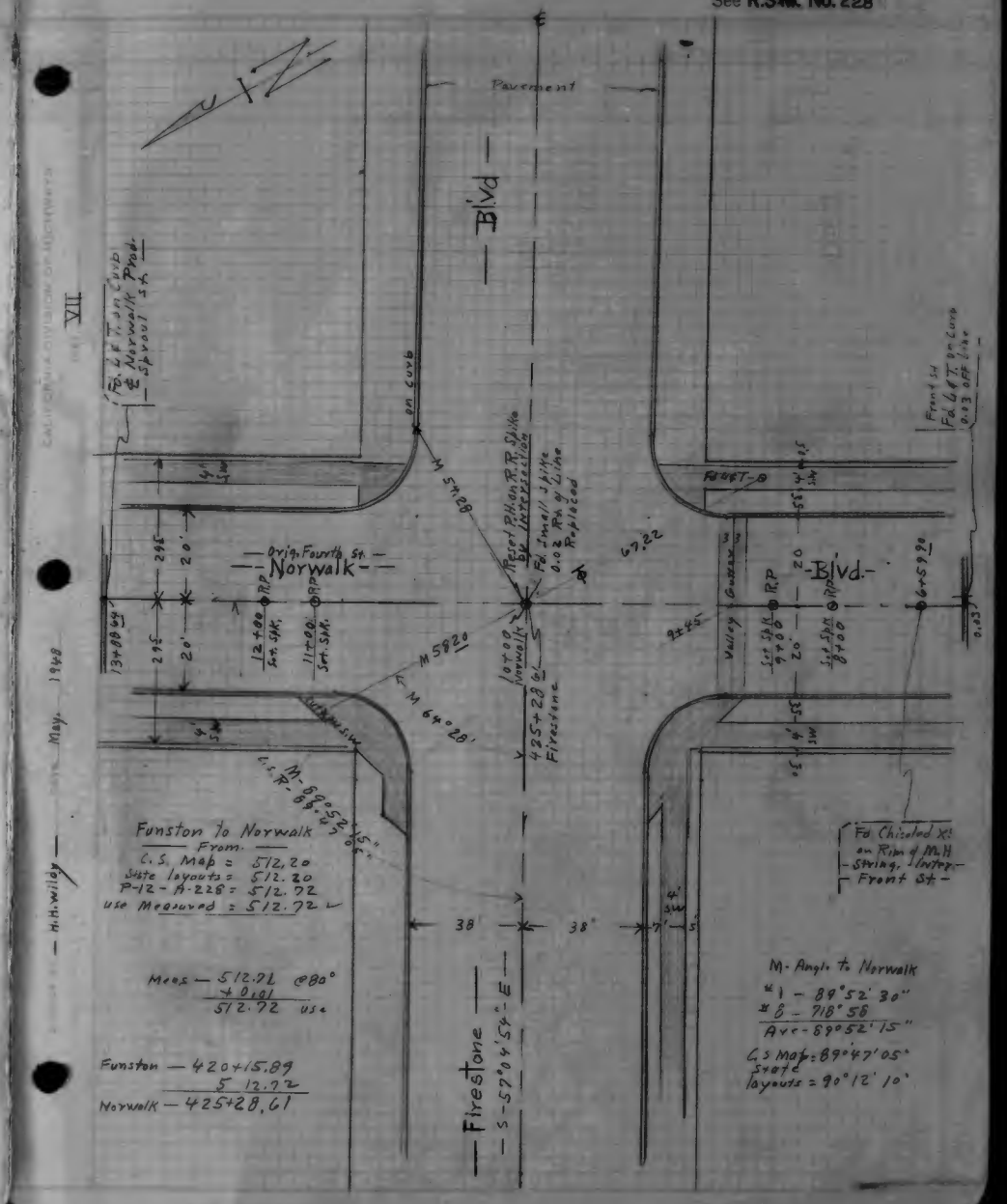


FB 1041-130

F.B. 1041-131



F.B. 1041-132



F.B. 1041-133

-LA-174-B-

A228.001

22

See R.S.M. No. 228

Fd Spk. Set in 6" Conc. Mon. (L.A.Co.) buried 14"

M 49.94

OUT

Set Spk. (Approx. Line) 30' Rt. of Sta. 435+00

Fd. Spk. out Rt. Removed

435+23.48

90°

Used Table #28 24½° pull @ 77°

434+32.5

38.2

434+19.8 End. Curb

M-596.16 @ 86°
+ 0.04
Use — 596.20 Corrected

From C.S Map - Shows 596.41
Page 13 - Book A-228 - 596.21

— S 57°04'54" E —

— P.O.T — 429+27.28
5 96.20
— P.O.T — 435+23.48

Reset Cut Spk. & Wash by Intersection

Fd. Spk. 0.45' Rt. of line Removed

Fd. Spk. Set in 6" Conc. Mon. (L.A. Co.) buried 15"

M-49.91

M-50.06

Fd. Spk. Set in 6" Conc. Mon. (L.A. Co.) buried 18"

— P.O.T — 429+27.28

M-398.64 @ 88°
+ 0.03
Use — 398.67 — O.K.

C.S. Rec. = 399.20
P.13 A-228 = 398.71

428+94.4 End Curb

38.2

Norwalk - 425+28.61
3 98.67 O.K.
— P.O.T — 429+27.28

6" Conc.

Pavement

— H.H. Wiley — May - 5 - 1948

VII

F.B. 1041-134

-LA-174-B-

A228.001

23

See R.S.M. No. 228

Rosecrans

Bloomfield Ave

Fd. Nail in 2x2 2" below Rd. Surface

Nothing Set.

Fd. P.H. on Sewer 2" below Rd. Surface

Firestone Blvd.

— S 57° 04' 54" E —

M-912.53
R-712.50

Firestone & Bloomfield
— Meas. — Angle —
#1 — 56°36'30
2 — 113°13
4 — 226°25'30
8 — 92°52'
Average 56°36'30"

Bloomfield & Rosecrans
— Meas. Angle —
#1 90°02
2 180°04'30"
4 360°09'
8 720°18'30"
Avg. 90°02'19"

Fd. Spk. & Wash on Old A.C. Pave. buried 4" (Removed) Reset P.K. on 1" Bolt on Surface of Present Road. Hole filled with Rec. Grout. Identical Position. Note - About 4" of Plant Mix covering over Old A.C. Pave.

M-90°02'19"
(P-90°02'10")
C.S. Map & Layouts

6+08.27 Spk.

6+08.21 Nothing Set

See Page 37 Book A-228

Set C.O. & T 10/18/50 (R)

126.39

90°

Fd. Spk. Set in 6" Conc. (Circular) Mon. — L.A. Co. — buried 27"

M-50.00

M-50.00

Fd. Spk. in 6" Conc. (Circular) Mon. L.A. Co. — buried 19"

— M-1501.60 @ 82°
+ 0.05
— 1501.65 - Corrected

— H.H. Wiley — May — 1948

Foster Rd.

Bloomfield

Set C.O. & T 10/18/50 (R)

M-56°36'30"
R-56°36'40"
C.S. Map & State Layouts

M-97.01

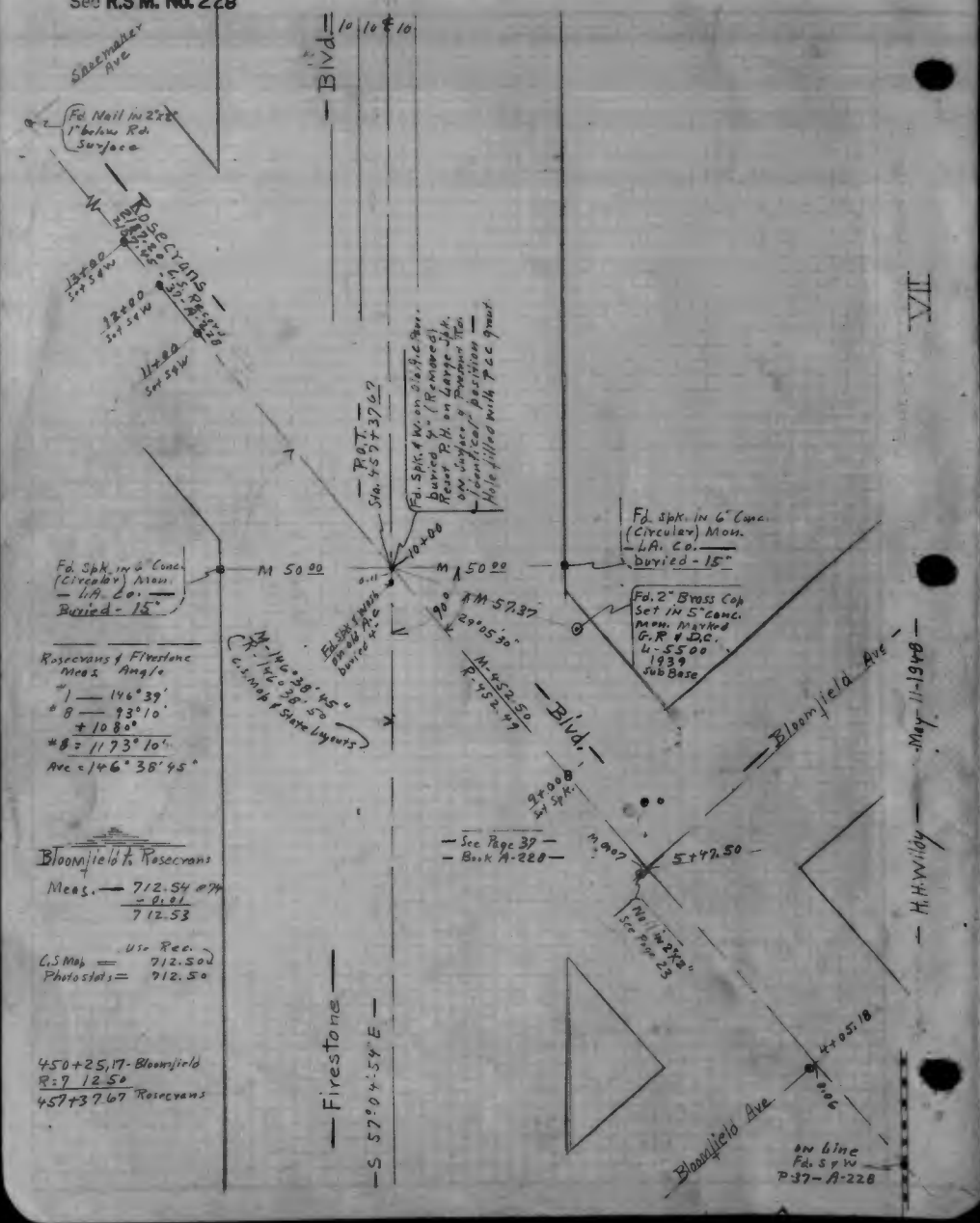
C.S. Map #8818 - Rec. = 1501.69 - Use
Photo Stats Rec. = 1501.69 - Use
Align Notes Page 13 - = 1501.63
Book A 228

— P.O.T — 435+23.48 —
15 01.69
Bloomfield — 450+25.17 — P.O.T —
— 97.01
— P.O.T — 449+28.16 —

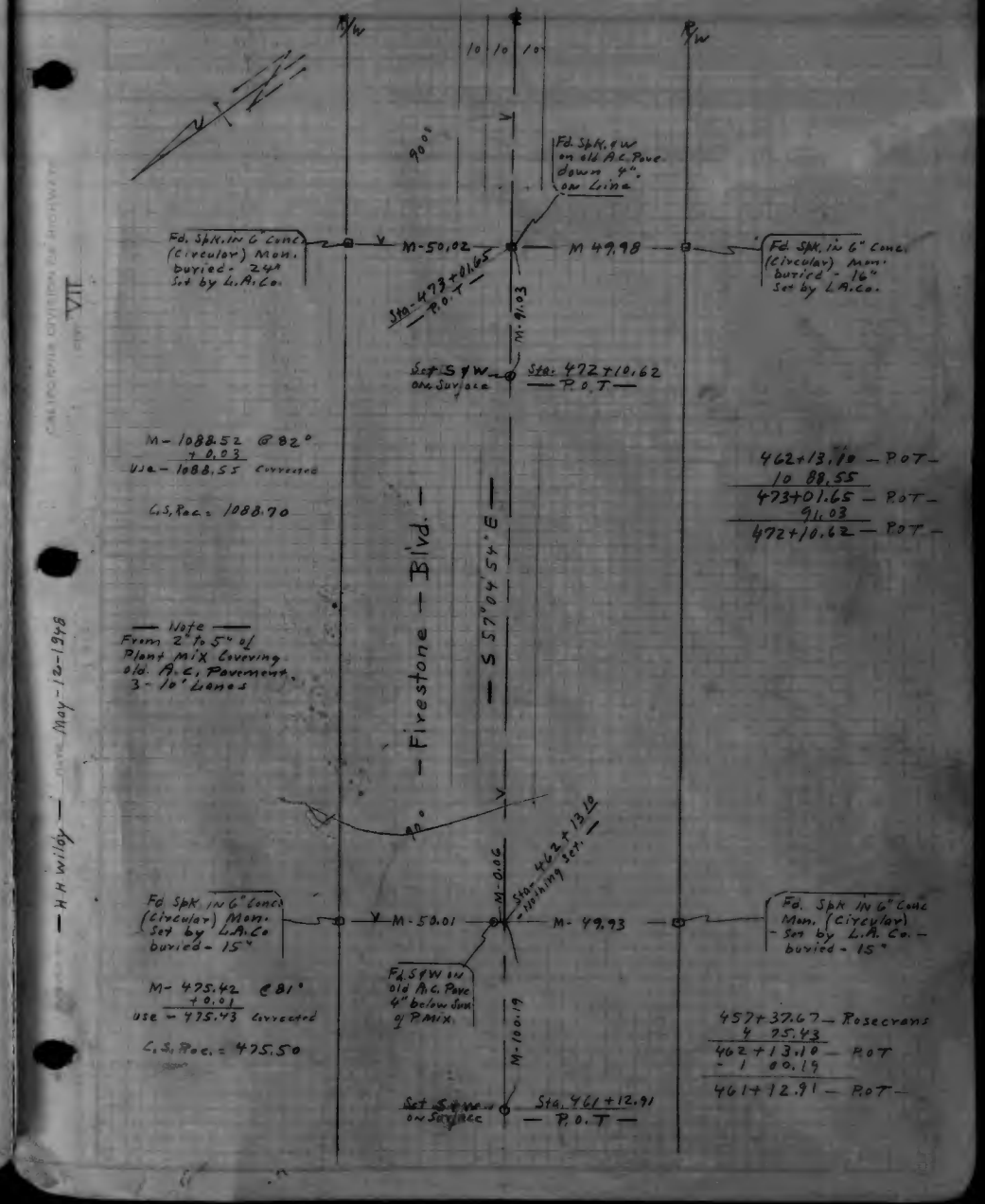
Fd. Nail in 2x2 2" below Rd. Surface 0.45 Mile ± North of Firestone

F.B. 1041-135

See R.S.M. No. 228

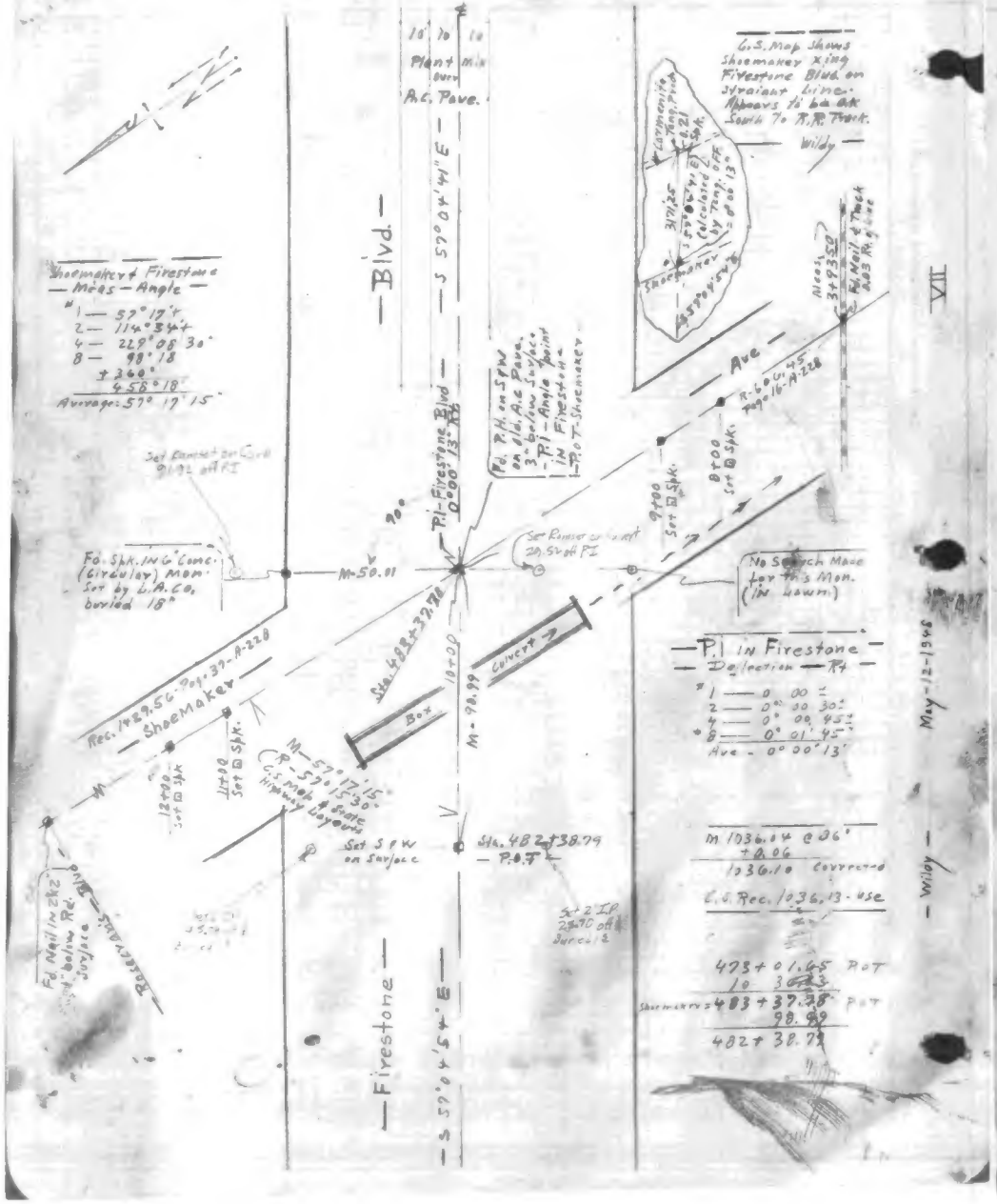


F.B. 1041-136



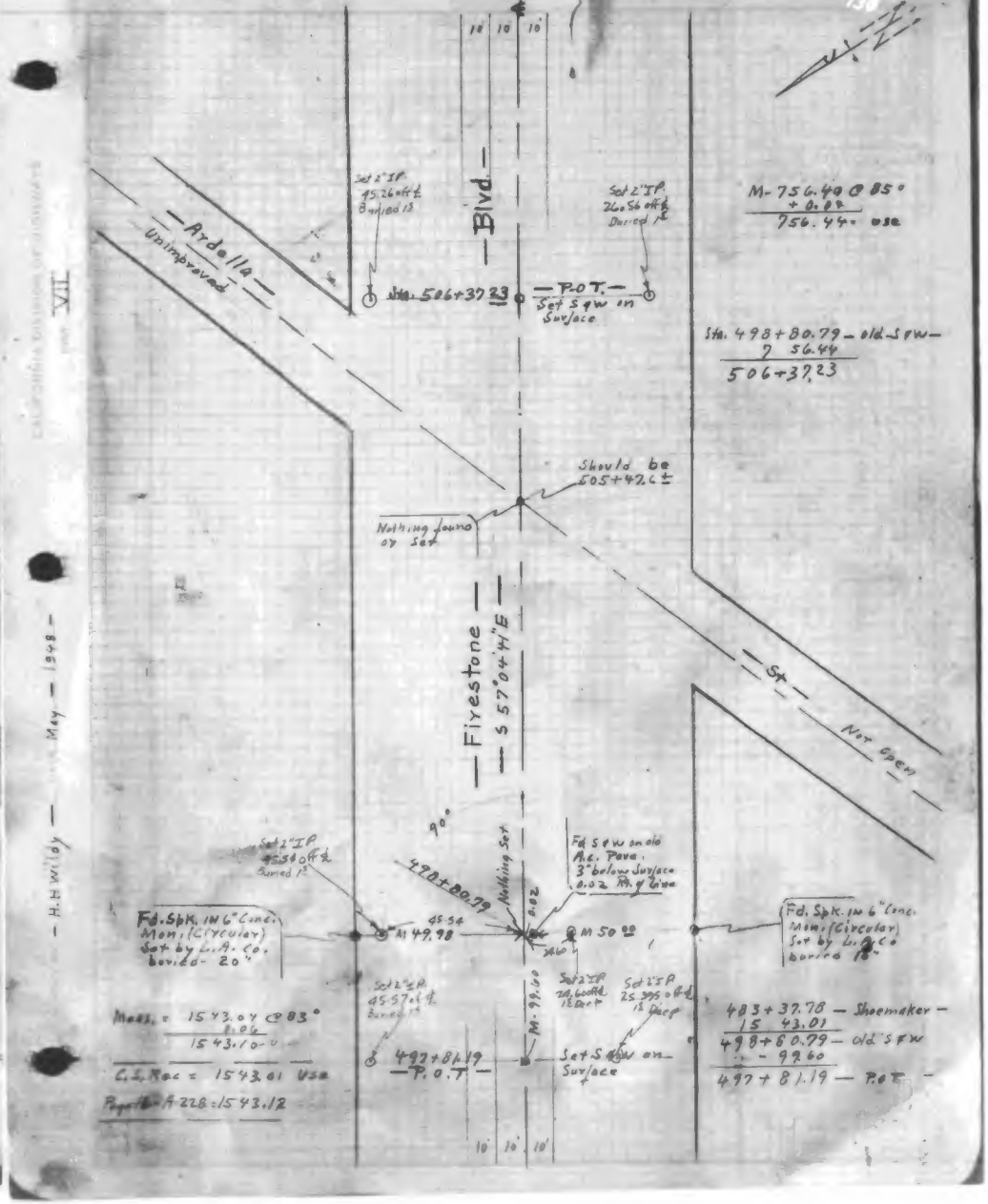
F.B. 1041-137

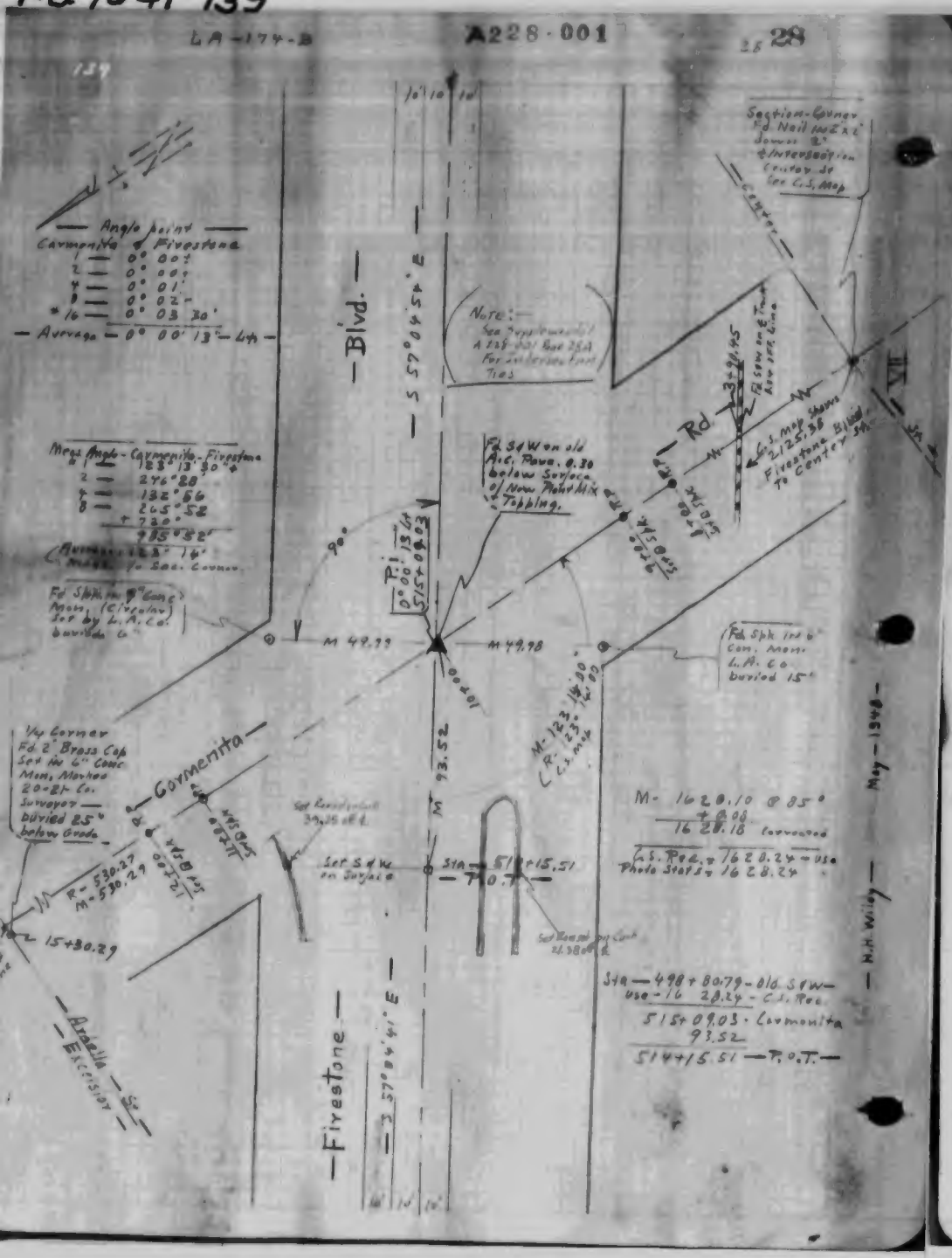
LA-174-B A228-001 26

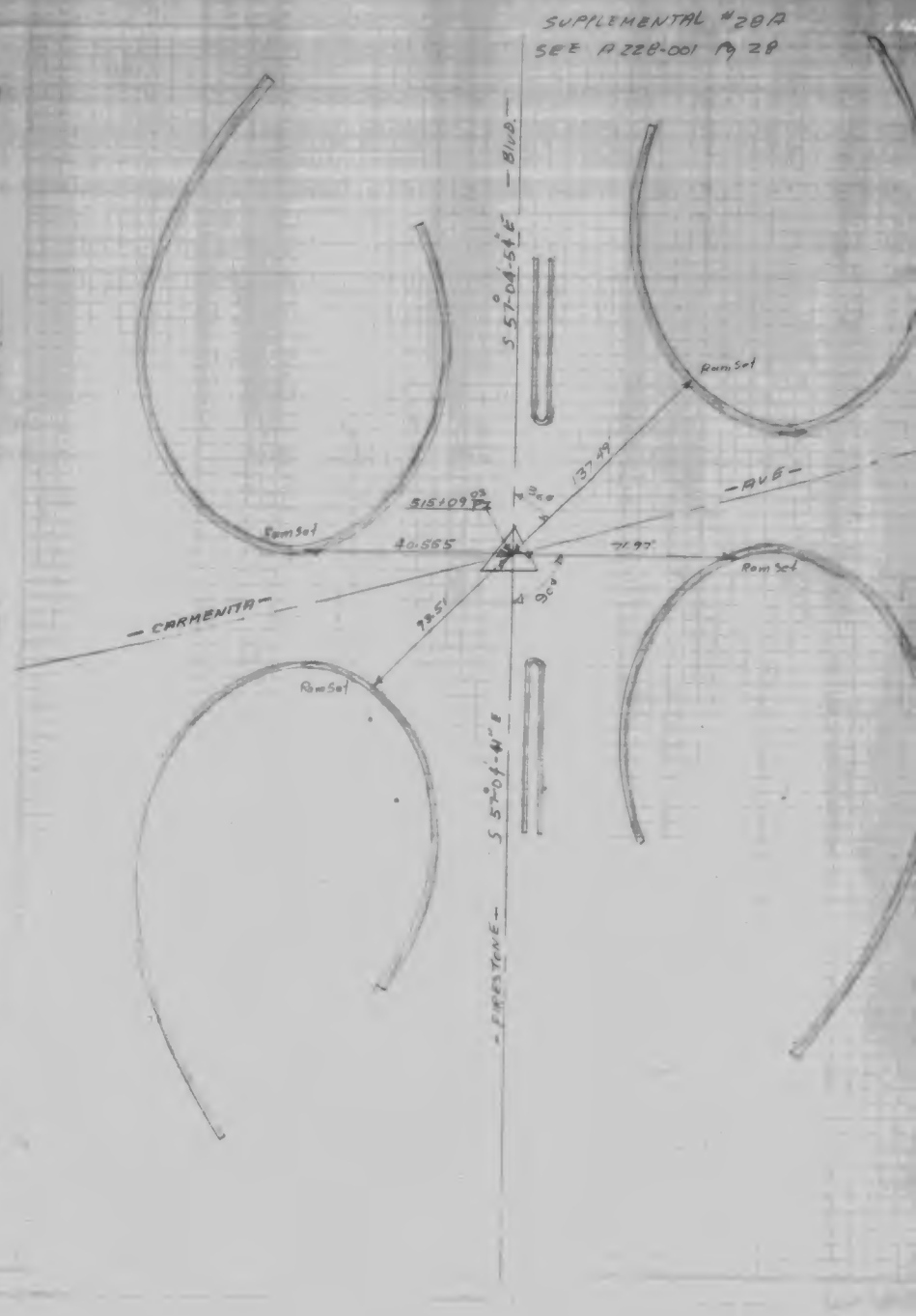


F.B. 1041-138

LA-174-B A228-001 27

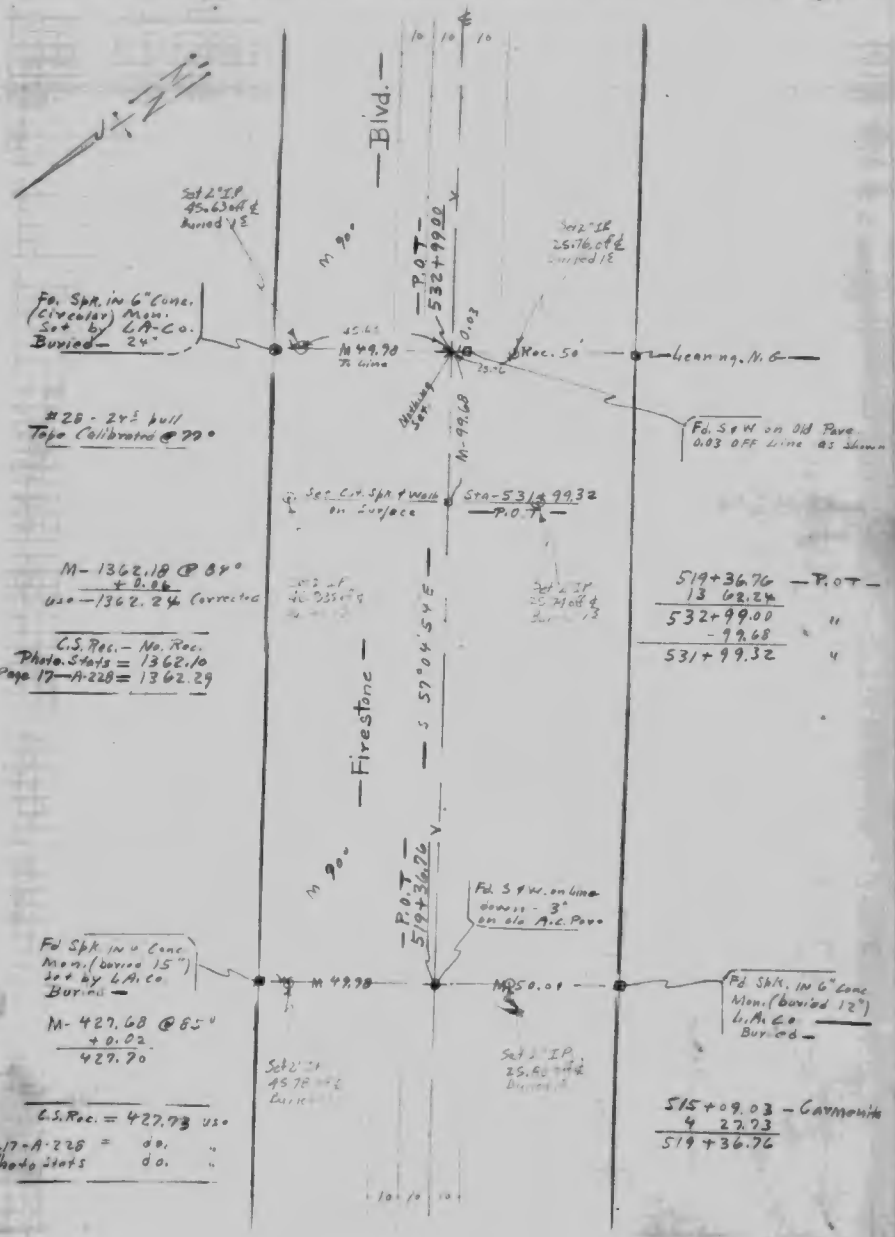


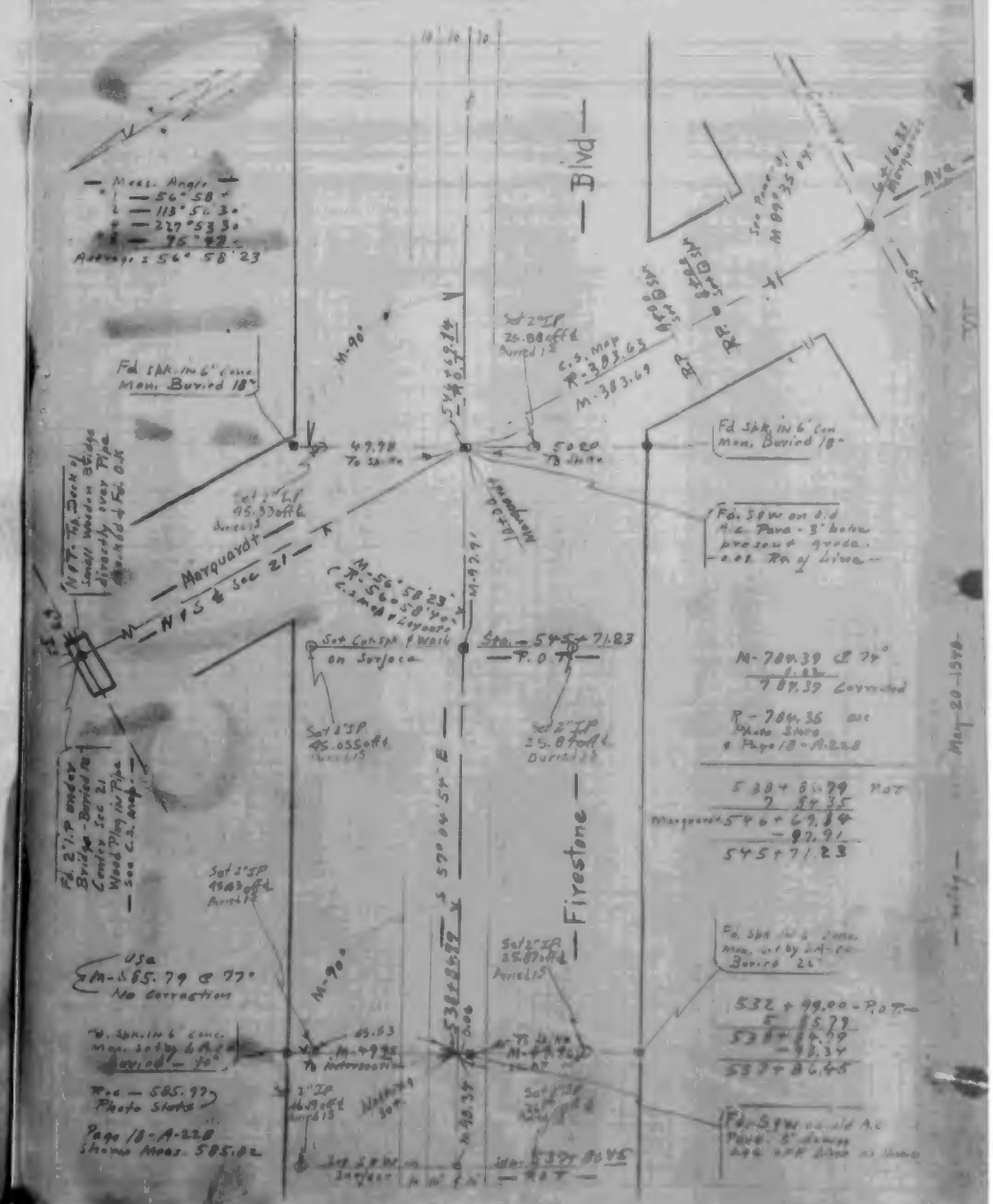

Angle point
Carmenita Firestone
1 — 0° 00'
2 — 0° 00'
4 — 0° 01'
8 — 0° 02'
* 16 — 0° 03 30'
Average — 0° 00' 13" — Lt —
Meas Angle - Carmenita - Firestone
1 — 123° 13' 30"
2 — 276° 28'
4 — 132° 56
8 — 245° 52
720°
Average 123° 16'
Section Corner
Fd Spk in 8" Conc Mons (Civ Eng) Set by L.A. Co. buried 6"
M 49.99
M 49.98
Blvd.
S 57°04'54" E
Note:— See Supplemental A 228-001 Pg 28A For intersection Point Ties
Fd S&W on old A.C. Pave. 0.30 below Surface of New Pavement Topping.
Rd.
Section-Corner Fd. Nail in 2" x 2" Sawed 2" ¢ Intersection Century St See C.S. Map
Centerline
Fd Spk in 6" Conc. Mons. L.A. Co. buried 15'
Vly Corner Fd 2" Brass Cap Set in 6" Conc Mon, Marked 20-21 Co. Surveyor — buried 25" below Grade
Carmenita
Set S&W on Surface
Sta — 511+15.51 — P.O.T.
M- 1628.10 @ 85°
+ 0.08
1628.18 Corrected
C.S. Rec. = 1628.24 = Use
Photo Stat = 1628.24
Sta — 498+80.79 - Old S&W — Use - 1628.24 - C.S. Rec.
5154+09.03 - Carmenita
93.52
5144+15.51 — P.O.T.
Firestone
S 57°04'41" E
15+30.29
Arbella
Excelsior
St.
May — 1948
H.H. Wiley


SUPPLEMENTAL #28A
SEE A228-001 Pg 28
Blvd.
S 57-04-54" E
Rem Set
Ave
5154+09.03
137.49
40.565
71.97
90°
Carmenita
73.51
S 57°04'41" E
Firestone

F.B. 1041-141

— LA-174-3 — A228-001 29



F.B. 1041-142

— LA-174-3 — A228-001 30