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Department of Public Works

900 S. Fremont Ave

Survey Public Counter

Alhambra, CA 91803

FB 1320-5 A 91.1-1 FB 1320-6

A4 Line STATE OF CALIFORNIA DIVISION OF HIGHWAYS 1A

Co. L.A. Rt. 60 Sec. A Date 12-19-36 Page 65

Station				
+50		9°44.1		
		9 26.9		
583		9°09.7		
		8 52.8		
+50		8°35.6		
✓		8 18.2		
582		8°01.0		
		7 43.8		
+50		7°26.6		
		7 09.4		
581		6°52.2		
		6 35		
+50		6°17.5		
		6 00.6		
580		5°43.5		
+93.66	P.O.ST.	5 26.3		
+75 +50		5°09.1		
		4 51.9		
579		4°34.7		
		4 17.5		
+50		4°00.3		
		3 43.1		
578		3°25.9		
		3 08.7		
577+50		2°51.6		

orig 3796.09
check 3795.94

Set 2"x2"x4 T

Continued from F.B. 1319-110

FB 1320-7 A 91.1-2 FB 1320-8

A4 Line

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

2A

Co. L.A. Rt. 60 Sec. A Date 12-19-36 Page 66

Station					
+50		15°27.5			
		15 10.1			
588		14°53.1			
		14-36.0			
+50		14°18.8			
		14 01.6			
587		13°44.4			
		13 27.2			
+50		13°10.0			
		12 52.8			
586		12°35.6			
+75		12-18.4	Δ=45°50'15" R=2500' L=2000.04' T=1057.01 Ext=214.27'		
+57.50	P.I.				
+50		12°01.6			
+25		11-44.5			
+00.51	M.P.C.	11°27'30"			
585		11°27.3			
		11-10.1			
+50		10°52.9			
		10 35.7			
584		10°18.5			
		10 01.3			
583+50		9°44.1			

3497.05 original
3496.85 check

N62°34'10"E

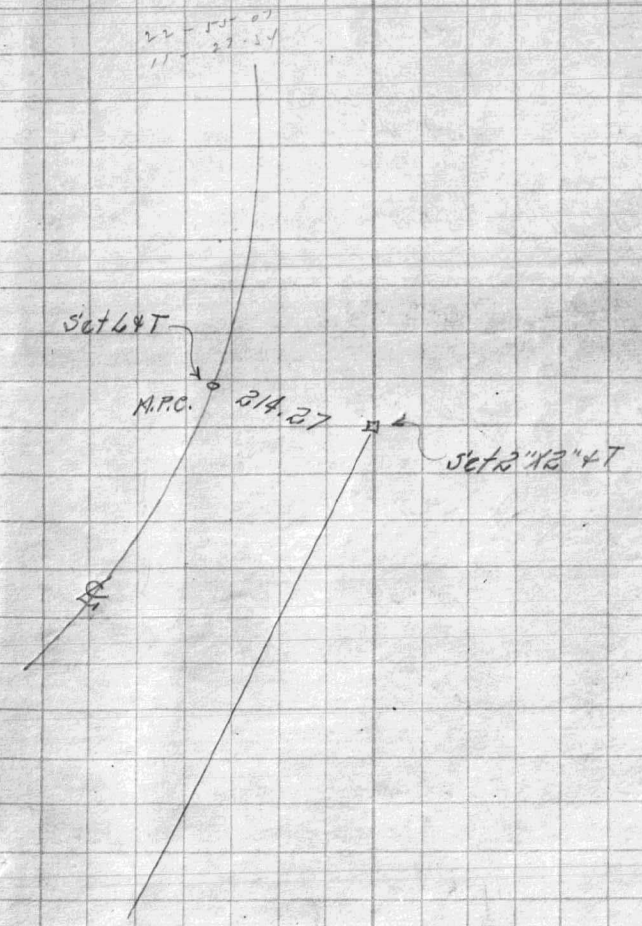
Check 1057.01 HRK

original 2478.77'

original 379.609

S71°35'35"E

check chained = 37.9594



FB 1320-9 A 91.1-3 FB 1320-10

A4 Line STATE OF CALIFORNIA DIVISION OF HIGHWAYS 3A

Co. L.A. Rt. 60 Sec. A Date 12-19-36 Page 67

Station					
595+00 53		22° 55.12			
+50		22° 20.1			
+25		22 02.9			
594		21° 45.7			
+75		21 28.5			
+50		21° 11.3			
+25		20 54.1			
593		20° 36.9	96.9		
		20 19.8	34.3		
+50		20° 02.6	62.6		
		19 45.4	54.4		
592		19° 28.2	17.2		
		19 11			
+50		18° 53.8			Set 2"x2"&T 472.76 from P.I.
		18 36.6			
591		18° 19.4			P.O.S.T.
		18 02.2			
+50		17° 45.0			
		17 27.9			
590		17° 10.7			
		16 53.5			
+50		16° 36.3			
		16 19.1			
589		16° 01.9			
		15 44.2			
588+50		15° 27.5			

A4 Line STATE OF CALIFORNIA DIVISION OF HIGHWAYS 4A

Station Co. L.A. Rt. 60 Sec. A Date 12-19-36 Page 68

~~604+36.27 P.O.T.~~

605+14.23 POT

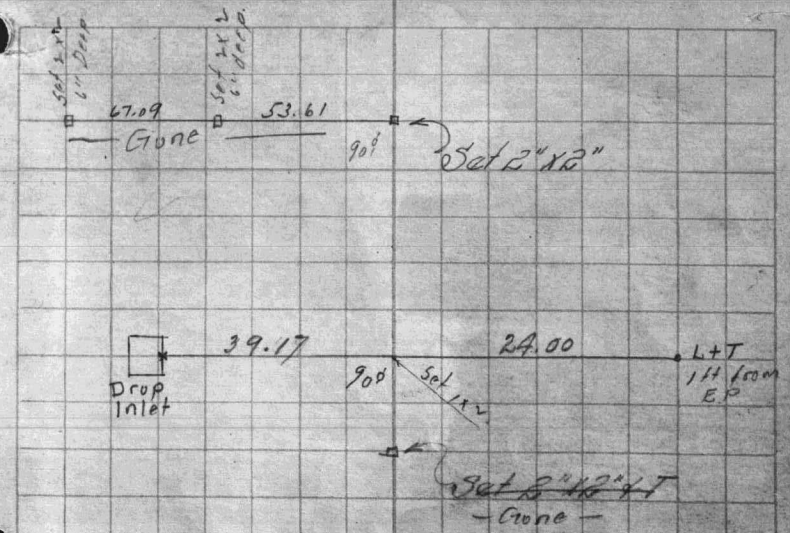
~~602+20.94 P.O.T.~~

+00.53 E.C. 22°35'7½"

595 22°34.5

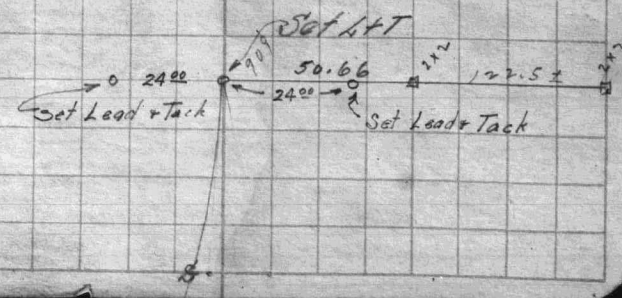
+75 22°37.3

594+50 22°30.1



Set on E.C. Back sight on P.I.
120.89' at 1°22'30" Rt. Old L+T.

36.07' at 3°40' Lt. L+T mkd.
574+66.71 E.C.

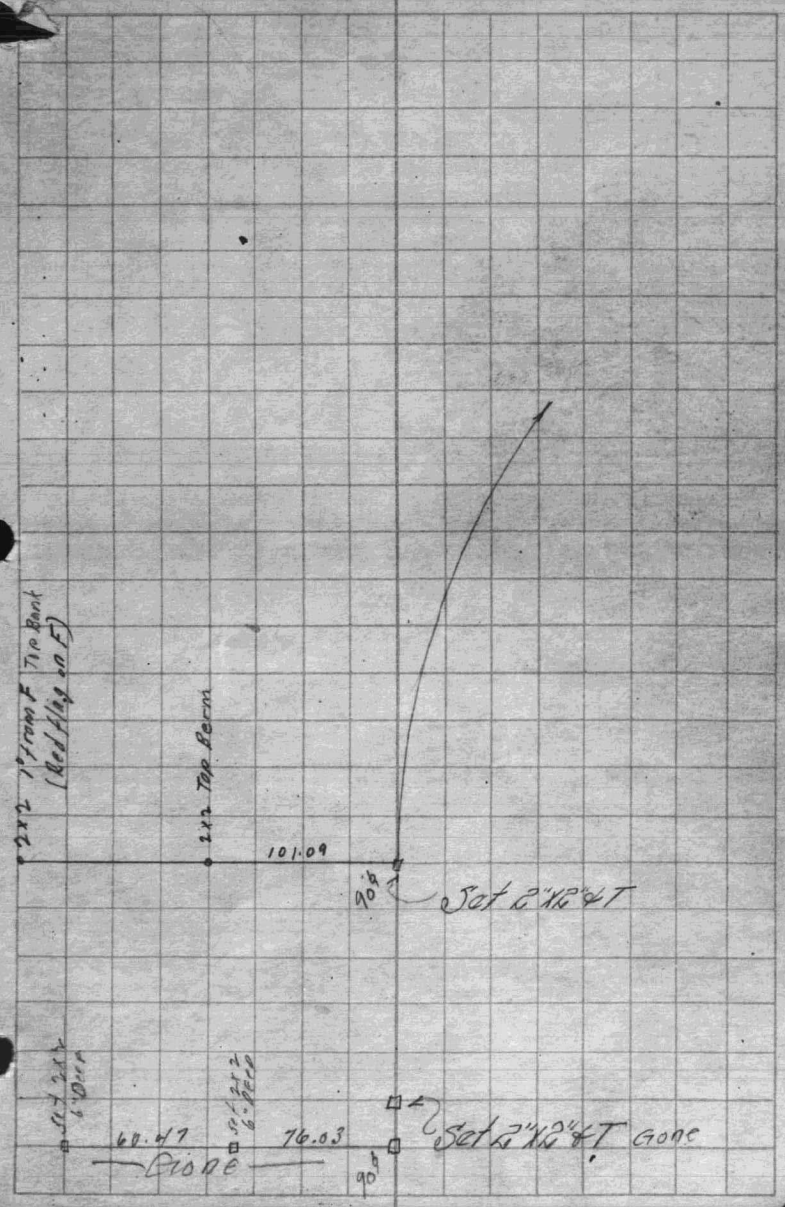


STATE OF CALIFORNIA DIVISION OF HIGHWAYS

A Line

Co. L.A. Rt. 60 Sec. A Date 12-21-36 Page 69 54

Station					
+75			1° 07.8		
+50			0° 59.2		
+25			0° 50.6		
616			0° 42.0		
+75			0° 33.4		
+50			0° 24.8		
+25			0° 16.2		
615			0° 06.7		
614+77.83	B.C.		0°00'00"		
613+66.28	POT	2x4	10-13-39		
611+18.71	P.O.T.				
611+13	POT	Set 2x4	10-13-39		



FB 1320-15

A 91.1-6

FB 1320-16

STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Co. L.A. Rt. 60 Sec. A Date 12-21-36 Page 70

Station	Line			
		Δ=10°34'30" R=5000' T=462.74' L=922.84' Ext=21.37'		N73°09'40"E
+40.57	P.I.			
+40				
+39.25	M.P.C.	original 3497.05' check 3496.85	2°38'37½"	
+25			2°33.7	
619			2°25.1	N62°34'10"E
+94	B.C.R.		2°23.0	
+75			2°16.5	
+50	B.C.R.		2°07.9	
+25			1°59.3	
618			1°50.7	
+76.44	P.O.S.T.			
+75			1°42.1	
+50			1°33.5	
+25			1°24.9	
617			1°16.3	
616+75			1°07.8	

6A

Set 2"x2"x T

Set 1"x2"x T

℄

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. L.A. Rt. 60 Sec. A Date 12-21-36 Page 71

Station	Line				
+25			4° 16.7	✓	
622			4° 08.1	✓	
+75			3° 59.6	✓	
+50			3° 51.0	✓	
+25			3° 42.4	✓	
621			3° 33.8	✓	
+75			3° 25.2	✓	
+50			3° 16.6	✓	
+25			3° 08.0	✓	
620			2° 59.4	✓	
+75			2° 50.8	✓	
+50			2° 42.2	✓	
+40			2° 38.8		
619+59.25	M.P.C.		2° 38' 37½"		

Set 2"x2"x T
113.06 from P.I.
P.O.S.T.

state Hwy A 91-1-9 is Blank.

FB 1320-19

A 91.1-8

FB 1320-20

A4 Line

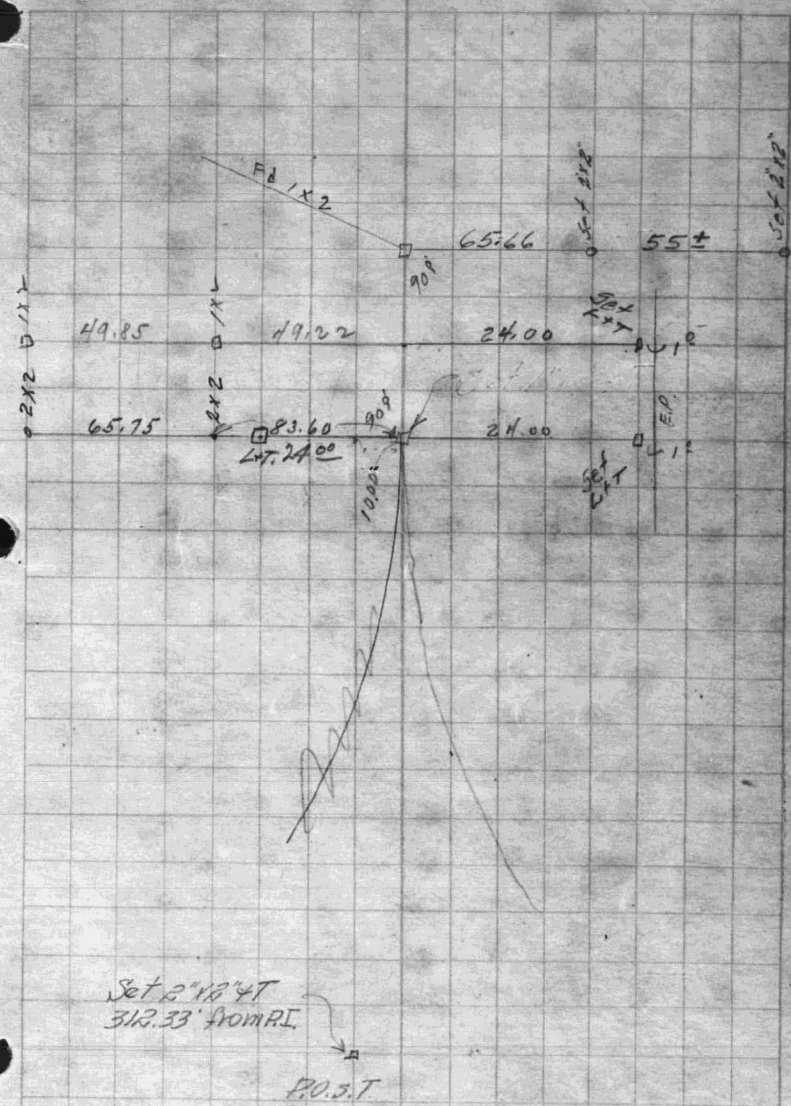
STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

633+82.20 8A

Co. L.A. Rt. 60 Sec. A Date 12-21-36 Page 72

Station				
633+82.20	POT			
629+11.85	POT			
+00.67	E.C.		5° 17' 15"	N 73° 08' 40" E
624			5° 16.9	
+75			5° 08.3	
+50			4° 59.7	
+25			4° 51.1	
623			4° 42.5	
+75			4° 33.9	
+50			4° 25.3	
622+25			4° 16.7	



State Hwy pg 9 Blank

State Hwy. A 91.1-9 is Blank.

FB 1320-21 A-91.1-10 FB 1320-22

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

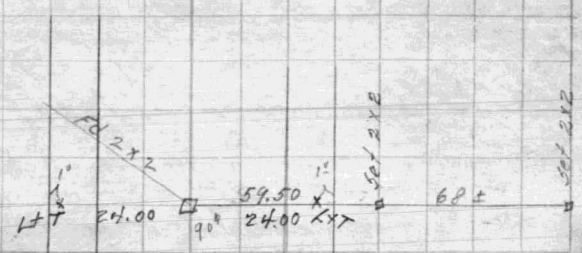
10A

Co. LA Rt. 60 Sec. A Date 12-22-36 Page 73

Station	Line			
639-	P.O.C.		2°23.6	✓
+75			2°09.3'	✓
+50			1°55.0'	✓
+25			1°40.7	✓
638			1°26.3'	✓
		Δ=21°31'15"Rt		
+75		R: 3000	1°12.0'	✓
		L=1126.83		
+50		T=570.13	0°57.7'	✓
		E: 53.60		
+25			0°43.4	✓
637			0.29.1	✓
+75			0°14.7	
+50			0°00.4	
636+49.29	B.C.		0°00'	

N 73°08'40" E
double chained

Blotter-Chief
Swanson
Bennet T
Keniston H.C.
Stocking R.C.
Weikert Stks
S. Salem Stks.



FB 1320-23 A 91.1-11 FB 1320-24

A4 Line

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

11A

Co. L.A. Rt. 60 Sec. A Date 12-22-36 Page 74

Blotter-Chief

Swanson & Party

Station					
642-			5°15.4'	✓	
+75			5°01.1	✓	
☆ +50			4°46.8	✓	
+25			4°32.5'	✓	
641-			4°18.2'	✓	
+75			4°03.8	✓	
+50			3°49.5'	✓	
+25			3°35.2	✓	
640			3°20.9'	✓	
+75			3°06.6	✓	
+73.13	Post				☐ Set 2"x2"+T
+50			2°52.2	✓	
+25			2°37.9	✓	
639-	P.O.C.		2°23.6		☐ Set 1"x2"+T

FB 1320-25 A 91.1-12 FB 1320-26

A4 Line STATE OF CALIFORNIA DIVISION OF HIGHWAYS 12A

Co. L.A. Rt. 60 Sec. A Date 12-22-36 Page 75

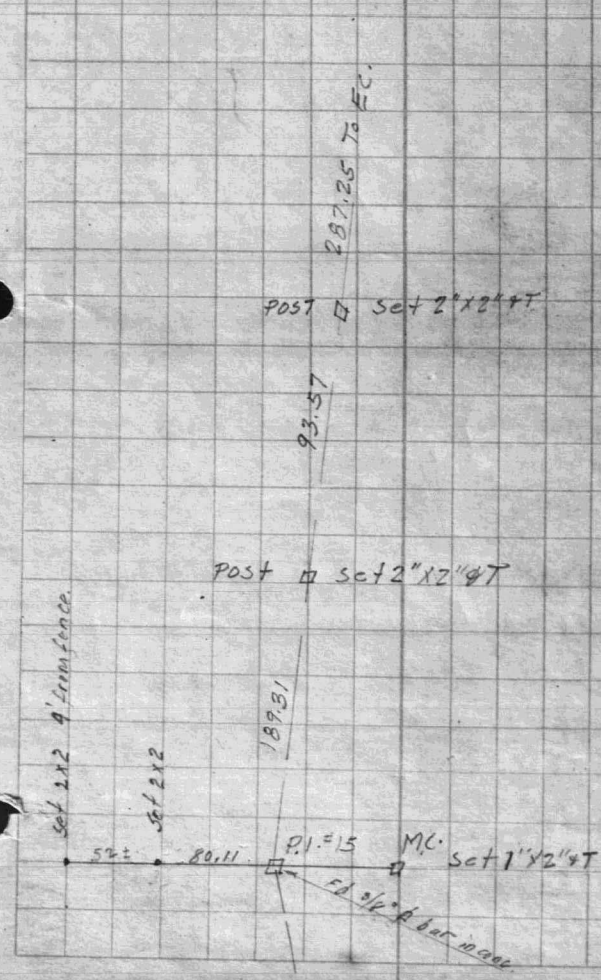
Blotter-Chief

Swanson & Party

Station				
☆ +50			7°38.6	✓
+25			7°24.3	✓
644-			7°10.0'	✓
+75			6°55.7	✓
+50			6°41.4	✓
+25			6°27.0'	
643-			6°12.7	✓
+75			5°58.4'	✓
+50			5°44.1	✓
+25		Δ=21°31'15"	5°29.8'	✓
		R=3000		
+19.42	P.I.#15	T 570.13		
		L=1126.83		
+12.70	M.C.	E=53.60	5°22.7	
642-			5°15.4	

S 85°20'05" E

N 73°08'40" E double chained



FB 1320-27 A 91.1-13 FB 1320-28

A4 Line STATE OF CALIFORNIA DIVISION OF HIGHWAYS 13A

Station Co. LA Rt. 60 Sec. A Date 12-22-36 Page 76

Blotter-Chief
Swanson & Party

Station					
+25			10°16.2'	✓	
647-			10°01.8'	✓	
+75			9°47.5'	✓	
+50			9°33.2'	✓	
+25			9°18.9'	✓	
646			9°04.6'	✓	
+75			8°50.2'	✓	
+50			8°35.9'	✓	
+25			8°21.6'	✓	
645-			8°07.3'	✓	
+75			7°53.0'	✓	
644+50			7°38.6'	✓	

FB 1320-29 A 91.1-14 FB 1320-30

A4 Line STATE OF CALIFORNIA DIVISION OF HIGHWAYS 154

Station Col. A Rt. 60 Sec. A Date 12-27-36 Page 77

Blotter Chief

Swanson + Party

Station	Line		
662+30.54	Post		
656+73.91	P.O.T.		
653+37.04	P.O.T.		
647+76.12	E.C.	10°45'37½"	
+75		10°44.8'	
+50		10°30.5'	
647+25		10°16.2'	

181.83 T.P.

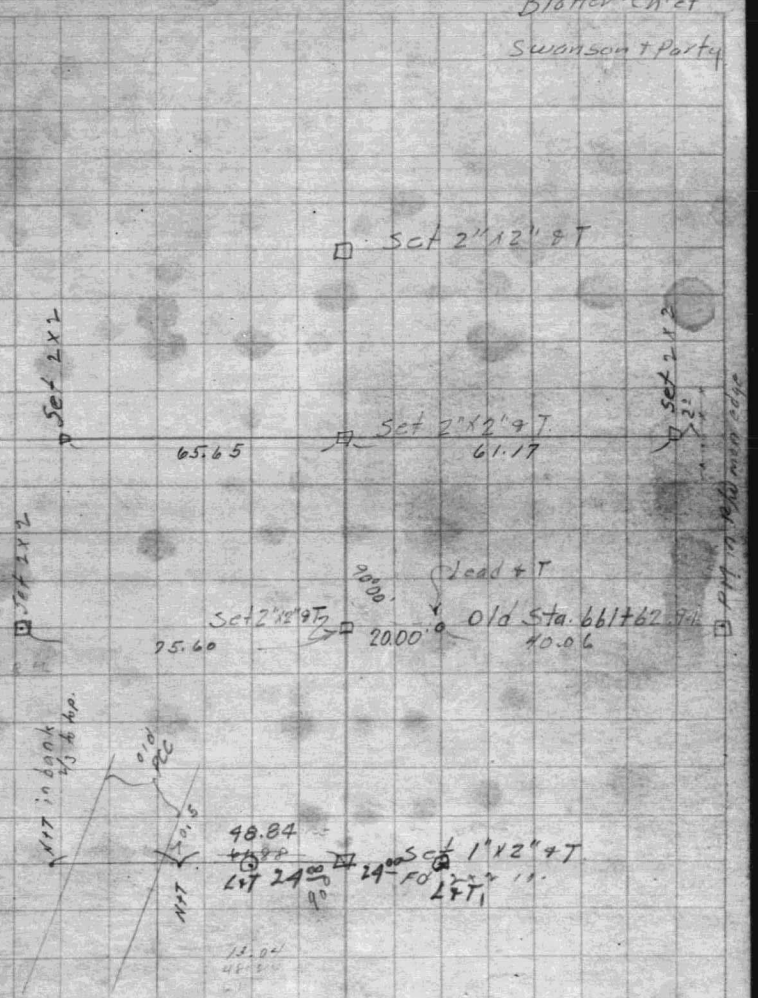
556.68

check chain

(336.77)

(560.89)

S 85°20'05" E



FB 1320-31 A 91.1-15 FB 1320-32

A4 Line STATE OF CALIFORNIA DIVISION OF HIGHWAYS 16A

Station Co. LA Rt. 60 Sec. A Date 12-23-36 Page 78

Blotter-Chief
Swanson Asst Ch
Bennett
Kenniston H.C.
Stocking
Weikert
Salem

Station			
+95.39	E.C.	3°30'	
+50		3°04.0	
665		2°35.4	
+50		2°06.7	Δ = 7°00'
			R = 3000
+12.36	P.I. #16		T = 183.49
			L = 366.52
+12.13	M.C.	1°45'	E = 5.61
			C = 366.29
664 -		1°38.1'	
+50		1°09.4'	
663 -		0°40.8'	
+50		0°12.1'	
662+28.87	B.C.	0°00'	

N 87°39'55" E
N 87°30' E
Map
S 85°20'05" E
S 85°15' E

See Page 78a.
for revised notes
and curve data
2-24-37

Set 1"x2" & T
Set 2"x2" & T
P.I. #16
20.05
Radial Line
Lead Div. T
Old Sta. 672+39.99
662
Set 2"x2" & T
622+30.54 POST
B.C.
Set 1"x2" & T

A4 Line

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

17A

Co. L.A. Rt. 60 Sec A Date 2-24-37 Page 78a

Station				
665+94.17	E.C.	3-30	19.06	N 87° 39' 55" E
+75		3-18.94		N 87° 30' E
+50		3-04.52		
+25		2-50.10		
665		2-35.68		
+75		2-21.26		
+50		2-06.84	Δ = 7°00'	
+25		1-52.42	R = 2980'	
+12.36	P.I. #16	1-45.	T = 182.26	Mag.
			L = 364.08	
			Ext = 5.57	
			C = 363.85	
664		1-38.00		
+75		1-23.58		
+50		1-09.16		
+25		1-54.74		
663		0-40.32		S 85° 20' 05" E
+75		0-25.90	~4.85	
+70		0-24.02		
+50		0-11.48	19.89	S. 85° 15' E.
662+30.09	B.C.			

Notes made up in office by B.L.G. HRK

1.22 Set 1"x2" & T. at old E.C. 665+95.39

Set 2"x2" & T. P.I. #16 Reset 10-16-39 RHC

20.05 Rad. Line (Ties over)

L.P. & T Old Sta 672+39.99

1.22 Set 1"x2" & T at old B.C. 662+28.87.

FB 1320-35 A.91.1-17 FB 1320-36

A4 Line

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. LA Rt. 60 Sec. A Date 12-23-36 Page 79

18A

Blotter Chief

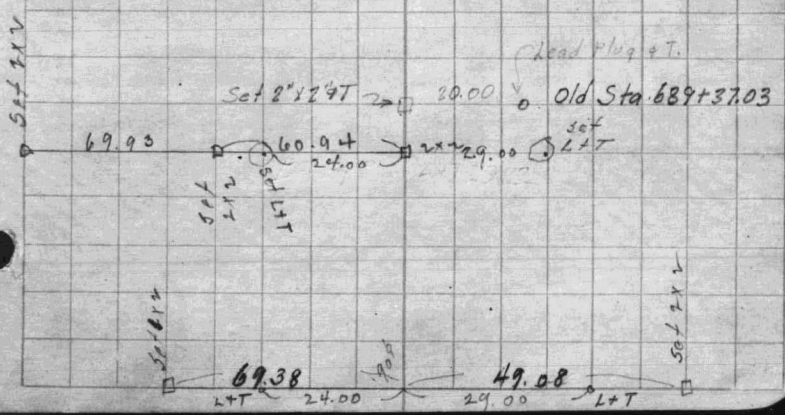
Swanson & Parts

Station					
681+06.92	POST				
681+05.48	BC				
674+45.85	POT				
673+36.22					

N 87° 39' 55" E

Check chain (661.07) ch.

(850.48) ch.



677+

FB 1320-36 A 91.1-18 FB 1320-38

19A

A4 Line

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. LA Rt. 60 Sec. A Date 12-24-36 Page 80

Blotter Chief

Swanson & Party

Station					
+75		3°47.6			
+50		3°37.7			
+25		3°27.7			
686		3°17.7			
+75		3°07.7			
+50		2°57.7			
+25		2°47.7			
685		2°37.7			
+75		2°27.7			
+50		2°17.7			
+25		2°07.7			
+20		2°05.7			
684		1°57.7	A=23°15' Lt		
+75		1°47.7	R=4300		
+50		1°37.7	T=884.62		
+25		1°27.7	L=1744.89		
+07		1-20.7			
683		1°17.8	E 90.05	1-15	
+75		1°07.8			
+50		0°57.8		0-55	
+35		0°52.0			
+25		0°47.8		0-46	
+05		039.9			
682		0°37.8'		0-36	
+75		0°27.8'		0-27	
+50		0°17.8'		0-17	
+25		0°07.8'			
681+05.48	B.C.	0°00'			

684+20
+50

682+05
681+75

FB 1320-39

A 91.1-19

FB 1320-40

20A

STATE OF CALIFORNIA DIVISION OF HIGHWAYS

Co. LA Rt. 60 Sec. 17 Date 12-24-36 Page 81

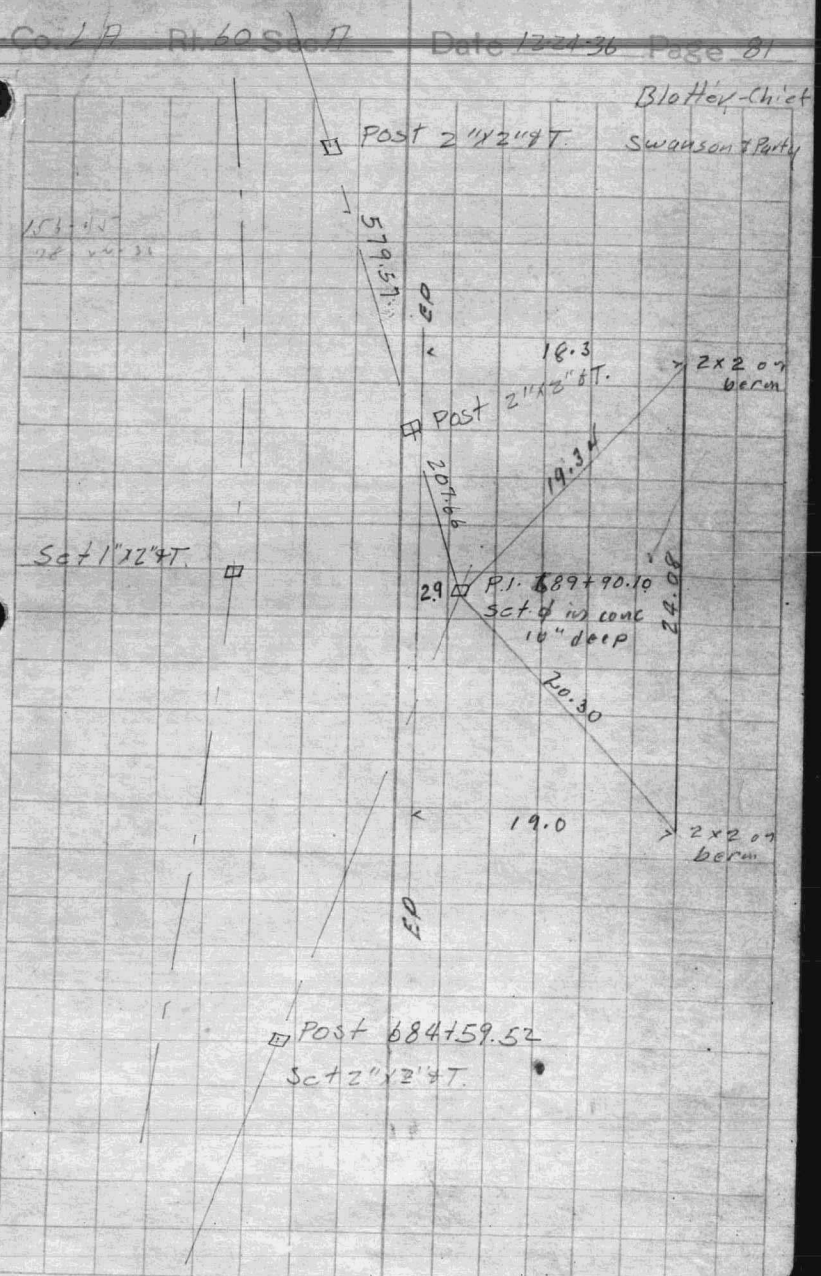
Blotter-Chief

Swanson & Party

Station	Line			
+60		7°41.5		
+50		7°37.5		
+35		7°31.7		
+25		7°27.5		
+20		7°25.4		
692		7°17.5		
+75		7°07.5		
+50	P.O.C.	6°57.5		
+25		6°47.5		
691		6°37.6		
+80 Calif		6°29.6		
+75		6°27.6		
+50		6°17.6		
+25		6°07.6	Δ=23°15' Lt.	
690		5°57.6'	R=4300	
+90.10	P.I. #17			
+77.92	M.C.	5°48.75	T=884.62	
+75		5°47.6	L=1744.89	
+50		5°37.6	E 90.05	
+25		5°27.6		
689		5°17.6		
+75		5°07.6		
+50		4°57.6'		
+25	P.O.C.	4°47.6'		
688		4°37.6'		
+75		4°27.6'		
+50		4°17.6'		
+25		4°07.6'		
687		3°57.6'		
686+75		3°47.6'		

N 64°24'55"E

N 87°39'55"E



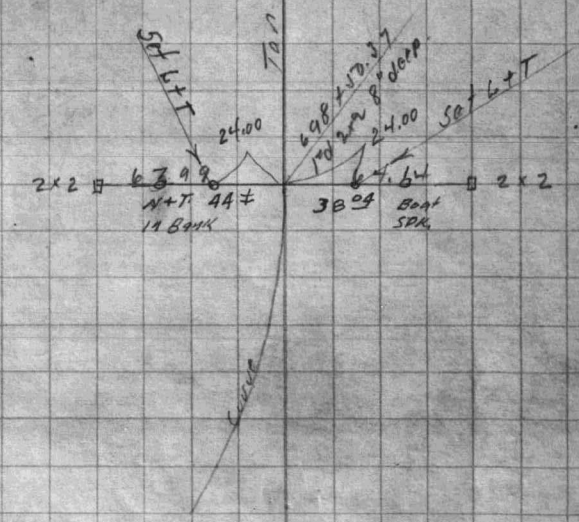
STATE OF CALIFORNIA — DIVISION OF HIGHWAYS

Co. LA Rt. 60 Sec. A — Date 12-24-36 Page 82

Blotter-Chief

Swanson & Party

Station	Line		
+50.37	E.C.	11°37.5	
+50		11°37.3	
+25		11°27.3	
698		11°17.4	
+75		11°07.4	
+50		10°57.4	
+25		10°47.4	
697		10°37.4	
P.O.C. +75		10°27.4	
+50		10°17.4	
+25		10°07.4	Δ=23°15' Lt. ✓
696		9°57.4	R=4300 ✓
P.O.C. +75	Culv.	9°47.4	T 884.62 ✓
+50		9°37.4	L 1744.89 ✓
+25		9°27.4	E 90.05
695		9°17.4	
+75		9°07.4	
+50		8°57.5	
+25		8°47.5	
694		8°37.5	
+75		8°27.5	
+50	P.O.C.	8°17.5	
+25		8°07.5	
+1°		8°-01.7	
693		7°57.5	
+75		7°47.5	
692+50		7°37.5	



Continued in FB 1312-80

F B 1320-44

A 92-001 1

See R.S.M. No.

L.A. 60 3 ℄

Re-survey of Points as found
Per 3K A-L 92.1

Ref.
All Reas refer to
3K A-L 92.1
Tape #13 Sta @ 60°

Sept. 1915
Party
R.M. Haverstick
W.P. Devine
C.J. Palmer
H.T. Peasnall
F.N. Wakefield
T.L. Richardson

Also ties to L.A. Co. Traverse line
Per Map B. 1823
From
Topanga Canyon, east to L.A. City Bdry.

FB 1320-45

LF 60 B

A 92·001 2

See R.S.M. No.

Fd Ct Spk + W

4+77.49 E.C.

243.41 "M"

P1 #1

Ct Spk + W. Set by Inter.

Turned 9/18/45

orig

Δ 27°21'30" ⑧ 218°43'30"

R 1000 ① 27°20'25"

T 243.39

L 477.49

243.30 "M"

5 81-00-30 E Per Layout's Sheet #3

0+00 Fd Ct Spk + W

260.73 "M"

EC Fd ⊏ spk

130.20 "M"

P1 BK LA 60 A A 91.1 pg #66

Fd ⊏ spk

243.41
118.35
79.90
441.66 P1#1-P1#2

8-16-45

RMH

FB 1320-46

LF 60 B

A 92·001 3

See R.S.M. No.

0.01 Fd Ct Spk + W 0.01 South

7+55.36 E.C.

79.93 "M"

P1 #2 Fd Ct Spk + W

9/18/45

⑧ 73°04'00"

① 9°08'00"

orig.

Δ = 9°08'30

R = 1000

T = 79.95

L = 159.55

79.90 "M"

Fd Ct Spk + W 5+95.81 BC

243.41

118.35 "M"

8-16-45

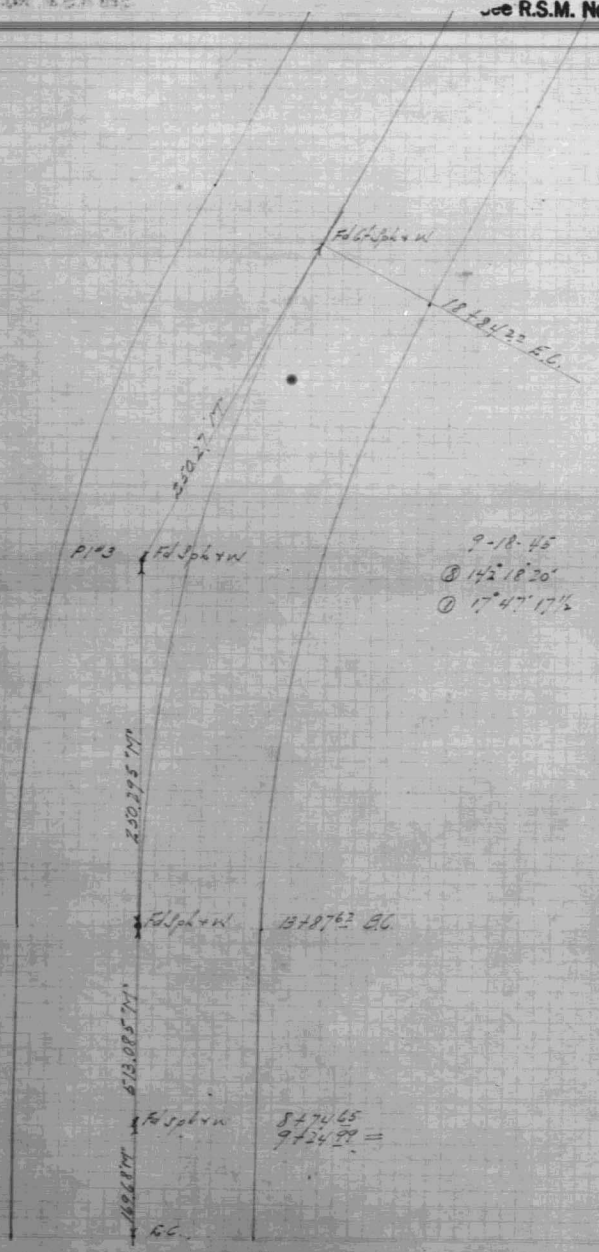
RMH

FB 1320-47

LA 60 B

A 92·001 4

See R.S.M. No.



9-18-45

⑧ 142°18'20"

① 17°47'17½

orig

Δ = 17°47

R = 1600

T = 250.31

L = 496.60

8-16-45

RMH

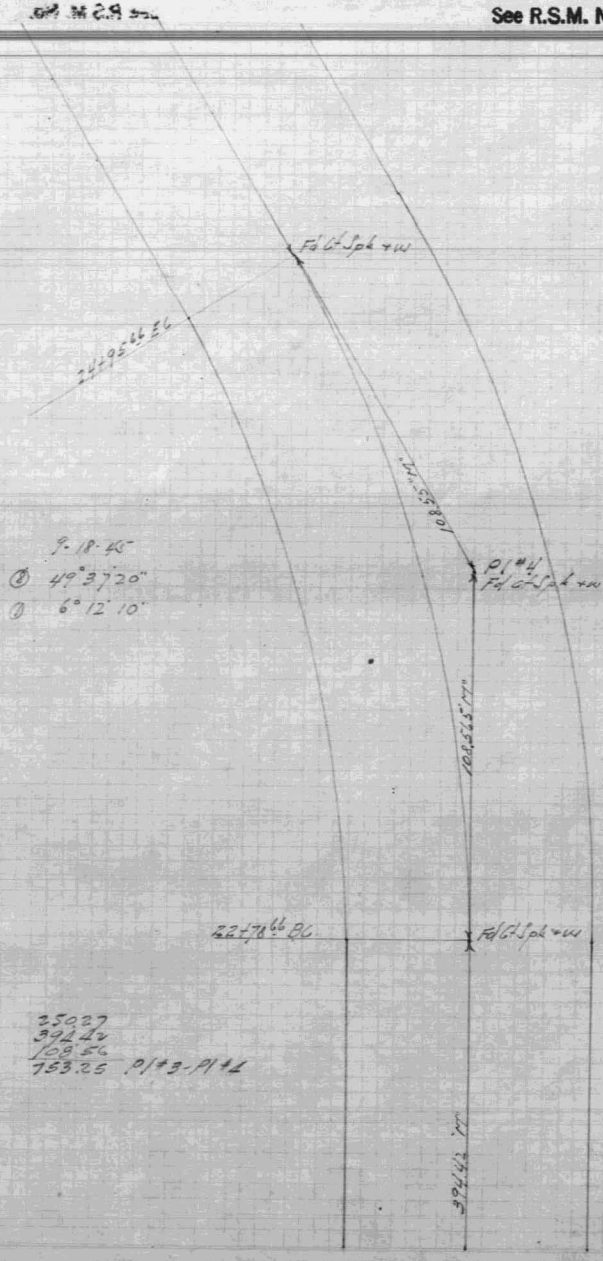
79.93
169.68 ?
513.08
250.30
1018.99

FB 1320-48

LA 60 B

A 92·001 -5 5

See R.S.M. No.



orig.

Δ = 6°13

R = 2000

T = 108.61

L = 217.00

9-18-45

⑧ 49°37'20"

① 6°12'10"

8-16-45

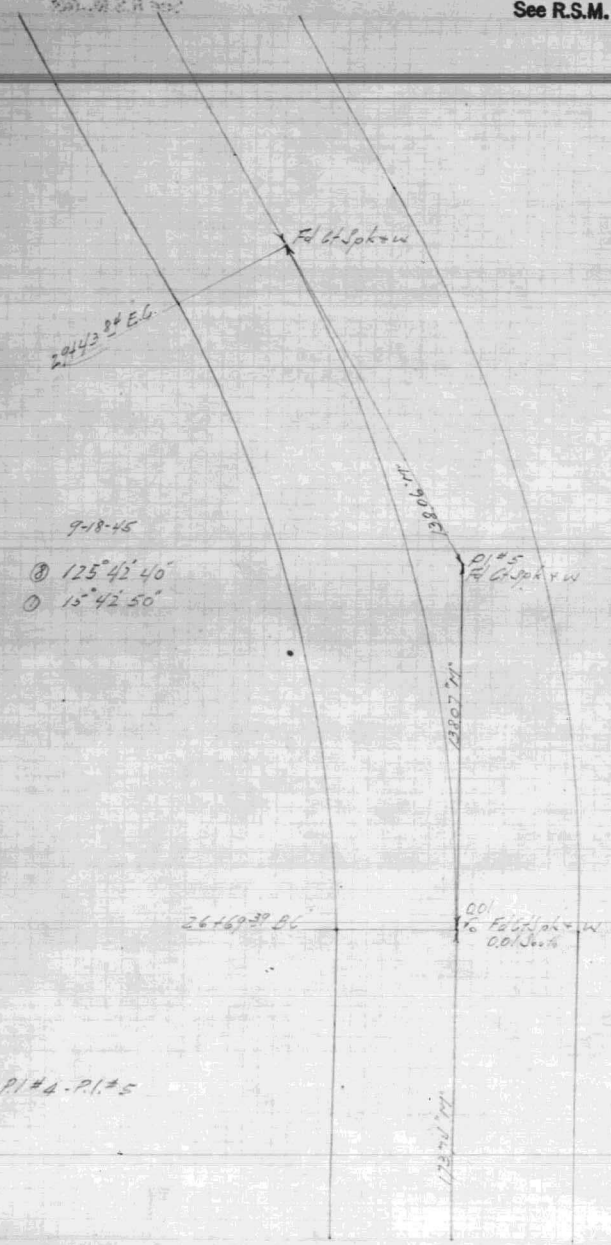
RMH

250.27
394.42
108.56
753.25 Pl #3-Pl #4

FB 1320-49

LA 60 B A 92-001 6 6

See R.S.M. No.



9-18-45

Orig.
Δ: 15°43'30 ⑧ 125°42'40"
R: 1000 ① 15°42'50"
T: 138.10
L: 274.45

108.55
173.74
138.07
420.36 Pl #4 - Pl #5

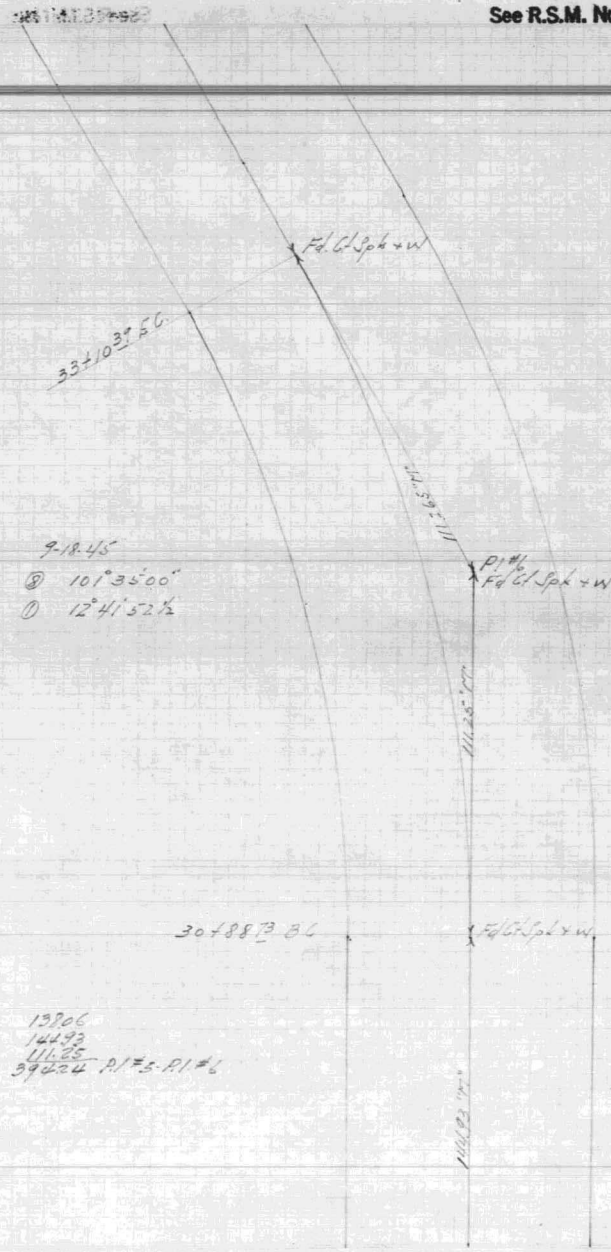
8-16-45

RMH

FB 1320-50

LA 60 B A 92-001 7 7

See R.S.M. No.



9-18-45

Orig.
Δ: 12°42 ⑧ 101°35'00"
R: 1000 ① 12°41'52½
T: 111.28
L: 221.66

138.06
144.93
111.25
394.24 Pl #5 - Pl #6

8-16-45

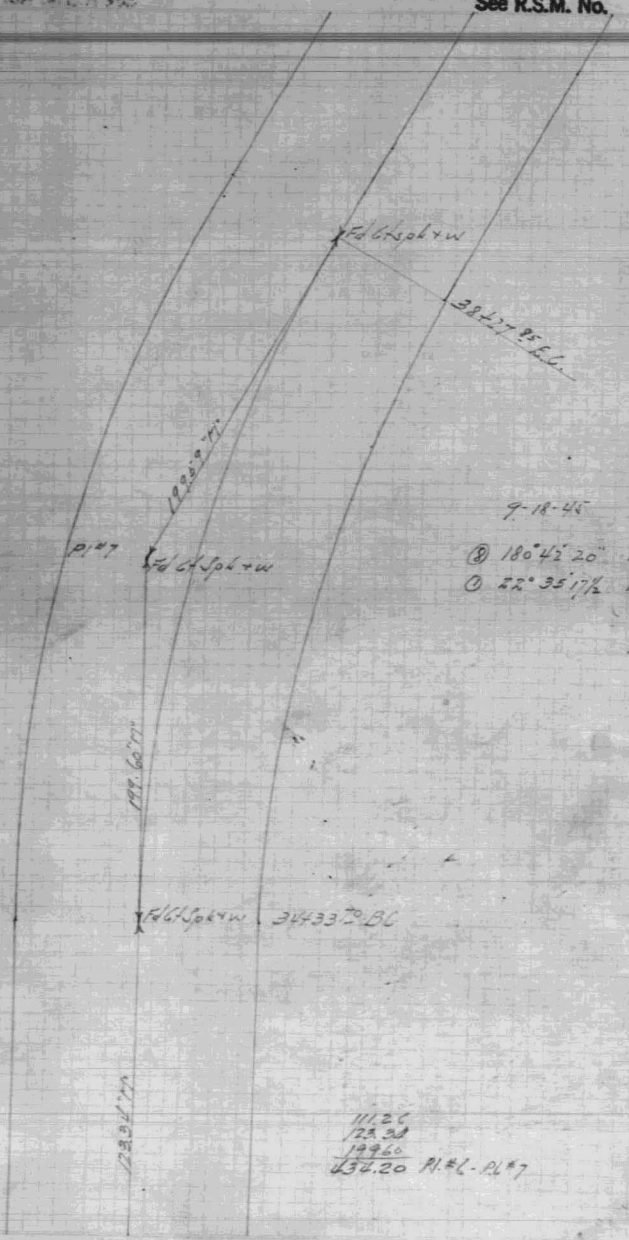
RMH

FB 1320-51

LA 60 B

A 92·001 8 8

See R.S.M. No.



9-18-45

orig.

⑧ 180°42'20" Δ: 22°35

① 22°35'17½ R: 1000

T: 199.67

L: 394.15

8-16-45

RMH

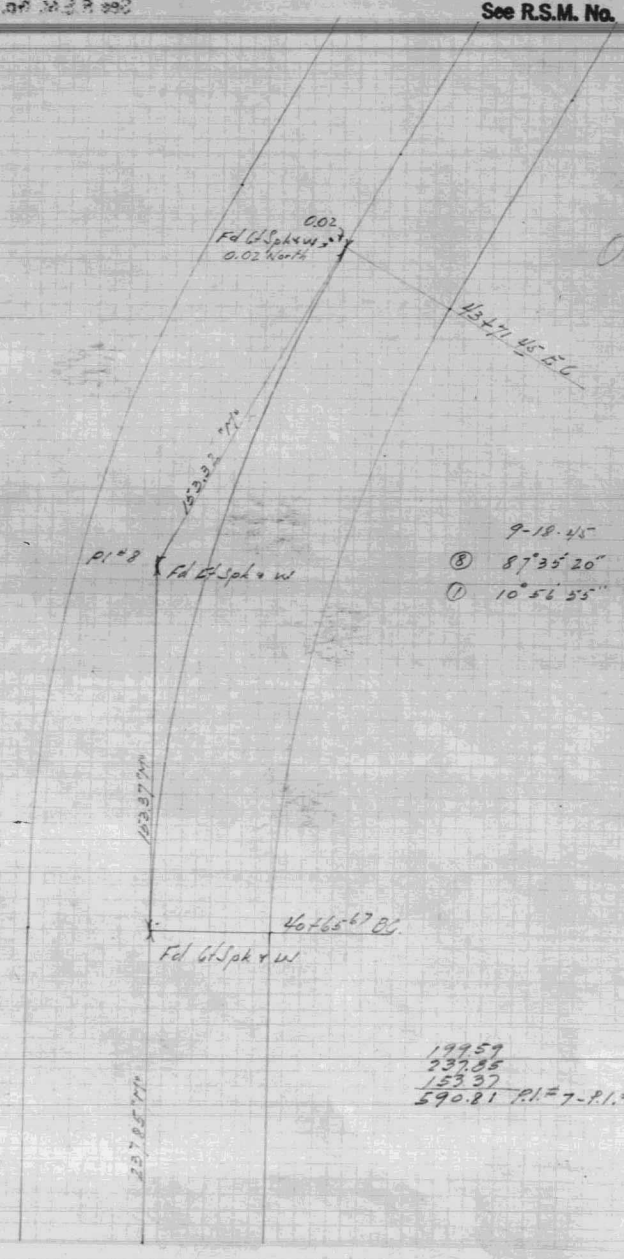
111.26
123.38
199.60
434.20 Pl #6 - Pl #7

FB 1320-52

LA 60 B

A 92·001 9 9

See R.S.M. No.



OK to here

9-18-45

orig

⑧ 87°35'20" Δ: 10°57

① 10°56'55" R: 1600

T: 153.36

L: 305.78

8-16-45

RMH

199.59
237.85
153.37
590.81 Pl #7 - Pl #8

FB 1320-53

LA 60 B

A 92·001 10

See R.S.M. No.

1297.28 "M"

55+00 Fd. Ct. Spk. + W.
0.05 South

1128.60 "M"

8-16-45

RMH

VII

FB 1320-54

LA 60 B

A 92·001 11

See R.S.M. No.

Fd Ct Spk + W

71+64.53 E.C.

183.91 "M"

P1#9
Fd Ct Spk + W

orig 9-18-45
Δ 7°01' ⑧ 56°02'00"
R 3000 ① 7°00'15"
T 183.92
L 367.39

183.91 "M"

67+97.14 BC

Fd Ct Spk + W

153.32
1128.60
1297.28
183.91
2763.11 P.1#8 P.1#9

1297.28 "M"

8-16-45

RMH

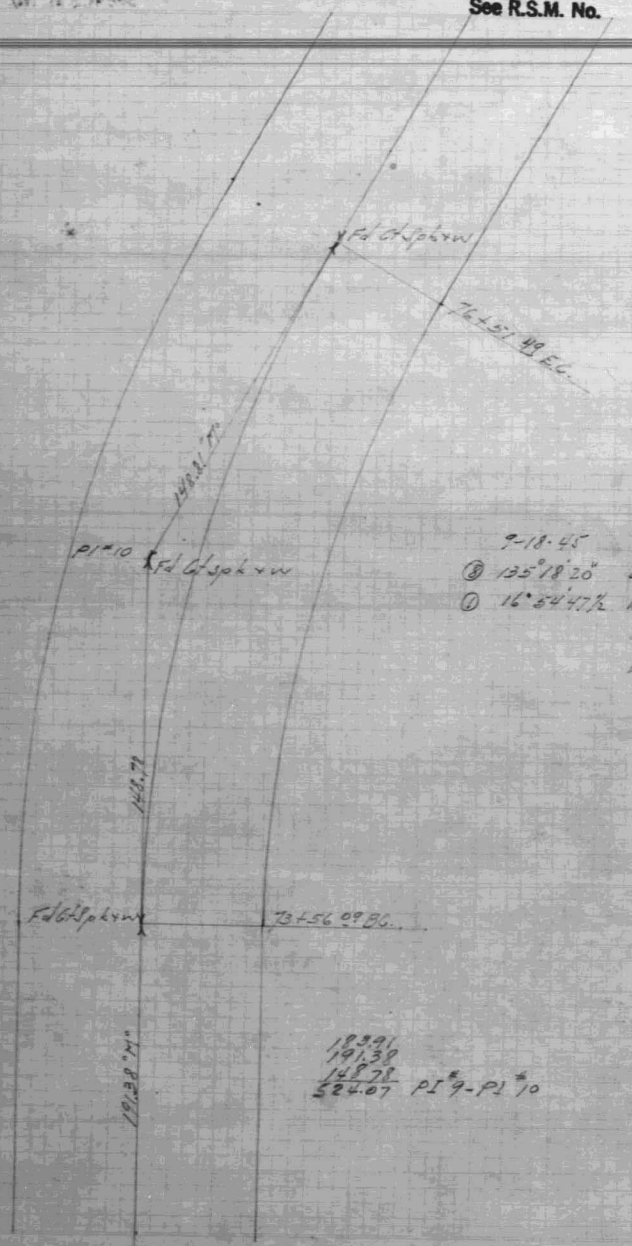
VII

FB 1320-55

LA 60 B

A 92·001 12

See R.S.M. No.



9-18-45
⑧ 135°18'20"
① 16°54'47½

orig
Δ = 16°55'30"
R = 1000
T = 148.78
L = 295.40

8-16-45

RMH

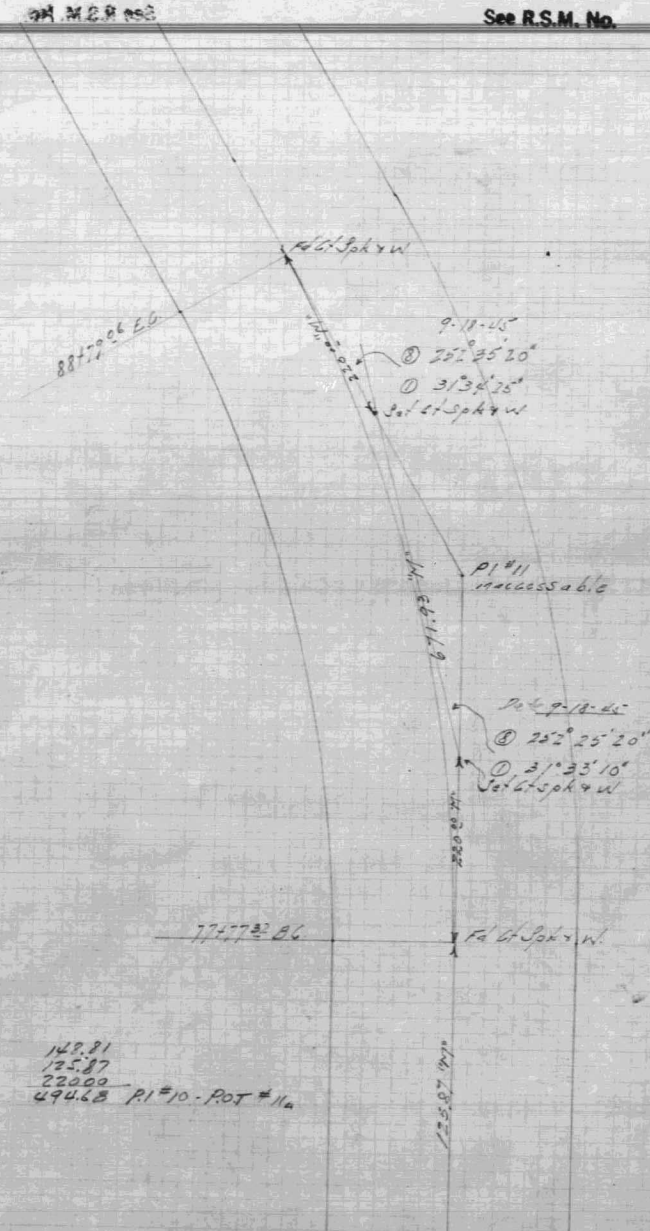
183.91
191.38
148.78
524.07 PI #9 - PI #10

FB 1320-56

LA 60 B

A 92·001 13

See R.S.M. No.



orig
Δ = 63°07'30"
R = 1000
T = 614.30
L = 1101.74

8-16-45

RMH

148.81
125.87
220.00
494.68 PI #10 - POT #11a

FB 1320-57

LF 60 B

A 92·001

14 **14**

See R.S.M. No.

P.I. #13

Fd 6" spk + W

P.I. #12

Fd 6" spk + W

Note" turned Rec. angle from P.I. #12 to make inter. at P.I. #13

Use calc. Δ = 22°02'40"
Per. H.G. 11/8/45

7-18-45
(3) 176°16'00"
(1) 22°02'00"

orig
Δ = 22°02
R = 1000
T = 194.68
L = 384.55

8-16-45

Fd 6" spk + W
0.02 South

89°46'93" E.

220.00
27.82
14.67
502.49

FB 1320-58

LF 60 B

A 92·001

15 **15**

See R.S.M. No.

Calc. and Record

Nothing

106+44.40 BC

Note P.I. #13 set by inter. from Rec. angle turned at P.I. #12 & P.I. #14

P.I. #13

6" x 2" x 4" tack

Calc. Position of P.I. #13 Δ = 28°31'30" Calc. and Rec.

9-19-45
(3) 228°27'00"
(1) 58°33'22½"

orig
Δ = 28°31'30"
R = 1250
T = 317.75
L = 622.32

P.I. #13
Position of P.I. #13 Per this survey

Position of P.I. #13 To Fit original Survey

1945 Survey

H.G. 11/8/45
A.L. 92.1 Page #16

P.I. #12

100+22.08

Nothing

P.I. #12 to P.I. #13 = 1183.03 - Calc. and Record

19468
989.65
1184.33

FB 1320-59

LA 60 B

A 92-001 16 **16**

See R.S.M. No.

Fd Lt Spk + w.

112+96.72 BC

Δ = 73°29'

Fd Lt Spk + w.

P.I. #14 Set Lt Spk + w, backed in, using Rec. angle + distance from P.I. #15 calc. Position of P.I. #14

Turned Rec. angle of 8°11'00" to set P.I. #13

Δ = 8°-11'-00" calc. and record.

orig.

Δ: 8°11

E: 4000

T: 286.14

L: 571.30

9-19-45

② 65°28'00

① 8°11'00

Position of P.I. #14 for this survey

0.628

Position of P.I. #14 To Fit original 1945 Survey

A.L. 92.1 pg. 16

H.C. 11/8/45

1945 Survey

P.I. #13

107+25.49 BC

Fd nothing

8-16-45

EMH

EMH

8-16-45

Δ = 18°30'30"

calc. and record

P.I. #15

turned Rec. angle from P.I. #16 to set P.I. #14

Fd Lt Spk + w.

Position of P.I. #15 per this survey

0.275

calc. pos. of P.I. #15 To Fit Original Survey

A.L. 92.1 pg. 17

H.C. 11/8/45

45°27

1945 Survey

P.I. #14

0.05 South

Fd Lt Spk + w.

122+95.93 BC

orig.

Δ: 18°30'30"

R: 1000

T: 162.93

L: 323.03

② 148°04'00"

① 18°30'30"

FB 1320-60

LA 60 B

A 92-001 17 **17**

See R.S.M. No.

P.I. #15 To P.I. #16

0.01

Fd Lt Spk + w.

0.01 So.

126+19.52 P.O.T.

126+18.96 BC

Δ = 18°-30'-30"

calc. and record

P.I. #16

Fd Lt Spk + w.

122.98 Semi-tang. calc. and record.

1945 Survey

P.I. #14 To P.I. #15

Fd Lt Spk + w.

0.25

P.T.

122+95.93 BC

EMH

EMH

FB 1320-61

Fd Ct Spk + w

131+93.46 BC

264+32.1 PT

Δ = 29°38'00"
calc. and rec.

PT 16

Set 2x2 by inter.

P.I. #16 per this Survey

calc. pos. of P.I. #15 to fit original Sur. A.L. 92.1 pg #20
N.G. 11/6/45

1945 Survey

P.I. #15

264+76.1 PT

Fd Ct Spk + w

136+76.46 BC

56.81 PT

9-18-45

9-20-45 orig
Ⓐ 237°03'20" Δ 29°38
Ⓓ 29°37'55" R 1000
T 264.32
L 517.20

162.93
56.81
264.76
482.52

FB 1320-62

From P.I. #18 to P.I. #19
399.65 calc. and record

Fd Ct Spk + w

135+67.47 EC

118.24 PT

Δ = 13°28'30"
calc. and rec.

P.I. #17 Set Ct Spk + w by inter.

orig
Δ 13°28'30"
R 1000
T. 118.14
L. 235.18

9-20-45
Ⓐ 107°43'40"
Ⓒ 13°27'57 1/2
Ⓑ 107-43-40 - 13-27-57
Ⓒ
Ⓓ 13-28

P.I. #17 per this Surv.

Calc. position of P.I. #17 to fit original Survey A.L. 92.1 pg. #21
N.G. 11/6/45

1945 Survey

P.I. #16

133+32.29 BC

Fd Ct Spk + w

118.07 PT

From P.I. #16 to P.I. #17

521.29 calc. and rec.

118.33 PT

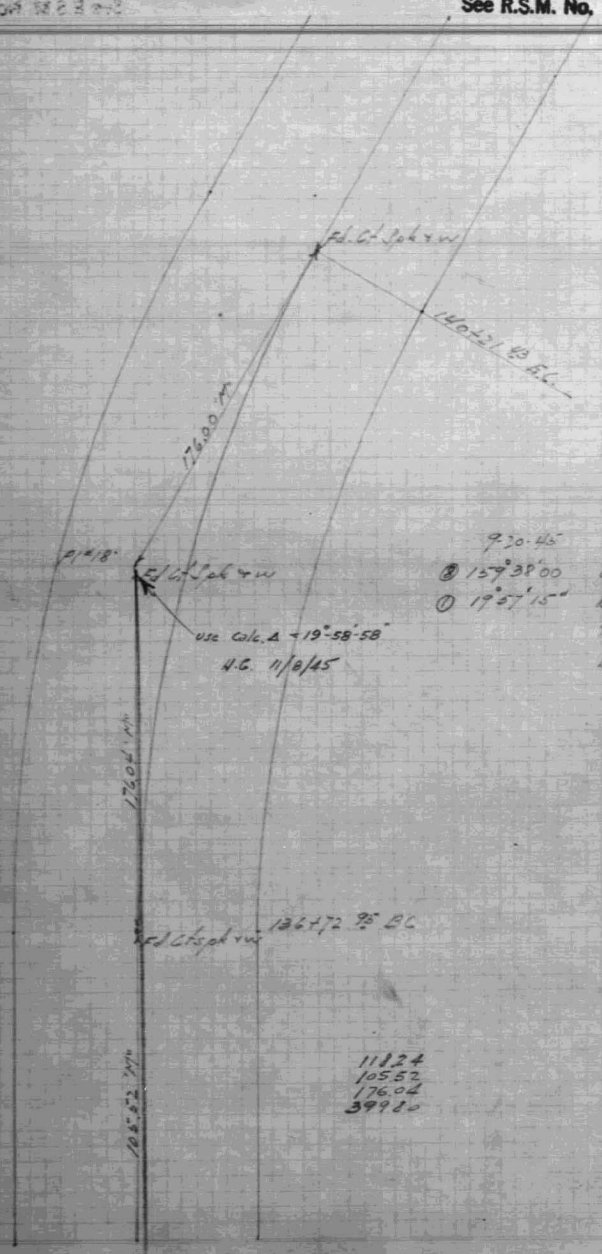
264.22
138.33
118.07
520.62

FB 1320-63

LA 60 B

A 92·001 PAGE 20 20

See R.S.M. No.



9-20-45

② 159°38'00

① 19°57'15"

orig

Δ 19°58

R 1000

T 176.03

L 348.48

118.24
105.52
176.04
399.80

RMH 9-19-45

CALIFORNIA DIVISION OF HIGHWAYS

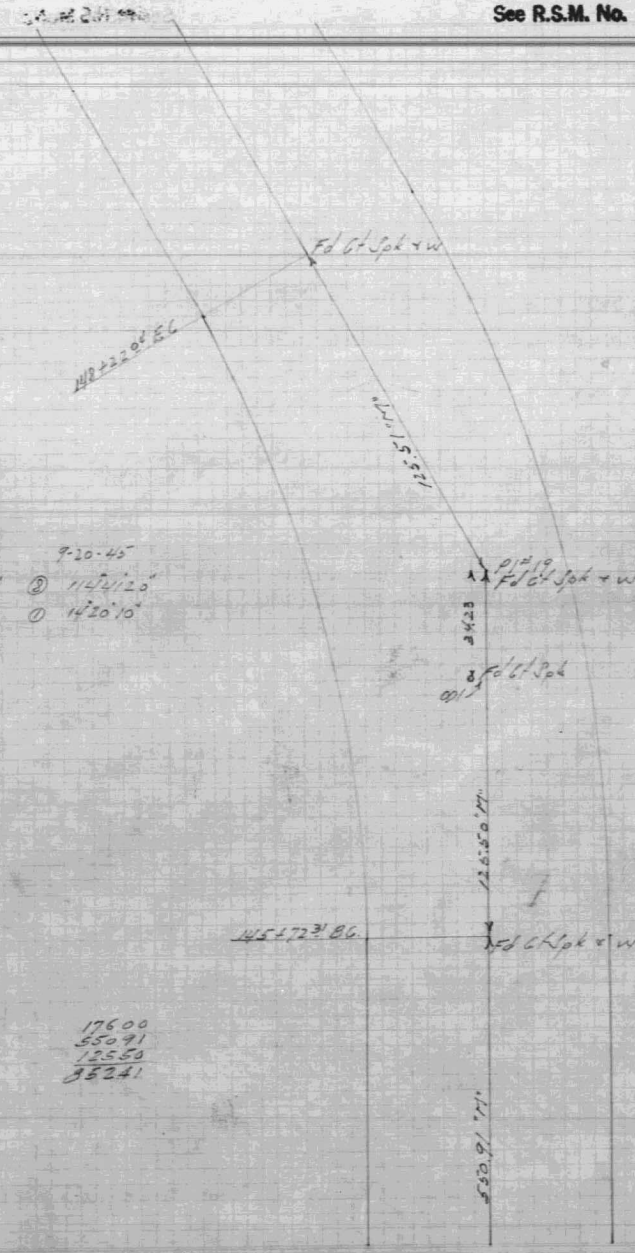
VII

FB 1320-64

LA 60 B

A 92·001 PAGE 21 21

See R.S.M. No.



orig

Δ 14°18'30"

R 1000

T 125.52

L 249.73

9-20-45

② 114°41'20"

① 14°20'10"

176.00
550.91
125.50
852.41

RMH 9-19-45

CALIFORNIA DIVISION OF HIGHWAYS

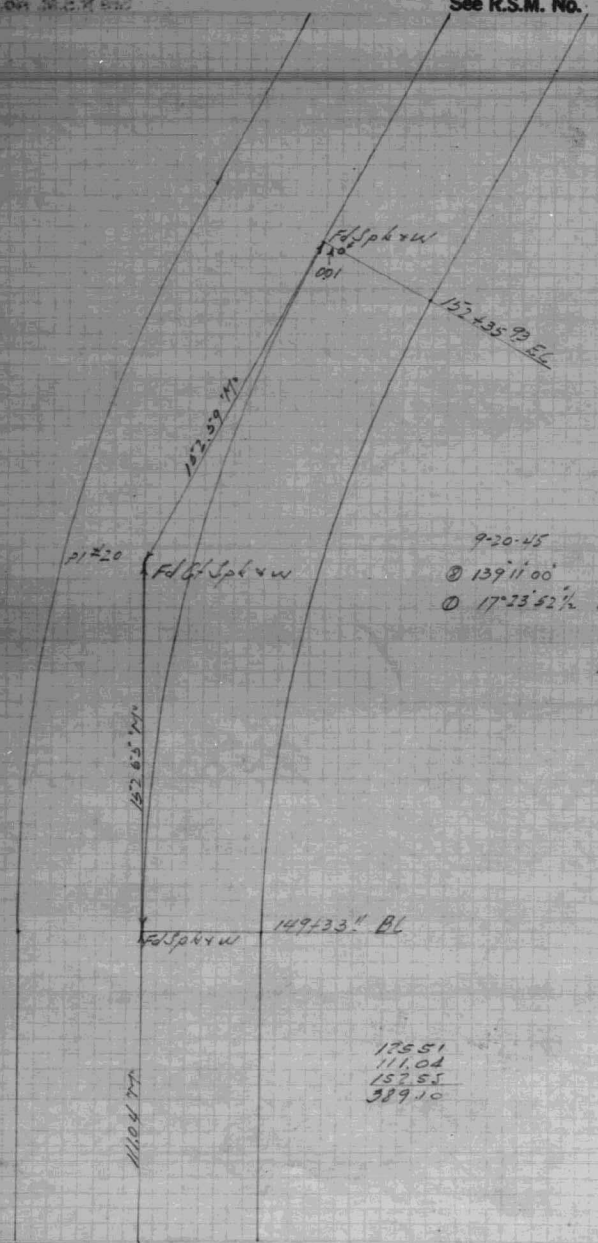
VII

FB 1320-65

LA 60 B

A 92·001 22 22

See R.S.M. No.



9-20-45

orig.

② 139°11'00"

① 17°23'52½"

Δ: 17°21

R: 1000

T: 152.58

L: 302.82

125.51
111.04
152.55
389.10

9-19-45

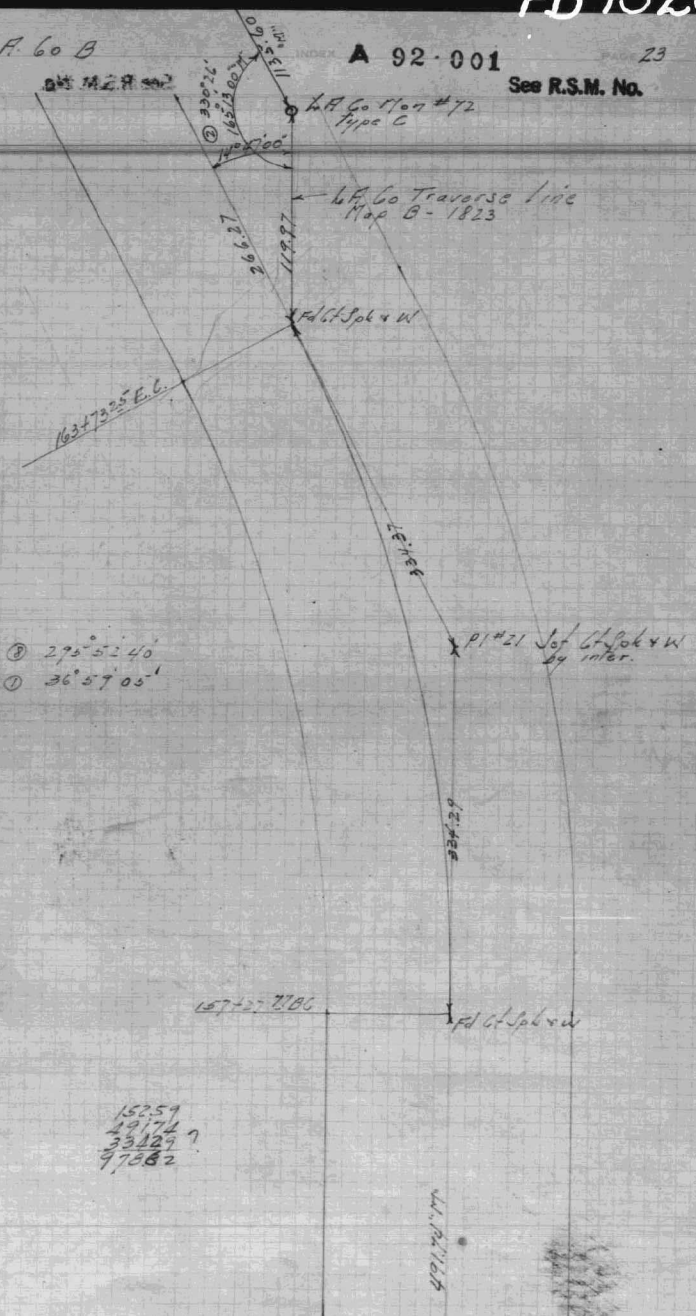
R.M.H.

FB 1320-66

LA 60 B

A 92·001 23 23

See R.S.M. No.



orig

Δ: 36°59'

R: 1000

T: 334.43

L: 645.48

② 295°52'40"

① 36°59'05"

152.59
491.74
334.29
978.82

9-19-45

R.M.H.

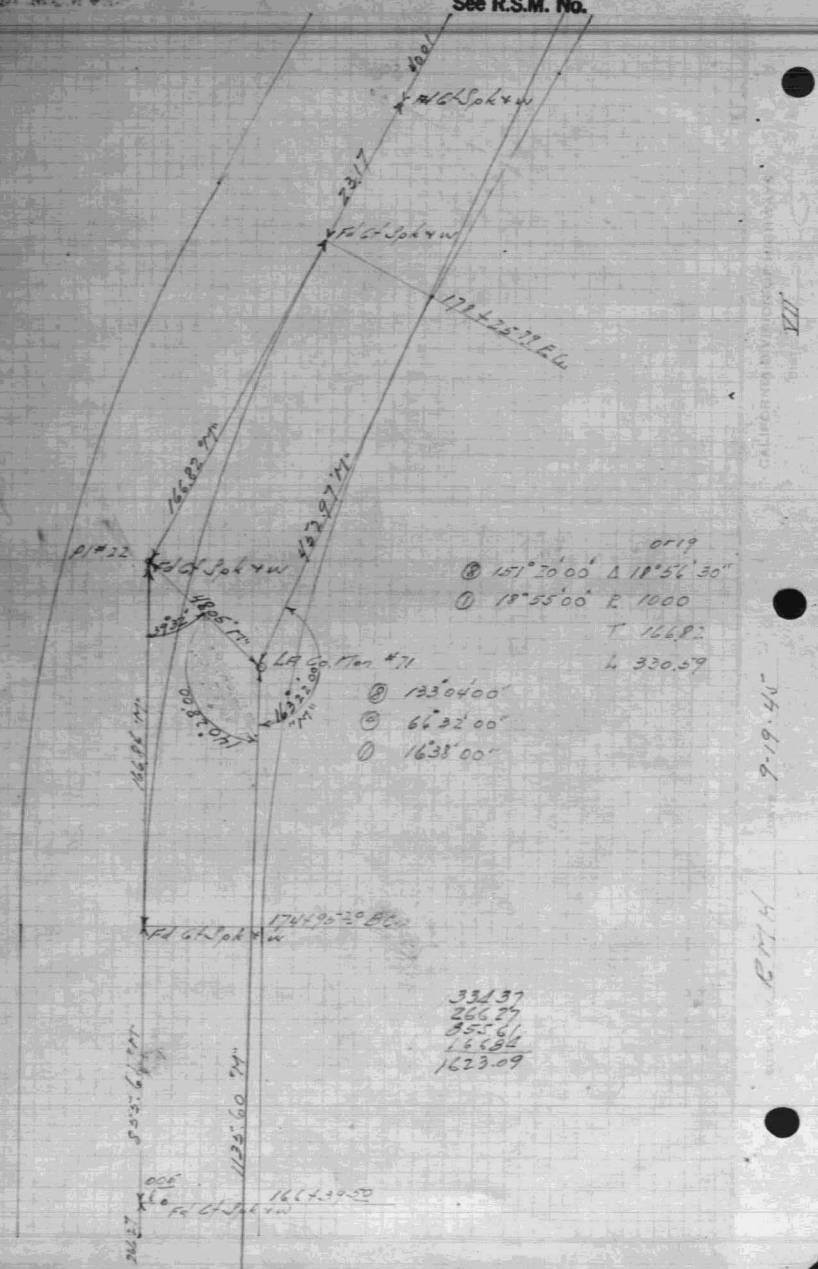
FB 1320-67

LA 60 B

A 92·001

24 **24**

See R.S.M. No.



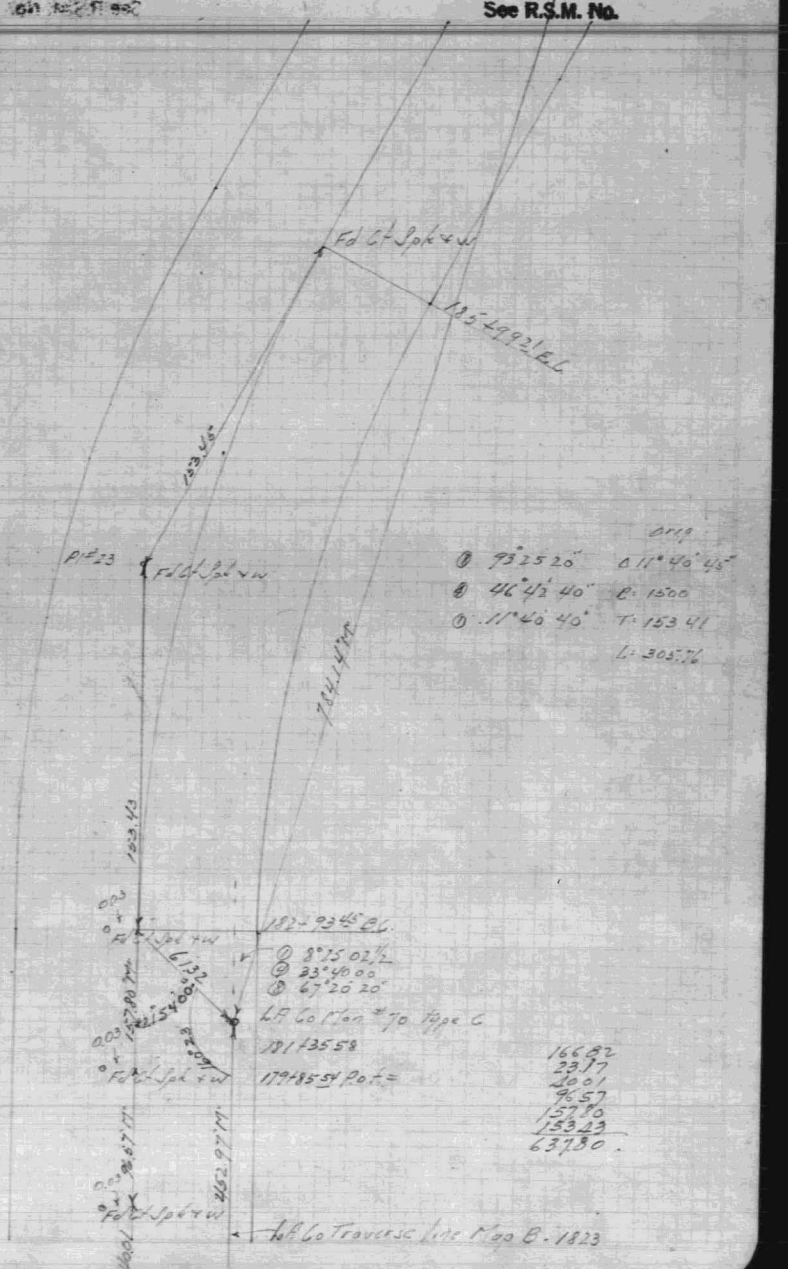
FB 1320-68

LA 60 B

A 92·001

25 **25**

See R.S.M. No.



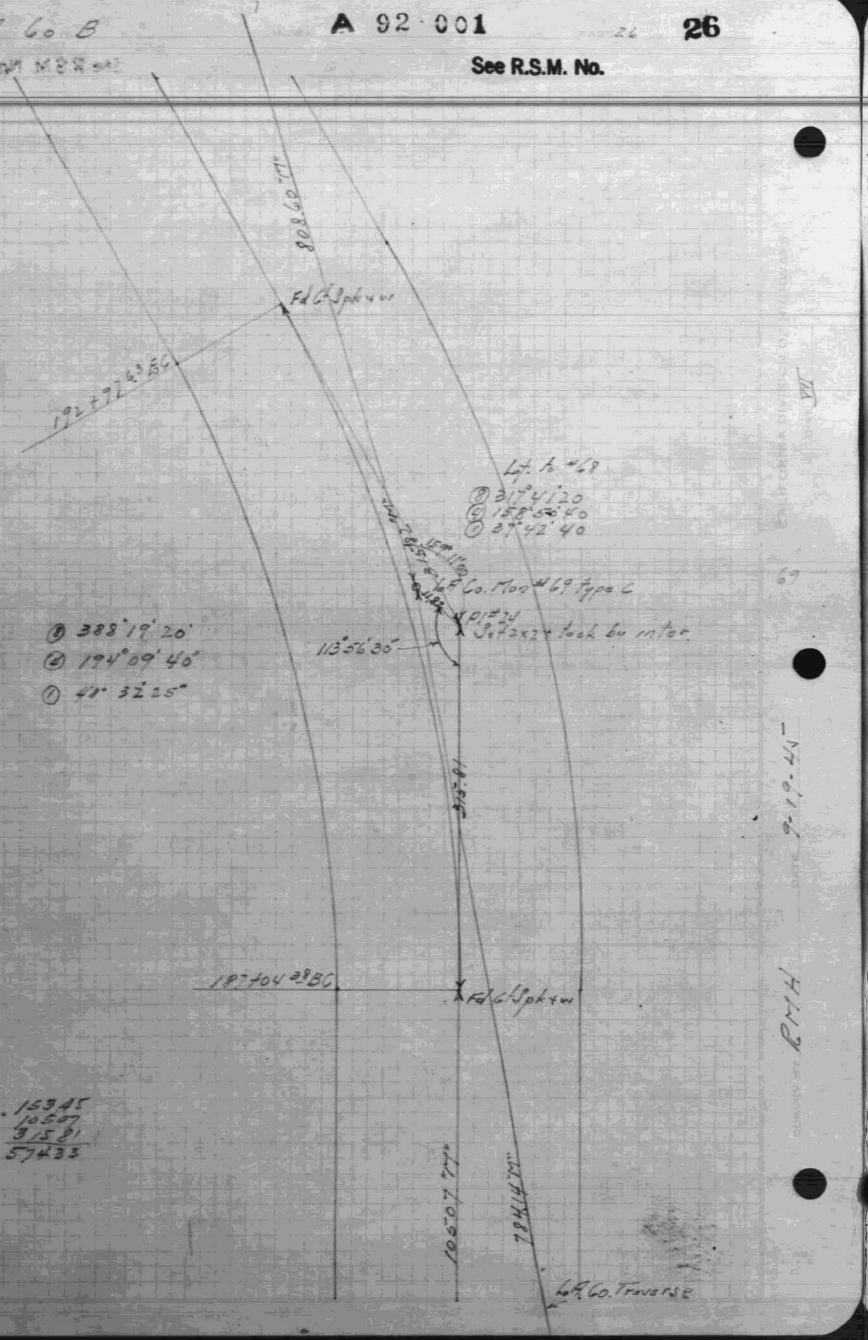
FB 1320-69

LF Co. B

A 92-001

26

See R.S.M. No.

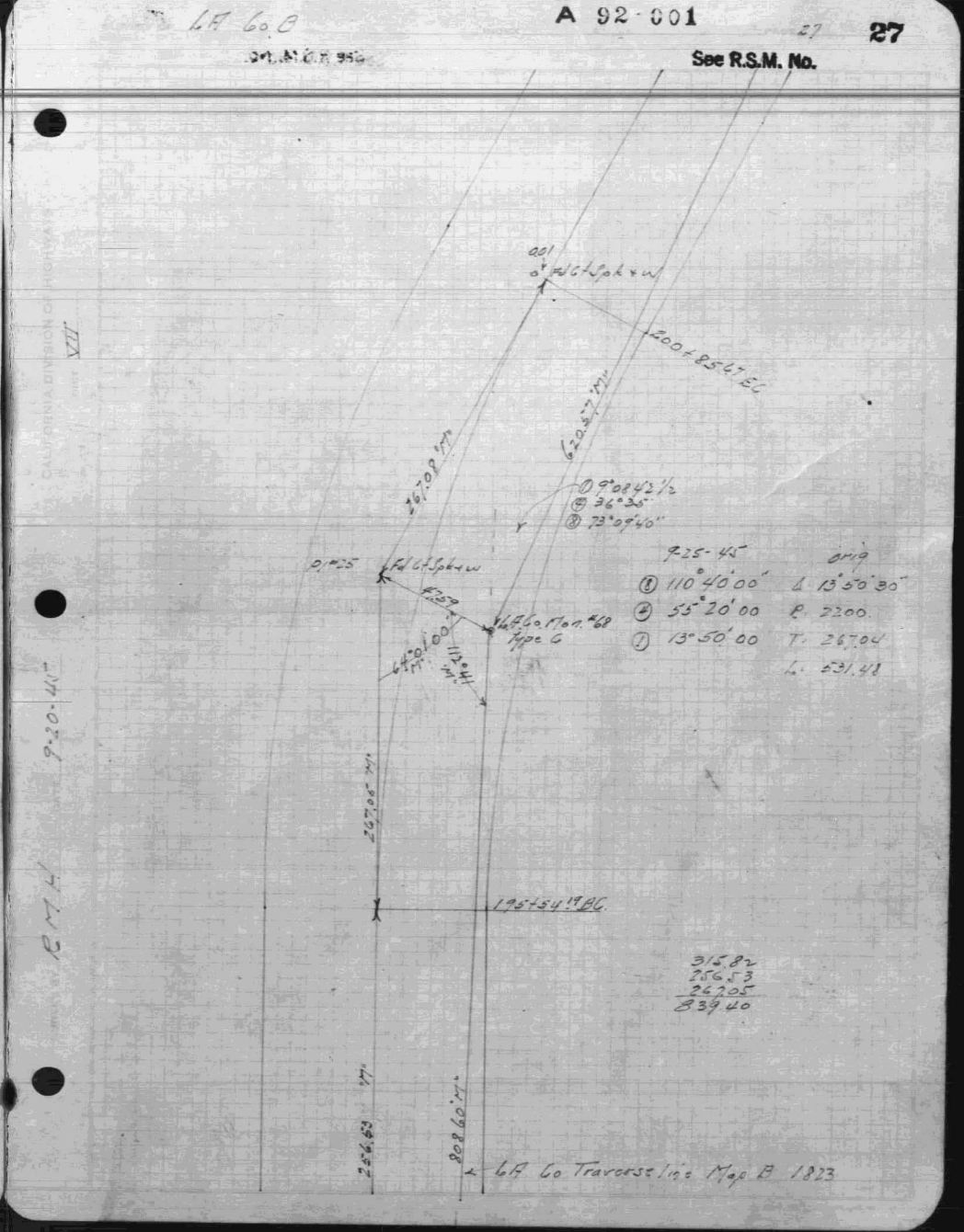


LF Co. B

A 92-001

27

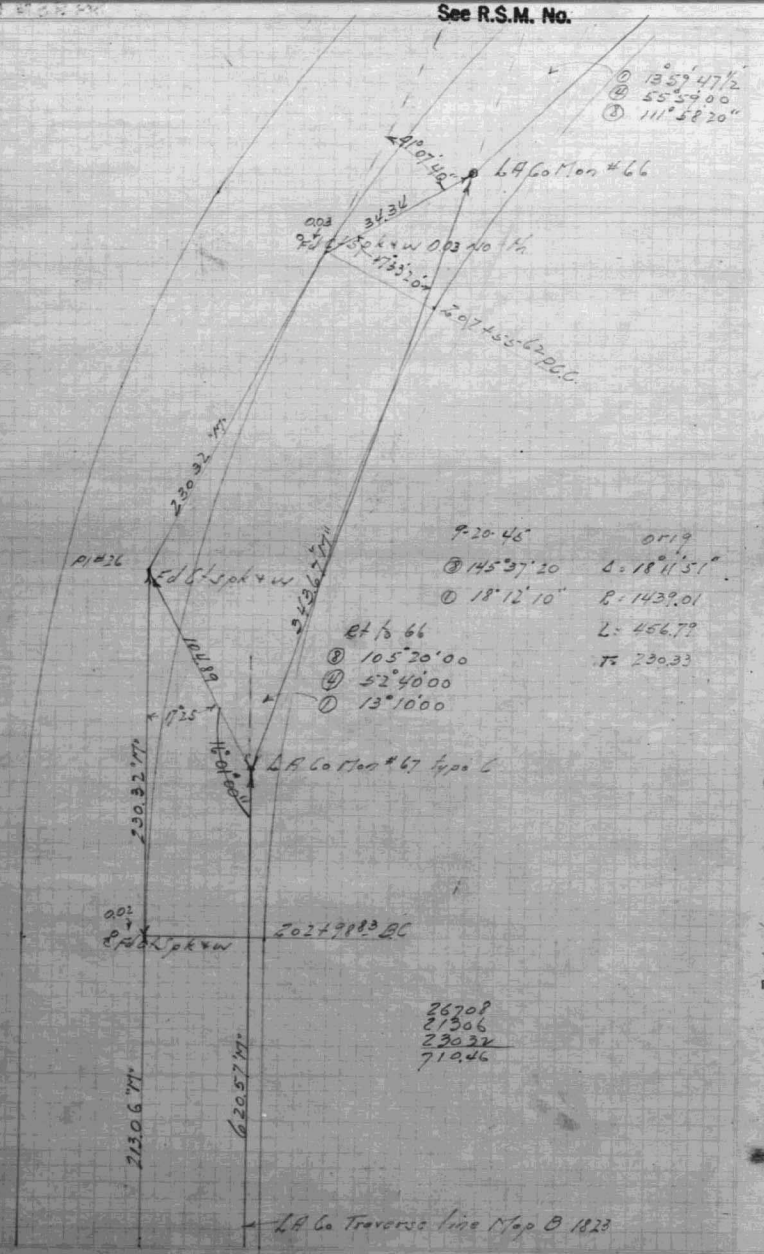
See R.S.M. No.



FB 1320-70

FB 1320-71

See R.S.M. No.



14°
55.59
111.58.20

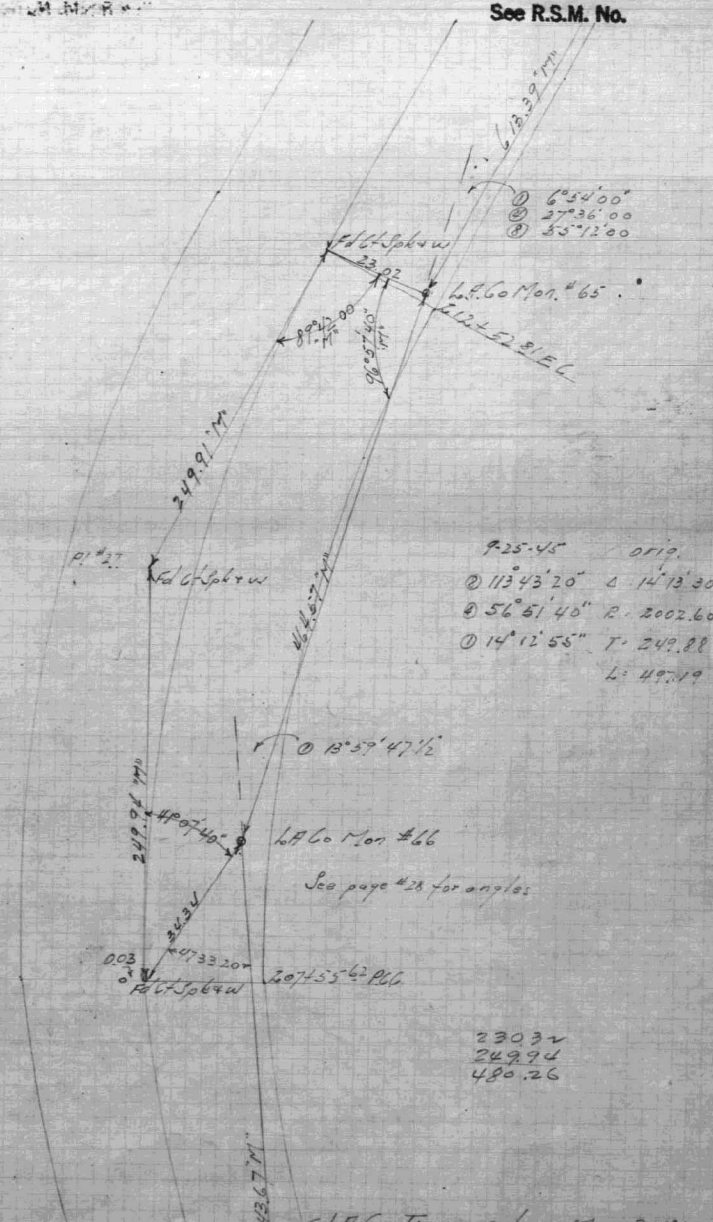
9-20-45
③ 145°37'20
① 18°12'10"

orig
Δ = 18°11'51"
R = 1439.01
L = 456.79
T = 230.33

Rt to 66
③ 105°20'00
④ 52°40'00
① 13°10'00

26708
21306
23032
710.46

See R.S.M. No.



9-25-45
② 113°43'20"
④ 56°51'40"
① 14°12'55"

orig.
Δ 14°13'30"
R = 2002.60
T = 249.88
L = 497.19

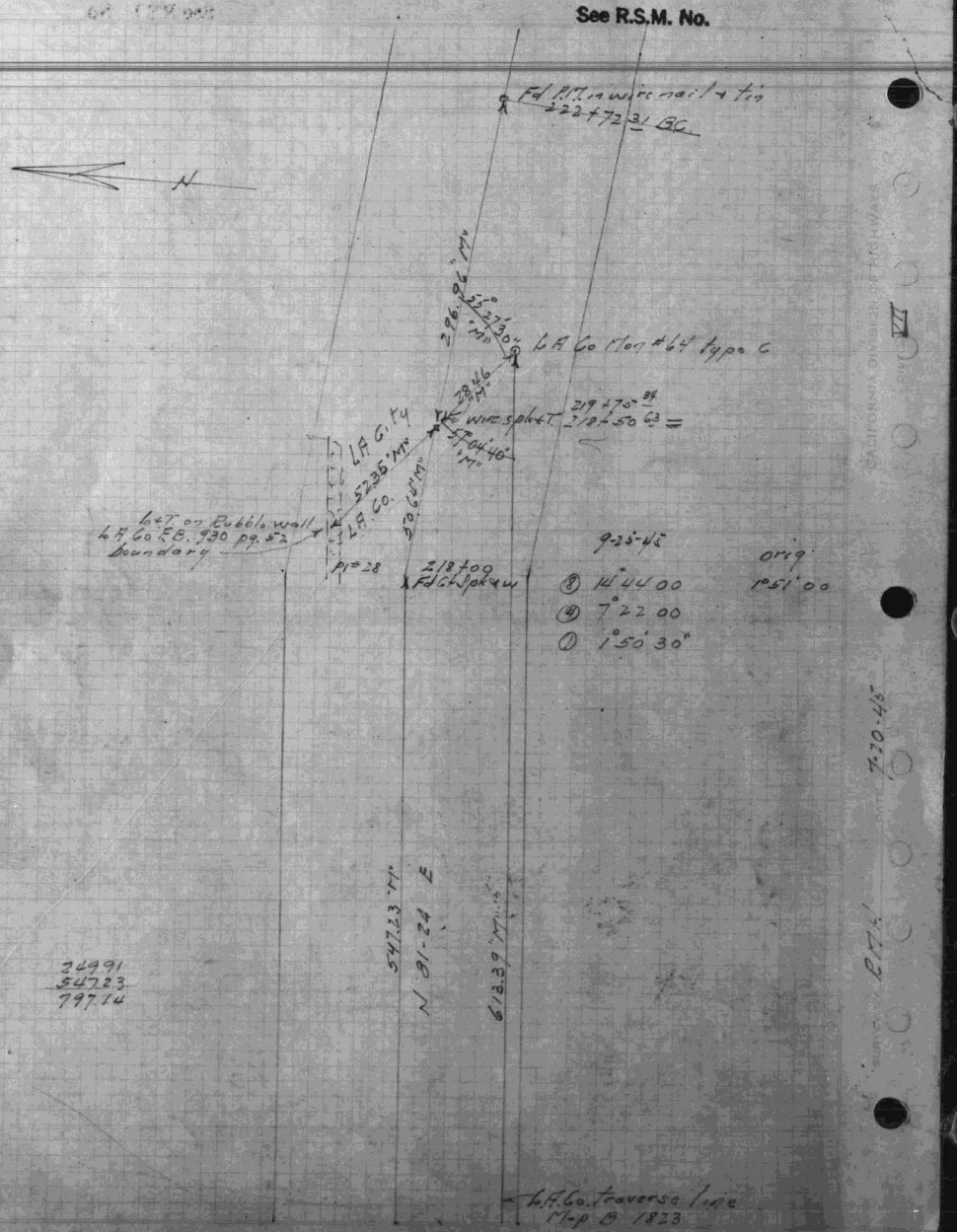
230.32
249.94
480.26

F.B 1320-73

L.A. 60 B

A 92·001 30 30

See R.S.M. No.



32991
54723
797.14

STATE OF CALIFORNIA

A4 Line

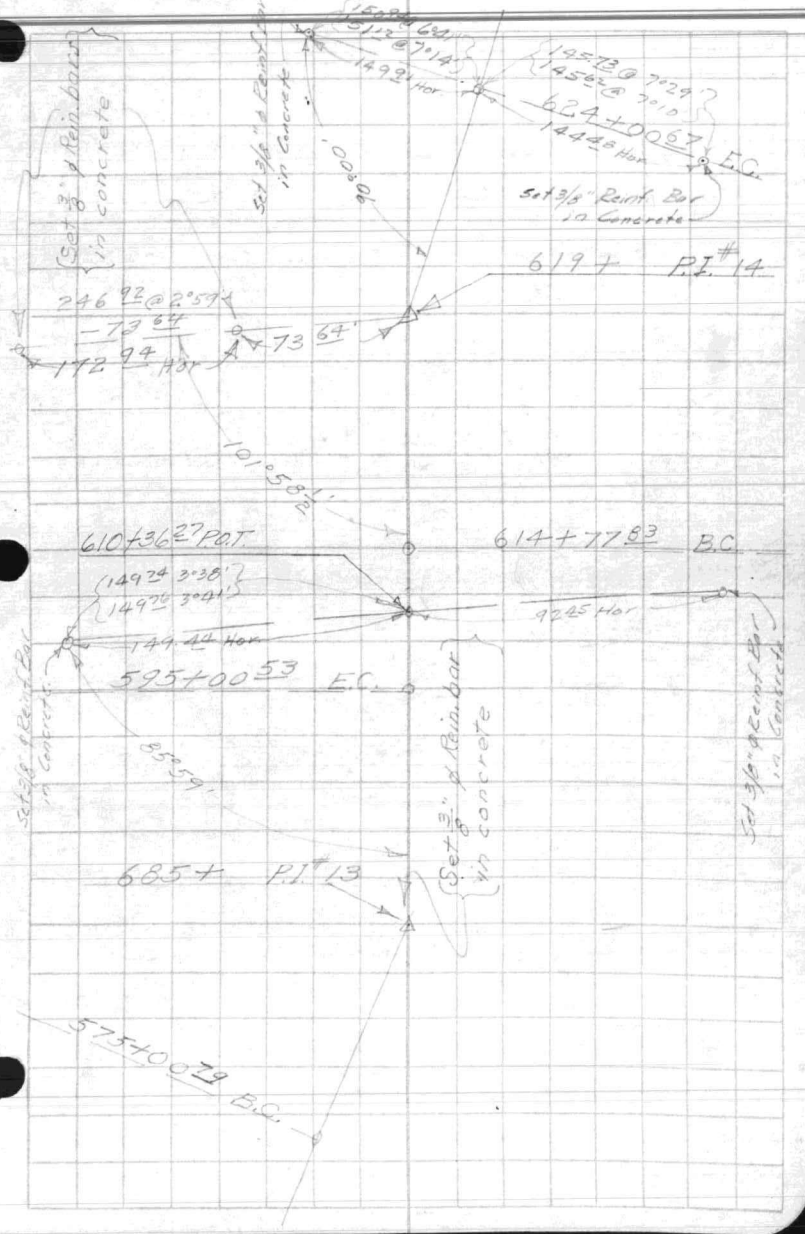
Station

DIVISION OF HIGHWAYS

Co. L.A. Rt. 60 Sec. A

G.W. Elder & Party
McKesson - Notes

Date 1/19/37 Page 7



F.B. 1320-88

A4 Line

STATE OF CALIFORNIA

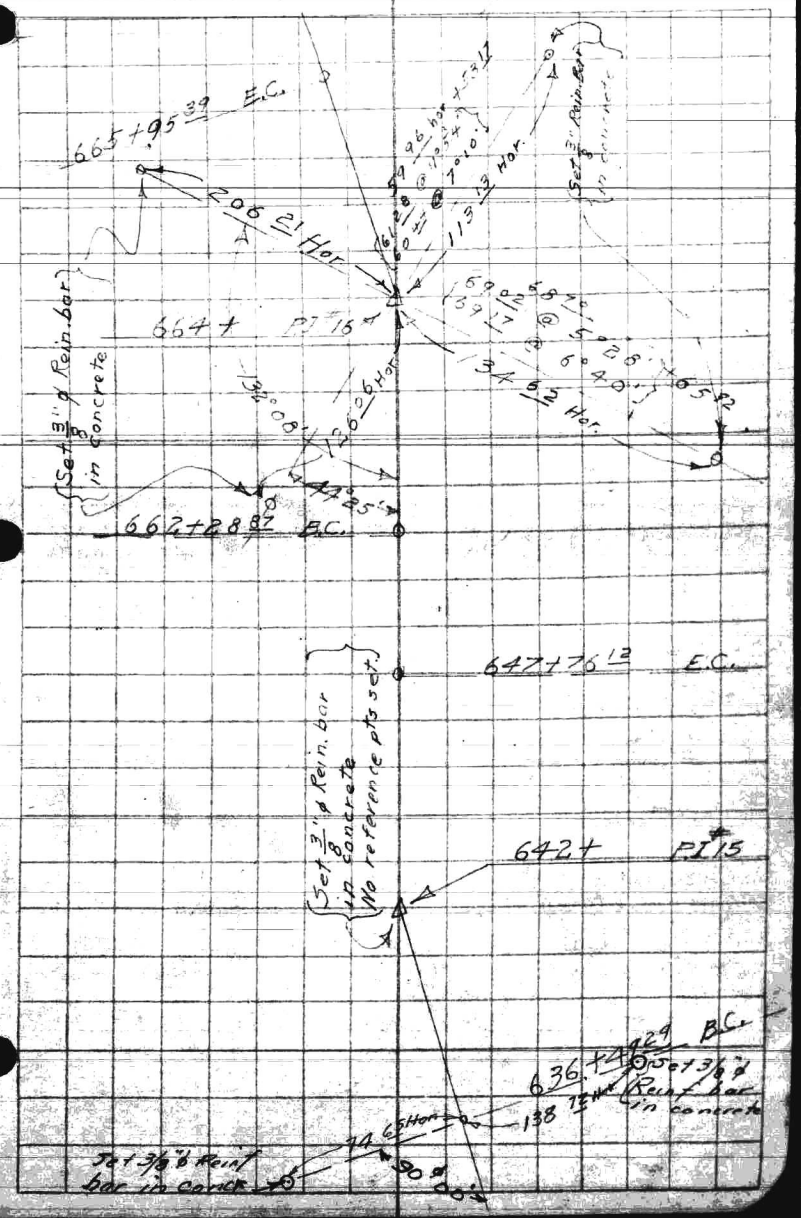
Station

F.B. 1320-89

G.W. Elder v Party
McKesson Notes

DIVISION OF HIGHWAYS

Co. LA Rt. 62 Sec. A Date 6/19/37 Page 8



F.B. 1320-90

A4 Line

STATE OF CALIFORNIA

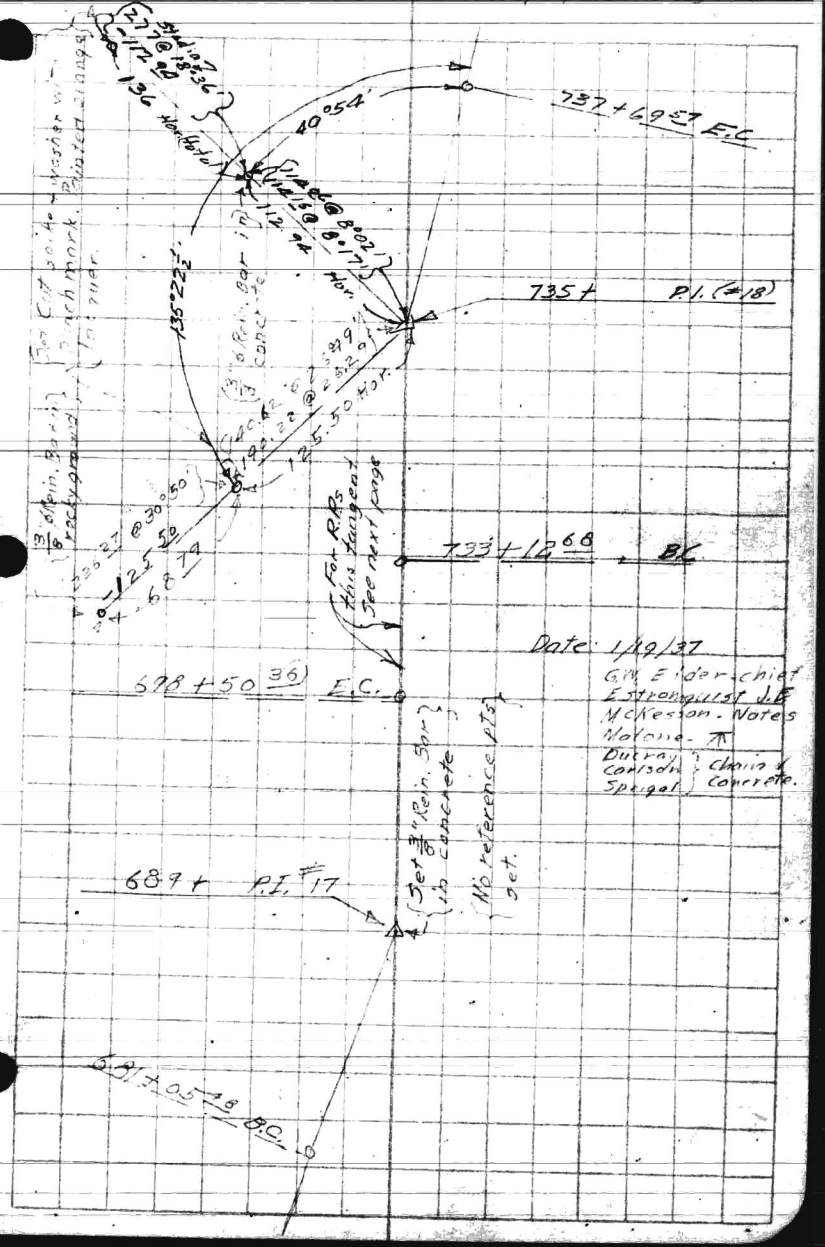
Station

F.B. 1320-91

DIVISION OF HIGHWAYS

G.W. Elder & Party
Stromquist ⊼ & Notes

Co. LA Rt. 60 Sec. A Date 1/18/37 Page 3



A4 Line

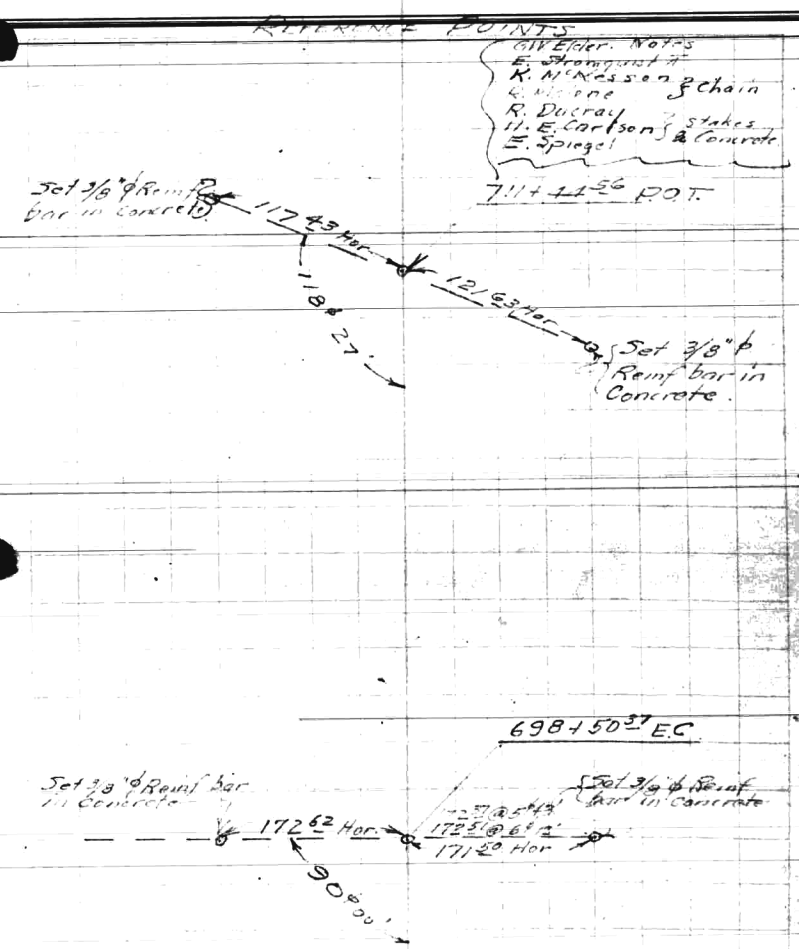
Station

STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Co. LA Rt. 62 Sec. A Date 1-27-37 Page 10

REFERENCE POINTS



F.B. 1320-94

A4 Line

STATE OF CALIFORNIA

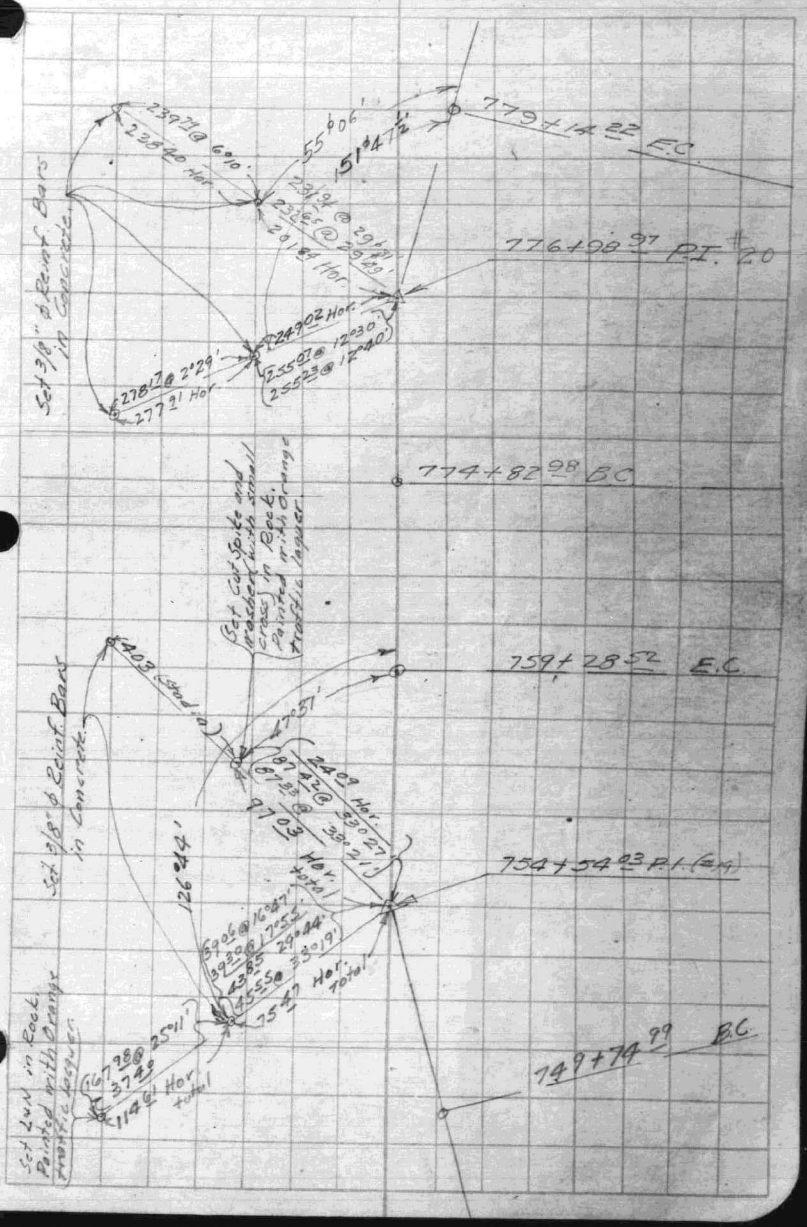
Station

F.B. 1320-95

DIVISION OF HIGHWAYS

G.W. Elder - Chief
E. Stromquist - ✗ + Notes
K. Mckesson -
R. Malone - } tape
R. Ducray -
H. Carlson } mixing
E. Spiegel } concrete

Co. LA Rt. 60 Sec. A Date 1/18/37 Page 11



F.B. 1320-96

F.B. 1320-97

A4 Line

Station

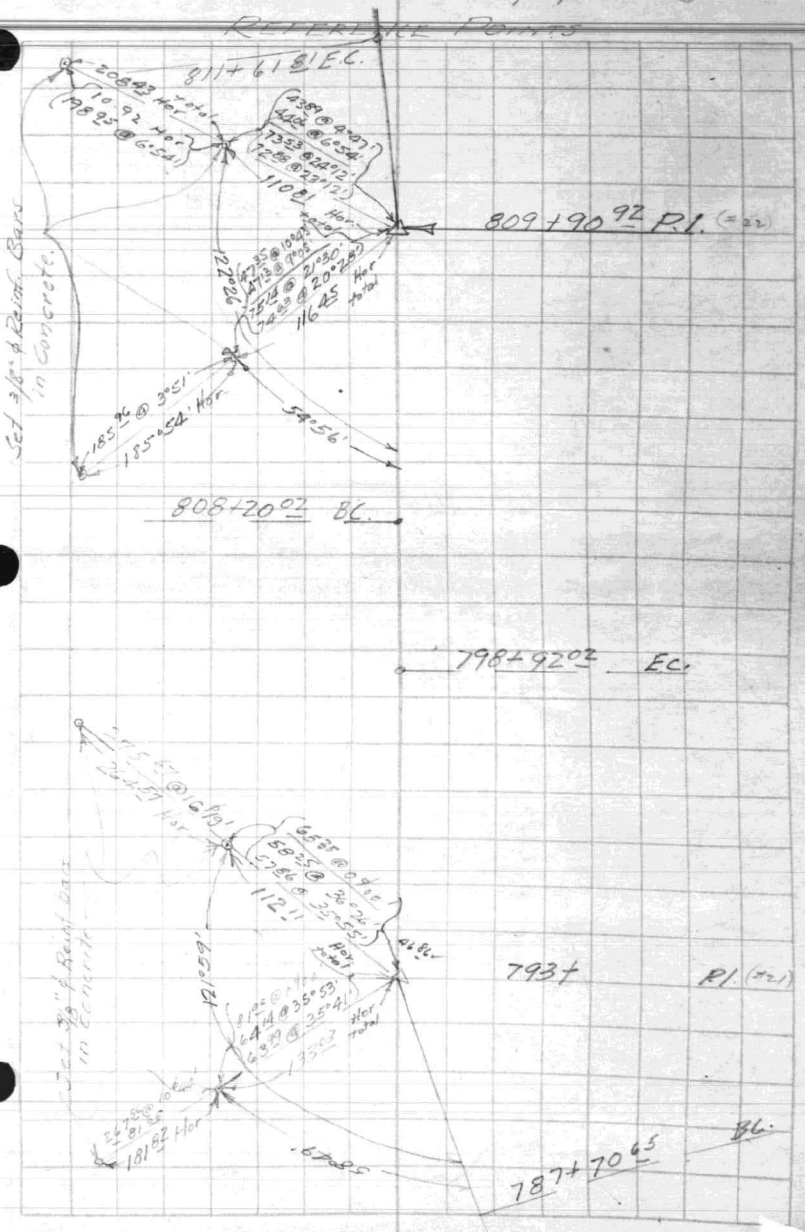
STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

Co. LA Rt. 60 Sec. A

E.W. Elder - Chief
E. Stromquist - Notes
K. McKesson } Ch.
R. Ducray
R. Malone } Mixing
H. Carlson } Concrete
E. Spiegel

Date 1/15/37 Page 12



F.B. 1320-98

A4 Line

Station

STATE OF CALIFORNIA

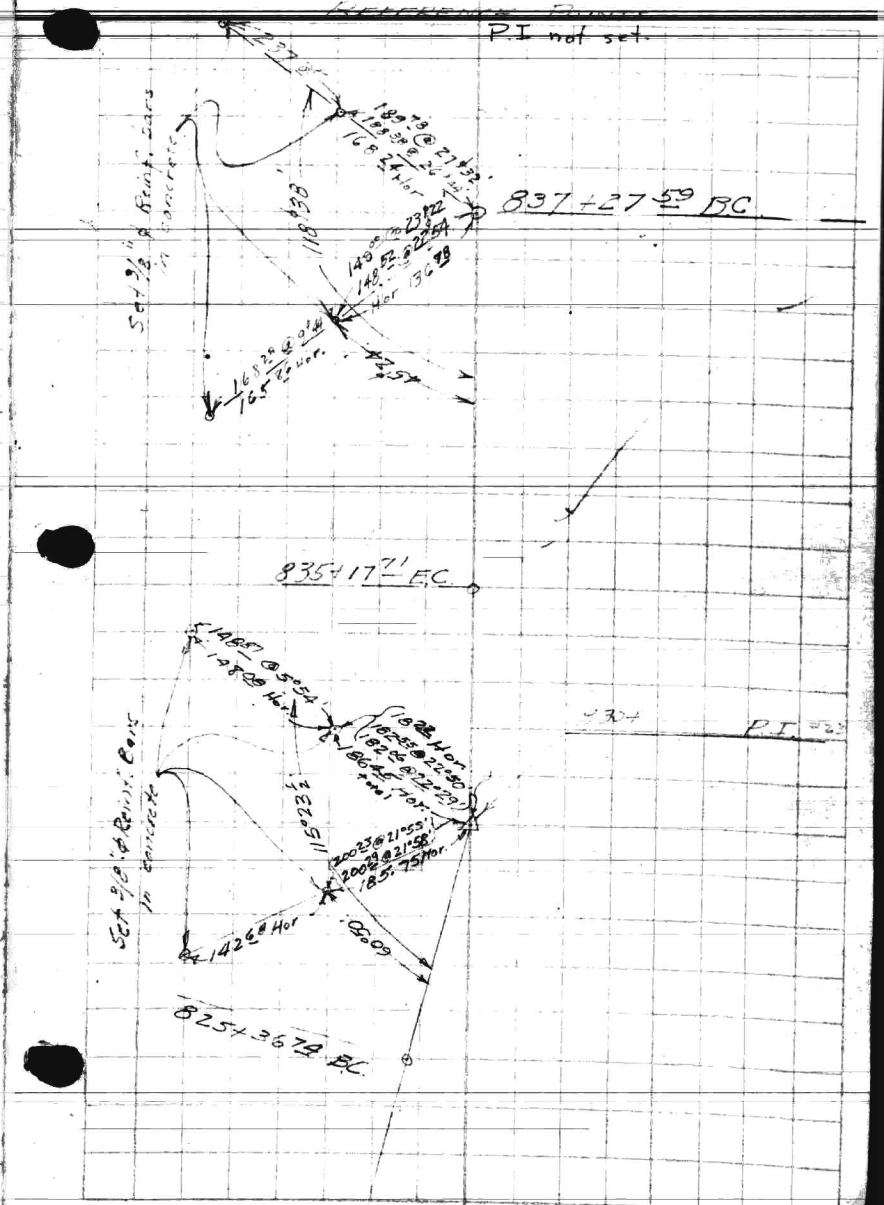
F.B. 1320-99

DIVISION OF HIGHWAYS

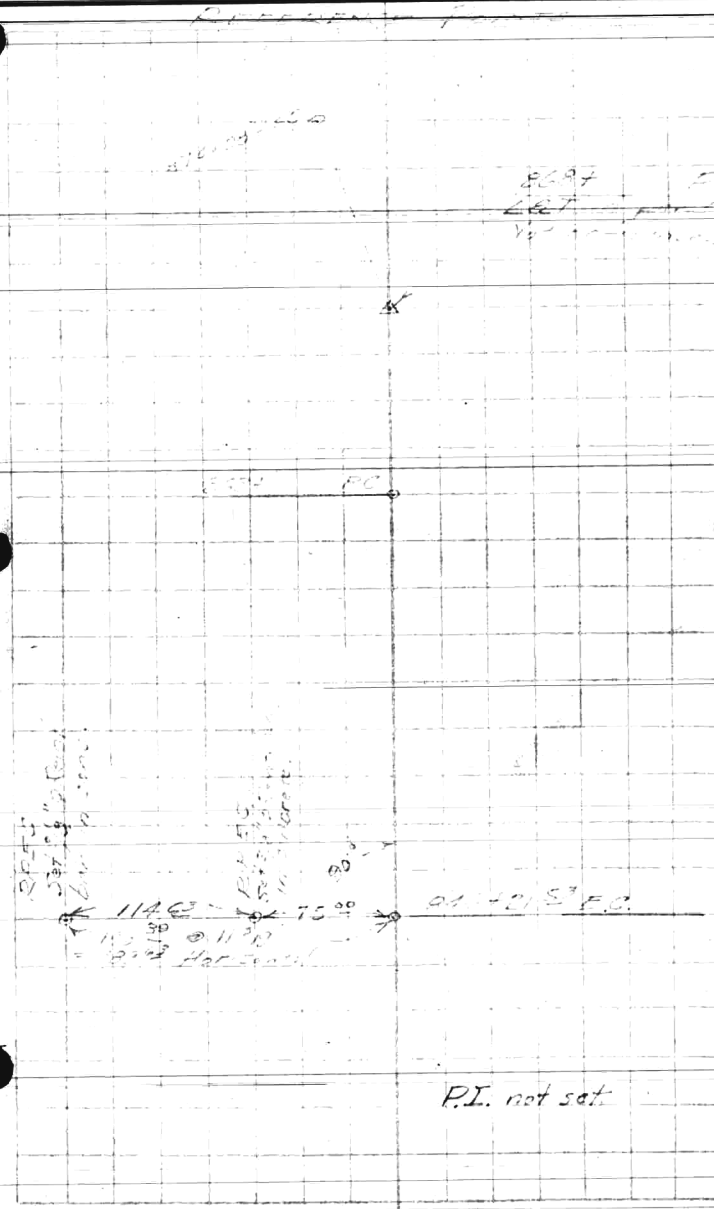
Co. LA Rt. 60 Sec. A

G.W. Elder. Notes
E. Stromquist X
K. McKesson Sch.
R. Ducray

Date 1-14-37 Page 13



4+ Line	STATE OF CALIFORNIA	DIVISION OF HIGHWAYS	G.W. Elder [illegible]
Station		Co. [illegible] Rt. 62 Sec. 4	Date [illegible] Page 14



44 Line

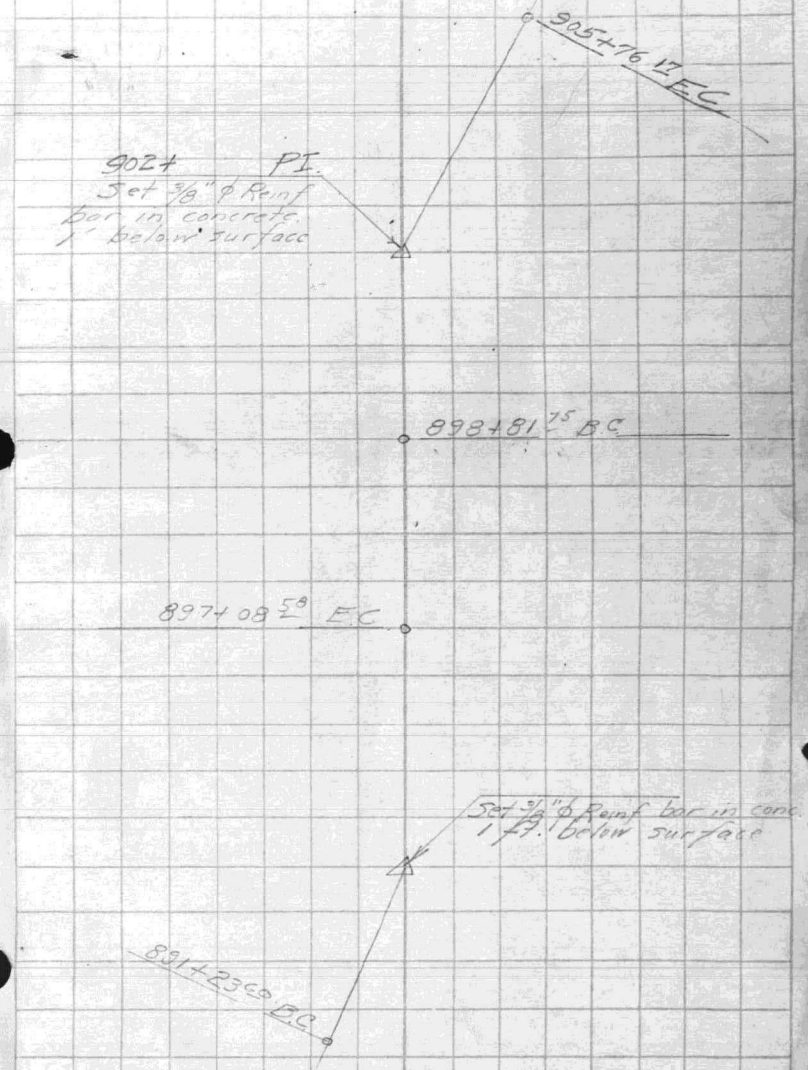
Station

STATE OF CALIFORNIA

DIVISION OF HIGHWAYS

G.W. Elder & party

Co. LA Rt. 60 Sec. A

Date 1-13-37 Page 15

Reference Points