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Map No.	JN Tape Std °F
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Date	Indexed

F.B. 2846 PG.

BOOK INDEX F.B. 2846 - PAGE

LINE 201, DESCRIPTIONS 1961 5 TO 97

LINE 125, DIFF. IN ELEVATIONS, 1972 101 TO 146

LINE 201 DIFF. IN ELEVATIONS, NOV. DEC. 1972 151 TO 250
CONT. IN F.B. 4127

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76F3098 CE#310 9-67

Microfilmed June '85

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LINE 201

J.N. 0301.02

L.A. CO. PRECISE LEVEL NET

Commencing at Sierra Hwy (US Hwy #6) and the SPRR crossing at Alpine Springs, proceeding South and Southwesterly along Sierra Hwy to 0.5 mile South west of Angeles Forest Hwy to triangulation station "SLOOT"

GUIZADO	A.C.
GOBLE	A.L.
GLIDDEN	R.D.
COOK	G.E.
ALWIN	G.P.

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7 6F 3095 S&E #247 11-58

F.B. 2886 PG. 6

INDEX

INDEX CONT. ON PAGE 32 TO 35

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Map No.	JN 030102 Tape Std °F
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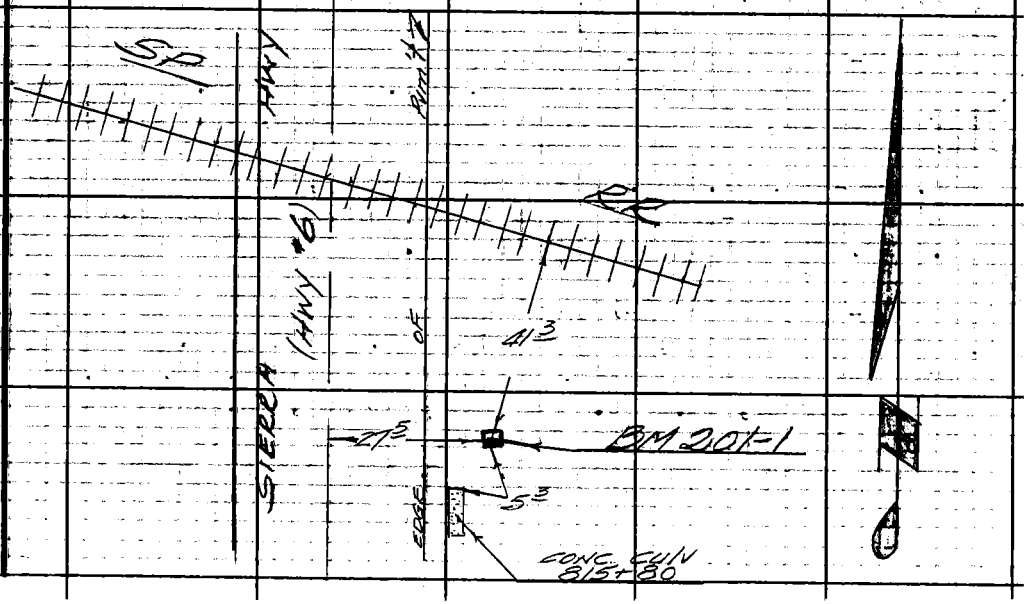
BM 201-1 (USC&GS V-429 1935)

PALMDALE: SIERRA HWY & SPRR CROSSING AT ALPINE SPRINGS, 2.7 MI. FROM THE STATION AT PALMDALE, 41³ SSW OF THE SW RAIL, 27⁵ E OF ℄ OF HWY, & 5³ NE OF THE N. END OF E. CONC CULV. HOWALL #815+60; FD A B.M. BRONZE DISK MK'D "USC&GS V-429 1935" SET IN TOP OF A CONC POST, 1.1 SO. OF A WITNESS POST.



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BM 201-2 (USC&GS W 429 1935)

Palmdale; Sierra Hwy, 2.7 miles So. along hwy from station at Palmdale, at Alpine Springs X-ing, 105.5 ft SW of the SW rail, 28 ft. NE of ℄ of hwy, fd a BM bronze disk mk'd, "USC&GS W-429 1935" set in top of a concrete post & 1.8 ft SW of a white witness post.

SEE F.B. 3728-11

BM 201-3 (USC&GS X 429 1935)

Palmdale; Sierra Hwy, 2.75 miles So. along hwy from station at Palmdale, at Alpine Springs, 102.2 ft. SW of the SW rail, 71.1 ft NE of ℄ of hwy, 17.0 ft N of PP # 698814E fd a BM bronze disk mk'd "USC&GS X-429 1935) set in top of a concrete post

SEE F.B. 3728-13

BM 201-4 (USC&GS Y-429 1935)

Palmdale; Sierra Hwy, & 2.80 miles So. along hwy from station at Palmdale, at Alpine Springs, 98.8 SW of the SW rail, 85.6 ft. NE of ℄ of hwy, fd a BM bronze disk mk'd "USC&GS Y-429 1935" set in top of a concrete post & 1.8 ft. NE of a white witness post.

SEE F.B. 3728-15

BM 201-5 (USFS 109 1905)

Palmdale; Sierra hwy, & 2.80 miles So. along hwy from station at Palmdale, at Alpine Springs, 81.9 ft NE of ℄ of hwy, 71.3 ft. N of the NW end of the NE concrete head wall of Culvert BR. 53-508 E 810 / 06, fd a BM bronze disk mk'd "USFS Reserve 109 1905" riveted on top of a 3½" iron pipe & 2.5 ft NW of a white witness post.

SEE F.B. 3728-15

BM 201-6 (USC&GS Z-429 1935)

Palmdale; Sierra Hwy, & 2.85 miles So. along hwy, from station at Palmdale, at Alpine Springs, 88.7 ft. SE of the SE end of the NE concrete headwall of Culvert E 810 / 06 Br. #53-508, 61.8 ft. NE of the ℄ of hwy, fd a BM bronze disk mk'd "USC&GS Z-429 1935" set in top of a concrete pipe & 1.6 ft. NW of a white witness post.

SEE F.B. 3728-17

BM 201-7 (USC&GS D-1000 1958)

Palmdale; Sierra Hwy, & 2.85 miles So. along Hwy from station at Palmdale, near Alpine Springs, 93.0 ft. W of the W rail, 84.0 ft. E of the ℄ of hwy, fd. a BM bronze disk mk'd "USC&GS D1000 1958" set in the top of a 10" square concrete monument & 1.0 ft. E of a white witness post.

SEE F.B. 3728-19

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Map No.	JN 0301.02 Tape Std °F	
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Date	Indexed E.E. OH	

BM 201-8 (USC&GS B-430 1935)

Palmdale; Sierra Hwy., & 3.0 miles NE along hwy, from the junction at OLD Angeles Forest Hwy., 46.2 ft. SW of a fence, 44.4 ft. NE of ℄ of hwy., fd. a BM bronzee disk mk'd "USC&GS B-430 1935" set in top of a concrete post & 1.3 ft. NW of a white witness post.

SEE F.B. 3728-21

BM 201-9 (USC&GS C-430 1935)

Palmdale; Sierra Hwy., & 2.9 miles NE along hwy., from the junction at OLD Angeles Forest Hwy., 48.8 ft. SW of a fence, 42.3 ft. NE of the ℄ of hwy., fd a BM bronze disk mk'd "USC&GS C-430 1935" set in top of a concrete post & 1.7 ft. NW of a white witness post.

SEE F.B. 3728-23

BM 201-10 (USC&GS D-430 1935)

Palmdale; Sierra Hwy., & 2.9 miles NE along hwy, from the junction at OLD Angeles Forest Hwy., 52.9 SW of the SW railroad R/W fence, 41.8 ft. NE of the ℄ of hwy. fd. a BM bronze disk mk'd "USC&GS D-430 1935" set in top of a concrete post & 1.2 ft. NW of a white witness post.

SEE F.B. 3728-25

BM 201-11 (USC&GS E-430 1935)

Palmdale; Sierra Hwy., & 2.8 miles NE along hwy, from the junction at OLD Angeles Forest Hwy., 71.3 ft. N of the NW end of the NE concrete headwall of Culvert E 796-30, 56.2 ft. SW of a fence, 41.6 ft. NE of ℄ of hwy, fd a BM bronze disk mk'd "USC&GS E-430 1935" set in top of a concrete post & 1.5 ft. NW of a white witness post.

SEE F.B. 3728-27

BM 201-12 (USC&GS F-430 1935)

Palmdale; Sierra Hwy., & 2.8 miles NE along hwy, from the junction at OLD Angeles Forest Hwy., 36.8 ft. NE of ℄ of hwy, 10.5 ft. NW of center of a drain ditch, fd a BM bronze disk mk'd "USC&GS F-430 1935" set in top of a concrete post & 1.4 ft. SE of a white witness post.

SEE F.B. 3728-29

BM 201-13 (USC&GS G-430 1935)

Palmdale; Sierra Hwy., & 2.8 miles NE along hwy, from the junction at OLD Angeles Forest Hwy., 44.9 NE of ℄ of Hwy., 18.0 NE of center of a drain ditch, fd a bronze BM disk mk'd "USC&GS G-430 1935" set in top of a concrete post & 1.6 ft. SE of a white witness post.

SEE F.B. 3728-31

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F.B. 2846 Pg. 10

BM 201-14 (USC&GS H-430 1935)

Palmdale; Sierra Hwy., & 2.7 miles NE along hwy from the junction at OLD Angeles Forest Hwy., 43.6 ft. NE of ℄ of hwy, 15.5 ft. NE of center of a drain ditch, fd a bronze disk mk'd "USC&GS H-430 1935" set in top of a concrete post & 1.4 ft. SE of a white witness post.

SEE F.B. 3728-33

BM 201-15 (USC&GS J-430 1935)

Palmdale; Sierra Hwy., & 2.7 miles NE along hwy from the junction at OLD Angeles Forest Hwy., 40.4 ft. NE of ℄ of hwy, 12.5 NE of the center of a drain ditch, fd a bronze B.M. disk mk'd "USC&GS J-430 1935" set in top of a concrete post & 1.6 ft. SE of a white witness post.

SEE F.B. 3728-35

BM 201-16 (USC&GS K-430 1935)

Palmdale; Sierra Hwy., & 2.6 miles NE along hwy from the junction at OLD Angeles Forest Hwy., 42.6 NE of the ℄ of hwy, 8.5 ft. NE of the center of a drain ditch, fd a bronze B.M. disk mk'd "USC&GS K-430 1935" set in top of a concrete post & 1.5 ft. SE of white witness post.

SEE F.B. 3728-37

BM 201-17 (USC&GS L-430 1935 Reset 1955)

Palmdale; Sierra Hwy., 2.6 miles NE along hwy from the junction at OLD Angeles Forest Hwy., 45.8 ft. NE of ℄ of hwy., 7.0 SE of corner fence post, 11.0 ft. NE of the center of a drain ditch fd, a bronze B.M. disk mk'd "USC&GS L-430 1935 Reset 1955" set in top of concrete post & 1.7 ft. NE of a white witness post.

SEE F.B. 3728-39

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Map No.	JN 0301.02 Tape Std °F
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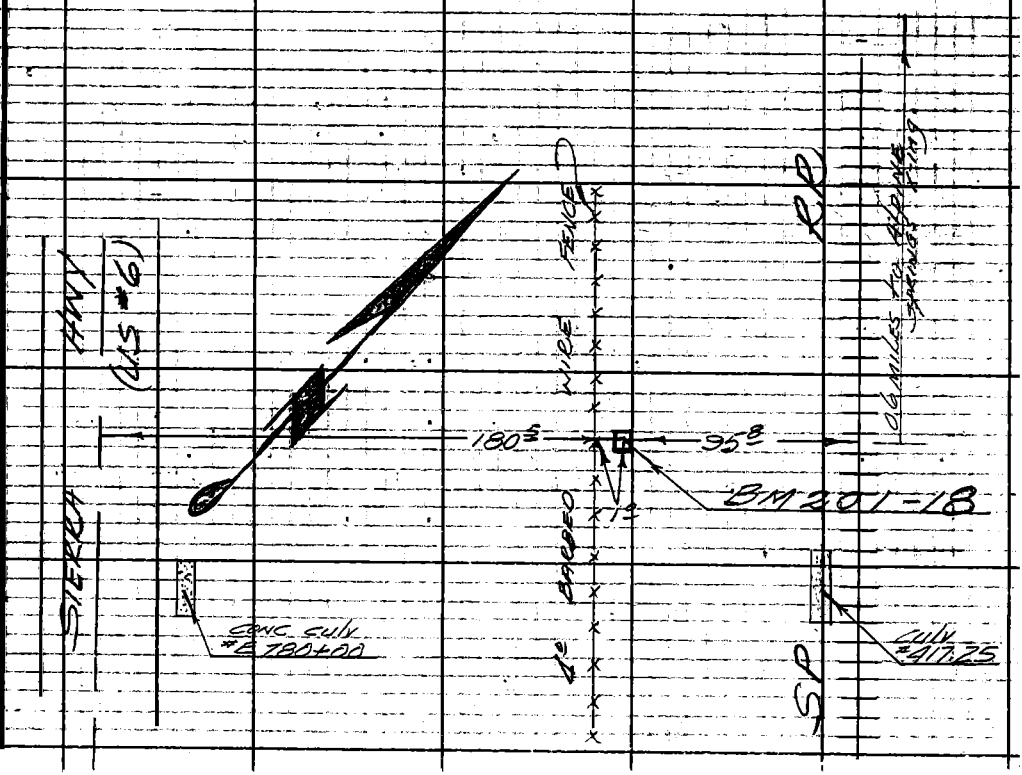
Date	Indexed S. E. OTT

BM 201-18 (USC&GS G-57 1926)

PALMDALE: SIERRA HWY S 0.6 MI S'Y OF SPRR CROSSING AT ALPINE SPRINGS; 0.25 MI SE OF MILEPOLE 417, 180° NE OF ℄ OF HWY, 95.8 SW OF THE SW RAIL & 1.0 NE OF A FENCE LINE, FD A BRONZE DISK MK'D "USC&GS G-57 1926" SET IN TOP OF A CONC POST, 1.5 NW OF A WHITE WITNESS POST MK'D "US Δ STA."

See FB 3928-41



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F.B. 2846 Pg. 12

BM 201-19 (USC&GS M 430 1935)

Palmdale: Sierra Hwy., 2.5 miles NE along hwy, from the junction at Angeles Forest Hwy, 40.7 ft. SE of the SE end of the NE concrete headwall of Culv. ~~B780/00~~ 28.84, 31.~~1 ft.~~ ~~NE of the ℄ of hwy, fd. a bronze~~ B.M. disk mk'd "USC&GS M-430 1935" set in top of a concrete post, 2.0 ft. So. of a white witness post. B.M. Not Fd. 7/1/68 RCBowers

FD 12/17/68 FB 3728-43 FOUND DESTROYED 11-3-72 G.E.D.

BM 201-20 (USC&GS N 430 1935)

Palmdale: Sierra Hwy., 2.4 miles NE along hwy ~~from the junction at~~ Angeles Forest Hwy., 28.0 NE of the ℄ of hwy., 16.5 NW of driveway entrance to a Trailer Sales & repair yard., fd, a bronze B.M. disk mk'd "USC&GS N-430 1935" set in top of a concrete post, 2.0 ft. So. of a white witness post. SEE F.B. 3728-45

BM 201-21 (USC&GS P 430 1935)

Palmdale: Sierra Hwy., 2.4 miles NE along hwy, from the junction at Angeles Forest Hwy., 28.4 E. of the ℄ of hwy, 0.7 W of an old fence line, fd a bronze B.M. disk mk'd "USC&GS P-430 1935" set in top of a concrete post, 1.7 N of a white witness post. See F.B. 3728-47

BM 201-22 (USC&GS EE 487 1955)

Palmdale: Sierra Hwy., 2.3 miles NE along hwy, from the junction at Angeles Forest Hwy., 32.7 E. of ℄ of hwy, ~~2.5 east of a fence line, 12 ft. No. of ℄ of driveway to the Girard Drilling Building,~~ 54.2 West of the NW corner of ~~the building~~ house no. 35658, fd a bronze B.M. disk mk'd "USC&GS EE-487 1955" set in top of a concrete post & 2.2 ft. So. of a white witness post. See FB 3728-49

BM 201-23 (USC&GS R 430 1935)

Palmdale: Sierra Hwy., 2.3 miles NE along hwy from the junction at Angeles Forest Hwy., 88 ft NW of the ℄ of gravel road leading east, 27.5 NE of the ℄ of hwy., 5.0 ft. NW of the post for mail box 56 A 2.8 ft. SW of an old fence line, fd a bronze B.M. disk Mk'd "USC&GS R-430 1935" set in top of a concrete post & 1.6 ft. SE of a white witness post.

Not Fd. 7/1/68 RC Bowers

FOUND DESTROYED 11-3-72 G.E.DREIER

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Map No.	JN0301.02 Tape Std °F	
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BM 201-24 (USC&GS M 811 1947 RESET 1955)
Palmdale; Sierra Hwy., 2.2 miles NE along hwy, from the junction at OLD Angeles Forest Hwy., 85.0 ft. east of the ℄ of hwy, 3.5 ft. So. of TP#2290, fd a bronze B.M. disk mk'd "USC&GS M-811 1947 RESET 1955" set in top of a concrete post, 1.4 ft. No. of a white witness post. See F.B. 3728-53

BM 201-25 (USC&GS T 430 1935)
Palmdale; Sierra Hwy., 2.2 miles NE along hwy, from the junction at OLD Angeles Forest Hwy., 0.1 miles south of the 'T' junction of a gravel road leading east, 42.3 ft. NW of the NW end of "Sunny Side Farms" sign, 29.3 ft. east of the ℄ of hwy, fd a bronze B.M. disk mk'd "USC&GS T-430 1935" set in top of a concrete post, 1.3 ft. south of a white witness post. See F.B. 3728-55

BM 201-26 (USC&GS U 430 1935)
Palmdale, Sierra Hwy., 2.1 miles NE along hwy, from the junction at OLD Angeles Forest Hwy., 0.16 miles north of a private house with a woven wire fence, in line with a telephone pole line, 29.4 feet east of the ℄ of hwy, 78.5 ft. SW of a TP, fd a bronze disk mk'd "USC&GS U-430 1935" set in top of a concrete post, 1.5 ft. north of a white witness post.
Not Fd. 7/1/68 R.C. Bowers

BM 201-27 (USC&GS DD 487 1955)
Palmdale; Sierra Hwy., 2.1 miles NE along hwy from the junction at OLD Angeles Forest Hwy., 0.05 mile north of a private house with a woven wire fence, in line with a telephone pole line, 98.4 ft. east of ℄ of hwy, 77 ft. south of a telephone pole, fd a bronze B.M. disk mk'd "USC&GS DD-487 1955" set in top of a concrete post, 1.8 ft. north of a white witness post.
See F.B. 3728-59

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F.B. 2846 Pg. 14

BM 201-28 (USC&GS X 899 1955)
Palmdale; Sierra Hwy., 2.0 miles NE along hwy, from the junction at Angeles Forest Hwy., at the SW corner of a woven wire fence, 111.2 east of ℄ of hwy, 1.9 ft west of an old fence line, fd a bronze disk mk'd "USC&GS X 899 1955" set in top of a concrete post, 1.7 feet north of a whitewitness post.

See FB 3728-61

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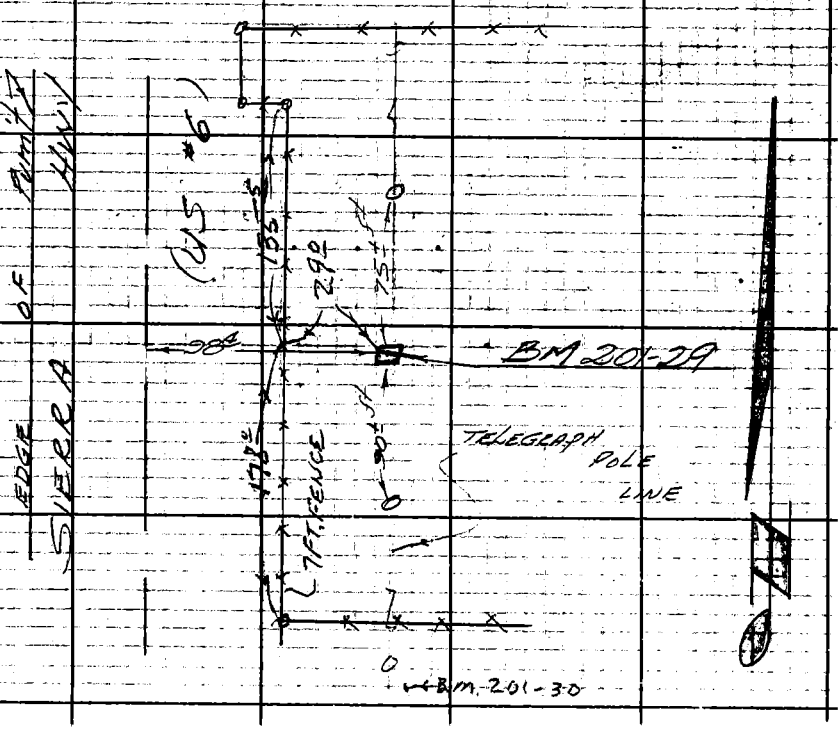
BM 201-29 (USC&GS Y-899 1955).

PALMDALE: SIERRA HWY & 2.0 MI NE ALONG HWY FROM JUNCTION AT ANGELES FOREST HWY, 98.4 E OF ℄ OF HWY 52° E OF CTR OF A DRAIN DITCH, BETWEEN TWO TELEGRAPH POLES, 90' N & 75' S Fd A BRONZE DISK MK'D "USC&GS Y-899 1955" SET IN TOP OF A CONC POST, 2.0 N. OF A WHITE WITNESS POST.

4.0 MI. S.W. of the S.P. RR. in Palmdale.

6/2/68 RCB



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BM 201-30 (USC&GS Z 899 1955)

Palmdale; Sierra Hwy, 2.0 miles NE along hwy from the junction at old Angeles Forest Hwy., 75.2 ft. east of ℄ of hwy, 62 ft. south of a gravel road leading east, 24.5 ft. east of the center of a drain ditch, 3.0 ft. SE of a telephone pole, fd a bronze B.M. disk mk'd "USC&GS Z-899 1955" set in top of a concrete post, 2.0 ft. No of a white witness post.

See FB. 3728-65

BM 201-31 (USC&GS W-899 1955)

Palmdale; Sierra Hwy., 1.9 miles NE along hwy, from the junction at old Angeles Forest Hwy., 61.9 ft. east of ℄ of hwy, 27 feet north of a TP with guy wire connectin to PP#778203, 20.5 ft. east of Center of concrete slab drain ditch, fd a bronze B.M. disk mk'd "USC&GS W-899 1955" set in top of concrete post, 2.1 ft. So. of a white witness post.

See F.B. 3728-67

BM 201-32 (USC&GS V 899 1955)

Palmdale; Sierra Hwy., 1.9 miles NE alnng hwy, fromt the junction at old Angeles Forest Hwy., at junction of Pear Blossom Hwy, 143.4 ft. No. of Pear Blossom Hwy, 99.7 ft. east of ℄ of Sierra Hwy., 23 ft. south of TP 991808 E fd a bronze B.M. disk mk'd "USC&GS V-899 1955" set in top of a concrete post, 1.8 feet north of a white witness post.

See FB 3728-69

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Date ____	Indexed: H.E. On	

BM 201-33 (USC&GS U 899 1955)

Palmdale; Sierra Hwy; 1.8 miles NE along hwy from the junction at Angeles Forest Hwy, at the triangle formed by PearBlossom Hwy & Sierra Hwy, 52.0 ft. No. of the ℄ of one way road heading east, 79.7 ft. SE of ℄ of road leading into Sierra Hwy., 3.5 ft east of a TP with a guy wire, fd a bronze B.M. disk mk'd "USC&GS U-899 1955" set in top of a concrete post, 1.3 ft. south of a white witness post.

See F.B. 3728-71

BM 201-34 (USC&GS LOFT Triangulation disk)

Palmdale; Sierra Hwy., 1.8 miles NE along hwy from the junction at Angeles Forest Hwy., at the junction of Pear Blossom hwy., 80.3 ft. NE of the NE end of the SE concrete headwall of Culvert E 43/60, 43.5 ft SE of ℄ of one way road leading east, 69 ft. NE of a TP, fd a bronze disk mk'd "USC&GS LOFT 1938" set in top of 12" concrete post, 2.0 feet north of a white witness post.

See F.B. 3728-73

BM 201-35 (USC&GS T 899 1955)

Palmdale; Sierra Hwy., 1.8 miles NE along hwy from the junction at Angeles Forest Hwy., at a jog in the fence line, 32.9 ft. west of the ℄ of south bound lane, 3.3 ft. NW of a corner fence post, 1.7 ft. north of the fence, fd a bronze B.M. disk mk'd "USC&GS T-899 1955" set in top of a concrete post, 2.3 ft. east of a white witness post.

See F.B. 3728-75

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F. B. 2846 PG 18

1947

BM 201-36 (USC&GS P 811 RESET 1955)

Palmdale; Sierra Hwy., 1.7 miles NE along hwy from the junction at Angeles Forest Hwy., 49.7 NW of ℄ of hwy, 26 feet SE of PP#706718E, 1.5 feet SE of a right-of-way fence, fd a bronze B.M. disk mk'd "USC&GS P-811 1947 RESET 1955" set in top of a concrete post, 2.6 ft. NE of a white witness post

See F.B. 3728-77

BM 201-37 (USC&GS S 899 1955)

Palmdale; Sierra Hwy; 1.7 miles along hwy in a NE direction, from the junction at Angeles Forest Hwy., 66.5 ft. SE of ℄ of hwy, 39.1 ft. south of the SW end of the SE concrete headwall of Culvert E733/05, fd a bronze B.M. disk mk'd "USC&GS S-899 1955" set in top of a concrete post 1.9 ft. north of a white witness post.

See F.B. 3728-77

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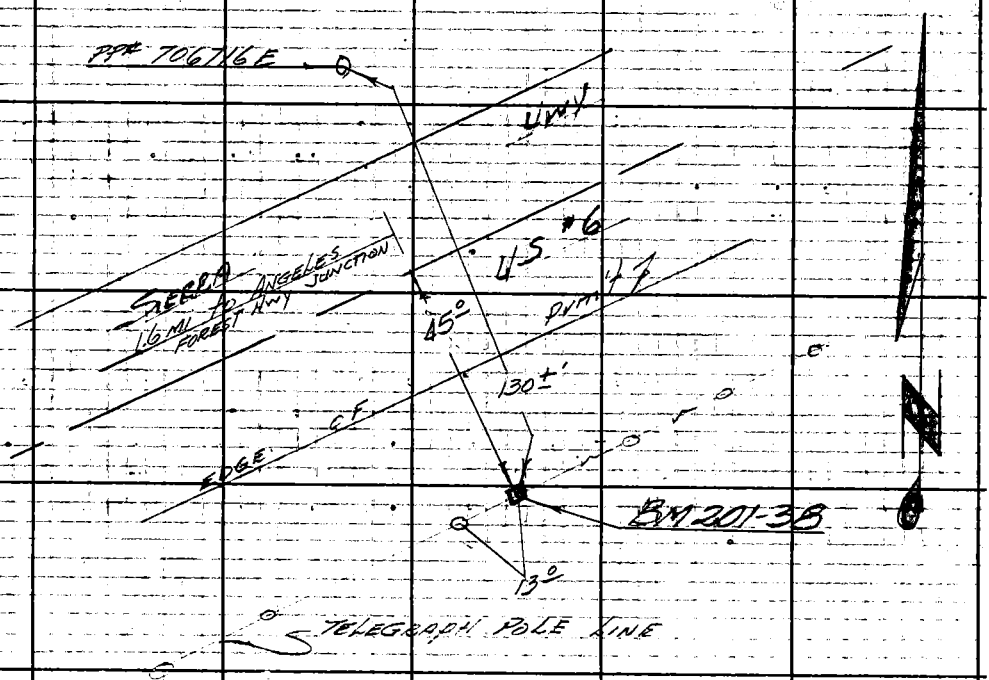
Map No.	JN 0301.02 Tape Std. °F
Office Work	Surveyed by A. C. GUIZADO
Checked	Notes ACG Date 2/3/61
Date	Indexed H. E. OTT

BM 201-38 (USC&GS R-899 1935)

SIERRA HWY & 1.6 MI NE ALONG HWY FROM THE JUNCTION AT ANGELES FOREST HWY, 45° SE OF ℄ OF HWY, 13° NE OF A TP, 130 ft± SE OF A PP# 706716E, FD A BRONZE DISK MK'D "USC&GS R-899 1955" SET IN TOP OF A CONC POST & 2.3' SW. OF A WHITE WITNESS POST



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F.B. 2846, PG. 20

BM 201-39 (USC&GS Q 899 1955)

Palmdale; Sierra Hwy., 1.5 miles NE along hwy, from the junction of Old Angeles Forest Hwy, 77.1 ft. east of the NE end of the SE concrete headwall of Culvert E723 + 00, 55.4 ft. SE of the ℄ of hwy, fd. a bronze BM disk mk'd "USC&GS Q-899 1955" set in top of a concrete post & 1.7 ft No. of a white witness post. FB 3728-83

BM 201-40 (USC&GS LOFT "A" 1938)

Palmdale; Sierra Hwy, 1.4 miles NE along hwy, from the junction of Old Angeles Forest Hwy, on the NW slope of a small knoll, about 50 feet north of the summit, 57.5 ft SE of ℄ of hwy, (slope meas.) 46.5 ft. SE. of TP#116129, (slope meas) fd a bronze traverse-station disk mk'd "USC&GS LOFT "A" 1938" set in top of a concrete post & 1.4 ft NW of a white witness post and about 15 ft. higher than hwy.
FB 3728-85

BM 201-41 (USC&GS P 899 1955)

Palmdale; Sierra Hwy, 1.4 miles NE along hwy, from the junction of Old Angeles Forest Hwy., 32.4 ft. NW of ℄ of hwy, 3½ ft. NW of the center of a drain ditch, fd a bronze BM disk mk'd "USC&GS P-899 1955" & 1.6 ft. NE of a white witness post. See FB 3728-87

BM-201-42 (USC&GS N 899 1955)

Palmdale; Sierra Hwy, 1.3 miles NE along Hwy, from the junction of Old Angeles Forest Hwy., 67.5 ft. NW of ℄ of hwy, 4.0 ft. SE of PP#706713E, fd a bronze B.M. disk mk'd "USC&GS N-899 1955" set in top of a concrete post & 1.7 ft. west of a white witness post. See F.B. 3728-89

BM 201-43 (USC&GS M 899 1955)

Palmdale; Sierra Hwy, 1.2 miles NE along Hwy, from the junction of Old Angeles Forest Hwy, 0.05 mi NE of concrete culvert 710+00, 63.0 ft. NW of ℄ of hwy, 56½ ft. SW of PP#706712E, fd a bronze B.M. disk mk'd "USC&GS M-899 1955" set in top of a concrete post & 1.6 ft. east of a white witness post. See FB 3728-91

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Map No.	J0301.02 Tape Std °F	
Office Work	Surveyed by A.C. Guizado	
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Date	Indexed H. E. OD	

BM 201-44 (USC&GS ATLAS R.N. 1 1938)

Palmdale; Sierra Hwy, 1.2 miles NE along hwy, from the junction of old Angeles Forest Hwy., 25.5 ft. NW of ℄ of hwy, 24.5 ft. east of ATLAS triangulation station, fd a bronze RM disk mk'd "ATLAS RM 1 1938" set in top of the NE end of the NW concrete headwall of Culvert E 710/00 & about level with hwy. See FB 3728-93

BM 201-45 (USC&GS ATLAS 1938)

Palmdale; Sierra Hwy, 1.2 miles NE along hwy from the junction at old Angeles Forest Hwy., 38.5 ft NW of ℄ of hwy, 24.5 ft. west of ATLAS RM, 18.8 ft west of the SW end of the NW concrete headwall of Culvert E710/00, fd a bronze triangulation-station disk mk'd "USC&GS ATLAS 1938" set in top of a concrete post & 1.8 ft. south of a white witness post. See FB 3728-93

BM 201-46 (USC&GS J 431 1935)

Palmdale; Sierra Hwy., 1.1 miles NE along hwy, from the junction at old Angeles Forest Hwy., 25.6 ft. NW of ℄ of hwy, 14 ft. SW of center of road leading NW, fd a bronze disk mk'd "USC&GS J-431 1935" set in top of concrete post & 1.4 ft. SE of a white witness post.

DESTROYED 6-26-68 - TD

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76F309S S&E #247 11-58

F. B. 2846 Pg. 22

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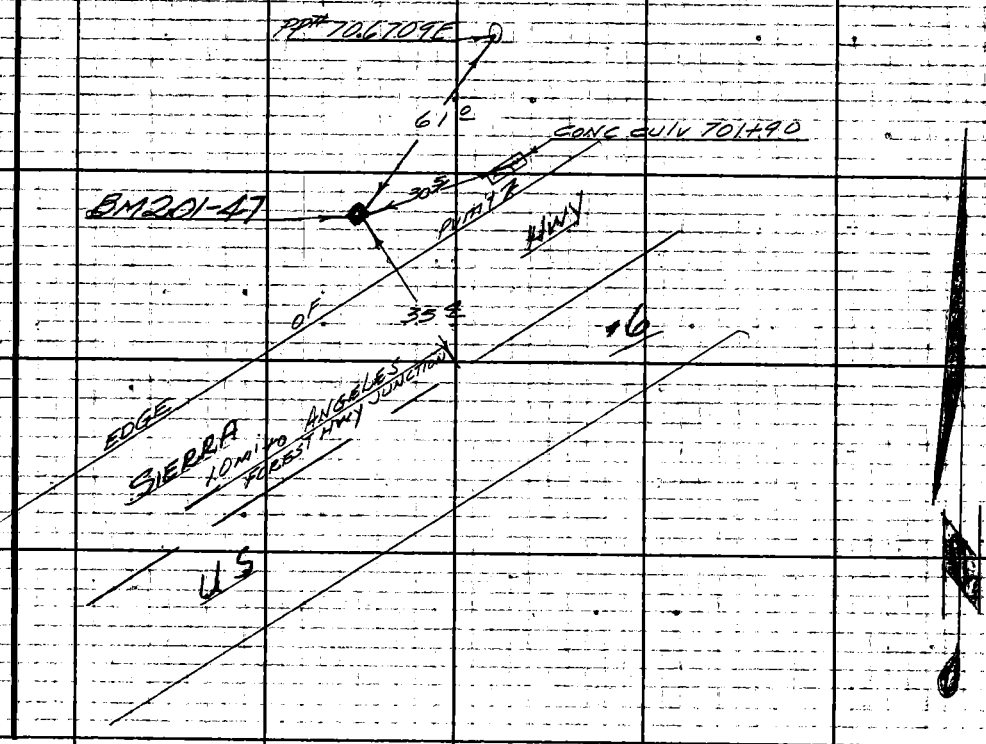
Date	Indexed H.E. OTT

F. B. 2846 PG. 23

BM 201-47 (USC&GS K-431 1935)
SIERRA HWY & 1.0 MI NE ALONG HWY. FROM JUNCTION AT ANGELES FOREST HWY, 35.4 NW OF ℄ OF HWY, 61° SW OF PP# 706709E, 30.5 SW OF THE SW END OF THE NW CONC HEADWALL OF CULV E 701+90, FD A BRONZE DISK MK'D "USC&GS K-431 1935) SET IN TOP OF A CONC POST & 1.4 SW OF A WHITE WITNESS POST.

DESTROYED SEE FB 3728-97



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F. B. 2846 Pg. 24

BM 201-48 (USC&GS E 1000 1958)

Palmdale; Sierra Hwy, 0.95 miles NE along hwy from the junction at old Angeles Forest Hwy., 44.4 ft. NW of ℄ of hwy, 22.2 ft. NE of a fence ~~corner~~, 15.0 ft. NE of a PP#706705E, fd a bronze B.M. disk mk'd "USC&GS E-1000 1958" set in top of a concrete post & 2.0 ft SE of a white witness post. FB 3728-99 DESC. OK. 6-21-68 EJT

BM 201-49 (USC&GS M 431 1935)

Palmdale; Sierra Hwy, 0.8 miles NE along hwy, from the junction of Angeles Forest Hwy., 0.05 mi NE of and across the highway from the Propane Gas Comp. Inc. building, 30.0 ft. SE of PP#706705E, 26.4 ft. NW of ℄ of hwy, 20.6 SE of a fence, fd a bronze disk mk'd "USC&GS M-431 1935" set in top of a concrete post & 0.7 ft NW of a white witness post. NOT FOUND 6/21/68 RCB

BM 201-50 (USC&GS NIPER RM 1 1938)

Palmdale; Sierra Hwy., 0.7 miles NE along hwy from the junction of Angeles Forest Hwy., 83.3 ft. north of the north corner of a woven wire fence around Propane Gas Co., 31.0 SE of ℄ of hwy, 13½ ft. NE of a TP, fd a bronze RM disk mk'd "USC&GS NIPER NO. 1 1938" set in top of a concrete post & 0.8 ft. north of a white witness post.

NOT FOUND 6/21/68 RCB

Fd Destroyed 12-16-77 R COCKERHAM

BM 201-51 (USC&GS L 899 1955)

Palmdale; Sierra Hwy., 0.7 miles NE along hwy from the junction of old Angeles Forest Hwy., 57.6 ft. NW of ℄ of hwy, 9.0 ft. NW of a fence, 4.9 ft. SE of PP#706705E, fd a bronze B.M. disk mk'd "USC&GS L-899 1955" set in top of a concrete post & 1.8 ft SW of a white witness post.

See FB 3728-109 Description OK 6-21-68 JMM

BM 201-52 (USC&GS Q 811 1947)

Palmdale; Sierra Hwy., 0.6 miles NE along hwy, from the junction at old Angeles Forest Hwy., 29.0 NW of ℄ of hwy, 49.0 ft SW of center of dirt road leading NW, fd a bronze B.M. disk mk'd "USC&GS Q-811 1947" set in top of a concrete Post & 1.6 ft. NE of a white witness post & 2.4 ft SW of a 4x4 inch post supporting a sign "NORTH BOUNDARY UPPER SANTA CLARA SOIL CONSERVATION DISTRICT, DISTRICT OFFICE NEWHALL " See F.B. 3728

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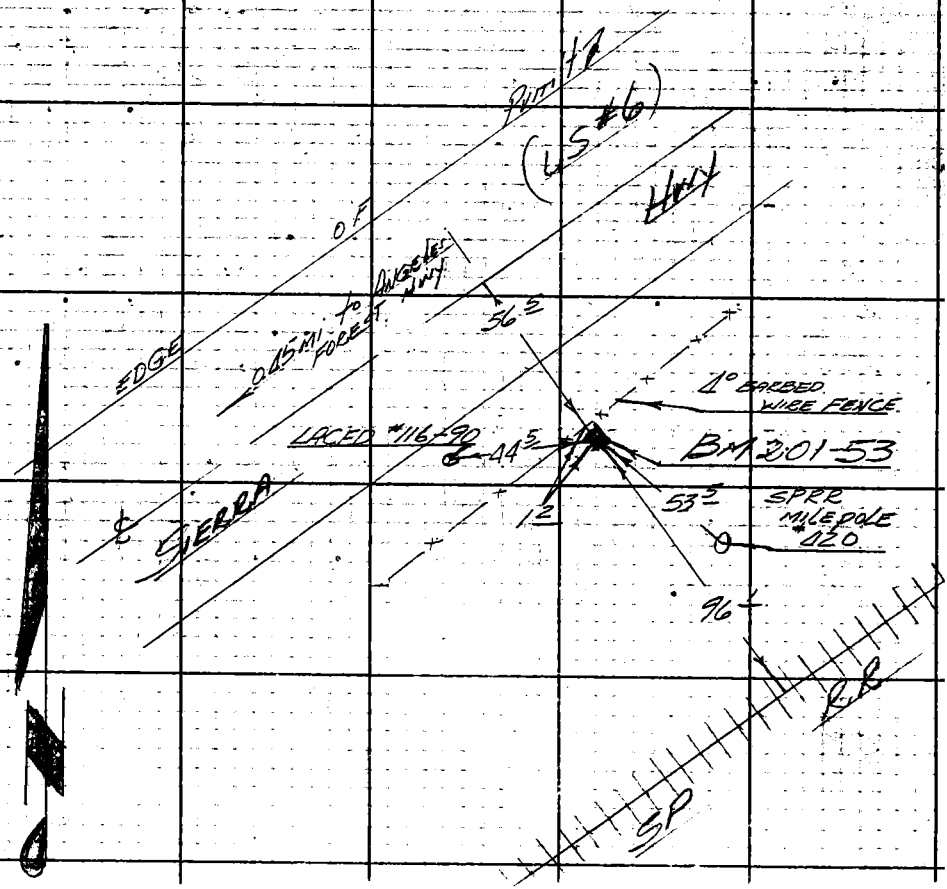
Date	Indexed H. E. OH

BM 201-53 (USC&GS H-57 1926)
SIERRA HWY & 0.45 MI. NE ALONG HWY FROM JUNCTION AT ANGELES FOREST HWY; 53.5 NW OF SPRR MILEPOLE 420; 56.5 SE OF ℄ OF HWY, 96' NW OF THE NW RAIL OF SPRR MAIN TRACK & E OF TP # LACFD 116-90, Fd A BRONZE DISK MK'D "USC&GS H-57 1926" SET IN TOP OF A 12" CONC. POST & 1.5 SE OF A WHITE WITNESS POST.



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F.B. 2846 Pg. 26

BM 201-54 (USC&GS Q 431 1935)

Palmdale; Sierra Hwy., 0.35 miles NE along hwy, from the junction at old Angeles Forest Hwy., 0.15 mi. NE of the crossing of the RRspur track, 29.7 ft. NW of the ℄ of hwy 164 ft. SW of the SW end of the NW concrete headwall of Culvert E665/75, fd. a bronze BM disk mk'd "USC&GS Q-431 1935" set in top of a concrete post & 1.4 ft. NE of a white witnesspost. FB 3728-115

BM 201-55 (USC&GS R-431 1935)

Palmdale; Sierra Hwy., 0.25 mi. NE along hwy from the junction at Angeles Forest Hwy., 244.7 ft. NE of the NE rail of spur track, 131 ft south of PP#699573E, 33.5 ft. NW of ℄ of hwy, fd a bronze disk mk'd "USC&GS R-431 1935" set in top of a concrete post & 1.2 ft. SE of a white witness post. NOT FOUND 6-20-68 TD.

BM 201-56 (USC&GS S 431 1935)

Palmdale; Sierra Hwy., 0.15 miles NE along hwy, from the junction at old Angeles Forest Hwy., 226.4 ft. SW of the SW end of NW concrete headwall of Culvert E653/00, 33.3 ft. NW of ℄ of hwy, fd a bronze B.M. disk mk'd "USC&GS S-431 1935" set in top of a concrete post & 1.3 ft. SW of a white witness post. See FB 3728-119

BM 201-57 (USGS 3219)

Palmdale; Sierra Hwy., 0.1 miles along hwy, from the junction at old Angeles Forest Hwy., 255½ ft. SE of ℄ of hwy, 121.6 ft NW of NW rail of main track, 24.6 NW of a fence, fd a bronze BM cap mk'd "U.S. Geological Survey 3219" riveted on top of a 3½" iron pipe, up about 18". FB 3728-121

BM 201-58 (USC&GS F 1000 1958)

Palmdale; 310 ft. east of ℄ int. of old Angeles Forest Hwy & Sierra Hwy (US Hwy #6) 198 ft. SE of ℄ of Sierra Hwy, fd a bronze B.M. disk mk'd "USC&GS F-1000 1958" set in top of a concrete post & 2.0 ft. SE of a white witness post. See FB 3728-123

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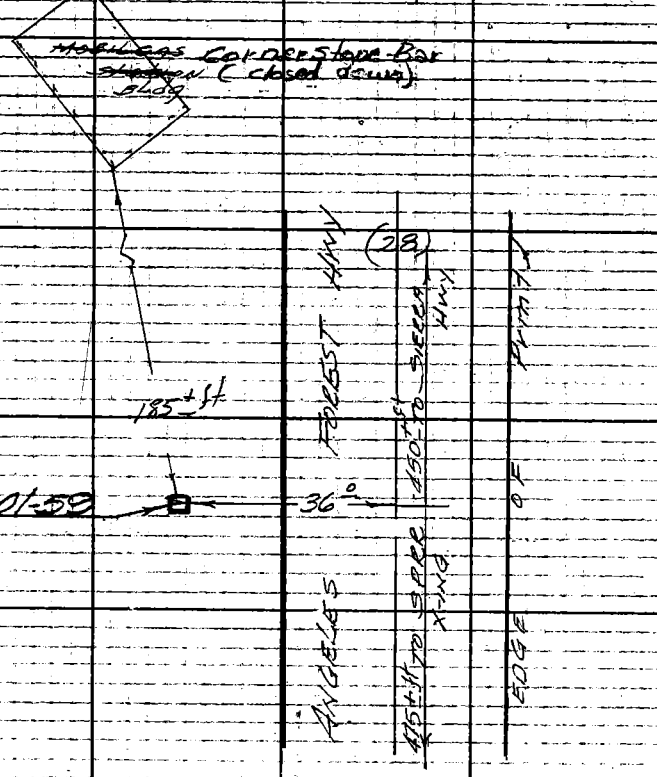
Checked	Notes A.C.G. Date 2/15/61	
Date	Indexed H.E. OTT	

BM 201-59 (USC&GS & MONT 2 1958)
ANGELES FOREST HWY & 450± SO. OF SIERRA HWY (US #6), 185± FT SO. OF THE SO. CORNER OF MOBILGAS STATION BUILDING, 36° W. OF & OF HWY & 475± FT along HWY FROM RR X-ING, FD A BRONZE △ DISK MK'D "MONT 2 1958" SET IN TOP OF A 10 inch CONCRETE POST & 12.0 W. OF A YELLOW HWY SIGN.



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F.B. 2846 PG. 28

BM 201-60 (USC&GS U 431 1935)

Palmdale; Sierra Hwy., 0.15 miles SW along hwy from the junction at old Angeles Forest Hwy., 39.4 SE of ℄ of hwy, at crossing of a High tension power line, 120.3 ft. north of the north leg of the NE one of two steel towers on SE side of hwy, fd a bronze B.M. disk mk'd "USC&GS U-431 1935" set in top of a concrete post & 1.7 ft. SW of a white witness post. See FB 3728-127

BM 201-61 (USC&GS V 431 1935)

Palmdale; Sierra Hwy, 0.3 miles SW along hwy from the junction at old Angeles Forest Hwy., 0.1 mi. SW of a double steel tower power line, 40.0 ft. SE of ℄ of hwy fd a bronze B.M. disk mk'd "USC&GS V-431 1935" set in top of a concrete post & 1.6 ft. SW of a white witnesss post.

FB 3728-129

1935

BM 201-62 (USC&GS W 431 RESET 1955)

Palmdale; Sierra Hwy., 0.4 miles SW along hwy, from the junction at old Angeles Forest Hwy., near the NW end of a cut, 252.6 ft. SW of the SW end of the NW concrete headwall of Culvert E622/80, 41.6 ft. NW of ℄ of hwy, fd a bronze B.M. disk mk'd "USC&GS W-431 1935 RESET 1955" set in top of a concrete post & 1.3 ft. SE of a white witness post.

FB 3728-131

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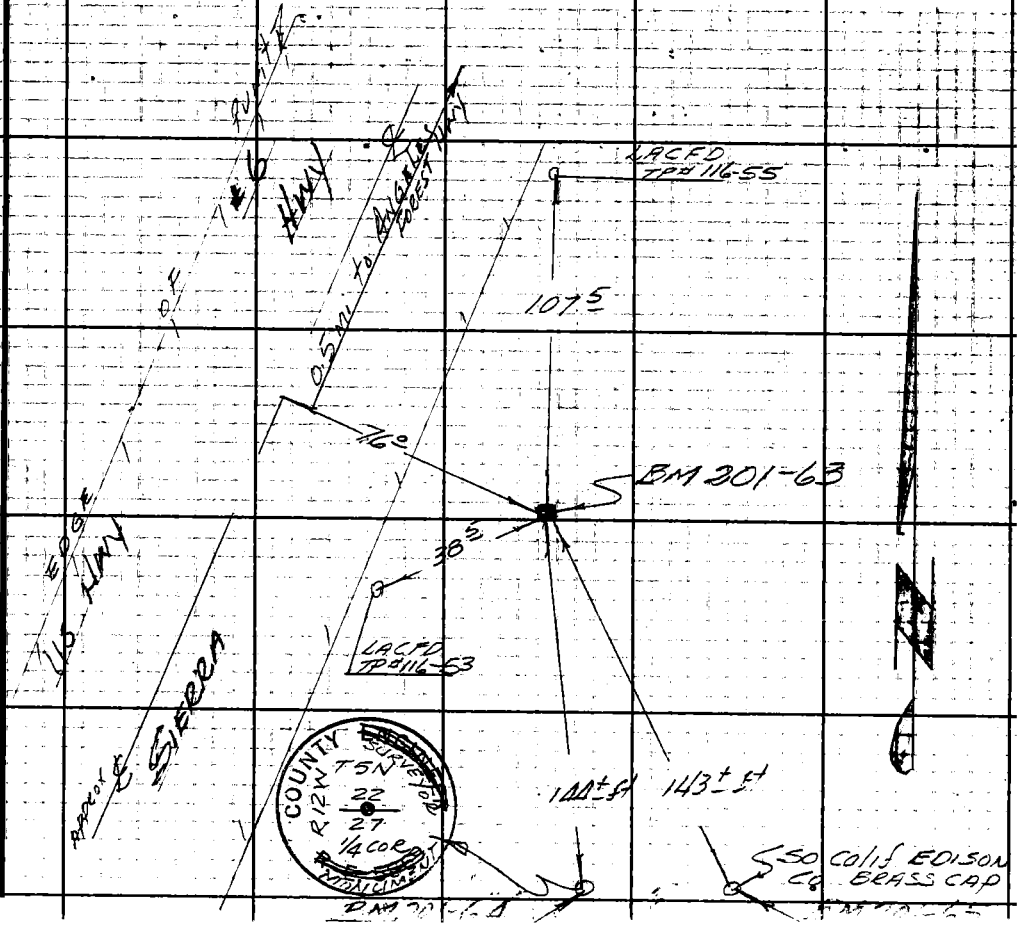
Office Work	Surveyed by A C GUIZADO
Checked	Notes ACG Date 2/7/61
Date	Indexed H. E. OTT

F. B. 2846 PG. 29

BM 201-63 (USC&GS 4 SLOOT 1938)
SIERRA HWY & 0.5 MI SW ALONG HWY FROM THE JUNCTION AT ANGELES FOREST HWY, 76° SE OF ℄ OF HWY, 38.5 NE OF TP# 116-53, 107.5 SO. OF TP# 116-55 FD A BRONZE TRIANGULATION DISK MK'D" SLOOT 1938" SET IN THE TOP OF A CONC POST, 2.6 SW OF A WHITE WITNESS POST



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F.B. 2846 Pg. 30

BM 201-64 (L.A. CountySurveyor)

Palmdale; Sierra Hwy, 0.5 miles SW along Hwy, from the junction at old Angeles Forest Hwy., 253 ft. west of SPR SPRR milepole 421, 145 ft. SE of ℄ of hwy, 142.6 south of station "Sloot", fd a std. L.A. County Surveyor monument mk'd "R 12 W T 5 N ¼ sec cor, SEC 22 / SEC 27" set in top of a concrete post & 5.8 west of a white witness post.

See F.B 3728-135

BM 201-65 (So. Cal. ED. Co."B.M.")

Palmdale; Sierra Hwy., 0.5 miles SW along hwy from the junction at old Angeles Forest Hwy., 241 ft. west of SPRR milepole 421, 157 ft. SE of ℄ of hwy, 142.6 south of station "SLOOT" fd a bronze cap mk'd "Southern Calif. Edison Company B.M." brazed on top of a 2" iron pipe & ~~6.0 ft. east of a white witness post.~~

the disk isn't stamped, but has a chiseled cross RCB

See F.B. 3728-135

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Map No.	JN 0301.02 Tape Std. °F	
Office Work	Surveyed by F.E. Brooks C.K. Lind V.E. Dier A.C. Guizado	
Checked	Notes F.E.B. LeGault Date Nov.	
Date	Indexed H. E. OTT APR 3 '62	

J.N. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE No. 201

Bench Mark Descriptions

From BM 201-65A 0.4 mi E. of Soledad Canyon Rd. S.W. along Sierra Hwy To Solemint Canyon Rd. W. on Solemint Canyon Rd. To Bouquet Canyon Rd. S. on Bouquet Canyon Rd. To Saugus.

A.C. Guizado	G.E. Dieler	C.K. Lind	F.E. Brooks
R.D. Smith	J.A. Moody	D. LeGault	S.M. Maldonado
R. Myers	J. Lybrand	D.L. Wilks	E. Martinez
R.D. Glidden	C. Valdez	A. Caro	G.R. Esquer
N. Smith	A. Workman		

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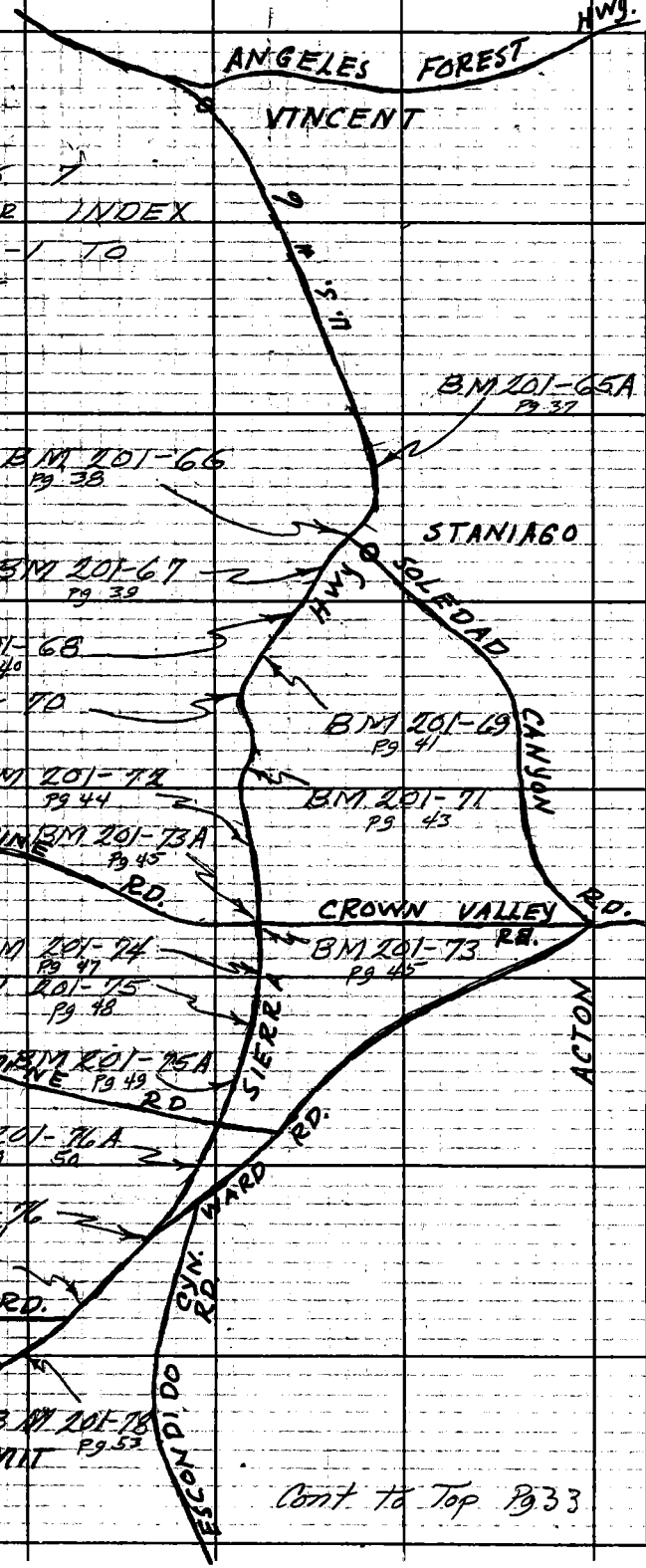
F. B. 2846 Pg. 32

Note
SEE PAGES 7
TO 30 FOR INDEX
OF BM 201-1 TO
BM 201-65



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Surveyed by Brooks - Dryer - Guzado - Lind
Notes F.E.B. I.G.E.P. Date Nov 61
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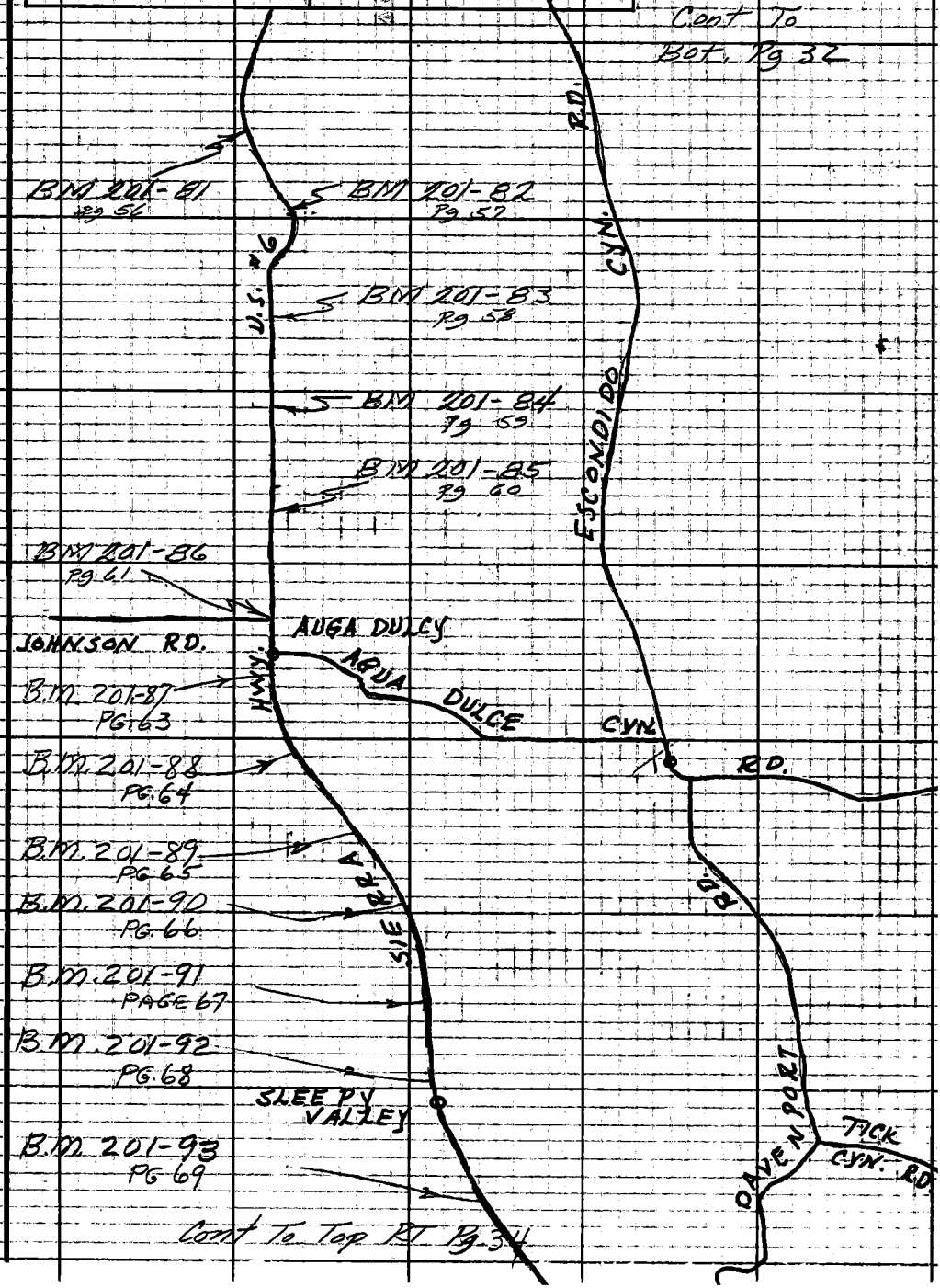
F. B. 2846 Pg. 33

Cont To Bot. Pg 32



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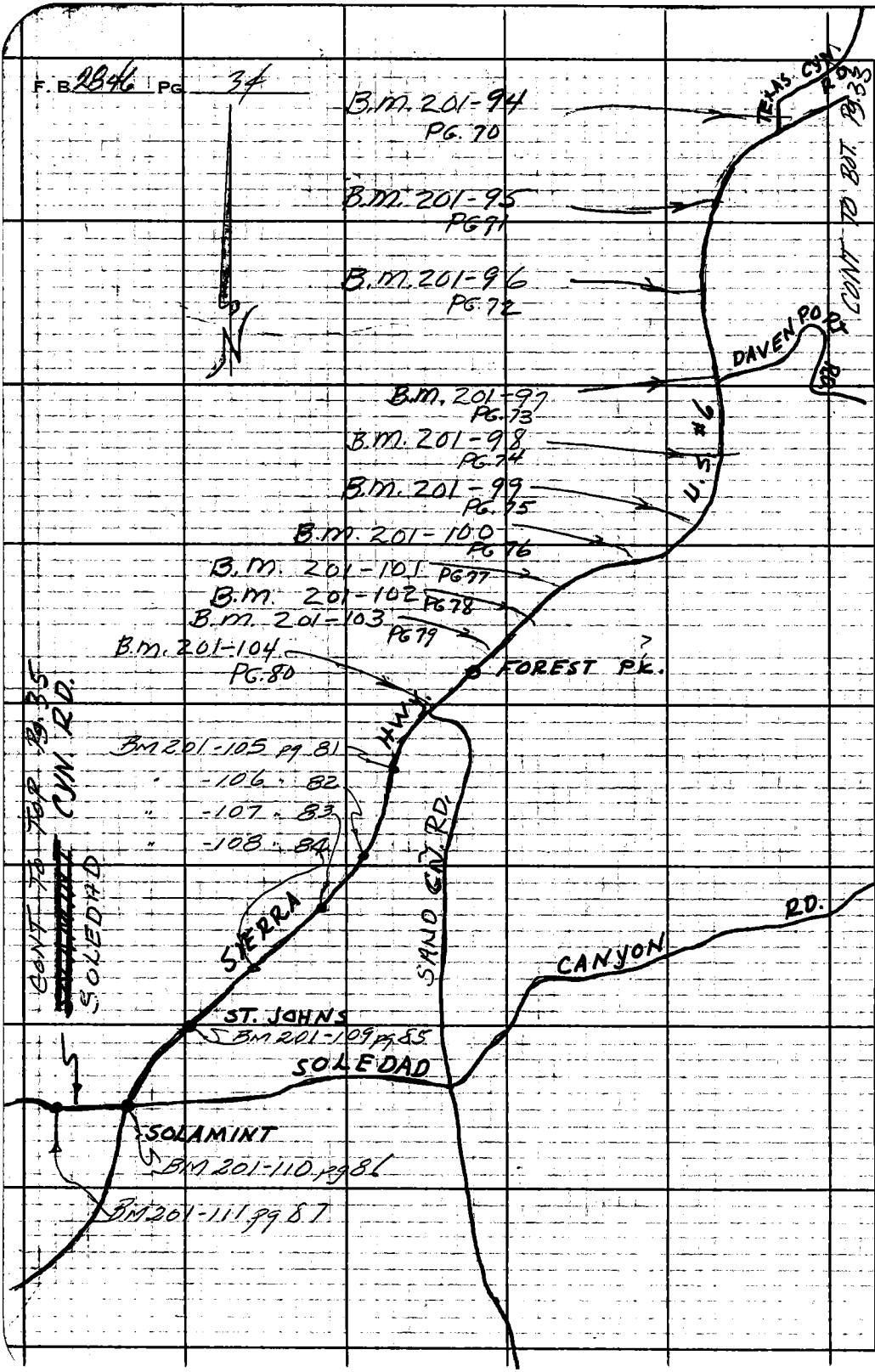

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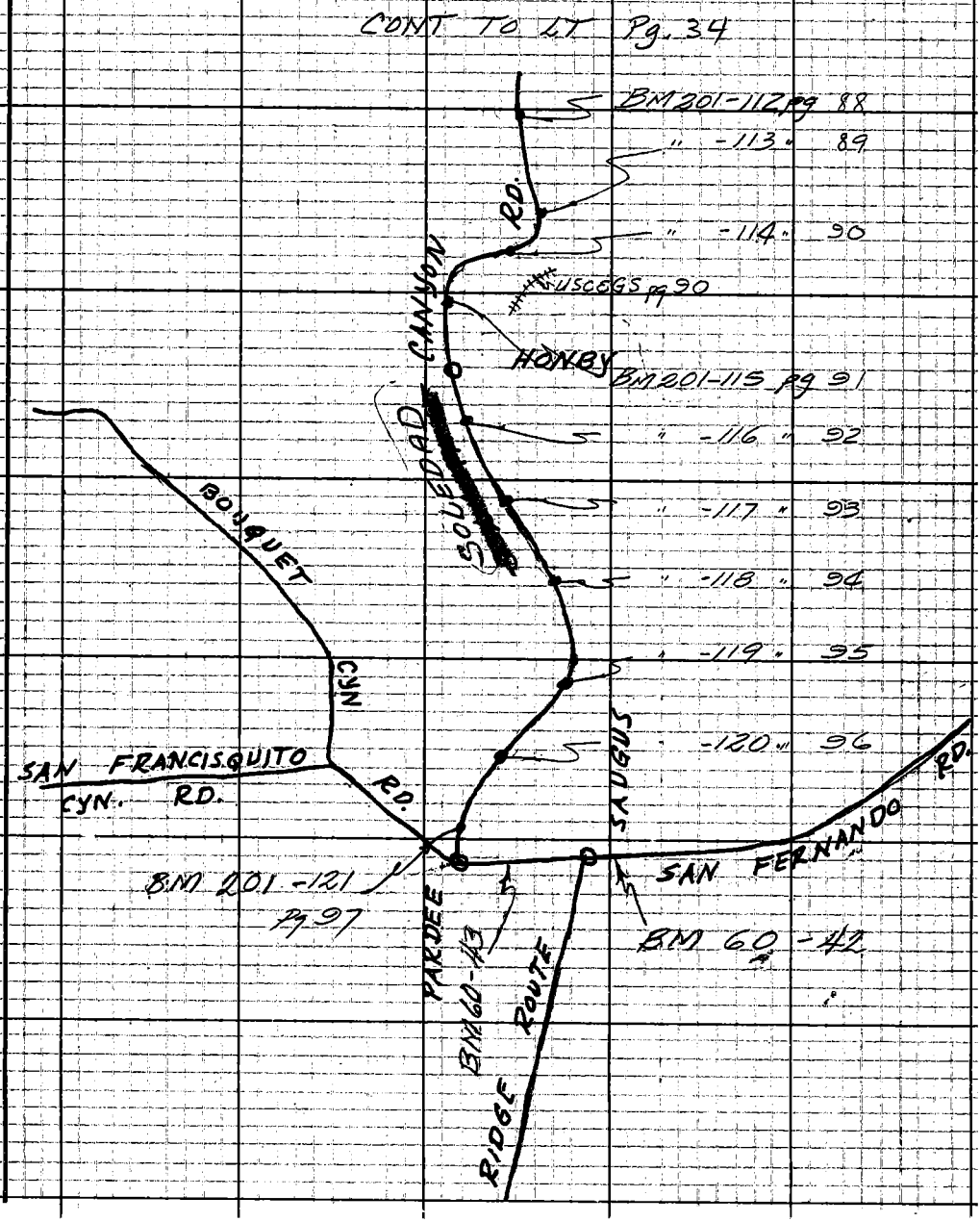
Date	Indexed H. E. OTT	



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763098 CE #247 7-59

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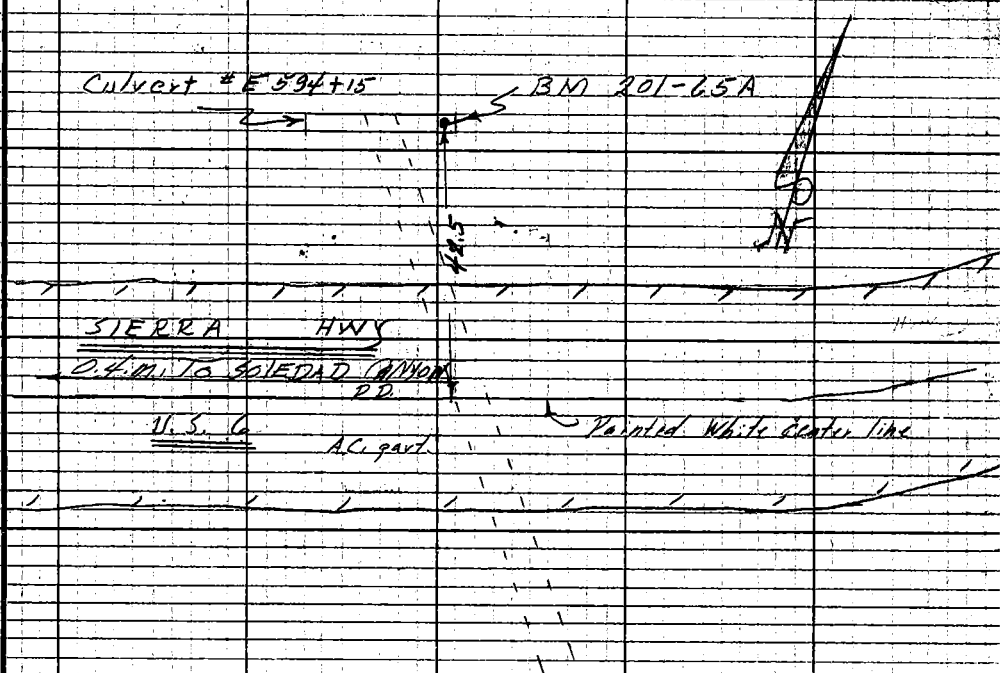
Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 28 pg. 37
Map No.	JN 0301.02 Tape Std OF	
Office Work	Surveyed by P. E. Brooks	
Checked	Notes P. E. Brooks Date Nov. 61	
Date	Indexed H. E. OTT	

BM 201-65 A

This mark is on Sierra Hwy (U.S. #6) 0.4 mi E. of SOLEDAD CANYON RD. The mark is 42.5 ft N.W. of the painted white center line of Sierra Hwy. in the E end of the N headwall of Culvert #E594+15. The mark is a L.A. Co. Engr. Button Brass Cap cemented into the top of the headwall and is stamped "BM 201-65 A RE 58.9 1961"

B.M. not Fd, 6/13/68 RCB



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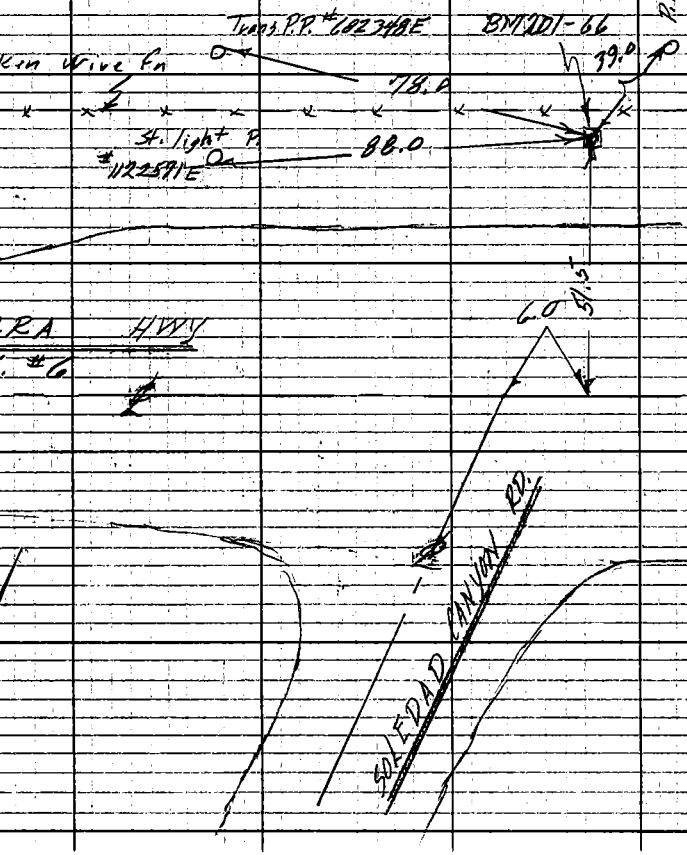
76F309S CE #247 3-57

F.B. 2846 Pg. 38

BM 201-66

This mark is on Sierra Hwy at Soledad Canyon Rd. The mark is 6.0 ft E. and 51.5 ft. N.W. of the ℄ inter. of Sierra Hwy and Soledad Canyon Rd., 39.0 ft S.W. of P.P. #1122572E, 78.0 ft S.E. of Trans. P.P. #682348E and 88.0 ft N.E. of St. light pole #1122571E. The mark is a L.A. Co. Engr. Button Brass Cap set in a 12"X12" Conc post 6" high and stamped BM 201-66 RE 6869 1961

Note: BM probably destroyed by Rd. Const. 6-13-66 JMM



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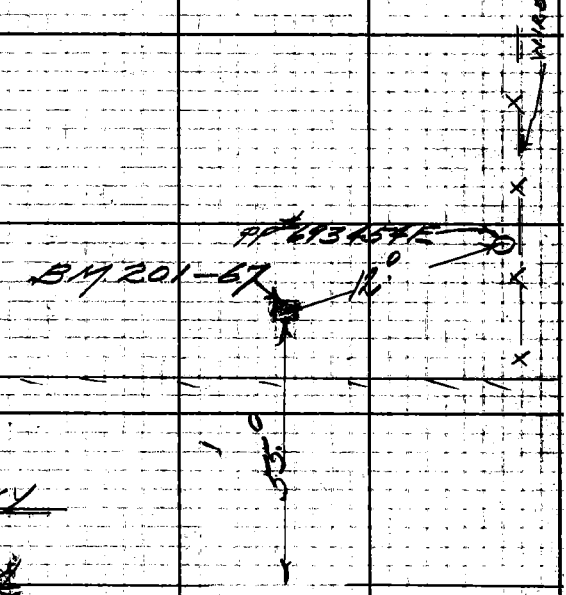
Office Work	Surveyed by E. E. Brooks
Checked	Notes L. Gault Date Nov-61
Date	Indexed H. E. OTT

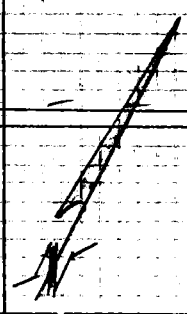
F. B. 2846 PG. 39

BM 201-67

THIS BM IS 55° N. of ℄ of SIERRA HWY. APP 130' N.W. of L.A. Co FIRE DEPT VINCENT FIRE STATION No 80 55° N. of ℄ SIERRA HWY; 12° N.W. of PP# 693454E THIS MARK IS A L.A. CO. ENG. BUTTON BRASS CAP, SET IN A 12"X12" CONC POST 6" high AND STAMPED BM 201-67 RE 5869-1961



SIERRA HWY
U.S. #6



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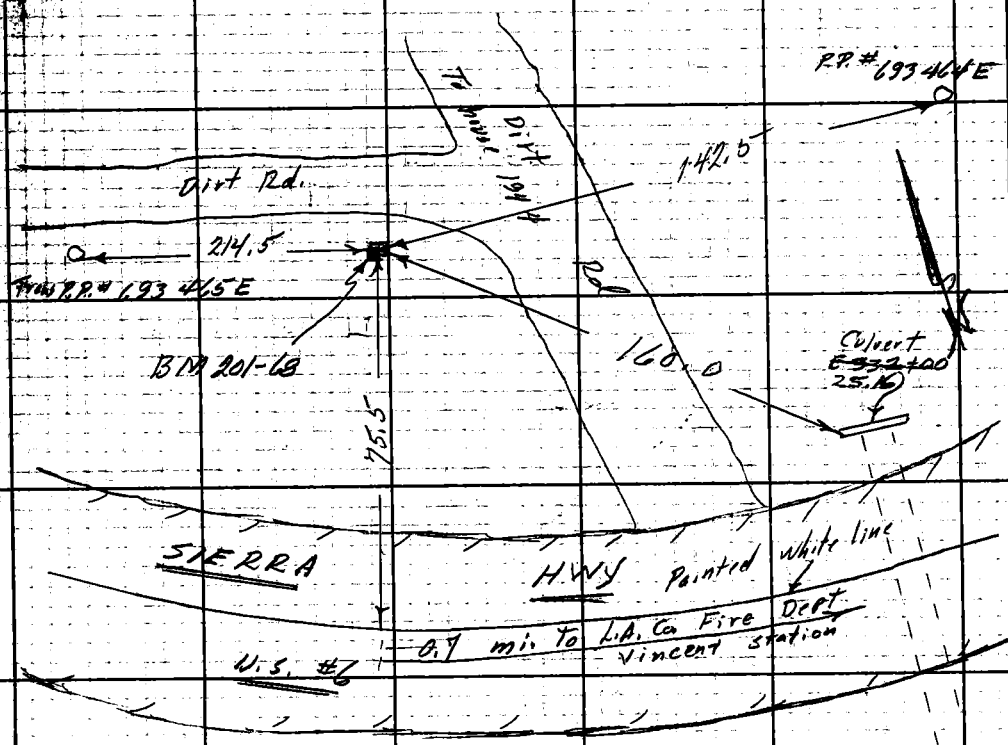
76F309S S&E #247 11-58

F. B. 2846 PG. 40

BM 201-68

This mark is on Sierra Hwy (U.S. #6) 0.7 mi. W. of L.A. Co. Fire Dept. VINCENT STATION. The mark is 75.5 ft. N. of the center of Sierra Hwy, 160.0 ft N.W. of the N.W. Cor. of Culvert # ~~E 332+00~~ 25.16, 142.5 ft. S.W. of P.P. # 693 46.4 E, and 214.5 ft. E. of Trans. P. # 693 46.5 E. The mark is a L.A. Co. Engr. Bronze Brass Cap set in a 12"x12" Conc post 6" high and stamped BM 201-68 RE 5869 1961.



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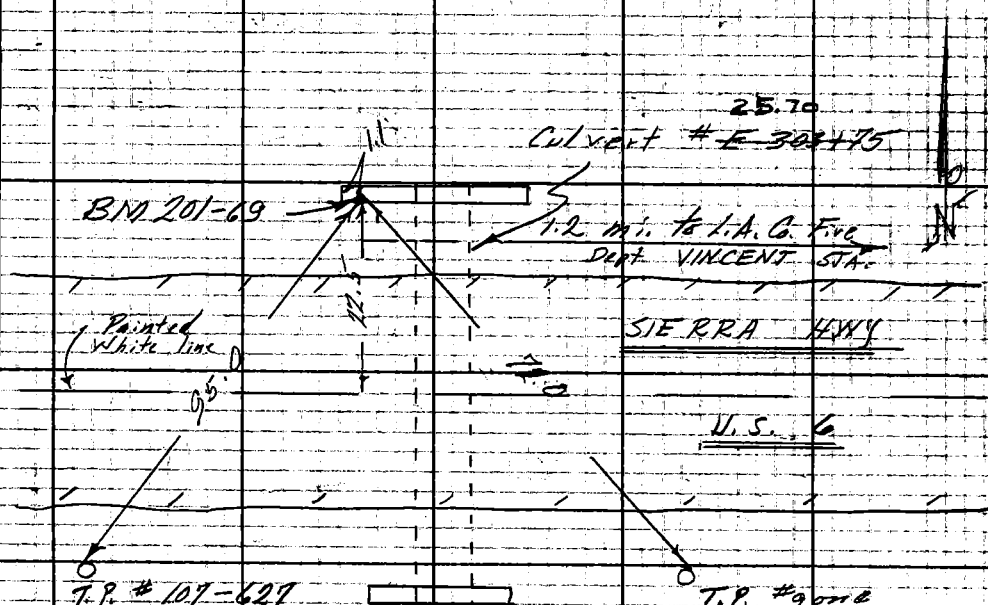
Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	Job 230102 Tape Std °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date Nov 61
Date	Indexed H. E. OTT

F. B. 2846 Pg. 4

BM 201-69

This mark is on SIERRA HWY at culvert # E 303+75, 1.2 mi. W. of L.A. Co. Fire Dept VINCENT STATION. The mark is 22.5 ft. N. of the painted white line of Sierra Hwy, and 1.1 ft E. of the W end of Culvert # E 303+75 25.70 95.0 ft N.E. at Tele. P. # 107-627 and 72.0 ft. N.W. of T.P. # gone. The mark is a L.A. Co. Engr. Button Brass Cap cemented into the top of the culvert and is stamped BM 201-69 RiE. 5869 1961.



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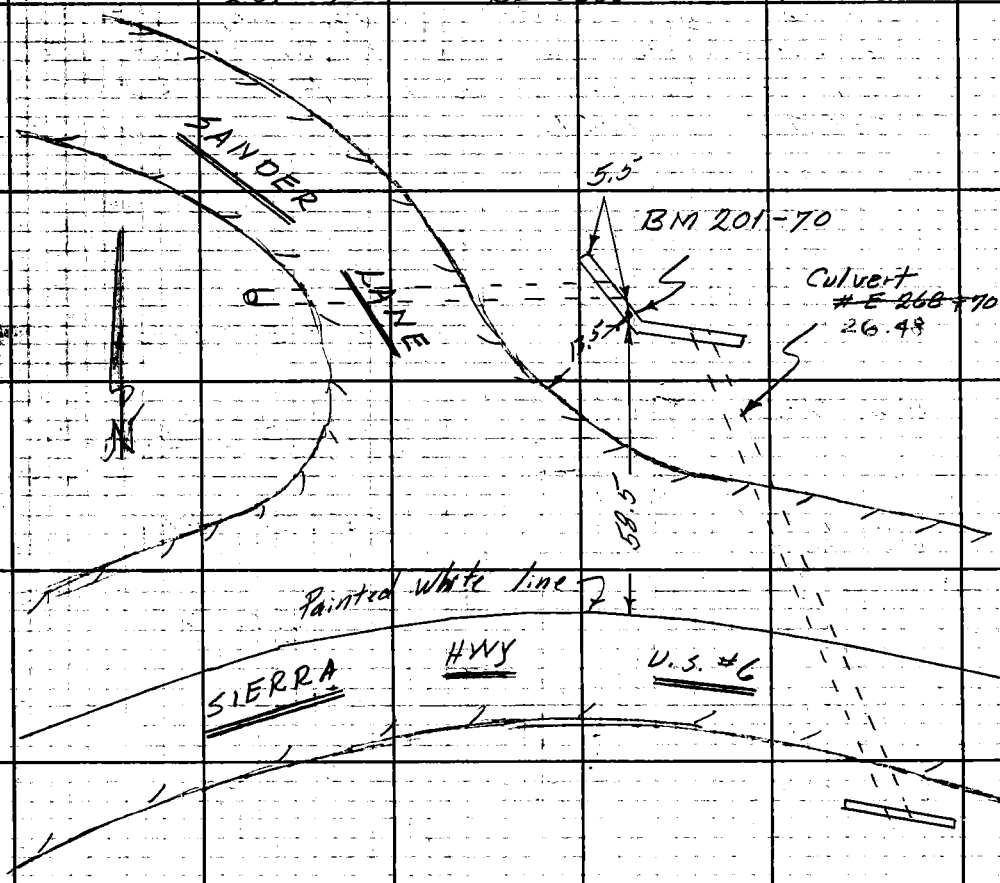
76F3095 S&E #247 11-58

F. B. ~~2846~~ PG. 42

BM 201-70

This mark is on SIERRA HWY. (U.S. #6) at SANDER LANE. 1.8 mi. W. of L.A. Co. Fire Dept. VINCENT STATION. The mark is 58.5 N of the painted white double line of Sierra Hwy. and 13.5 ft. N.E. of the N.E. edge of SANDERS LANE. The mark is a L.A. Co. Engr. Button Brass Cap cemented in to the N.W. wall of Culvert #E ~~268+70~~ 26.48 5.5 ft. S.E. of the N.W. end of the wall. The mark is stamped BM 201-70 RE 5969 1961



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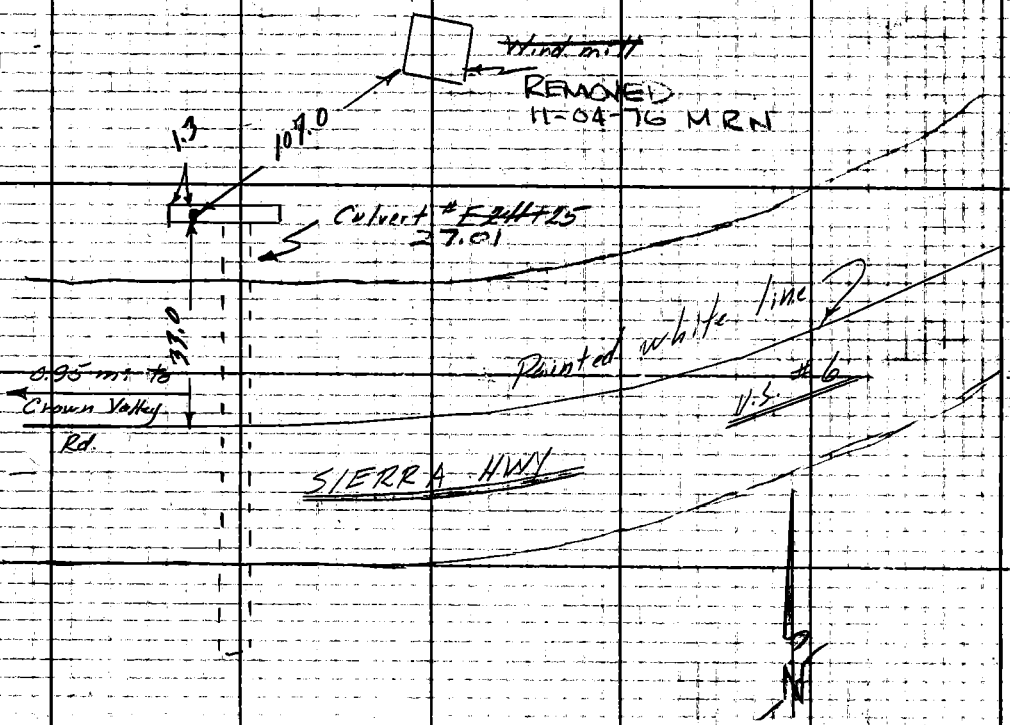
Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2846 PG. 43
Map No.	JN 0301.02 Tape Std. °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F.E.B. Le Gault Date Nov 61	
Date	Indexed H. E. OTT	

BM 201-71

This mark is on SIERRA HWY at Culvert # ~~E 241+25~~ 27.01, 0.95 E. of Crown Valley Rd. The mark is 33.0 ft. N. of the painted white double line of SIERRA HWY, and it is 107.0 ft. S.W. of the S.W. Cor. of a wind mill. The mark is a L.A.Co. Engr. Button Brass Cap. Cemented into the top of the culvert headwall 1.3 ft E. of the W. end, and is stamped BM 201-71 RE 5869 1961



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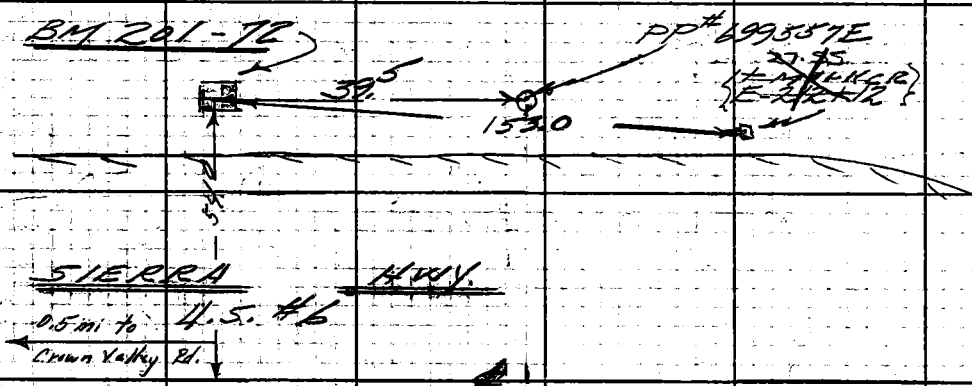
76F309S S&E #247 11-58

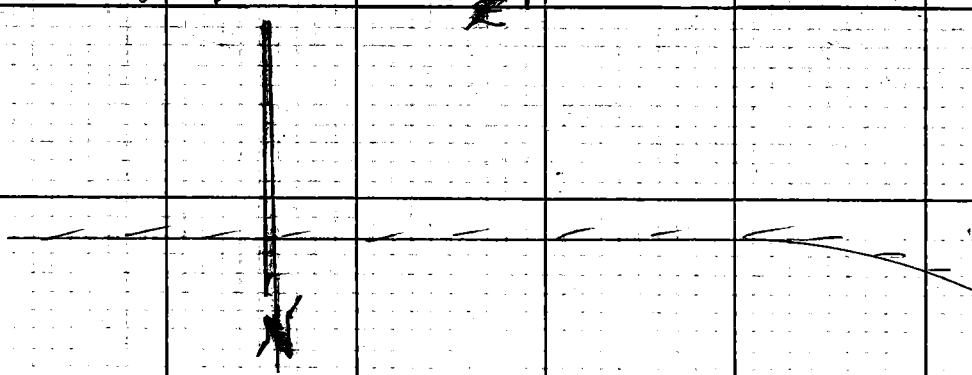
F. B. 2846 PG. 44

BM 201-72

This mark is on Sierra Hwy (U.S. #6) 0.5 mi E. of CROWN VALLEY RD. The mark is 54.0 ft N. of the center of Sierra Hwy. ft. W. of P.P. # 699557 E, ~~and 0 ft. N.W. of Hwy marker~~ 27.55 ~~212+12~~. The mark is a L.A. Co. Engr. Button Brass Cap set in a 12"X12" Conc. post 6" high and is stamped BM 201-72 RE 5869 1961.

* B.M. IS ABOVE ROAD LEVEL, TOP CUT BANK.
11-04-76 M.E.N.





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Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2846 PG. 45
Map No.	J.N. 070107 Tape Std °F	
Office Work	Surveyed by R. E. Brooks	
Checked	Notes R. E. Brooks Date Nov 61	
Date	Indexed H. E. OTT	

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76F309S S&E #247 11-58

BM 201-73

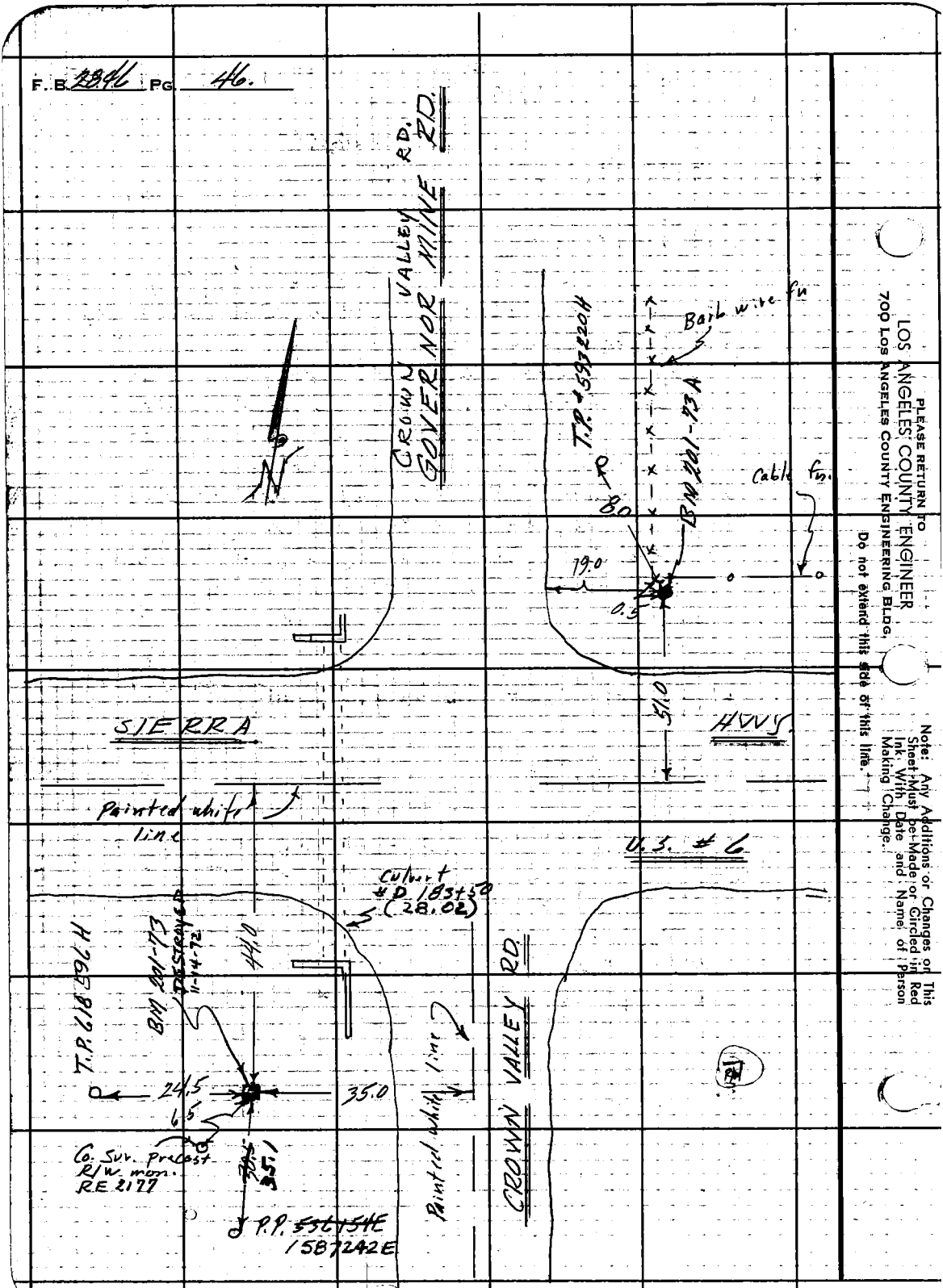
This mark is on SIERRA HWY (U.S. #6) at CROWN VALLEY RD. ~~GOVERNOR MINE RD.~~ The mark is 44.0 ft S. of the painted white line of SIERRA HWY and 35.0 ft. W. of the painted white line of CROWN VALLEY RD. 6.5 ft. N.E. of a L.A. Co. Sur. precast R.W. mon flush stamped RE 2177 R/W, 24.5 ft. E. of T.P. #618596 H, and ~~30.5 ft~~ 35.1 N.E. of P.P. ~~#538154E~~ 158,7242 E. The mark is a L.A. Co. Engr. Button Brass Cap set in a 12" X 12" cone post 6" high and stamped BM 201-73 RE 6869 1961

Set 2" marker pipe 2.0 ft North 6/11/68 KCB
FOUND DESTROYED 11-14-72 G.E. DREIER

BM 201-73A

This mark is on SIERRA HWY (U.S. #6) at CROWN VALLEY RD - ~~GOVERNOR MINE RD.~~ The mark is 51.0 ft N. of the painted white line of SIERRA HWY and 19.0 ft. E. of the E edge of GOVERNOR MINE RD. 0.5 ft. S.E. of a fn. cor. and 8.0 ft. S.E. of T.P. #593220 H. The mark is a L.A. Co. ~~Engr.~~ Surveyor precast mon. flush with the ground, and is stamped R.E. 2177 R/W

F. B. 2841 PG. 46.



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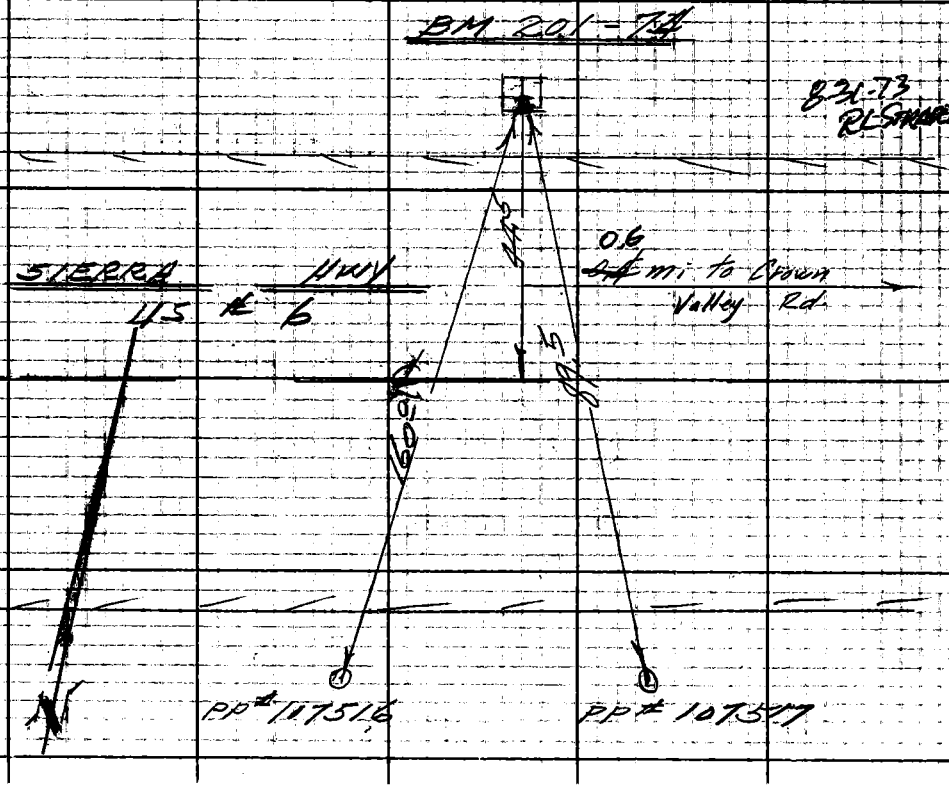
Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2846 PG. 47
Map No.	JN 030102 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F.E.B. L. Gault Date Nov 61	
Date	Indexed H. E. OTT	

BM 201-74

This mark is on SIERRA HWY (U.S. #6) ~~0.4~~ 0.6 MI. mi. W. of CROWN VALLEY RD. The mark is 44.5 ft. N. of the painted white line of Sierra Hwy. 89.5 ft. N.W. of P.P. # 107517 and 160.0 ft N.E. of P.P. # 107516. The mark is a L.A. Co. Engr. Button Brass Cap set in a 12" X 12" conc post 6" high and is stamped BM 201-74 RE 5869 1961



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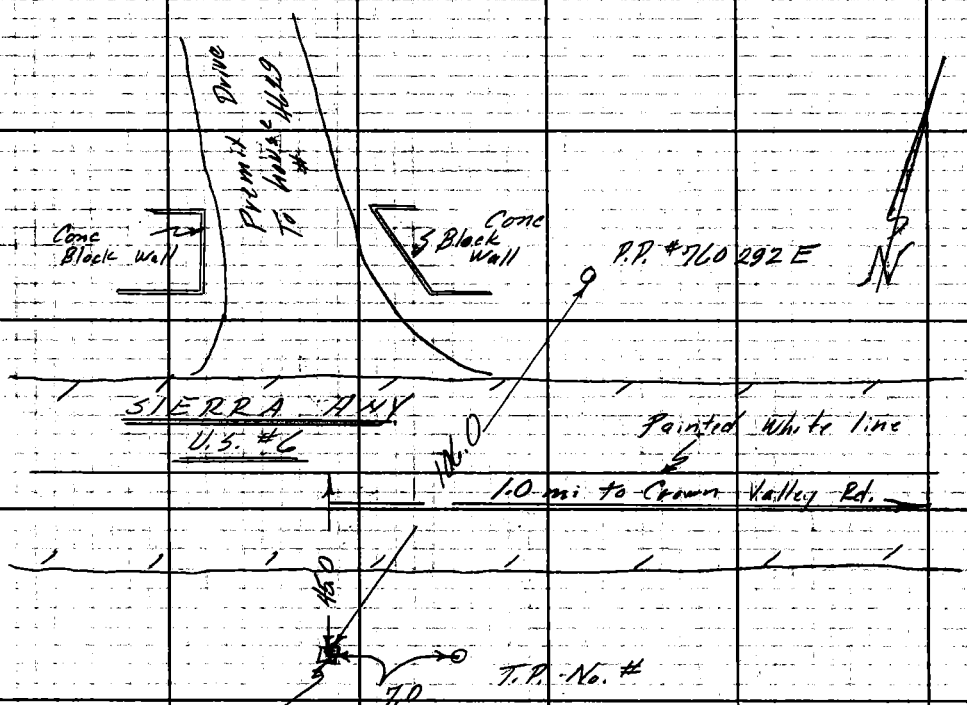
76F309S S&E #247 11-58

F. B. 2846 PG. 48

BM 201-75

This mark is on SIERRA HWY (U.S. #6) 1.0 mi W of CROWN VALLEY RD. at house # 4629. The mark is 45.0 ft. S. of the painted white line of Sierra Hwy. 7.0 ft. W. of T.P. # gone, and 106.0 ft. P.P. # 760292 E. The mark is a L.A. Co. Engr. Button Brass Cap set in a 12" X 12" conc. post 6" high and is stamped BM 201-75 RE 5869 1961



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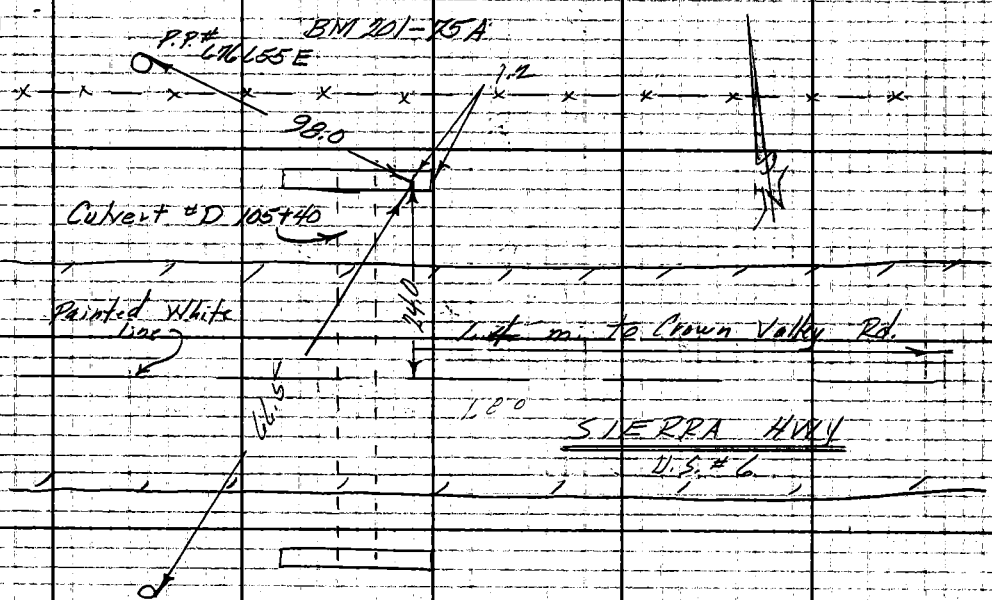
Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date Nov 61
Date	Indexed H. E. OTT

F. B. 2846 PG. 49

BM 201-75 A

This mark is on SIERRA HWY (U.S. #6) 1.4 mi. W. of CROWN VALLEY RD. at culvert # D 105+40 (29.59). The mark is 240 ft. N. of the painted white line of Sierra Hwy. 66.5 ft. N.E. of T.P. # 107-492 and 98.0 ft. S.E. of P.P. # 676655E. The mark is a L.A. Co. Engr. Button Brass Cap cemented into the top of the N. head wall of Culvert # D 105+40 (29.59) 1.2 ft. W. of the E. end of the wall. The mark is stamped BM 201-75A RE 5869 1961



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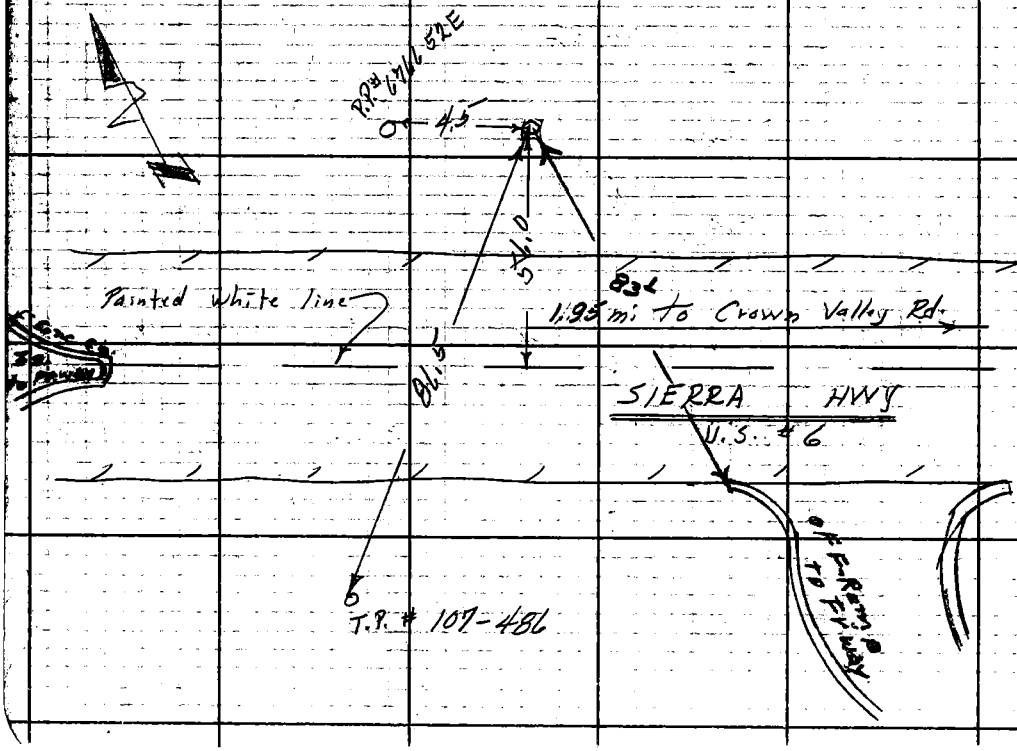
76F309S S&E #247 11-58

F. B. 2846 PG 50

BM 201-16A

This mark is on SIERRA HWY (U.S. #6) 1.95 mi W of CROWN VALLEY RD. The mark is 56.0 ft N. of the painted white line of Sierra Hwy, 4.5 ft E. of P.P.# 676 652 E. and 86.5 ft N.E. of T.P.# 107-486. The mark is a L.A. Co. Engr. Precast mon. 6" high, and is stamped BM M.S.-16 RE 5869

Note: New tie, 83.1' N.W. of the W. End Ch. Rct. in NW Cor of the off-Ramp of Rt 14 Freeway 6-11-68 J.M.M.



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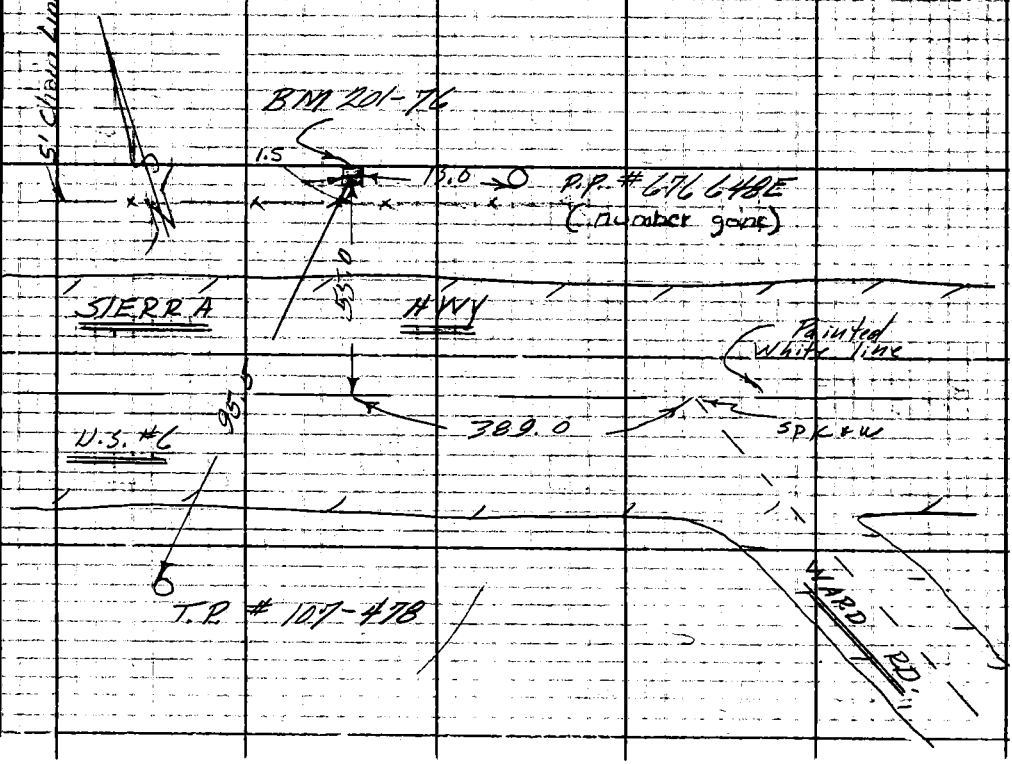
Map No.	JN 0301.22 Tape Std °F.	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date Nov 61	
Date	Indexed H. E. OTT	

BM 201-76

This mark is on SIERRA HWY (U.S. #6) 389 ft. W. of Ward Rd. The mark is 55.0 ft. N. of the painted white line of Sierra Hwy 13.0 ft W. of P.P. # 676 648E and 95.5 ft N.E. of T.P. # 107-478. The mark is a L.A.Co. Engr. Button Brass Cap set in a 12" X 12" conc. post 6" high and is stamped BM 201-76 RE 6869 1961

1.5 ft. North of a 5' Chain Link fence 5/13/68 RCB
WARD RD. NO LONGER EXISTS 10/26/76 MRJ



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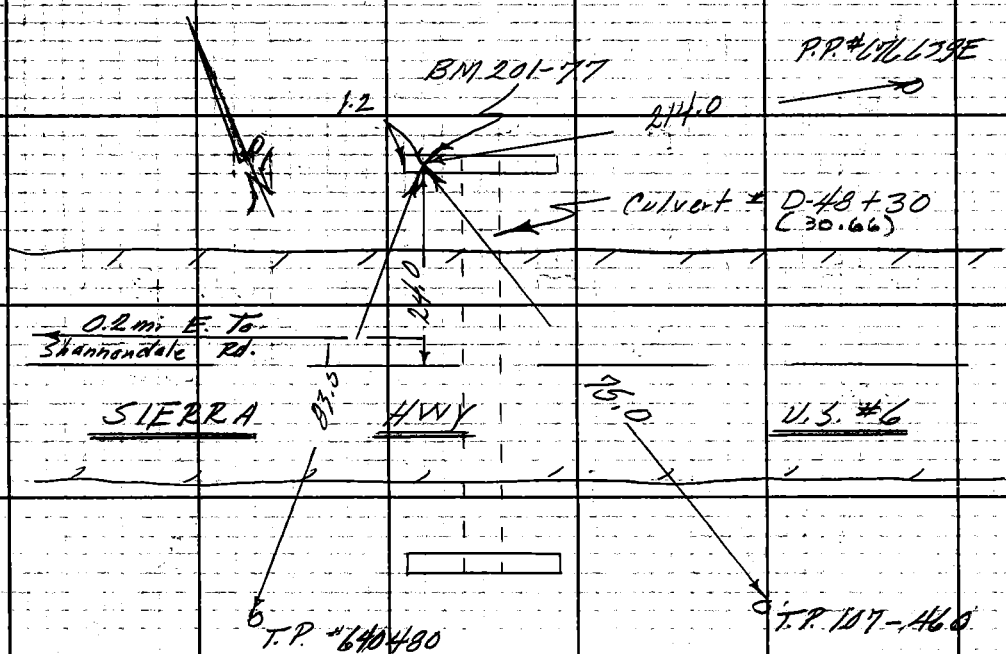
76F309S S&E #247 11-58

F. B. 1846 PG. 52

BM 201-77

This mark is on SIERRA HWY (U.S. #6) at Culvert # D-48+30 (30.66) 0.2 mi. E. of SHANNONDALE RD. The mark is 24.0 ft. N. of the painted white line of Sierra Hwy., 83.5 ft. N.E. of T.P. # 640480, 75.0 ft. N.E. of T.P. 107-460, and 214.0 ft. S.W. of P.P. # 676639E. The mark is a L.A. Co. Engr. Button Brass Cap cemented into the top of the culvert head wall 1.2 ft. E. of the W. end and is stamped BM 201-77 RE 5869 1961



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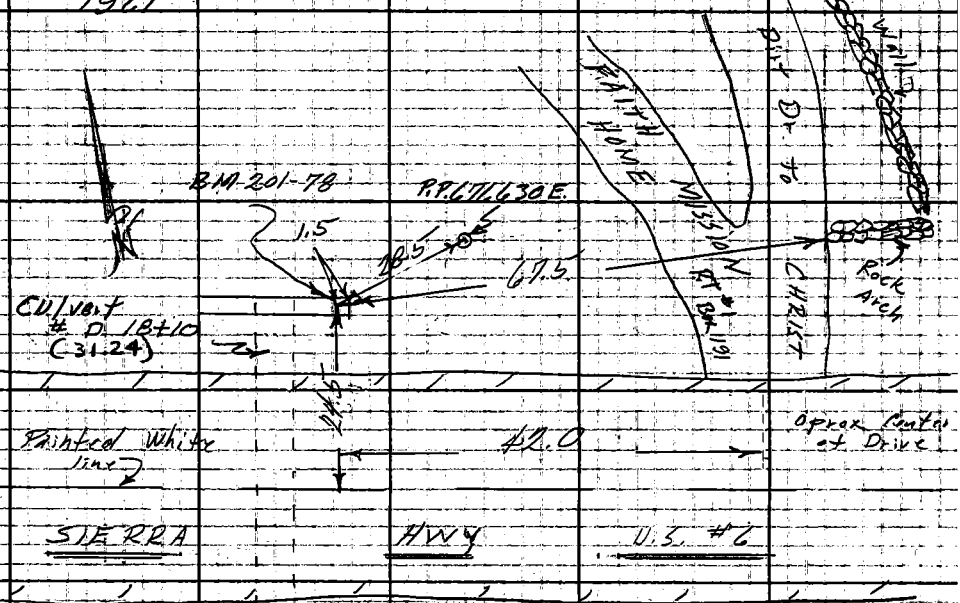
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date Nov 61
Date	Indexed H. E. OTT

F. B. 2846 PG. 53

BM 201-78

This mark is on SIERRA HWY (U.S. #6) at Culvert # D 18+10 (31.24). The mark is 24.5 ft. N. of the painted white line of Sierra Hwy. 28.5 ft. S.W. of P.P. #676630E, 67.5 ft. S.W. of the S.W. Cor of a Rock Arch, and 42.0 ft. W. of the aprox center of a dirt drive to the CHRIST FAITH MISSION HOME. The mark is a L.A. Co. Eng. Button Brass Cap cemented into the to of Culvert headwall 1.5 ft. W. of E end, and is stamped BM 201-78 RE 5869 1961



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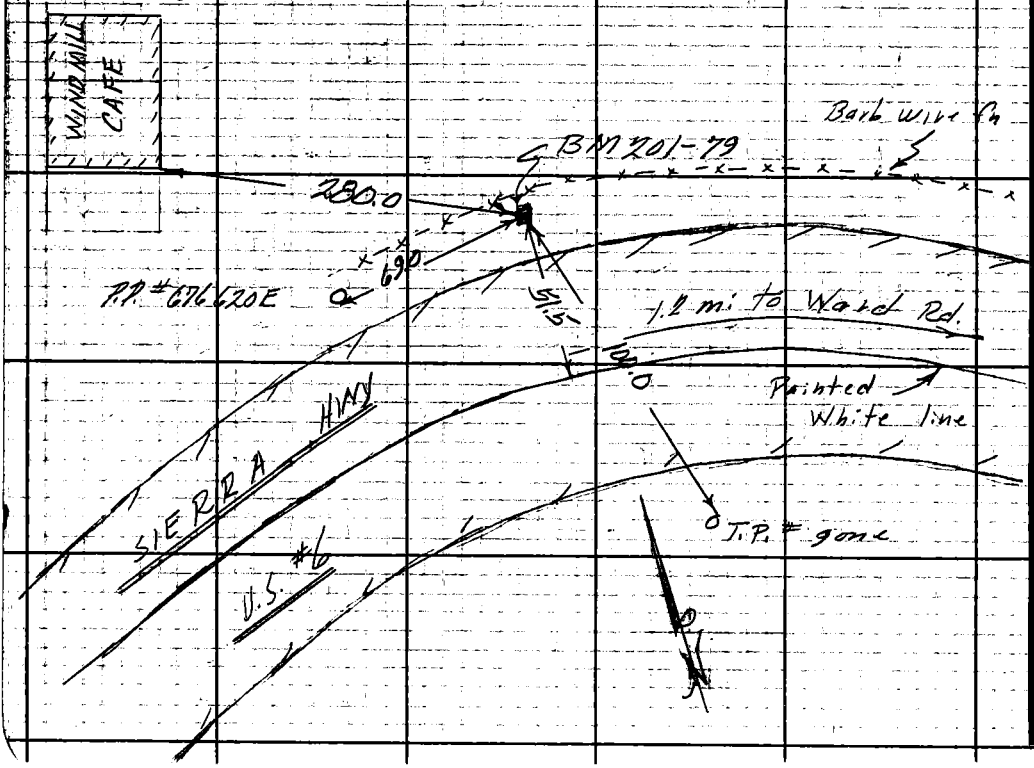
76F309S S&E #247 11-58

F. B. 2846 PG. 54

BM 201-79

This mark is on SIERRA HWY. (U.S. #6) 1.2 mi. N. of WARD RD. The mark is 51.5 ft. N. of the painted White line of Sierra Hwy, 100.0 ft. N.W. of T.P. # gone, 69.0 ft. E. of P.P. # 676 620E. and 280.0 ft. S.E. of the S.E. Cor. of the WIND MILL CAFE. The mark is a L.A. Co. Engr. Button Brass Cap set in a 12" X 12" conc post 6" high and stamped BM 201-79 RE 6869 1961



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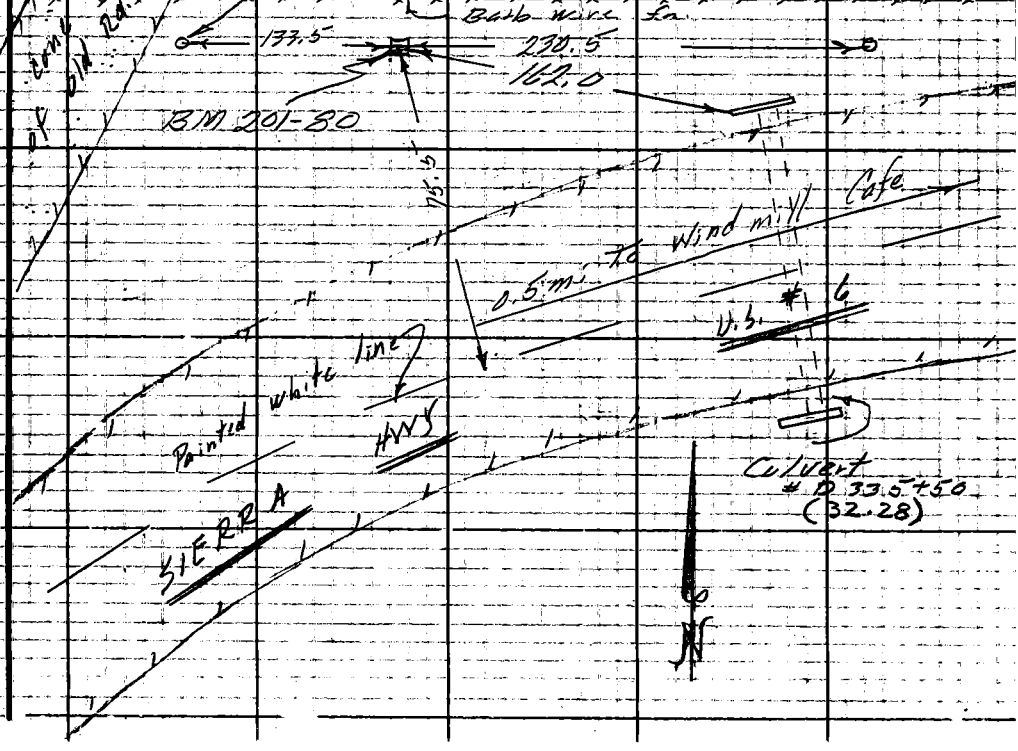
Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2846	PG. 55
Map No.	JN 0301.01 Tape Std °F		
Office Work	Surveyed by E. E. Brooks		
Checked	Notes F. E. Brooks Date Dec 61		
Date	Indexed H. F. OTT		

BM 201-80

This mark is on SIERRA HWY. (U.S. #6) 0.5 mi W. of the WINDMILL CAFE. The mark is 75.5 ft. N.W. of the painted white line of Sierra Hwy., 133.5 ft. E of P.P. #676610E, 162.0 ft N.W. of the N.W. cor. of the N. head wall of Culvert D 335+50 (32.28), and 230.5 ft W. of P.P. #. The mark is a L.A.Co. Engr. Button Brass Cap set in a 12" X 12" conc. post 6" high and is stamped BM 201-80 R.E 5869 1961



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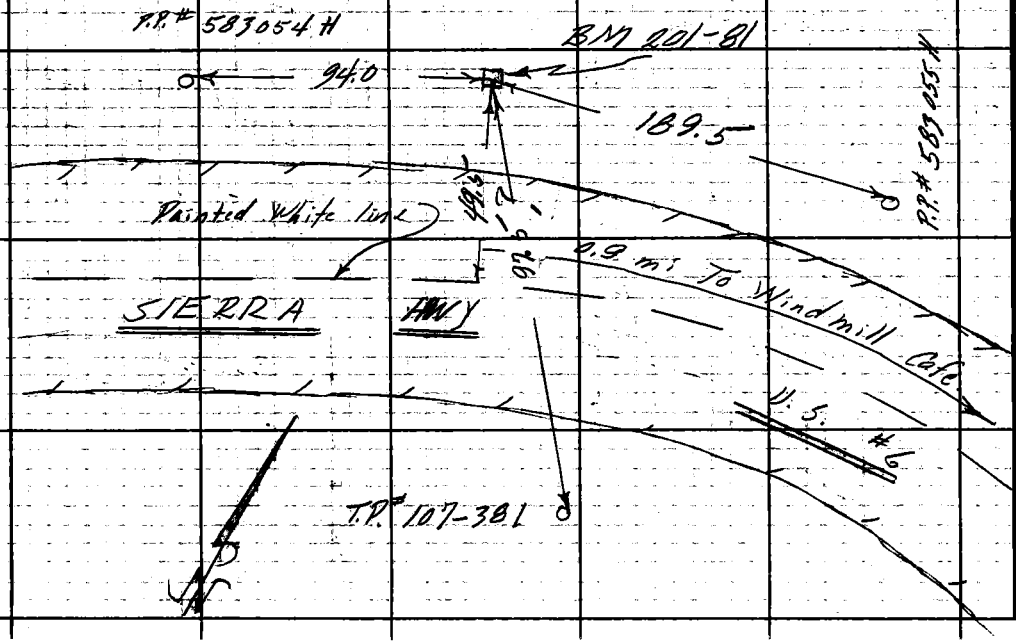
76F3095 S&E #247 11-58

F. B. 2846 PG. 56

73
245

BM. 201-81.

This mark is on SIERRA HWY (U.S. #6) 0.9 mi. W. of the WINDMILL CAFE. The mark is 49.5 ft N.W. of the painted white line of Sierra Hwy., 94.0 ft. S.E. of P.P. # 583054 H, 97.0 ft. N.W. of T.P. 107-381, and 189.5 ft W. of P.P. # 583055 H. The mark is a L.A. Co. Engr. Button Brass Cap set in a 12" X 12" Conc post 6" high and stamped BM 201-81 RE 5869 1961



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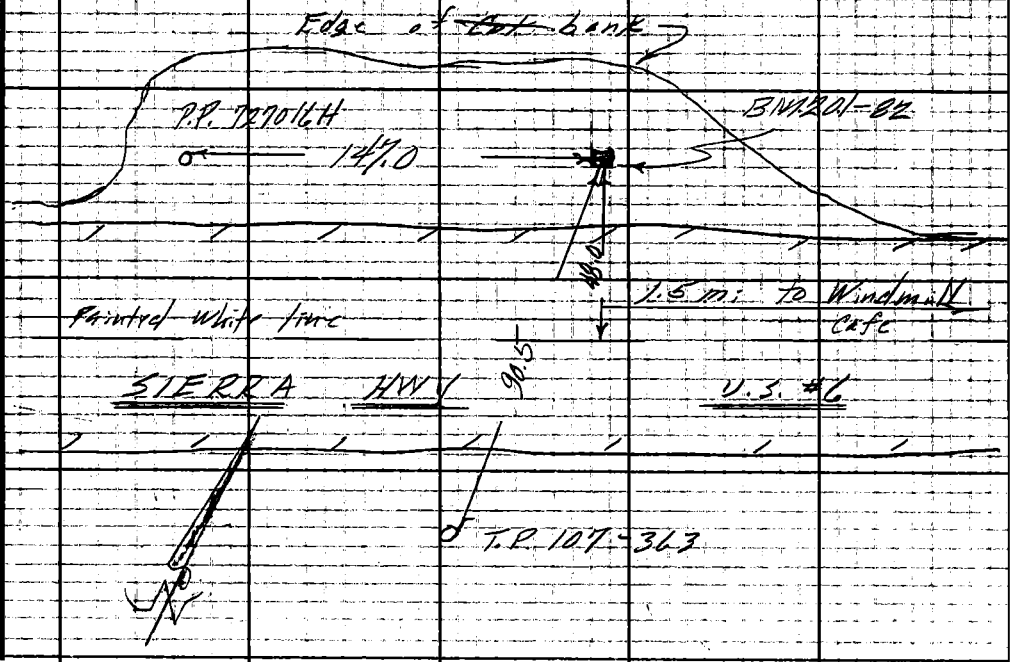
Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2846	PG. 57
Map No.	JN 0301.02 Tape Std °F		
Office Work	Surveyed by F. E. Brooks		
Checked	Notes F. E. Brooks Date Dec 61		
Date	Indexed H. E. OTT		

BM 201-82

This mark is on SIERRA HWY (U.S. #6) 1.5 mi. W. of the WINDMILL CAFE. The mark is 48.0 ft N.W. of the painted white line of Sierra Hwy., 90.5 ft N. of T.P. 107-363 and 147.0 ft S.E. of P.P. # 7270 L.H. The mark is a L.A. Co. Engr. Button Brass Cap set in a 12"X12" conc post 6" high and is stamped BM 201-82
RE 5869 1961



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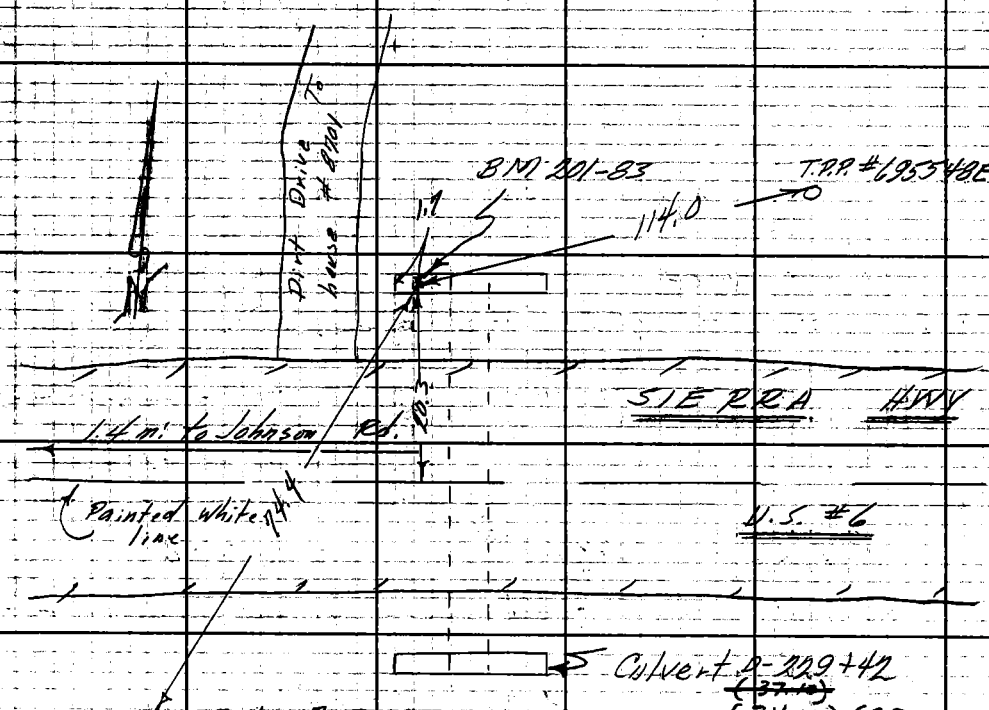
76F309S S&E #247 11-56

F. B. 2846 PG. 58

BM 201-83

This mark is on SIERRA HWY (U.S. #6) 1.4 mi. E. of JOHNSON RD. at Culvert # D-229+42. and near house # 8701. The mark is 20.3 ft. N. of the painted White line of Sierra Hwy, 74.4 ft. N.E. of Tel. P. # 107-329, and 114.0 ft. S.W. of Trans. P.P. # 1955 48E. The mark is a L.A. Co. Engr. Button Brass Cap cemented in to the top of the culvert (34.10) head wall 1.7 ft. E. of the W. end and is stamped BM 201-83 DE 5869 1961

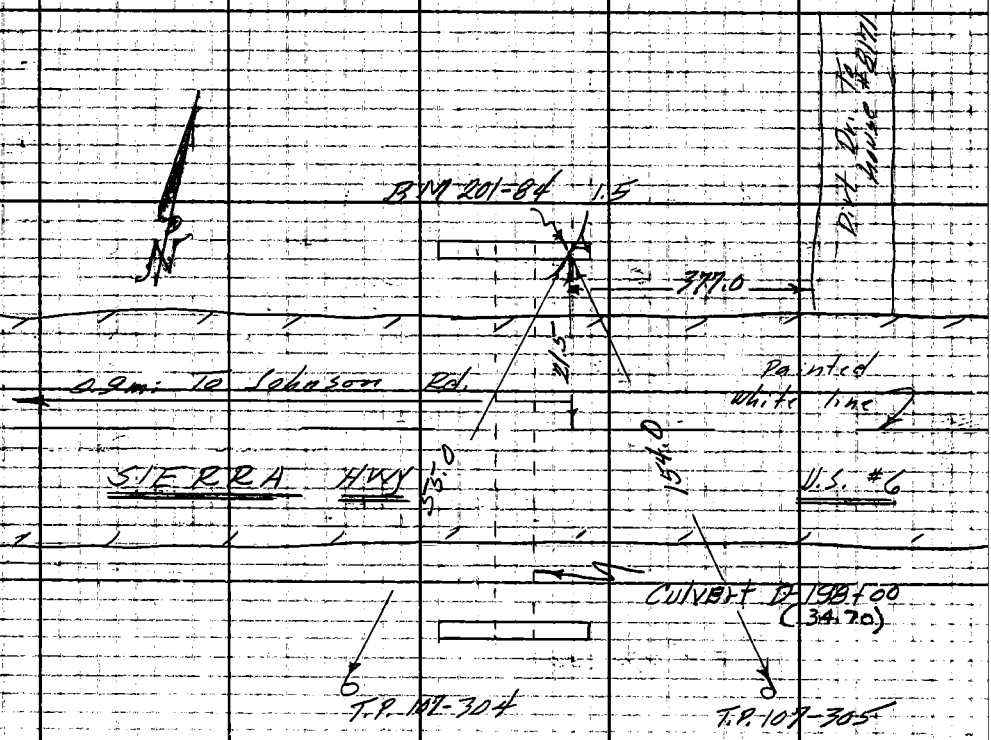


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made on Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2846 PG. 59
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date Dec 61	
Date	Indexed H. E. Ott	

BM 201-84

This mark is on SIERRA HWY (U.S. #6) 0.9 mi E. of JOHNSON RD. at Culvert # 198+00. 377.0 ft. W. at the Dirt drive to house #8171. The mark is 21.5 ft. N. of the painted white line of Sierra Hwy, 55.0 ft. N.E. of T.P. #107-304 and 154.0 ft. N.W. of T.P. #107-305. The mark is a L.A. Co. Engr. Button Brass Cap cemented into the top of the culvert (34.70) headwall 1.5 ft. W. of the E. end and is stamped BM 201-84 RE 5869 1961



Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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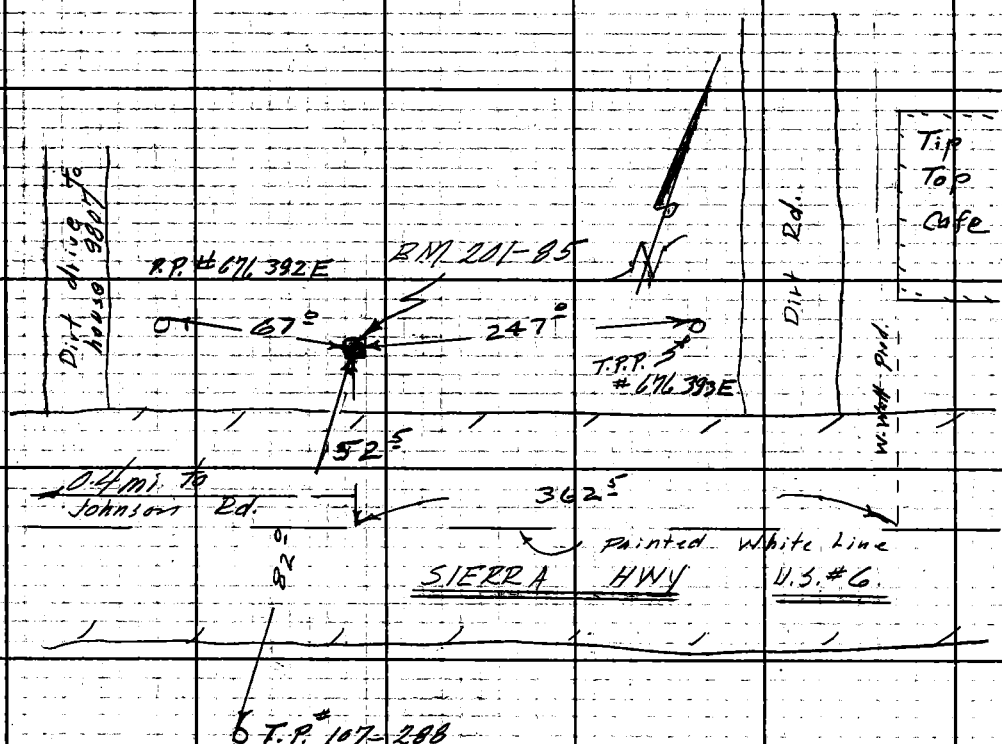
76F309S S&E #247 11-58

F. B. 2946 PG. 60

BM 201-85

This mark is on SIERRA HWY (U.S. #6) 8.5 mi E. of JOHNSON RD. and 362.5 ft W. of the W. wall of the TIP TOP CAFE. The mark is 52.5 ft N.W. of the painted White Line of Sierra Hwy 670 ft E. of P.P. #676392E, 820 ft. N. of T.P. #107-288 and 247.0 ft S.W. of P.P. #676393E. The mark is a L.A. Co. Engr. Button Brass Cap set in a 12"X12" conc post 4" high and stamped BM 201-85 RE 5869 1961



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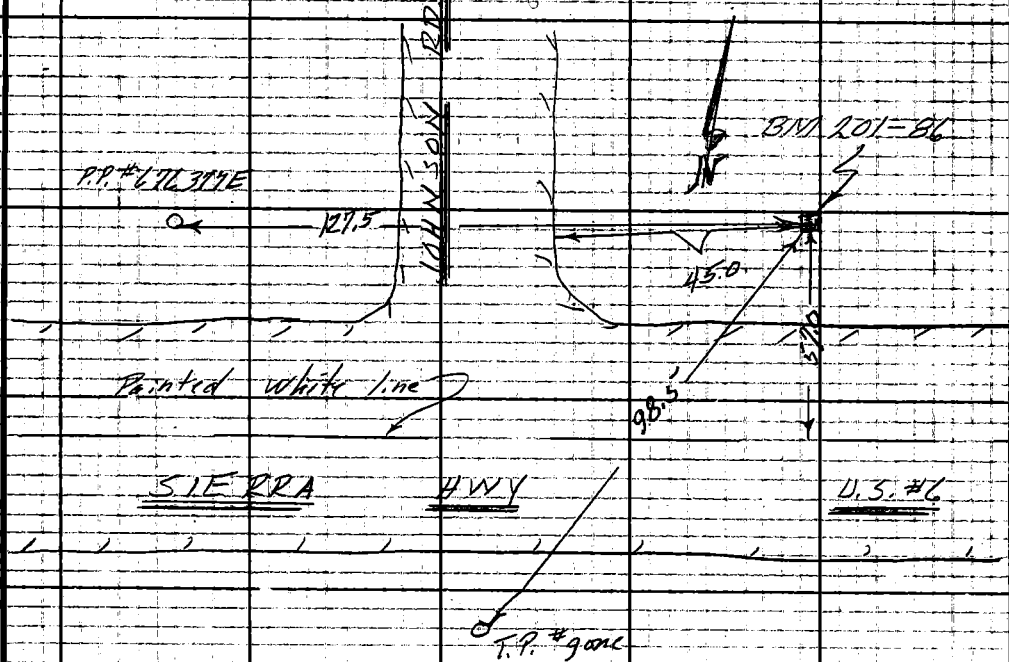
Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0307.02 Tape Std °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date Dec 61
Date	Indexed H. E. OTT

F. B. 284 Pg. 61

BM 201-86

This mark is on SIERRA HWY (U.S. #6) at JOHNSON RD. The mark is 57.0 ft. N. of the painted white line of Sierra Hwy, 45.0 ft E. of the E. edge of Johnson Rd, 98.5 ft N.E. of T.P. #gone and 127.5 ft. E. of P.P. #676377E. The mark is a L.A. Co. Engr. Button Brass cap set in a 12" X 12" Conc Post 6" high and is stamped BM 201-86 RE 6BL9 1961.



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700 LOS ANGELES COUNTY ENGINEERING BLDG.
GOSS SAE #247 11-58

F.B. 2846 PG. 62

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700 Los Angeles County Engineering Bldg.

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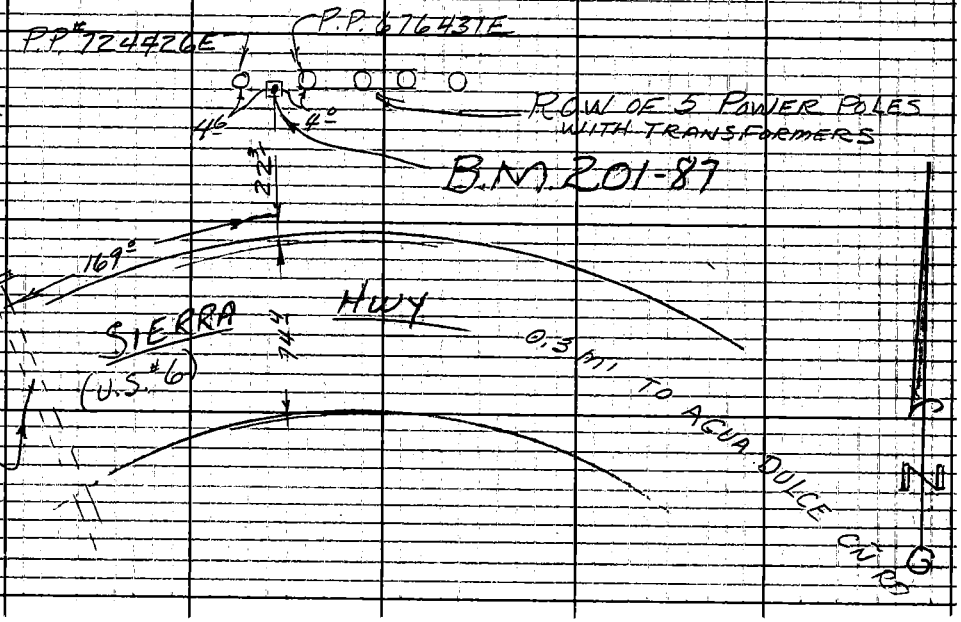
Notes Ck'd by	Survey of LA Co PRECISE LEVEL NET F.B. 2846 PG. 63
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 11-29-61
Date	Indexed H. E. OTT

B.M. 201-87

214

THIS B.M. IS 22.3 FT. N. OF N. EDGE OF ASPHALT GUTTER OF SIERRA HWY, U.S. ROUTE #6, 0.3 MI W'LY FROM AGUA DULCE CANYON ROAD, 169 FT. E'LY FROM CULVERT AT STATE HWY STA D118 + 35 (36.21), 4.6 FT. E'LY FROM THE MOST W'LY OF 3 POWER LINE TRANSFORMER POLES. SET A STD C.E. BRASS CAP & BUTTON B.M. MON. STAMPED "B.M. 201-87 1961 R.E. 5869", UP 4 INCHES.



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RETURN TO
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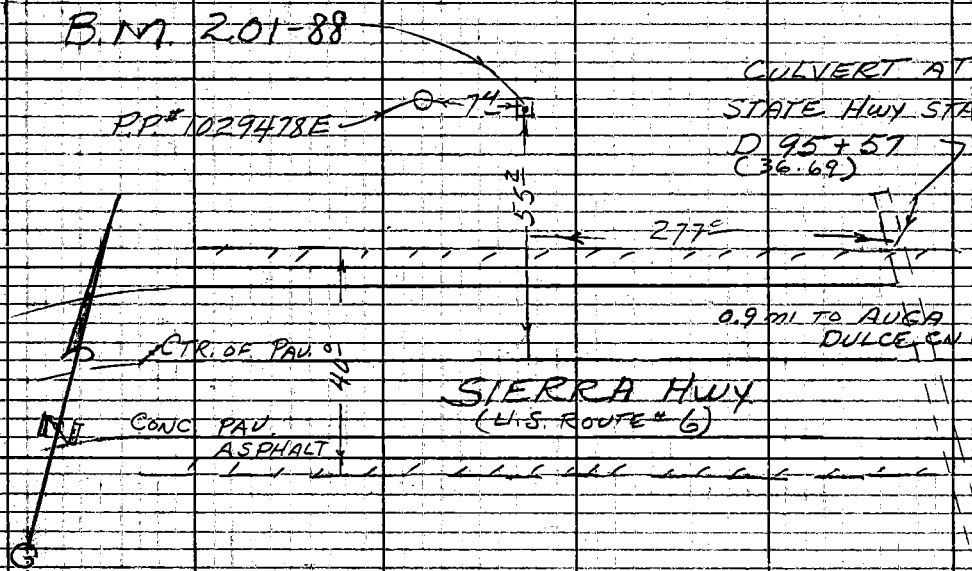
900 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #2417 7-55

F.B. 2846 PG. 64

B.M. 201-88

SIERRA HWY, (U.S. ROUTE 6) 0.9 MI. W. OF AVEA DULCE CN. RD., 55.2 FT. N. OF CENTER OF PAVEMENT, 277 FT. W. OF CULVERT AT STATE HWY STA. D 95+57 (36.69), 1.4 FT. E. OF P.P. # 1029478E, SET A STD C.E. BRASS CAP & BUTTON, STAMPED "B.M. 201-88 1961 R.E. 5869," IN 12" CONC MON UP 5 INCHES



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700 Los Angeles County Engineering Bldg.

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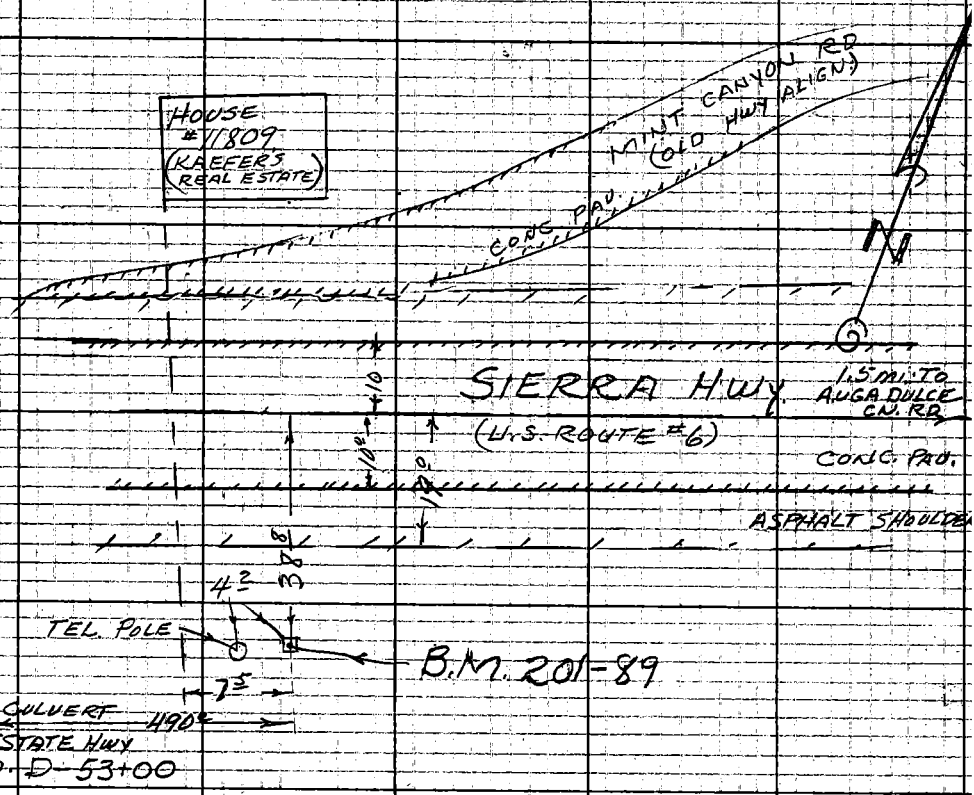
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 11-30-61
Date	Indexed H. E. OTT

F.B. 2846 PG. 65

B.M. 201-89

SIERRA HWY (U.S. #6), 1.55 MI. WEST OF AUGA DULCE CN RD., 490 FT. EAST OF CULVERT AT STATE HWY STA. D-53+00, 38.8 FT. SOUTH OF CENTER OF HWY, OPPOSITE HOUSE #11809, 4.2 FT. EAST OF A L.A. CO. F.D. TEL. POLE. SET A STD. C.E. BRASS CAP & BUTTON STAMPED "B.M. 201-89 1961 R.E. 5869," IN 12" CONC. MON. UP 6 INCHES



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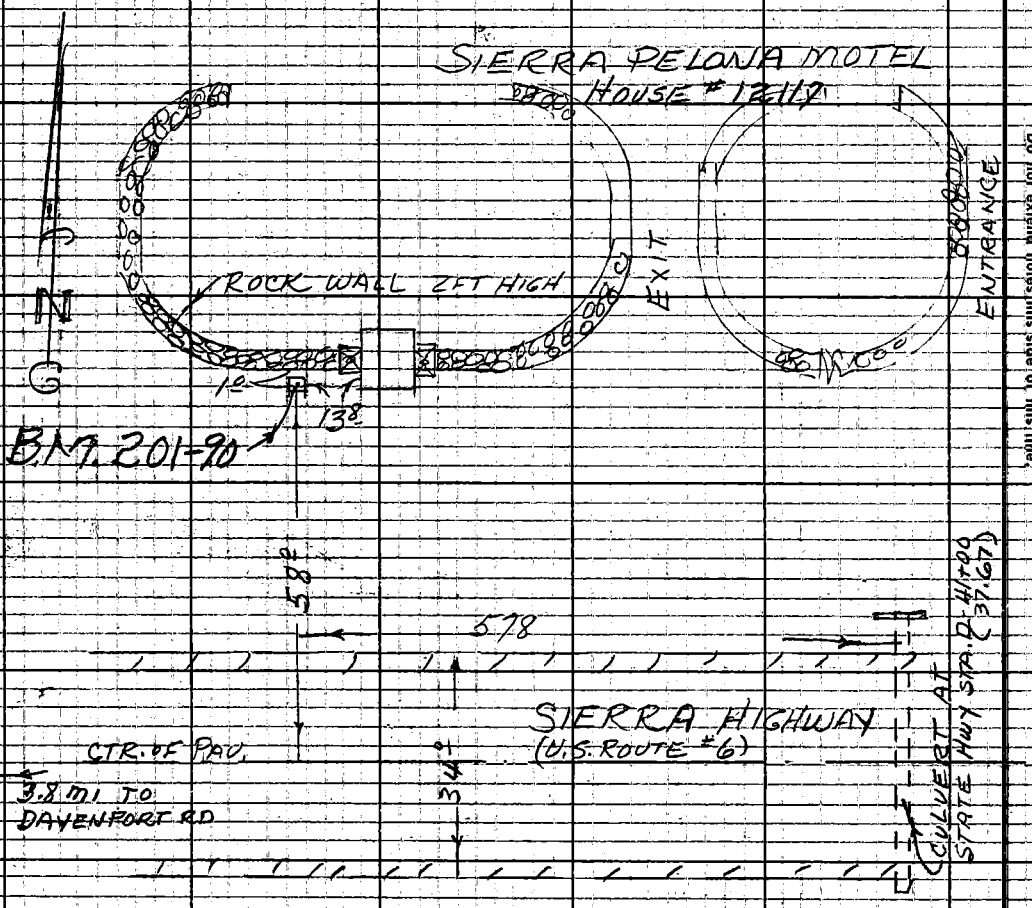
763095 CE #247—7-53

F.B. 2846 PG. 66

B.M. 201-90

SIERRA HWY, (U.S. #6) ~~2.1~~ 1.9 MI. W. OF ....
AUGA DULCE CN. RD., 3.8 MI. N.ELY FROM
DAVENPORT ROAD, 578 FT. W. OF STATE HWY
CULVERT AT STA. D-41+00 (37.67), 13.8 IN. OF W. WALK
AND 1 FT S. OF 2 FT. HIGH STONE WALL IN FRONT
OF SIERRA PELONA MOTEL (HO. # 12117). SET A
STD. C.E. BRASS CAP & BUTTON STAMPED "B.M.
201-90 1961 R.E. 5867", IN 12" CONC. POST
UP 1 INCH



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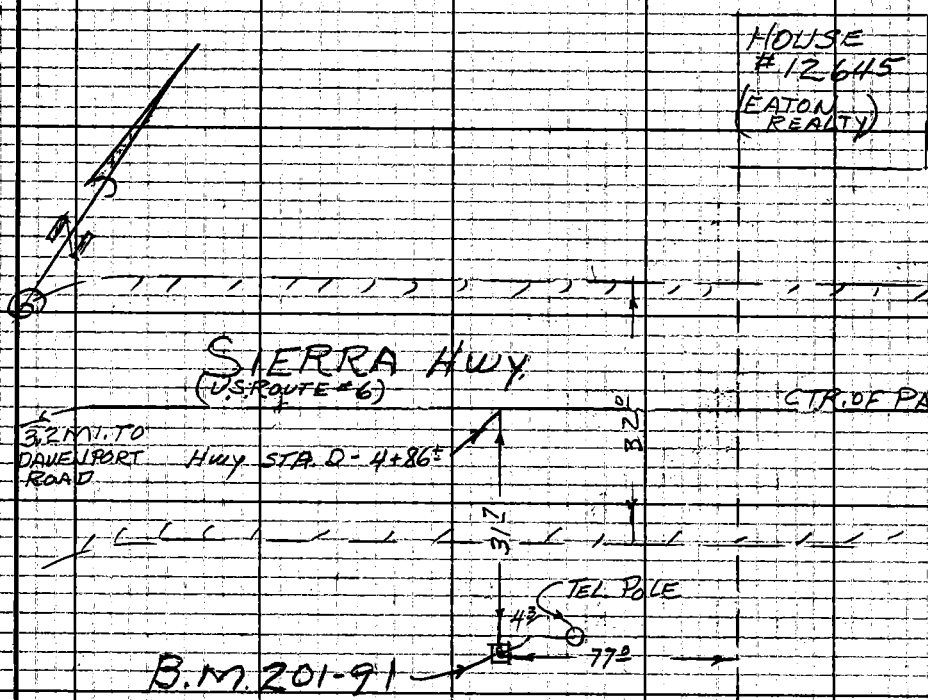
Notes Ck'd by	Survey of L.A. Co. PRECISE LEVELNET F.B. 2846 PG. 67
Map No.	JN 0.30102 Tape Std OF
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 11-30-61
Date	Indexed H. E. OTT

B.M. 201-91
SIERRA HWY. (U.S. #6) 3.2 M. N.ELY FROM DAVENPORT ROAD, OPPOSITE HOUSE #12645 (EATON REALTY) AND 17.0 FT. W. OF W. SIDE OF HO. #12645, 31.7 FT S. OF CENTER OF PAVEMENT 4.3 FT. W'LY OF A TEL. POLE, SET A STD. C.E. BRASS CAP & BUTTON STAMPED "B.M. 201-91 1961 R.E. 5869", IN 12" CONC. POST UP 6 INCHES.



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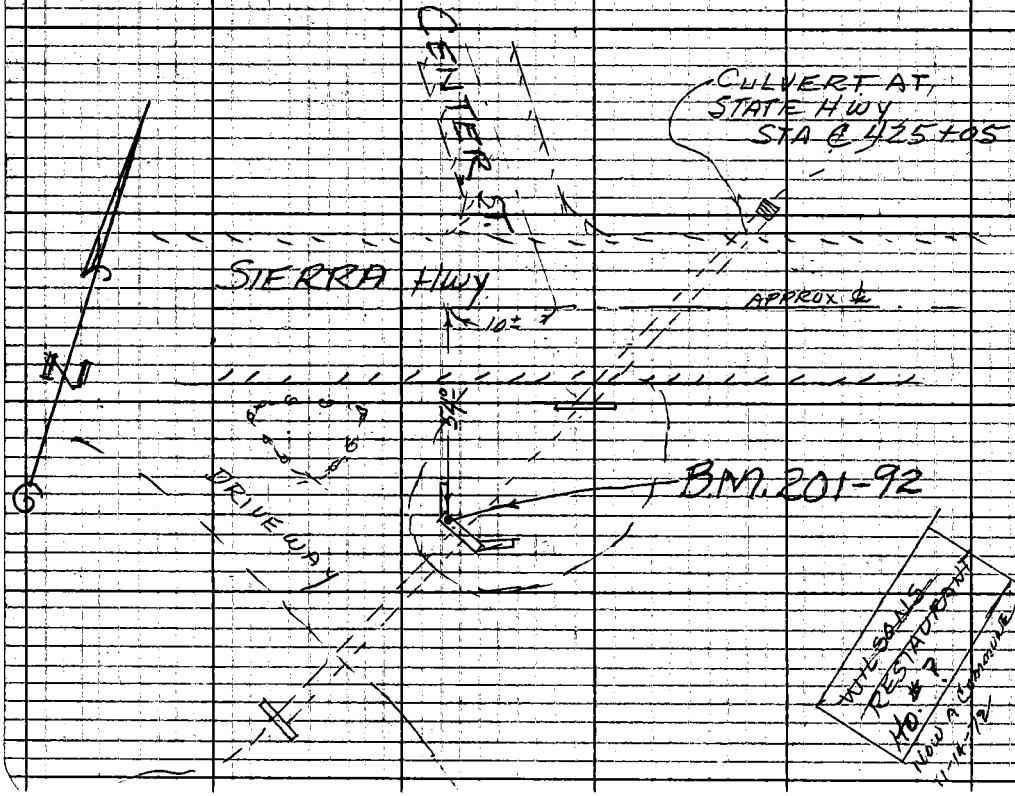
900 LOS ANGELES COUNTY ENGINEERING BLDG.

768095 CE #247 7-53

F.B. 2846 PG. 68

B.M. 201-92
SIERRA HWY. (U.S. #6) AND CENTER ST.,
(2.7 MI. N.E. OF DAVENPORT RD.) 10 FT. W. OF
CENTER OF INTER., AND 54 FT. S'LY FROM
CENTER OF HWY, SET A STD. C.E. BRASS
CAP & BUTTON STAMPED "B.M. 201-92 1961
R.E. 5869," IN TOP OF W'LY END OF A CONC.
HEADWALL AT N. END OF CULVERT UNDER
DRIVEWAY TO ~~WILSONS RESTAURANT~~ 11-14-72
TONY & SUSAN ALAMO CHRISTIAN FOUNDATION



RETURN TO
LOS ANGELES COUNTY ENGINEER
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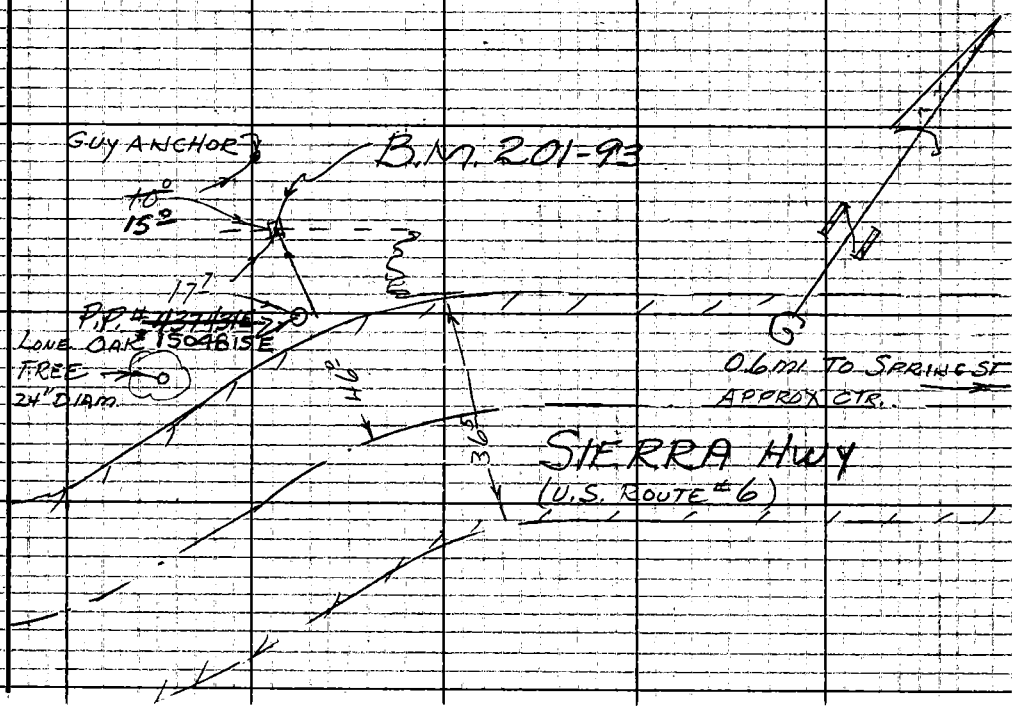
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 12-1-61
Date	Indexed H. E. O'T

F. B. 2846 PG. 69

B.M. 201-93

SIERRA HWY (U.S. ROUTE 6) 0.6 MILE WEST OF SPRING ST., 2.0 MI. N. ELY FROM DAVENPORT RD., 46 FT N.W'LY FROM CENTER OF HWY, 17.7 FT. N.W'LY FROM POWER POLE ~~#437431E~~ #1504815E SET A STD. C.E. BRASS CAP & BUTTON STAMPED "B.M 201-93 1961 R.E. 5869," IN 12 INCH CONC. POST UP 6 INCHES



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RETURN TO LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-53

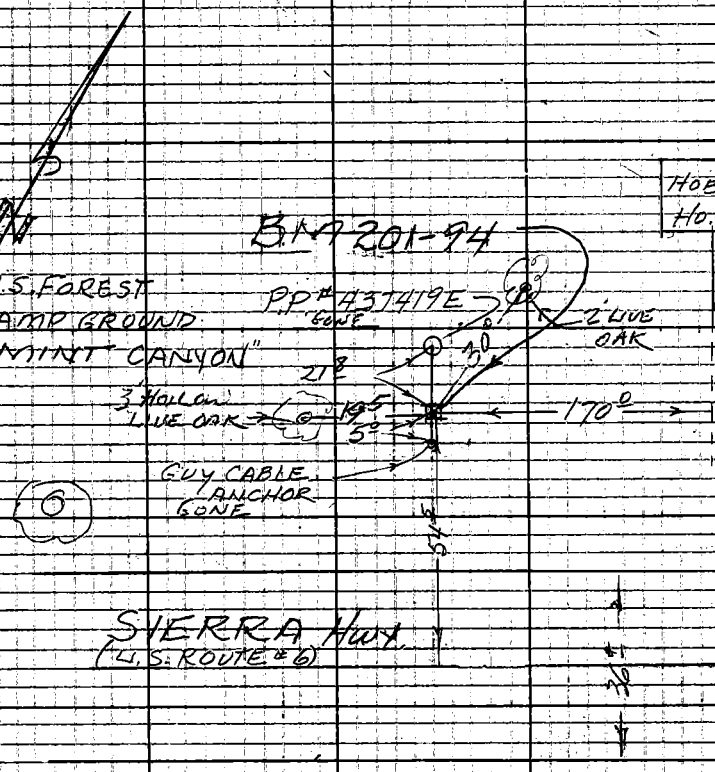
F.B. 2846 PG. 70

B.M. 201-94

SIERRA HWY (U.S. #6) 1.45 MI. N.E'LY FROM DAVENPORT ROAD IN U.S. FOREST CAMP GROUND "MINT CANYON", 170 FT W. OF HO. #13859 (HOB NOB CAFE) 54.5 FT. N'LY FROM CENTER OF HWY, ~~21.8 FT. S'LY FROM POWER POLE # 37419E, 5 FT. N. OF GUY CABLE~~, SET A STD. C.E. BRASS CAP & BUTTON STAMPED "B.M. 201-94 1961 R.E. 5869", IN 12" CONC. POST UP 2 INCHES

OUT

(11-14-72 G.E.D.) 30 FEET S'LY FROM A 24" LIVE OAK TREE
19.5 " N.E'LY " A 36" HOLLOW LIVE OAK TREE



RETURN TO
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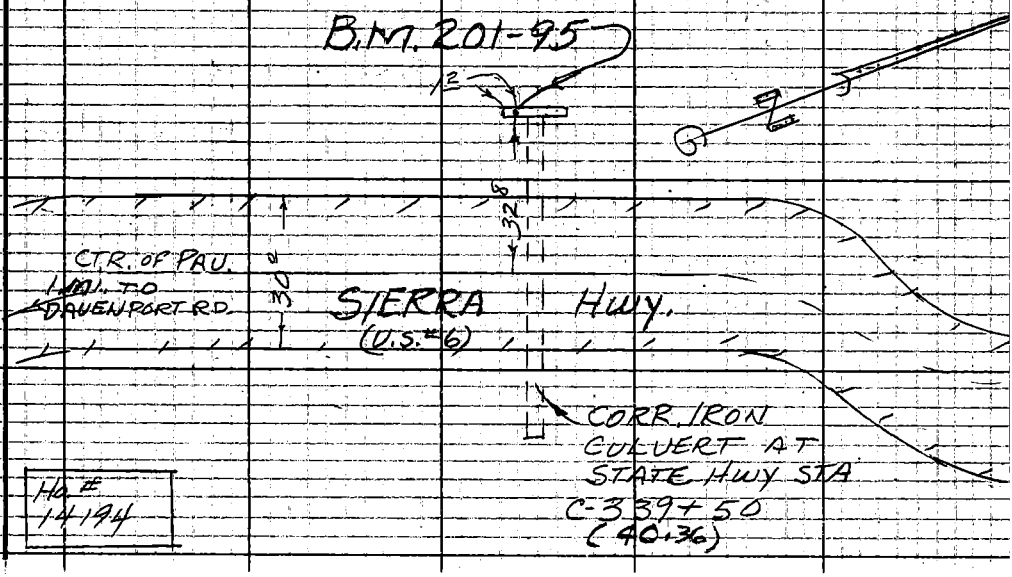
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 12-1-61
Date	Indexed H. E. OTT

F.B. 2846 PG. 71

B.M. 201-95

SIERRA HWY (U.S. #6) IN N.W. HEADWALL OF CULVERT AT STATE HWY STA. C 339+50 (40.36) 1.0 MI. N.E. OF DAVENPORT ROAD, SET A STD. C.E. BRASS CAP & BUTTON STAMPED B.M. 201-95 1961 R.E. 5869" ABOUT FLUSH

The button has been slightly damaged 5/14/68 RCB



Ho # 14194

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RETURN TO
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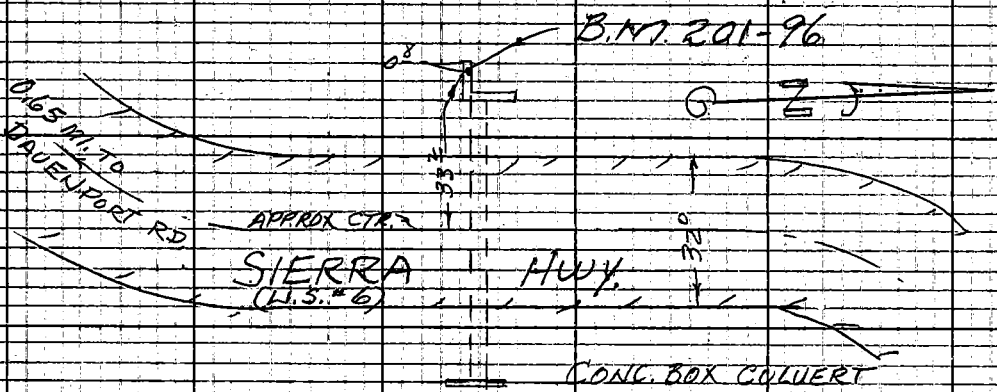
763099 CE #247—7-59

F.B. 2846 PG. 72

B.M. 201-96

SIERRA Hwy (U.S. #6) 0.65 mi. N.E. FROM DAVENPORT ROAD, 33.2 N. OF CENTER OF PAV., SET A S.T.D.C.E. BRASS CAP & BUTTON STAMPED "B.M. 201-96 1961 R.E. 5869", NEAR FLUSH IN W. END OF CULVERT HEAD WALL AT STATE Hwy STA. C-320+46 (40.74)



RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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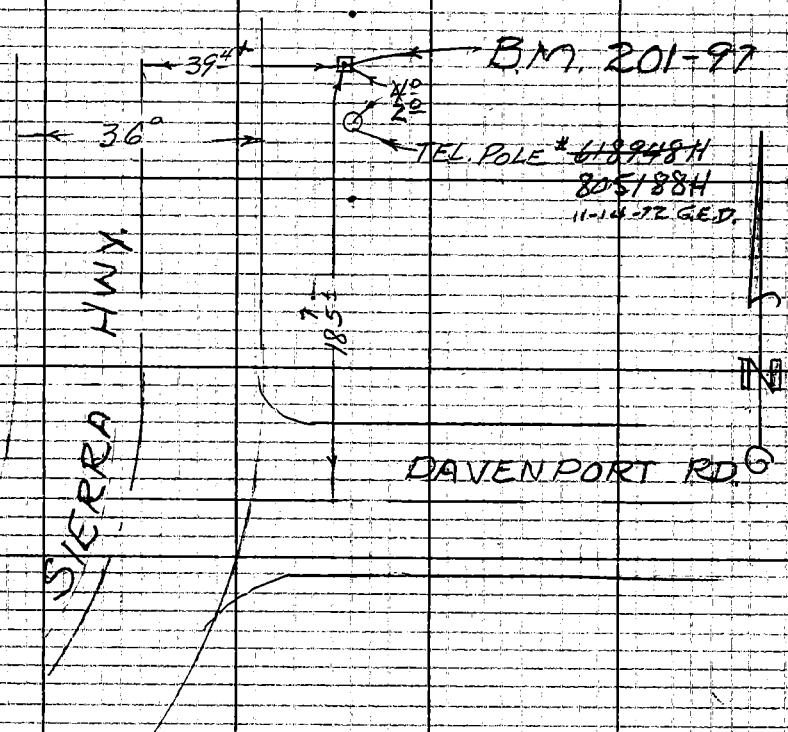
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 12-1-61
Date	Indexed H. E. OTT

F.B. 2846 PG. 73

B.M. 201-97

SIERRA HWY. (U.S. ROUTE 6) AND DAVENPORT ROAD, N.E. COR., 185 FT. N, AND 39.4 FT. EAST OF CENTER OF PAVEMENT, 2 FT. N. OF TEL. POLE NO. ~~618948H~~ 805188H, SET A STD. BRASS CAP & BUTTON STAMPED "B.M 201-97 1961 R.E 5869", IN 12" CONC. POST UP 6 INCHES O.K. 5-08-78 L.W.D.



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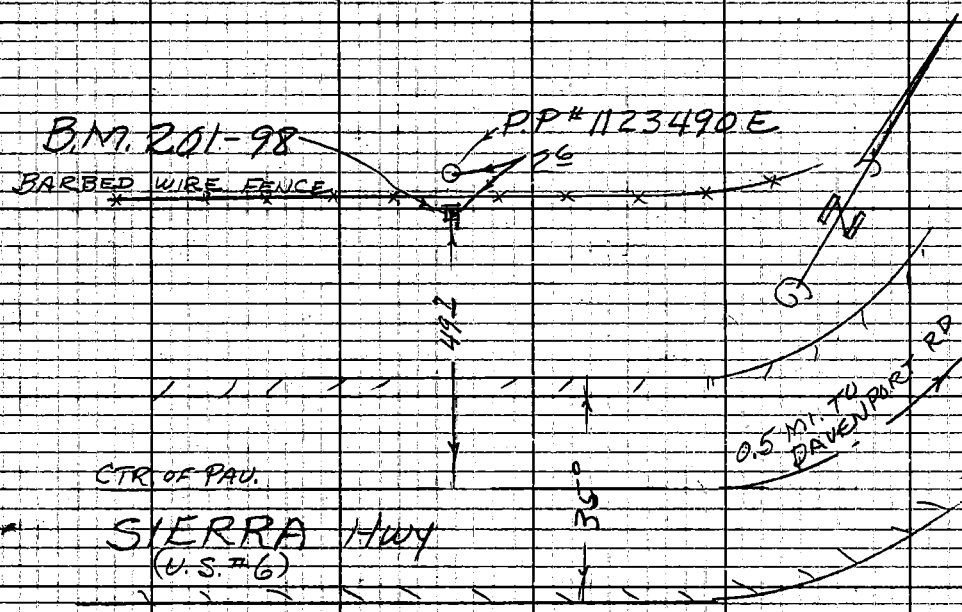
900 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-63

F.B. 2846 PG. 74

B.M. 201-98
SIERRA HWY. (U.S. #6) 0.5 MILE S.W.
FROM DAVENPORT ROAD 49.7 FT
N.W'LY FROM CENTER OF PAV., 2.6 FT
S.E'LY FROM POWER POLE #1123490E
SET A STD. C.E. BRASS CAP & BUTTON
STAMPED "B.M. 201-98 1961 R.E. 5869",
IN 12" CONC. POST UP 6 2" INCHES
O.K. 5-08-78 L.W.J.



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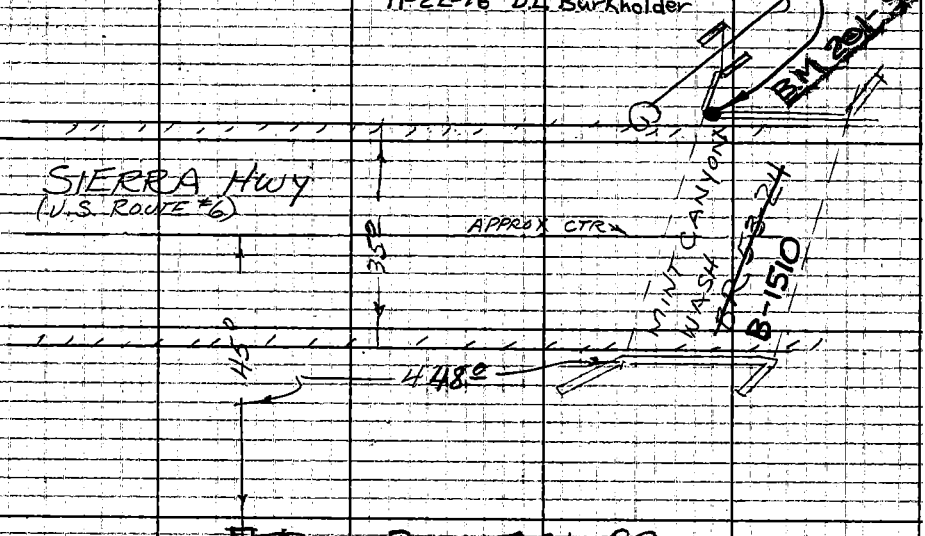
37.55

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 12-1-61
Date	Indexed H. F. OTT

F.B. 2846 PG. 75

B.M. 201-99 (DESTROYED OVERTURNED NOT RECOVERED)
SIERRA HWY, (U.S. #6) 1.0 MI. S.W'LY
FROM DAVENPORT ROAD, 448 FT.
S.W'LY FROM S'LY COR. OF BRIDGE NO
53-24 OVER MINT CN. WASH, 45 FT.
S.E'LY FROM CENTER OF PAV., 4 FT. N.E'LY
FROM TEL. POLE #6190194, SET A
STD. C.S. BRASS CAP & BUTTON STAMPED
"B.M. 201-99 1961 R.E. 5869", IN 12" CONC
POST UP 6 INCHES

(SET) B.M. [redacted] 201-99A
SIERRA HWY (U.S. #6) 0.9 MI. S.W'LY FROM DAVENPORT ROAD
BRIDGE B 1510, OVER MINT CYN. WASH ± FEET (15S) FROM
CTR OF ROAD, AT THE SOUTH WEST COR & END OF BRIDGE
SET A COUNTY ENGINEER'S BRASS DISK WITH RAISED
BOLT. (FLUSH) STAMPED "B.M. 201-99A 1976 RE 22726"
11-22-76 D.L. Burkholder



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RETURN TO
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900 LOS ANGELES COUNTY ENGINEERING BLDG.

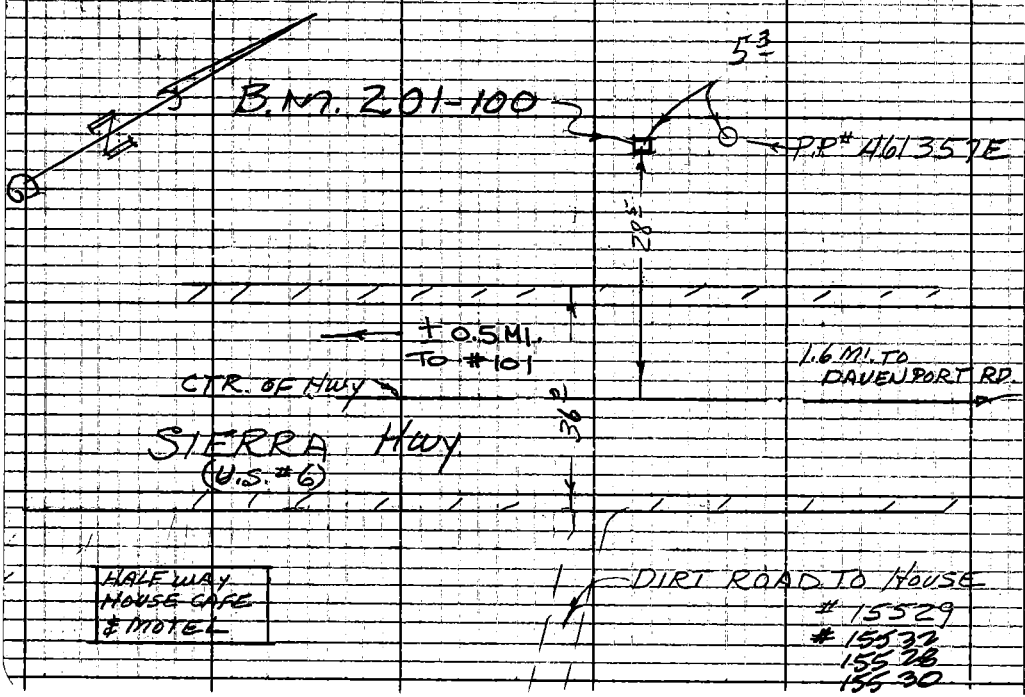
763095 CE #247 7-55

F.B. 28#6 PG. 76

36-9

B.M. 201-100
SIERRA HWY. (U.S. #6) 1.6 MILES S.WLY
FROM DAVENPORT ROAD 28.5 FT. N.W.
FROM CENTER OF PAVEMENT, 5.3 FT.
S.W. FROM POWER POLE # 4613 57E,
SET A STD. C.E. BRASS CAP & BUTTON
STAMPED "B.M. 201-100 1961 R.E. 5869"
IN 12" CONC. POST UP 6 INCHES

(2-23-67 G.E.D.) THIS B.M. HAS BEEN STRUCK BY ROAD EQUIP. & LEANS N.WLY BUT WE RESTORED TO VERTICAL POSITION WITHOUT ATTEMPTING TO MAINTAIN ORIGINAL ELEV.



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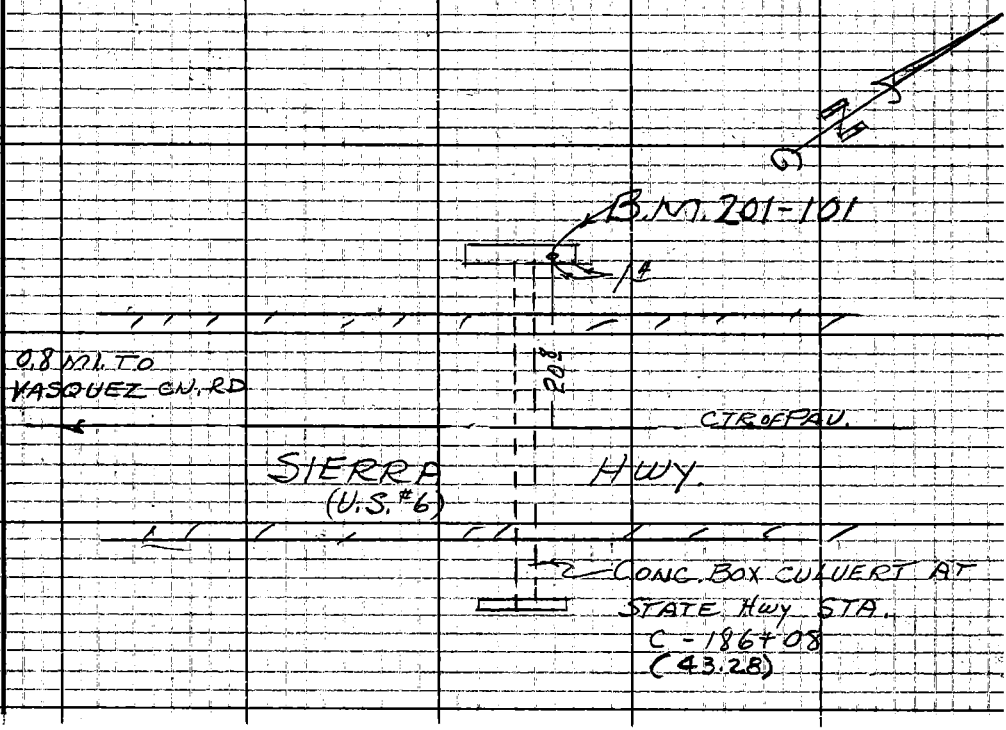
36-45

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G. E. Dreier
Checked	Notes DREIER Date 12-1-61
Date	Indexed H. E. OTT

F. B. 2846 PG. 77

B.M. 201-101

SIERRA HWY. (U.S. #6) 0.8 MI. N.E. OF VASQUEZ CANYON ROAD, AT STATE HWY STA. C-186+08 (43.28), SET A STD. C.E. BRASS CAP & BUTTON STAMPED "B.M. 201-101 1961 R.E. 5869", FLUSH IN N'ELY END OF OF HEADWALL 20.8 FT. N.W. OF CENTER OF PAVEMENT.



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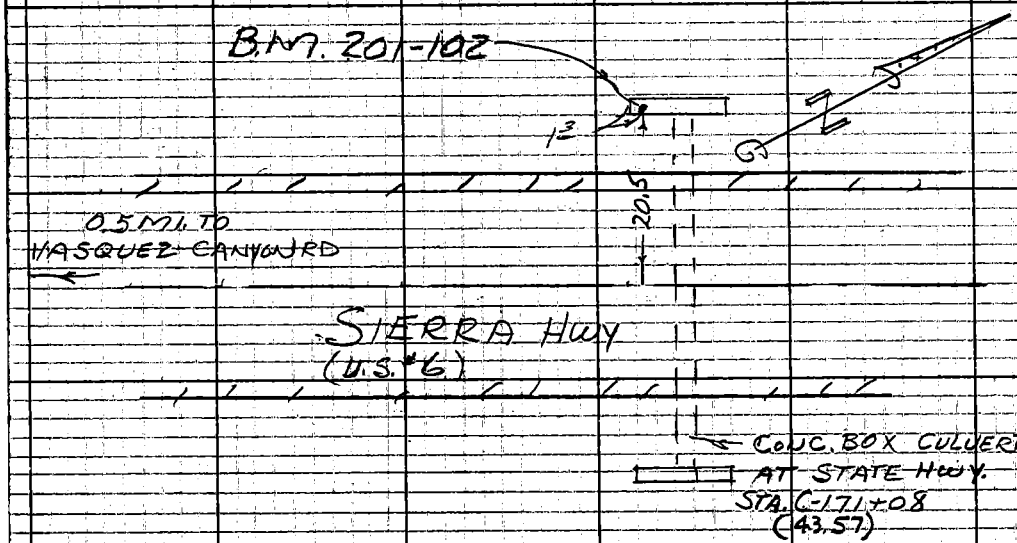
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247 — 7-55

F.B. 2846 PG. 78

B.M. 201-102

SIERRA HWY. (U.S. #6) 0.5 MI. N.ELY FROM VASQUEZ CANYON ROAD, IN S.W'LY END OF N.W'LY CONC. HEAD WALL OF CULVER HEADWALL (43.57) AT STATE HWY STA. C171+08, SET STD. C.E. BRASS CAP & BUTTON STAMPED "BM. 201-102 1961 R.E. 5869", FLUSH IN HEADWALL.



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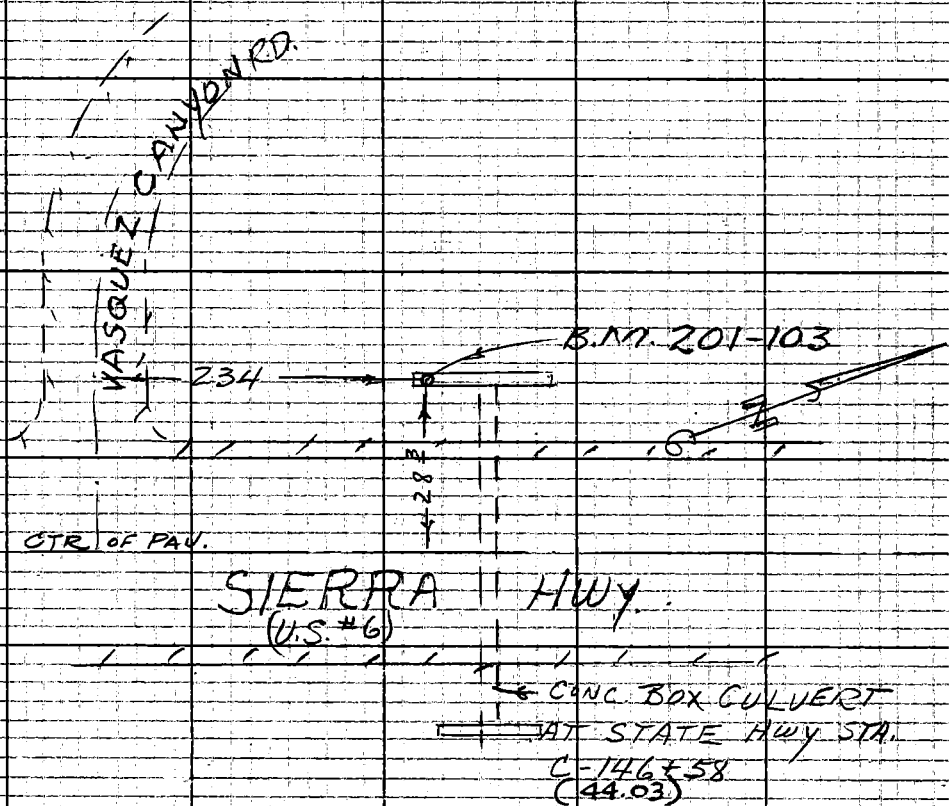
Notes Ck'd by	Survey of L.A. CO PRECISE LEVELING NET F.B. 2846 PG. 79
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 12-4-61
Date	Indexed H. E. OTT

B.M. 201-103

SIERRA HWY AND VASQUEZ CANYON ROAD, N'LY COR., FOUND BOAT SPK IN LEAD IN S.W'LY END OF N.W'LY HEADWALL OF CONC BOX CULVERT AT STATE HWY STATION C-146+58. (44.03) HDWALL IS CHISELED "T.B.M"



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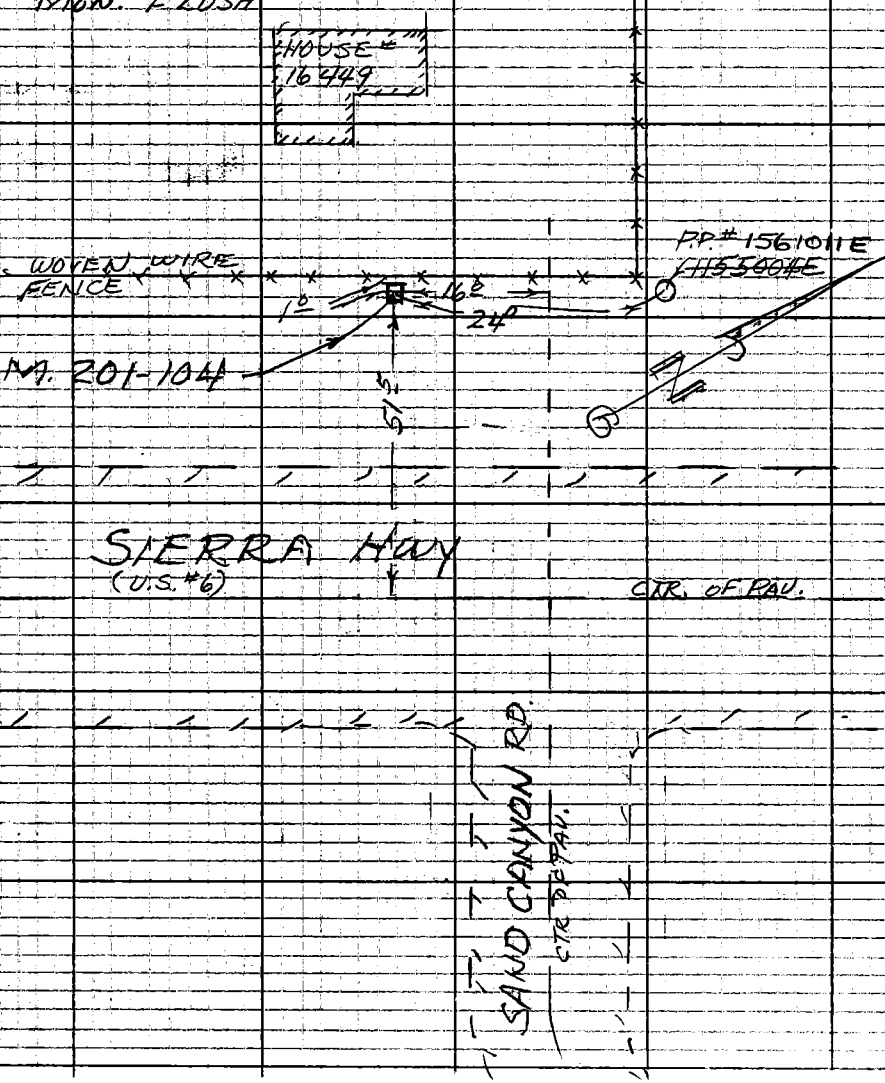
763095 CE #247 7-55

F.B. 2846 PG. 80

B.M. 201-104

SIERRA HWY (U.S. #6) AND SAND CANYON ROAD, N.W. SIDE, 51.5 FT. N.W. CENTER OF HWY, AND 16.0 FT. S.ELY FROM ℄ SAND CN. RD, IN FRONT OF HOUSE # 16449 24.0 FT. ~~S.ELY~~ S.W. FROM POWER POLE # ~~1155604E~~ 1561011E, SET A STD. C.E. BRASS CAP & BUTTON STAMPED B.M. 201-104 1961 RE 5869 IN 12" CONC. MON. FLUSH



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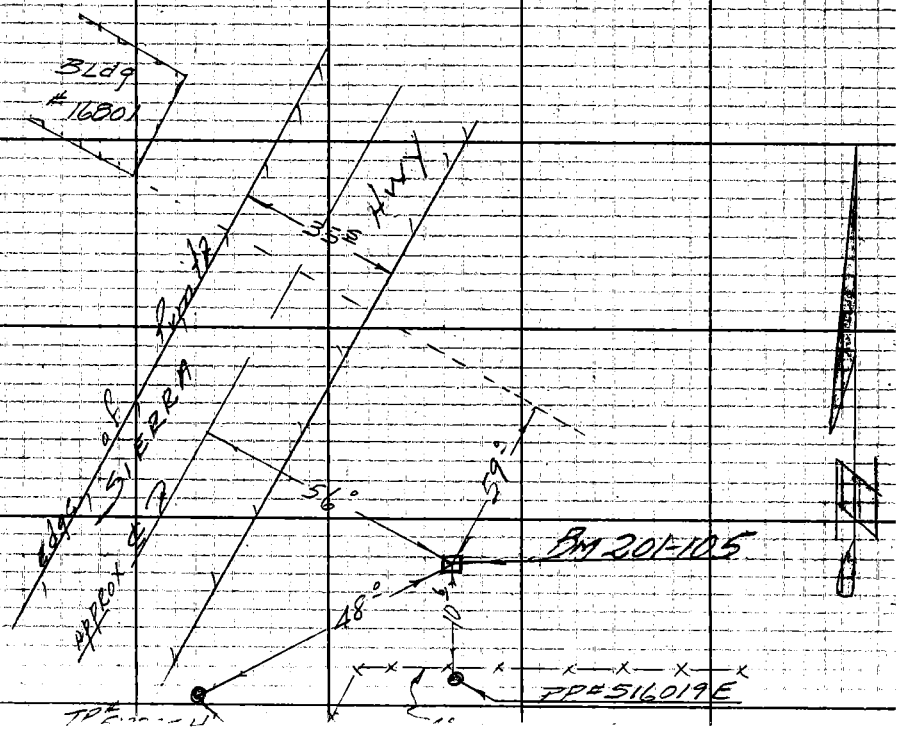
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes A.C.G. Date 11-29-61
Date	Indexed

F. B. 2846 PG. 81

H. L. OTT

BM 201-105

SIERRA HWY & 0.5 SW'LY FROM SAND CANYON RD. SET A STD CO. ENGR BM BRASS CAP & IRON PIPE MKD "BM 201-105 1961 RE 5869" IN CONC, 56° SE'LY FROM APPROX CTR. OF SIERRA HWY, 48° NE'LY FROM PP# 510285H, 10° NO. OF PP# 516019E & 59° SW'LY FROM SW'LY SIDE OF Bldg #16801. MON UP ABOUT 6"



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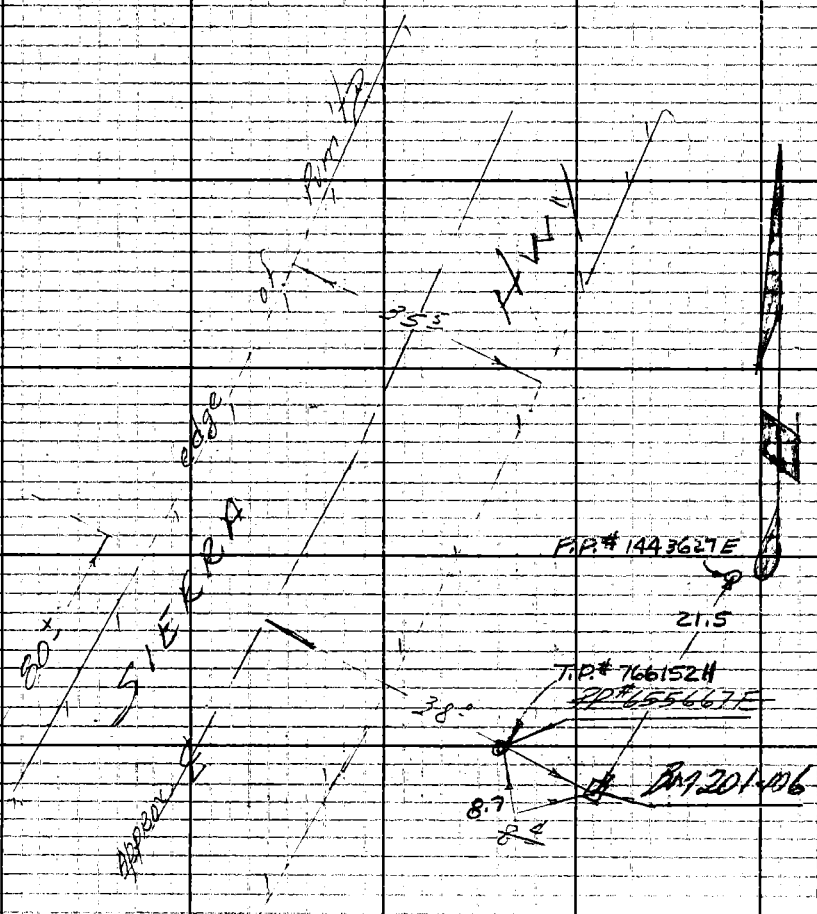
769095 CE #247 7-55

F.B. 2846 PG. 82

BM 201-106

SIERRA HWY, E 1.0 MI S'W'LY FROM SAND CANYON Rd, SET A STD CO. ENGR. BRASS BM CAP & IRON PIPE MK'D "BM 201-106 1961 RE5869", 38° SE'LY FROM APPROX CTR. OF SIERRA HWY, ~~84 SE'LY FROM PP #6556671E~~ & 80± FT NE'LY FROM N'E'LY SIDE OF BLDG #17145. MON FLUSH WITH GROUND

8.7 ft. S.E. of T.P.# 7661521H
21.5 ft. S.W. of P.P.# 1443627E 5/13/68 RCB



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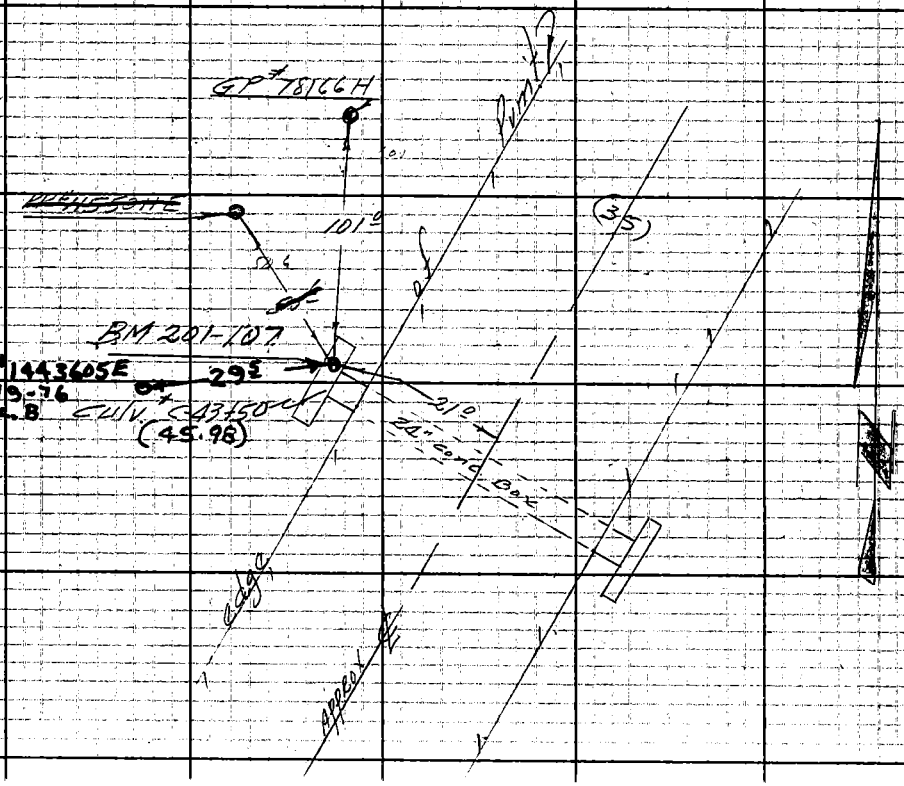
Notes Ck'd by	Survey of L.A.Co. PRECISE LEVELS	F.B. 2846 PG. 83
Map No.	JN 0301.02 Tape Std. °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 11/30/61	
Date	Indexed H. E. OTT	

BM 201-107

SIERRA HWY & 1.50 MI N'LY FROM SOLEDAD CANYON Rd, ON W'LY SIDE OF ROAD AT CULV #C-43+50 (45.98) 21° NW'LY OF CTR OF SIERRA HWY, ~~50' SE'LY FROM PP#1550116~~ 29.5' N.E'LY FROM P.P.#1443605E, & 101° SO. OF GP#78166H, SET A STD CO. ENGR BM cap in CONC MK'D "BM 201-107 RE 5869 1961" in W'LY CULV. HEADWALL



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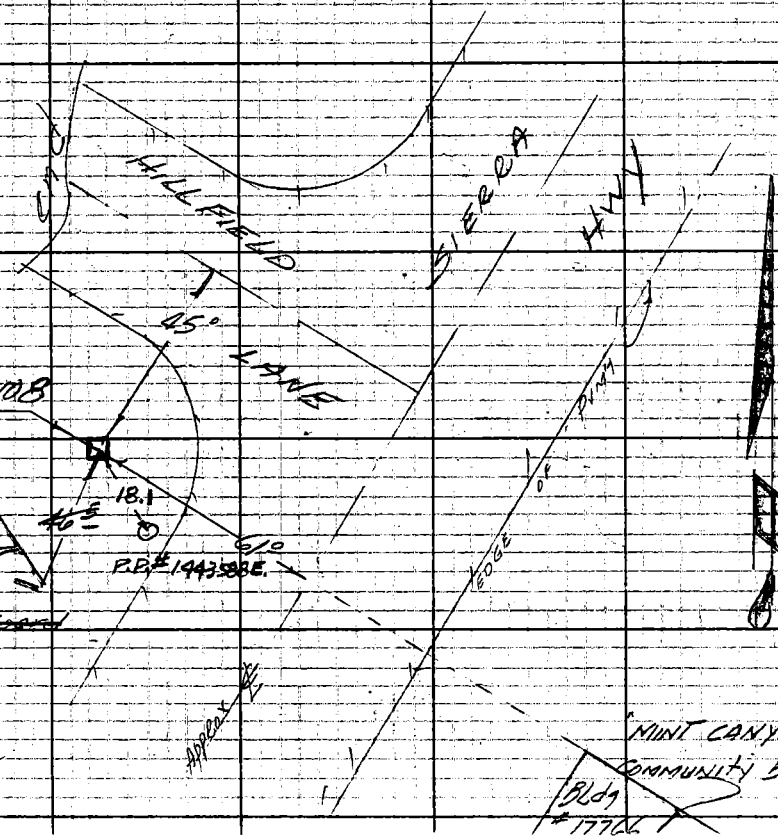
763098 CE #247 7-59

F.B. 2846 PG. 84

BM 201-108

SIERRA HWY & HILLFIELD LANE, 1¼ MI. N'LY FROM SOLEDAD CANYON. IN THE W'LY COR., SET A STD. CO. ENGR. BM BRASS CAP & IRON PIPE MON MK'D "BM 201-108 RE 5869 1961" in conc, ON THE NW'LY PROJ. OF THE NE'LY SIDE OF BLDG #17766, 61± NW OF ℄ OF SIERRA HWY, 45± SW OF ℄ OF HILLFIELD LANE & 46± N'LY FROM "TIPS" SIGN Board. MON SET FLUSH WITH GROUND.

18.1 ft. N.W. of P.P. #1443588E 5/13/68 RCB



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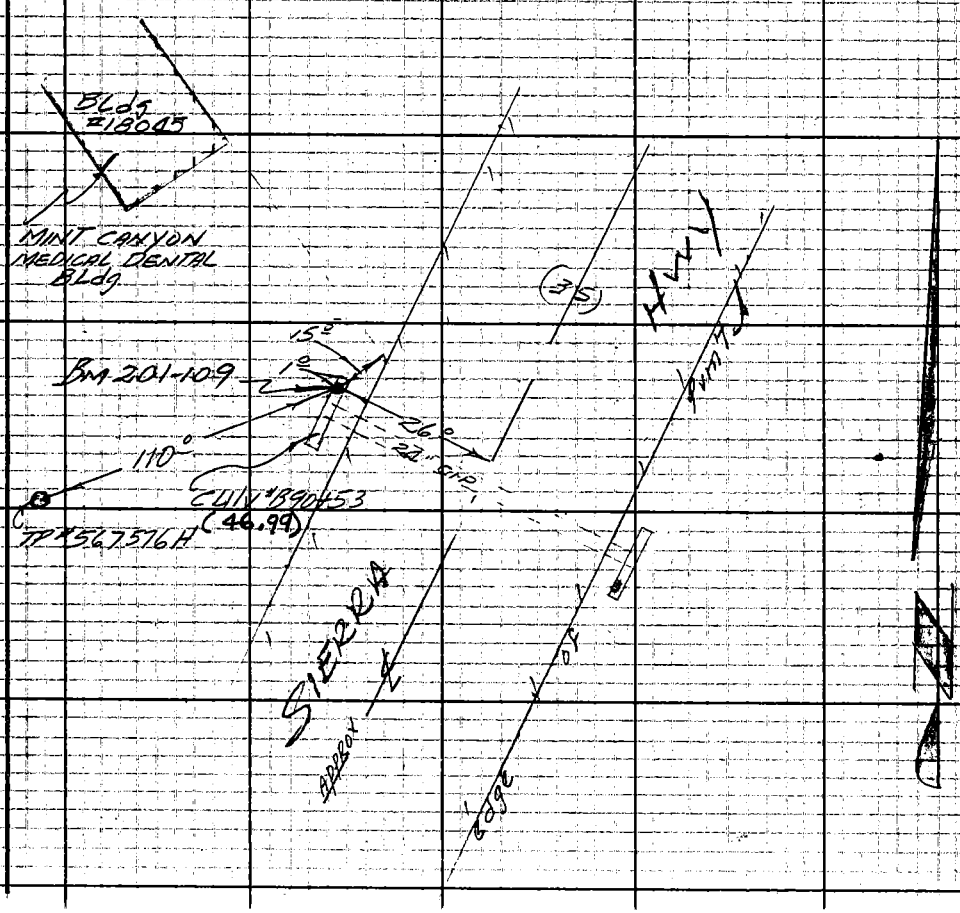
Notes Ck'd by	Survey of LACo PRECISE LEVEL	F. B 2846 PG. 85
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A. C. GUIZADO	
Checked	Notes ACG Date 11/30/61	
Date	Indexed H. E. OTT	

BM 201-109

SIERRA HWY & 0.5 MI FROM SOLEDAD CANYON Rd., SET A STD CO. ENGR. BM BRASS CAP MK'D "BM 201-109 RE5869 1961" in THE W'ly CULV. WALL #B 90+53 (46.99), 110° E OF TP#567576H, 26° NW'ly of CTR. OF SIERRA HWY & 15° SW'ly FROM prod of THE NE'ly SIDE OF BLdg # 18045 produced S'Ely. Brass cap SET IN conc.



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763098 CE #247—7-53

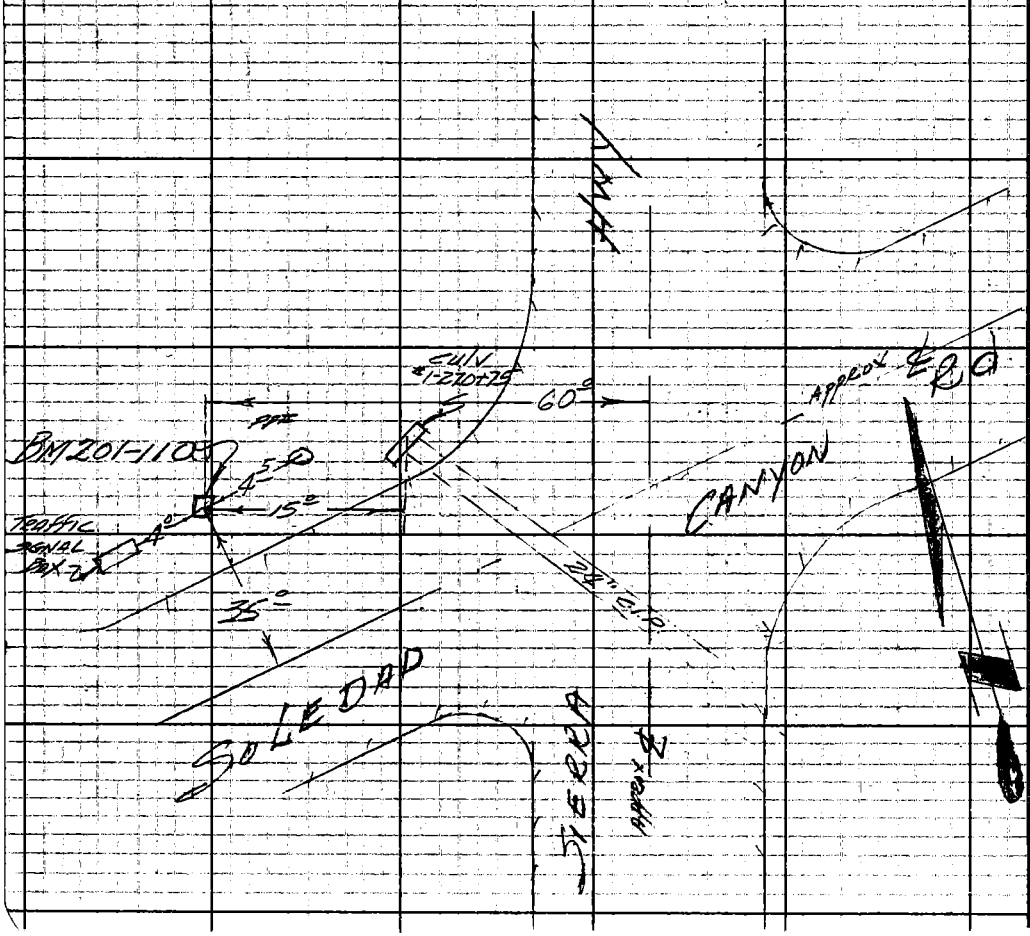
F.B. 2846 PG. 86

BM 201-110

NEAR THE INTERSECTION OF SIERRA HWY & SOLEDAD CANYON RD, IN THE NW'LY COR., SET A STD CO. ENGR. BM. BRASS CAP MON'E IRON PIPE MK'd "BM 201-110 RE5869 1961" IN CONC, 60± W'LY OF APPROX ℄ SIERRA HWY, 35± N'LY OF APPROX ℄ SOLEDAD CANYON RD, 4± E OF THE E EDGE OF A TRAFFIC SIGNAL BOX, & 4± W OF PP# MON SET FLUSH WITH GROUND SURFACE.

B.M. not Fd., prob. destroyed by Const. 5/13/68 RCB

For 201-110A See F.B. 3730-51 JCR 30-Mar-71



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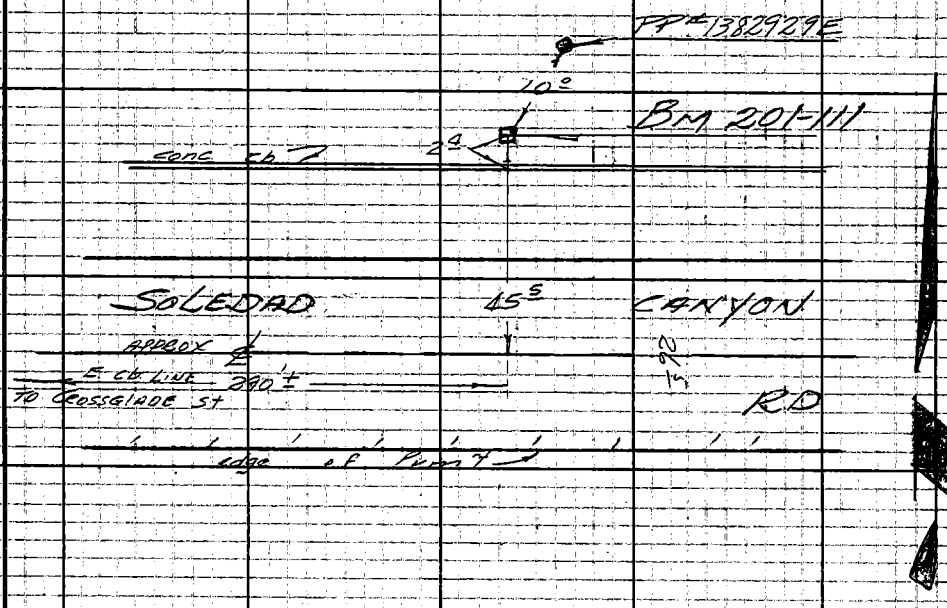
Map No.	JN 030102 Tape Std °F	
Office Work	Surveyed by A.C. Guizado	
Checked	Notes ACG Date 11/30/61	
Date	Indexed H. E. OTT	

BM 201-111

SOLEDAD CANYON Rd & 0.5 MI WEST OF SIERRA HWY, ON NO SIDE OF ROAD. SET A STD CO. ENGR. BRASS CAP & IRON PIPE MKd "BM 201-111 1961 RE5869" in conc, 290 ft± E. OF THE WEST cb LINE OF CROSSGLADE St, 45 5/ NO. OF APPROX ℄ SOLEMINT CANYON Rd, 10° SW'ly OF PP# 1382929E & 2 4 No. OF No. cb LINE. MON. SET FLUSH WITH TOP OF CURB.

B.M. not Fd., prob. destroyed by Const. 5/13/68 KCB
For 201-111A see F.B. 3730-55 30-Mar-71 [illegible]



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763095 CE #247 7-59

F.B. 2846 PG. 88

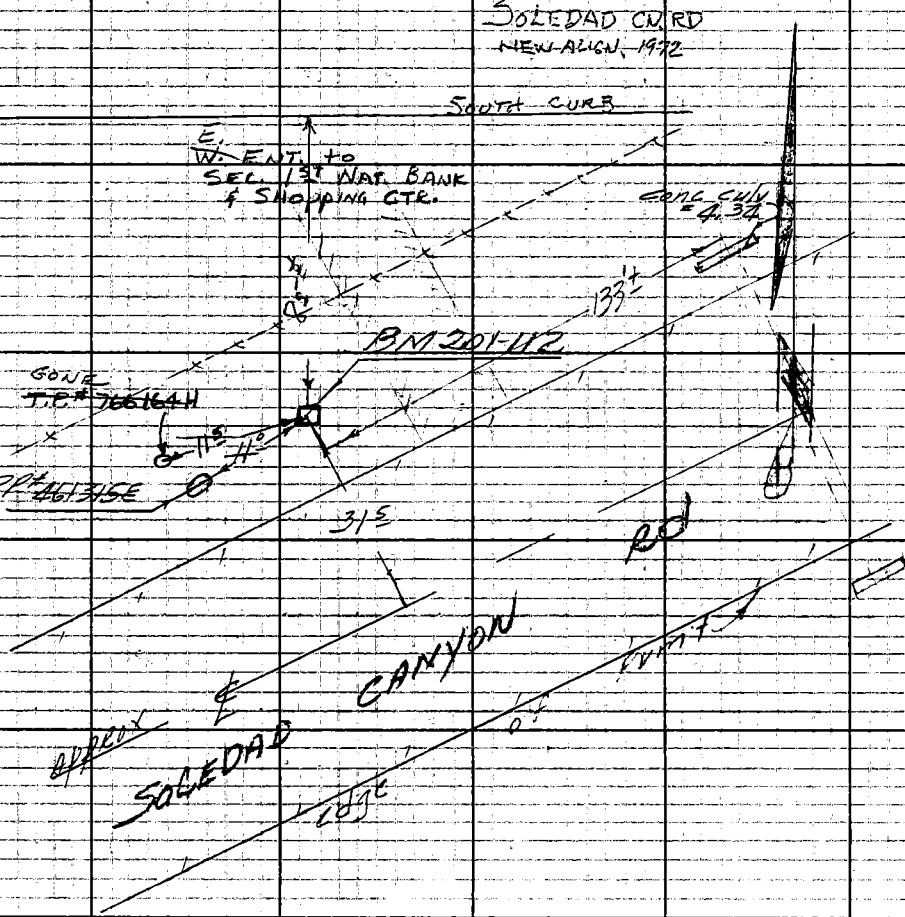
BM 201-112

SOLEDAD CANYON RD & 1.15 MILE WEST OF SIERRA HWY, SET A STD CO ENGR BM BRASS CAP MON & IRON PIPE MKD "BM 201-112 RE5869 1961" IN CONC, 31± N. OF CTR OF SOLEDAD CANYON Rd, 110 E OF PP# 461315E & 133'± W OF CTR OF CULV# 4.34. MON UP 2" ABOVE GROUND

11.5 ft. E of T.P.# 766164H & in the N.W. Cor. of the W. Entr to the Sec. 1st Nat. Bank & Shopping Center

BANK

SEE F.B. 3730-57 FOR NEW SKETCH AND DESCRIPTION



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Map No.	JN 0301.02 Tape Std of	
Office Work	Surveyed by A.C. Guizado	
Checked	Notes ACG Date 12/1/61	
Date	Indexed H. E. Ott	

Bridge

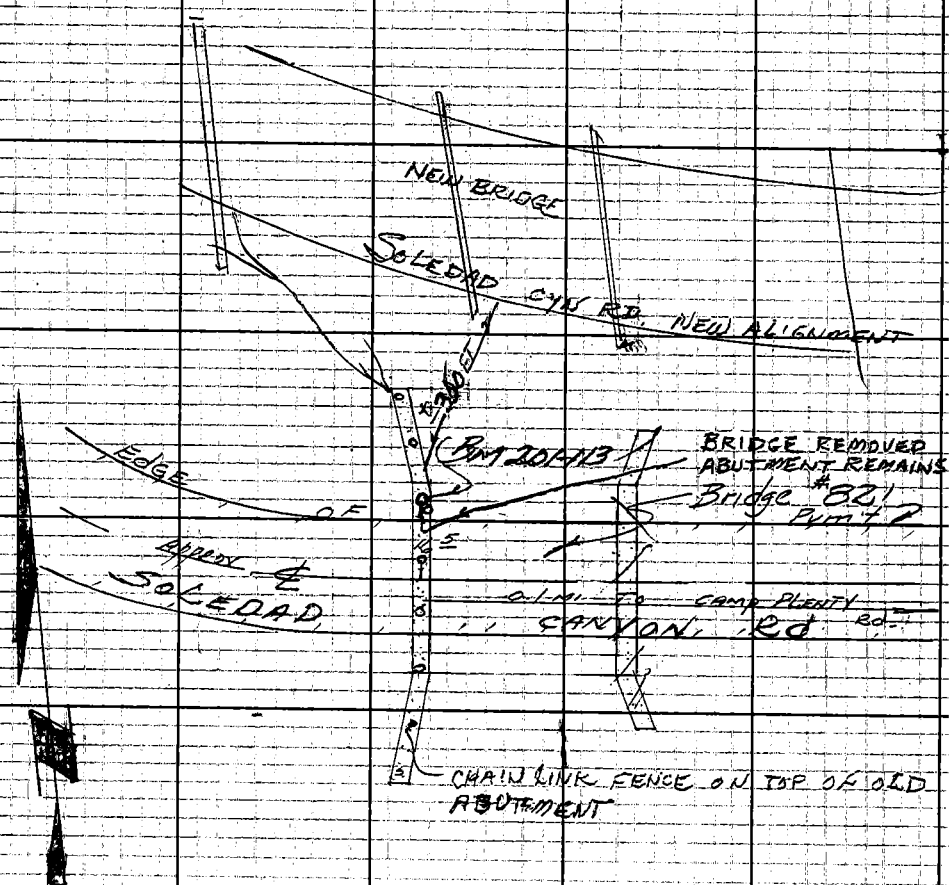
BM 201-113

OLD ALIGNMENT ABOUT 350 FT. S. OF NEW ALIGN

SOLEDAD CANYON Rd & BRIDGE #821, ABOUT 1.4 MI W'LY OF SIERRA HWY, SET A STD CO ENGR BM BRASS CAP IN THE NW BRIDE ABUTMENT MK'D "BM 201-113 RE 5869 1961" IN CONC, 0.1 MI WEST OF CAMP PLENTY Rd & 16.5 FT. NO. OF CTR. OF ROAD

disk is 3 ft. ± lower than the Pvm't. 5/13/68 RCB

UNDER FENCE 12-20-72 G.E. DREIER



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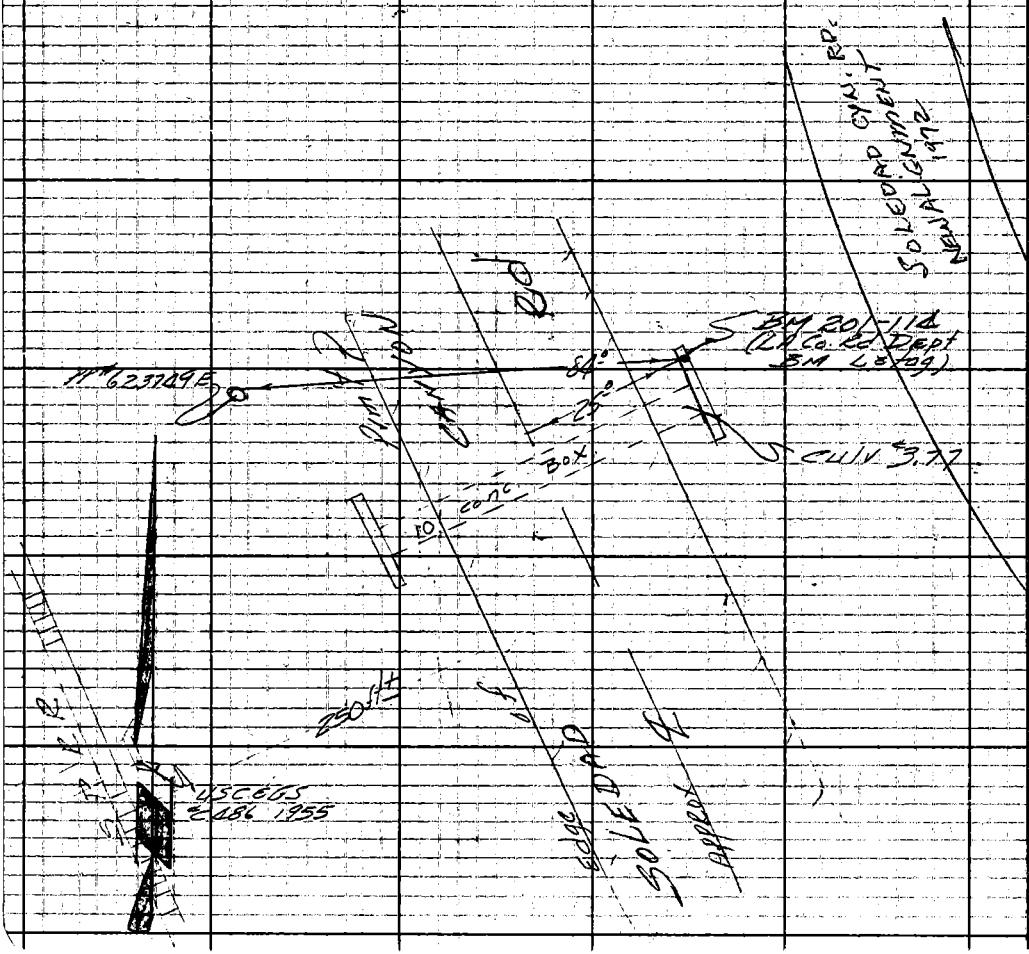
763095 CE #247 7-53

F.B. 2846 PG. 90

BM 201-114 (LA Co Rd Dept BM) Worm
SOLEDAD CANYON RD & ~~1.5~~ 1.75 MI E'ly
FROM SIERRA HWY, Fd A LA Co Rd
DEPT BM in E'ly culvert HEADWALL
#3.77, 25° E'ly FROM CTR OF Rd &
84° E. OF PP#623749E. BM is a
Nail & tag in Lead MK'D "LA Co Rd Dept
BM".

Recovered in good condition, see F.B. 3730-62
for 201-114A JDR 30-Mar-71

SEE SPRR CULV #445.91 FOR BM USCEGS #C 486 1955



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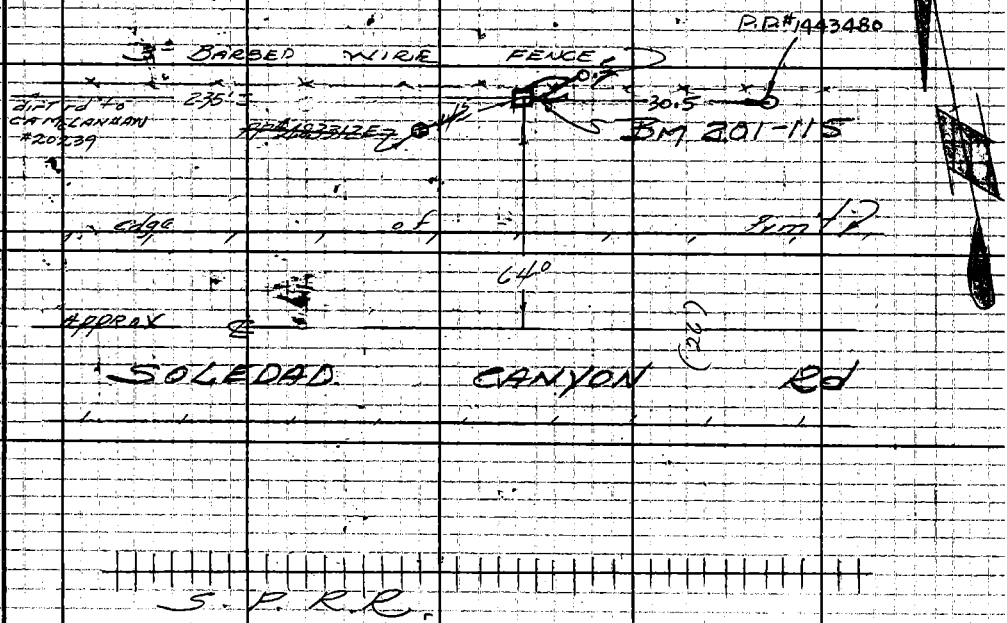
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A. C. Guizado	
Checked	Notes A.C.G. Date 12/1/61	
Date	Indexed H. E. Ott	

BM 201-115

SOLEDAD CANYON Rd & ~~2.0~~ 2.25 MI ~~E~~ W'ly OF SIERRA HWY, SET A STD CO. ENGR BM BRASS CAP MON & IRON PIPE MKD "BM 201-115, RE 5869 1961" in CONC, 64° No. OF CTR OF ROAD, ~~14.5 E OF PP# 483312E~~ & 235'± E OF A dirt rd leading to HSE # 20239. MON SET ABOUT 4" ABOVE SURFACE

30.5 ft. W. of P.P.# 1443480E & 0.5 ft. So. of a barb wire fence. 5/13/68 RCB
DESTROYED BEFORE 3-31-71 "J.G.R."
See F.B. 3730-65 for 201-115 A 30-Mar-71



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763098 CE #247—7-53

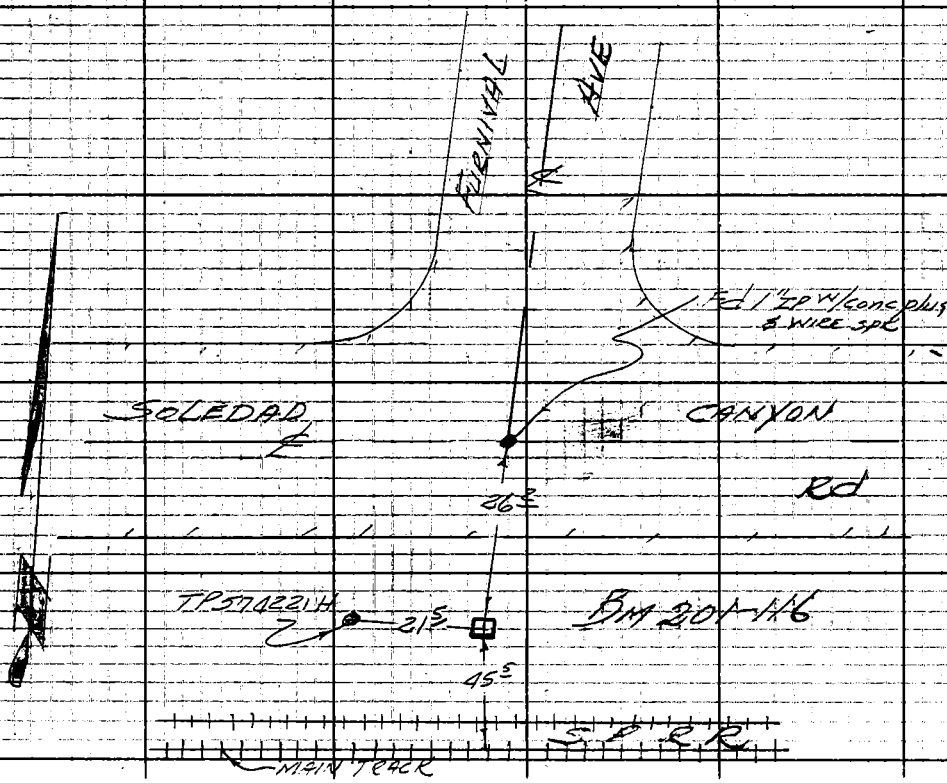
F.B. 2846 PG. 92

BM 201-116

NEAR THE INTERSECTION OF SOLEDAD CANYON Rd & FURNIVAL AVE, SET A STD CO ENGR BM BRASS CAP MON & IRON PIPE MK'D "BM 201-116 RE5869 1961" IN CONC., 26² SO. OF CTR OF Road & on S'ly prod. of approx ℄ FURNIVAL AVE, 21⁵ E OF TP# 574221H & 45⁵ NO. OF THE NO. RAIL OF SPRR MAIN TRACK. MON SET 3" ABOVE SURFACE.

Fd. this B.M. destroyed, 5/13/68 RCB

See F.B. 3730-69 for 201-116 A & B 30-Mar-71 [illegible]



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Notes Ck'd by	Surveyed by L.A. CO. PRECISE LEVEL NET	F.B. 2846 PG. 93
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 12/1/61	
Date	Indexed H. E. OTT	

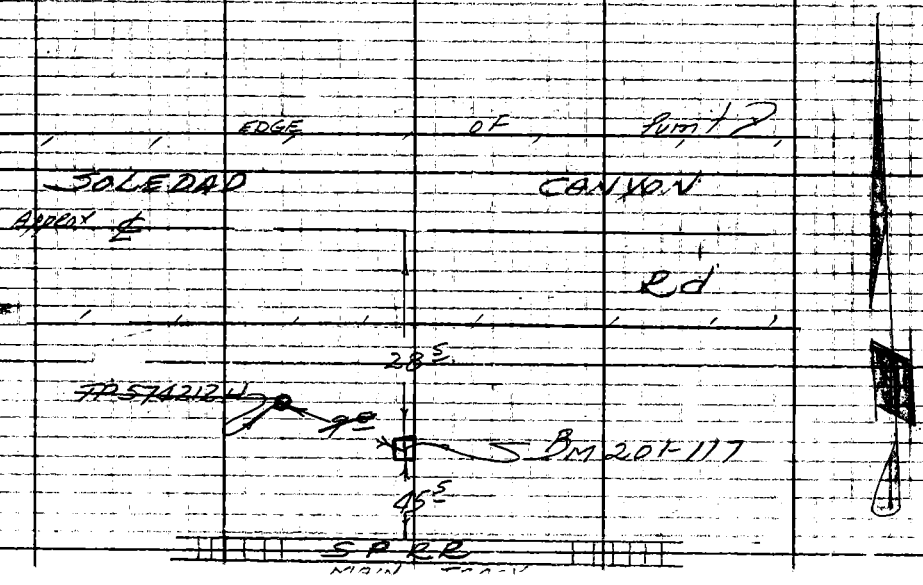
BM 201-117

SOLEDAD CANYON Rd & ~~2.2~~ 2.5 MI ~~E~~ ok OF BOUQUET Cñ Rd junction, SET A STD Co ENGR BM BRASS CAP MON & IRON PIPE MK'D "BM 201-117 RE 5869 1961" in a 12" conc SQUARE, 28.5 SO. OF CTR. OF Rd, ~~9.5 E. OF TP #574212 H~~ & 45.5 No. OF THE No. Rail OF The SPRR. MON. SET Flush with SURFACE

B.M. is at the E'ly B.C. of a Hwy. Curve

5/13/68 RCB

See F.B. 3730-71 for Replacement 30-Mar-71 JER



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76F309S S&E #247 11-58

F.B. 2846 PG. 94

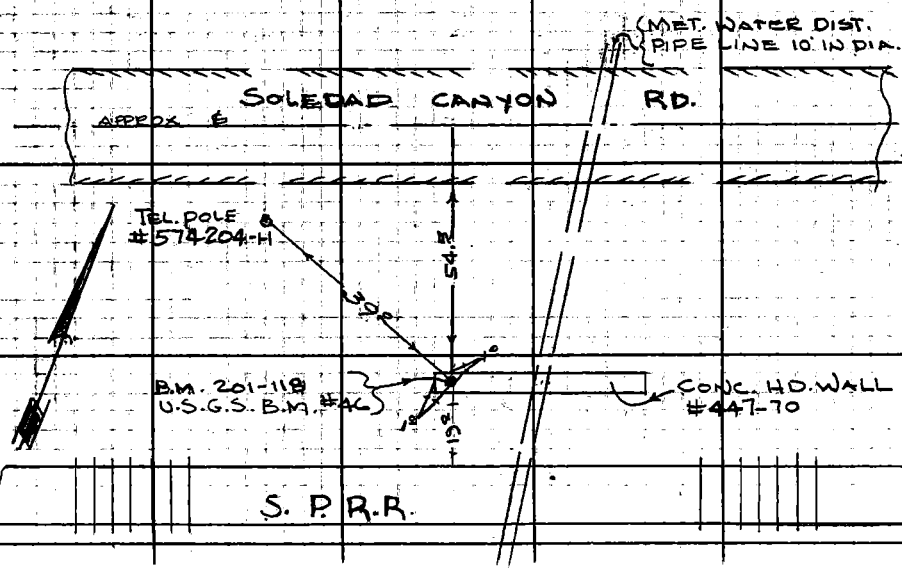
BM 201-118 (USGS BM. #46 1914)

SOLEDAD CANYON Rd & 1.9 MI. EAST OF BOUQUET Cn Rd. Junction, Fd A 4" BRASS Tablet MKD "USGS BM #46 1914" in WEST SIDE OF THE NO. CONC. CULV. HEADWALL #447.70, 54.5' SO. OF CTR OF Road, 39° SE OF TP #574204 H, & 19° NO. OF THE NO. Rail OF THE SPRR MAIN TRACK. MON SET in CONC. & IS in 1° E. OF THE W. end.

Fd. this B.M. destroyed 5/13/68 RCB

Replaced by BM 201-118A (USC&GS Y 984, 1965) in F.B. 3728

NOTE: F.B. 3730-75. Not F.B. 3728 30-Mar 71 [illegible]



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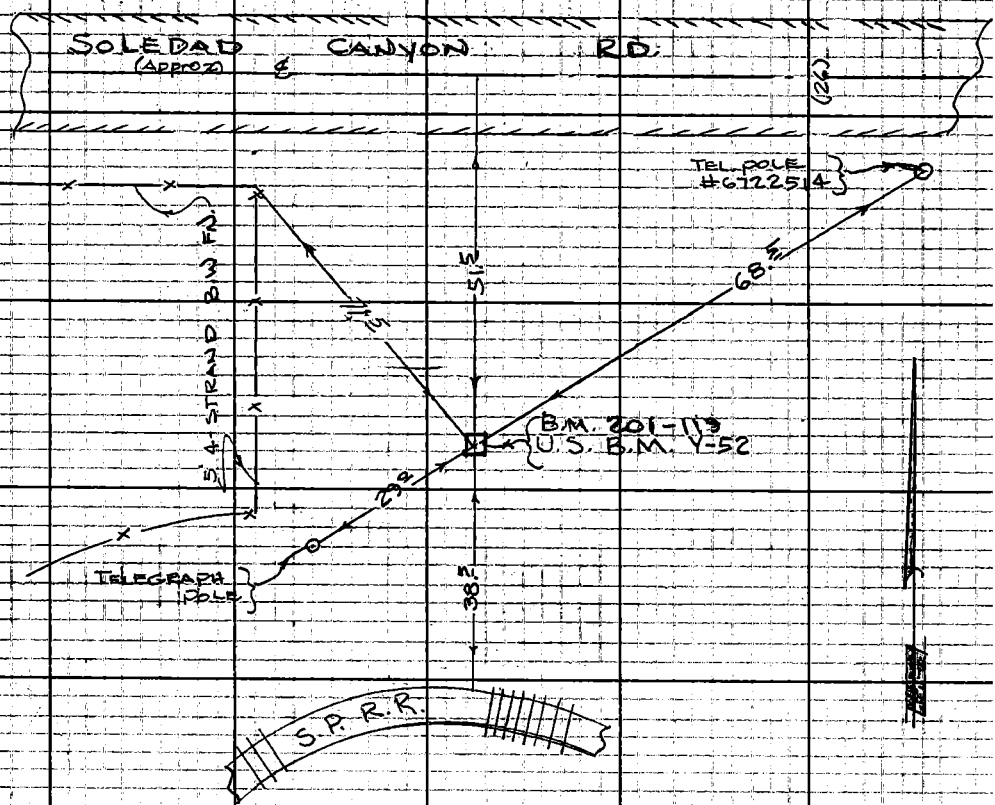
6722514

Notes Ck'd by	Survey of L.A. Co. Precise Levels	F.B. 2846 Pg. 95
Map No.	JN 030102 Tape Std. °F	
Office Work	Surveyed by A.C. Guizado	
Checked	Notes K.M. Date 12/4/61	
Date	Indexed H. E. Ott	

BM 201-119 (USC&GS Y-52)

SOLEDAD CANYON Rd & 1.4 MI EAST OF BOUQUET CO Rd JUNCTION, FD A STD 4" BRASS B.M. TABLET MK'D "USC&GS Y-52 IN A CONC SQUARE, 51.5 SO. OF CTR OF ROAD, 68.5 SW. OF TP 6722514H, 29° NE OF A Telg. Pole No#, 71.5 SE OF A FENCE COR & 38.5 No. OF the No. Rail OF The SPRR MON UP ABOUT 12" ABOVE GROUND SURFACE. B.M. destroyed. Found lying on its side.

See F.B. 3730-77 & for 119A 30-Mar-71 JDR



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763095 CE #247—7-53

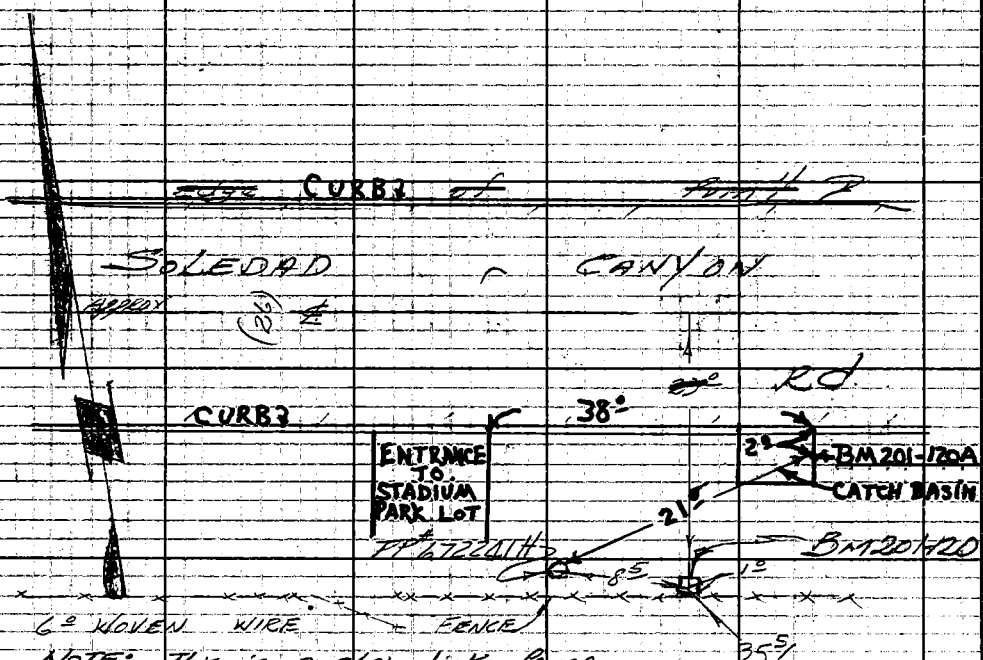
F.B. 2846 PG. 96

BM 201-120

SOLEDAD CANYON Rd & 0.85 0.7 MI. EAST OF BOUQUET CN Rd JUNCTION, NEAR THE SAUGUS STADIUM, SET A STD CO ENGR BM BRASS CAP & IRON PIPE MON MK'D "BM 201-120 RE 5869 1961" in conc, 23° So. of CTR OF ROAD, 8.5 E OF TP# 672241H, 1° No. of FENCE & 35.5 NW'LY OF AN LA Co Rd Dept BM in the NW COR. OF A CONC PAD. MON SET FLUSH WITH SURFACE OF GROUND **NOT RECOVERED**

(SED) **BM 201-120A**

SOLEDAD CANYON RD. SOUTH SIDE, 0.85 MI. EAST OF BOUQUET CANYON RD. JUNCTION, NEAR SAUGUS STADIUM, 21° FEET NORTH E'LY OF PP# 672241H, 2° FEET SOUTH of SOUTH CURB AT EAST SIDE of CATCH BASIN. SET A COUNTY ENGINEER BRASS DISC. WITH RAISED BOLT, STAMPED "BM 201-120A, 1976, RE. 22726". 11-10-76, D.L. BURKHOLDER



NOTE: This is a chain link fence 8 ft. high.

26-Mar-71

RETURN TO LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

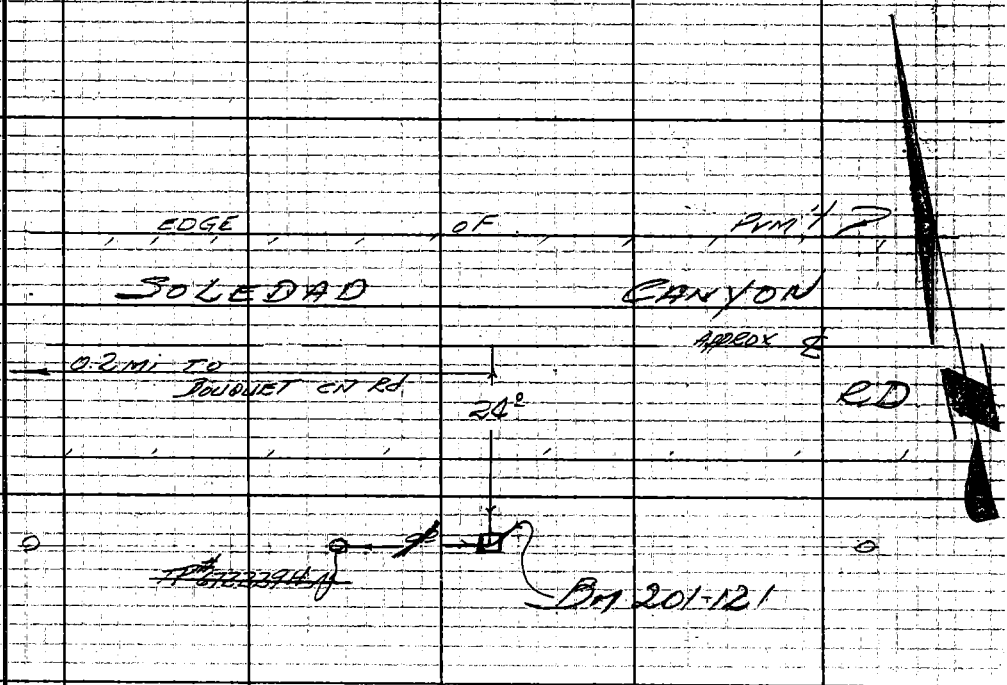
Notes Ck'd by	Survey of LA Co PRECISE LEVELS	F. B. 2846 PG. 97
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 13/1/61	
Date	Indexed H. E. OTT	

BM 201-121

SOLEDAD CANYON RD. & 0.3 MI. EAST OF BOUQUET CANYON RD JUNCTION — ON SOUTH SIDE OF ROAD, SET A STD CO. ENGR BM BRASS CAP MON & IRON PIPE MK'D BM 201-121 RE 5869 1961" in conc., 24° SO. OF CTR OF ROAD & ~~9° EAST OF TP# 672229H~~ MON SET FLUSH WITH GROUND SURFACE.

Conc. post has been broken, but the mark is solid 5/16/68 RCB

B.M 201-121 destroyed. Found conc. post flush with the ground, the 2" I.P. was intact, but the brass disc gone. 30-Mar-71 SJBR SEE F.B. 3730-83



Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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RETURN TO LOS ANGELES COUNTY ENGINEER 1100 LOS ANGELES COUNTY ENGINEERING BLDG.

763099 CE #247—7-53

F.B. 284 PG. 98

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Profile No.	Notes Red	Plotted	Job No.	Division No.	F. B.	PG.
	Date	Date	Survey of			
X-Sec. No.	Notes Chkd	Checked	Survey by	Notes	Date	
	Date	Date	Map No.	Indexed	Date	

STATION	B. S.	H. I.	F. S.	ELEV.	

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PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

761-298 S & E #307—1-56

F. B. PG.

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date Nov. 1972
Date	Indexed G. D. BAILEY NOV 15 1972

F. B. 2846 PG. 101

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE NO 125, NOV. 1972 LEVELING

REFERENCES

F.B. 3730-

DREIER
MALDONADO
SIEMANN
OHASHI
McKNIGHT

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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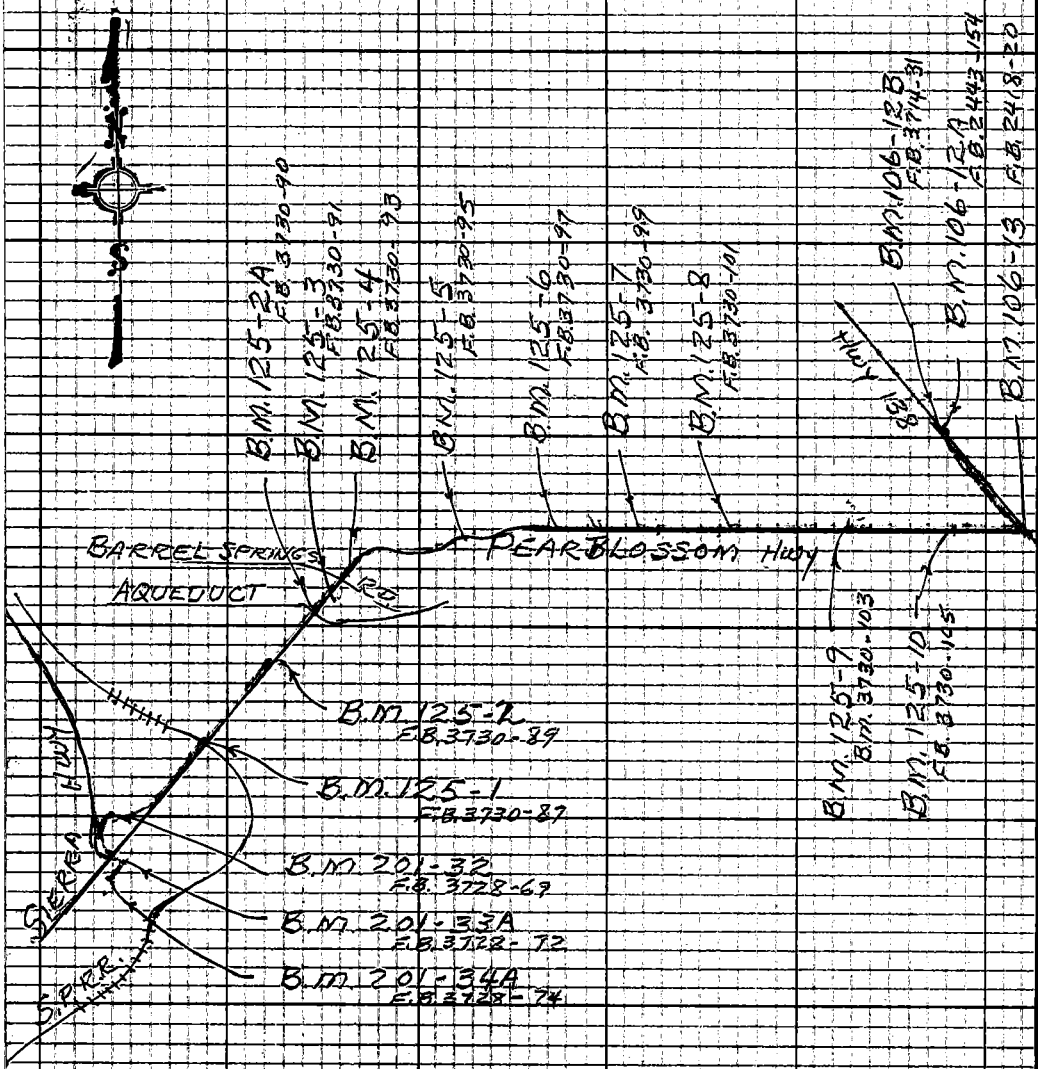
76E309S CE#310 3-69

ROUTE SKETCH, LINE 125

F.B. 2846 PG 102 NOV. 1972 RELEVELING



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76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	150	800	451 5	152 148 4	181	758	482 5	207 155 ~~54~~ 2	~~54~~ 2 M- 4 M= ~~50~~ 48 M=0.20 mm
2	146	672	447 5	148 144 4	115	842	416 5	142 88 54	54 M- 4 M= 50 M=0.20 mm
	297	472		8	297	600		106	
						040		8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					297	560		98	
					297	472			
					-	088			
				mm= "C"					
						-0.009 mm= "C"			
					98	0.88			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY MALDONADO DATE 11-1-72
INDEXED ____ DATE ____
WEATHER Cloudy & windy
TIME 9:25 TO 9:35
NOTES CHKD G.D. BAILEY DATE NOV 15 19
INST. NO. 96716
ROD NO. 1713 AE
T-62°
F.B. 2846 PG. 103

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	152	789	453 5	154 150 4	183	762	484 5	210 156 54	54M - 4M = 50M = 0.20 mm
2	143	072	444 5	145 141 4	112	172	413 5	139 85 54	54M - 4M = 50M = 0.20 mm
	295	861		8	295	934		108	
						040		8	Curvature Corr. = 0.40 mm
					295	894		100	
					295	861			
						033			
						- 003	MM = "C"		
					100) 0.33				

T-64°

F.B. 2846 PG. 104

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES SIEMANN 11-2-72

INDEXED G. D. BAILEY DATE

WEATHER BREEZE

TIME 9:15 TO 9:25

NOTES CHKD

INST. NO. 967

ROD NO. 7131

DATE

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 74
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716
NOTES BY SIEMANN DATE 11-3-72 TIME 10:00 TO 10:10 ROD NO. 1713A
INDEXED DATE NOTES CHKD. G.D. BAILEY DATE NOV 15 19
F.B. 2846 PG. 105

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	149	768	450 5	151 147 4	140	718	441 5	167 113 54	54 M- 4 M= 50 M=0.20 mm
2	154	437	455 5	156 152 4	163	559	464 5	190 136 54	54 M- 4 M= 50 M=0.20 mm
	204	205			204	277		108	
				8		040			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					204	237		100	
					204	205			
					-	032			

mm= "C"

- .003 mm= "C"
100/ 032

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	146	992	447 5	148 144 4	109	778	410 5	136 82 54	54 M - 4 M = 50 M = .020 mm
2	149	641	450 5	151 147 4	186	840	487 5	213 159 54	54 M - 4 M = 50 M = .020 mm
	296	633		8	296	618		108	
	296	578			-	040		8	CURVATURE CORR. = .040 mm
		055				~~658~~		100	
					296	578			
	+ .005 MM = "C"								
	100) 055								

T = 62°

WEATHER SUNNY CLEAR INST. NO. 967

TIME 9:20 TO 9:30 ROD NO. 1713

NOTES CHKD L R M DATE 21 NOV

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-6-72

INDEXED G. D. BAILEY DATE

F.B. 2846 PG. 106

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T= 62°

F.B. 2846 PG. 607-284

SURVEY BY G. E. DREIER WEATHER WINDY, CLOUDY INST. NO. 9671

NOTES BY SIEMANN DATE 11-1-72 21 NOV '72 TIME 9:30 TO 9:40 ROD NO. 1713A

INDEXED L. R. M. DATE NOTES CHK'D R. D. BAILEY DATE NOV 15 19

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 201-34A TO B.M. 201-33A
B.M. 201-34A									B.M. 201-34A (U.S.C.&G.S. LOFT 2
1	120	448	421	5 124 116 8	169	741	470	173 165 8	B.M. RESET) SIERRA HWY. & PEARBLOSSOM HWY. S.E. COR. SEE F.B. 3728-74
					120	448		8	T = MALDONADO
B.M. 201-33A					49	293		16	B.M. 201-33A (U.S.C.&G.S. U-899 RESET) SIERRA HWY. & PEARBLOSSOM HWY. S.E. COR. SEE F.B. 3728-72

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-33A TO B.M. 201-34A
B.M. 201-33A													B.M. 201-33A (U.S.C.&G.S. U-899 RE
													SIERRA HWY & PEARBLOSSOM HWY. S.E. CO
1	171	160	472	5	174 168	6	121	849	422	5	125 117	8	SEE F.B. 3728-72
												6	π = MALDONADO
	121	849											
B.M. 201-34A	+49	311										14	B.M. 201-34A (U.S.C.&G.S. LOFT 2 B.I
													RESET) SIERRA HWY. & PEARBLOSSOM
													HWY. S.E. COR. SEE F.B. 3728-74

T = 62°

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 10:15 TO 10:20 ROD NO. 713 A8

NOTES CHKD L. R. M. DATE 21 NOV '72

F.B. 2846 PG. 108 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-6-72

INDEXED G. D. BAILEY DATE

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 62°

SURVEY BY G. E. DREIER WEATHER WINDY, CLOUDY INST. NO. 26715

NOTES BY SIEMANN DATE 11-1-72 TIME 9:40 TO 10:00 ROD NO. 17136

INDEXED 1 R M DATE 21 NOV '72 NOTES CHK'D G.D. BAILEY NOV 15 197

F.B. 2846 PG. 109

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-33A TO B.M. 201-32
B.M. 201-33A													B.M. 201-33A (U.S.C.&G.S. U-899 RESET)
1	37	720	338	5	69 / 37	64	295	498	596	5	295 / 262	66	SIERRA HWY. & PEARBLOSSOM HWY.
													SEE F.B. 3728-72
2	18	128	319	5	26 / 10	16	199	020	500	5	209 / 189	20	T = MALDON
						80						86	
B.M. 201-32												80	B.M. 201-32 (U.S.C.&G.S. V-899 1955)
	55	848					494	518				166	SIERRA HWY. & PEARBLOSSOM HWY. N.E.
							55	848					COR. SEE F.B. 2846-16 & 3728-69
							438	670					

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

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F.B. 2846 PG. 110 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEEIER NOTES SIEMANN 11-6-72

INDEXED G. D. BAILEY DATE

WEATHER SUNNY, CLEAR INST. NO. 76716

TIME 10:00 TO 10:10 ROD NO. 1713 A2

NOTES CHKD. L. R. M. DATE 21 NOV 72

T = 62°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-32 TO B.M. 201-33A
B.M. 201-32													B.M. 201-32 (U.S.C.&G.S. V-899 1955
1	188	348	489	5	2.00 176	24	5	218	306	5	1.17 5	24	SIERRA HWY. & PEARBLOSSOM HWY.
													N.E. COR. SEE F.B. 2846-16 & 3728-6
2	295	358	596	5	2.95 274	42	39	733	340	5	.60 18	42	π = MALDONADO
						66						66	
												66	B.M. 201-33A (U.S.C.&G.S. D-899 RESET)
	483	706					54	951				32	PEARBLOSSOM HWY & SIERRA HWY. S.E. Co
	54	951											SEE F.B. 3728-72
+	448	755											
	3												

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 60°

SURVEY BY G.E. DREIER WEATHER WINDY, CLOUDY

NOTES BY SIEMANN DATE 11-1-72 TIME 10:00 TO 10:30 INST. NO. 2676

INDEXED R.M. DATE 21 NOV 72 NOTES CHKD D. BAILEY ROD NO. 713A DATE NOV 15 197

F.B. 2846 PG. 111

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 201-32 TO B.M. 125-1
B.M. 201-32											B.M. 201-32 (U.S.C.&G.S. V-899 1955)
1	109	579	410	5	136 82 54	208	727	509	5	234 182 52	SIERRA HWY. & PEARBLOSSOM HWY. N.E. COR
											SEE F.B. 2846-16 & 3728-69
2	49	638	350	5	½ 77 49 56	289	723	590	5	½ 289 261 56	
					110					108	
3	40	092	341	5	70 10 60	204	458	505	5	233 175 58	
					170					166	
4	185	281	486	5	207 163 44	92	782	393	5	164 76 44	
					214					210	
5	258	208	559	5	282 234 48	7	167	308	5	½ 32 7 50	T = MALDONADO
					262					260	
6	292	833	593	5	½ 292 273 38	7	082	308	5	½ 27 7 40	
					300					300	
7	281	818	582	5	300 262 38	14	470	315	5	½ 33 14 38	
					338					338	
8	294	392	595	5	½ 294 277 34	12	770	313	5	½ 29 12 34	
					372					372	
B.M. 125-1										372	B.M. 125-1 (U.S.C.&G.S. N-1045)
	151	841				837	279			744	PEARBLOSSOM HWY. & R.R. XING BR. #
	837	279									B-1269 SEE F.B. 3730-87
+	674	562									

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F.B. 2846 PG. 112 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DEELER NOTES STEMANN 11-6-72

INDEXED G. D. BAILEY DATE

WEATHER SUNNY, CLEAR INST. NO 96716

TIME 9:30 TO 9:55 ROD NO 17134

NOTES CHKD I R M DATE 21 NOV '72

T = 62°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.125-1 TO B.M.201-32
B.M.125-1													B.M.125-1 (U.S.C&G.S. N-1045)
1	13	910	314	5	30 / 13	34	277	516	578	5	294 / 260	34	PEARBLOSSOM HWY. & BRIDGE #B-12.
													SEE F.B. 3730-87
2	17	849	318	5	36 / 2	38	272	157	573	5	290 / 254	36	
						72						70	
3	21	061	322	5	38 / 4	34	273	772	574	5	291 / 255	36	
						106						106	
4	8	589	309	5	28 / 8	40	255	902	556	5	276 / 234	42	T = MALDONADO
						146						148	
5	21	578	322	5	57 / 21	72	153	779	454	5	189 / 117	72	
						218						220	
6	232	901	533	5	266 / 198	68	32	100	333	5	64 / 0	64	
						286						284	
7	250	506	551	5	280 / 220	60	88	339	389	5	118 / 58	60	
	566	394				346	353	555				344	
8	190	502	491	5	202 / 178	24	77	891	378	5	90 / 64	26	
						370						370	
B.M.201-32												370	B.M.201-32 (U.S.C&G.S. V-899)
	756	896					1431	456				740	PEARBLOSSOM HWY. & SIERRA HWY.
							756	896					N.E. COR. SEE F.B. 2846-16 &
							674	560					3728-69

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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THIS SHEET MUST BE MADE OR
CHANGED IN RED INK, WITH DATE AND
NAME OF PERSON MAKING CHANGE

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 60°
SURVEY BY G. E. DREIER WEATHER WINDY, CLOUDY INST. NO. 96714
NOTES BY SIEMANN DATE 11-1-72 TIME 10:30 TO ROD NO. 1713 #4
INDEXED L R M. DATE 21 NOV 72 NOTES CHKD. D. BAILEY DATE NOV 15 19
F.B. 2846 PG. 113

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 125-1 TO B.M. 125-2
B.M. 125-1													B.M. 125-1 (U.S.C.&G.S. N-1045)
1	261	802	562	5	286 236	50	90	293	391	5	115 65	50	PEARBLOSSOM HWY. & BRIDGE #B-1269
													SEE F.B. 3730-87
2	237	682	538	5	262 212	50	61	131	362	5	85 37	48	
						100						98	
3	260	368	561	5	291 229	62	51	393	352	5	82 20	62	
						162						160	
4	231	726	532	5	255 207	48	84	608	385	5	107 61	46	T = MALDONADO
						210						206	
5	242	602	543	5	271 213	58	103	946	404	5	132 74	58	
						268						264	
6	166	229	467	5	192 140	52	219	517	520	5	246 192	54	
						320						318	
7	139	447	440	5	144 134	10	169	111	470	5	175 163	12	
						330						330	
												330	B.M. 125-2
B.M. 125-2												660	PEARBLOSSOM HWY. & CULVERT #0.84
													SEE F.B. 3730-89
	1539	856					779	999					
	779	999											
	+759	857											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 114 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-3-72

INDEXED G. D. BAILEY DATE

T=76°

WEATHER SUNNY

TIME 2:45 TO

NOTES CHKD. L. R. M.

INST. NO 96716

ROD NO 1713 A4

DATE 21 NOV 72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.125-2 TO B.M.125-1
B.M.125-2													B.M.125-2
1	246	358	547	5	285 207	78	176	018	477	5	213 139	74	PEAR BLOSSOM HWY. & CULVERT # 0.84
													SEE F.B. 3730-89
2	45	609	346	5	84 6	78	270	198	571	5	309 231	78	
						156						152	
3	20	332	321	5	450 220	80	289	681	590	5	289 247	84	
						236						236	
4	24	711	325	5	158 224	68	274	051	575	5	309 241	68	π MALDONADO
						304						304	
5	104	648	405	5	116 92	24	191	669	492	5	204 178	26	
						328						330	
B.M.125-1												328	B.M.125-1
	441	658					201	617				658	~~B.M.1~~
							441	658					PEAR BLOSSOM HWY. & BR # B-1269
							759	959					SEE F.B. 3730-87

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHANGED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER DATE 11-1-72 WEATHER Sunny Clouds Wind INST. NO. 86746

NOTES BY T. OKASHI TIME 11:00 - 11:35 ROD NO. 1713A

INDEXED L. R. M. DATE 21 NOV 72 NOTES CHKD. D. BAILEY DATE NOV 15 19

T=64° F.B. 2846 PG. 115

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 125-2 TO B.M. 125-2A
B.M. 125-2													B.M. 125-2
1	* 18	999	319	5	½ 44/18	52	290	291	591	5	½ 290/264	52	PEARBLOSSOM Hwy & CULVERT # 0.84
													SEE F.B. 3730-~~88~~ 89
2	14	870	315	5	24	20	276	943	577	5	289/263	26	
						72						78	
3.	15	300	316	5	32/2	34	300	520	601	5	½ 300/285	30	⊼ R. SIEMANN
						106						108	
4.	11	363	312	5	½ 28/11	34	296	113	597	5	½ 296/280	32	
						140						140	
5.	15	659	316	5	½ 34/15	38	272	877	573	5	291/253	38	
						178						178	
6.	29	520	330	5	49/9	40	271	771	572	5.	291/251	40	
						218						218	
7.	131	321	432		134/128	6	188	668	489		191/185	6	
						224						224	
B.M. 125-2A												224	B.M. 125-2A (WATER RESOURCES 3496A 1971)
	237	032					1897	183				448	PEARBLOSSOM Hwy AT. N.W. COR. OF
							237	032					AQUEDUCT BRIDGE.
							1660	151					SEE F.B. 3730-90

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.125-2A TO B.M.125-2
B.M.125-2A													B.M.125-2A (WATER RESOURCES 3496A 19
1	296	068	597	5	½ 296 279	34	47	770	348	5	65 29	36	PEARBLOSSOM HWY & N.W. COR. OF.
													AQUEDUCT BRIDGE
2	286	901	587	5	303 269	34	61	779	362	5	78 44	34	SEE F.B. 3730-90
						68						70	
3	248	868	549	5	262 234	28	44	569	345	5	58 30	28	
						96						98	⊼ R. SIEMANN
4	301	810	602	5	½ 301 288	26	26	549	327	5	41 11	30	
						122						128	
5.	298	440	599	5	½ 298 283	30	42	805	343	5	54 30	24	
						152						152	
6	285	669	586	5	300 270	30	41	850	342	5	56 26	30	
						182						182	
7	289	619	590	5	289 270	34	82	055	383	5	99 65	34	
						220						216	
B.M.125-2						2						220	B.M.125-2
	2007	375					347	377				436	PEARBLOSSM HWY & CULVERT #0.84
	347	377											SEE F.B. 3730-89
	+1659	998											

F.B. 2846 PG. 116

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET.

SURVEY BY G.E. DREIER NOTES T. OHASHI 11-3-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR T=78°

TIME 2:10 - 2:45

NOTES CHKD. L.R.M.

INST. NO. 96716

ROD NO. 1713A

DATE 21 NOV 72

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 125-2A TO B.M. 125-3
BM 125-2A													B.M. 125-2A (WATER RESOURCES 349.6A 1921)
1	48	466	349	5	½ 60 48	24	285	419	586	5	298 272	26	PEARBLOSSM HWY & N.W. COR OF AQUEDUCT BRIDGE.
2	32	042	333	5	44 20	24 48	285	578	586	5	297 273	24 50	SEE F.B. 3730-90
3	24	480	325	5	38 10	28 76	280	908	581	5	293 267	26 76	R. SIEMANN.
4.	186	429	487	5	189 183	6 82	137	001	438	5	139 135	4 80	
BM 125-3												82	B.M. 125-3
	291	417					988	906				162	PEARBLOSSOM HWY. N.E. OF AQUEDUCT. BR.
							291	417					SEE F.B. 3730-91
							697	489					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY T. OKASHI DATE 11-1-72

INDEXED L. R. M. DATE 21 NOV 72

WEATHER Scat Clouds-Windy INST. NO. 96716

TIME 11:35 - 11:50 ROD NO. 1713A

NOTES CHK. G. D. BAILEY DATE NOV 15 19

T=64°

F.B. 2846 PG. 117

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 125-3 TO B.M. 125-2A
B.M. 125-3													B.M. 125-3
1	297	000	598	5	297 274	46	9	809	310	5	½ 27 9	36	PEARBLOSSM HWY. N.E. OF AQUEDUCT BRIDGE
													SEE F.B. 3730-91
2	284	875	585	5	295 273	22	8	522	309	5	½ 24 8	32	
						68						68	⊼ R. SIEMANN
3	213	962	514	5	219 207	12	79	999	380	5	½ 85 73	12	
						80						80	
B.M. 125-2A												80	B.M. 125-2A (STATE RESOURCE 349.6A 1971)
	795	837					98	330				160	PEARBLOSSM HWY N.W. COR. OF
	98	330											AQUEDUCT BRIDGE
	+697	507											SEE F.B. 3730-90

F.B. 2846 PG. 118

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET.

SURVEY BY G.E. DREIER NOTES T. OHASHI 11-3-72

INDEXED G. D. BAILEY DATE

WEATHER T=80° CLEAR

TIME 2:05 - 2:10

NOTES CHKD L. R. M.

INST. NO. 96716

ROD NO. 1713 A

DATE 21 NOV '72

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 11-1-72

INDEXED L. R. M. DATE 21 NOV 72

WEATHER Scat. Cloud - Wind T=63°

TIME 1:00 - 1:25

NOTES CHKD G. D. BAILEY DATE NOV 15 19

INST. NO. 96716

ROD NO. 1713A

F.B. 2846 PG. 119

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 125-3 TO B.M. 125-4
BM. 125-3													B.M. 125-3
1	22	431	323	5	1/2 32 22	20	295	438	596	5	1/8 305 285	20	PEARBLOSSM HWY. & N.E. AQUEDUCT BR
													SEE F.B. 3730-91
2	20	299	321	5	25 15	10	217	946	518	5	223 211	12	
						30						32	
3.	4	909	305	5	1/2 16 4	24	293	580	594	5	306 280	26	⊼ R. SIEMANN
						54						58	
4.	67	540	368	5	76 58	18	206	230	507	5	213 199	14	
						72						72	
BM 125-4												72	BM. 125-4 (U.S.C.&G.S. P-1045-1960)
	114	179					1013	194				144	PEARBLOSSM HWY & BARREL SPRING RD.
	5						115	179					SEE F.B. 3730-93
							898	015					
	T= 70° DATE 11-6-72						RE-RUN SCAT. CLOUDS. TIME						
B.M. 125-3													B.M. 125-3
1	40	870	341	5	46 34	12	227	713	528	5	233 221	12	
2.	35	568	336	5	45 25	20	291	490	592	5	301 281	20	
						32						32	
3.	24	251	325	5	35 13	22	275	590	576	5	285 266	20	
						54						52	
4.	59	030	360	5	69 49	20	262	903	563	5	274 250	24	
						74						76	
B.M. 125-4												74	
	159	719					1057	696				150	
							159	719					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 1713 A4 DATE 21 NOV 72

WEATHER CLEAR T=82° TIME 1:50 - 2:05 NOTES CHKD. L. R. M.

JOB NO. 030102 NOTES T. OHASHI 11-3-72 DATE

SURVEY OF L.A. Co. PRECISE LEVEL NET. SURVEY BY G.E. DREIER INDEXED G.D. BAILEY

F.B. 2846 PG. 120

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 125-4 TO B.M. 125-3
B.M. 125-4													B.M. 125-4
1	257	682	558	5	274 / 240	34	6	174	307	5	21 / 22	30	PEARBLOSSM Hwy & BARREL SPRING RD
													SEE F.B. 3730-93
2	295	820	596	5	306 / 284	22	33	768	334	5	43 / 23	20	
						56						50	
3	290	100	591	5	300 / 280	20	38	111	339	5	49 / 27	22	R. SIEMANN
						76						72	
4	201	170	502	5	204 / 198	6	68	840	369	5	22 / 22	8	
						82						80	
B.M. 125-3												82	B.M. 125-3
	1044	772					146	893				162	PEARBLOSSM Hwy N.E. OF
	146	893											AQUEDUCT BRIDGE
	+ 897	879											SEE F.B. 3730-91
							RE-RUN						
	T = 66° SEAT. CLOUDS TIME 11:40 12:00 DATE 11-6-72												
B.M. 125-4													B.M. 125-4
1.	297	516	598	5	1/2 291 / 282	30	6	550	307	5	1/2 20 / 26	28	
2.	291	180	592	5	301 / 281	20	22	600	323	5	33 / 4	22	
						50						50	
3.	285	906	586	5	295 / 275	20	28	461	329	5	37 / 19	18	
						70						68	
4.	209	121	510	5	211 / 207	4	128	171	429	5	130 / 126	4	
						74						72	
												74	
	1083	723					185	782				146	
	185	782											
+	897	941											

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 125-4 TO B.M. 125-5
B.M. 125-4													B.M. 125-4 (USC&GS. P-1045 1960)
1.	27	632	328	5	43 / 11	32	229	371	530	5	245 / 213	32	PEARBLOSSM HWY & BARREL SPRING RD.
													SEE F.B. 3730-93
2.	97	331	398	5	139 / 64	66	233	721	534	5	269 / 197	72	
						98						104	
3.	70	291	371	5	111 / 29	82	238	700	539	5	280 / 196	84	⊼ R. SIEMANN
						180						188	
4	136	900	437	5	178 / 94	84	105	188	406	5	144 / 66	78	
						264						266	
5	219	643	520	5	261 / 177	84	103	490	404	5	145 / 61	84	
						348						350	
6.	146	403	447	5	174 / 118	56	127	833	428	5	156 / 98	58	
						404						408	
B.M. 125-5												404	B.M. 125-5
	~~480~~	~~225~~					~~1244~~	~~517~~				812	PEARBLOSSM HWY & 0.5 MI. EASTERLY OF
	698	200					~~480~~	~~225~~					BARREL SPRING RD. INT.
							~~864~~	~~292~~					SEE F.B. 3730-95
							1038	307					
							698	200					
							340	103					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. PREIER

NOTES BY T. OHASHI DATE 11-1-72

INDEXED L.R.M. DATE 21 NOV 72

WEATHER SCAT CLOUDS-WIND INST. NO. 967W

TIME 1:25 - ROD NO. 1713A

NOTES CHKD G.D. BAILEY DATE NOV 15 19

T=64°

F.B. 2846 PG. 124

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 125-5 TO B.M. 125-4
B.M. 125-5													B.M. 125-5
1	132	941	433	5	166 / 98	68	163	692	464	5	196 / 130	66	PEARBLOSSM HWY 0.5 M. EASTERLY O
													BARREL SPRING RD. INT.
2	101	988	402	5	~~141~~	80	212	860	513	5	252 / 172	80	SEE F.B. 3730-95
						148						146	
3	100	~~947~~ 843	401	5	140 / 60	80	114	531	415	5	155 / 73	82	
						228						228	⊼ R. SIEMANN
4	237	250	538	5	277 / 197	80	73	439	374	5	113 / 33	80	
						308						308	
5	221	201	522	5	256 / 186	70	82	565	383	5	118 / 46	72	
						378						380	
6.	262	299	563	5	277 / 247	30	69	903	370	5	82 / 56	26	
						408						406	
B.M. 125-4												408	B.M. 125-4
	1056	522					716	990				814	PEARBLOSSM HWY & BARREL SPRING RD.
	716	990											SEE F.B. 3730-93
	+339	532											

F.B. 2846 PG. 122

JOB NO. 030602

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 11-3-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR INST. NO. 96-716

TIME 1:20 - 1:50 ROD NO. 1713A&1

NOTES CHKD. I R.M. DATE 21 NOV 72

T = 80°

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR COLLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREVER
NOTES BY T. OKASHI DATE 11-6-72
INDEXED L. R. M. DATE 21 NOV '72
WEATHER Scat. Clouds T=56° INST. NO. 96744
TIME 10:45 - 11:10 ROD NO. 171344
NOTES CHKD G. D. BAILEY DATE NOV 15
F.B. 2846 PG. 123

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 125-4 TO B.M. 125-5
B.M. 125-4													B.M. 125-4
1	15	520	316	5	½ 33 / 15	36	248	058	549	5	266 / 230	36	PEARBLOSSM HWY & BARREL SPRING RD. SEE F.B. 3730-93
2	88	900	389	5	130 / 46	84	241	377	542	5	284 / 198	86	
3.	88	458	389	5	124 / 52	120 / 72	232	980	533	5	268 / 196	122 / 72	⊼ R. SIEMANN RE-RUN
4.	169	999	470	5	205 / 133	192 / 72	105	511	406	5	140 / 70	194 / 70	
5.	207	391	508	5	243 / 171	264 / 72	114	209	415	5	150 / 78	264 / 72	
6.	172	602	473	5	206 / 138	336 / 68	140	550	441	5	174 / 106	336 / 68	
						404						404	
B.M. 125-5												404	B.M. 125-5
	742	870					1082	685				808	PEARBLOSSM. HWY 0.5 MI. EASTERLY OF BARREL SPRING RD. SEE F.B. 3730-95
							742	870					
							339	815					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM.125-5 TO BM.125-4
BM.125-5													B.M. 125-5
1	142	170	443	5	177 / 107	70	174	321	475	5	207 / 141	66	PEARBLOSSM HWY. 0.5 MI. EASTERLY
													BARREL SPRINGS RD.
2	109	450	410	5	144 / 74	70	208	798	509	5	243 / 173	70	SEE F.B. 3730-95
						140						136	
3	111	519	412	5	146 / 76	70	173	732	474	5	208 / 138	70	
						210						206	R. SIEMANN RE-RUN
4	231	519	532	5	267 / 195	72	96	093	397	5	130 / 62	68	
						282						274	
5	239	800	540	5	274 / 204	70	92	541	393	5	132 / 52	80	
						352						354	
6.	234	777	535	5	259 / 209	50	6	362	307	5	131 / 26	50	
						402						404	
7.	170	610	471	5	172 / 168	4	148	348	449	5	149 / 147	2	
						406						406	
B.M. 125-4												406	B.M. 125-4
	1239	845					900	195				812	PEARBLOSSM HWY & BARREL SPRINGS RD
	900	195											SEE F.B. 3730-93
+	339	650											

F.B. 2846 PG. 124

SURVEY OF L.A.Co. PRECISE LEVEL NET. JOB NO. 030102

SURVEY BY G.E. DREIGA NOTES T. OHASHI 11-6-72

INDEXED G.D. BAILEY DATE

WEATHER Seat. Clouds T=68° INST. NO. 9676

TIME 11:10 - 11:35 ROD NO. 7134 & 21 NOV 72

NOTES CHKD L.R.M. DATE

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM125-5 TO BM125-6
BM 125-5													BM 125-5
1	68	397	369	5	80 56	24	180	711	481	5	193 167	26	Pearblossom Hwy. & 200 Ft ± E. of Culvert #1.73 See F.B. 3730-95
2	49	750	350	5	72 26	46	252	833	553	5	276 228	48	
3	18	573	319	5	39½ 18½	70 42	290	015	591	5	290½ 271	74 38	π- T. Ohashi
4	30	791	331	5	44 16	112 28	272	928	573	5	285 159	112 26	
5	50	810	351	5	66 34	140 32	248	333	549	5	264 232	138 32	
6	26	080	327	5	42 10	172 32	286	325	587	5	302 270	170 32	
7	47	212	348	5	63 31	204 32	269	050	570	5	286 252	202 34	
8	9	730	310	5	29½ 9½	236 40	292	498	593	5	292½ 272½	236 40	
9	40	118	341	5	59 21	276 38	256	654	557	5	275 237	276 38	
10	87	468	388	5	100 74	314 26	23~~4~~3	090	534	5	246 220	314 26	
11	162	275	463	5	164 160	350 4 4	90	850	391	5	92 88	340 4	
						344						344	
	591	204					267~~4~~3	287				344 688	
BM 125-6							591	204					BM 125-6
							208~~3~~2	083					Pearblossom Hwy. & 175 ± E'ly. of Culvert 2.16 See F.B. 3730-97

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-1-72

INDEXED L.R.M. DATE 21 NOV 72

WEATHER Cloudy & Windy

TIME 2:00 to 2:50

NOTES CHKD G.D. BAILEY

F.B. 2846 PG. 125

T-64'

INST. NO. 96 71

ROD NO. 1713A

DATE NOV 15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 126 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-3-72

INDEXED G.D. BAILEY DATE

WEATHER Sunny & Cal INST. NO. 96716

TIME 11:25 to 12:10 ROD NO. 27346

NOTES CHKD L. R. M. DATE 21 NOV 72

T 80°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 125-6 TO B.M 125-5
BM 125-6													BM 125-6
1	144	131	445	5	155 133	22	104	963	405	5	115 93	22	Pearblossom Hwy. & 175 Ft. E'ly. of Culvert 2.16
2	271	170	572	5	294 248	46	9	901	310	5	321 92	46	See F.B. 3730-
3	290	436	591	5	290 1 269 1/2	68 42	8	378	309	5	281 82	68 40	
4	295	894	596	5	295 1 276 1/2	110 38	10	159	311	5	291 102	108 38	
5	301	613	602	5	301 1 282 1/2	148 38	13	984	314	5	331 132	146 40	T. T. Ohashi
6	293	180	594	5	293 1 275 1/2	186 36	21	272	322	5	39 3	186 36	
7	300	382	601	5	300 1 282 1/2	222 36	24	233	325	5	43 5	222 38	
8	281	300	582	5	281 1/2 258 1/2	258 46	53	605	354	5	76 30	260 46	
9	200	698	501	5	215 185	304 30	119	852	420	5	134 104	306 30	
10	178	562	479	5	181 175	334 6	108	978	409	5	110 106	336 4	
						340						340	
												340	
	2557	366					475	325				680	
	475	325											
BM 125-5	+2082	041											BM 125-5
													Pearblossom Hwy. & 200 Ft. ± E'ly of Culvert 1.73
													See F.B. 3730-95

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-2-72
INDEXED L R M DATE 21 NOV 72
WEATHER Sunny & Breezy
TIME 9:25 to 10:00
NOTES CHKD G.D. BAILEY DATE NOV 15 19
INST. NO. 9671
ROD NO. 7138
F.B. 2846 PG. 127

T-66°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 125-6 TO BM 125-7
BM 125-6													BM 125-6
1	26	893	327	5	50 2	48	262	670	563	5	286 238	48	Pearblossom Hwy., & 175± E'ly of Culvert 2.16
2	40	65 845	341	5	72 8	64	276	938	577	5	276 244	64	See F.B. 3730-97
3	51	785	352	5	86 16	112 70	223	888	524	5	258 88	112 70	
4	86	085	387	5	123 49	182 74	226	420	527	5	263 189	182 74	T. Ohashi
5	62	439	363	5	100 24	256 86	222	690	523	5	259 285	256 74	
6	68	163	369	5	106 30	332 76	201	490	502	5	238 164	230 74	
7	172	738	473	5	191 153	408 38	141	810	442	5	163 119	404 44	
						446						448 446	
	508	748					1555	906				894	
							508	748					
							1047	158					
BM 125-7													BM 125-7 Pearblossom Hwy. @ Culvert 2.64 See F.B. 3730-99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 128 JOB NO. 0301.02 SURVEY OF L.A.Co. Precise Level Net SURVEY BY Dreier NOTES Maldonado 11-3-72 INDEXED G.D. BAILEY DATE

T-80°

WEATHER Sunny & Calm INST. NO. 96716 TIME 10:55 to 11:20 ROD NO. 1713A NOTES CHKD. L R M DATE 21 NOV 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 125-7 TO BM 125-6
BM 125-7	2 3												BM 125-7
1	258	490	559	5	294 222	72	91	635	392	5	127 55	72	Pearblossom Hwy., @ Culvert 2.6
													See F.B. 3730-99
2	236	660	537	5	274 198	76	64	554	365	5	102 26	76	
3	2 1 10	000	512	5	247 175	148 72	80	550	381	5	114 46	148 68	π- T. Ohashi
4	229	145	530	5	261 197	220 64	47	534	348	5	78 16	216 62	
5	279	595	580	5	279 250	284 58	33	763	334	5	61 5	278 56	
6	212	940	513	5	226 198	342 28	63	146	364	5	81 45	334 36	
						370						370	
												370	
	1427	830					381	182				740	
	381	182											
	+1046	648											
BM 125-6													BM 125-6
													Pearblossom Hwy. & 175' Ft ± E of Culvert 2.16
													See F.B. 3730-97

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 125-6 TO BM 125-7
BM 125-6									B.M. 125-6
1	25	245	326 5	50 0 50	260	533	561 5	284 236 48	Pearblossom Hwy. & 175 Ft.± Ely.
2	21	670	322 5	57½ 21½ 72	288	526	589 5	288½ 252½ 72	of Culvert 2.16 See F.B. 3730-97
3	57	407	358 5	98 16 122 82	237	356	538 5	279 195 120 84	
4	69	398	370 5	111 27 204 84	236	080	537 5	278 194 204 84	T- T. Ohashi
5	66	057	367 5	106 26 288 80	264	312	565 5	264½ 223½ 288 82	Re-Run
				368				370 368	
	239	777			1286	807		738	
					239	777			
					-1047	030			
BM 125-7									B.M. 125-7 Pearblossom Hwy. @ Culvert 2.64 See F.B. 3730-99

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-6-72
INDEXED L.R.M. DATE 21 NOV '72
WEATHER Hazy Sun Cloudy
TIME 1:35 to 2:05
NOTES CHKD G.D. BAILEY DATE NOV 15
INST. NO. 9671
ROD NO. 1713A
F.B. 2846 PG 129
T-84°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 130 — SURVEY OF L.A.Co. Precise Level Net — SURVEY BY Dreier — NOTES Maldonado 11-6-72 — INDEXED G. D. BAILEY — DATE — JOB NO. 0301.02 — T- & 74°

WEATHER Hazy Sun Cloudy — TIME 2:05 to 2:35 — NOTES CHKD L. R. M. — INST. NO. 96716 — ROD NO. 1713A & — DATE 21 NOV '72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 125-7 TO BM 125-6
BM 125-													BM 125-7
1	253	932	554	5	294 212	82	55	810	356	5	95 15	80	Pearblossom Hwy. @ Culvert 2.6[illegible]
													see F.B. 3730-99
2	236	030	537	5	277 195	82	74	630	375	5	114 34	80	
3	229	672	530	5	269 189	164 80	58	930	359	5	98 18	160 80	T - T. Ohashi
4	262	610	563	5	295 229	244 66	29	670	330	5	61½ 29½	240 64	Re-Run
5	266	867	567	5	292 240	310 52	78	329	379	5	103 53	304 50	
6	179	529	480	5	182 176	362 6	84	575	385	5	90 78	354 12	
						368						366 368	
	1428	630					381	944				784 3	
	381	944											
BM 125-6	+1046	686											BM 125-6
													Pearblossom Hwy. & 175 Ft. ± E'ly of Culvert 2.16
													see F.B. 3730-97

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR COLLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-8-72
INDEXED L.R.M. DATE 21 NOV '72
WEATHER Sunny & Wind
TIME 9:50 to 10:15
NOTES CHKD G.D. BAILEY DATE NOV 15 19
INST. NO. 9671
ROD NO. 1713A
F.B. 2846 PG. 131
T-52°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 125-6 TO BM 125-7
BM 125-6									BM 125-6
1	12	255	313 5	40 1/2 56	276	478	577 5	304 248 56	Pearblossom Hwy. & 175 Ft. ± E'ly. of Culvert 2.16
2	16	518	317 5	45 1/2 58	239	713	540 5	268 210 58	See F.B. 3730-97
3	67	855	368 5	104 114 30 74	237	354	538 5	275 114 199 ~~36~~ 76	J.M.M. Dreier
4	100	155	401 5	131 188 69 62	217	954	518 5	248 190 186 62	~~T. Ohashi~~
5	104	407	405 5	135 250 73 62	260	052	561 5	291 252 229 62	2nd Re-Run
6	111	140	412 5	138 312 84 54	228	403	529 5	255 314 201 54	
				366				368	
								366	
	312	330			1459	954		734	
	4				4 312	330			
					1047	624			
BM 125-7									BM 125-7 Pearblossom Hwy., & Culvert 2.64 See F.B. 3730-99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 132 — SURVEY OF L.A.Co. Precise Level Net — SURVEY BY Dreier — NOTES Maldonado 11-8-72 — INDEXED G. D. BAILEY — DATE — JOB NO. 0301.02 — T-60

WEATHER Sunny & Windy — TIME 10:15 to — NOTES CHKD L. R. M. — DATE 21 NOV 72 — ROD NO. 1713 AE — INST. NO. 96716

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM125-7 TO BM125-6
BM125-7													BM125-7
+	~~250~~	~~043~~	~~551~~	~~5~~	~~286~~ ~~214~~	~~72~~	~~82~~		~~38~~	~~5~~	118		Pearblossom Hwy. @ Culvert 2.6
1	249	998	550	5	285 213	72	82	589	383	5	46	72	See F.B. 3730-99
2	211	610	512	5	245 177	68	66	683	367	5	99 33	66	Dreier
3	217	342	518	5	250 184	140 66	89	195	390	5	121 57	138 64	X- ~~T. Ohashi~~
4	234	590	535	5	269 199	206 70	45	383	346	5	78 12	202 66	2nd Re-Run
5	283	015	584	5	283 249	276 68	3	621	304	5	40 3½	268 74	
	11	96	555				287	471					
6	226	470	527	5	240 212	344 28	88	330	389	5	101 75	342 26	
						372						368 372	
	1423	025					375	801				740	
	375	801											
	+1047	224											
BM125-6													BM125-6
													Pearblossom Hwy. & 175 Ft. ± E'ly. of Culvert 2.16
													See F.B. 3730-97

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. Dreier DATE 11-8-72 WEATHER Sun & Wind INST. NO. 9671

NOTES BY Maldonado TIME 11:10 to 11:35 ROD NO. 1713

INDEXED L. R. M. DATE 21 NOV '72 NOTES CHKD D. BAILEY DATE NOV 15 197

T-68°

F.B. 2846 PG. 133

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 125-6 TO BM 125-7
BM 125-6													BM 125-6
1	25	772	326	5	51½ / 25 2	52	258	858	559	5	283 / 232	51	Pearblossom Hwy. & 175 ft ± E'ly. of Culvert 2.16
2	25	405	326	5	51 / -1 / 9 / 52	52 / 104	246	780	547	5	271 / 221	50	See F.B. 3730-97
3	49	836	350	5	6	86	239	189	540	5	281 / 197	101 / 84	
4	84	679	385	5	117 / 51	190 / 66	211	441	512	5	244 / 178	185 / 66	T-Dreier
5	90	227	391	5	115 / 65	256 / 50	201	148	502	5	226 / 176	251 / 50	3rd Re-Run
6	81	672	382	5	113 / 49	306 / 64	247	275	548	5	281 / 212	301 / 69	
						370						370	
												370	
	357	591					1404	691				740	
							357	591					
							1047	100					
BM 125-7													BM 125-7 Pearblossom Hwy. @ Culvert See F.B. 3730-99 2.64

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM125-7 TO BM125-6
BM125-7									BM125-7
1	265	681	566 5	308 222 86	58	502	359 5	101 15 86	Pearblossom Hwy. @ Culvert 2.0
									see F.B. 3730-99
2	240	425	541 5	283 197 86	74	468	375 5	115 33 82	
				172				168	
3	251	855	552 5	296 206 90	39	233	340 5	83½ 39½ 88	
				262				256	
4	277	913	578 5	277½ 244½ 66	16	983	317 5	51½ 16½ 70	π - Dreier
				328				326	3rd Re-Run
5	255	995	556 5	275 235 40	55	878	356 5	75 35 40	
				368				366	
								368	
	1291	869			24~~4~~5	~~8~~64		~~4~~34	
	24~~4~~5	~~8~~64						7	
	+104~~7~~6	805							
BM125-6									BM125-6
									Pearblossom Hwy. & 175 Ft.± E'ly of Culvert 2.16
									see F.B. 3730-97

T-68°

WEATHER Sun & Wind INST. NO. 96716

TIME 11:35 to 12:00 ROD NO. 1713 A&E

NOTES CHKD L. R. M. DATE 21 NOV '72

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-8-72

INDEXED G. D. BAILEY DATE

F.B. 2846 PG. 134

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 64°

SURVEY BY G.E. DREIER WEATHER BREEZE INST. NO 26716

NOTES BY SIEMANN TIME 10:20 TO 10:40 ROD NO 17134

INDEXED L.R.M. DATE 11-2-72 F.B. 2846 PG. 135

DATE 21 NOV 72 NOTES CHKD. D. BAILEY NOV 15 1972

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 125-7 TO B.M. 125-8
B.M. 125-7													B.M. 125-7
1	107	688	408	5	149 65	84	158	768	459	5	202 114	88	PEARBLOSSOM HWY. & CULVERT #2.64
													SEE F.B. 3730-99
2	151	440	452	5	193 109	84	155	782	456	5	194 116	78	
						168						166	
3	97	792	398	5	136 58	78	157	966	458	5	196 118	78	T = MALDONADO
						246						244	
4	149	922	450	5	156 142	14	129	710	430	5	137 121	16	
						260						260	
B.M. 125-8												260	B.M. 125-8
	506	842					602	226				520	PEARBLOSSOM HWY. & CULVERT #2.95
							506	842					SEE F.B. 3730-101
							95	384					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.125-8 TO B.M.125-7
B.M.125-8													B.M.125-8
1	147	832	448	5	185 109	76 5	117	475	418	5	154 80	74	PEARBLOSSOM HWY. & CULVERT #2.95
													SEE F.B. 3730-101
2	163	871	464	5	199 127	72	164	386	465	5	200 128	72	
						148						146	
3	167	919	468	5	204 130	74	125	749	426	5	163 87	76	T = MALDONADO
						222						222	
4	178	821	479	5	194 162	32	155	390	456	5	171 139	32	
						254						254	
B.M.125-7												254	B.M.125-7
	658	443					563	000				508	PEAR BLOSSOM HWY. & CULVERT #2.6
	563	000											SEE F.B. 3730-99
	+ 95	443											

F.B. 2846 PG. 136 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY D. REIER NOTES SIEMANN 11-3-72

INDEXED G. D. BAILEY DATE

T = 78

WEATHER CLEAR INST. NO. 96716

TIME 10:40 TO ROD NO. 1713AB

NOTES CHKD L. R. M. DATE 21 NOV 72

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 125-8 TO B.M. 125-9
B.M. 125-8									B.M. 125-8
1	88	734	389 5	127 49 78	207	262	508 5	246 168 78	PEARBLOSSOM HWY. & CULVERT #2.95
									SEE F.B. 3730-101
2	64	653	365 5	102 26 76	240	886	541 5	277 203 74	
				154				152	
3	56	742	357 5	95 17 78	215	271	516 5	254 176 78	
				232				230	
4	101	749	402 5	140 62 78	184	843	485 5	223 145 78	π = MALDONADO
				310				308	
5	118	892	419 5	157 79 78	168	936	469 5	207 129 78	
	438	770		388	1017	198		386	
6	108	889	409 5	151 65 86	164	084	465 5	208 120 88	
				474				474	
B.M. 125-9								474	B.M. 125-9
	539	659			1181	282		948	PEARBLOSSOM HWY. & 47TH ST. E.
					539	659			SEE F.B. 3730-103
					641	623			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=64
SURVEY BY G.E. DREIER WEATHER LT. BREEZE INST. NO. 96716
NOTES BY SIEMANN DATE 11-2-72 TIME 10:45 TO 11:10 ROD NO. 1713 A
INDEXED L.R.M. DATE 21 NOV 72 NOTES CHKD G.D. BAILEY DATE NOV 15 1972

F.B. 2846 PG. 137

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2846 PG. 128 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DEELER NOTES SIEMANN 11-3-72

INDEXED G.D. BAILEY DATE

T = 74°

WEATHER CLEAR INST. NO. 96716

TIME 10:15TO 10:35 ROD NO. 171345

NOTES CHKD L.R.M. DATE 21 NOV 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.125-9 TO B.M-125-8
B.M.125-9													B.M.125-9
1	146	188	447	5	189 / 103	86	125	770	426	5	168 / 82	86	PEARBLOSSOM HWY. & 47TH ST. E.
													SEE F.B. 3730-103
2	186	950	487	5	224 / 148	76	111	760	412	5	148 / 74	74	
						162						160	
3	185	071	486	5	223 / 147	76	115	452	416	5	152 / 78	74	
						238						234	
4	225	272	526	5	260 / 190	70	60	462	361	5	95 / 25	70	
						308						304	T = MALDONADO
5	228	500	529	5	264 / 192	72	71	197	372	5	107 / 35	72	
						380						376	
6	203	381	504	5	242 / 164	78	90	671	391	5	128 / 51	77	
	1173	362				458	575	312				453	
7	155	938	456	5	163 / 147	16	114	452	415	5	124 / 104	20	
						474						473	
												474	B.M.125-8
B.M.125-8	3											947	PEARBLOSSOM HWY. & CULVERT # 295
	329	300					689	764					SEE F.B. 3730-101
	689	764											
	1639	536											
	41												

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 68°

SURVEY BY G. E. DREIER WEATHER CLEAR INST. NO. 26716

NOTES BY SIEMANN DATE 11-2-72 TIME 11:10 TO ROD NO. 17034

INDEXED L. R. M. DATE 21 NOV 72 NOTES CHKD. D. BAILEY DATE NOV 15 197

F.B. 2846 PG. 139

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M.125-9 TO B.M.125-10
B.M.125-9											B.M.125-9
1	103	586	404	5	141 65 76	173	479	474	5	211 135 76	PEARBLOSSOM HWY. & 47TH ST. E.
											SEE F.B. 3730-103
2	113	648	414	5	152 74 78	184	877	485	5	223 145 78	
3	126	721	427	5	168 84 84 154	177	660	478	5	218 136 82 154	
4	112	726	413	5	155 69 86 238	185	049	486	5	229 141 88 236	T = MALDONADO
	456	681			324	721	065			324	
5	119	632	420	5	160 78 82	166	752	467	5	206 126 80	
					406					404	
B.M.125-10										406	B.M.125-10
	576	313				887	817			810	PEARBLOSSOM HWY. & CULVERT T 4.04
						576	313				SEE F.B. 3730-105
						311	504				

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 125-10 TO B.M. 125-9
B.M. 125-10									B.M. 125-10
1	157	655	458 5	192 122 70	120	438	421 5	156 84 72	PEARBLOSSOM HWY. & CULVERT #4.04
									SEE F.B. 3730-105
2	174	428	475 5	212 136 76	119	890	420 5	157 81 76	
				146				148	
3	181	843	482 5	221 141 80	122	830	423 5	161 83 78	
				226				226	
4	188	500	489 5	230 146 84	122	273	423 5	164 80 84	T = MALDONADO
				310				310	
5	181	470	482 5	222 140 82	116	141	417 5	155 77 78	
	883	896		392	601	572		388	
6	162	238	463 5	171 153 18	132	987	433 5	141 123 18	
				410				406	
B.M. 125-9								410	B.M. 125-9
	1046	134			734	559		816	PEARBLOSSOM HWY. & 47TH ST. E
	734	559							SEE F.B. 3730-103
	+311	575							

T = 82°

WEATHER HAZY SUN INST. NO. 96716

TIME 2:30 TO 2:50 ROD NO. 1713 A-B

NOTES CHKD. L. R. M. DATE 21 NOV '72

F.B. 2846 PG. 140 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-2-72

INDEXED G.D. BAILEY DATE

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 11-2-72 WEATHER T=66° CLEAR INST. NO. 9171

INDEXED L.R.M. DATE 21 NOV '72 TIME 11:45 - 12:00 ROD NO. 1138

NOTES CHKD. D. BAILEY DATE NOV 15 1972

F.B. 2846 PG. 74

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 125-10 TO B.M. 106-13
BM.125-10													B.M. 125-10
1.	123	461	424	5	168/78	90	160	330	461	5	204/116	88	PEARBLOSSOM HWY & CULVERT #4.04
													SEE F.B. 3730-105
2.	144	713	445	5	184/104	80	166	900	467	5	206/126	80	
						170						168	
3.	193	599	494	5	234/152	82	84	665	385	5	124/44	80	⊼ R. SIEMANN
						252						248	
4.	167	868	468	5	190/124	46	113	323	414	5	137/89	48	
						298						296	
B.M. 106-13												298	B.M. 106-13
	629	641					525	218				594	PEARBLOSSOM HWY & STATE HWY #138
	525	218											SEE F.B. 2418-20
+	104	423											

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F.B. 2846 PG. 142 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET.

SURVEY BY G.E. DREIER NOTES T. OHASHI 11-2-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR INST. NO. 96716

TIME 2:06 – 2:20 ROD NO. 1713 & 18

NOTES CHKD L.R.M. DATE 21 NOV 72

T=72°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 106-13 TO BM 125-10
B.M. 106-13													B.M. 106-13
1	147	811	448	5	178 116	62	248	518	549	5	279 217	62	PEARBLOSSM HWY & STATE HWY #138
													SEE F.B. 2418-20
2	104	142	405	5	139 69	70	167	540	468	5	202 132	70	
						132						132	
3	159	507	460	5	194 124	70	141	450	442	5	177 105	72	K. R. SIEMANN
						202						204	
4	165	390	466	5	200 130	70	145	278	446	5	180 110	70	
						272						274	
5	162	673	463	5	177 147	30	141	070	442	5	156 126	30	
						302						304	
B.M. 125-10												302	B.M. 125-10
	739	523					843	856				606	PEARBLOSSM HWY & CULVERT #4.04
							739	523					SEE F.B. 3730-105
							104	333					

76P526 CE # 308 3-61

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 106-13 TO B.M. 106-12A
B.M. 106-13													B.M. 106-13
1	71	500	372	5	111 / 31	80	270	081	571	5	1270 / 2230	80	PEARBLOSSM HWY & STATE HWY #138
													SEE F.B. 2418-20
2	93 / 92	006	394	5	128 / 58	70	231	099	532	5	267 / 195	72	
						150						152	
3	100	911	401	5	136 / 64	72	247	880	548	5	283 / 211	72	⊼ R. SIEMANN
						222						224	
4	96	436	397	5	131 / 61	70	236	401	537	5	271 / 201	70	
						292						294	
5	128	461	429	5	150 / 106	44	180	659	481	5	202 / 158	44	
						336						338	
B.M. 106-12A											336	338	B.M. 106-12A
	490	314					1166	120			674	676	STATE HWY #138
							490	314					
							675	806					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 11-2-72 WEATHER T=70° CLEAR INST. NO. 96716

INDEXED I R M DATE 21 NOV 72 TIME 1:10 ROD NO. 1713A

NOTES CHKD G. D. BAILEY DATE NOV 15 1972

F.B. 2846 PG. 143

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 106-12A TO B.M. 106-13
B.M. 106-12A													B.M. 106-12A
1	215	534	516	5	246 / 184	62	117	493	418	5	149 / 85	64	STATE HWY #138 & S.P. R.R. BRIDGE
													SEE F.B. 2443-154
2.	232	424	533	5	268 / 196	72	96	651	397	5	132 / 60	72	
						134						136	
3.	235	411	536	5	270 / 200	70	96	987	397	5	132 / 60	72	⊼ R. SIEMANN
						204						208	
4	236	939	537	5	272 / 200	72	69	029	370	5	104 / 34	70	
						276						278	
5.	257	961	558	5	287 / 227	60	122	480	423	5	152 / 92	60	
						336						338	
B.M. 106-13												336	B.M. 106-13
	1178	269					502	640				674	PEARBLOSSM HWY & STATE HWY #138
	502	640											SEE F.B. 2418-20
	+675	629											

F.B. 2846 PG. 144 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 11-2-72

INDEXED G.D. BAILEY DATE

WEATHER T=70° CLEAR INST. NO. 96716

TIME 1:35 - 2:00 ROD NO. 1713A&B

NOTES CHKD L.R.M. DATE 21 NOV '72

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]: ANY ADDITIONS OR CHANGES [illegible]IS SHEET MUST BE MADE OR C[illegible]ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 106-12A TO B.M. 106-12B
B.M. 106-12A													B.M. 106-12A
1	156	712	457	5	161 151	10	156	618	457	5	162 150	12	STATE HWY # 138 & S.P.R.R. BRIDGE
	156	618										10	SEE F.B. 2443-154
B.M. 106-12B	+ 0	094										22	
													⊼ R. SIEMANN
													B.M. 106-12B
													STATE HWY # 138 & S.P.R.R. BRIDGE
													SEE F.B. 3714-31

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 11-2-72

INDEXED I. R. M. DATE 21 NOV 72

WEATHER CLEAR T=72°

TIME 1:30 - 1:35

NOTES CHKD. G. D. BAILEY DATE NOV 15 19

INST. NO. 9671[illegible]

ROD NO. 1713A[illegible]

F.B. 2846 PG. 145

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM.106-12B TO BM.106-12A
B.M. 106-12B													B.M. 106-12B
1	154	712	455	5	160 148	12	154	808	455	5	162 148	14	STATE HWY #138 & S.P.R.R. BRIDGE
							154	712				12	SEE F.B. ~~2443-154~~ 3714-31
B.M. 106-12A							0	096				26	
													R. SIEMANN
													B.M. 106-12A
													STATE HWY #138 & S.P.R.R. BRIDGE.
													SEE F.B 2443-154

F.B. 2846 PG. 146

SURVEY OF L.A. Co. PRECISE LEVEL NET.

SURVEY BY G.E. DREIER NOTES T. OHASHI 11-2-72

INDEXED G.D. BAILEY DATE

JOB NO. 0301.02

WEATHER CLEAR T=70°

TIME 1:35 —

NOTES CHKD L.R.M.

INST. NO. 96766

ROD NO. 1713A

DATE 21 NOV 72

Notes Ck'd by	Survey of LA.Co.PRECISE LEVEL NET	F. B. 2846 PG. 151
Map No.	J.N. 0301.02 Tape Std °F.	
Office Work	Surveyed by G.E.DREIER	
Checked	Notes G.E.DREIER Date NOV.DEC.1972	
Date	Indexed G. D. BAILEY FEB 9 1973	

JOB NO. 0301.02

L.A.Co. PRECISE LEVEL NET

LINE NO. 2.01, NOV., DEC., 1972 RELEVELING.

DESCRIPTION REFERENCES

F.B. 2846-5 TO 98

F.B. 3728-5 TO 210

F.B. 3730-5 TO 84

CONTINUED IN F.B. 4127-7

DREIER

MALDONADO

SIEMANN

OHASHI

McKNIGHT

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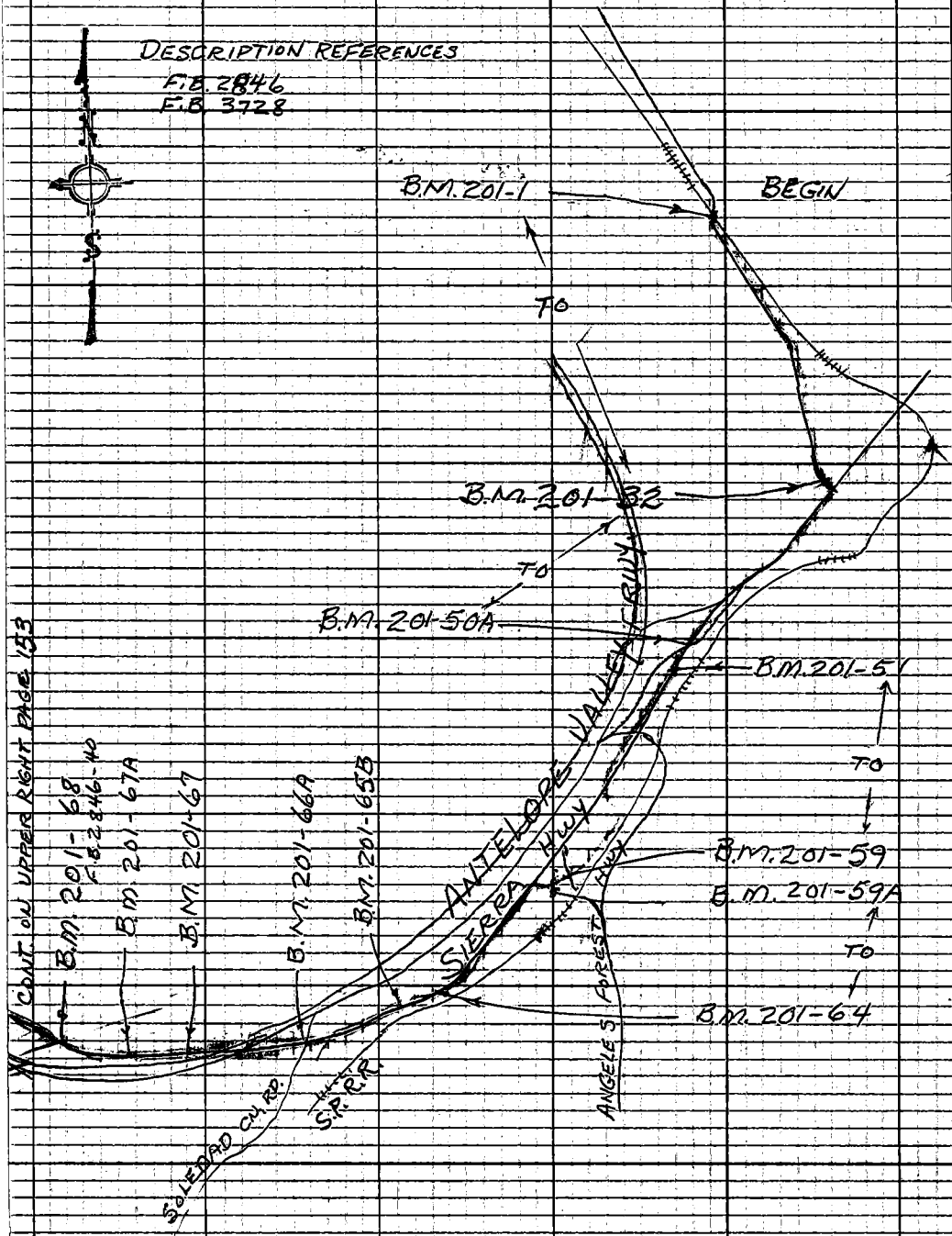
76F309S CE#310 3-69

ROUTE SKETCH, LINE 201

NOV., DEC. 1972 RELEVELING

F.B. 2846 PG. 152

DESCRIPTION REFERENCES
F.B. 2846
F.B. 3728



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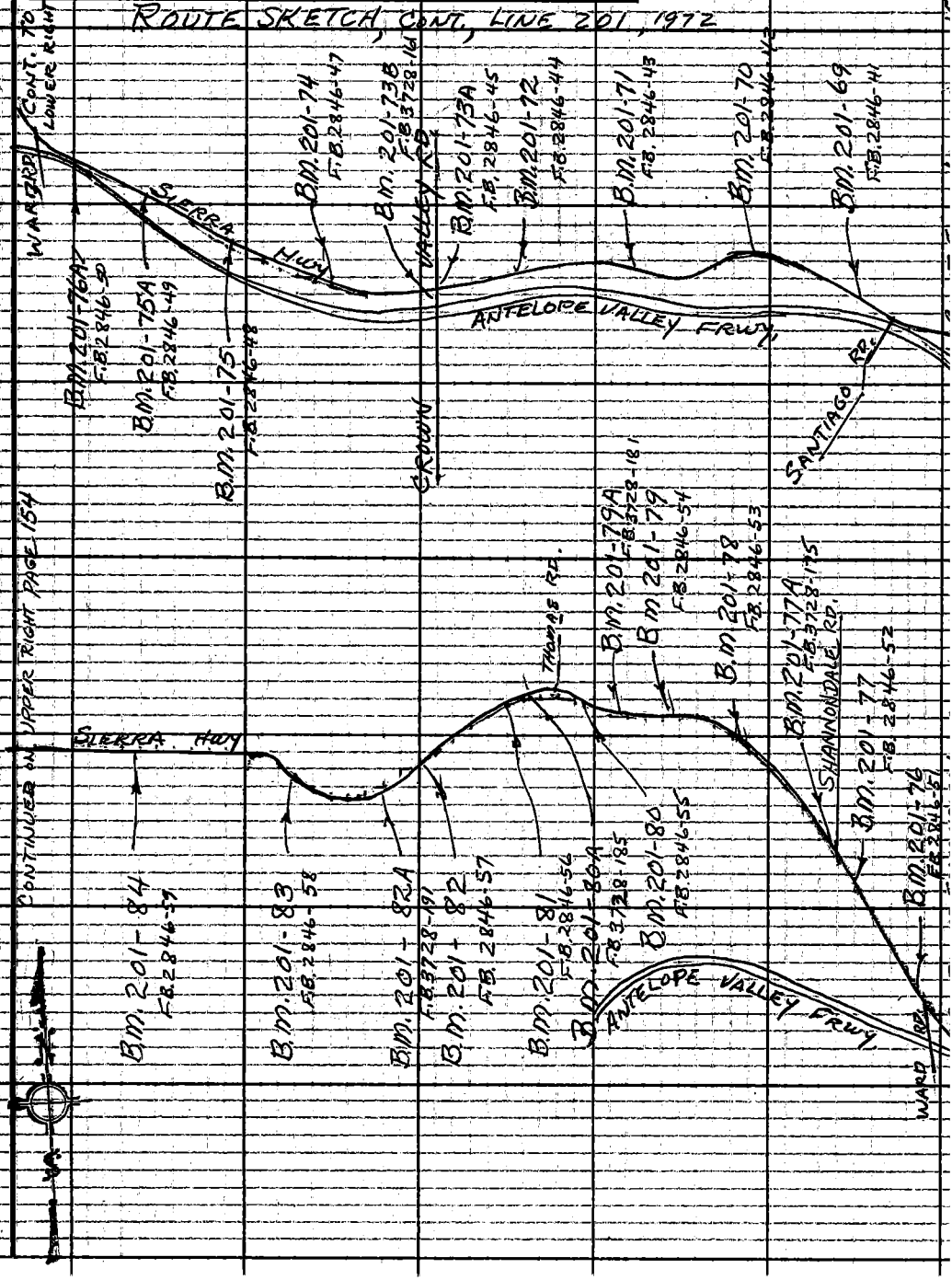
Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET	F.B. 2846 PG. 153
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by DREIER	
Checked	Notes DREIER Date NOV, DEC 1972	
Date	Indexed G.D. BAILEY FEB 9 1973	

ROUTE SKETCH, CONT., LINE 201, 1972



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76F309S CE#310 3-69

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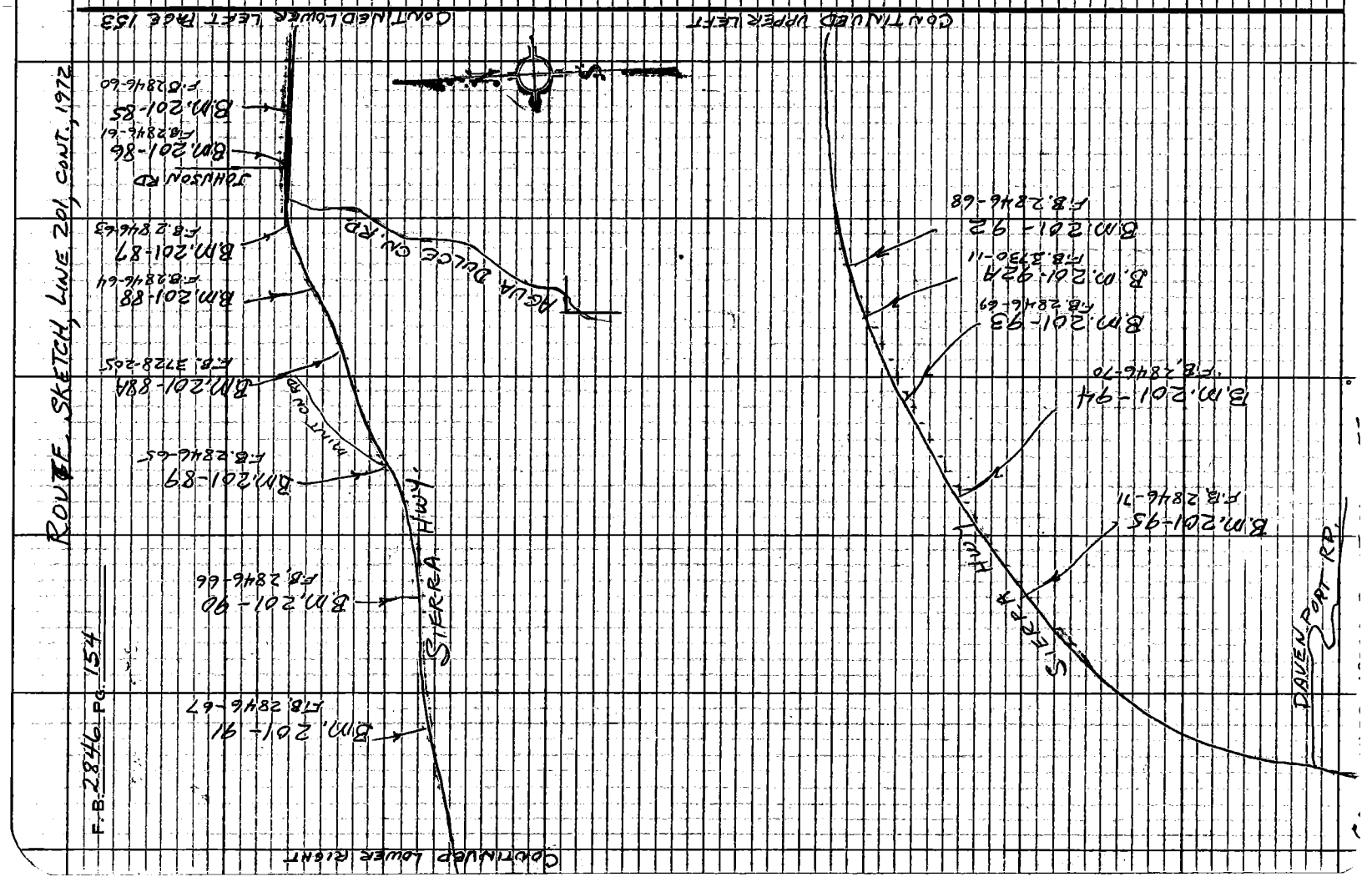

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	J.N. 030102 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date NOV. DEC. 1972
Date	Indexed G. D. BAILEY FEB 9 1973

F. B. 2846 PG. 155

CONT. LOWER LEFT PAGE 154

ROUTE SKETCH, LINE 201, 1971, CONT.

B.M. 201-96 F.B. 2846-72

B.M. 201-97 F.B. 2846-73

B.M. 201-98 F.B. 2846-74

B.M. 201-99 F.B. 2846-75

B.M. 201-100 F.B. 2846-76

B.M. 201-101A F.B. 3730-29

B.M. 201-101 F.B. 2846-77

B.M. 201-102 F.B. 2846-78

B.M. 201-103 F.B. 2846-79

B.M. 201-104 F.B. 2846-80

B.M. 201-105 F.B. 2846-81

B.M. 201-6 F.B. 2846-82

B.M. 201-7 F.B. 2846-83

B.M. 201-8 F.B. 2846-84

B.M. 201-9 F.B. 2846-85

DAVENPORT

LASQUETI CN. RD.

SANTA CN. RD.

SIERRA HWY

HILLFIELD LANE

SOLEDAD CN. RD.

B.M. 201-110A F.B. 3730-51

B.M. 201-111A F.B. 3730-55

CONT. ON RIGHT OF PAGE 156

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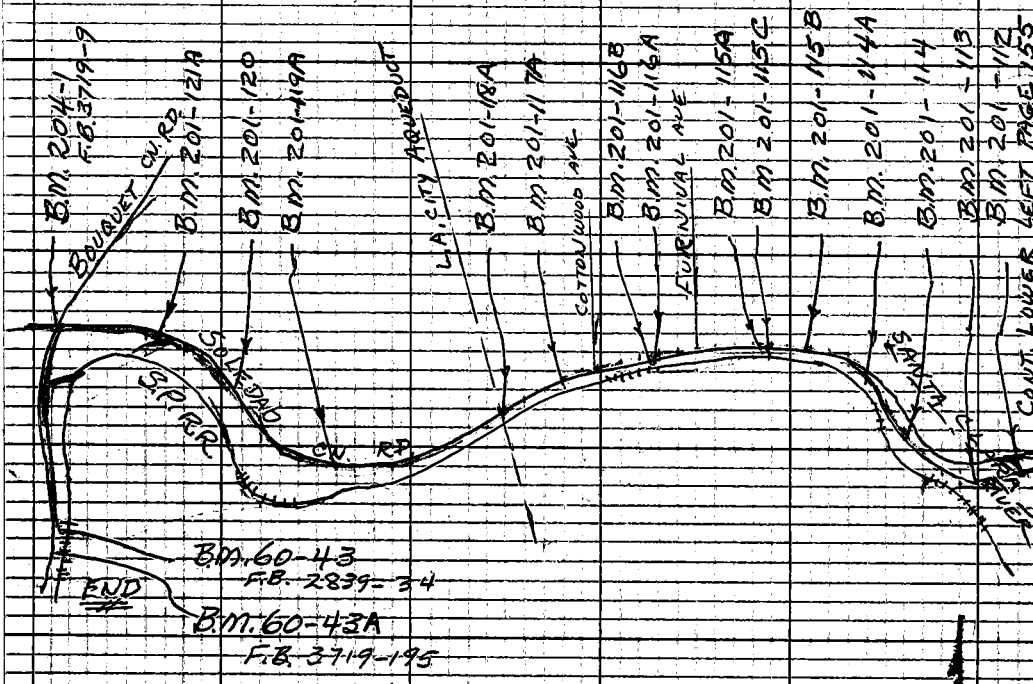
76F309S CE#310 3-69

ROUTE SKETCH LINE 201, 1971, CONT.

F.B. 2846 PG. 156



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76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 60°
SURVEY BY G.E. DREIER WEATHER LIGHT WIND INST. NO 96716
NOTES BY G.E. DREIER DATE 11-8-72 TIME 1:30 ROD NO. 17134
INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD DATE

F.B. 2846 PG. 157

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	164	602	4655	166 162 4	241	336	5423	268 214 54	54 M- 4 M= 50 M-0.20 mm
2	154	743	4555	156 152 4	78	130	3795	105 51 54	54 M- 4 M= 50 M=0.20 mm
	319	345		8	319	466		108	
						040		8	
	+				-0	mm			Curvature Corr.=0.40 mm
					319	426		100	
					319	345			
					-	081			
				mm= "C"					
	1								
						-0.008		mm= "C"	
					100	0.81			

F.B. 2846 PG. 158

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 11-9-72

INDEXED G.D. BAILEY DATE FEB 9 1973

58°

WEATHER CLEAR INST. NO. 96716

TIME 9:30 ROD NO. 713A

NOTES CHKD. DATE

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403 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM ______ TO ______
			DETERMINATION OF				"C"						
		NEAR ROD						FAR ROD					
1	164	420	465	5	166 162	4	241	182	542	5	268 214	54	
2	152	510	453	5	154 150	4	75	829	376	5	102 48	54	
						8	317	011				108	
	316	930						040				8	
												100	
							316	971					
							316	930					
								041	mm				
							−	0.004 mm = "C"					
							100)	0.41					

76P526B CE # 308 8/68

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreiler
NOTES BY T. Dunsmuir DATE 11-10-72 WEATHER Cloudy-Windy INST. NO. 9646
INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD DATE ROD NO. 4113 & 4
F.B. 2846 PG. 159

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"										
		NEAR ROD						FAR ROD					
1	162	115	463	5	164 160	4	137	788	438	5	163 111	52	52 M- 4 M= 48 M-0.20 mm
2	160	360	461	5	162 158	4	184	848	485	5	210 158	52	M- M= M=0.20 mm
	322	475					322	636				102	
								640					
	+						-0.	mm				8	Curvature Corr.=0. mm
							322	596				94	
							322	475					
							-	121					
					mm= "C"								
								-.0128	mm= "C"				
							94/	1.210					
								94					
								270					
								188					
								820					

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION		of "C"				
	NEAR ROD				FAR ROD				
1	165	276	466 5	167 163 4	240	988	541 5	266 214 52	52 M - 4 m = 48 50 M = 0.20 mm
2	148	252	449 5	150 146 4	72	820	373 5	98 46 52	52 M. - 4 m = 48 m = 0.20 mm
				8				104	CURVE CORR. = 0.40 mm
	313	528			313	608		8	
						040		96	
					313	568			
					313	528			
						040			
						0.004 mm = "C"			
					96	0.40			

F.B. 2846 PG. 160

JOB NO. 0301

SURVEY OF DREIER LA CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-13-72

INDEXED G. D. BAILEY DATE FEB 9 1973

WEATHER LIGHT WIND 54°

TIME 930

NOTES CHKD

INST. NO. 9671

ROD NO. 1713A

DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-58°
SURVEY BY G. E. Dreier WEATHER Sunny & Breezy INST. NO. 96716
NOTES BY Maldonado DATE 11-15-72 TIME 9:20 ROD NO. 1713 A&B
INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD. DATE
F.B. 2846 PG. 161

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	157	865	458 5	159 155 4	206	260	507 5	233 179 54	54 M-4 M=50 M-0.20 mm
2	148	000	449 5	150 146 4	99	741	400 5	126 72 54	54 M-4 M=50 M=0.20 mm
	305	865		8	306	001		108	
						040 mm		8	
	+				-0. mm				Curvature Corr.=0.40 mm
					305	961		100	
					305	865			
					-	0~~4~~6 9			
				mm= "C"					
						-0.010	mm= "C"		
					100	0.960			

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 162

SURVEY OF L.A. CO. PRECISE LEVELNET

SURVEY BY DREIER NOTES SIEMANN 11-16-72

INDEXED G. D. BAILEY DATE FEB 9 1973

JOB NO. 0301.02

T = 50°

WEATHER CLOUDY INST. NO. 967

TIME 9:40 TO 9:50 ROD NO. 713

NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM ____ TO ____
			DETERMINATION OF "C"										
	NEAR ROD						FAR ROD						
1	142	832	443	5	144 140	4	145	151	446	5	172 118	54 54	~~4~~ M - ~~54~~ M = 50 M = 0.20 mm
2	150	983	451	5	152 148	4	148	863	449	5	175 121	54 54	~~54~~ M - 4 M = 50 M = 0.20 mm
	293	815				8	294	014				108	CUR. CORR. = 0.40 mm
							-	040				8	
							293	974				100	
							293	815					
								159					
								.016					
							100)	1.59					

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=50°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 11-17-72
INDEXED G.D. BAILEY DATE FEB 9 1973
WEATHER OVERLAST, WIND INST. NO 96716
TIME 9:30 TO 9:40 ROD NO 1713 #4
NOTES CHKD. DATE
F.B. 2846 PG 163

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	146	052	447 5	148 144 4	148	409	449 5	175 121 54	54 M- 54 M= 50 M-0.20 mm
2	150	572	451 5	152 148 4	148	421	449 5	175 121 54	54 M- 4 M= 50 M=0.20 mm
	296	624		8	296	830		108	
						040			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					296	790		100	
					296	624			
					-	166			

mm= "C"

.0166 mm= "C"
100/ 1.66

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM _____ TO _____
	DETERMINATION OF "C"												
	NEAR ROD						FAR ROD						
1	150	772	451	5	152 148	4	143	608	444	5	171 115	56	56M - 4M = 52M = 0.20 mm
2	152	222	453	5	154 150	4	159	372	460	5	187 131	56	56M - 4M = 52M = 0.20 mm
	302	994				8	302	980				112	CUR. CORR. = 0.40 mm
	302	940					"	040				8	
		054					302	940				104	
	+ .005 mm = "C"												
	104) 0.54												
	520												

T = 60°

WEATHER SUNNY, CLEAR INST. NO 9670

TIME 9:30 TO 9:40 ROD NO 1713

NOTES CHKD _____ DATE _____

F.B. 2846 PG. 164 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-20-72

INDEXED G.D. BAILEY DATE FEB 9 1973

76P526B CE # 308 8/68

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 11-21-72
INDEXED G.D. BAILEY DATE FEB 9 1973
WEATHER [illegible] 50°
TIME 9:25 – 9:30
NOTES CHKD
INST. NO. 96726
ROD NO. 17(3A)
DATE
F.B. 2846 PG. 165

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	155	201	456 5	157 153 4	134	138	435 5	161 107 54	54 M- 4 M= 50 M-0.20 mm
2	163	379	464 5	165 161 4	184	755	485 5	211 157 54	54 M- 4 M= 50 M=0.20 mm
	318	580		8	318	893		108	
						640		8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					318	853		100	
					318	580			
					-	273			

mm= "C"

.0073 mm= "C"
100 / 2.73

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

INST. NO. 9671 ROD NO. 7134 DATE

WEATHER WINDY TIME 9:45 TO 9:55 NOTES CHKD

T = 64°

F.B. 2846 PG. 166 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES SIE MAIN 11-28-72

INDEXED G. D. BAILEY DATE FEB 9 1973

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"										
		NEAR ROD						FAR ROD					
1	150	690	451	5	132 148	4	142	618	443	5	169 115	54	54 M - 4M = 50M = 0.20 mm
2	151	116	452	5	153 149	4	159	278	460	2	186 132	54	M - M = M = 0.20 mm
	301	806				8	301	896				108	Curvature Corr = 0.40 mm
								040				-8	
							301	856				100	
							301	806					
								050					
								-005 MM = "C"					
							100	0.50					

76P526B CE # 308 8/68

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 11-28-72
INDEXED G. D. BAILEY DATE FEB 9 1973
WEATHER T=72 CLEAR-GUSTY
TIME 1:10
NOTES CHKD
INST. NO. 96716
ROD NO. 1713 [illegible]
DATE
F.B. 2846 PG 167

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	163	830	464 5	165 161 4	208	360	509 5	237 179 58	58 M- 4 M= 54 M-0.20 mm
2	153	740	454 5	155 151 4	109	321	410 5	138 80 58	58 M- 4 M= 54 M=0.20 mm
	317	570		8	317	731		116	
						040		8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					317	691		108	
					317	570			
					-	121			
				mm= "C"					
					-	0.011	mm= "C"		
					108 /	1.21			
						108			
						130			

F.B. 2846 PG. 168

JOB NO. 030602

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES T. Chasell – 29 – 22

INDEXED G. D. BAILEY DATE Feb 9 1973

T = 66°

WEATHER Clear-Gusty INST. NO. 96711

TIME 1:15 – ROD NO. 1713A

NOTES CHKD. ______ DATE ______

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403 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

Determination of "C"

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS From ___ To ___
	Near	Rod						Far	Rod				
1	160	104	461	5	162 158	4	204	578	405	5	231 177	54	54M – 4M = 50M = 0.20 mm
2	152	680	453	5	154 150	4	108	348	409	5	135 81	54	54m – 4m = 50m = 0.20mm
	312	784				8	312	926				108	
								040				8	Curv. Corr. 0.40 mm
							312	886				100	
							312	784					
								1.02 mm					

– 0.010 mm = "C"

100) 1.02

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET. T2 62P

SURVEY BY G.E. DREIER WEATHER Clear-Windy INST. NO. 96716

NOTES BY T. Ohasai DATE 11-30-72 TIME 11:25-11:30 ROD NO. 17138

INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD DATE

F.B. 2846 PG 169

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	150	760	451 5	152 148 4	85	141	386 5	112 58 54	54 M- 4 M= 50 M-0.20 mm
2	163	079	464 5	165 161 4	228	961	529 5	255 201 54	M- M= M=0.20 mm
	313	839		8	314	102		108	
						040			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					314	062		100	
					313	839			
					-	223			
				mm= "C"					
						.0223		mm= "C"	
					100 / 2.23				

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM ____ TO ____
			DETERMINATION of "C"										
	NEAR ROD						FAR ROD						
1	153	543	454	5	155 151	4	158	798	459	5	183 131	54	54 M-4M=50M= 0.20 mm
2	151	940	452	5	153 149	4	146	607	447	5	173 119	54	54M- 4M= M= 0.20 mm
	305	483					305	405				108	
	305	365				8		040				8	Curvature Corr. 0.40 MM.
		118					305	365				100	

+ .01 M.M. = "C"

100) 1.18

F.B. 2846 PG. 170

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-1-72

INDEXED G. D. BAILEY DATE FEB 9 1973

T-68°

WEATHER Sunny & Wind INST. NO 96.71

TIME 9:00 to 9:10 ROD NO 173A

NOTES CHKD ____ DATE ____

76P526B CE # 308 8/68

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=52°
SURVEY BY G.E. DREIER
NOTES BY SIEMAHN DATE 12-4-72 WEATHER Cloudy, windy TIME 1:20 TO 1:40 INST. NO 96716
INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD. DATE ROD NO 71348
F.B. 2846 PG. 171

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	150	881	451	5 152 148 4	156	201	457	5 183 129 54	54 M- 4 M= 50 M-0.20 mm
2	149	389	450	5 151 147 4	144	212	445	5 171 117 54	54 M- 4 M= 50 M=0.20 mm
	~~81~~ 492				300	413			108
	300	270		8		040			
	+				-0.	mm			8 Curvature Corr.=0.40 mm
					300	373			100
					300	270			
					-	103			
				mm= "C"					
	/								
						.01		mm= "C"	
					100/	1.03			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 172 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEIER NOTES SIEMANN 12-5-72

INDEXED G. D. BAILEY DATE FEB 9 1973

T = 46°

WEATHER CLEAR INST. NO. 9676

TIME 9:15 TO 9:25 ROD NO. 17134

NOTES CHKD. DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM ____ TO ____
			DETERMINATION OF "C"										
	NEAR ROD						FAR ROD						
1	147	855	448	5	145 (149)	4	153	183	454	5	126 (180)	54	54 M - 4 M = 50 M = 0.20 MM
2	146	642	447	5	144 (148)	4	141	366	442	5	114 (168)	54	54 M - 4 M = 50 M = 0.20 MM
	294	497				8	294	549				108	
								040				8	CUR. CORR. = 0.40 MM.
							294	509				100	
							294	497					
								012					
								.001					M.M. = "C"
							100)	0.12					

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER SCAT. CLOUDS 50°
NOTES BY G.E. DREIER DATE 12-6-72 TIME 9:05 INST. NO. 96716
INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD. DATE ROD NO. 1734-5
F.B. 2846 PG. 173

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM TO
			DETERMINATION OF "C"								
		NEAR ROD					FAR ROD				
1	162	950	463	5	164 / 160	135	759	436	5	162 / 108 / 54	54 M- 4 M= 50 M-0.20 mm
2	142	129	443	5	144 / 140	169	658	470	5	196 / 142 / 54	54 M- 4 M= 50 M=0.20 mm
	305	079			8	305	317			108	
							040				
	+					-0.	mm			-8	Curvature Corr.=0.40 mm
						305	277			100	
						305	079				
						-	198				
					mm= "C"						
	1										
						-	0.020			mm= "C"	
						100	1.98				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	160	087	461 5	162 158 4	132	939	433 5	159 105 54	54 m - 4m = 50 m = 0.20 mm
2	140	316	441 5	142 138 4	167	802	468 5	194 140 54	54 m - 4m = 50m = 0.20 mm
	300	398			300	741			
				8				108	CURV. CORR. = 0.40 mm
						0.40 mm		8	
					300	701			
					300	398		100	
						303			
						0.036			
					100	303			
1	139	221	440 5	141 137 4	166	734	467 5	193 139 54	
2	161	400	462 5	163 159 4	134	123	435 5	161 107 54	
	300	621		8	300	857		108	
						040			
					300	817		8	
					300	621		100	
						196			
						-0.020 mm - "C"			
					100	196			

F.B. 2846 PG. 174

SURVEY OF ~~G.E. DREIER~~ L.A.Co PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES G.E.D. 12-7-72

INDEXED G.D. BAILEY DATE FEB 9 1973

JOB NO. 0301.02

WEATHER SCAT CLOUDS INST. NO. 9671

TIME 9:10 ROD NO. 1713A

NOTES CHKD. DATE

50°

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 12-8-72
INDEXED G.D. BAILEY DATE FEB 9 1973
WEATHER Cloudy
TIME 10:10
NOTES CHKD
DATE
INST. NO. 96716
ROD NO. 1713A&B
T-48°
F.B. 2846 PG. 75

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM TO
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	146	550	447 5	148 / 144 4	65	548	366 5	92 / 38 54	54 M- 4 M= 50 M-0.20 mm
2	150	182	451 5	152 / 148 4	231	530	532 5	258 / 204 54	54 M- 4 M= 50 M=0.20 mm
	296	732		8	297	078		108	
						040 mm		8	
	+				-0. mm				Curvature Corr.=0.40 mm
					297	038		100	
					296	732			
					-	306			
				mm= "C"					
					-0.036 mm= "C"				
					100 / 3.060				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

INST. NO. 9671 ROD NO. 173A

DATE

WEATHER Clear

TIME 9:45 - 10:05

NOTES CHKD

T-46

F.B. 2846 PG. 176

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES 12-11-72

INDEXED G.D. BAILEY DATE FEB 9 1973

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD			FAR ROD			
1	147	311	448 5	184 / 185 4	69	212	370 5	96 / 92 54	54M - 4M = 50M = 0.020mm
2	164	530	465 5	166 / 162 4	243	184	544 5	220 / 216 54	54M - 4M = 50M = 0.020mm
	311	841			312	400			
					-	040			Corr. Cur. 0.40mm
					312	360			
					311	841			
						519			
			NEAR ROD			FAR ROD			
1	162	909	463 5	162 / 160 4	241	428	542 5	218 / 214 54	54M - 4M = 50M =
2.	151	492	452 5	153 / 149 4	73	209	374 5	100 / 96 54	M - M
	314	401		8	314	637		108	
						040		- 8	
					314	597		100	
					314	401			
						196		-.02	
							- 0.96	mm = C	
						100	1.96		

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=36°
SURVEY BY G.E. DREIER WEATHER SUNNY, CLEAR INST. NO. 96716
NOTES BY SIEMANN DATE 12-12-72 TIME 9:20 TO 9:30 ROD NO. 1713+6
INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD DATE
F.B. 2846 PG. 177

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	158	492	459	5 160 156 4	191	322	492	5 218 168 54	54 M- 4 M= 50 M=0.20 mm
2	148	988	449	5 150 146 4	116	406	417	5 143 89 54	54 M- 4 M= 50 M=0.20 mm
	307	480			307	728			108
						040			8
	+				-0.	mm			Curvature Corr.=0.40 mm
					307	688			100
					307	480			
					-	208			
				mm= "C"					
		/							
						.021 mm= "C"			
					100 /	2.08			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	152	262	453 5	154 150 4	211	361	512 5	237 185 52	52M-4M=48M = 0.20 MM
2	149	281	450 5	151 147 4	90	598	391 5	116 64 52	52M-4M=48M : 0.20 MM
	301	543			301	959		104	CUR. CORR. 0.40 MM
				8		040		8	
					301	919		96	
						543			
						376			
						96)3.76			
	AFTER ADJUSTMENT								
1	148	132	449 5	150 146 4	89	281	390 5	117 63 54	54 M-4M=50M = 0.20 MM.
2	151	689	452 5	153 149 4	210	502	511 5	236 184 52	52 M-4M=48M=0.20 MM
	299	821		8	299	783		106	
	299	743				040		8	CUR. CORR. = 0.40 MM.
		078			299	743		98	
	+ 0.0089 MM. = "C"								
	98)0.780								
	686								
	940								

F.B. 2846 PG. 178

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-13-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER WINDY INST. NO. 967

TIME 10:35 TO 10:45 ROD NO. 1713

NOTES CHKD. ____ DATE ____

T=48°

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY R.D. BAILEY
INDEXED
DATE 12-14-72
DATE FEB 9 1973
WEATHER 52° LT. WIND
TIME 9:45
NOTES CHKD
DATE
INST. NO 26716
ROD NO 25896
F.B. 2846 PG. 179

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	150	959	451 5	152 148 4	146	738	447 5	178 119 54	54M- 4 M= 50 M=0.20 mm
2	153	027	454 5	155 151 4	157	380	458 5	184 130 54	54M- 4 M= 50 M=0.20 mm
	303	986		8	304	118		108	
	+					0.40 mm			
					-0.	mm		-8	Curvature Corr.=0.40 mm
					304	078		100	
					303	986			
					-	092			
				mm= "C"					
	1								
						-0.009 mm= "C"			
						100/0.92			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION		OF		C		
1	149 ~~151~~	741 ~~062~~	450 ~~452~~ 5	153 ~~149~~ 4	154	118	455 5	181 127 54	54 m - 4 m = 50 m = 0.20 mm
2	150	103	451 5	152 148 4	148	859	446 5	172 118 54	54 m - 4 m = 50 m = 0.20 mm
	299	844		8	299	977			CURV. CORR. 0.40 mm
						040			
					299	937			
					299	844			
						093			
						0.009 mm = "C"			
					100	0.93			

F.B. 2846 PG. 180 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 12-15-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER WINDY INST. NO. 9671

TIME 9:10 ROD NO. 9569

NOTES CHKD. ____ DATE ____

48°

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY: DREIER DATE 12-18-72 WEATHER 68° CLEAR
NOTES BY: TIME 9:30 INST. NO. 36716
INDEXED: G.D. BAILEY DATE FEB 9 1973 NOTES CHKD DATE ROD NO. 25896
F.B. 2846 PG. 187

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM ____ TO ____
			DETERMINATION OF "C"								
		NEAR ROD					FAR ROD				
1	152	113	453 5	154 150	4	156	512	457 5	183 129	54	54 M- 4 M= 50 M=0.20 mm
2	150	889	451 5	152 148	4	146	650	447 5	173 119	54	54 M- 4 M= M=0.20 mm
	303	002			8	303	162			108	
	+					-0.	0.40 mm			-8	Curvature Corr.=0.40 mm
						303	122			100	
						303	002				
						-	120				
				mm= "C"							
	1										
							-0.012 mm= "C"				
						100	1.20				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF C								
1	148	950	449 5	150 146 4	153	391	454 5	180 126 54	54m - 4m = 50 m. = 0.20mm
2	152	422	453 5	154 150 4	148	192	449 5	175 121 54	54m - 4m = 50 m = 0.20 mm
	301	372		8	301	583		108	
									CURVATURE CORR 0.40mm
						0.40 mm			
					301	543			
					301	372			
						1.71 mm			
					2	0.017 mm		= "C"	
					100	1.71			

F.B. 2846 PG. 182

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 12-19-72

INDEXED G.D. BAILEY DATE FEB 9 1973

JOB NO. 0301.02

WEATHER SOAT CLOUDS INST. NO. 96716

TIME 10:00 ROD NO. 95 89

NOTES CHKD _____ DATE _____

80°

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 72°
SURVEY BY G.E. DREIER DATE 12-20-72 WEATHER LT BREEZE INST. NO 96714
NOTES BY SIEMANN TIME 9:05 TO 9:15 ROD NO 95896
INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD DATE
F.B. 2846 PG. 183

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	151	152	452 5	153 149 4	209	031	510 5	232 182 54	54 M- 4 M= 50 M-0.20 mm
2	150	273	451 5	152 148 4	92	350	393 5	119 65 54	54 M- 4 M= 50 M=0.20 mm
	301	425			301	381		108	
	301	341				640			
	+	084			-0.	mm		8	Curvature Corr.=0.40 mm
						341		100	
					-				
		+ .008		mm= "C"					
	100/	0.84							
								mm= "C"	
					/				

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 184 JOB NO. 0301.02
SURVEY OF L.A. CO PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 12-21-72
INDEXED G. D. BAILEY DATE FEB 9 1973
WEATHER ____ INST. NO 967[illegible]
TIME 9:20 ROD NO 95[illegible]
NOTES CHKD. ____ DATE ____

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS From ____ To ____
			DETERMINATION OF "C"										
					146						140		
1	144	220	445	5	142	4	113	542	414	5	86	54	54m - 4m = 50m = 0.20 mm
					155						211		
2	153	352	454	5	151	4	184	293	485	5	157	54	m - 4m = m = 0.20 mm
						8	297	835				108	
	297	572					0	040					CURVATURE CORR. 0.40 mm
							297	795				-8	
							297	572				100	
								223					
							-0.023 mm = "C"						
							100)	2.23					

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER DATE 12-27-72 WEATHER CLEAR INST. NO. 26746
NOTES BY DREIER TIME 8:55 ROD NO. 75496
INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD. DATE
56°
F.B. 2846 PG. 185

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From To
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	156	177	457	5 158 154 4	182	291	483	5 209 155 54	54 M- 4 M= 50 M-0.20 mm
2	153	238	454	5 155 151 4	127	311	428	5 154 100 54	54 M- 4 M= 50 M=0.20 mm
	309	415		8	309	602		108	
						040			
	+				=0. ~~mm~~			-8	Curvature Corr.=0.40 mm
					309	562		100	
					309	415			
					-	147			
				mm= "C"					
	1								
					-	0.015		mm= "C"	
					100	1.47			

F.B. 2846 PG. 186 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 60°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 11-8-72 WEATHER WINDY INST. NO. 26716
INDEXED G.D. BAILEY DATE FEB 9 1973 TIME 2:10 ROD NO. 1713A
NOTES ROBERT E. HEACOCK DATE 15 FEB 7
F.B. 2846 PG. 187

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-1 TO B.M. 201-2
B.M. 201-1													B.M. 201-1 (V-429 1935)
1	154	308	455	5	168	28	125	120	426	5	139	28	SIERRA HWY & R.R. XING, CULVERT
	125	120			140						111	28	19.37
												56	SEE F.B. 2846-7
	+ 29	188											T J. MALDONADO
B.M. 201-2													B.M. 201-2 (W429 1935)
													F.B. 3728-11
			B.M. 201-2				TO	B.M. 201-1					11-13-72 10:06 AM. TEMP=56°, CLOUDY BREEZE
B.M. 201-2													B.M. 201-2 (W429 1935)
1	123	743	324	5	135	24	152	936	453	5	163	22	
					123		123	743			141	24	
							- 29	193				46	
B.M. 201-1													B.M. 201-1 (V 429 1935)

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 188 JOB NO. 030102

SURVEY OF LA. Co. PRECISE LEVELNET

SURVEY BY DREIER NOTES G.E. DREIER 11-8-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER WINDY TIME 2:15 NOTES ROBERT E. HEACOCK

60°

INST. NO. 26716 ROD NO. 173 A-B DATE 15 FEB 10 15 FEB 73

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-2 TO B.M. 201-3
B.M. 201-2													B.M. 201-2 (W429 1935)
1	188	730	489	5	200		126	339	427	5	138		
					176	24					114	24	
	126	339										24	SEE F.B. 3728-11
												48	
	+62	391											
B.M. 201-3													B.M. 201-3 (X 429 1935)
													F.B. 3728-13
		B.M. 201-3 TO B.M. 201-2 11-13-72 10:03 AM. TEMP 55° CLOUDY LIGHT WIND											
B.M. 201-3													B.M. 201-3 (X 429 1935)
1	141	960	442	5	153		204	294	505	5	217		
					129	24					191	26	
							141	960				24	
												50	
							-62	334					
B.M. 201-2													B.M. 201-2 (W429 1935)

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-3 TO B.M. 201-4
B.M. 201-3									B.M. 201-3 (X 429 1935)
1	238	739	539 5	252 224 28	116	492	417 5	130 102 28	
	116	492 ✓						28 ✓	SEE F.B. 3728-13
	+122	247 ✓						56 ✓	
B.M. 201-4									B.M. 201-4 (Y 429 1935)
									SEE F.B. 3728-15
			B.M. 201-4		TO B.M. 201-3			11-13-72	10:00 A.M. T = 55° CLOUDY LIGHT WIND
B.M. 201-4									B.M. 201-4 (Y 429 1935)
1	118	876	419 5	132 104 28	241	116	542 5	255 227 28	
					118	876 ✓		28 ✓	
					+122	240 ✓		56 ✓	
B.M. 201-3									B.M. 201-3 (X 429 1935)

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER 60° LT. WIND

NOTES BY G.E. DREIER DATE 11-8-72 TIME 2:17 INST. NO. 96716

INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES ROBERT E. HEACOCK DATE 15 FEB 7 ROD NO. 1713A-E

F.B. 2846 PG. 189

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 190

SURVEY OF LA. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-8-72

INDEXED G.D. BAILEY DATE FEB 9 1973

JOB NO. 030102

WEATHER LT. WIND

TIME 2:20

NOTES ROBERT E. HEACOCK

60°

INST. NO. 96716

ROD NO. 1734-B

DATE 15 FEB

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-4 TO B.M. 201-5
B.M. 201-4													B.M. 201-4 (Y429 1935)
1	157	192	458	5	160	6	88	938	389	5	92		
					154						84	8	SEE F.B. 3728-15
	88	938 ✓										6 ✓	
	+68	254 ✓										14 ✓	
B.M. 201-5													B.M. 201-5 (U.S.F.S. RESERVE 109 190
													SEE F.B. 3728-15
			B.M. 201-5		TO		B.M. 201-4		11-13-72				9:45 A.M. TEMP=54° CLOUDY LIGHT WIND
B.M. 201-5													B.M. 201-5 (U.S.F.S. 109 1905)
1	87	349	388	5	90	6	155	606	456	5	159		
					84						151	8	
							87	349 ✓				6 ✓	
							68	257 ✓				14 ✓	
B.M. 201-4													B.M. 201-4 (Y429 1935)

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR COMPLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 201-5 TO B.M. 201-6
B.M. 201-5									B.M. 201-5 (U.S.F.S. RESERVE 109 1905)
1	178	058	479 5	192 28	73	751	374 5	87 28	SEE F.B. 3728-15
	73	751		164				59	
	+104	307						28	
								56	
B.M. 201-6									B.M. 201-6 (Z 429 1935)
									SEE F.B. 3728-17
			B.M. 201-6		TO	B.M. 201-5		11-13-72	9:50 AM. T=54° CLOUDY LIGHT WIND
B.M. 201-6									B.M. 201-6 (Z 429 1935)
1	78	150	379 5	92 28	182	462	483 5	196 28	
				64	78	150		168	
					-104	312		28	
								56	
B.M. 201-5									B.M. 201-5 (U.S.F.S. 109 1905)

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 60°
SURVEY BY G. E. DREIER WEATHER LT. WIND INST. NO 96716
NOTES BY G. E. DREIER DATE 11-8-72 TIME 2:25 ROD NO 1713A-
INDEXED G. D. BAILEY DATE FEB 9 1973 NOTES CHKD ROBERT E. HEACOCK DATE 15 FEB 73

F.B. 2846 PG. 191

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 192 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-8-72

INDEXED G. D. BAILEY DATE FEB 9 1973

60° LT WIND

WEATHER CLEAR CALM INST. NO. 96716

TIME 2:30 ROD NO. 1713A-B

NOTES ROBERT HEACOCK DATE 15 FEB 73

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 201-6 TO B.M. 201-7
B.M. 201-6													B.M. 201-6 (Z 429 1935)
1	158	631	459	5	176 140	36	84	589	385	5	102 66	36	SEE F.B. 3728-17
	84	589										36	
												72	
	+ 74	042											
B.M. 201-7													B.M. 201-7 (D 1000 1958)
													SEE F.B. 3728-19
			B.M. 201-7		TO		B.M. 201-6		11-13-72				9:40 A.M. T = 54° CLOUDY LIGHT WIND
B.M. 201-7													B.M. 201-7 (D 1000 1958)
1	83	388	384	5	101 65	36	157	489	458		175 139	36	
							83	388				36	
												72	
							- 74	101					
B.M. 201-6													B.M. 201-6 (Z 429 1935)

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 60°
SURVEY BY G.E. DREIER
NOTES BY DREIER DATE 11-8-72 WEATHER CLEAR INST. NO 96716
INDEXED G.D. BAILEY DATE FEB 9 1973 TIME 2:35 ROD NO 1713A-1
NOTES CHKD. ROBERT E. HEACOCK DATE 15 FEB '73

F.B. 2846 PG. 193

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-7 TO B.M. 201-8
B.M. 201-7									B.M. 201-7 (D-1000 1958)
1	219	452	520 5	235 / 203 32	76	242	377 5	91 / 61 30	
	76	242						32	SEE F.B. 3728-19
	+143	210						62	
B.M. 201-8									B.M. 201-8 (B430 1935)
									SEE F.B. 3728-21
				B.M. 201-8 TO B.M. 201-7				11-10-72	2:30 P.M. T=58° OVERCAST - LT. WIND.
B.M. 201-8									B.M. 201-8 (B.430 1935)
1	86	790	387 5	101 / 71 30	230	032	531 5	246 / 214 32	
					86	790		30	
					-143	242		62	
B.M. 201-7									B.M. 201-7 (D 1000 1958)

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 201-8 TO B.M. 201-10
B.M. 201-8													B.M. 201-8 (B 430 1935)
1	241	830	542	5	280 / 202	78	135	148	436	5	174 / 96	78	
	135	148 ✓										78 ✓	SEE F.B. 3728-21
	+106	682 ✓										156 ✓	
B.M. 201-10													B.M. 201-10 (D. 430 1935)
													SEE F.B. 3728-25
			B.M. 201-10 TO B.M. 201-8 11-10-72 2:25 P.M. T=58° OVERCAST LT WIND.										
B.M. 201-10													B.M. 201-10 (D 430 1935)
1	152	329	453	5	192 / 112	80	259	015	560	5	298 / 220	78	
							152	329 ✓				80 ✓	SEE F.B. 3728-25
							-106	686 ✓				158 ✓	
B.M. 201-8													B.M. 210-8 (B 430 1935)

F.B. 2846 PG. 194

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-8-72

INDEXED G. D. BAILEY DATE FEB 9 1973

WEATHER LIGHT WIND INST. NO. 96716

TIME 2:40 ROD NO. 1713A-B

NOTES CHKD. ROBERT E. HEACOCK DATE 15 FEB 73

60°

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-10 TO B.M. 201-11
B.M. 201-10									B.M. 201-10 (D 430 1935)
1	233	368	5345	253 / 213 40	92	723	3935	111 / 73 38	SIERRA HWY AT AQUEDUCT
	92	723						40	SEE F.B. 3728-5
	+140	645						78	
B.M. 201-11									B.M. 201-11 (E 430 1935)
									SEE F.B. 3728-27
			B.M. 201-11	TO	B.M. 201-10			11-10-72	2:22 P.M. T=58° OVERCAST LT. WIND.
B.M. 201-11									B.M. 201-11 (E 430 1935)
1	121	460	422	5 141 / 101 40	262	121	563	5 252 / 202 40	
					121	460		40	
					-140	661		80	
B.M. 201-10									B.M. 201-10 (D 430 1935)

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 11-8-72 WEATHER WINDY 60° INST. NO. 96714

INDEXED G.D. BAILEY DATE FEB 9 1973 TIME 2:44 ROD NO. 7134-

NOTES CHKD ROBERT E. HEACOCK DATE 15 FEB 73

F.B. 2846 PG. 195

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-11 TO B.M. 201-13
B.M. 201-11													B.M. 201-11 (E 430 1935)
1	186	204	487	5	223 149	74	68	551	369	5	110 ½ 68	84	SEE F.B. 3728-27
	68	551 ✓										74 ✓	
	+117	653 ✓										158 ✓	
B.M. 201-13													B.M. 201-13 (G 430 1935)
													SEE F.B. 3728-31
	B.M. 201-13 TO B.M. 201-11 11-10-72 2:20 P.M. T=58° OVERCAST LT. WIND												
B.M. 201-13													B.M. 201-13 (G 430 1935)
1	90	300	391	5	129 51	78	208	045	509	5	248 168	80	
							90	300 ✓				78 ✓	
							+117	745 ✓				158 ✓	
B.M. 201-11													B.M. 201-11 (E 430 1935)

F.B. 2846 PG. 196

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVELNET

SURVEY BY DREIER NOTES: DREIER 11-8-72

INDEXED G. D. BAILEY DATE FEB 9 1973

WEATHER LIGHT WIND 60°

TIME 3:00

NOTES CHKD ROBERT E. HEACOCK

INST. NO. 96716

ROD NO. 1713 AB

DATE 15 FEB 73

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 201-13 TO B.M. 201-14
B.M. 201-13									B.M. 201-13 (G 430 1935
1	221	830	522 5	241 / 202 39	127	418	428 5	146 / 108 38	
	127	418 ✓						39 ✓	
	+ 94	412 ✓						77 ✓	
B.M. 201-14									B.M. 201-14 (H 430 1935)
			B.M. 201-14 TO		B.M. 201-13			11-10-72	2:15 P.M. T=58° OVERCAST - LT. WIND
B.M 201-14									B.M. 201-14 (H 430 1935)
1	127	318	428 5	146 / 108 38	221	779	522 5	241 / 201 40	
					127	318 ✓		38 ✓	
					- 94	461 ✓		78 ✓	
B.M. 201-13									B.M. 201-13 (G 430 1935)

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER CLEAR 56°

NOTES BY G.E. DREIER DATE 11-9-72 TIME 9:35 INST. NO. 26711

INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES BY ROBERT E. HEACOCK DATE 15 FEB 73 ROD NO. 17134

F.B. 2846 PG. 197

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-14 TO B.M. 201-15
B.M. 201-14													B.M. 201-14 (H 430 1935)
1	244	291	545	5	263 225	38	87	962	388	5	107 67	40	
	87	962										38	
+	156	329										78	
B.M. 201-15													B.M. 201-15 (J-430 1935)
			B.M. 201-15 TO B.M. 201-14 11-10-72 210 PM T=58° OVERCAST LT. WIND										
B.M. 201-15													B.M. 201-15
1	93	970	394	5	113 73	40	250	301	551	5	270 230	40	
							93	970				40	
						−	156	331				80	
B.M. 201-14													B.M. 201-14 (H 430 1935

F.B. 2846 PG. 198

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVELNET

SURVEY BY DREIER NOTES DREIER 11-9-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER CLEAR 57°

TIME 9:40

NOTES DRIFT HEACOCK

INST. NO. 96716

ROD NO. 1713AB

DATE 15 FEB 73

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES OF THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 201-15 TO B.M. 201-16
B.M. 201-15													B.M. 201-15 (J 430 1935)
	222	838	838	5	240 / 204	38	122	603	423	5	½ 142 / 122	40	
	122	603 ✓										36 ✓	
	+100	235 ✓										76 ✓	
B.M. 201-16													B.M. 201-16 (K 430 1935)
			B.M. 201-16 TO B.M. 201-15 11-10-72 T=2:05 P.M. T=58° OVERCAST - LT. WIND										
B.M. 201-16													B.M. 201-16 (K 430 1935)
1	103	891	404	5	½ 123 / 103	40	204	171	505	5	223 / 185	38	
							103	891 ✓				40 ✓	
							100	280 ✓				78 ✓	
B.M. 201-15													B.M. 201-15 (J 430 1935)

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 60°
SURVEY BY G. E. DREIER WEATHER CLEAR INST. NO 96716
NOTES BY G. E. DREIER DATE 11-9-72 TIME 9:43 ROD NO 1713A
INDEXED G. D. BAILEY DATE FEB 8 1973 NOTES CHKD ROBERT E. HEACOCK DATE 15 FEB 73

F.B. 2846 PG. 199

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-16 TO B.M. 201-17
B.M. 201-16													B.M. 201-16 (K 430 1935)
1	234	921	535	5	254 214	40	117	039	418	5	137 97	40	
	117	039 ✓										40 ✓	
												80 ✓	
	+117	882 ✓											
B.M. 201-17													B.M. 201-17 (L-430 1935) RESET 1955
		B.M. 201-17			TO		B.M. 201-16		11-10-72,		2:00 P.M.		TEMP = 58° OVERCAST
B.M. 201-17													B.M. 201-17 (L430 1935 RESET 1955)
1	110	208	411	5	130 90	40	228	051	529	5	208 208	40	
							110	208 ✓				40 ✓	
							+117	843 ✓				80 ✓	
B.M. 201-16													B.M. 201-16 (K430 1935

F.B. 2846 PG. 208

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-9-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER CLEAR 58°

TIME 9:47

NOTES PROPERTY HEACOCK

INST. NO. 96716

ROD NO. 1713A-B

DATE 15 FEB 73

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 201-17 TO B.M. 201-18
B.M. 201-17									B.M. 201-17 (L 430 1935 RESET 1955)
1	177	079	478 5	190 / 164 26	78	446	379 5	92 / 64 28	
	78	446 ✓						26 ✓	
	+98	633 ✓						54 ✓	
B.M. 201-18									B.M. 201-18 (G-57 1926)
			BM 201-18 to BM. 201-17 11-10-72 1:58						T=58° OVERCAST WINDY
BM. 201-18			~~BM 201~~						B.M. 201-18 (G 57 1926)
1	81	860	382 5	95 / 69 28	180	481	481 5	193 / 167 26	
					81	860 ✓		28 ✓	
					-98	621 ✓		54 ✓	
BM. 201-17									B.M. 201-17 (L 430 1935 RESET 1955)

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 56°

SURVEY BY DREIER WEATHER LT. BREEZE INST. NO 96716

NOTES BY DREIER DATE 11-9-72 TIME 9:50 ROD NO 1713A-

INDEXED G. D. BAILEY DATE FEB 9 1973 NOTES ROBERT E. HEACOCK DATE 15 FEB 73

F.B. 2846 PG. 201

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 202 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-9-72

INDEXED G. D. BAILEY DATE FEB 9 1973

57° WEATHER CLEAR INST. NO. 96716

TIME 10:00 ROD NO. 113A-B

NOTES ROBERT E. HEACOCK CHKD. DATE 15 FEB 73

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-18 TO B.M. 201-20
B.M. 201-18													B.M. 201-18 (G 57 1926)
1	121	509	422	5	149 93	56	39	215	340	5	68 10	58	SEE F.B. ~~3728-45~~ 2846-11
2	211	348	512	5	222 200	22	73	191	374	5	83 63	20	
	332	857 ✓				78	112	406 ✓				78 ✓	
B.M. 201-20	112	404 ✓										78	
	+220	451 ✓										156	B.M. 201-20 (N 430 1935) SIERRA HWY AT HO. # 35724 SEE F.B. 3728-45
		B.M. 201-20 TO B.M. 201-18, 11-10-72										1:57	P.M. T=58° OVERCAST-WINDY
B.M. 201-20													B.M. 201-20 (N 430 1935)
1	7	713	308	5	39 ½	62	278	849	579	5	328 222	64	
2.	167	788	468	5	172 162	10	117	182	418	5	123 111	12	
						74 ✓						76 ✓	
												74 ✓	
B.M. 201-18	175	501 ✓					396	031 ✓				150 ✓	B.M. 201-18 (G 57 1926)
							175	501 ✓					
						—	220	530 ✓					

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 201-20 TO B.M. 201-21
B.M. 201-20									B.M. 201-20 (N 430 1935)
1	202	162	503 5	221 183 38	26	360	327 5	45 7 38	SIERRA HWY AT HO. # 35724
	26	360						38	
	+175	802						76	
B.M. 201-21									B.M. 201-21 (P 430 1935)
			B.M. 201-21 TO		B.M. 201-20		11-10-72	1:50 PM T=58° OVERCAST	
B.M. 201-21									B.M. 201-21 (P430 1935)
1	26	263	327 5	45 7 38	202	082	503 5	221 183 38	
					26	263		38	
BM 201-20				-	175	819		76	B.M. 201-20 (N 430 1935)

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 59°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716
NOTES BY G.E. DREIER DATE 11-9-72 TIME 10:08 ROD NO. 1713A-
INDEXED L.D. BAILEY DATE FEB 9 1973 NOTES ROBERT E. HEACOCK DATE 15 FEB 73

F.B. 2846 PG. 203

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-21 TO B.M. 201-22
B.M. 201-21													B.M. 201-21 (P430 1935)
1	150	023	451	5	168 132	36	84	599	385	5	101 67	34	
	84	599 ✓										36 ✓	
	+ 65	424 ✓										70 ✓	
B.M. 201-22													B.M. 201-22 (EE 487 1955)
			B.M. 201-22 TO B.M. 201-21 11-10-72 - T=1:45										T=58° OVERCAST
BM 201-22													B.M 201-22 (EE 487 1955)
1	97	163	398	5	114 80	34	162	606	463	5	180 182	36	
							97	163 ✓				34 ✓	
							- 65	443 ✓				70 ✓	
B.M. 201-21													B.M. 201-21 (P430 1935)

F.B. 2846 PG. 204

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-9-77

INDEXED G. D. BAILEY DATE FEB 9 1973

WEATHER CLEAR 59°

TIME 10:15

NOTES CHKD ROBERT E. HEACOCK

INST. NO. 96716

ROD NO. 96716 1973

DATE 15 FEB 73

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CALLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER WEATHER 66° CLEAR

NOTES BY DREIER DATE 11-9-72 TIME 10:18 LT BR. INST. NO 26716

INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHECKED BY ROBERT B. HEACOCK DATE 13 FEB 73 ROD NO 17734

F.B. 2846 PG 205

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-22 TO B.M. 201-24
B.M. 201-22													B.M. 201-22 (EE 487 1955)
1	195	446	496	5	222 / 168	54	79	022	380	5	107 / 51	56	
2	208	121	509	5	224 / 192	32	141	760	442	5	155 / 127	28	
						86						84	
	403	567 ✓					220	782 ✓				86 ✓	
	220	782										170	
B.M. 201-24	182	785 ✓											B.M. 201-24 (M 811 1947 RESET 1955)
			B.M. 201-24 TO B.M. 201-22 11-10-72 T=56° 1:35 P.M OVERCAST-WINDY										
B.M. 201-24													BM 201-24 (M 811, 1947 RESET 1955)
1	113	299	414	5	138 / 88	50	228	189	529	5	250 / 206	44	
2	123	241	424	5	141 / 105	36	191	232	492	5	211 / 171	40	
						86						84	
B.M. 201-22												86	B.M. 201-22 (EE 487 1955)
	236	540 ✓										170	
							419	421 ✓					
							236	540 ✓					
							182	881 ✓					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-24 TO B.M. 201-25
B.M. 201-24									B.M. 201-24 (M 811, 1947 RESET 1955
1	279	999	580 5	301 257 44	83	851	384 5	106 ½ 83 46	
	83	851 ✓						44 ✓	
	+196	148 ✓						90 ✓	
B.M. 201-25									B.M. 201-25 (T 430 1935)
	B.M. 201-25 TO B.M. 201-24 11-10-72 1:25 T=65° OVERCAST WINDY								
B.M 201-25									B.M. 201-25
1	81	220	382 5	½ 104 81 46	277	428	578 5	299 255 44	
					81	220 ✓		46 ✓	
B.M 201-24					-196	208 ✓		90	B.M. 201-24

58°

WEATHER CLEAR

TIME 10:25

NOTES ROBERT P. HEACOCK

INST. NO. 96716

ROD NO. 1713 A-B

DATE 15 FEB 73

F.B. 2846 PG. 206

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-9-72

INDEXED G. D. BAILEY DATE FEB 9 1973

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 201-25 TO B.M. 201-27
B.M. 201-25									B.M. 201-25 (T430 1935)
1	289	591	590 5	289 / ½ 260 58	32	408	332 5	60 / 4 56	
2	180	519	481 5	188 / 172 16	135	700	436 5	143 / 127 16	
				74				72	⊼ R. SIEMANN
	470	110			168	108		74	
	168	108						146	
B.M. 201-27	+302	~~012~~ 002							B.M. 201-27 (DD 487 1955) SIERRA HWY S. OF COAST LIQUID GAS
				B.M. 201-27 TO B.M. 201-25					11-10-72 1:00 P.M., TEMP = 57° OVERCAST
B.M. 201-27									B.M. 201-27 (DD 487 1955)
1	56	862	357 5	76 / 36 40	236	528	537 5	257 / 215 42	
2	113	106	414 5	127 / 99 28	235	430	536 5	250 / 220 30	
				68				72	
								68	
B.M. 201-25									B.M. 201-25 (T430 1935)
	169	968			471	958		140	
					169	968			
					301	990			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 58° CLEAR LT. BR.
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 11-9-72 TIME 10:30 WEATHER
INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD. ROBERT L. HARCOCK DATE 15 FEB 73 ROD NO. 1713A INST. NO. 96714
F.B. 2846 PG 207

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 208 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 11-9-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER 61° CLEAR

TIME 10:40

NOTES ROBERT E. HEACOCK

INST. NO. 96716

ROD NO. 17134-B

DATE 15 FEB 73

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-27 TO B.M. 201-28
B.M. 201-27													B.M. 201-27 (DD 487 1955
1	242	952	543	5	260 224	36	56	070	357	5	73 39	34	
	56	070 ✓										36 ✓	
												70 ✓	π J.M
	+186	882 ✓											
B.M. 201-28													B.M. 201-28 (X 899 1955) INDIAN SPRINGS CA.
			B.M. 201-28 TO B.M. 201-27 11-10-72 11:50 AM. TEMP=58° OVERCAST										
B.M. 201-28													B.M. 201-28 (X 899 1955)
1	48	905	344	5	65 31	34	235	786	536	5	254 216	38	
							48	905 ✓				34 ✓	
												72 ✓	π T. MIYAHIRA
							-186	881 ✓					
B.M. 201-27													B.M. 201-27 (DD 487 1955)

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 58°

SURVEY BY G.E. DREIER DATE 11-9-72 WEATHER CLEAR, LT. BR. INST. No 86716

NOTES BY G.E. DREIER TIME 10:45 ROD No 17339

INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD. E. HEACOCK DATE 19 FEB 73

F.B. 2846 PG. 209

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-28 TO B.M. 201-29
B.M. 201-28													B.M. 201-28 (
1	288	583	589	5	12.88 / 22.66	44	68	929	369	5	91 / 45	46 / 44 / 90	
	68	929											
	+219	654											
B.M. 201-29													π J. MALDONADO
													B.M. 201-29 (Y 899 1955)
			B.M. 201-29				TO B.M. 201-28				11-9-72		11:00 A.M. 58° = TEMP. CLEAR
B.M. 201-29													B.M. 201-29 (Y 899 1955
1	64078		365	5	86 / 42	44	283	693	584	5	1.283 / 2.260	46 / 44 / 90	
							64078						
							-219615						
B.M. 201-28													B.M. - 201-28

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 201-29 TO B.M. 201-30
B.M. 201-29													B.M. 201-29 (Y 899 1955
1	255	928	556	5	1255 / 2236	38	24	240	325	5	43 / 5	38	
	24	240 ✓										38 ✓	
	+231	688 ✓										76 ✓	
B.M. 201-30													B.M. 201-30 Z 899 1955)
													B.M. 201-30 TO B.M. 201-29 11-9-72, 11:05, T.=58°, CLEAR
B.M. 201-30	25	282	326	5	44 / 6	38	257	010	558	5	1257 / 2238	38	B.M. 201-30
1							25	282 ✓				38 ✓	
												76 ✓	
							+231	728 ✓					
B.M. 201-29													B.M. 201-29

58°

WEATHER CLEAR INST. NO. 96716

TIME 11:00 ROD NO. 1713A-B

NOTE: ~~ROBERT E. HEACOCK~~ DATE 15 FEB 73

F.B. 2846 PG. 210

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-9-72

INDEXED G. D. BAILEY DATE FEB 9 1973

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER WEATHER 58° CLEAR

NOTES BY DREIER DATE 11-9-72 TIME 11:15 INST. NO. 9621

INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHECKED HEACOCK DATE 15 FEB 73 ROD NO. 17134-

F.B. 2846 PG. 211

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.201-30 TO B.M.201-31
B.M.201-30													B.M.201-30 (Z899 1955
1	224	001	525	5	243 205	38	48	591	349	5	67 29	38	
2	157	669	458	5	159 155	4	140	127	441	5	142 138	4	
	381	670 ✓				42	188	718 ✓				42 ✓	π J. MALDONADO
	188	718 ✓										42 ✓	
B.M.201-31	+192	952 ✓										84 ✓	B.M.201-31 (W 899 1955)
					π								
			B.M.201-31				TO B.M.201-30				11-10-72		11:45 A.M. TEMP= 57° OVERCAST
B.M.201-31													B.M.201-31 (W 899 1955)
1	37	116	338	5	56 18	38	230	148	531	5	258 210	40	
							37	116 ✓				38 ✓	
												78 ✓	
							−193	032 ✓					
B.M.201-30													B.M.201-30 (Z 899 1955)

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2846 PG. 212 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-9-72

INDEXED G.D. BAILEY DATE FEB 9 1973

58°

WEATHER LT. BR., CLEAR INST. NO 96716

TIME 11:25 A. ROD NO 173A-B

NOTES ROBERT E. HEACOCK DATE 15 FEB 73

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-31 TO B.M. 201-32
B.M. 201-31													B.M. 201-31 (W 899 1955)
1	235	608	536	5	254 216	38	45	139	346	5	64 26	38 38 76	
	45	139											
	+190	469											
													⊼ J. MALDONADO
B.M. 201-32													B.M. 201-32 (V 899 1955) SIERRA HWY & PEARBLOSSOM HWY SEE F.B. 3728-69
			B.M. 201-32 TO B.M. 201-31 11-10-72										11:35 A.M. T = 57° OVERCAST
B.M. 201-32													B.M. 201-32 (V 899 1955)
1	43	783	344	5	62 24	38	234	280	535	5	252 216	36 38 74	
							43	783					
							+190	497					⊼ T. MIYAHIRA
B.M. 201-31													B.M. 201-31 (W 899 1955)

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER
NOTES BY DREIER DATE 11-9-72
INDEXED G.D. BAILEY DATE FEB 9 1973
WEATHER CLEAR CALM 60°
TIME 11:25
NOTES CHKD
F.B. 2846 PG. 213
INST. NO. 96716
ROD NO. 1713A
DATE 15 FEB 73

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 201-32 TO B.M. 201-33A
B.M. 201-32									B.M. 201-32 (V899 1955)
1	189	358	490 5	200 178 22	18	629	319 5	30 6 24	SIERRA Hwy & PEARBLOSSOM Hwy
2	287	450	588 5	1/2 287 263 48	19	559	320 5	1/2 43 19 48	SEE F.B. 3728-69
				70				72	
	476	808 ✓			38	188 ✓		72	⊼ J. MALDONADO
	38	188 ✓							
M. 201-33A	+438	620 ✓						142	B.M. 201-33A (U899 RESET 1969)
									SIERRA Hwy & PEARBLOSSOM Hwy
									SEE F.B. 3728-72
				B.M. 201-33A TO B.M. 201-32					11:25 AM. TEMP = 58° PART CLOUDY
B.M. 201-33A									B.M 201-33A (U899 RESET 1969)
1	13	006	314 5	1/2 42 13 58	294	050	595 5	1/2 294 266 56	
2	96	011	397 5	114 78 38	253	563	554 5	272 234 38	
				96				94 ✓	⊼ T. MIYAHIRA
	109	017 ✓			547	613 ✓		96 ✓	
					109	017 ✓		190 ✓	
B.M. 201-32					-438	596 ✓			B.M. 201-32 (V899 1955)

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 2846 PG. 214 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-9-72

INDEXED G. D. BAILEY DATE FEB 9 1973

WEATHER CLEAR-CALM 63° INST. NO. 96716

TIME 11:40 ROD NO. 1713A-E

NOTES ROBERT E. HEACOCK DATE 15 FEB 73

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-33A TO B.M. 201-34A
B.M. 201-33A													B.M. 201-33A (U899 RESET 1969
1	167	997	468	5	171 163	8	118	662	419	5	122 114	8	SIERRA HWY & PEARBLOSSOM HWY
✓	118	662 ✓										8 ✓	SEE F.B. 3728-72
	+49	335 ✓										16 ✓	
													π J. MALDONADO
B.M. 201-34A													B.M. 201-34A (LOFT 2 1969 B.M. RESE
													SIERRA HWY & PEARBLOSSOM HWY
													SEE F.B. 3728-74
													B.M. 201-34A TO B.M. 201-33A 11-10-72 11:15 AM T=58° OVERCAST
B.M. 201-34A													B.M. 201-34A (LOFT 2 1969 B.M. RESE
1	119	254	420	5	123 115	8	168	585	469	5	172 164	8	
							119	254 ✓				8 ✓	π T. MIYAHIRA
												16	
							~~49~~	331 ✓					
B.M. 201-33A							-49						B.M. 201-33A (U899 RESET 1969

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 63°
SURVEY BY G.E. DREIER WEATHER CLEAR
NOTES BY G.E. DREIER DATE 11-9-72 TIME 11:50 INST. NO. 96716
INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD ROBERT E. HEACOCK DATE 15 FEB ROD NO. 1713A-
F.B. 2846 PG 215

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 201-34A TO B.M. 201-35
B.M. 201-34A									B.M. 201-34A (LOFT 2 1969 B.M. RESET)
1	282	239	583 5	282 ½ 250 64	221	872	522 5	254 188 66	SIERRA HWY & PEARBLOSSOM HWY
✓	221	872 ✓						64 ✓	SEE F.B. 3728-74
	+ 60	367 ✓						130	
									⊼ J. MALDONADO
B.M. 201-35									B.M. 201-35 (T 899 1955) SIERRA HWY & PEARBLOSSOM HWY SEE F.B. 3728-75
				B.M. 201-35 TO B.M. 201-34A 11-10-72					A.M. TEMP. = 58° PART CLOUDY
B.M. 201-35									B.M. 201-35 (T 899 1955)
1	147	907	448 5	179 115 64	208	345	509 5	241 175 66	
✓					147	907 ✓		64 ✓	
					- 60	438 ✓		130 ✓	⊼ T. MIYAHIRA
B.M. 201-34A									B.M. 201-34A (LOFT 2 1969 B.M. RESET)

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-35 TO B.M. 201-36
B.M. 201-35									B.M. 201-35 (T 899 1955)
1	298	683	599 5	1298 2290 16	11	400	312 5	½ 21 11 20	SIERRA Hwy & PEARBLOSSOM Hwy S.W. Co
									SEE F.B. 3728-75
2 ✓	290	442	591 5	1290 ½272 36	58	441	359 5	77 39 38	
				52				58	⊼ T. OHASHI
3	258	189	559 5	276 240 36	113	449	414 5	127 99 28	
				88				86	
	847	314 ✓			183	290 ✓		88	
	183	290 ✓						174	
B.M. 201-36	+664	024 ✓							B.M. 201-36 (P 811, 1947 RESET 195
									SEE F.B. 3728-77
									B.M. 201-36 TO B.M. 201-35 11-10-72 TEMP. = 58° OVERCAST
B.M. 201-36									B.M. 201-36 (P 811, 1947 RESET 195
1	54	730	355 5	70 38 32	197	985	498 5	213 181 32	
2 ✓	29	293	330 5	48 10 38	281	526	582 5	299 263 36	
				70				68	
3	17	925	318 5	26 8 18	286	485	587 5	295 277 18	
				88				86	
	101	948 ✓			765	996 ✓		88	
					101	948 ✓		174	
B.M. 201-35					-664	048 ✓			B.M. 201-35 (T 899 1955)

68°

WEATHER CLEAR SLIGHT BR. INST. NO. 96716

TIME 1:00 ROD NO. 1713 A-E

NOTES CHKD. ROBERT E. HEACOCK DATE 15 FEB 75

JOB NO. 030102

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-9-72

INDEXED G.D. BAILEY DATE FEB 9 1973

F.B. 2846 PG. 216

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 11-9-72 WEATHER CLEAR CALM 70° TIME 1:30
INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES CHKD ROBERT E. HEACOCK DATE 15 FEB 73
INST. NO 96716 ROD NO 173A-1
F.B. 2846 PG. 217

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-36 TO B.M. 201-37
B.M. 201-36													B.M. 201-36 (P811, 1947 RESET 1955)
1	289	729	590	5	305 273	32	16	330	317	5	33 -1	34	SEE F.B. 3728-77
2	129	441	430	5	135 123	12	72	100	373	5	76 68	8	
						44						42	
	419	170					88	430				44	T. OHASHI
	88	430										86	
	+330	740											
B.M. 201-37													B.M. 201-37 (S 899 1935) SIERRA HWY, E. SIDE AT CULVERT 20.97 SEE F.B.
													B.M. 201-37 TO B.M. 201-36 11-10-72 55° OVERCAST
B.M. 201-37													B.M. 201-37 (S 899 1935)
1	48	512	439	5	65 31	34	262	608	563	5	279 245	34	
2	86	160	387	5	92 80	12	202	810	503	5	208 196	12	
						46						46	
	134	672					465	418				46	
							134	672				92	
B.M. 201-36							-330	746					B.M. 201-36 (P 811 1947 RESET 1955)

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-37 TO B.M. 201-37A
B.M. 201-37													B.M. 201-37 (S899 1955)
1	238	694	539	5	257 219	38	111	820	412	5	130 92	38	SIERRA HWY, E. SIDE AT CULVERT 20.9
	111	820 ✓										38 ✓	SEE F.B.
✓	126	874 ✓										76	↑ T. OHASHI
B.M. 201-37A													B.M. 201-37A (N1147 1961)
	B.M. 201-37A TO B.M. 201-37, 11-10-72 10:40, TEMP = 55° OVERCAST												
B.M. 201-37A													B.M. 201-37A (N1147 1961
1	94	620	395	5	113 75	38	221	569	522	5	241 201	40	
✓							94	620 ✓				38 ✓	
							126	949 ✓				78 ✓	
B.M. 201-37													

F.B. 2846 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-9-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER CLEAR INST. NO. 96716

TIME 145 ROD NO. 1713A-E

NOTES ROBERT D. HEACOCK DATE 15 FEB 73

68°

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 201-37A TO B.M. 201-37B
B.M. 201-37A									B.M. 201-37A (N 1147 1961)
1	263	632	564 5	268 / 258 10	62	111	363 5	67 / 57 10	
2	194	771	495 5	196 / 192 4	14	885	315 5	16 / 12 4	
				14				14	
	458	403			76	996		14	T. OHASHI
	76	996						28	
	+381	407							
B.M. 201-37B									B.M. 201-37B (Q 1147 1961)
				B.M. 201-37B TO B.M. 201-37A					11-10-72, 10:25 A.M., 53° OVERCAST
B.M. 201-37B									B.M. 201-37B (Q 1147 1961)
1	5	980	306 5	7 / 5 4	242	070	543 5	244 / 240 4	
2	52	630	353 5	55 / 49 6	197	997	498 5	200 / 194 6	
				10				10	
	58	610			440	067		10	
					58	610		20	
					-381	457			
B.M. 201-37A									BM. 201-37A (N 1147 1961)

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 68°
SURVEY BY DREIER WEATHER CLEAR
NOTES BY DREIER DATE 11-9-72 TIME 1:50 INST. NO 9671
INDEXED G.D. BAILEY DATE FEB 9 1973 NOTE ROBERT DE HEACOCK DATE 15 FEB 73 ROD NO 1713A
F.B. 2846 PG. 219

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-37B TO B.M. 201-37C
B.M. 201-37B													B.M. 201-37B (Q 1147 1961)
1	295	755	596	5	301 289	12	5	015	306	5	13 ½ 5	16	W. SIDE OF SIERRA HWY ON ROCKS
	5	015 ✓										12 ✓	SEE F.B. 3728-80
✓	+290	740 ✓										28 ✓	
B.M. 201-37C													B.M. 201-37C (P 1147 1961)
													W. SIDE OF SIERRA HWY ON ROCKS
													SEE F.B. 3728-80
	B.M. 201-37C TO B.M. 201-37B												
							11-10-72, 10:15 A.M., 52° OVERCAST						
B.M. 201-37C													B.M. 201-37C (P 1147
1	6	985	307	5	13 ½ 6	14	297	781	598	5	304 290	14	
✓							6	985 ✓				14	
							-290	796 ✓				28 ✓	
B.M. 201-37B													B.M. 201-37B (Q 1147 1961)

67°

WEATHER CLEAR-CALM INST. NO. 96716

TIME 2:05 ROD NO. 1713A-B

NOTES CHKD ROBERT E. HEACOCK DATE 15 FEB 73

F.B. 2846 PG. 220 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 11-9-72

INDEXED G.D. BAILEY DATE FEB 9 1973

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CALLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER WEATHER 65° CLEAR, CALM

NOTES BY DREIER DATE 11-9-72 TIME 2:10 INST. NO. 9671

INDEXED G. D. BAILEY DATE FEB 9 1973 NOTES ROBERT E. HEADCOCK DATE 14 FEB 73 ROD NO. 17134

F.B. 2846 PG. 22-1

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-37C TO B.M. 201-38
B.M. 201-37C									B.M. 201-37C (P1147 1961)
1	16	700	312 5	20 12 8	290	826	591 5	296 284 12	SIERRA HWY, W. SIDE, ON ROCKS
									SEE F.B. 3728-80
2	131	053	432 5	149 113 36	9	193	310 5	23 ½ 9 28	
				44				40	
	+147	753			300	019		44	
					147	753		84	
					-152	266			
B.M. 201-38									B.M. 201-38 (R 899 1955)
									SEE F.B. 2846-19
				B.M. 201-38 TO B.M. 201-37C, 11-10-72, 10:00 A.M. T = 53° OVERCAST					
B.M. 201-38									B.M. 201-38 (R 899 1955)
1	11	771	312 5	26 ½ 11 30	80	570	381 5	97 63 34	
2	255	100	556 5	261 249 12	34	137	335 5	39 29 10	
				42				44	
	266	871			114	707		42	
	114	707						86	
B.M. 201-37C	+152	164							B.M. 201-37C (P1147 1961)

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 222 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-9-72

INDEXED G. D. BAILEY DATE FEB 9 1973

64° WEATHER CALM, CLEAR INST. NO. 96716

TIME 2:25 ROD NO. 1713 A-E

NOTES CHKD. ROBERT E. HEACOCK DATE 15 FEB 73

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-38 TO B.M. 201-39
B.M. 201-38									B.M. 201-38 (R 899 1955)
1	177	358	478 5	190 164 26	26	000	327 5	39 13 26	SEE F.B. 2846-19
2	285	811	586 5	299 271 28	85	750	386 5	99 71 28	
3	249	435	550 5	253 245 8	124	802	425 5	127 121 6	
				62				60	T. OHASHI
	612	604 ✓			236	552 ✓		62 ✓	
	236	552 ✓						122	
B.M. 201-39	376	052 ✓							B.M. 201-39 (Q 899 1955)
	4								E. SIDE SIERRA HWY AT CULVERT 21.1 SEE F.B.
				B.M. 201-39 TO	B.M. 201-38			11-10-72	9:00 AM. T=52° OVERCAST
B.M. 201-39									B.M. 201-39 (Q 899 1955)
1	5	388	306 5	19 ½ 5 28	284	600	585 5	298 270 28	
2	51	268	352 5	65 37 28	248	151	549 5	264 232 32	
				56 ✓				60 ✓	
	56	656 ✓			532	751 ✓		56 ✓	
					56	656 ✓		116 ✓	
B.M. 201-38					476	095 ✓			B.M. 201-38 (R 899 1955)

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER

NOTES BY DREIER DATE 11-9-72 WEATHER CLEAR CALM TIME 2:35 TO 3:00 INST. NO 96716 ROD NO 7134-64°

INDEXED G.D. BAILEY DATE FEB 9 1973 NOTES ROBERT E. HEADCOCK DATE 15 FEB '73

F.B. 2846 PG. 223

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.201-39 TO B.M.201-40
B.M.201-39									B.M.201-39 (Q899 1955)
1	274	190	575 5	295 253 42	18	551	319 5	39 1 40	E. SIDE SIERRA HWY, AT CULVERT 21.17
									SEE F.B. 3728-83
2 ✓	283	439	584 5	291 275 16	14	987	314 5	23 3 20	
3	286	480	587 5	290 282 58 8 66	14	140	315 5	17 11 6	T. OHASHI
	844	109 ✓			46	678 ✓		66 66	
	46	678 ✓						132	
	+797	431 ✓							
B.M.201-40									B.M.201-40 (LOFT A 1938)
									SEE F.B. 3728-85
			B.M. 201-40		TO	B.M. 201-39			11-10-72, 9:30 A.M., T=52° OVERCAST
B.M.201-40									B.M. 201-40 (LOFT A 1938)
1	4	583	305 5	10 4 12	293	767	594 5	300 286 14	
2 ✓	13	329	314 5	22 4 18	287	141	588 5	294 280 14	
3	24	458	325 5	42 6 30 36 66	259	027	560	280 238 42	
	42	370 ✓			839	935 ✓		70 66	
					42	370 ✓		136	
					+797	565 ✓			
B.M.201-39									B.M.201-39 (Q899 1955)
									E. SIDE SIERRA HWY AT CULVERT 21.17

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									RERUN FROM B.M. 201-39 TO B.M. 201-40
B.M. 201-39									B.M. 201-39 (Q899 1955)
1	296	610	597 5	1/2 296 273 46	8	934	309 5	1/2 30 8 44	E. SIDE SIERRA HWY AT CULVERT 21.17
									SEE F.B. 3728-83
2 ✓	278	854	579 5	284 272 22 68	22	564	323 5	32 12 20 64	RERUN ⇑ T. OHASHI
3	263	736	564 5	266 260 6 74	10	292	311 5	15 5 10 74	
	839	200 ✓			41	790 ✓		74 ✓	
	41	790 ✓						148 ✓	
	+797	410 ✓							
B.M. 201-40									B.M. 201-40 LOFT A 1938
									SEE F.B. 3728-85
	RERUN B.M. 201-40 TO B.M. 201-39 11-13-72								10:40 A.M. TEMP = 54° OVERCAST
B.M. 201-40									B.M. 201-40
1	13	665	314 5	18 8 10	267	159	568 5	270 264 6	
2 ✓	22	630	323 5	32 12 20 30	276	371	577 5	287 265 22 28	
3	4	862	305 5	1/2 24 4 40 70	295	053	596 5	1/2 295 274 42 70	
	41	157 ✓			838	583 ✓		70 ✓	
					41	157 ✓		140 ✓	
					797	426 ✓			
B.M. 201-39									B.M. 201-39

56° THIN CLOUDS

WEATHER LIGHT WIND INST. NO. 96716

TIME 10:25 ROD NO. 1713 A-B

NOTES CHKD. ROBERT E. HEACOCK DATE 15 FEB 73

F.B. 2846 PG. 224 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-13-72

INDEXED G.D. BAILEY DATE FEB 9 1973

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]NGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible]IS SHEET MUST BE MADE OR [illegible]ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-40 TO B.M. 201-41
B.M. 201-40													B.M. 201-40 (LOFT A 1938)
1	15	309	316	5	21 / 9	12	289	410	590	5	295 / 283	12	SIERRA HWY
													B.M. 2846-20
2 ✓	10	277	311	5	13 / 7	6	280	160	581	5	284 / 276	8	
						18						20	⊼ R. SIEMANN
3	16~~7~~6	926	467	5	178 / 154	24	114	315	415	5	126 / 102	24	
						42 ✓						44 ✓	
B.M. 201-41												42 ✓	B.M. 201-41 (U.S.C.&G.S. P-899 1955)
	192	512 ✓					683	885 ✓				86 ✓	SIERRA HWY
							192	512 ✓					SEE F.B. 2846-20
							491	373					
			B.M. 201-41				B.M. 201-40						
B.M. 201-41	11-17-72		11:45 - 12:00			T= 48°	OVERCAST						B.M. 201-41
1	278	103	579	5	287 / 269	18	20	911	321	5	30 / 10	20	
2 ✓	283	024	584	5	287 / 279	8	77	420	378	5	80 / 74	6	
						26						26	
3	182	182	483	5	186 / 178	8	153	640	454	5	157 / 149	8	
						34 ✓						34 ✓	
B.M. 201-40												34 ✓	B.M. 201-40
	743	309 ✓					251	971 ✓				68 ✓	
	251	971 ✓											
+	491	338 ✓											

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 11-13-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER OVERCAST T=50°

TIME 11:15 - 11:20

NOTES CHKD ROBERT E. HEACOCK DATE 15 FEB 73

INST. NO. 96716

ROD NO. 1713 AE

F.B. 2846 PG. 225

F.B. 2846 PG. 226

JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY G.E. Dreier NOTES

INDEXED G. D. BAILEY DATE FEB 9 1973

WEATHER

TIME

NOTES CHKD ROBERT E. HEACOCK

INST. NO. 96716

ROD NO. 1713 A & B

DATE 15 FEB '73

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 201-41									FROM B.M. 201-41 TO B.M. 201-40
1			~~5~~				~~5~~		B.M. 201-41 (P.899 1955)
2.			5				5		SEE F.B. 2846-20
			5				5		

VOID

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CORRECTED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-41 TO B.M. 201-42
B.M. 201-41													B.M. 201-41 (P899-1955)
1	233	578	534	5	251 / 215	36	28	499	329	5	44 / 12	32	SEE F.B (2846-20)
2 ✓	180	425	481	5	183 / 177	6	112	381	413	5	116 / 108	8	⊼ R. SIEMANN
						42						40	
B.M. 201-42												42	BM. 201-42 (USC&GS. N-899) 1955
	414	003 ✓					140	880 ✓				82	SEE F.B. 3728-89
	140	880 ✓											
+	273	123 ✓											
	B.M. 201-42 - BM. 201-41												
	11-17-72 - 11:35 - 11:40 T = 46° OVERCAST.												
B.M. 201-42													B.M. 201-42
X ✓	~~7~~	~~557~~	~~308~~	~~5~~	~~½~~ 20 / 7	~~26~~	~~273~~	~~620~~	~~574~~	~~5~~	~~286~~ / ~~260~~	~~26~~	
							~~7~~	~~557~~					
BM. 201-41							~~266~~	~~113~~					B.M. 201-41
1	11	560	312	5	½ 32 / 11	42	284	638	585	5	304 / 264	40	
							11	560 ✓				42	
							-253	078 ✓				82	
							7						

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 11-13-72

INDEXED G. D. BAILEY DATE FEB 9 1973

WEATHER OVERCAST T=50°

TIME 11:20 - 11:25

NOTES ROBERT E. HEACOCK

INST. NO. 96716

ROD NO. 1713A

DATE 15 FEB 73

F.B. 2846 PG. 227

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 201-42 TO B.M. 201-43
B.M. 201-42													B.M. 201-42 (N 899-1955)
1	286	380	587	5	297 / 275	22	46	071	349	5	60 / 32	28	SEE F.B. 3728-89
2	294	394	595	5	½ 294 / 272	44	4	850	305	5	½ 24 / 4	40	R. SIEMANN
						66						68	
B.M. 201-43												66	B.M. 201-43 (M 899-1955)
	580	774					50	921				134	SEE F.B. 3728-91
	50	921											
+	529	853											

B.M. 201-43 — B.M. 201-42

11-17-72 11:30 — 11:35 T = 46° OVERCAST

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 201-43													
1	28	480	329	5	48 / 8	40	292	231	593	5	½ 292 / 272	40	
B.M. 201-42													
2	7	557	308	5	½ 20 / 7	26	273	670	574	5	286 / 260	26	
						66						66	
												66	
	36	037					565	901				132	
							36	037					
							-529	864					

F.B. 2846 PG. 228

SURVEY OF ~~G.E. DREIER~~ L.A. Co. PRECISE LEVEL NET. JOB NO. 0301.02

SURVEY BY G.E. DREIER NOTES T. OHASHI 11-13-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER T=50° OVERCAST INST. NO. 96716

TIME 11:25 - 11:35 ROD NO. 1713 A & B

NOTES CHKD ROBERT E. HEACOCK DATE 15 FEB 73

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-43 TO B.M. 201-44
B.M. 201-43													B.M. 201-43 (M899 - 1955)
1 ✓	276	749	577	5	292 / 260	32	15	882	316	5	30 / 0	30	SEE F.B. 3728-91
	15	882										32	* R. SIEMANN
B.M. 201-44	+260	867										62	B.M. 201-44 (ATLAS 1938)
													BY CULVERT # 21.42
													SEE F.B. 3728-93
													B.M. 201-44 TO B.M. 201-43
	11-17-72												11:25-11:30 T=50° OVERCAST
B.M. 201-44													
1 ✓	9	531	310	5	½ 25 / 9	32	270	348	571	5	285 / 255	30	
							9	531				32	
B.M. 201-43							-260	817				62	

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 11-13-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER T=50° OVERCAST

TIME 11:35 - 11:45

NOTES ROBERT E. HEACOCK DATE 15 FEB 73

INST. NO. 967

ROD NO. 1713

F.B. 2846 PG. 229

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 201-44 TO B.M. 201-45
B.M. 201-44													B.M. 201-44 (ATLAS 1938)
1	137	462	438	5	139 / 135	4	151	471	452	5	153 / 149	4	BY CULVERT # 21.42
							137	462				4	SEE F.B. 3728-93
B.M. 201-45							14	009				8	R. SIEMANN
													B.M. 201-45 (ATLAS 1938)
													BY CULVERT # 21.42
													SEE F.B. 3728-93
	B.M. 201-45 TO B.M. 201-44												
	11-17-72 11:20-11:25 T=48° OVERCAST												
B.M. 201-45													B.M. 201-45
1	157	542	458	5	159 / 155	4	143	558	444	5	145 / 141	4	
	143	558						~~158~~	~~542~~			4	
B.M. 201-44	+13	984						~~399~~	~~902~~			8	

F.B. 2846 PG. 230

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET.

SURVEY BY G.E. DREIER NOTES T. OHASHI 11-13-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER OVERCAST T=50 INST. NO. 96216

TIME 11:40 - 11:45 ROD NO. 1713 A & B

NOTES RECORDED ROBERT E. HEACOCK DATE 15 FEB 73

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 201-45 TO B.M. 201-~~46~~ 47
B.M. 201-45													B.M. 201-45 (ATLAS 1938)
1	290	364	591	5	305 / 275	30	44	060	345	5	60 / 28	32	BY CULVERT # 21.42
													SEE F.B. 3728-93
2	296	083	597	5	306 / 286	20	22	800	323	5	32 / 12	20	
						50						52	
3. ✓	293	740	594	5	307 / 279	28	27	431	328	5	41 / 13	28	⊼ R. SIEMANN
						78						80	
4.	298	390	599	5	½ 298 / 282	32	9	140	310	5	½ 26 / 9	34	
						110						114	
5.	242	480	543	5	250 / 234	16	78	181	379	5	85 / 71	14	
						126						128 ✓	
B.M. 201-47												126	B.M. 201-47 (K-431 1935)
	1421	057 ✓					181	612 ✓				✓ 254	BY CULVERT # 21.57
	181	612 ✓											SEE F.B. ~~3728-93~~ 2846-23
+	1239	445 ✓											

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 11-13-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER OVERCAST T=5

TIME 11:45 - 12:00

NOTES CHKD. ROBERT E. HEACOCK

INST. NO. 96716

ROD NO. 1713A3

DATE 15 FEB 73

F.B. 2846 PG. 231

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

INST. NO. 9616 ROD NO. 7134 DATE 15 FEB 73

WEATHER OVERCAST TIME 11:14 NOTES CHKD. ROBERT E. HEACOCK

T-526

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-47 TO B.M. 201-45
B.M. 201-47													B.M. 201-47 (K431-1935)
1	~~10~~ 9	973	316	5	½ 27 4	32	297	475	598	5	K 297 283	28	By Culvert #21.57
													See F.B. 2846-23
2	5	264	306	5	½ 20 5	30	299	565	600	5	½ 299 284	30	
						62						58	
3 ✓	11	131	312	5	½ 26 4	30	295	530	596	5	½ 295 281	28	T. R. Siemann
						92						86	
4.	15	062	316	5	30 8	30	285	210	586	5	302 268	34	
						122						120	
5	95	111	396	5	99 91	8	198	148	499	5	201 195	6	
						130						126 ✓	
B.M. 201-45												130	B.M. 201-45 (Atlas-1938)
	136	541 ✓					1375	928 ✓				256 ✓	By Culvert #21.42
							136	541 ✓					See F.B. 3728-93
							1239	387 ✓					

F.B. 2846 PG. 232 JOB NO. 030102

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY See Order NOTES T. Quash 11-17-72

INDEXED G.D. BAILEY DATE FEB 9 1973

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-47 TO B.M. 201-48
B.M. 201-47													B.M. 201-47 (U.S.C.&G.S. K-431)
1	284	531	585	5	300 / 268	32	15	168	316	5	28 / 2	26	SIERRA HWY. & CULVERT # 21.57
													SEE F.B. 2846-23
2	278	779	579	5	290 / 266	24	3	288	304	5	19 ½ / 3	30	
						56						56	T = MALDONADO
3	297	189	598	5	297 ½ / 283	28	4	151	305	5	20 ½ / 4	32	
						84						88	
4	222	670	523	5	229 / 215	14	26	893	327	5	31 / 21	10	
						98						98	
B.M. 201-48												98	B.M. 201-48 (U.S.C.&G.S. E-1000)
	1083	169					49	500				196	SIERRA HWY. & FRWY. ENTRANCE
	49	500											SEE F.B. 2846-24
	+1033	669											
	B.M. 201-48 TO 201-47						11-17-72				10:45		T = 52° CLOUDY TO
B.M. 201-48													
1	13	471	314	5	26 / 0	26	268	861	569	5	279 / 257	22	
2	8	141	309	5	18 ½ / 8	20	277	888	578	5	289 / 265	24	
						46						46	
3	4	032	305	5	19 ½ / 4	30	293	812	594	5	308 / 279	29	
						76						75	
4	20	811	321	5	32 / 8	24	239	611	540	5	251 / 227	24	
						100						99	
												100	
B.M. 201-47													
	46	455					1080	172				199	
							46	455					
							-1033	717					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER DATE 11-13-72 WEATHER OVERCAST INST. NO. 76716

NOTES BY SIEMANN TIME 1:30 PM ROD NO. 17134

INDEXED G. D. BAILEY DATE FEB 9 1973 NOTES CHKD ROBERT E. HEACOCK DATE 15 FEB 73

T = 56°

F.B. 2846 PG. 23

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-48 TO 201-49A
B.M. 201-48													B.M. 201-48 (U.S.C. & G.S. E-1000
1	221	322	522	5	236 206	30	3	342	304	5	1/2 19 3	32	SIERRA HWY. & FRWY. ENT.
													SEE F.B. 2846-24
2	298	479	599	5	1/2 298 284	28	3	642	304	5	1/2 16 3	26	
						58						58	
3	290	608	591	5	303 277	26	47	472	348	5	60 34	26	
						84						84	π = MALDONADO
4	236	802	537	5	248 224	24	32	869	333	5	44 20	24	
						108						108	
5	163	666	464	5	165 161	4	90	997	391	5	92 88	4	
						112						112	
B.M. 201-49A												112	B.M. 201-49A (U.S.C. & G.S. M-431) RESET
	1210	877					178	322				224	SIERRA HWY. E. OF OVERCROSS.
	178	322											SEE F.B. 3728-103
	+1032	555											

B.M. 201-49A TO B.M. 201-48 11-17-72 10:25 TO 10:45 T=50° OVERCAS

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 201-49A													
1	34	078	335	5	38 30	8	185	383	486	5	190 180	10	
2	12	712	313	5	1/2 31 12	38	298	899	599	5	1/2 298 282	32	
						46						42	
3	13	610	314	5	27 -1	28	300	092	601	5	1/2 300 287	26	
						74						68	
4	8	323	309	5	1/2 23 8	30	257	642	558	5	276 238	38	
	123	500	424		126 120	104 6	182	772	483	5	185 179	106 6	
						110						112	
B.M. 201-~~49A~~ 48												110	
	192	223					1224	788				222	
							192	223					
							1032	565					

F.B. 2846 PG. 234 JOB NO. 0302.01

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-13-72

INDEXED G. D. BAILEY DATE FEB 9 1973

WEATHER OVERCAST INST. NO. 96716

TIME 1:40 ROD NO. 1713 A B

NOTES CHKD. ROBERT E. HEACOCK DATE 15 FEB 73

T = 54°

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 50°

SURVEY BY G. E. DREIER WEATHER OVERCAST INST. NO. 2671

NOTES BY SIEMANN DATE 11-13-72 TIME ROD NO. 1713A

INDEXED R. D. BAILEY DATE FEB 9 1973 NOTES ROBERT E. HEACOCK DATE 15 FEB 73

F.B. 2846 PG. 235

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 201-49A TO B.M. 201-50A
B.M. 201-49A													B.M. 201-49A (U.S.C.&G.S. RESET M-431)
1	182	278	483	5	201 163	38	51	968	352	5	70 32	38	SIERRA HWY. E. OF FRWY. OVERCROSS.
2	~~255~~ 260	762	561	5	271 249	22 60	3	239	304	5	½ 13 3	20 58 60	SEE F.B. 3728-103 T = MALDONADO
B.M. 201-50A													B.M. 201-50-A (U.S.C.&G.S. A-994)
	443	040					55	207				118	SIERRA HWY. & BR. # 53-1004
	55	207											SEE F.B. 3728-107
+	387	833											
	B.M. 201-50A TO 201-49A						11-17-72		10:15 TO 10:25				OVERCAST T = 50°
B.M. 201-50A													
1	23	312	324	5	30 16	14	220	368	521	5	229 211	18	
2	11	657	312	5	½ 32 11	42 56	2	350	503	5	223 181	42 60 56	
B.M. 201-49A													
	34	969					422	918				116	
							3	4969					
							387	749					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 236 | JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-13-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER OVERCAST INST. NO. 96716

TIME 2:15 TO 2.25 ROD NO. 71348

NOTES BY ROBERT HEACOCK DATE 15 FEB 73

T = 50°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 201-50A TO B.M. 201-51
B.M. 201-50A													B.M. 201-50-A (U.S.C.&G.S. A-99
1	7	749	308	5	12 / 2	10	184	343	485	5	188 / 180	8	SIERRA HWY. & BR. #53-1004
													SEE F.B. 3728-107
2	267	132	568	5	286 / 248	38 / 48	69	651	370	5	87 / 51	36 / 44 / 48	π = MALDONADO
B.M. 201-51													B.M. 201-51 (U.S.C.&G.S. L-899)
	274	881					253	994				92	SIERRA HWY. W. OF B.R. #53-1004
	253	994											SEE F.B. 3728-109
	+ 20	887											
			11-17-72				10:10 TO 10:15				OVERCAST		T = 52°
B.M. 201-51													
1	32	123	333	5	51 / 13	38	230	741	531	5	249 / 211	38	
2	236	182	537	5	241 / 231	10 / 48	58	462	359	5	63 / 53	10 / 48 / 48	
B.M. 201-50A													
	268	305					289	203				96	
							268	305					
							+ 20	898					

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHANGED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-51 TO B.M. 201-52
M.201-51													B.M. 201-51 (U.S.C.&G.S. L-899)
1	79	150	380	5	93 65	28	149	571	450	5	163 135	28	SIERRA HWY. W. OF BR. # 53-1004
													SEE F.B. 3728-109
2 ✓	209 ~~149~~	723	510	5	238 180	58	238	452	539	5	267 209	58	T = MALOONADO
						86 ✓						86 ✓	
M.201-52												86	B.M. 201-52 (U.S.C.&G.S. Q-811)
	288	873 ✓					388	023 ✓				172 ✓	SIERRA HWY. W. OF ANGELES FORREST HWY
							288	873 ✓					SEE F.B. 3728
							-99	150 ✓					
			11-17-72				10:00 TO 10:10				T = 52°		OVERCAST
B.M.201-52													
1	255	461	556	5	299 255	88	163	020	464	5	208 118	90	
2 ✓	149	611	450	5	151 147	4	142	958	443	5	143 141	2	
						92 ✓						92 ✓	
												92 ✓	
B.M.201-51												184 ✓	
	405	072 ✓					305	978 ✓					
	305	978 ✓											
	-99	094 ✓											

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 50°

SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716

NOTES BY SIEMANN DATE 11-13-72 TIME 2:40 PM ROD NO. 17134

INDEXED B.D. BAILEY DATE FEB 9 1973 NOTES CHKD DATE 15 FEB 73

F.B. 2846 PG. 237

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 201-52 TO 201-52A
B.M. 201-52													B.M. 201-52 (U.S.C.&G.S. 0.811)
1	3 ~~3~~9	538	340	5	58 20	38	217	490	518	5	236 198	38	SIERRA HWY. & ANGELES FOREST HW
													SEE F.B. 3728-111
2 ✓	109	220	410	5	148 70	78	218	972	519	5	256 180	76	⊼ = MALDONADO
						116 ✓						114 ✓	
B.M. 201-52A												116 ✓	B.M. 201-52A (U.S.C.&G.S. S-1147
	148	758 ✓					436	462 ✓				230	SIERRA HWY. & RR. MILEPOST 42
							148	758 ✓					SEE F.B.
						-	287	704 ✓					
			11-17-72		9:55 TO 10:10		T = 50						OVERCAST - LT. BREEZE
B.M. 201-52A													
1 ✓	225	610	526	5	252 198	54	143	038	444	5	169 117	52	
2	230	987	531	5	260 200	60	25	843	326	5	156 225	62	
						114 ✓						114 ✓	
B.M. 201-52												114 ✓	
	456	597 ✓					168	881 ✓				228 ✓	
	168	881 ✓											
+	287	716 ✓											

F.B. 2846 PG. 238 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-13-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER OVERCAST INST. NO. 96716

TIME 2:45 ROD NO. 1713 AB

NOTE ROBERT E. HEACOCK DATE 15 FEB 73

T = 50°

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHANGED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 50°

SURVEY BY G. E. DREIER WEATHER OVERCAST INST. NO 9671

NOTES BY SIEMANN DATE 11-13-72 TIME 2:45 TO 2:50 ROD NO 17134

INDEXED G. D. BAILEY DATE FEB 9 1973 NOTES CHECKED CHRIST E. HEACOCK DATE 15 FEB 73

F.B. 2846 PG. 239

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 201-52A TO B.M. 201-53
.M. 201-52A													B.M. 201-52A (U.S.C&G.S. S-1147
1	138	780	439	5	142 134	8	115	827	416	5	119 111	8	SIERRA HWY & R.R. MILEPOST # 420
												8	SEE F.B. 3728-112
	115	827										16	π = MALDONADO
.M. 201-53													B.M 201-53 (U.S.C&G.S. H-57)
	-22	953											SIERRA HWY. & R.R. MILEPOST 420
													SEE F.B. 2846-25
.M. 201-53	B.M. 201-53 TO 52A				1	-	17 ~~16~~	-72	WINDY ~~RAINING~~		T = 50		OVERCAST
.M 201-53													
1	112	509	413	5	116 108	8	135	458	436	5	139 131	8	
M. 201-52A							112	509				8	
							-22	949				16	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2846 PG. 246 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DRIER NOTES SIEMANN 11-17-72

INDEXED G. D. BAILEY DATE FEB 9 1973

T = 50°

WEATHER OVERCAST INST. NO. 96716

TIME 2:30 TO 3:00 ROD NO. 713HB

NOTES ROBERT HEACOCK DATE 15 FEB 73

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 201-53 TO B.M. 201-
B.M. 201-53									453				B.M. 201-53 (U.S.C&G.S. H-57)
1 ✓	205	107	506	5	241 169	72	152	111	~~453~~	5	191 113	78	SIERRA HWY. & R.R. MILEPOST # 420
													SEE F.B. 2846-25
2	154	603	455	5	167 141	26	128	157	429	5	138 118	20	T = MALDONADO
						98 ✓						98 ✓	
B.M. 201-54												98 ✓	B.M. 201-54 (U.S.C&G.S. Q-431)
	359	710 ✓					280	268 ✓				196	SIERRA HWY. & CULVERT # 22.30
	280	268 ✓											SEE F.B. 3728-115
	+79	442 ✓											
	B.M. 201-54		TO		B.M. 201-53				11-16-72			2:10	P.M. TEMP. 50° OVERCAST & WIND
B.M. 201-54													
1 ✓	118	492	419	5	155 81	74	141	257	442	5	178 104	74	
2 ✓	138	931	439	5	150 122	24	195	731	496	5	209 183	24	
						98 ✓						98 ✓	
B.M. 201-53												98 ✓	
	257	423 ✓					336	988 ✓				196 ✓	
							257	423 ✓					
							-79	565 ✓					

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-58°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-15-72
INDEXED G.D. BAILEY DATE FEB 9 1973
WEATHER Sunny & Br.
TIME 9:35 to 10:05
NOTES BY ROBERT E. HEACOCK DATE 15 FEB 73
INST. NO. 967
ROD NO. 1713 AE
F.B. 2846 PG. 241

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM201-54 TO BM201-56
BM 201-54													BM201-54 (U.S.C.&G.S. Q-431)
1	230	915	531	5	268 / 192	76	63	420	364	5	100 / 26	74	Sierra Hwy. & 164 Ft. S.W. of Culvert 22.30
2 ✓	292	410	593	5	292, / 257½	70	11	780	312	5	44, / 11½	66	See F.B. 3728-115
3	251	518	552	5	273 / 229	146 / 44	58	920	359	5	81 / 35	140 / 46	⊼-T. Ohashi
						190 ✓						186 ✓	
												190 ✓	
	774	843 ✓					134	120 ✓				376 ✓	
	134	120 ✓											
	+640	723 ✓											
BM201-56 ×		11-16-72			Cloudy & Breezy			1:50 to 2:05			T=52°		BM201-56 (U.S.C.&G.S. S-431) Sierra Hwy. & 226.4 Ft. S.W. of Culvert 22.53. See F.B. 3728-119
BM. 201-56													
1	2~~0~~1	037	322	5	60½ / 21½	78	293	838	594	5	293½ / 257½	72	BM201-56
2 ✓	11	500	312	5	38½ / 11½	54	270	343	571	5	297 / 243	54	
3	1~~09~~10	012	411	5	139 / 81	132 / 58	219	370	520	5	250 / 188	126 / 62	
						190 ✓						188 ✓	
												190 ✓	
	142	549 ✓					783	551 ✓				378 ✓	
							142	549 ✓					
							−641	002 ✓					BM201-54
BM201-54													

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM201-56 TO BM201-57
BM 201-56													BM 201-56 (U.S.C.&G.S. S-431)
1	17	309	318	5	40½ 17½	46	231	317	532	5	254 208	46	Sierra Hwy. & 226.4 Ft. S.W. of
							17	309				46	Culvert 22.53
							214	008				92	See F.B. 3728-119
													T- T. Ohashi
BM 201-57													BM201-57 (U.S.G.S. 3219, 40)
													Sierra Hwy, & 0.1 mi. N.E. of
													Old Angeles Forest Hwy.
													See F.B. 3728-121
BM 201-57		11-16-72		Cloudy & Wind			1:46 to 1:45		T=54°				
													BM201-57
1	235	345	536	5	257 213	44	21	380	322	5	44½ 21½	46	
	21	380										44	
	213	965										90	
BM201-56													BM201-56

T-58°

WEATHER Sunny & Windy INST. NO. 96716
TIME 9:50 ROD NO. 713A&B
NOTES ROBERT E. HEACOCK DATE 15 FEB 73

F.B. 2846 PG. 242 JOB NO. 0301.02
SURVEY OF LA Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 11-15-72
INDEXED G. D. BAILEY DATE FEB 9 1973

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-17-72
INDEXED G.D. BAILEY DATE FEB 9 1973
WEATHER Cloudy & Calm
TIME 1:15 to 1:45
NOTES CHKD
DATE 15 FEB 73
INST. NO. 9671
ROD NO. 1713A
F.B. 2846 PG. 243

T-50°

STATION	BACKSIGHT Re-Run RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		RERUN DESCRIPTION AND REMARKS FROM BM 201-54 TO BM 201-56
BM201-54													BM201-54 (U.S.C.&G.S. Q-431)
1	248	190	549	5	285 / 211	74	80	038	381	5	118 / 42	76	Sierra Hwy. & 164 Ft. S.W. of Culvert 22.30 See F.B. 3728-115
2 ✓	252	615	553	5	273 / 231	42	63	832	364	5	84 / 42	42	
3	290	420	591	5	290 / 253 1/2	116 / 74	6	570	307	5	41 / 6 1/2	118 / 74	⊼-T-Ohashi
						190 ✓						192 ✓	Re-Run
												190 ✓	
BM201-56	791	225 ✓					150	440 ✓				382	B.M. 201-56 (U.S.C.&G.S. S-431) Sierra Hwy. & 226.4 Ft. S.W. of Culvert 22.53 See F.B. 3728-119
	150	440											
	+640	785 ✓											

Re-Run
B.M. 201-56 to B.M. 201-54 11-17-72 TIME 1:45 TEMP 50° CLOUDY

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		RERUN DESCRIPTION AND REMARKS
201-56													BM201-56
1	15	994	316	5	50 / 15 1/2	70	299	825	600	5	299 / 262 1/2	74	
2 ✓	34	000	335	5	59 / 9	50	246	860	547	5	271 / 221	50	
3	84	898	385	5	118 / 50	120 / 68	229	090	530	5	261 / 197	124 / 64	Re-Run
						188 ✓						188 ✓	
												188 ✓	
	134	892 ✓					775	775 ✓				376 ✓	
							134	892 ✓					
							-640	883 ✓					
BM201-54													BM201-54

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM201-57 TO BM 201-58
BM 201-57				256				133	BM 201-57 (U.S.C.&G.S. 3219, 40)
1	229	888	530 5	202 54	101	240	402 5	69 64	Sierra Hwy., 0.1 mi. N.E. of Old
✓				189				125	Angeles Forest Hwy.
2	175	585	476 5	161 28	117	193	418 5	109 16	See F.B. 3728-121
				82				80	
								82 ✓	π-Ohashi
	405	473 ✓			218	433 ✓		162 ✓	
	218	433 ✓							BM201-58 (U.S.C.&G.S F-1000)
BM201-58	+187	040 ✓							Sierra Hwy. & Old Angeles Forest Hwy.
									See F.B. 3728-123
	11-16-72	Cloudy & Windy			1:30 to 1:40	T=54°			
BM201-58				118½				266½	BM201-58
1	79	473	380 5	79½ 78	266	580	567 5	225½ 82	
					79	473 ✓		78 ✓	
2 ✓					+187	107 ✓		160 ✓	
BM201-57									BM201-57

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-15-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER Sunny & Windy INST. NO. 967

TIME 10:05 to 10:25 ROD NO. 1713 Ad

NOTES CHKD ROBERT E. HEACOCK DATE 15 FEB 73

T-58°

F.B. 2846 PG. 245

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2846 PG. 246 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-15-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER Cloudy & Windy DIST. NO. 96716

TIME 10:30 ROD NO. 173AE

NOTES ROBERT L. HEACOCK DATE 15 FEB 73

T-58°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM201-58 TO BM201-59
BM201-58					132						174		BM 201-58 (U.S.C.&G.S. F-1000)
1	89	273	390	5	46	86	132	536	433	5	132	84	Sierra Hwy. & Old Angeles Forest Hw
							89	273 ✓				86	See F.B. 3728-123
							43	263 ✓				170	
													T-T. Ohashi
BM201-59													BM201-59 (U.S.C.&G.S. MONT 2)
													Sierra Hwy. & 185 Ft. So. of Cornerstone Bar Bldg. (closed.)
													See F.B. 2846-27
		11-15-72			Cloudy & Wind		1:20 to 1:30				T=54°		
BM201-59													BM201-59
					175						131		
1	132	440	433	5	132	86	89	202	390	5	47	84	
	89	202 ✓										86 ✓	
	+ 43	238 ✓										170 ✓	
													BM201-58 (U.S.C.&G.S. F-1000)
BM201-58													

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM201-59 TO BM201-59A
BM201-59				224				56	BM201-59 (v.s.c.&G.S. MONT 2)
1	211	000	512 5	198 26	43	473	344 5	30 26	Sierra Hwy. & 185 Ft. So. of Corner-
	43	473 ✓						26 ✓	stone Bar bldg. (closed)
✓	+167	527 ✓						52	See F.B. 2846-27
									T- T. Ohash
BM 201-59A									BM 201-59A (v.s.c.&G.S. T-1147) Sierra Hwy. & Old Angeles Forest Hwy. see F.B. 3728-126

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-58°
SURVEY BY G.E. Dreier WEATHER Cloudy & Windy INST. NO. 9671
NOTES BY Maldonado DATE 11-15-72 TIME 10:30 to 10:45 ROD NO. 1713A
INDEXED R.D. BAILEY DATE FEB 9 1973 NOTES ROBERT E. HEACOCK CHKD DATE 15 FEB 73

F.B. 2846 PG. 247

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM201-59A TO BM201-59
BM201-59A					56						224		BM201-59A (U.S.C.&G.S. T-1147)
1	43	877	344	5	30	26	211	420	512	5	198	26	Sierra Hwy. & Old Angeles Fores
							43	877 ✓				26	See F.B. 3728-126 Hwy.
							-167	543 ✓				52	
✓													T-T. Ohashi
BM201-59													BM201-59 (U.S.C.&G.S. MONT 2) Sierra Hwy. & 185 Ft. So. of Cornerstone Bar bldg. (closed) See F.B. 2846-27

F.B. 2846 PG. 248 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-16-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER Cloudy & Wind

TIME 1:10 to 1:15

ROBERT E. HEACOCK

NOTES CHKD.

INST. NO. 96716

ROD NO. 1713A&B

DATE 15 FEB 73

T-54°

76P526 CE # 308 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-59A TO BM201-60
BM 201-59A				105				251	BM.201-59A (U.S.C.&G.S. T-1147)
1	78	554	379 5	51 54	225	159	526 5	199 52	Sierra Hwy., & Old Angeles Forest Hwy.
					78	554 ✓		54 ✓	See F.B. 3728-126
✓					146	605 ✓		106 ✓	T. T. Ohashi
BM 201-60									BM 201-60 (U.S.C.&G.S. U-431) Sierra Hwy. & 0.15 mi. S.W. of Old Angeles Forest Hwy. See F.B. 3728-127
			T-52°	Cloudy & Wind		11-16-72	1:05 to 1:10		
BM 201-60				240				95	BM201-60
1	214	663	515 5	188 52	68	074	369 5	41 54	
	68	074 ✓						52 ✓	
✓	146	589 ✓						106 ✓	
									BM201-59A
BM 201-59A									

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-15-72 WEATHER Cloudy & Wind INST. NO. 9671

INDEXED G.D. BAILEY DATE FEB 9 1973 TIME 10:50 to 10:56 ROD NO. 1713A

NOTES ROBERT E. HEACOCK DATE 15 FEB 73

T-58°

F.B. 2846 PG. 249

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM. 201-60 TO BM. 201-61
B.M. 201-60													B.M. 201-60 (U-431-)
1	33	570	334	5	49 / 17	32	285	520	586	5	301 / 269	32	SEE F.B. 3728-127
2	30	714	331	5	49 / 11	38	250	450	551	5	268 / 232	36	⊼ R. SIEMANN
						70						68	
3	54	535	355	5	74 / 34	40	261	980	562	5	281 / 241	40	
						110						108	
4	107	564	408	5	119 / 95	24	214	069	515	5	227 / 201	26	
						134						134	
B.M. 201-61												134	B.M. 201-61 (V-431)
	226	383					1012	019				268	SEE F.B. 3728-103
							226	383					
							785	636					
	BM 201-61 TO B.M. 201-60 11-16-72 11:40-12:00												T=50° CLOUDY
B.M. 201-61													B.M. 201-61
1	279	921	580	5	301 / 257	44	56	218	357	5	79 / 33	46	
2	298	151	599	5	½ 298 / 274	48	36	162	337	5	60 / 12	48	
						92						94	
3	276	489	577	5	290 / 262	28	48	230	349	5	63 / 33	30	
						120						124	
4.	213	300	514	5	218 / 208	10	141	651	442	5	144 / 138	6	
						130						130	
B.M. 201-60												130	B.M. 201-60
	1067	861					282	261				260	
	282	261											
	785	600											

F.B. 2846 PG. 250

JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E. Dreier NOTES T. Ohashi 11-15-72

INDEXED G.D. BAILEY DATE FEB 9 1973

WEATHER Scat. Cloud T=68° INST. NO. 96716

TIME 11:00-11:10 ROD NO. 1713 A&B

NOTES ROBERT E. HEACOCK DATE 15 FEB '73