Notes Ck'd by	Survey of
Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F.B. 3804 PG.

Page	Job	Description
		SAN GABRIEL TRANS: CORRIDOR RAPID TRANSIT DISTRICT 0809.00
5-10	Index	State transit line.
11-38	Transit line	Retracement State transit line per A67.001-72-78 Soto St. E'ly to Hellman Ave.
39-40	Geod. tie	~~Co. transit line for R.T.D. prelim.~~ @ Del Mar Ave. to El Monte A-4.
41-56	Transit line	Co. transit line N'ly edge S.P. tracks from Hellman Ave. to Rosemead Blvd.
57-60	Index	Co. transit line from Marengo Ave. to Rosemead Blvd.
61-67	Index	Bench levels - Mission Rd. to Del Mar Ave. along San Bernardino Fwy.
69-119	B.M.	Bench level circuit - Mission Rd. E'ly to Del Mar Ave. along San Bernardino Fwy.
121-123	B.M.	Bench level circuit vicinity of Almansor Ave.
125-126	Geod. tie	State & Co. transit line & Geodetic tie @ Hellman St. to Alhambra K-4A.
127-128	Geod. tie	Co. transit line @ Almansor St. to Alhambra K-4A.

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7E2098 CE #310 9.67

F.B. 3804 Pg.

Page	Job	Description
129-138	Transit Line & Geod.tie	Co.transit line W'ly from Rio Hondo Channel - P.E. R/W NE'ly to S.P. main line, also geod.tie.
139-140	Transit Line	Co.transit line W'ly. Rio Hondo Channel (P.E. R/W NE'ly to S.P. Main line). Tie per L.A. Co. F.C. Dist.
141-155	B.M.	Bench levels for the above
157-172	Topo.	Loc. of improvements along Co. transit line @ Rio Hondo Channel P.E. R/W NE'ly to S.P. mian line.
175-222	X-Sec. Profile	On the above.

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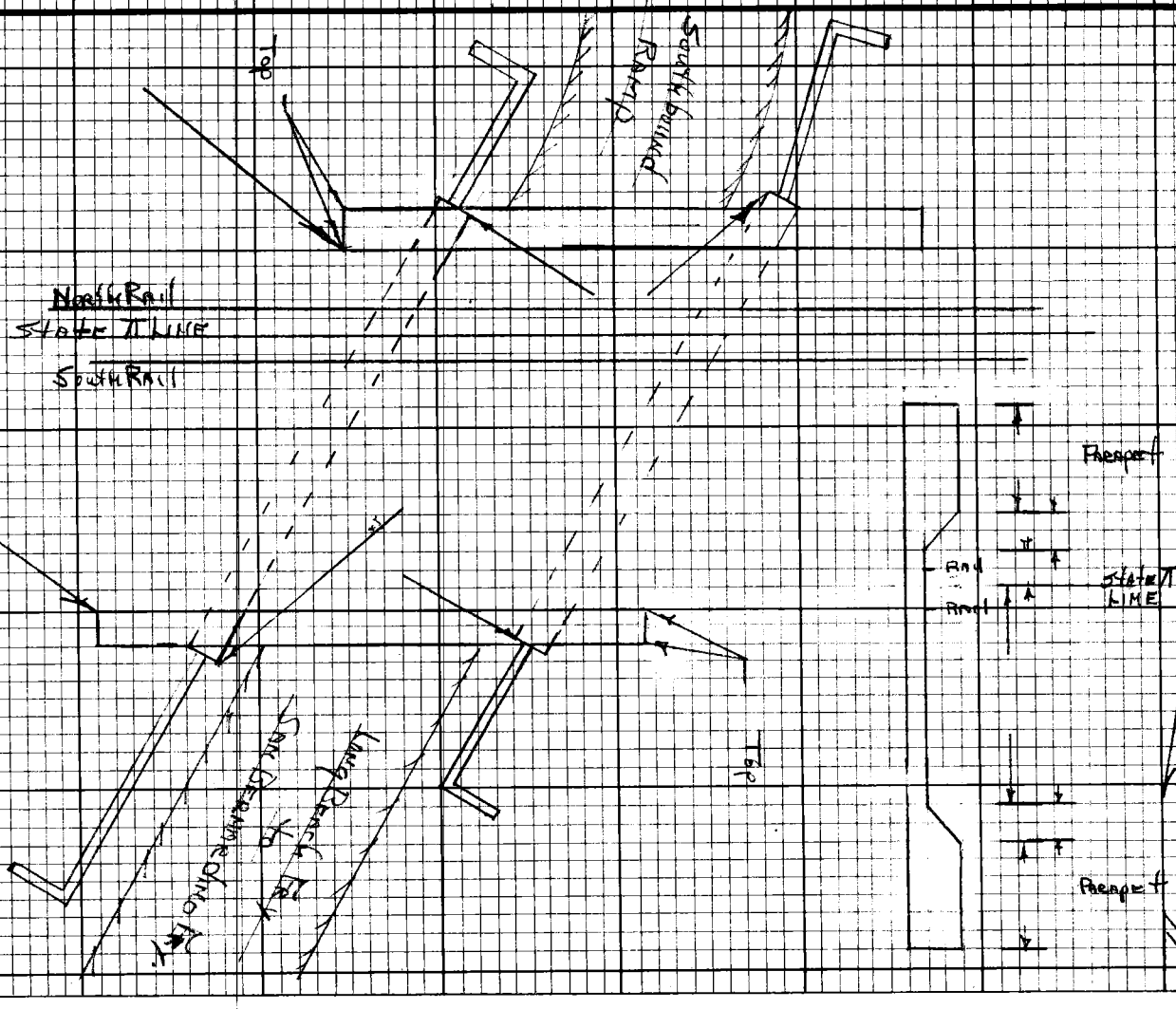

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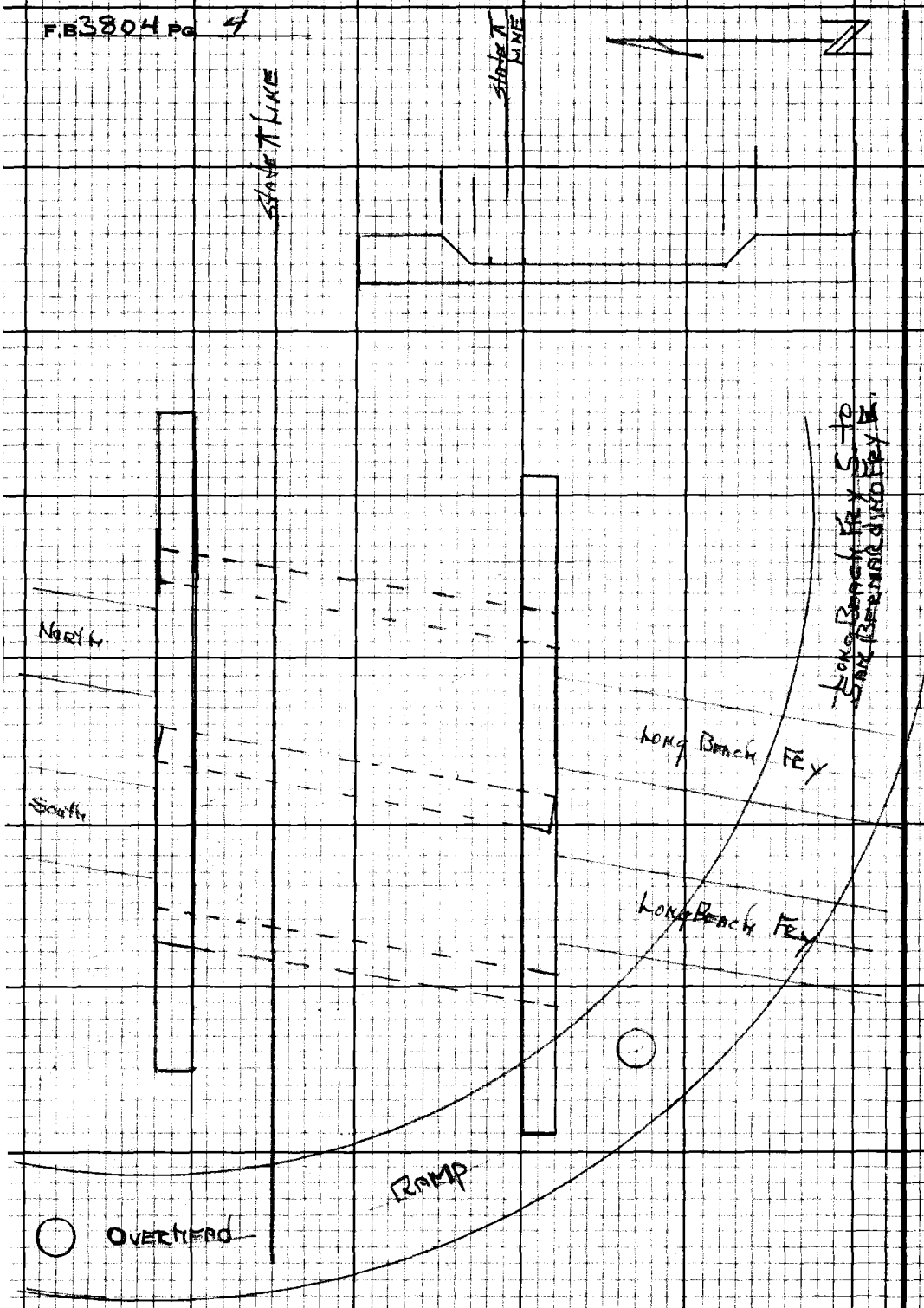
Date

Survey of
JN. Tape Std
Surveyed by
Notes
Indexed Date

FB 3808 Pg 13

F.B. 3804 Pg 4



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Map No.	JN 0809.00 Tape Std °F
Office Work	Surveyed by HHSpencer
Checked	Notes HHS Date 10-69
Date	Indexed C.L. GALLI 10/24/69

FB3804 Pg. 5

RTD Preliminary Survey

SAN GABRIEL TRANSPORTATION CORRIDOR

JN 0809.00

See Pg. 6 For Index to FB3804 Contents

REFERENCE:

Division of Highways A67.001

LA Co FC 3029-25

" " " 2510-19C

" " " 2062-21C

FM20032-56

H.H. Spencer

F.T. Falsey

P.L. Gearhy

D.B. Cockrill

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7E3008 CE#310 2-67

F.B. 3804 Pg. 6

Contents:

Pg. 11-38 Retracement State T Line per A 67.001-72-78 So to St. Ely to Hellman Line

Pg. 7-10 " " " " " " " " Index Map

Pg. 39-40 Geodetic Tie - Co T Line R.T.D. Prelim @ Del Mar Ave to El Monte A-4

Pg. 41-56 County T Line N'ly Edge S.P. Tracts Hellman Ave to Rosemead Blvd.

Pg. 57-60 " " " " " " " " Index Map

Pg. 61-68 Bench Levels - [illegible] (W'ly Terminal Proposed R.T.D.) Index Map to Del Mar Ave. - San Bernardino Fry

Pg. 69-120 " " " " " " " "

Pg. 121-124 Bench Levels - Co T Line - R.T.D. E-53 C SPRW @ Almansor St. S'ly to BM

Pg. 125-126 Geodetic Tie - Co T Line R.T.D. Prelim @ Hellman Ave to Alhambra # 4A

Pg. 127-128 Geodetic Tie - Co T Line R.T.D. Prelim @ Almansor St to Alhambra K 4A

Pg. 129-132 County T Line W'ly Rio Hondo Channel P.E. R/W N. Ely to S.P. M Index Map

Pg. 133-138 " " " " " " " "

Pg. 138 Geodetic Tie - Co T Line W'ly Rio Hondo Channel - P.E. R/W N. Ely to S.P. M

Pg. 141-156 Bench Levels - Co T Line @ Rio Hondo Chan. P.E. R/W N. Ely to S.P. M

Pg. 157-174 Location of Improvements - Co T Line E'ly @ Rio Hondo Chan. P.E. R/W N. Ely to S.P. M

Pg. 175-222 Xections Profile - Co T Line @ Rio Hondo Chan. P.E. R/W N. Ely to S.P. R/W

Pg. 139-140 Co T Line W'ly Rio Hondo Channel - P.E. R/W N. Ely to S.P. M tie to ℄ & R/W Monument per L.A. Co F.C. Dist.

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Office Work
Checked
Date

Survey of R.T.D. Prelim
JN 080900 Tape Std °F
Surveyed by HHS Wrgs
Notes HHS Date 11-69
Indexed GALL NOV 24 '69

F.B. 3804 Pg. 7

INDEX MAP
#N080900
R.T.D. PRELIMINARY
TLINE IN THE
SOUTHERN PACIFIC
RAILROAD R/W

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76R3088 CE#810 9-67

F.B. 3804 Pg. 8

Cont. Bot. Pg. 9

KPT S-6 Pg. 20

OVERCROSSING

PEDESTRIAN

KPT S-7 Pg. 19

Whitesides St.

Poulter St.

POT Pg. 17

INDIANA St.

℄ LINE

KPT S-8 Pg. 16

℄ LINE

KPT S-9 Pg. 15

Mc Kinsey St.

IRONWOOD St.

CHESTER St.

Cont. RT. Pg. 17

Index Map
#N080200
RTD. PRELIMINARY
℄ LINE IN LINE
SOUTHERN PACIFIC
ROW / ROAD R/W

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Notes Ck'd by	Survey of RTD PRELIM	F.B. 3804 Pg. 9
Map No.	JN 0809.00 Tape Std °F	
Office Work	Surveyed by HHG 1995	
Checked	Notes HHG Date 11-69	
Date	Indexed C.T. GALLI 24	

Cont. Bot. Pg. 10

TRACK LINE
JN 0809.00
RTD PRELIMINARY
T LINE IN THE
SOUTHERN PACIFIC
RAIL ROAD R/W

RTD
W/T
S-3

T LINE

OFF RAMP

ON RAMP

KPT S-4
Pg. 30

COLLEGE

T LINE

EASTERN

AVE

BOT
Pg. 27, 28

MILLER AVE.

T LINE

HERBERT

AVE

BOT
Pg. 22, 23

KPT S-5
Pg. 21

Cont. Top Pg. 8

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7E5C08 CEF 310 R.67

FB3804 Pg 10

Cont. Bot. Pg 57

Hyde X Map
#N070900
RTD Preliminary
K Line
Southern Pacific
Rail Road R/W

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Checked
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Survey of RTD
JN0809.00 Tape 231 Std 84 °F
Surveyed by HHGeogos
Notes HHS Date 10-20-69
Indexed D.L. GALLIOT 30

F.B. 3804 Pg. 11
1, 55-03-15
4, 270-12-30
6, 220-19-00
8, 55-03-10

D-1

SEE Pg. 13 FOR THIS PT
Location on ground here beneath Bridge
For Photogrametric Tie
SEE FB 3805 Pg 10

Cont. Bot. Pg. 12

55' 03' 10"

STREET

RIM

Bridge

STATE TIE PER
AB7.001-72-78
Cont. Pg. 14

STA. 82+84.13
Tie No. Stopper
Bolt
AB7.001-73

Removed
Set Spike W/PM
Tack
Set Cons. Nail
Tie Shrds

STA. 83+45.50

Set Lac Cole
Tag Cont.
Fire Hydrant

31.34

Set Cut

4.36

27.31

6.64

Set Cut

Set Lac
Ingr Lac
Concwalk

Fnl Cut
Concwalk

135.54

Set Cut

Set Cut

Bernardino

Spring

Fd Spike W/PM
Bolt
AB7.001-73

SOTO

Overcrossing

27.31 Level @ 84° = 27.31'
4.36 " 84° = 4.36'
6.64 @ 20.37' @ 74° = 6.37'

135.54 Level @ 78° = 135.54'
291.53 " 78° = 291.53'
31.37 Level @ 84° = 31.37'
1538.6 @ 5°30' @ 84° = 1537.69'

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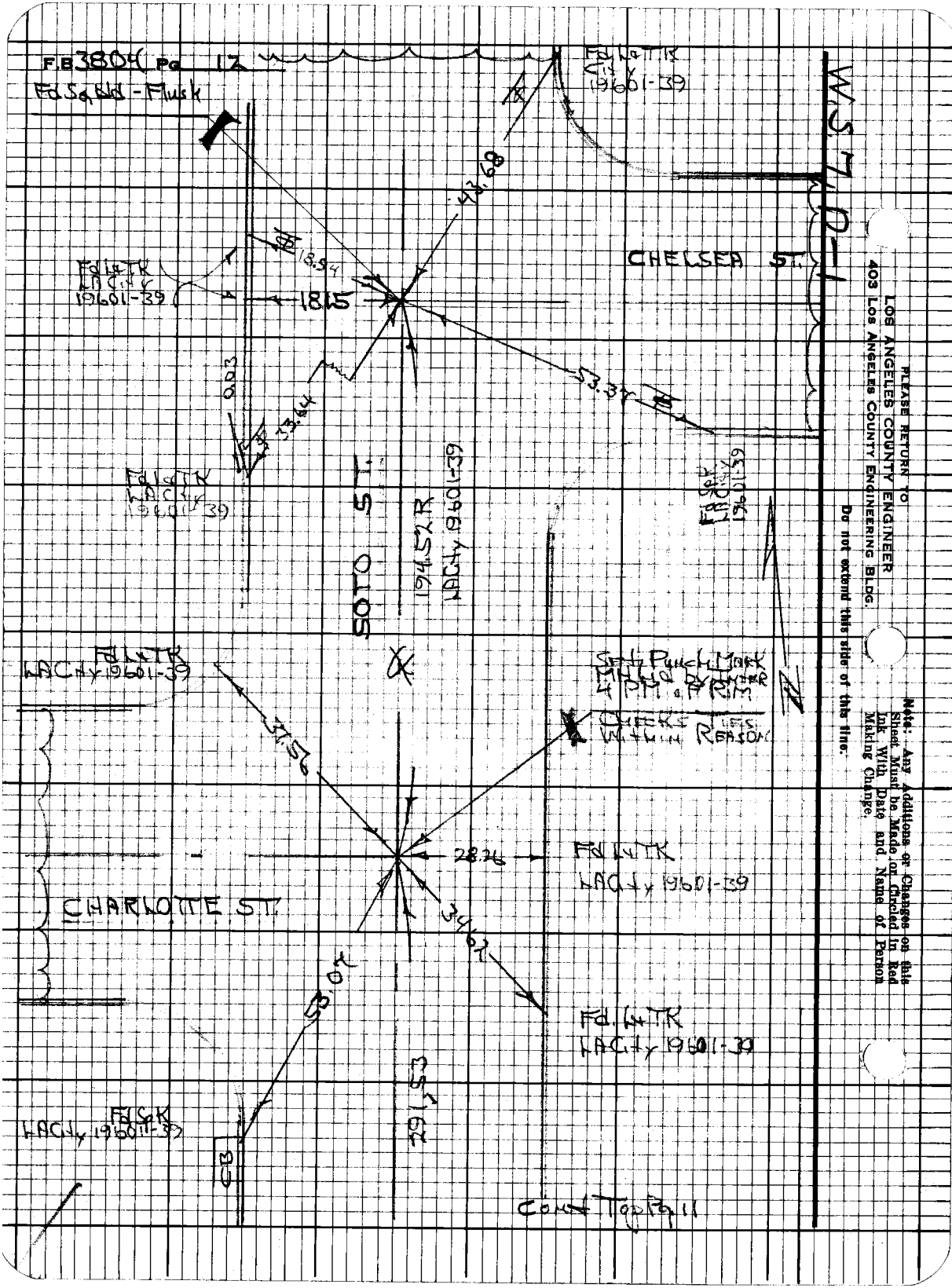
TR3098 EE#310 2-67



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Office Work
Checked
Date

Survey of R.T.D.
JN 080900 Tape 731 Std 84 °F
Surveyed by HHS
Notes HHS Date 10-69
Indexed C.J. GALLI 10/30/69

F.B. 3804 Pg. 13

WS 7, D-1

SEE PAGE FOR THE RT. ALIGNMENT ON BRIDGE SURFACE PER STATE AB7.001-73

574.82+84.13

E Soto St.

ESTIMATED W/PM BRIDGE CONC PIER

STATE TRUNK LINE PER AB7.001-73

DEBRIS

STORM

284.06

CONC PIER

WALL SEE MACDONALD & LEGG ENGR. FOR CONC BOX PER STORM DRAIN

SEE WALL LIMIT PER STATE LINE AB7.001-73

20.72

20.58

SET CHISEL @ CONC PIER

SET CHISEL @ CONC PIER

CONC PIER

94.04

BOX

48.15

CONC

EXISTING RAILS

10.15

SEE ESTIMATED LIMIT OF SOLID WALL

ESTIMATED W/PM BRIDGE CONC PIER

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7E5C08 CE #310 9-67

F.B. 3804 Pg. 14

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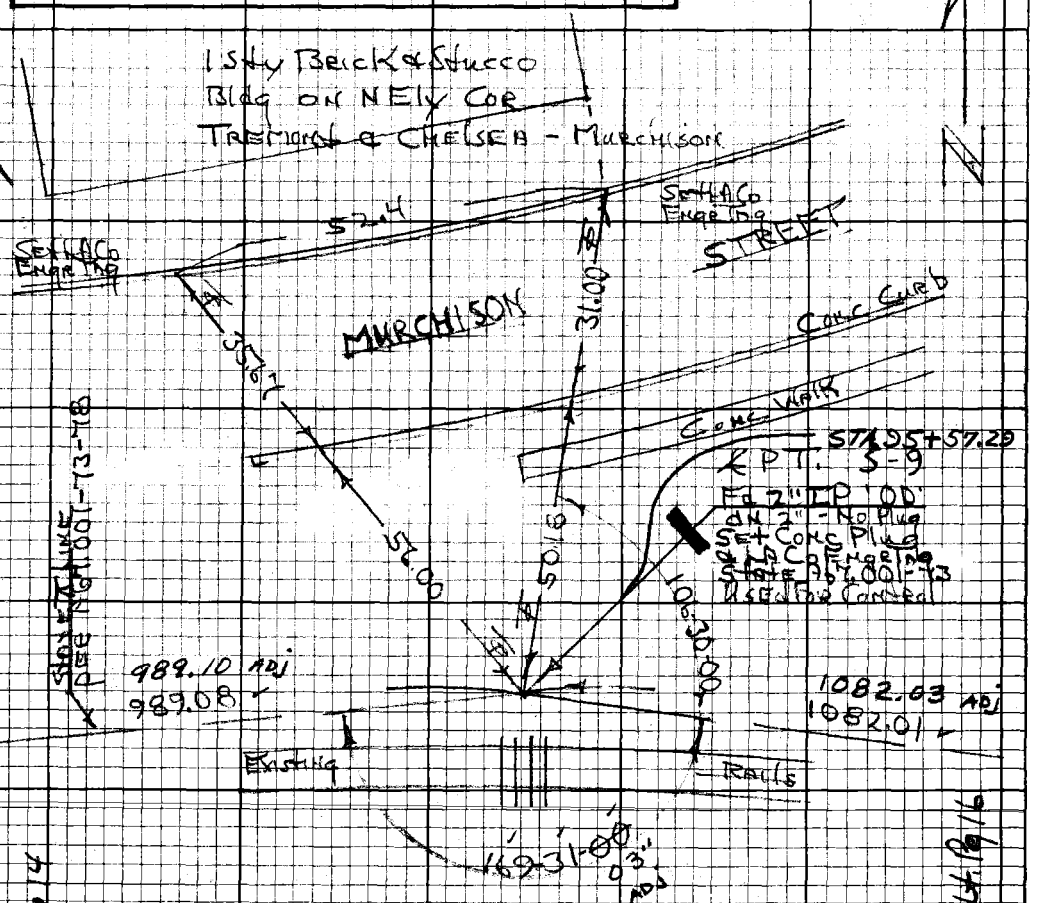
Map No.	JN 0809.00 Tape 231 Std 84 °F
Office Work	Surveyed by HHS
Checked	Notes HHS Date 10-69
Date	Indexed D.L. GALLI 07 30 69

F.B. 3804 PG. 15



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7E5008 CE #310 9-67

F.B. 3804 Pg 16

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WS 7-01

Ramona Housing Development

Sta 106+ 00 TK in Conc. Walk on Tangent as shown

4' Conc. Walk

Conc. Walk

Conc. Walk

Notes Ck'd by	Survey of R.T.D.
Map No.	JN 0809.00 Tape 731 Std 34 °F
Office Work	Surveyed by HHS Date 10-7-69
Checked	Notes
Date	Indexed D.T. GALLI 0730

F.B. 3804 Pg. 17

Cont. Bot. Pg. 18

WS 7 P-1

1. 85-27-45
2. 341-51-00
3. 152-46-30
4. 85-27-45

INDIANA ST.

1100' R/W

FOWLER STREET

0.15

Ed 1/2" TK Top Decrease @ Curb No Rec

Ed 1" TP Conc Plug Set Flush Rd. Depth Tag dn. 1.6"

0.14

0.03

Ed LA Co Fence Tag (Cont. Rec) No Rec

Set Nail & Tin Tag PP# HS5-A

STA 112+09.90 POT - State "A" Line

Ed 2" TP OD No Plug Flush with RR Ties 4 in Std. Rails.

Set Conc Plug & Brass Nail by Letter

570.57

570.58 adj.

413.59

413.60 adj.

Ed P.S. 1/2" Cor. Alem Under Edge of Sign Support

Top of Low Elec. Box

Cont. Top Pg. 19

West bound

FREEWAY

ON RAMP

FREEWAY

East bound

FREEWAY

Ed 1/2" TK Top Conc Curbing State A67001-74 Used For Line

Cont. Top Pg. 16

24.59 Level @ 760+24.59

90.09 " 760+90.09

413.61 " 78° = 413.59

State "A" Line Sheet A67001-74

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7685028 CE#310 8-67

F.B. 3804 Pg. 18

Cont. Top Pg. 17

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Date

Survey of RTD
JN 080900 Tape 7.31 Std 84 °F
Surveyed by HRS/PRCOS
Notes HRS Date 10-62
Indexed D.L. GALLI OCT 30 '62

F.B. 3804 Pg. 19

1083.16 Line @ 680 = 1083.05 ✓

1. 177-37-15
4. 350-28-30
5. 345-42-45 ✓
A. 177-37-08 ✓

N

Stake Line
RE 1001-74

Fence Post

Set 1x2 H
Hush Nine ✓

177-37-08 Adj.
1083.08 Adj
1083.05 ✓

413.59
413.60 Adj

300

Cont. Rt. 90

Cont. Rt. 90

STA. 116+23.50
℄ P.T. S-C Stake
1.7" TP "OD"
Wood Plug Nail
Hush ℄ South
Edge South Rail
Per
Ref. RE 1001-74
Used For Control

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7EF5C9A EE #31D 9-67

F.B. 3304 Pg. 20

Cont. Bon Pg 21

STATE LINE
RE 001-75

1. 167-40-30
2. 310-47-00
3. 286-53-15
4. 164-40-33

SEN. TANK FLUSH

SEN. TANK FLUSH

SEN. TANK FLUSH

76F3028 CE#310 9-67

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Survey of JN 08.00 Tape 231 Std 8" "F
Surveyed by RTD Date 10-69
Notes
Indexed D.L. GALLI 03 30 68

F.B. 3804 Pg. 21

1. 173-02-45
4. 332-10-45
6. 313-16-30
A. 173-02-45

Set Sq Hd Spk
Smlh Flush
Cir Tie Chr Pins

1. 162-33-30
4. 314-14-45
6. 291-21-45
A. 168-33-38

N

Centerline of Road

44" Adj

173-02-45

Existing Rails

168-33-38

212.38

176.60

Sline "A" Line
Per H67.001-45

93.08

176.34

107.59

55.94
557.95 Adj

STA. 135+02.78
POT - ℄ PT.
Set Sq W. Spk Flush

STA. 137+86.71
POT - ℄ PT.
Set 1x2 N - Flush

STA. 136+79.12
℄ PT. S-S State - Cannot be occupied with Transit
Used for Line Wly.
Falls in area of new const.
SL is @ S. edge Fry. Chain Link Fence
Set 1" IP Conc Plug & Co Foors. No Flush - Line prod from Easy ℄ Reg. Dist. Prop. Fd 1" IP on ℄ Inter Herbert St. per H67.001-76

557.94 Hence (@ 76° = 557.94
176.35 " " 76° = 176.34
107.60 " " 76° = 107.59
212.38 " " 76° = 212.38

F.B. 3804 Pg. 22

Cont. Bott. Pg. 25

Note: THIS IS STATE 7 LINE OFFSET 1.97 FT. TO SET MONUMENT ON R/W LINE FACE

35 E Pg. 23 FR

MONUMENT LOCATION ON BELOW SIDE FACE

A

282.22

STA. 139+99.08

POT. RESET
NO SET
IN BALLAST
@ sol. dist. #
Header

(STREET)

RR LINE

(HERBERT)

HYDE

212.32

STATE LINE
PAGE 100

Cont. Top Pg. 21

WS 47 E 1

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76F3098 CE#310 9-67

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W.S. 7, E-1

180.72 @ 8-44 @ 64° = 178.60 ✓
33.78 LEFT @ 60° = 33.77 ✓
33.84 " 60° = 33.83 ✓
249.61 @ 5-34 @ 60° = 248.39 ✓

Note: This is State Line per A67001 @ Herbert St. Inter on Bridge Surface
See Pg. 22 For Identical Line @ R.R. Surface

POT
Fd L+TK
per State
A67.001-75
Used For Line
STA 139+99.08

State Line
per
A67.001

STA. 139+65.31
Set Pencil + Only

Set Pencil + Only STA 140+32.91

33.77
33.83
178.60
248.39

STREET
BRIDGE
HERBERT
OVERCROSSING

POT
L+TK
per
State Line
A190

Cont. Bk. Pg. 25

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of R.T.D.
JN 8800 Tape 3-31 Std 8 Pt
Surveyed by H.H. Vargas Date 10-67
Notes
Indexed F.B. GALLI 07 30 68

F.B. 3804 Pg. 23

76E3088 CE#310 9-67

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Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of JNCRAND Type 231 Std 24 "F
Surveyed by HH Hughes 10-69
Notes
Indexed F.D. BALLI 10-30-69

F.B. 7204 Pg. 25

Cont. Bk. Pg. 26

282.231 LEVEL @ 76° = 282.22 ✓
636.58 " " 58° = 636.47 ✓
79.80 " " 58° = 79.79 ✓
997.82 " " 58° = 997.66 ✓

CONC Bldg.

Cont. Bk. Pg. 23

282.22 ✓
248.39 ✓

636.47 ✓

79.79 ✓

997.66 ✓

STA. 142+81.30
POT
PVI F Conc Wall
on RR Tie

STA. 149+17.77
POT
PVI Sand Spk Lg
@ Sm W Hush

by wyoine DE
Tuneen Rd. @ TK
@ Herbert @
Fn Le TK @ Eastern

Chg RR Tie @ prod
Mix Face Blds
Approx
of Bonnie Beach

STA 149+97.56
POT
PVI Nail
on RR Tie
Approx
Ho 7001-76

Unit 1 = 1000 feet

F.B. 3804 Pg. 26

Cont. Bot. Pg. 27, 28

Cont. To Pg. 25

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W.5.36, A-1

39.24 level @ 66° = 39.24 ✓
39.24 " " 66° = 39.24 ✓
295.03 @ 77 @ 66° = 293.67 ✓

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of R.T.D.
JN 15000 Tape 231 Std 25 °F
Surveyed by HHG
Notes
Indexed C.H. BALL Date 10-10 10-30-76

F.B. 3304 Pg. 27

STA. 173+69.84
POT
FO L & TK
REF
RIGHT
R69.001-76
USED FOR LINE E & W

Cont. Sta. 29

STATE KEY LINE
DEG 00

28T 16 ✓ 39.24 ✓ 39.24 ✓ 293.67 ✓

STA. 173+30.60
STA. 174+09.08

Note: This is State ⊥ Line
REF
R69.001-76
Eastern Pine Tree
on Reduce Surface

See Pg. 28 for Tree
Location
R.R. Surface

Cont. Sta. 28

POT
FO L & TK
REF
RIGHT
T.L. LINE

EASTERN
OVERCROSSING

F.B. 3804 Pg. 28

Cont Bot.
Pg 29

Cont. To Pg. 26

Note: [illegible]

See Pg. 27 [illegible]

MS 3654-11

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76F3098 CE#310-9-67

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W.S. 8-26

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of JOINT NOTE 221 Std 34 °F
Surveyed by HHS
Notes
Indexed C.J. GALLI OCT 30 '70
Date 10-26-67

F.B. 3804 Pg. 29

214.70 Left @ 66° - 814.60
~~214.10~~ " 66° HHS

Cont. 1 pp Pg. 27, 28

Cont. 1 pp Pg. 30

Point Cons. Set
Left on Prop. Line
West of Road from
Sta. 177+02.75

293.67

332.91

314.60

96-100198
Recd
Entry 5 Pg 5

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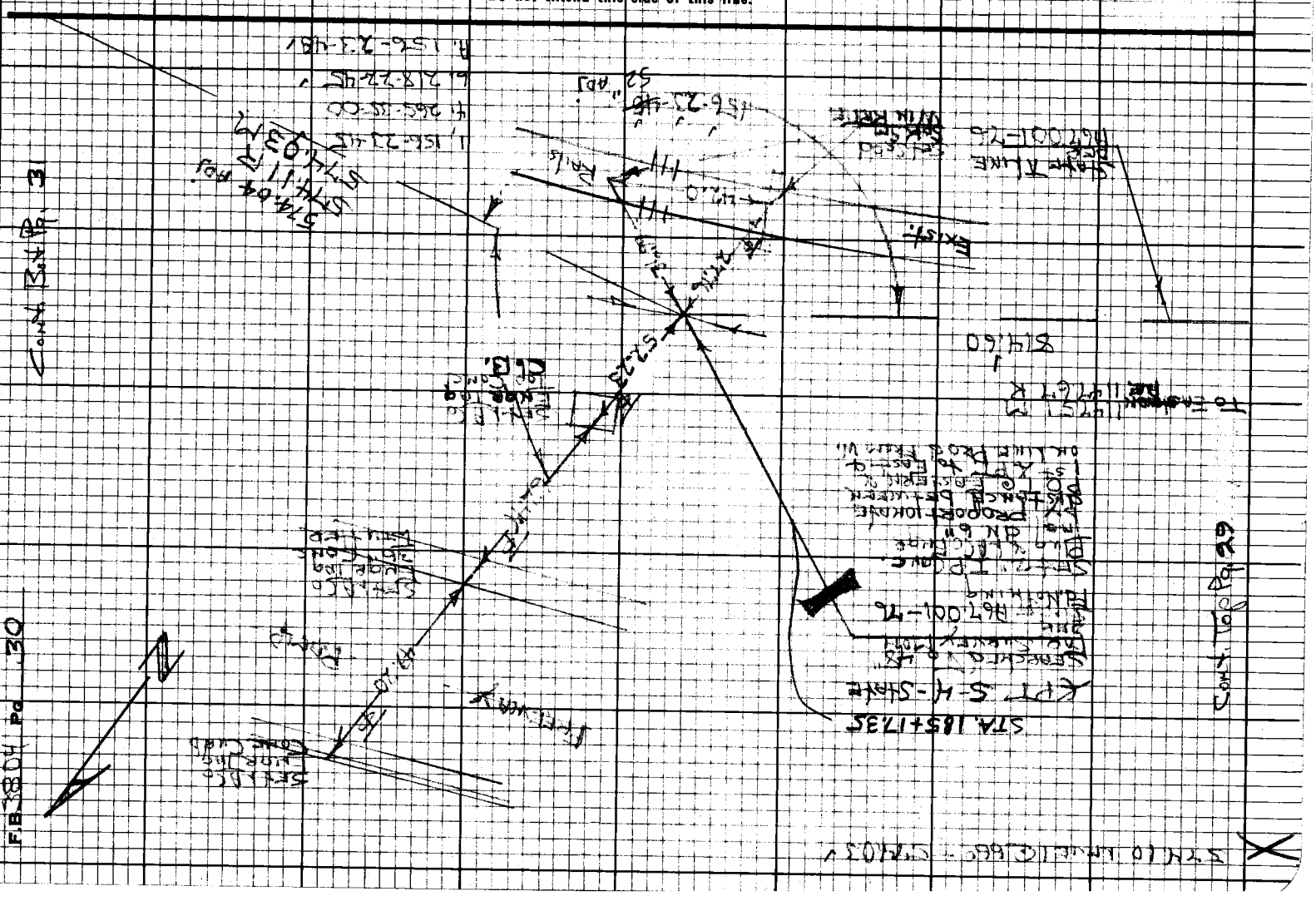

76F3098 CE#310 9-67

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W.5.8, C-6

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of
Surveyed by
Notes
Indexed
Date
Tape
Std
Date 6-16-67

F.B. 3504 Pg. 21

308.10 Elev @ TCO = 308.07

STA. 190+91.39
PT S-3 - State
Set Spike & Tack W/PM
P.C. Point
Elev. 307.00 - 7'
Used for Line Elev-Way

Fd. 2" IP 0.00
Wood Plug & Nail
Flush in Ch Pipes
per
State R/W Line Map

STA. 193+99.47

Set 4" IP
2" Wood Plug
& Tack W/PM

Stretch of
Top Deck
Bridge Parapet

70.00

154.82

308.08 adj
308.07
1245.41
1245.49 adj

S74°03'
S74.04 adj

20.00

Curve Data
Fd. 32

Fd. 2" Brass Disk
in Conc. Flush
per
State R/W Line Map
Filed State of California
Division of Highways

Fd. 2" Brass Disk
in Conc. Flush
per
State R/W Line Map
Filed State of California
Division of Highways

Curve Data
Fd. 30

State R/W Line
per
R.O.W. 001

Fd. 172-31-45
330-07-45
Fd. 315-11-
172-31-53

FB. 3804 PG. 32

Cont. Pg. 33

L 167-33-45
4 310-15-00
G 285-77-15
A 167-33-45

Cont. Pg. 31

76F3098 CE#310 9-67

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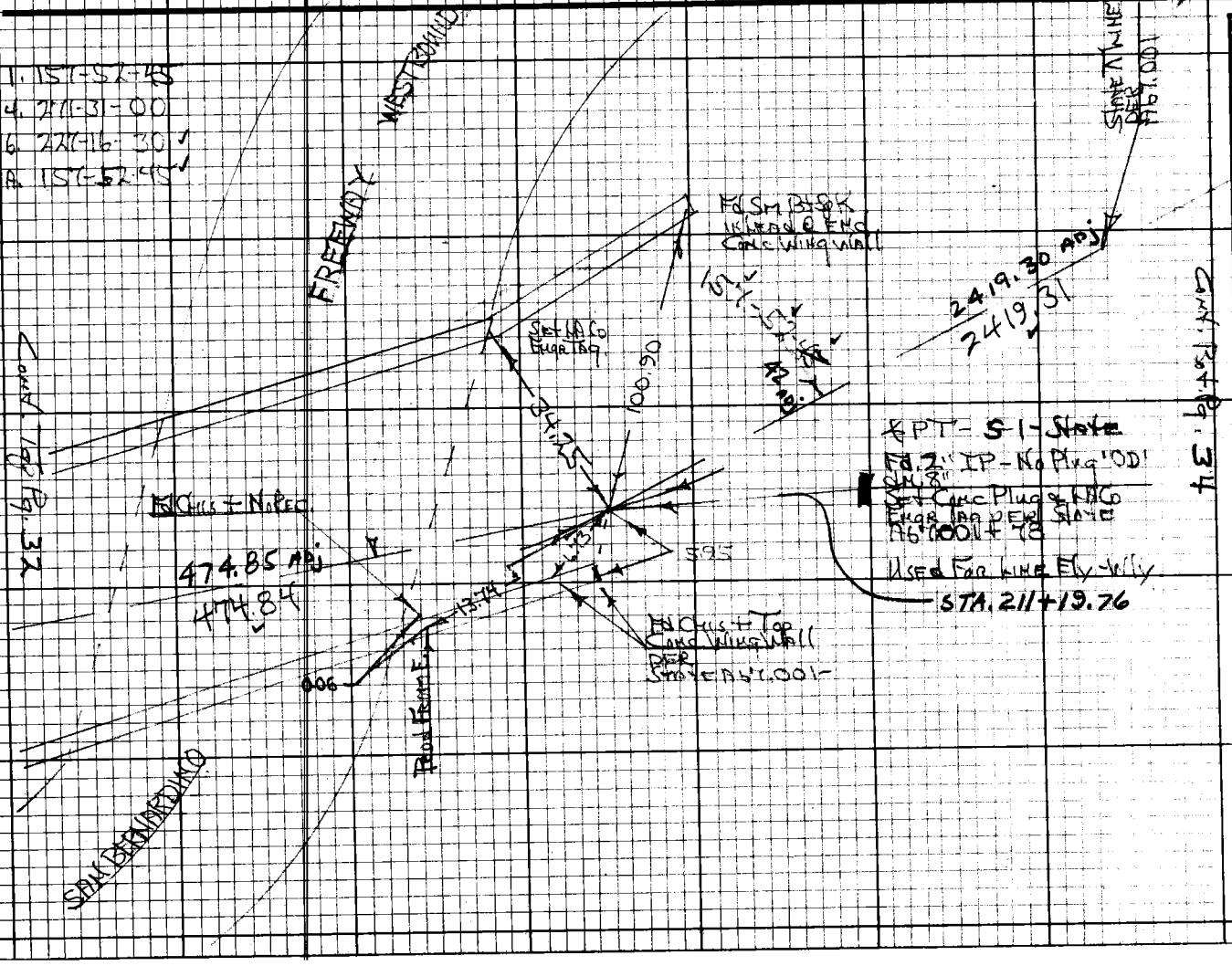
W.S. 8, D-6

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of JN 6[illegible] Tape 1/31 Std 24 °F
Surveyed by
Notes
Indexed
Date 10-[illegible]-67



F.B. 3804 Pg. 33

F.B. 3804 Pg. 34

Cont. Bot. Pg. 34

Cont. Top Pg. 33
Cont. Top Pg. 33
Cont. Top Pg. 33

76F3098 CE#310 9-67

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43 1 50

W.S.8, D-6

838.27 LINE (@ 56' = 838.12
1429.84 " " 56' = 1429.58

Cont. Top Pg. 34

FREMONT

WESTBOUND FRY

EX Rd. Sd Wall
Lin Cor Conc
Monument FW/PM

SEWAGE
ENGR TAG

Cont. Bot Pg. 37

2267.70
2267.68 ADJ

1429.58
1429.57 ADJ

838.12
838.11 ADJ

POT
SET SPIKE & OK
LOG ESTIMATE
WITH CIR
TIE
DY W 199 E
STA 249+68.63

OVERCROSSING

Rail Road

STSO

SET SPIKE & OK
SW
PREMIX BEAM

EASTBOUND FRY

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of
JN
Tape 231 Std 84 "F
Surveyed by
Date 10-69
Notes
Indexed

F.B. 3084 Pg. 35

76F3098 CE#310 9-67

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W S & D-6

Cont. Rt. Pg. 38

HELMAN DR.
MONUMENT LINE
ALHAMBRA E.H.

West bound
San
Bernardino
Freeway

Exist
838.12
838.11 adj
Rails

32-34-45
32-34-45 adj

16.29

611.28

Cont. Rt. Pg. 41

Co. TWNE

Cont. Rt. Pg. 35

1 32-34-45
4 130-18-45
6 155-27-45
A 32-34-38

R.O.T.
Hub 3x2 N. 1" above
Brk. Rec and in
Rails
Stake A67.001-78
Used for Line Ely-Wly.
STA 258+06.74

LA COUNTY SURVEY CONTROL SYSTEM
RE 2177
ALHAMBRA E.H.
County Surveyor 1958

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of
JN 0609.1 Trape 73 Sta. 8K'S
Surveyed by
Notes
Indexed
Date 10-30-68

F.B. 3804 Pg. 37

F.B. 3804 Pg. 39

ALHAMBRA

19.54

Found 4" Brass Disk in Hand Hole PER Survey D67 001-78 MKd Alhambra E-4 L.A. City Mon

CHARNWOOD AVE

Searched for Spike & Tack at Intersection of 1st Fd Nothing on 1st

HHF 11-18-69

Fd 4" Brass Disk in Concrete Curb Stamped "Alhambra 1"

60.73

HELLMAK AVE. Mon Line TO Alhambra E-4

HELLMAK AVE

HHF 11-18-69

County Engineer

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of RTD Prelim
JN 08040 Tape 231 Std 24 "F
Surveyed by
Notes
Date 11-69
Indexed C. J. GALLI NOV 14 '69

F.B. 3804 Pg. 39

Freeway Tie - Co. Line RTD Prelim. @ Delmar to El Monte A-4

STA. 409+80.26
POT. Co. Line
Tangent R/W Top
Curve Bearing
Curve Ends

889.75 Adj
889.72 R.

Co. Line

STA. 409+01.15
POT. Co. Line
Set R/W Top
Tangent Bearing
Curve Begins

1.90
1269.87 Adj
1269.73

79.13

Cont. Top Pg 50

P.E.
S.P. R/W
DELMAR AVE.

OVERCROSSING

Co. Line Pg 52

EPT - H-5 Line
Bearing Linear Line
Tangent Top Curve End
Bearing
STA 408+39.23

Total

Eastbound
San Bernardino Freeway

1.90 Line @ 80° = 79.13

1. 87-54-30
2. 351-37-30
3. 167-26-00
4. 87-54-20

On-Off Ramp

Cont. Top Pg 40

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WS 44 B-6

7450093 CE#310 9-67

F.B. 3804 Pg. 40

Cont. Bot. Pg. 39

Geodetic Tie - Go. Lake Rd. Prelim @ Delmar to El Monte A-4

VS 44 B-6

RAMP

RAMP

1. 87-15-45
4. 349-03-15
6. 163-35-00
A. 87-15-50

AVE

76.94
763.93 ADJ

El Monte A-4
Fd. 4" Brass Disk Mon. on 14" in HH
per FB 926-153, 154
Contrl. North West

El Monte A-4
1940

87-15-50
57 ADJ

HELLMAN

AVE

To Alhambra L-4
Fd. 4" Brass Disk Mon. on 14" in HH
FB 926-7, 8,

Alhambra L-4

118.61

103

Fd. Bolt in curb W/PM
FB 926-153, 154

DELMAR

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W.S. 8, P-6

611.28 NEW | @ 84' = 611.28 ✓
588.94 " " 84' = 588.94 ✓

Westbound
San
Bernardino
Freeway

Co. Tr. Line

940

611.28

588.94

Siding

RR

N

POT
SET SQ N SOK
Tg. SSMW - Flush
Gr Tie w Gr Rails
STA. 264+18.02

Survey - Sundry

Cont. Bot Pg. 42

Cont. Top Pg. 32

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of RTD
JN 08(1)(2) Trap 231 Sta 84 "F"
Surveyed by HH Date 10-8-69
Notes
Indexed G. L. GALL NW 5-69

F.B. 3804 Pg. 41

FB 3804 Pg 42

Cont. Top Pg 43

Co. T. LINE

S 1/4

1 148-23-45

4 233-35-45

6 170-23-15

A 148-23-53

1107.90

1108.02 ADJ

ACCESS ROAD

SPRING

APT. HH

SEWER TRONCE PIPE

BY PROPOSED CONNECTION

STA. 270+06.96

130

38.73

148-23-53

24-12 ADJ

Co. T. LINE

Cont. Top Pg 41

Road

Road

1107.90 = 0.92 ft/mi (0.20%)

FILE 8/9

FILE 8/9

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7BF3098 CE#310 9/67

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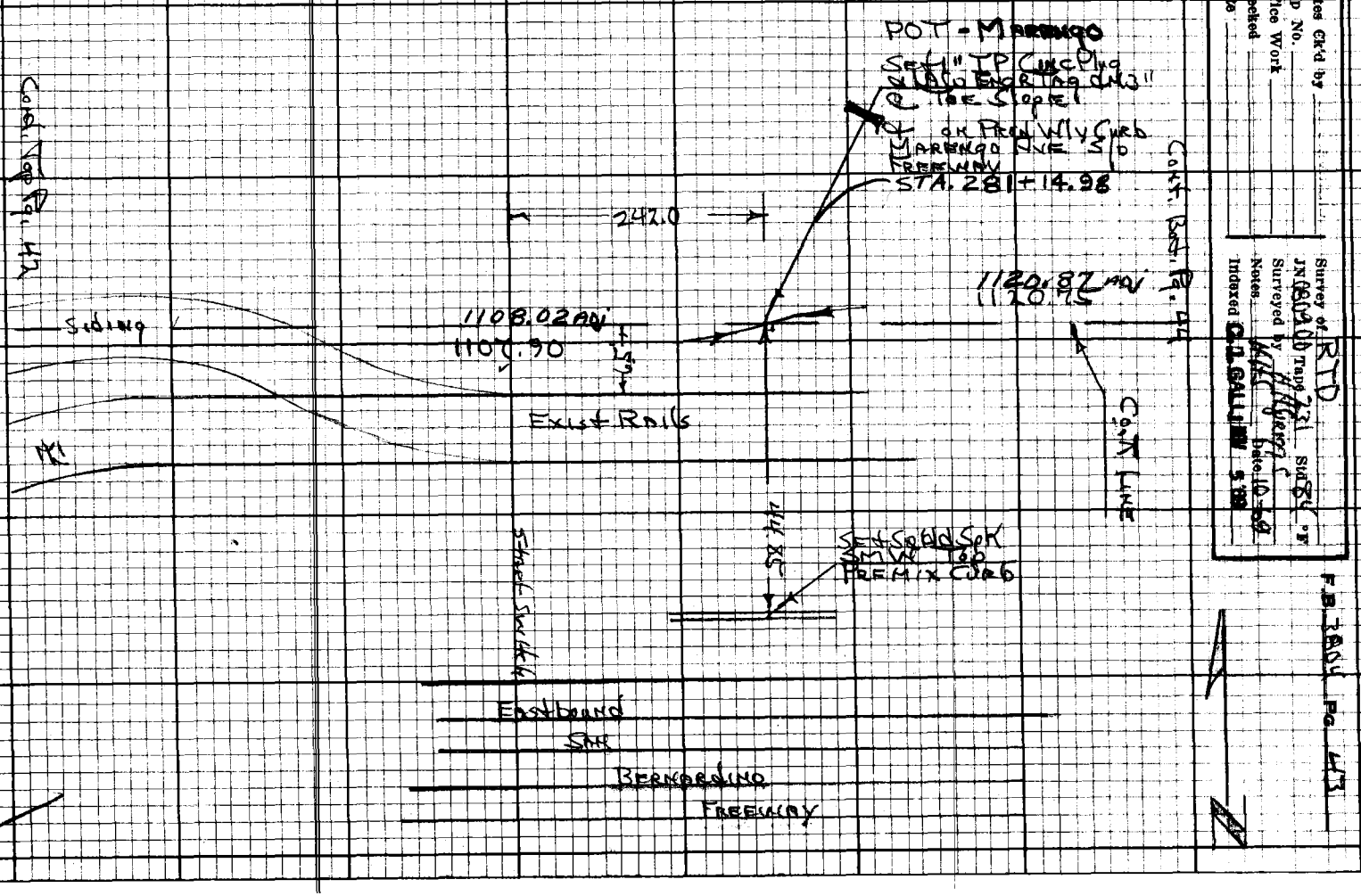
W.S. 8, D-6



FB 5804 Pg 44

Cont. Bot. Pg. 45

1120.74 Inv @ 292+35 = 1120.75

1093.43 " " 292 = 1093.44

Cont. Top Pg. 43

WS 8-2

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76F3098 CE#310 2-67

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W.S.-8,15-6

N1y.
1. 179-59-45
4. 359-58-30
6. 359-57-45 ✓
8. 179-59-38 ✓

Westbound
San Bernardino
Freeway

POT
Set 1/2" IP in Top Conc Barrier Wall @ End
STA. 304+12.47

179-59-38
28 Adj

Fd Rd Nail in Top Conc

12.04

1093.44 ✓
1093.56 Adj

83.04 ✓
83.06 Adj

1638.93
1639.09 Adj

Exist

Rails

Atlantic Blvd.
Overcrossing

Conc. Bent Pole

PT - H-2
Set 1/2" IP in Top Conc Barrier Wall @ N'ly End
STA. 303+29.41

23.04 Meas @ 340° - 33.04 ✓

Survey of RTD
JN 80900 Page 231 Std. 8" "F"
Surveyed by HS Date 10-85
Notes
Indexed BL BALL IN 5.98

Notes Ck'd by
Map No.
Office Work
Checked
Date

F.B. 3804 Pg. 45

F.B. 3804 Pg 46

Cont Bot Pg. 47

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9-3-18 SM

POT
Set 1/2" I.P. 1 1/4" Brass Cap Nail & Tag "RCE 14"
STA. B 20+98.07
1713.88
1714.07 ADJ

46.50
46.51 ADJ

EXIST. FOLKS

6TH STREET
OVERCROSSING

FOUND NAIL IN TOP @ COR.

1639.09 ADJ
1638.93

1191

WEST BOUND
SOUTH
BERNARDINO
FREEWAY

C.L. THREE

POT - 6TH ST.
Set 1/2" Collinger Brass Cap Nail & Tag "RCE" Nail & Washer
STA. 320+51.56

1639.04 FENCE @ 74° = 1638.93 ✓
46.50 " 76° 46.50 ✓
1713.95 " 78° = 1713.88 ✓

Cont Top Pg 45

76F3098 CE#31D 9-67

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W.S. 44, A-6

81.64 LEVE (@ 78° = 81.64 ✓

1671.05 " " 80° = 1671.01 ✓

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of RTD
JN 08-3-00 Tape 2-2-1 Std 54°F
Surveyed by HHS Date 1975
Notes
Indexed Date 10-19
BALLIN 5 89

Westbound
San
Bernardino
Freway

Cont. Top of Fill

Cont. Top of Fill

Ed Rd Hill
Top Wall @ End

11.75

1714.07 ADJ
1713.88 ✓

1650

81.64 ✓
81.65 ADJ

179-59-33 ADJ

POT
Set 1/2" TK in
Top Conc Pave-
ment @ End
STA 338+93.79

1671.19 ADJ
1671.01 ✓

Exist.

Rails

XPT. #3
Set LAC Engr Tag
1/2" Lead in Top Conc
Parapet Wall @
W'ly End
STA. 338+12.14

Earfield Ave
Overcrossing

S'ly
1. 179-59-30
4. 359-58-15
6. 359-57-15 ✓
R. 179-59-33 ✓

Cont. Rat Pg 46

F.B. 3804 Pg. 47

F.B. 3804 Pg. 48

POT
STA. 367+19.86
Set 1" IP Cons Plug
Set LACo Encr Tag
Set 1" IM Drain
Top IP 1.63' lower than Co. Tag to Curb

POT is @ WIN
End Conc Retaining Wall @ South Side - Westbound

Cont. Top Pg. 49

WS 44 A-7

Wall

12" Conc Retaining Wall

Set LACo Encr Tag on Tg. Wall

41.61

8.89

Set LACo Encr Tag on Tg. Wall

12" Conc Retaining Wall

Co. A Line

17.41

Set LACo Encr Tag in Conc Top of Overcrossing Pier

Aimansor

Street ℄

41.87

Overcrossing

Beaubardino Freeway

Westbound Soon

Exist

STA. 355+64.98
& PT. H4
Set 1" IP Cons Plug
Set LACo Encr Tag
Set 1" IM Drain
Top IP is 31" lower than Co. Tag Tie to Curb

Cont. Top Pg. 47

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Date

Survey of RTD
JN 0809.00 Tape 231 Std 84 °F
Surveyed by HHG/RIGGS
Notes HHG Date 10-69
Indexed G.L. GALLI NOV 5 '69

F.B. 3304 PG. 49

Cont. Bot. Pg. 50

RAILS

POT
SET LA CO TK IN CONC
PARAPET @ END
STA. 383+61.24

1268.12 ADJ
1267.98

LIGHT
81.99 ADJ

NEW AVE

OVERCROSSING

1267.96 LEVEL @ 86°=1267.98
81.97 LEVEL @ 86°=81.99

WESTBOUND
SAN BERNARDINO FREEWAY

TOP OF CUR

11.89

1559.39 ADJ
1559.25

POT-NEW AVE
SET LA CO ENGR TAG
IN LEADING TOP CONC
PARAPET WALL @
W'LY END
STA. 382+79.25

6.50

CO. LINE

EXIST.

6.50

Cont. Top Pg. 48

MSC44 A-5

NEW

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7EF3008 EE#310 9-67

F.B. 3804 Pg 50

Cont. Bot. Pg

1269.87 ADJ
1269.87 S

Parks

N

WS 44 B15

PEDESTRIAN UNDERCROSSING

Jackson Ave.

SET 1" IP
NO TAG
SW COR

SET 1" IP
NO TAG
NW COR

47.13

17.10

0.84

SET 1" IP
NO TAG
SE COR

1268.18 ADJ
1268.18 S

STA. 396+29.36

NORTH EAGLE EAST BOUND FREEWAY

POT JACKSON
SET 1" IP CONC
PLUG & TAG EMPR
TAG DN. 1"
TOP IP IS 4" HIGHER
THAN TOP OF
NE. H. C.B.
POT IS ON PROD
OF WLY CURB
OF JACKSON AVE

WASHINGTON

SAN BERNARDINO FREEWAY

CAT. LINE

Exist

550

Cont. Top Pg 49

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76F3098 CE#310 9-67

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W.S. 44, B-6

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of RTD
JN 8609.00 Page 231 Std. 24 "T"
Surveyed by HAS Date 10-69
Notes
Indexed B.L. GALLI NV 5 69

F.B. 3804 Pg. 51

WESTBOUND
SAN
BERNARDINO
FREEWAY

Cont. Map 50

Cont. Map 52

Co. Line

12.95

FD. R.S. HdNail
on Top of Cor

269.87 adj
269.73

889.75 adj
889.72

81.03

179-59-50
41 adj

Exist

Rails

DEL MAR AVE
OVERCROSSING

STA 408+77.23

STA 409+80.26

1269.70 adj 1269.73
81.03 " " 81.03

S1Y
1. 179-59-45
4. 359-59-15
6. 359-59-00
A. 179-59-50

F.B. 3804 Pg. 52

Cont. Top Pg. 3

Cont. Top Pg. 4

Rails

STA. 418+70.01
POT - ALHAMBRA CHANNEL

Set 1" IP Conc
Top of Lac Center
Top 8" Pk. 4"

Top IP is 28"
Concrete Inner
Wall
Tie to
NW on Headpost

Set 1" IP
End Headpost

1726.08 AN
1726.03

N.58

8.94

35.07

Set Nail & Spk
in Plus Header

Set Nail
in Top of
Curb Header

889.73 AN
889.77

Alhambra Channel

Overcrossing

Alhambra Avenue

Westbound
5N

Bernardino
Freeway

Exist.

Cont. Top Pg. 4

N 90° 00' 00" E
1170.96

S 89° 10' 00" W (Bearing Assumed)
1170.03

W S 44 B-6

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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76F3098 CE#310 9-67

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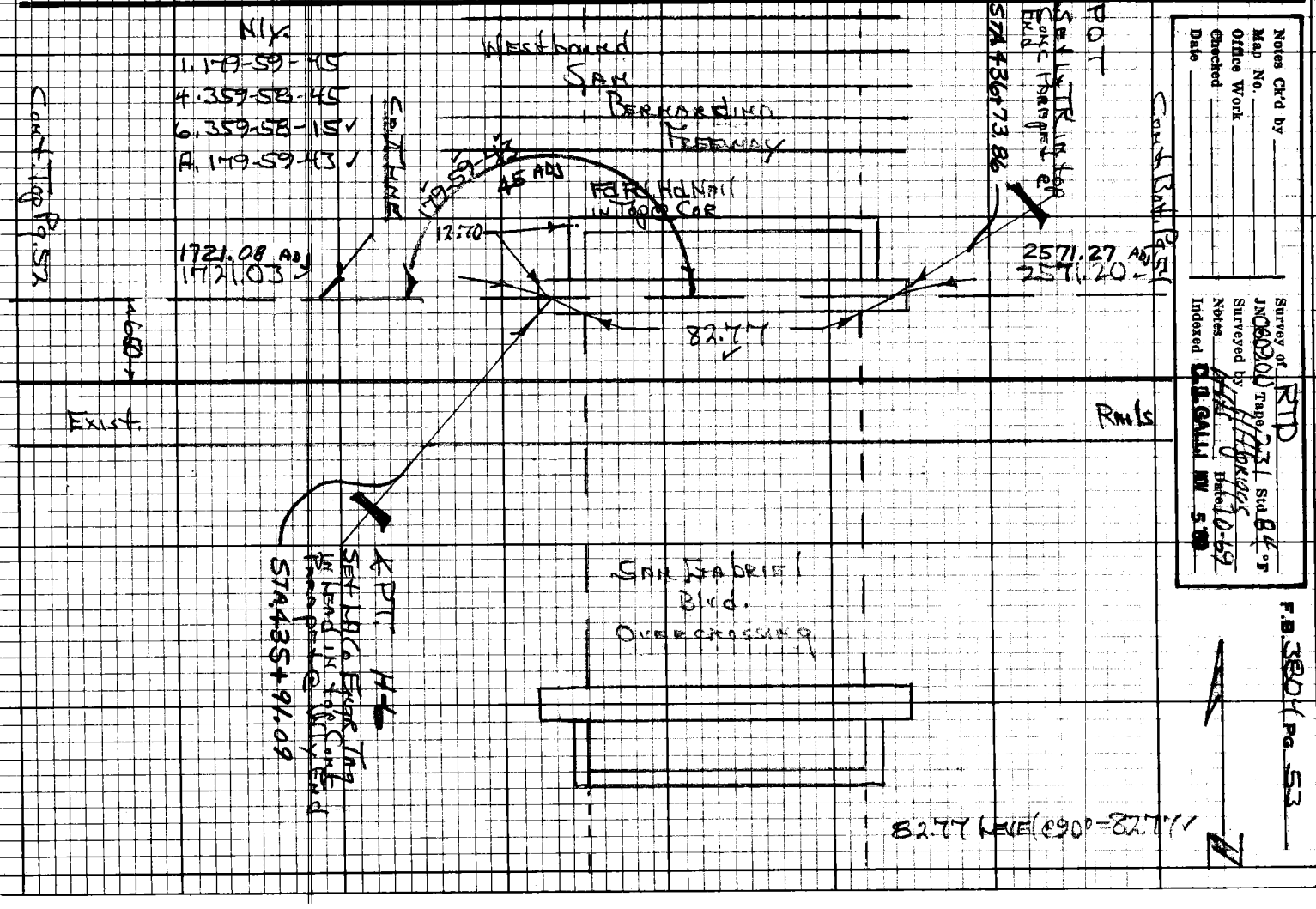
W.S 44 13-C



Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of
JN 0900 Tape 231 Std. 84°F
Surveyed by
Notes
Indexed
Date 10-69

F.B. 3804 Pg 54

Cont. Rt. Pt. 52

Rails

PT
STA 463+27.45
Set 1" Iron Pipe
Conc. Bound. Tag
In Concrete

1892.47
1892.71 Adj

Walnut Grove Ave.

Overcrossing

Cont. Rt. Pt. 53

Cont. Top Pg. 53

Ex. St.

Westbound

San Bernardino Freeway

Ramp

2571.27
2571.10 Adj

Co. Line

Pt. H-7
Set 1" Iron Pipe
Conc. Bound. Tag
@ Wly End
STA. 462+45.13

1.179-69-15
4.359-57-15
1.359-56-00
4.179-59-20

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403 Los Angeles County Engineering Bldg.

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76F3088 CE#310 9-67

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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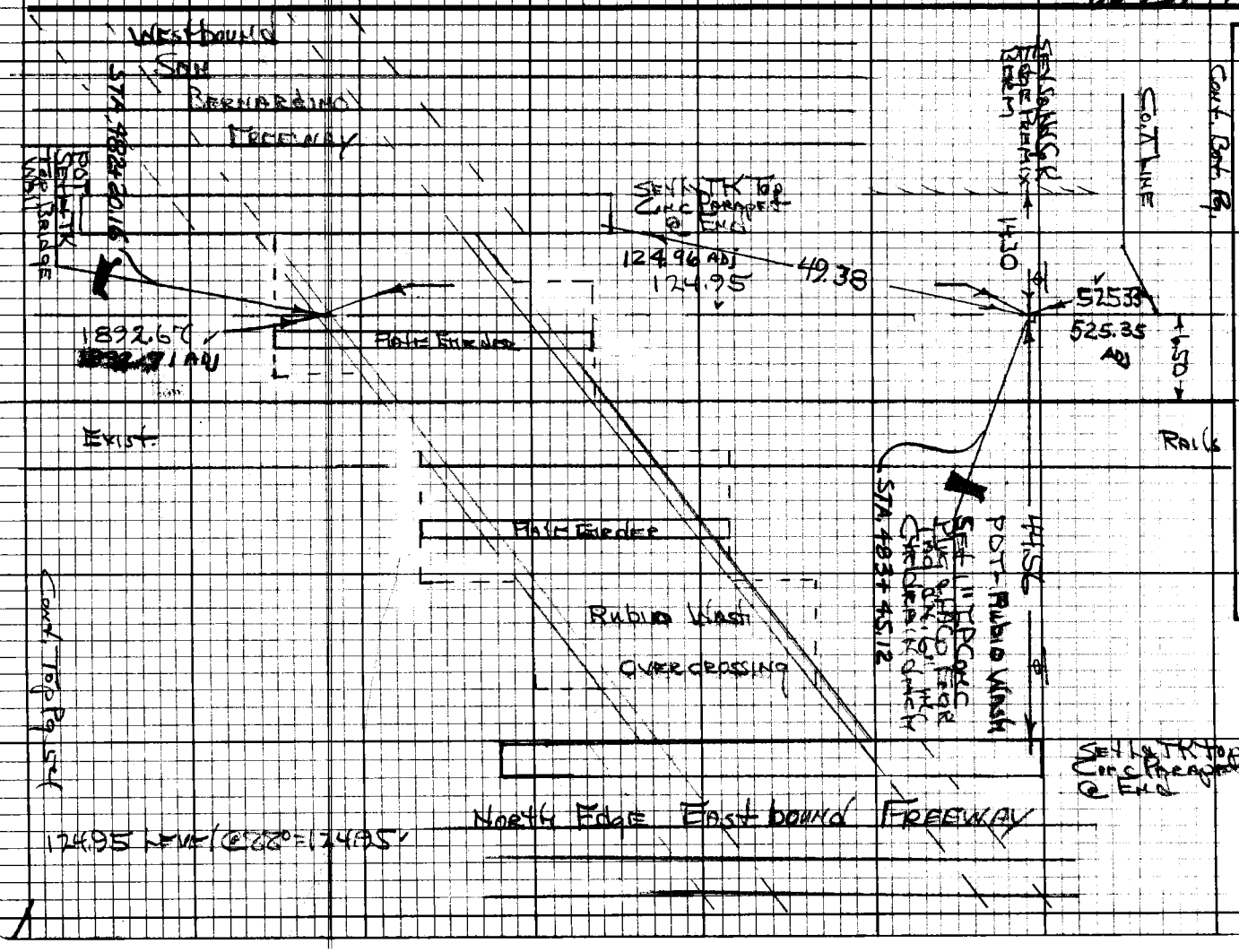
W.S. 44, C-6



F.B. 3804 Pg 56

Cont. FB3805-35

N 5°44'55" E

RAILS

PT. B-1

FOUND 1" IPC & CAP PLUG & TAG
PECLINAR TAG BK.6
FB3805-35
STA. 490+93.89

POT
SET C.H.
PECLINAR TAG
W'LY END

STA 490+76.80

PLACE TACK
FB3805-35

1163.62
1163.65 adj

52 adj

50

S75°32'14"E @ 80° = 525.33'
206.32'
1170.09
80° = 17.09'

14.33

17.09

206.32
206.33 adj

ESE Mendocino Blvd

Mendocino Blvd

Mendocino Blvd

Co. Line

525.35
525.33

EXIST.

POT
SET 1/2" IPC
CONC. PARKING
W'LY END

STA 488+70.47

N'LY.
1 180-00-00
4 39-59-30
4 35-59-00
B 179-59-50

Cont. To FB3805

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Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of RTD Prelim
JN 15000 Trans Std "F"
Surveyed by HH Yuggins
Notes HHY Date 11-69
Indexed G.L. GALLI NOV 24 '69

F.B. 3804 Pg. 57

Cont. Bot Pg. 58

INDEX MAP
JN 15000
RTD PRELIMINARY
X LINE INTERCHANGE
SOUTHERN PACIFIC
RAILROAD R/W

ALMANSOR ST
APX H-4
Pg 18

GARFIELD AVE
APX H-3
Pg. 4

6TH ST
P.O.T
Pg A6

ATLANTIC BLVD.
X PX H-2
Pg A5

MARQUERITA AVE
POT
Pg. 44

X LINE

MARRIOTT AVE.
POT
Pg. 43

LA CO

Cont. Top Pg. 10

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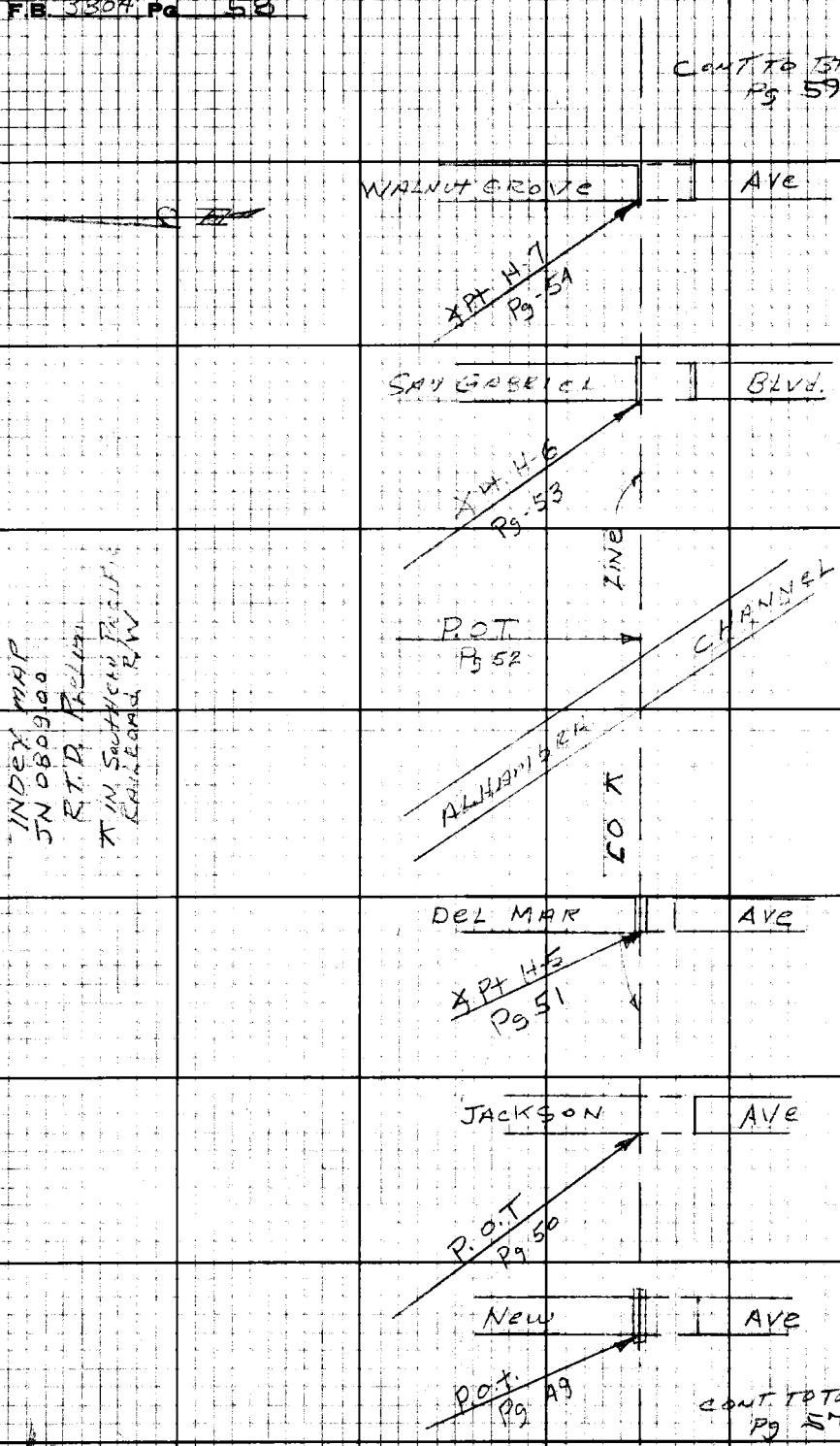
7SE308 CE#310 9-67

F.B. 3304 Pg. 58



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Office Work
Checked
Date

Survey of RTD Preliminary
JN 0809 00 Tape Std °F
Surveyed by HH SPK GGS
Notes HHS Date 11-69
Indexed G.L. GALLI NOV 24 '69

F.B. 3804 Pg. 59

℄ ℄

INDEX MAP
JN 080900
RTD Preliminary
T LINE IN THE
SOUTHERN PACIFIC
RAILROAD R/W

For Continuation of Co. ℄ Line
Ely See FB 3805-35-Etc

XPH B-2
Pg. 56

Rosemead Blvd

LACO ℄ Line

R.O.T.

Pg. 55

UPSH

Rubio

Cont. To Top
Pg. 58

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7R9G9B CE#SID 9-67

F. B3804 Pg. 61

NOTES RED. JOB NO. 0809.00 SURVEY OF R.T.D.
DATE SURVEY BY HHSpriggs
NOTES CHKD. NOTES BY HHS DATE 11-69
DATE INDEXED C.J. GALLI DATE NOV 24 '69

DESCRIPTION

BENCH LEVEL CIRCUIT

RTD

SAN GABRIEL TRANSPORTION CORRIDOR

JN. 0809.00

(Mission Road to Del Mar Avenue)
SEE FB3805 For Circuit Ely.

ADJ. ELEV.

Kern Level 82525
Lower Rods 19420

Index Maps Pg. 62-68

HHSpriggs
J.T. Farsey
R.L. Tomsitty
D.B. Boketh

3RD RUN

2ND RUN

DIFF.

1ST RUN

B.M.

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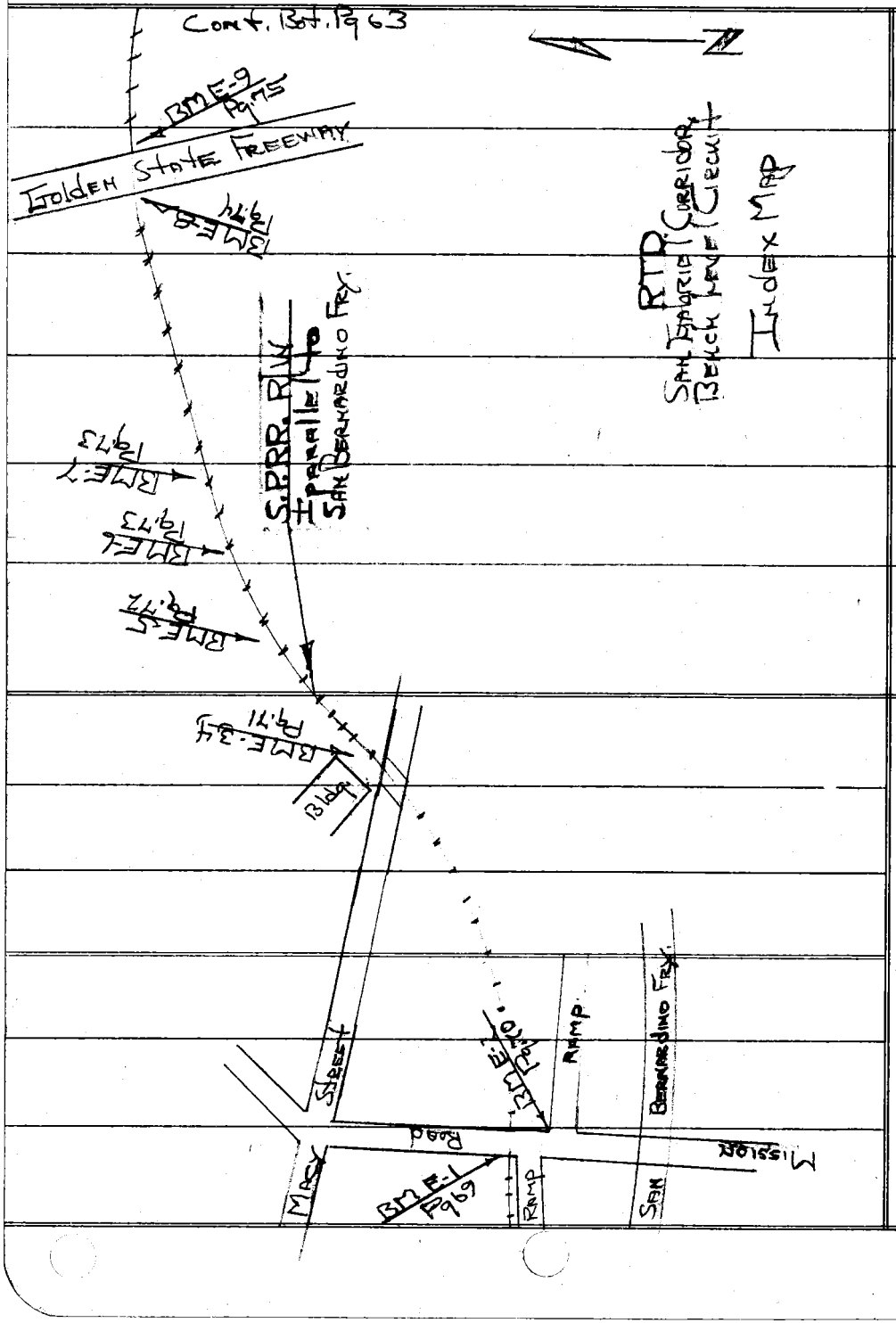
725 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 4-54

F. B. 3804 PG. 62

JOB NO. D809.00 SURVEY OF RTD
SURVEY BY H.H. Spragg 11/65
NOTES BY
DATE 11-69
INDEXED C.J. GALLI
DATE

NOTES RED.
DATE
NOTES CHKD.
DATE



B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

Do not extend notes this side of this line

765420 S & E-353 4-54

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76S420 S & E-353 4-54

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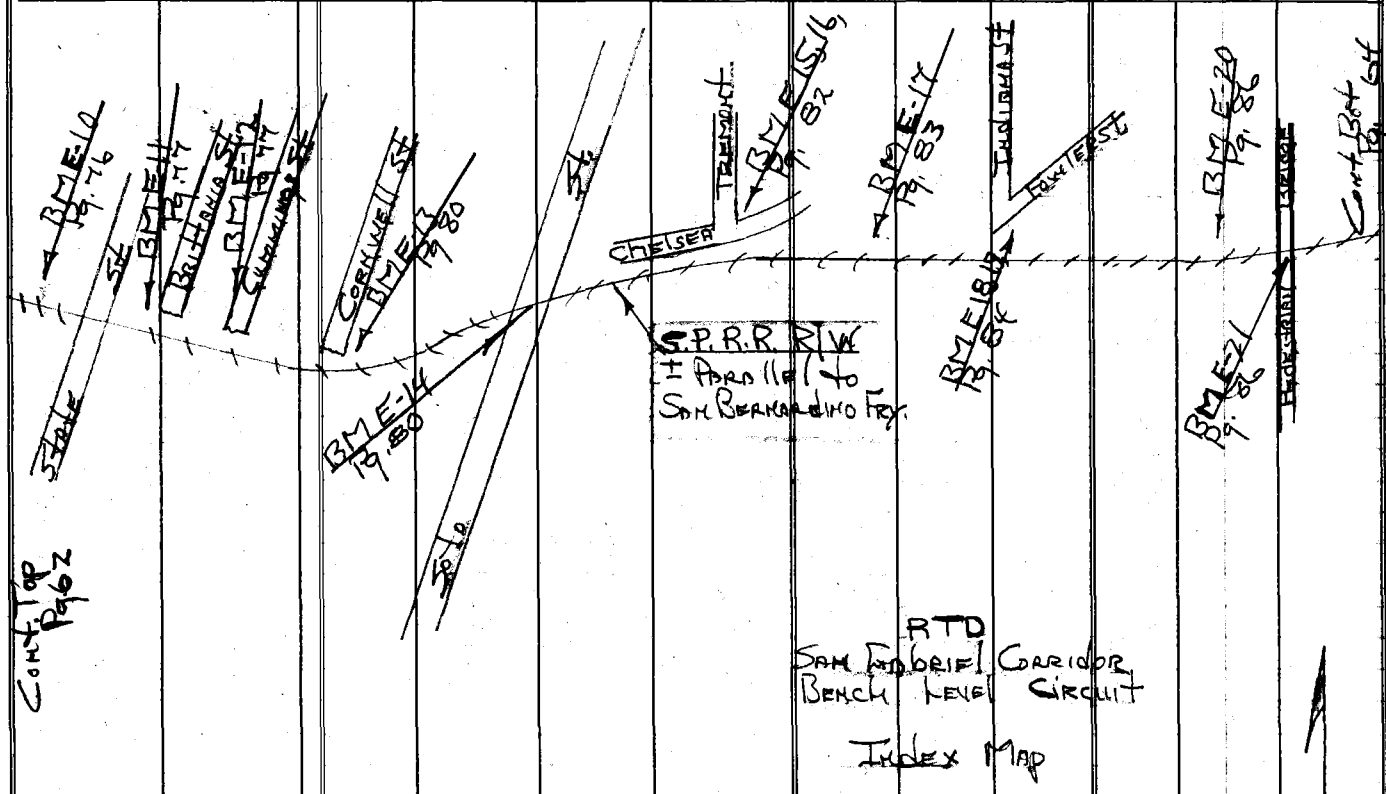
Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

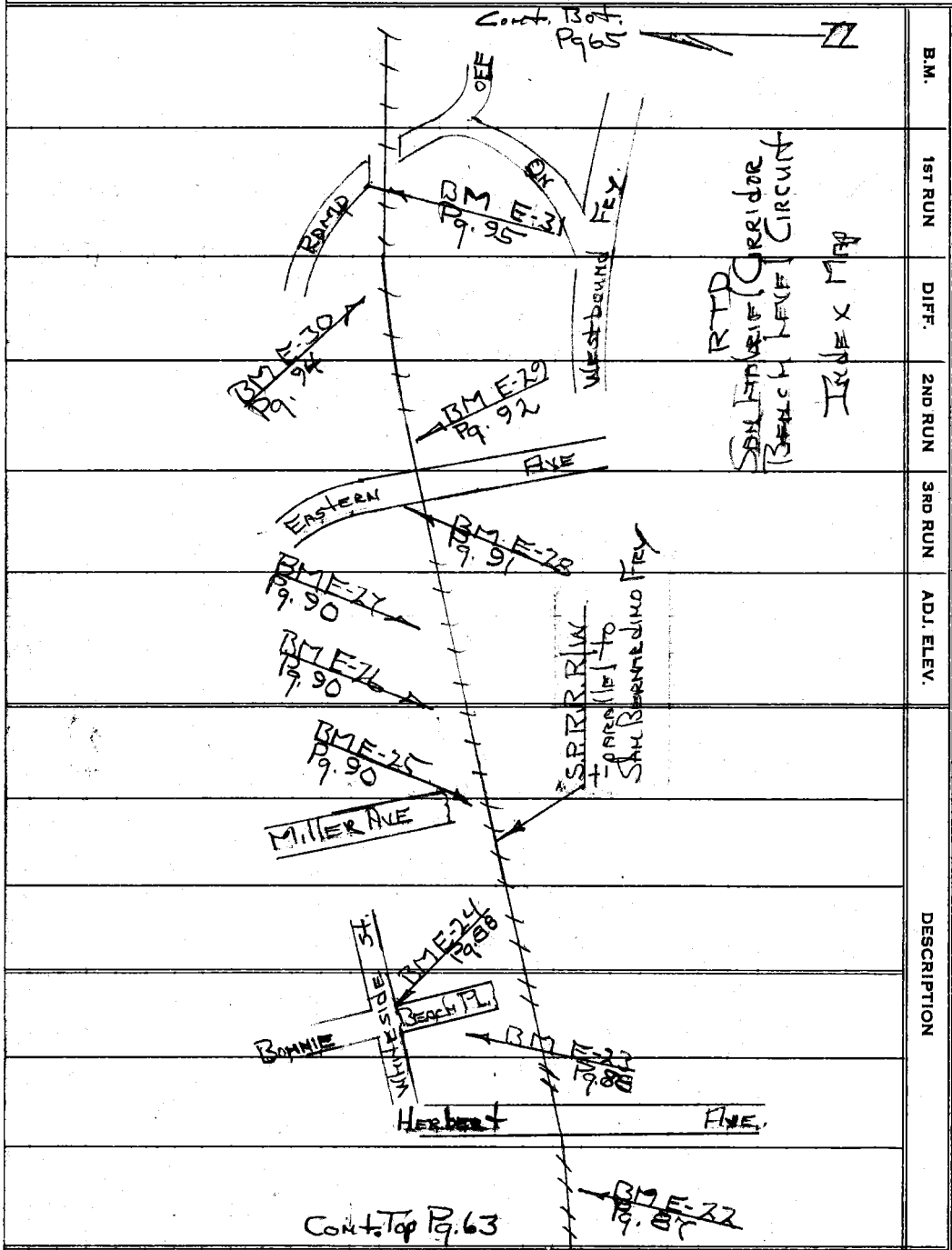


NOTES RED_____ JOB NO. 0503.00 SURVEY OF RTD Rec Lim
DATE_____ SURVEY BY HH
NOTES CHKD._____ NOTES BY HH DATE 11-69
DATE_____ INDEXED G. J. GALL DATE NOV 24 '69

F. B. 3804 Pg. 63

F. B 3804 Pg. 64

JOB NO. 0809.00 SURVEY OF RTD Prelim NOTES RED.
SURVEY BY HHS 8-1996 HHS DATE 11-69 DATE
NOTES BY C.J. GALLI DATE NOTES CHKD.
INDEXED DATE DATE



B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

765420 S & E-383 4-84

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769420 S & E-353 9-55

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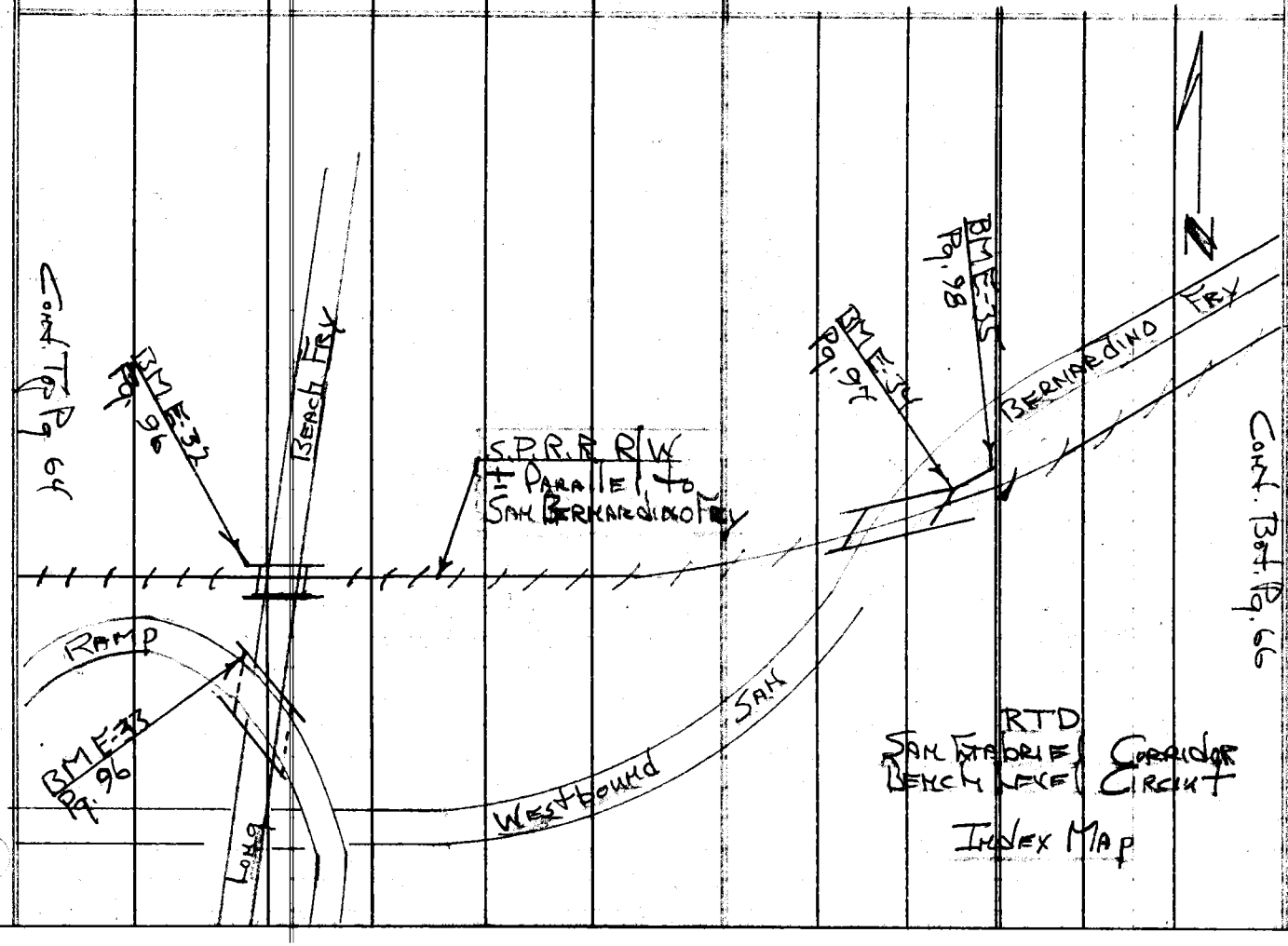
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION



NOTES RED _____ JOB NO. 0809.00 SURVEY OF RTD Prelim
DATE _____ SURVEY BY HH [illegible]
NOTES CHKD _____ NOTES BY [illegible] DATE 1-69
DATE _____ INDEXED C. L. GALLI DATE NOV 24 1969

F. B3804 Pg. 65

765420 S & E-353 9-55

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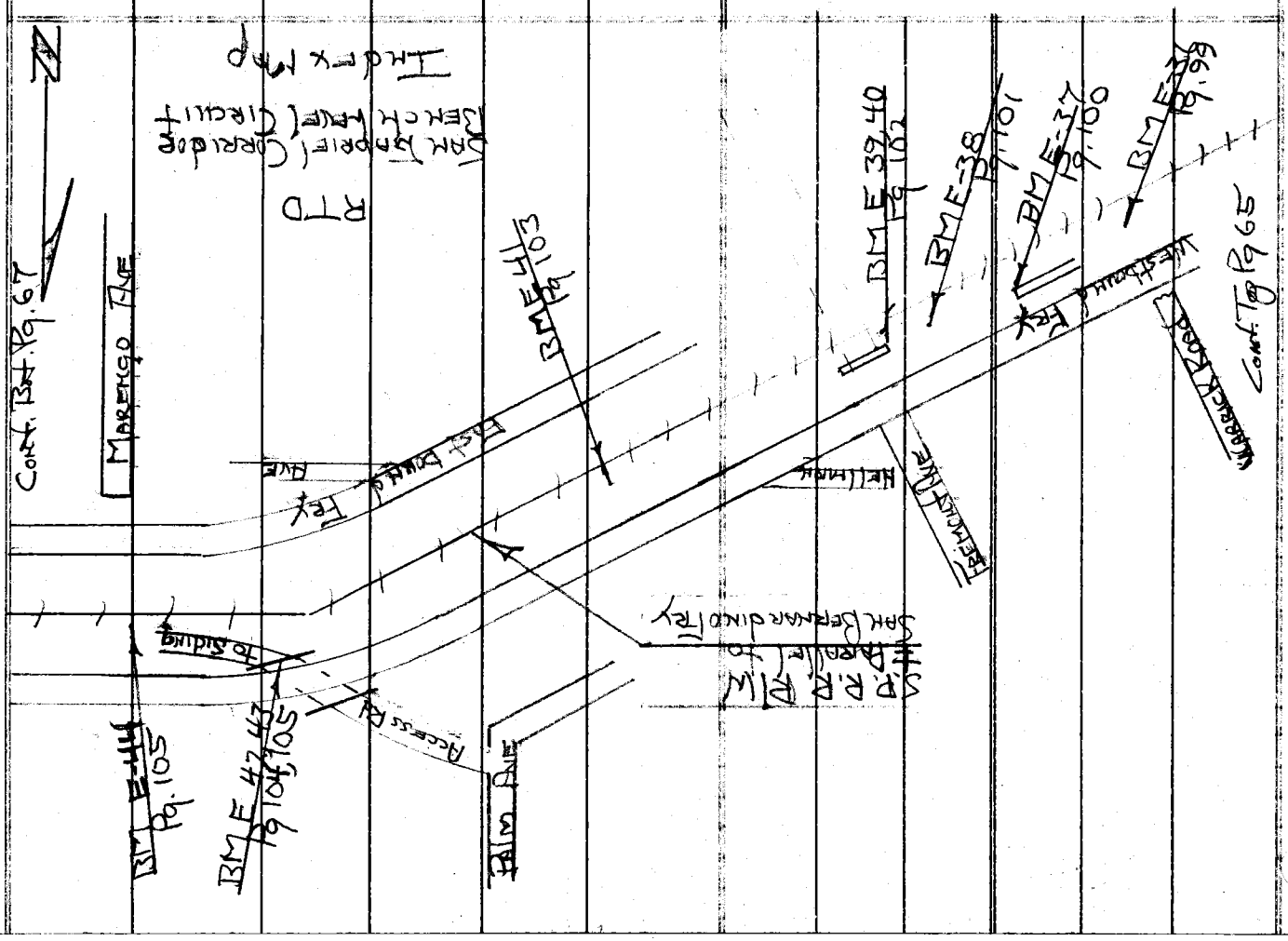
Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION



JOB NO. 0809.00 SURVEY OF RTD Prelim NOTES RED.
SURVEY BY HH DATE 11-69 DATE
NOTES BY HH DATE NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F. B. 3804 PG. 66

NOTES RED _____ JOB NO. 0809.00 SURVEY OF RTD PRELIM | F.B. 3804 PG. 67

DATE _____ SURVEY BY AHSpriggs

NOTES CHKD. _____ NOTES BY HHB DATE 1-69

DATE _____ INDEXED C.J. GALLI DATE NOV 24 '69

For continuation of F Bench Circuit see FB 3805

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
BM R-62 Pg. 119						
Del Mar						
BM E-61 Pg. 118						
Jackson						
BM E 58, 59 Pg. 117						
New						
BM E-57 Pg. 115						
BM E-55 Pg. 115						
Almansor						
BM E 53 Pg. 113						
Fairfield						
BM E 51, 52 Pg. 111, 112						
6th						
BM E 49, 50 Pg. 110						
Atlantic						
BM E 47, 48 Pg. 108						
Marguerita						
BM E 45, 46 Pg. 106, 107						

Ave. Ave. Ave. Ave. St. St. Ave. St. Blvd. Ave

Fwy. Fwy. West Bound East Bound

SP RR R/W + Parallel to San Bernardino Freeway

BM E 54 Pg. 114

BM E 56 Pg. 116

RTD San Gabriel Corridor Bench Level Circuit Index Map

Cont. Top Pg. 66

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Ed BM LA City 12-03650	302.801	✓			302.801	BM 12-03650 ELEV. 302.801 ✓ 1963 Adj. ✓
+	4.857		4.898			Cut Sq K IN N.W. curb Mission Rd., 12 FT
Π	307.658	+3.602	3.601 ✓			N/o BC, C.R. N.E. of Macy St. N. End CB.
−	1.255		1.297			
Ed BM LA City 12-04210	306.403	✓			306.401	BM 12-04210 ELEV. 306.401 ✓ 1963 Adj. ✓
						Cut Sq. IN N. curb Macy St. @ E. pylon to
						bridge 260' W/o Mission Rd.
+	2.859		2.975			
Π	309.262	-8.514 ✓	8.518 ✓			
−	11.373		11.493			
	297.889 ✓					
+	0.830		0.858			
Π	298.719	-8.156	8.159 ✓			
−	8.986		9.017			
	289.733 ✓					
+	0.881		0.902			
Π	290.614	-7.719 ✓	7.718			
−	8.600		8.620			
BM E-1	282.014 ✓				282.015	BM E-1 ELEV. 282.015 FC3304 - Mission Rd., N/y. side. 20' E N/o S.P. RR R/W Asst SM Bt. Sq K IN Land IN S/y Cor Conc C.B.

NOTES RED. _____ JOB NO. 080000 SURVEY OF RTD Rechecking
DATE _____ SURVEY BY _____
NOTES CHKD. _____ NOTES BY _____ DATE 11-69
DATE _____ INDEXED G.J. GALLI DATE NOV 14 '69

F. B. 3804 PG. 69

76S420 S & E-353 4-54

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JOB NO. 0800.00 SURVEY OF RTD PRELIM
SURVEY BY HH 10-8-69
NOTES BY C. J. GALLI DATE 11-69
INDEXED DATE
NOTES RED DATE
NOTES CHKD DATE

F. B3804 PG. 70

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM-E-1	282.014				282.015	
+	3497		3543			
π	285511	-3.354	3356			
−	6851		6899			
BM-E-2	278 660				278.662	BM-E-2 Elev. 278.662 FB3804- Mission Rd. Hillside. N.E. C.R. of Westbound Exit Ramp of San Bernardino Fwy. Flset Sh Bt Sp K in Lead in curb 3' N/o N. End C.R.
+	7.033		7.045			
π	285.693	+0.492	0.492			
−	6541		6553			
	279.152					
+	4666		4693			
π	283.818	-0.553	0.551			
−	5219		5244			
	278.599					
+	5.005		5032			
π	283.604	+0.268	0.268			
−	4737		4764			
	278867					

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	278.867 ✓					
+	6.710		6698			
Π	285.577	+0.341 ✓	0.346 ✓			
−	6369		6352			
	279.208 ✓					
+	5.542		5525			
Π	284.750	+2.217 ✓	2.214 ✓			
−	3325		3311			
BM-E-3	281.425 ✓				281.431	BM E-3 Elev. 281.431 FB3804- S.P. R.R. R/W - W'ly side @ Macy St. overcrossing 2 sty Brick Bldg (S.P. Offices & Shops) @ N'ly side. A Set'g Bt Spk in mortar joint @ SE Cor.
+	3740		3759			
Π	285.165	+1.070 ✓	1.071 ✓			
−	2670		2688			
BM-E-4	282.495 ✓				282.502	BM-E-4 Elev. 282.502 FB3804- S.P. R.R. R/W - W'ly side @ Macy St. overcrossing - 2 sty Brick Bldg (S.P. Offices & Shops) @ N'ly side - A Set Sm Bt Spk in edge in N'ly Ce Conc Entry Slab
+	4.179		4.200			
Π	286.674	-0.261 ✓	0.260 ✓			
−	4440		4460			
	282.234 ✓					

NOTES RED _____ JOB NO. 0809.00 SURVEY OF RTD Rail
DATE _____ SURVEY BY _____ DATE 11-69
NOTES CHKD. _____ NOTES BY _____ DATE _____
DATE _____ INDEXED C.J. GALLI DATE _____

F.B. 3804 PG. 71

765420 S & E-353 4-54

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JOB NO. 1.609.00 SURVEY OF RTD Rel'wy
SURVEY BY [illegible] DATE [illegible]
NOTES BY G. [illegible] DATE 11-69
INDEXED DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3804 PG. 72

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	282.234					
+	5790		5806			
Π	288.024	+ 1.370 ✓	1.371			
−	4420		4438			
	283.604 ✓					
+	5.309		5.330			
Π	288.913	+ 1.043 ✓	1.038 ✓			
−	4.266		4.292			
	284.647 ✓					
+	5141		5469			
Π	290.088	+ 0.181 ✓	0.179 ✓			
−	5760		5290			
BM E-5	284.828 ✓				284.839	BM E-5 Elev. 284.839 FB3804-[illegible] S.P.R.R. R/W W/y. side Adj. to Maintenance Yard Chain Link Fence
+	6.100		5948			
Π	290.928	+1.720 ✓	1.725 ✓			
−	4380		4273			
	286.548 ✓					
+	5.279		5270			Afd. 1" IP Conc Plug & MAG Encr Tag dk. 3" 5.7' W/y of F.W. Rail = KPT. A-4 per FB 3805-17
Π	291.827	+0.335 ✓	0.332 ✓			
−	4944		4938			
	286.883 ✓					

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED. _____ JOB NO. 0B3.00 SURVEY OF RTD Rail
DATE _____ SURVEY BY. [illegible]
NOTES CHKD. [illegible] NOTES BY. [illegible] DATE 1-69
DATE _____ INDEXED C. J. GALLI DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	286.883					
+	5417		5462			
π	292.300	+0.986	0.989			
−	4431		4473			
	287.869					
+	5745		5859			
π	293.714	+1.565	1.569			
−	4280		4290			
	289.434					
+	5390		5416			
π	294.824	+0.501	0.501			
−	4889		4915			
BM E-6	289.935				289.950	BM E-6 Elev. 289.950 F.B. 3804 S.P. R.R. R/W W'ly side AFd. HACo Engr. T.M. in head in Conc. Fr. of Conc. Pilaster of Conc. Retaining Wall @ ℄ P.T. in wall 7.0' W/o W'ly Rail near S'ly end of Wall
+	5567		5590			
π	295.502	+1.006	1.011			
−	4561		4579			
	290.941					
+	5437		5462			
π	296.378	+3.507	3.504			
−	1930		1958			
						11.0' W'ly of W'ly Rail
BM E-7	294.448				294.465	BM E-7 Elev. 294.465 F.B. 3804 - SP RR R/W, W'ly side, AFd II on N'ly End Conc. Retaining Wall W/ I.P. Railing on Top

F.B. 3804 Pg. 73

765420 S & E-353 4-54

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JOB NO. 2800 SURVEY OF RTD Ref line
SURVEY BY HHR 11-19-69
NOTES BY C.J. GALLI DATE 11-19
INDEXED DATE
NOTES RED DATE
NOTES CHKD DATE

F. B3804 Pg. 74

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-7	294.448 ✓				294.465	
+	2850		2830			
π	297.298	- 1.448	1.449			
−	4.298		4.279			
	293.000 ✓					
+	5280		5308			
π	298.280	+0.566	0571			
−	4714		4737			
	293.566 ✓					
+	5629		5655			
π	299.195	+1.331	1.327			
−	4.298		4328			
	294.897 ✓					
+	5465		5510			
π	300.362	+4.613	4.609			
−	0.852		0901			
BM E-8	299.510 ✓				299.531	BM E-8 Elev. 299.531 B3804- S.P.RR RW, Sly side @ Golden State Fwy overcrossing A Set Sm Bt Sp K in N.Wly cor of Most Wly Conc. Pier

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-8	299.510				299.531	
+	3300		3292			
Π	302.810	+1.666	1.664			
−	1.634		1628			
BM E9	301.176				301.198	BM-E9 Elev. 301.198 FB3804 SP.R.R. R/W S/y side & Holden Statter Rx crossing A Set Sm Cut in N. Flx Cor of most Ely. Conc Pier.
+	2.594		2620			
Π	303.770	-2.619	2.620			
−	5213		5240			
	298.557					
+	5.207		5220			
Π	303.764	+1.017	1.016			
−	4.190		4204			
	299.574					
+	5.837		5279			
Π	305.411	+2.917	2.921			
−	2920		2958			
	302.491					

NOTES RED _____ JOB NO. 1363.00 SURVEY OF RTD PRELIM
DATE _____ SURVEY BY _____
NOTES CHKD. _____ NOTES BY _____ DATE 11-69
DATE _____ INDEXED C. J. GALLI DATE _____

F.B. 3804 PG. 75

76S420 S & E-353 4-54

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Do not extend notes this side of this line

JOB NO. 0809.00 SURVEY OF RTD Rel'n
SURVEY BY HH 8/8/99 DATE
NOTES BY HH DATE 11-69
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3804 Pg. 76

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	302.491 ✓					
+	7.738		7.720			
π	310.229	+5.989 ✓	5.990 ✓			
−	1.749		1.730			
BM E-10	308.480 ✓				308.505	BM E-10 Elev. 308.505 FB 3804- SP R.R. R/W N'ly side 50' ± W/o State St. overcrossing Set 4 Bt Sp & in Conc Block Retaining wall mortar joint near E'ly End
+	1.001		1.012 ✓			
π	309.481	-3.451 ✓	3.453			
−	4.452		4.465			
TP	305.029 ✓					
+	6.100		6.124			
π	311.129	+1.572 ✓	1.572 ✓			
−	4.528		4.552			
TP	306.601 ✓					
+	5.790		5.816			
π	312.391	+1.520 ✓	1.515 ✓			
−	4.270		4.301			
TP	308.121 ✓					

769420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	308.121					
+	5.956		5.977			
Π	314.077	+2.955	2.956			
−	3.001		3.021			
BM E-11	311.076 ✓				311.105	BM E-11 Elev. 311.105 FB3804 S.P.R.R. R/W N/ly side @ Pk @ End of St. A set SM B/Spk in lead in Conc Cap of Conc. Block Wall @ End = S. Ely Cor County Parking lot.
+	3.286		3.329			
Π	314.362	−1.026 ✓	1.029 ✓			
−	4.312		4.358			
	310.050 ✓					
+	6.270		6.289			
Π	316.320	−1.383 ✓	1.386 ✓			
−	7.653		7.675			
BM E-12	308.667 ✓				308.698	BM E-12 Elev. 308.698 FB3804 S.P.R.R. R/W N/ly side @ Cummings A set SM B/Spk in W/ly curb @ Water Meter @ Dwg #1011
+	5.348		5.370			
Π	314.015	+4.311 ✓	4.311 ✓			
−	1.037		1.059			
	312.978 ✓					
+	10.171		10.191			
Π	323.149	+9.791 ✓	9.791 ✓			
−	0.380		0.400			
	322.769 ✓					

NOTES RED. _____ JOB NO. 080200 SURVEY OF RTD
DATE _____ SURVEY BY. [illegible] DATE 1-1-69
NOTES CHKD. _____ NOTES BY. _____ DATE _____
DATE _____ INDEXED. C. J. GALLA DATE _____

F. B. 3804 PG. 77

768420 S & E-353 4-54

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725 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. 1802.00 SURVEY OF RTD Rel 1.4
SURVEY BY HHB/RPS DATE 11-69
NOTES BY DATE
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 3804 PG. 78

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	322.769					
+	10.690		10.715			
Π	333.459	+10.334	10.332			
−	0.356		0.383			
	333.103					
+	8.693		8.720			
Π	341.796	+4.832	4.832			
−	3.861		3.888			
	337.935					
+	5.367		5.393			
Π	343.302	+0.618	0.614			
−	4.749		4.779			
	338.553					
+	5.393		5.403			
Π	343.946	+0.836	0.833			
−	4.557		4.570			
	339.389					
+	5.366		5.375			
Π	344.755	+2.261	2.258			
−	3.105		3.117			
Fd BM-11-03090 LACHY	341.650				341.687	BM 11-03090 Elev ~~341.66~~ 341.687 FB 1963 Adj. Cut Sq. in E curb Cornwell St. 10' N. of Marengo St. @ So. end C.B.

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 11-03090	341.650 ✓				341.687	
+	5.990		6.042			
Π	347.640	+3.882 ✓	3.881 ✓			
−	2.108		2.161			
Fd. BM 11-03070	345.532 ✓				345.570	BM 11-03070 Elev 345.570 ✓ FB 1963 Adj ✓ Std Sur. Mon L.A. T-68 on ℄ Mar-EM90 St. 120' E/o ℄ Cuenca St.
+	2.752		2.809			
Π	348.284	-5.410 ✓	5.410 ✓			
−	8.162		8.219			
	340.122 ✓					
+	6.077		6.100			
Π	346.199	-2.751 ✓	2.748 ✓			
−	8.828		8.848			
	337.371 ✓					
+	0.182		0.215			
Π	337.553	-10.660 ✓	10.661 ✓			
−	10.842		10.879			
	326.711 ✓					
+	1.110		1.077			
Π	327.821	-7.809 ✓	7.811 ✓			
−	3.919		8.888			
BM E-13	318.902 ✓				318.935	BM E-13 — See Pg. 80

NOTES RED. ____ JOB NO. 080200 SURVEY OF. RTD Prelim
DATE ____ SURVEY BY. ____ DATE ____
NOTES CHKD. ____ NOTES BY. ____ DATE 1-69
DATE ____ INDEXED. C. J. GALLI DATE ____

F. B. 3804 PG. 79

765420 S & E-353 4-54

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725 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. D809.00 SURVEY OF RTD Rel 4M
SURVEY BY HH 4-4-68
NOTES BY 4-18-68 DATE 1-1-69
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 3804 Pg. 80

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM-E-13	318.902				318.935	BM E-13 Elev. 318.935 FB3804- SP. RR R/W - N/y side @ E/y side Cornwell St. A set Sm Bit Spk in Head in 4"x4" Rd. Conc. base of Elec. Transmission Pole. 9.0' N/o N. Rail
+	6.093		6.062			
π	324.995	+1.832 ✓	1.835 ✓			
−	4.261		4.227			
	320.734 ✓					
+	5.693		5.725			
π	326.427	+1.538 ✓	1.542 ✓			
−	4.155		4.183			
	322.272 ✓					
+	5.580		5.608			
π	327.852	+2.000 ✓	2.001 ✓			
−	3.580		3.607			
	324.272 ✓					
+	5.790		5.813			
π	330.062	+1.898 ✓	1.903 ✓			
−	3.892		3.910			
	326.170 ✓					
+	5.575		5.628			
π	331.745	+2.090 ✓	2.085 ✓			
−	3.485		3.543			
BM E-14	328.260 ✓				328.287	APT. FB3805-24 P.O.T. FB3804-13 BM E-14 Elev. 328.287 FB3804- S.P.R.R. R/W @ Soto St. - N/o N/y Rail Exist Tracks. A LA Co Engr Tag in Head in Top 10' Conc Drain Tunnel - Flush with ground

76S420 S & E-353 4-54

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-14	328.260				328.287	SEE Pg. 80
+	6.114		6.142			
Π	334.374	+1.529	2X.528			
−	3.585		3.614			
	330.789 ✓					
+	6.200		6.240			
Π	336.989	+2.587 ✓	2.585 ✓			
−	3.613		3.655			
	333.376 ✓					
+	6.125		6.161			
Π	339.501	+2.580 ✓	2.581 ✓			
−	3.545		3.580			
	335.956 ✓					
+	5.490		5.57[illegible]			
Π	341.446	+2.669 ✓	2.669 ✓			
−	2.821		2.848			
	338.625 ✓					
+	5.680		5.715			
Π	344.305	+2.710 ✓	2.709 ✓			
−	2.970		3.006			
	341.335 ✓					

NOTES RED. _____ JOB NO. 0802.00 SURVEY OF RTD Prelim
DATE _____ SURVEY BY _____
NOTES CHKD. _____ NOTES BY _____ DATE 11-69
DATE _____ INDEXED C. J. GALLI DATE _____

F. B. 3304 PG. 81

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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. 080700 SURVEY OF R.T.D. Rel'M
SURVEY BY [illegible] DATE 1-69
NOTES BY C.J. GALLI DATE
INDEXED DATE
NOTES RED DATE
NOTES CHKD. DATE

F.B. 3804 Pg. 82

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	341.335					
+	5.949		5.963			
Π	347.284	+2.457	2.453			
−	3.492		3.510			
BM E-15	343.792				343.812	BM E-15, Elev. 343.812 FB 3804-82 Termination of Monument Ely & Chelsea Ave. N. Ely Cor. A Fd. LA Co Engr Tag in curb 30.5' E/o Cor.
+	4.220		4.249			
Π	343.012	+0.722	0.722			
−	3.498		3.526			
BM E-16	344.514				344.533	BM E-16, Elev. 344.533 FB 3804-82 Termination of Monument Ely. & Chelsea Ave. N. Ely Cor. A Fd. LA Co Engr Tag in curb 82.4' E/o Cor.
+	4.035		4.059			
Π	348.549	+0.982	0.982			
−	3.053		3.077			
	345.496					
+	5.802		5.733			
Π	351.298	+3.029	3.028			
−	2.773		2.705			
	348.525					

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	348.525					
+	5.938		5.981			
Π	354.463	+ 3.030 ✓	3.032 ✓			
−	2.908		2.949			
	351.555 ✓					
+	6.098		6.123			
Π	357.653	+3.023 ✓	3.023 ✓			
−	3.070		3.100			
	354.583 ✓					
+	5.791		5.809			
Π	360.374	+2.226 ✓	2.268 ✓			
−	3.565		3.581			
BM E-17	356.809 ✓				356.822	BM E-17 Elev 356.822 FB 3804-53
						S.P. RR R/W @ Rosecrans Avenue area
						Ped. Overcrossing (Temporary)
						Conc. Elev
						Side Conc Pier @ S/W edge Exist Bridge
+	5.207		5.233			
Π	362.016	+2.637 ✓	2.633 ✓			
−	2.570		2.600			
	359.446 ✓					

NOTES RED _____ JOB NO. 080200 SURVEY OF R.T.D. Prelim
DATE _____ SURVEY BY [illegible] DATE 11-69
NOTES CHKD. _____ NOTES BY _____
DATE _____ INDEXED G.J. GALLI DATE _____

F.B. 3804 Pg. 83

768420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 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. 080000 SURVEY OF R.T.D. Relocation
SURVEY BY Hughes DATE 1-62
NOTES BY J. GALLI DATE
INDEXED DATE
NOTES RED. DATE
NOTES CHKD. DATE
F.B. 3804 Pg. 84

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	359.446 ✓					
+	5.422		5.486			
π	364.868	+3.000 ✓	2.999 ✓			
−	2.422		2.487			
	362.446 ✓					
+	6.728		6.644			
π	369.174	+3.308 ✓	3.306 ✓			
−	3.420		3.338			
BM E-18	365.754 ✓				365.763	BM E-18 Elev. 365.763 FB3804-84 S.P. R/W. - N'ly Side @ Indiana Ave. Prod. A Fd. Nail in W'ly Face of Curb 21.5 N'ly of N. Rail
+	2.429		2.480			
π	368.183	-3.952 ✓	3.950 ✓			
−	6.381		6.430			
BM E-19	361.802 ✓				361.810	BM E-19 Elev. 361.810 FB3804-84 Inter. Indiana Ave & Fowler St. S'ly Side A Fd. Rd Nd Nail in head in Conc Curb on Curb Return - Approx 30' W'ly of C.R. @ F'ly Ings.
+	9.368		9.380			
π	371.170	+6.481 ✓	6.482 ✓			
−	2.887		2.898			
	368.283 ✓					

76S420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED _____ JOB NO. 0800.00 SURVEY OF R.T.D. PRELIM
DATE _____ SURVEY BY HH
NOTES CHK'D _____ NOTES BY _____ DATE 11-69
DATE _____ INDEXED C.J. GALLI DATE _____

F. B. 3804 PG. 85

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	368.283					
+	5.522		5.508			
Π	373.805	+2.772	2.776 ✓			
−	2.750		2.732			
	371.055 ✓					
+	6.193		6.228			
Π	377.248	+3.119 ✓	3.120 ✓			
−	3.074		3.108			
	374.174 ✓					
+	6.181		6.208			
Π	380.355	+2.831 ✓	2.833 ✓			
−	3.350		3.375			
	377.005 ✓					
+	6.000		6.070			
Π	383.005	+2.827 ✓	2.825 ✓			
−	3.173		3.245			
	379.832 ✓					
+	5.933		5.973			
Π	385.765	+2.813 ✓	2.813 ✓			
−	3.120		3.160			
	382.645 ✓					

765420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 28200 SURVEY OF RTD Rail
SURVEY BY [illegible] DATE [illegible]
NOTES BY [illegible] DATE 1/7/99
INDEXED C. J. GALLI DATE
NOTES RED
DATE
NOTES CHKD.
DATE

F. B3804 Pg. 86

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	382.645 ✓					
+	6.010		6028			
Π	388.655	+3.320 ✓	3.321 ✓			
−	2.690		2707			
	385.965 ✓					
+	7.550		7600			
Π	393.515	+5.180 ✓	5.180 ✓			
−	2.370		2420			
BM E-20	391.145 ✓				391.143	BM E-20 Elev 391.143 FB3804-86 S.P. R/W @ OVERCROSSING A Set Sm Bt. Spk in head in top Sewer MH - 9.5' S/O N. R/W @ 156'±W'ly of OVERCROSSING.
+	7.440		7495			
Π	398.585	+ 1.450 ✓	1.448 ✓			
−	5.990		6047			
BM E-21	392.595 ✓				392.592	BM E-21 Elev. 392.592 FB3804-86 S.P. R/W @ OVERCROSSING A Set Sm Bt Spk in head in N'ly Side 42" Conc Pier 30' S'ly of South Rail
+	3.870		3720			
Π	396.465	+ 0.170 ✓	0.170 ✓			
−	3.700		3750			
	392.765 ✓					

769420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	392.765					
+	5395		5140			
Π	398.160	+1.885	1.885			
−	3510		3555			
	394.650					
+	5357		5331			
Π	400.007	+1.194	1.191			
−	4.163		4140			
	395.844					
+	6.433		6401			
Π	402.277	+4.818	4.813			
−	1.615		1583			
BM E-22	400.662				400.654	BM E-22 Elev 400.654 FB 3804-87 S.P. R/W S/W side @ Fr fence 1" IP Conc Plug in Co Light Base 1 m ± X P.L. 5 - 5 = 320' ± W/O of 4th Ave & Harbor St. SEE Pg 21
+	1.543		1.589			
Π	402.205	-2.538	2.539			
−	4.081		4128			
	398.124					
+	5047		5020			
Π	403.171	+1.095	1.094			
−	3.952		3933			
	399.219					

NOTES RED _____ JOB NO. 0800000 SURVEY OF RTD PRELIM
DATE _____ SURVEY BY _____ DATE 11-89
NOTES CHKD. _____ NOTES BY _____
DATE _____ INDEXED G. J. GALLI DATE _____

F. B. 3804 Pg. 87

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 080400 SURVEY OF BTD Project
SURVEY BY [illegible]
NOTES BY [illegible] DATE 11-19
INDEXED C. J. GALLI DATE
NOTES RED DATE
NOTES CHKD DATE
F. B. 3304 PG. 32

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	399.219 ✓					
+	5.207		5.215			
Π	404.426	+ 1.161 ✓	1.160 ✓			
−	4.046		4.055			
	400.380 ✓					
+	5.424		5.473			
Π	405.804	+ 1.126 ✓	1.125 ✓			
−	4.298		4.348			
	401.506 ✓					
+	5.710		5.768			
Π	407.216	+ 2.110 ✓	2.114 ✓			
−	3.600		3.654			
BM E-23	403.616 ✓				403.602	BM E-23 Elev. 403.602 FB3304-88 Bonnie Beach Place @ S.P. R/W Set Sm Bt Spk in Lead in Sly Edge of Gr Conc Elec Vault + Flush with ground Wly side Bonnie Beach 100' th/o RP.
+	6.102		6.135			
Π	409.718	+ 0.810 ✓	0.811 ✓			
−	5.292		5.324			
BM E-24	404.426 ✓				404.411	BM E-24 Elev. 404.411 FB3304-88 Inter. Bonnie Beach Place & Vanne Side St. SEly Cor. Set in TK in curb @ Cb Gr.

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-24	404.476				404.411	BME-24 SEE Pg. 88
+	3.361		3.435			
Π	407.787	+ 2.440	2.439			
−	5.301		5.674			
	401.986					
+	5.490		5.571			
Π	407.476	+ 0.920	0.915			
−	4.570		4.656			
	402.906					
+	5.262		5.360			
Π	408.163	+ 1.087	1.034			
−	4.175		4.276			
	403.993					
+	5.640		5.798			
Π	409.633	+ 1.370	1.370			
−	4.270		4.428			
	405.363					
+	5.750		5.894			
Π	411.113	+ 1.689	1.688			
−	4.061		4.206			
	407.052					

NOTES RED. JOB NO. 0809.00 SURVEY OF RTD PRELIM
DATE SURVEY BY 11/5/68
NOTES CHKD. NOTES BY DATE 11-69
DATE INDEXED C. J. GALLI DATE

F. B. 3604 Pg. 89

768420 S & E-353 4-54

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725 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. D80900 SURVEY OF RTD Rel 1M
SURVEY BY 11/28/89 DATE 1969
NOTES BY G. J. GALLI DATE
INDEXED DATE
NOTES RED DATE
NOTES CHKD. DATE

F.B. 3804 Pg. 90

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	407.052 ✓					
+	5.764		5.845			
π	412.816	+1.088 ✓	1.093 ✓			
−	4.676		4.752			
BM E-25	406.140 ✓				408.117	BM E-25 Elev. 408.117 FB 3804-90 SP R/W @ Prop. Miller St. Off North Top Grt Conc Ped. undercrossing - 65' ± N/y North Rail
+	6.008		6.150			
π	414.148	+1.637 ✓	1.635 ✓			
−	4.371		4.515			
	409.777 ✓					
+	5.810		5.746			
π	415.587	+2.005 ✓	2.006 ✓			
−	3.805		3.742			
BM E-26	411.782 ✓				411.757	BM E-26 Elev. 411.757 FB 3804-90 S.P. R/W N/y Side @ Pk Set in Bts/K in P.P. # 103253-E
+	5.876		5.960			
π	417.658	+5.016 ✓	5.019 ✓			
−	0.860		0.941			
BM E-27	416.798 ✓				416.772	BM E-27 Elev. 416.772 FB 3804-90 S.P. R/W N/y Side @ Pk Set in Bts/K in P.P. # 103253 OE

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-27	416.798				416.772	BM E-27 SEE Pg. 90
+	5239		5300			
Π	422.037	- 1.787	1.782			
−	7026		7091			
	415.011					
+	5.710		5830			
Π	420.721	+ 1.225	1.225			
−	4.485		4605			
	416.236					
+	9.850		9.727			
Π	426.086	+9.058	9.057			
−	0.792		0.670			
	425.294					
+	10.662		10.530			
Π	435.956	+9.905	9.903			
−	0.757		0.627			
	435.199					
+	11.811		11.744			
Π	447.010	+10.681	10.686			
−	1.130		1.060			
BM E-28	445.880				445.848	BM E-28 Elev. 445.848 [illegible] Brass Disk [illegible] Rd. [illegible] Rd. [illegible] Bridge

NOTES RED _____ JOB NO. 080480 SURVEY OF RTD
DATE _____ SURVEY BY [illegible]
NOTES CHKD. _____ NOTES BY G.J. Gatti DATE 11-29
DATE _____ INDEXED _____ DATE _____

F. BOOK Pg. 91

765420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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. 0500200 SURVEY OF RTD Rail
SURVEY BY [illegible]
NOTES BY [illegible] DATE 11-69
INDEXED C. J. GALLI DATE
NOTES RED DATE
NOTES CHKD. DATE

F.B. 3824 Pg. 92

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-28	445.880 ✓				445.848	BM E-28 See Pg. 91
+	5.255		5.300			
π	451.135	-0.035 ✓	0.086 ✓			
−	5.335		5.380			
	445.800 ✓					
+	5.122		5.150			
π	450.922	-0.223 ✓	0.821 ✓			
−	5.945		5.971			
	444.977 ✓					
+	4.142		4.244			
π	449.119	-1.253 ✓	1.251 ✓			
−	5.395		5.495			
Fd. BM 61-4	443.724 ✓				443.688	BM 61-4 Elev. 443.688 ✓ FB 2863-11 1965 Adj ✓ Eastern Ave. & Rodgers St. ¢ Inter A LA. Co Rd. Dept Disk in MH dia. 3" = LACoRdDept BY 6765
+	5.905		5.950			
π	449.629	-1.754 ✓	1.755 ✓			
−	4.151		4.195			
	445.478 ✓					
+	5.800		5.954			
π	451.278	+0.641 ✓	0.644 ✓			
−	5.159		5.310			
	446.119 ✓					

765420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	446.119					
+	4.885		4.953			
Π	451.004	-6.525	6.530			
−	11.410		11.483			
	439.594					
+	0.670		0.765			
Π	440.264	-8.915	8.915			
−	9.585		9.680			
	430.679					
+	0.570		0.726			
Π	431.549	-6.240	6.239			
−	7.110		6.965			
	424.439					
+	5.358		5.582			
Π	429.797	-5.162	5.163			
−	10.520		10.745			
	419.277					
+	1.670		1.744			
Π	420.947	-1.024	1.019			
−	2.694		2.763			
						89.0' Ely of Eastern & 24.25' Sly of South Rail
BM E29	418.253				418.209	BME-29 ELEV 418.209 FB 3304-93 S.P. RTW @ EASTERN AVE - A SMALL SPUNK HEAD IN FACE CONCRETE WALL @ ELEV BY

NOTES RED _____ JOB NO. 680200 SURVEY OF HTTD PROJECT
DATE _____ SURVEY BY _____ DATE _____
NOTES CHKD. _____ NOTES BY _____ DATE _____
DATE _____ INDEXED G. J. GALLI DATE _____

F. B. 3804 Pg. 93

768420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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.

66± Nly
257 Wly

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-29	418253 ✓				418.209	BM E-29 SEE Pg. 93
+	2.305		2372			
π	420.558	-3.756 ✓	3.754 ✓			
−	6.061		6.126			
	414.497 ✓					
+	3.810		3.881			
π	418.307	-2.300 ✓	2.300 ✓			
−	6.110		6.181			
	412.197 ✓					
+	4.030		4.159			
π	416.227	-2.115 ✓	2.117 ✓			
−	6.145		6.276			
	410.082 ✓					
+	3.986		4.168			
π	414.068	-2.229 ✓	2.225 ✓			
−	6.215		6.393			
	407.853 ✓					
+	2.582		2.741			
π	410.435	-7.813 ✓	7.809 ✓			
−	10.395		10.550			
BM E-30	400.040 ✓				399.990	BM E-30 ELEV. 399.990 FB 384-94 SP RW @ Nly Edge A Set HAGO Engr Tag in top Conc CB. 66'± N/o North Rail @ 257'± Wly of W end Nly Parapet Fry Ramp Bridge

JOB NO. 050200 SURVEY OF KTD Reflex
SURVEY BY [illegible]
NOTES BY [illegible] DATE 11-67
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 3304 PG. 94

769420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-30	400.040				399.990	BM E-30 See Pg. 94
+	9.630		9.881			
Π	409.670	+ 2.920	2.921			
−	6.710		6.960			
BM E-31	402.960				402.909	BM E-31 Elev. 402.909 [illegible] SP. RIW @ on-off Ramp to San Bernardino Fry. @ State College A set Sm. B.S. & K in Fdc in top @ Wly End Nly Parapet of F.R.R. over crossing bridge
+	4.009		4.040			
Π	406.969	− 1.711	1.710			
−	5.720		5.750			
	401.249					
+	3.293		3.237			
Π	404.542	− 2.640	2.638			
−	5.933		5.675			
	398.609					
+	3.561		3.570			
Π	402.170	− 1.170	1.170			
−	4.731		4.740			
	397.439					
+	2.683		2.723			
Π	400.122	− 2.537	2.537			
−	5.220		5.260			
	394.902					

NOTES RED. ____ JOB NO. 680900 SURVEY OF RTD PRELIM
DATE ____ SURVEY BY ____ DATE 8-8-68 8-9-68
NOTES CHKD. ____ NOTES BY ____ DATE 1-69
DATE ____ INDEXED C. J. GALLI DATE ____

F. B. 2604 PG. 95

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 080000 SURVEY OF RTD FREEWAY
SURVEY BY HIRSCHFELD DATE 11-54
NOTES BY DATE
INDEXED C. J. GALLI DATE
NOTES RED DATE
NOTES CHKD. DATE

F. B3804 PG. 96

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	394.902 ✓					
+	3.691		3.710			
Π	398.593	- 1.986 ✓	1.986			
−	5.677		5.697			
	392.916 ✓					
+	3.663		3.721			
Π	396.579	- 2.409 ✓	2.409 ✓			
−	6.072		6.130			
BM E-32	390.507 ✓				390.448	BM E-32 Elev. 390.448 TB3804-96 S.P. R/W, N'ly Side, @ Long Beach Fwy. curb face, 1.19 A Set Sm Bt, Spk in head line W'ly End Conc Parapet
+	3.840		3.873			
Π	394.347	- 2.033 ✓	2.033 ✓			
−	5.873		5.906			
BM E-33	388.474 ✓				388.414	BM E-33 Elev. 388.414 TB3804-96 S.P. R/W, S'ly Side, A Fd. Spk in Conc. Parapet @ Adj. line of N'ly side of Ramp Bridge of Long Beach Fwy Concrete [illegible] Permanent [illegible]
+	6.078	-	6.067			
Π	394.552	@ 0.100 ✓	0.098 ✓			
−	6.176		6.165			
	388.374 ✓					

765420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	388.374					
+	2.600		2.702			
π	390.974	-2.695	2.096			
−	4.695		4.798			
	386.279					
+	2.751		2.787			
π	389.030	-1.924	1.920			
−	4.675		4.707			
	384.355					
+	2.465		2.490			
π	386.820	-2.893	2.894			
−	5.358		5.384			
	381.462					
+	3.302		3.350			
π	384.764	-1.340	1.342			
−	4.642		4.692			
BM-E34	380.122				380.056	BM E-34 ELEV. 380.056 [illegible] SP. R/W-N'ly side @ Westbound SAN BERNARDINO FWY. [illegible] A.Fd LA Co Engr tag in Conc. [illegible]

NOTES RED_____ JOB NO. 080.00 SURVEY OF RTD PREWD
DATE_____ SURVEY BY_____
NOTES CHKD_____ NOTES BY_____ DATE 11-[illegible]
DATE_____ INDEXED C.J. GALLI DATE_____

F.B. Pg. 97

768420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-34	380.122 ✓				380.056	BM E-34 SEE Pg. 97
+	4.699		4.706			
π	384.821	−0.581 ✓	0.584 ✓			
−	5.260		5.290			
BM E-35	379.541 ✓				379.474	BM E-35 Elev. 379.474 M.B. 3304-98 S.P. & W. N/y side of W. Westbound Sky Blvd. and N/y side of overcrossing [illegible] + M.B. [illegible] in conc. P.P. [illegible] E/y end
+	4.150		4.183			
π	383.691	+0.030 ✓	0.033 ✓			
−	4.070		4.100			
	379.621 ✓					
+	4.630		4.586			
π	384.251	+0.467 ✓	0.470 ✓			
−	4.163		4.118			
	380.088 ✓					
+	5.296		5.347			
π	385.384	+2.559 ✓	2.559 ✓			
−	2.737		2.788			
	382.647 ✓					
+	6.088		6.129			
π	388.735	+3.414 ✓	3.414 ✓			
−	2.674		2.708			
	386.061 ✓					

JOB NO. 220100 SURVEY OF RTD Eastline
SURVEY BY [illegible]
NOTES BY [illegible] DATE 11-69
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F. B. 3304 PG. 98

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	386.061 ✓					
+	5.702		5732			
Π	391.763	+2.512 ✓	2509 ✓			
−	3.190		3223			
	388.573 ✓					
+	7307		7343			
Π	395.880	−0.178 ✓	0.177 ✓			
−	7485		7520			
Fd. BM 61-6	388.395 ✓				388.321	BM 61-6 Elev 388.321 FB 2863-13 1965 Adj. Remove Blvd. SE'ly side E, 0.15 S'ly of Harvey Ave., 34' SE of Romona Blvd. = 1.0 BR Curb in HH Afd. HA 6 Emgr. Bronze Brass Cap
+	7263		7295			
Π	395.658	+3.003 ✓	3005 ✓			
−	4.260		4290			
BM E-36	391.398 ✓				391.323	BM E-36 Elev. 391.323 FB 3804-99 SP, R W N'ly side E @ Harvard Blvd. [illegible] 17.5' ± N/o [illegible]

NOTES RED. _____ JOB NO. 080200 SURVEY OF RTD PRE-EM
DATE _____ SURVEY BY _____ DATE _____
NOTES CHKD. _____ NOTES BY _____ DATE _____
DATE _____ INDEXED C.J. GALLI DATE _____

F.B. 3804 PG. 99

765420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO 0602.02 SURVEY OF RTD PRELIM.
SURVEY BY HHS DATE 11-69
NOTES BY HHS DATE
INDEXED G. J. GALLI DATE
NOTES RED DATE
NOTES CHKD DATE

F.B. 3804 Pg. 100

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-36	391.398 ✓				391.323	BM E-36 SEE Pg. 99
+	7.287		7.330			
Π	398.685	+6.165 ✓	6.170			
−	1.122		1.160			
BM E37	397.563 ✓				397.488	BM E-37 Elev. 397.488 FB 3804-100 SP. P/W, N side, A set Sm Pt Spk in head in top W'ly End Conc Retaining wall @ S'ly End Wed bound Frwy, 205' ± E/o BM E-36
+	3.110		3.140			
Π	400.673	−0.442 ✓	0.443 ✓			
−	3.552		3.583			
	397.121 ✓					
+	6.775		6.209			
Π	403.896	+3.125 ✓	3.124 ✓			
−	3.650		3.665			
	400.246 ✓					
+	6.600		6.623			
Π	406.846	+2.974 ✓	2.971 ✓			
−	3.626		3.652			
	403.220 ✓					

76S420 S & E-353 4-54

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	403.220 ✓					
+	6.625		6667			
Π	409.845	+3.175 ✓	3.177 ✓			
−	3.450		3490			
	406.395 ✓					
+	5.647		5660			
Π	412.042	+ 1.631 ✓	1.629 ✓			
−	4.016		4031			
BME-38	408.026 ✓				407.947	BM E-38 Elev 407.947 FB 3804 101 SP. R/W, N/y SIDE. A SET SM. BT SPK IN LEAD IN top S W/y Gr CONC C.B. - 2.40' ± ELV OF ELV CONC, RETAINING WALL SOUTHERLY WEST bound Fry, 10.5' N/O North Rd
+	6.280		6.311			
Π	414.306	+3.333 ✓	3.331 ✓			
−	2.947		2980			
	411.359 ✓					
+	6.241		6.209		6241	
Π	417.600	+2.843 ✓	2.841 ✓		2843	
−	3.398		3368		3398	
	414.202 ✓					
+	6.052		6.079			
Π	420.254	+3.012 ✓	3.011 ✓			
−	3.040		3068			
	417.214 ✓					

NOTES RED. JOB NO. 08690 SURVEY OF RTD Rel'm.
DATE SURVEY BY. [illegible]
NOTES CHKD. NOTES BY. DATE
DATE INDEXED C. J. GALLI DATE

F.B. 3804 Pg. 101

768420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
728 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. 080.00 SURVEY OF RTD Rec LM
SURVEY BY Hyrcas DATE 11-69
NOTES BY C. J. GILL DATE
INDEXED DATE
NOTES RED DATE
NOTES CHKD DATE
F. B. 3804 PG. 102

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	417.214 ✓					
+	5922		5890			
π	423.136	+2.893 ✓	2.891 ✓			
−	3.029		2999			
	420.107 ✓					
+	5.802		5.788			
π	425.909	+2.795 ✓	2.798			
−	3.007		2990			
	422.902 ✓					
+	5.319		5350			
π	428.221	+1.629 ✓	1.626 ✓			
−	3690		3724			
BM E-39	424.531 ✓				424.449	BM E-39 Elev. 424.449 FB3804-102 S.P. R/W, N/ly side @ Fremont St. OVERCROSSING - A Fd. LACo, Engr Tag in Top Conc Parapet @ w/ly End! 6.0' N/o N/ly Rail (Rail Road),
+	4.209		4.240			
π	428.740	+0.721 ✓	0.720 ✓			
−	3488		3520			
BM E-40	425.252 ✓				425.169	BM E-40 Elev. 425.169 FB3804-102 S.P. R/W N/ly side @ Fremont St OVERCROSSING - A Fd Rd Nd Nail in Top Conc Parapet @ w/ly End 12.0 N/o N/ly Rail (Freeway)

76S420 S & E-353 9-55

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

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-40	425.252 ✓				425.169	BM E-40 SEE Pg. 102
+	5.096		5.124			
π	430.348	+2.329 ✓	2.334 ✓			
−	2.767		2.793			
	427.581 ✓					
+	6.410		6.440			
π	433.991	+3.190 ✓	3.188 ✓			
−	3.220		3.252			
	430.771 ✓					
+	6.530		6.540			
π	437.301	+2.837 ✓	2.835 ✓			
−	3.693		3.705			
	433.608 ✓					
+	6.323		6.358			
π	439.931	+1.120 ✓	1.125 ✓			
−	5.203		5.233			
BM E41	434.728 ✓				434.642	BM E41 ELEV. 434.642 IB3804-103 SP. R/W N/Y SIDE @ Hellman Ave. AFG. 4" Brass Mon. dn 12" 65' N/o N/y Rd (Approx ± of Hellman Ave. & Co. Mon. Mkr. Alhambra #-4 SEE Pg 37
+	6.957		6.899			
π	441.655	+2.280 ✓	2.279 ✓			
−	4.677		4.620			
	437.008 ✓					

NOTES RED ____ JOB NO. 080900 SURVEY OF RTD Rel'm
DATE ____ SURVEY BY Williams AFG
NOTES CHKD. ____ NOTES BY ____ DATE 11-60
DATE ____ INDEXED C. J. GALLI DATE ____

F. B. 3804 PG. 103

768420 S & E-353 9-55

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

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Do not extend notes this side of this line

NOTES RED. ____ DATE ____ NOTES CHKD. ____ DATE ____

JOB NO. 0809.00 SURVEY OF RTD Pre (M)
SURVEY BY HH Jones
NOTES BY HHS DATE 11-69
INDEXED G. J. GALLI DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	437.008 ✓					
+	5.100		5.143			
Π	442.108	- 0.115 ✓	0.117 ✓			
−	5.215		5260			
	436.893 ✓					
+	5.098		5.147			
Π	441.991	+ 0.168 ✓	0.167 ✓			
−	4930		4980			
	437.061 ✓					
+	4891		4937			
Π	441.952	+ 0.262 ✓	0.260 ✓			
−	4629		4677			
	437.323 ✓					
+	4990		5.005			
Π	442.313	0.263 ✓	0.265 ✓			
−	5253		5270			
	437.060 ✓					
+	4339		4380			
Π	441.399	- 1.683 ✓	1.682 ✓			
−	6.022		6062			
BM E-42	435.377 ✓				435.287	BM E-42 Elev. 435.287 FB 3804-104 SP. R/W, N/W side @ Palm Ave @ Access Road & Junct to R.R. siding. A sm Smi. Spk. Top W/y Fnd Conc Pavement

F. B. 3804 Pg. 104

769420 S & E-353 9-55

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

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E42	435.277 ✓				435.287	BM E42 Elev. 435.287 FB3804-105
+	6.579		6600			
Π	441.856	+0.058 ✓	0053 ✓			
−	6521		6547			
BM E43	435.435 ✓				435.345	BM E43 Elev. 435.345 FB3804-105
+	6.445		6473			
Π	441.880	+1.662 ✓	1.663 ✓			
−	4.783		4.810			
	437.097 ✓					
+	4.556		4574			
Π	441.653	−0.166 ✓	0.166 ✓			
−	4.777		4.740			
	436.921 ✓					
+	4.759		4725			
Π	441.680	−0.431 ✓	0.430 ✓			
−	5.190		5215			
	436.550 ✓					
+	4.044		4131			
Π	440.544	−1.346 ✓	1.344 ✓			
−	5.390		5475			
BM E44	435.154 ✓				435.061	BM E44 Elev. 435.061 FB3804-105

NOTES RED ____ DATE ____ NOTES CHKD ____ DATE ____ INDEXED C. J. GALLI DATE ____

JOB NO. 6600 SURVEY OF RTD Project
SURVEY BY ____ NOTES BY ____ DATE ____

F. B. 3804 Pg. 105

768420 S & E-353 9-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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. 0309DA SURVEY OF RTD Reg (12)
SURVEY BY HHS Gages
NOTES BY HHS DATE 11-69
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3804 Pg. 106

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-44	435.154 ✓				435.061	BM E-44 SEE Pg. 105
+	4.000		4042			
π	439.154	-0.845 ✓	0848 ✓			
−	4.845		4890			
	434.309 ✓					
+	3.265		3240			
π	437.574	-1.248 ✓	1248 ✓			
−	4.513		4468			
	433.061 ✓					
+	3.527		3543			
π	436.588	-1.128 ✓	1130 ✓			
−	4.655		4673			
	431.933 ✓					
+	3.579		3604			
π	435.512	-1.192 ✓	1194 ✓			
−	4.771		4798			
	430.741 ✓					
+	4.275		4246			
π	435.016	-1.256 ✓	1856 ✓			
−	6.131		6102			
BM E-45	428.885 ✓				428.789	BM E-45 Elev. 428.789 FB 3804-106
						S.P. R/W N/y Side OK Rod W/ curb
						Monument in Ave A set 1" IP Conc
						Plug & LA Co Engr Tag dm 6" -650 N/O
						N. Rail
						= POT Co π Mke Pg. 44

76S420 S & E-353 9-55

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

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BME-45	428.885 ✓				428.789	BM E-45 SEE Pg. 106
+	5977		5982			
Π	434862	+3.089	✓ 3.084	✓		
−	2888		2898			
BME46	431.974 ✓				431.877	BME-46 ELEV. 431.877 FB3804-107
						[illegible] N/Y SIDE [illegible]
						AV [illegible]
						SET [illegible] BTL [illegible] S/Y SIDE
						& GR CONC PIER - 16' N/O NORTH RAIL
+	2.080		2.076			
Π	434054	-3.283	✓ 3.280	✓		
−	5363		5387			
	428.691 ✓					
+	3960		3.994			
Π	432.651	-0.777	✓ 0.777	✓		
−	4737		4771			
	427.914 ✓					
+	4.784		4341			
Π	432.198	-0.916	✓ 0.912	✓		
−	5200		5253			
	426.992 ✓					

NOTES RED ____ JOB NO. 080100 SURVEY OF [illegible]
DATE ____ SURVEY BY ____
NOTES CHKD. ____ NOTES BY ____ DATE ____
DATE ____ INDEXED G. J. GALLI DATE ____

F. B. 3804 PG. 107

768420 S & E-353 9-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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. 09.09.04 SURVEY OF RTD Prelim
SURVEY BY [illegible] DATE 11-69
NOTES BY [illegible] DATE
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3804 PG. 108

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	426.996 ✓					
+	4.285		4.370			
π	431.283	- 1.113 ✓	1.115 ✓			
-	5.398		5.485			
	425.885 ✓					
+	4.204		4.304			
π	430.089	- 1.287 ✓	1.286 ✓			
-	5.491		5.590			
BM E47	424.598 ✓				424.498	BM E-47 Elev 424.498 FB 3804-108 S.P. R/W N/y side @ Atlantic Blvd overcrossing - Asst Eng TK 6.50 N/o Jtg N. Rail in top conc Parapet @ N/y end — P.O.T. Co. TME Pg. 45
+	4.756		4.825			
π	429.354	- 0.382 ✓	0.380 ✓			
-	5.138		5.205			
BM E-48	424.216 ✓				424.115	BM E48 Elev 424.115 FB 3804-108 S.P. R/W N/y side @ Atlantic Blvd overcrossing - Asst Eng TK 6.50 N/o N. Rail in top conc Parapet @ E/y end — P.O.T. Co. TME Pg. 45
+	4.761		4.863			
π	426.977	- 0.772 ✓	0.777 ✓			
-	5.533		5.640			
	423.444 ✓					

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	423.444 ✓					
+	4.341		4.426			
TP	427.785	-0.959 ✓	0.957 ✓			
−	5.300		5.383			
	422.485 ✓					
+	4.252		4.363			
TP	426.737	-1.037 ✓	1.082 ✓			
−	5.339		5.445			
	421.398 ✓					
+	4.340		4.395			
TP	425.738	-1.045 ✓	1.047 ✓			
−	5.335		5.442			
	420.353 ✓					
+	4.000		4.072			
TP	424.353	-1.150 ✓	1.154 ✓			
−	5.150		5.228			
	419.203 ✓					
+	4.058		4.002			
TP	423.261	-1.440 ✓	1.441 ✓			
−	5.498		5.443			
	417.763 ✓					

NOTES RED _____ JOB NO. 080200 SURVEY OF RTD Rail
DATE _____ SURVEY BY _____
NOTES CHKD. _____ NOTES BY _____ DATE _____
DATE _____ INDEXED G. J. GALLI DATE _____

F. B. 5804 PG. 109

768420 S & E-353 9-55

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

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Do not extend notes this side of this line

NOTES RED. ____ DATE ____ NOTES CHKD. ____ DATE ____

JOB NO. 080200 SURVEY OF RTD
SURVEY BY HK/JP/JMS DATE 11-69
NOTES BY ____ DATE ____
INDEXED J. GALLI DATE ____

F.B. 3804 (Pg. 110)

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	417.763 ✓					
+	3970		4120			
π	421.733	-1.846 ✓	1.850 ✓			
−	5816		5970			
BM E49	415.917 ✓				415.812	BM E49 Elev. 415.812 FB3804-110 S.P. R/W, N/y side @ Sixth St. overcrossing, N of L.A. Co. Eng. Tag 6.50 N/o Mark in top Conc. Parapet @ W/y End = POT Co. π Line Pg. 46
+	3961		3999			
π	419.678	-0.237 ✓	0.234 ✓			
−	4.198		4233			
BM E-50	415.680 ✓				415.574	BM E-50 Elev. 415.574 FB3804-110 S.P. R/W, N/y side @ Sixth St. overcrossing, N of L.A. Co. Eng. Tag 6.50 N/o Mark in top Conc. Parapet @ E/y End = POT Co. π Line Pg. 46
+	4.201		4.244			
π	419.881	+1.099 ✓	1.101 ✓			
−	5300		5345			
	414.581 ✓					
+	3968		4.003			
π	418.549	-1.333 ✓	1.330 ✓			
−	5301		5333			
	413.248 ✓					

769420 S & E-353 9-55

PLEASE RETURN TO
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700 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

NOTES RED ____ JOB NO. 5809.00 SURVEY OF RTD
DATE ____ SURVEY BY HHS 8-6-75
NOTES CHKD. ____ NOTES BY HHS DATE 1969
DATE ____ INDEXED C.J. CALLI DATE ____

F.B. 3804 Pg. 111

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	413.248 ✓					
+	4.058		4118			
π	417.306	-1.362 ✓	1.361 ✓			
-	5420		5479			
	411.886 ✓					
+	3934		3963			
π	415.820	-1.164 ✓	1.167 ✓			
-	5098		5130			
	410.722 ✓					
+	3820		3.866			
π	414.542	-1.372 ✓	1.372 ✓			
-	5.192		5238			
	409.350 ✓					
+	4002		4020			
π	413.352	-1.210 ✓	1.211 ✓			
-	5212		5231			
	408.140 ✓					
+	4.538		4570			
π	412.678	-1.539 ✓	1.543 ✓			
-	6077		6113			
BM E-51	406.601 ✓				406.491	BM E-51 Elev. 406.491 TB 3804-111 SP. R/W, N'ly side, @ Fairfield Ave over-crossing, A set LAG Thg 6.50 N of N. Rail in top Conc Parapet @ W'ly End = H-3 Co. Thm Pg. 47

768420 S & E-353 9-55

PLEASE RETURN TO
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700 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-51	406.601 ✓				406.491	BM E-51 SEE Pg. 111
+	4.672		4.672			
π	411.273	-0.196 ✓	0.198 ✓			
−	4.868		4.890			
BM E-52	406.405 ✓				406.294	BM E-52 Elev. 406.294 FB3804-112 SP. R/W, N/y side @ Fairfield Ave. over-crossing A set 1/4 TK 6.50 N/o N. Rail in Top Conc Parapet @ E/y End of P.O.T. Co. ℄ Line Pg. 47
+	4.571		4.643			
π	410.976	-0.989 ✓	0.984 ✓			
−	5.560		5.627			
	405.416 ✓					
+	4.363		4.327			
π	409.779	-1.101 ✓	1.103 ✓			
−	5.464		5.490			
	404.315 ✓					
+	4.750		4.796			
π	409.065	-1.135 ✓	1.132 ✓			
−	5.885		5.928			
	403.180 ✓					
+	4.686		4.744			
π	407.866	-1.146 ✓	1.144 ✓			
−	5.832		5.888			
	402.034 ✓					

NOTES RED. ____ DATE ____
NOTES CHKD. ____ DATE ____

JOB NO. 060700 SURVEY OF RTD Pg. 112
SURVEY BY HH 08/19/95
NOTES BY ____ DATE 1-6-9
INDEXED C. J. GALLI DATE ____

F.B. 3804 Pg. 112

765420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	407.034 ✓					
+	4.260		4.290			
Π	406.294	- 1.200 ✓	1.200 ✓			
—	5460		5490			
	400.834 ✓					
+	4.338		4.418			
Π	405.172	-1.465 ✓	1.467 ✓			
—	5803		5885			
	399.369 ✓					
+	4.209		4.235			
Π	403.578	-1.561 ✓	1.565 ✓			
—	5770		5800			
	397.808 ✓					
+	3.760		3.787			
Π	401.568	- 0.313 ✓	0.317 ✓			
—	4.073		4.104			
BM E53	397.495 ✓				397.379	BM E-53 ELEV. 397.379 FB3804-113 S.P. R/W. N'ly side @ ALMANSOR St. A set 1/4" x 3" in top Conc Ftg @ E'ly end of Steel Pier of Street overcrossing, 15.5 ± N/O N.R.R.

NOTES RED _____ JOB NO. 0800.00 SURVEY OF R.T.D. PROJ.
DATE _____ SURVEY BY _____ F. B3804 PG. 113
NOTES CHKD. _____ NOTES BY _____ DATE 1-69
DATE _____ INDEXED C. J. GALLI DATE _____

76S420 S & E-353 9-55

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

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Do not extend notes this side of this line

NOTES RED. ____ DATE ____ NOTES CHKD. ____ DATE ____

JOB NO. 0809DD SURVEY OF RTD PRELIM
SURVEY BY HH Sprigg
NOTES BY G. J. GALLI DATE 1-69
INDEXED ____ DATE ____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-53	397.495 ✓				397.379	BM E-53 SEE Pg. 113
+	2700		2730			
Π	400195	-0.969 ✓	0.965 ✓			
−	3669		3695			
BM E-54	396.526 ✓				396.408	BM E-54 Elev. 396.408 F33804-114
						S.P. R/W, S/Y side, @ Palmacorsa St. A set Hub & Engraving in Conc Fdn @ w/y end Steel Pier of Street overcrossing 9,354' ± S/o N. Rail
+	2879		2948			
Π	399405	-3.134 ✓	3131 ✓			
−	6013		6079			
	393392 ✓					
+	3465		3497			
Π	396.857	-2.882 ✓	2.880 ✓			
−	6347		6377			
	390.510 ✓					
+	3433		3493			
Π	393.943	-2.974 ✓	2.974 ✓			
−	6407		6467			
	387.536 ✓					
+	3223		3240			
Π	390.759	-2.961 ✓	2.957 ✓			
−	6184		6197			
	384.575 ✓					

F.B. 3804 Pg. 114

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	384.575 ✓					
+	3412		3466			
Π	387.987	-3.293 ✓	3.294 ✓			
−	6705		6760			
	381.282 ✓					
+	3888		3909			
Π	385.170	-2.919 ✓	2.921 ✓			
−	6807		6830			
BM E-55	378.363 ✓				378.230	BM E-55 Elev. 378.230 FB 3804-115 SP. R/W, N/ly side @ E/ly end conc. retaining wall - E/o Alhambra St. A set 1" IP Conc Plug & LA Co Eng Tag on top dn. 6" 6.50 N/o N. Rail = P.O.T. Co. Π Line Pg. 48
+	6902		6929			
Π	385.265	+5.277 ✓	5.276 ✓			
−	1.625		1653			
BM-E56	383.640 ✓				383.505	BM E-56 Elev. 383.505 FB 3804-115 SP. R/W N/ly side @ E/ly end conc. retaining wall - E/o Alhambra St. A set LA Co Engr Tag on top [illegible] End wall, 1.54' ± N/o N. Rail
+	0.184		0209			
Π	383.824	-5.819 ✓	5.819			
−	6003		6028			
	377.821 ✓					

NOTES RED _____ JOB NO. 080200 SURVEY OF RTD Preliminary
DATE _____ SURVEY BY [illegible]
NOTES CHKD _____ NOTES BY _____ DATE 1-69
DATE _____ INDEXED C. J. GALLI DATE _____

F. B. 3804 PG. 115

76S420 S & E-353 9-55

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

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Do not extend notes this side of this line

JOB NO. 080900 SURVEY OF RTD Prelim
SURVEY BY H.L. Gibson DATE 11-69
NOTES BY C. J. GALLI DATE
INDEXED DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3804 PG. 116

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	377.821					
+	3370		3407			
Π	381.191	-3.183	3.186			
−	6.553		6593			
	374.638					
+	3427		3.470			
Π	378.065	-3.106	3.107			
−	6533		6577			
	371.532					
+	3612		3653			
Π	375.144	-2.988	2.986			
−	660.0		6639			
	368.544					
+	4648		4680			
Π	373.192	+3.238	3.237			
−	1.410		1443			
BM E-57	371.782				371.635	BM E-57 Elev 371.635 FB 3804-116
						S.P. R/W, Sly side, @ Ely End Conc
						Retaining wall E/o Alamador St.
+	0307		0358			
Π	372.089	-5.619	5.620			
−	5926		5978			
	366.163					

769420 S & E-353 9-55

PLEASE RETURN TO
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700 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	366.163 ✓					
+	3577		3625			
Π	369.740	- 3.122 ✓	3.124 ✓			
−	6699		6749			
	363.041 ✓					
+	1.955		2035			
Π	364.996	- 5.785 ✓	5.785 ✓			
−	7.740		7820			
BM E58	357.256 ✓				357.102	BM E-58 ELEV. 357.102 FB3807-117 S.P. R/W, N/y side, @ New Ave over crossing, A set HACo Engr Tag 6.50 N/o N. Rail in top conc parapet @ W/y end P.O.T. Co. Π line Pg. 49
+	4110		4163			
Π	361.366	- 1.010 ✓	1.007 ✓			
−	5120		5170			
BM E59	356.246 ✓				356.089	BM E-59 ELEV 356.089 FB3807-117 S.P. R/W, N/y side, @ New Ave over crossing, A set HACo Tag 6.50 N/o N. Rail in top conc parapet @ E/y end P.O.T. Co. Π line Pg. 49
+	3.222		3265			
Π	359.468	- 3.731 ✓	3.735 ✓			
−	6953		7.000			
	352.515 ✓					

NOTES RED. _____ JOB NO. 080200 SURVEY OF RTD PRELIM
DATE _____ SURVEY BY [illegible] F.B. 3804 PG. 117
NOTES CHKD. _____ NOTES BY [illegible] DATE 11-69
DATE _____ INDEXED C. J. GALLI DATE _____

765420 S & E-353 9-55

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

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Do not extend notes this side of this line

JOB NO. 080900 SURVEY OF RTD Rail
SURVEY BY HA JONES
NOTES BY DATE 1-69
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	352.515					
+	3.350		3.394			
Π	355.865	-3.217	3.216			
−	6567		6610			
	349.298					
+	3.215		3260			
Π	352.513	-2.995	2.995			
−	6210		6255			
	346.303					
+	2810		2846			
Π	349.113	-3.423	3.427			
−	6233		6273			
	342.880					
+	2.225		2280			
Π	345.105	-6.155	6.155			
−	8.380		8435			
BM E-60	336.725				336.556	BM E-60 ELEV. 336.556 FB 3804-118 S.P. R/W, N'ly side, @ JACKSON AVE N. & S. A SET ½" TK IN SW CR CONC C.B. 13.0' ± W/O N. RAIL
+	5248		5300			
Π	341.973	+0.485	0.481			
−	4.763		4819			
BM E-61	337.210				337.039	BM E-61 ELEV. 337.039 FB 3804-118 S.P. R/W, N'ly side, @ prod W'l ⅟ curb of JACKSON AVE, S. of, A SET 1" IP Con Plug W/ Engr. tag 0.50 N of N. RAIL, dN. 6" = P.O.T. CO TAKE Pg. 50

F. B. 3804 PG. 118

765420 S & E-353 9-55

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

NOTES RED ____ DATE ____
NOTES CHKD. ____ DATE ____
JOB NO. 08.8200 SURVEY OF RTD PRELIM
SURVEY BY ____ DATE ____
NOTES BY ____ DATE 11-68
INDEXED G. J. GALLI DATE ____

F. B. 3804 PG. 19

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E61	337.210 ✓				337.039	
+	3.607		3628			
π	340.817	-2.356	2.356 ✓	✓		
−	5963		5984			
	334.854 ✓					
+	2.998		3046			
π	337.852	-3.224 ✓	3.223 ✓			
−	6222		6269			
	331.630 ✓					
+	3.073		3104			
π	334.703	-3.332 ✓	3.336 ✓			
−	6405		6440			
	328.298 ✓					
+	3070		3000			
π	331.368	-3.198 ✓	3.198 ✓			
−	6.268		6198			
	325.100 ✓					
+	2120		2160			
π	327.220	4 8.795	4 8.795 ✓			
−	6915		6955			
FB. BM R-1	320.305 ✓				320.122	BM R-1 ELEV. 320.122 FB 3805-55 De Mar Ave & Fry. (RTD Route) 6' N/o N. Rail & 3.3 E/o West End of Bridge Afd. Sm Rd. Hd. Bolt in Conc Parapet
+	3875		3891			
π	324.180	-0.926 ✓	0.928 ✓			
−	4.801		4819			
FB. BM R-2	319.379 ✓				319.193	BM R-2 ELEV. 319.193 FB 3805-55 De Mar Ave & Fry (RTD Route) 6' N/o N. Rail & 4.4 W/o East End of Bridge Afd Sm Rd Hd Bolt in Conc Parapet

SEE FB 3805-55, Etc. For Bench Level Circuit Ely.

NOTES RED. JOB NO. 0809.00 SURVEY OF RTD Prel (1M)
DATE SURVEY BY HH Spring 1995
NOTES CHKD. NOTES BY DATE 11-69
DATE INDEXED C. J. GALLI DATE NOV 14 '69

F. B. 3804 PG. 121

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						Bench Level Circuit
						RTD
						San Gabriel Transportation Corridor
						JN 0809.00
						Additional CUT OFF LINE in
						Vicinity of Almansor Ave
					HH Spring 95	
					J. T. Falsey	
					P. L. Beasley	
					D. B. Barkett	

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

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

765420 S & E-353 9-55

765420 S & E-353 9-55

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0809 SURVEY OF RTD Rte 110
SURVEY BY Hughes DATE 11-69
NOTES BY G. J. GALLI DATE
INDEXED DATE
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM E-53	397.495 ✓				397.379	BM E53 Elev. 397.379 FB3804-113 S.P. R/W, N/y side @ Mirmansor St. A set Lg TK in top Sign of Fr. @ El. End of Steel Pier of street overcrossing, 15.5' ± N/o N. Pier.
+	4.285		4218			
Π	401.780	- 4.383 ✓	4.385 ✓			
−	8668		8603			
	393.112 ✓					
+	4460		4418			
Π	397.572	- 1.027 ✓	1.024 ✓			
−	5487		5442			
	392.085 ✓					
+	5.218		5.243			
Π	397.303	-1.633 ✓	1.637 ✓			
−	6851		6880			
	390.452 ✓					
+	5.218		5280			
Π	395.670	-0.302 ✓	0.305 ✓			
−	5520		5585			
	390.150 ✓					
+	4.385		4428			
Π	394.535	- 1.126 ✓	1.122 ✓			
−	5511		5550			
	389.024 ✓					

F. B3804 PG. 122

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	389.024					
+	4215		4192			
Π	393.239	-1.223	1.227			
−	5438		5419			
	387.801					
+	4.492		4539			
Π	392.293	-1.393	1.390			
−	5885		5929			
	386.408					
+	3.942		3.918			
Π	390.350	-2.144	2.144			
−	6.086		6062			
	384.264					
+	3937		3990			
Π	388.201	-3.146	3.145			
−	7083		7135			
Fd. BM 31-19	381.118				380.996	1965 Adj BM 31-19 ELEV 380.996 FB 1997-23 EMERSON AVE & ALHAMBRA AVE, SE COR, 31.0 S/o & EMERSON & 29.0 E/o ALHAMBRA @ STREET EDGE CONC WALK A L.A. Co BRASS CAP MON. IN H H dia. 11" = LA Co Rd Dept BY 6710

31-19

NOTES RED _____ JOB NO 080200 SURVEY OF RTD Rail
DATE _____ SURVEY BY HH Boggs
NOTES CHKD _____ NOTES BY HH DATE 1-69
DATE _____ INDEXED C. J. GALLI DATE _____

F. B. 3604 PG. 123

76F3098 CE#310 9-67

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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.

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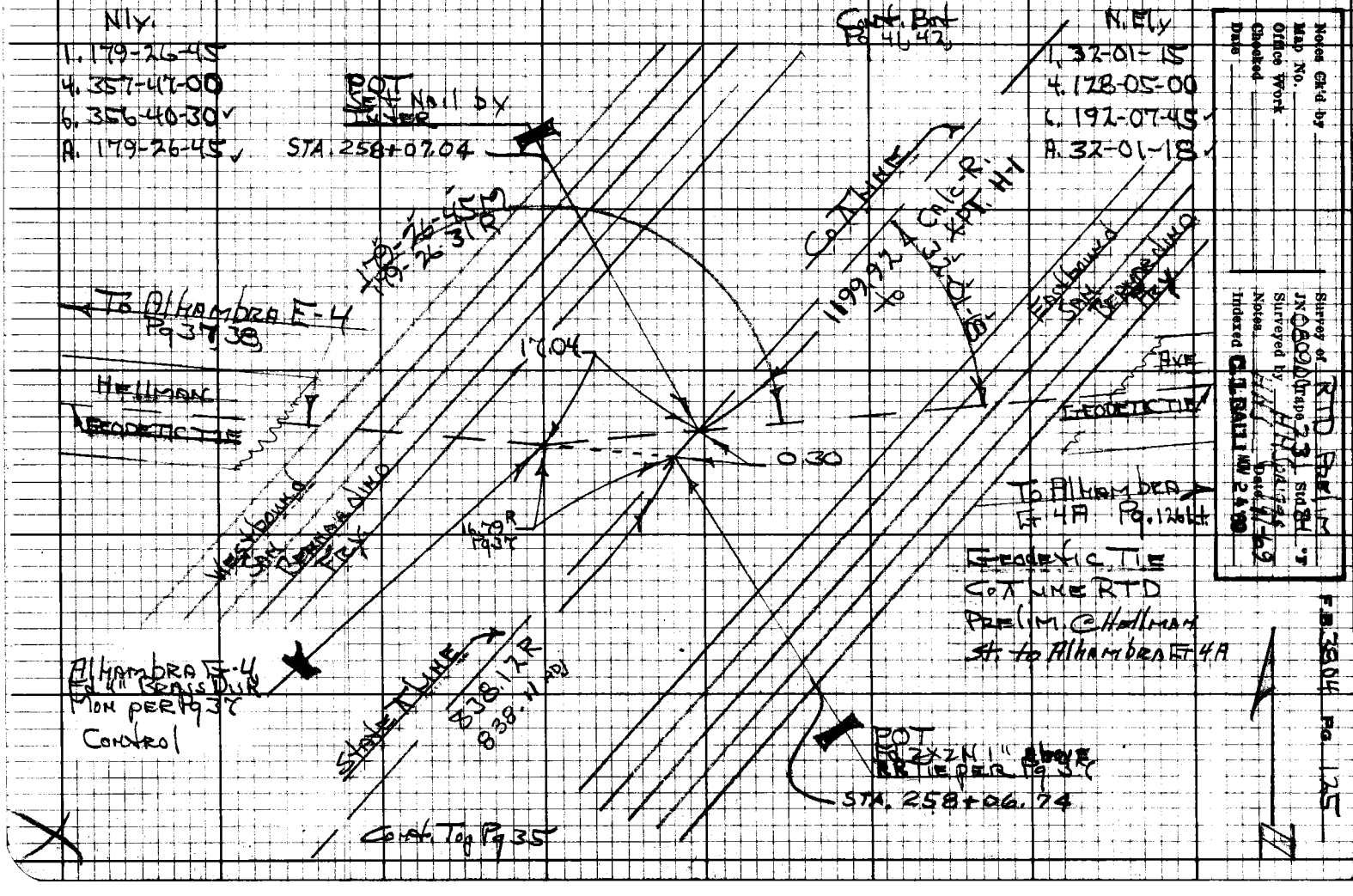

F.B. 3604 Pg 176

Cont. To Pg. 175

WS 8-D-6

FILE

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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8

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of RTD Prelim
JN 080900 Tape 231 Std 84 "F"
Surveyed by HHS Briggs
Notes HHS Date 11-68
Indexed C.T. GALLI NOV 24 '68

F.B. 380 K Pg. 127

S.E'ly
1. 82-07-30
4. 328-30-15
6. 137-45-30
8. 82-07-35

Westbound
San
Bernardino
Fwy.

Geodetic Tie
Co. Line RTD
Prelim @ Alhambra
St. to Alhambra K-40

Alhambra

Ground level (
KPT. H-4
Fd. "TP" (on C.P. Ing
Y.L. Co. Engr. Bldg
Elev. 4' per 1948)
STA. 355+64.98

Co. Line

215.93

194.05

Existing

To POT New Line
Ing. Co. Bldg.
231.14 Adj
231.12

253.00
253.02 Adj

S.P. Rails

82-07-35

Top Bridge
POT-Set Cut
+ Conc. Walk
Ely side Bridge
= Lines Ely.
STA. 355+86.86

Street

POT-Set Rail
East - Set 1x2 N

Eastbound
San
Bernardino
Fwy.

Overcrossing

Alhambra

Ground level (
194.06 Left @ 76° = 194.05

253.09 @ 1-25 @ 76° = 253.00

Top Bridge
233.34 @ 2-57 @ 76° = 231.12

POT-Set 1x2 N
STA 358+18.00

81.12 @ 8-15 @ 76° = 179.74
36.69 @ 18° = 36.69
194.01 21.593

Cont. Top Pg. 128

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

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MOS LOS ANGELES COUNTY ENGINEERING BLDG.

PRESORT CZ#310 8-87

FB 3804 Pg 128

Cont. Bot. Pg. 127

Geodetic Line

N 55°44'W

Rec. S 89°55'W

Rec. S 89°55'W

ALMANSOR ST

72545

NWly
1. 81-23-15
4. 375-33-00
6. 128-19-45
8. 81-23-18

81-23-18

HELLMAN

AVE

To Alhambra J-4
6" E/o Monterey St.
d.n. 10" in HH
per FB 559-238

Alhambra K-4A
Fd. 4" Brass Disk
Stamped "in HH" d.n. 10"
per FB 599-246
Control North West

Alhambra J-4
1938

Alhambra K-4A
1938

ALHAMBRA AVE

39.84 level @ 64° = 39.83 ✓
96.23 level @ 64° = 96.22 ✓
184.99 @ 5-42 @ 60° = 187.03 ✓
293.47 @ 3-12 @ 62° = 292.97 ✓
109.42 level @ 62° = 109.40 ✓
Total 725.45 ✓

N 5544-6

A 1-7

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403 Los Angeles County Engineering Bldg.

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pgs
129-130
missing.

26F3098 CE#310 9-67

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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.

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Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of RTD Prelim
Surveyed by
Notes
Indexed
H.E. O'Neill

FB 3874 Pg. 131

Index Map
4K0809.00
RTD Prelim
T Line - Proposed R.R. Relocation
@ Rio Hondo Channel
P.E. R/W N.Ely to S.P.

Southern Pacific

Channel

Rio Hondo

Rio Hondo

Rio

Santa Fe

Rwys

Rwys

Santa Fe

P.E.

P.E.

P.E.

F.B. 3804 Pg 132

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403 Los Angeles County Engineering Bldg.

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76F3098 CE#310 9-67

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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W.S. 44, D-6

350.01 Line @ 78° = 350.00 ✓

NW	NE
1. 145-49-30	1. 34-10-45
4. 223-18-00	4. 136-43-00
6. 154-57-00 ✓	6. 205-04-15 ✓
8. 145-49-30 ✓	8. 34-10-43 ✓

POT
Set 1½ Nail - Mark

Cont FB 3805-40, 41, 42

STA. 567+62.42
Ed 1" PC Conc Plug
Mark Co Engr
Jan 1965
POT B-7 E-W
per FB 3805-43

Cont Lower
RH Pg 134

Time Relocation
599.45
599.48 Adj

0 Bad

145-49-30

Ed Brass Cap Hole
Conc Wall Mark
BM 0540 3750
FB 3805-43

Ed Chiseled
Steel Stopper
on Line
FB 3805-43

Steel

Bridge

Abut

Wall

Conc

Steel

Bridge

Conc

Conc Channel Slope

Rio Hondo Channel

Cont FB 3805-44

FB 3804 Pg. 133

Survey of R/W Parcels
J.N. 5090 Date 7-1-
Surveyed by
Notes
Indexed
Date 7-46

Notes Chk'd by
Map No.
Office Work
Checked
Date

1960.76 Adj
1960.81 R

350.00 ✓

Cont Line

North Rail

South Rail

STA. 567+64.92
Ed 1" PC Conc
Mark Co Engr
Jan 1965
POT B-8 E-W
per FB 3805-43
POT N.E. of
Time R.P.
Relocation

19.30

19.05

F.B. 3804 Pg. 134

Slope
Wall
Conc.
Slope
Wall
Chimney
Conc.
Slope
Wall
Conc.
Slope
Wall
Conc.
Slope
Wall

76F3095 CE#310 9-67

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend this side of this line.

W.S. 4410-6

53.25

300.04 @ 2-51 @ 68° = 299.64
1007.12 Line(@ 70° = 1007.03
Total 1306.67

105.76 Line(@ 68° = 105.75

Cont. Rt. Pg. 136

STA 587+76.91
Set Lag Finger Tag

Set Cone Nail
Split of Curbs
STA 587+23.65

Set Cone Nail
Split of Curbs

Conc Walk & Curbing

100.00

50.00

VALLEY BLVD

Set Chiss +
Split of Curbs
Pkgs From Val

Set Lag Finger Tag
STA. 586+76.14

Conc Walk & Curbing

1. S.W'ly 51-16-30
2. 102-33-00
A. 51-16-30

Cont. Rt. Pg 134

Note Cpd by
Req. No.
Office Work
Checked
Date

Survey of RTD Beam
Surveyed by
Notes
Indexed

Note: [illegible]

F.B. 3804 Pg 135

F.B. 3804 Pg. 136
Bd. Pg. 137
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend 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.
Curve Slope Wall
Curve Slope Wall
Curve Slope Wall
Channel
Channel
Channel

76F3088 CE#31D 9-67

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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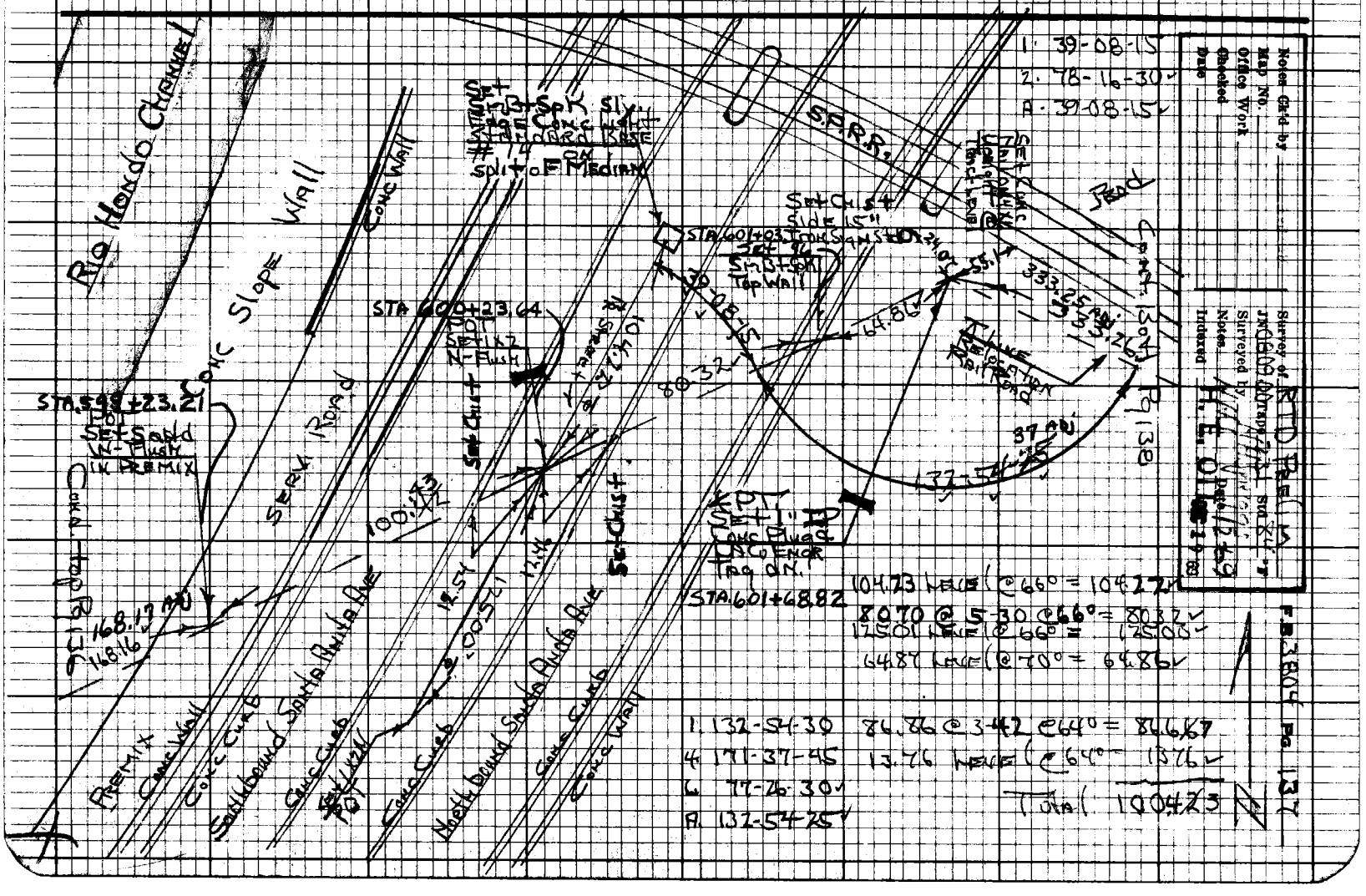

FB 3804 Pg 138
Total 333.26
TYLER
DYKE
PACIFIC
SOUTHERN
EL MONTE
1315.49 R
FB 940-133
STA 618+17.56
STA 608+35.76
STA 645+02.07
Concr. Top Pg. 137
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403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.
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76F3098 CE#310 9.67

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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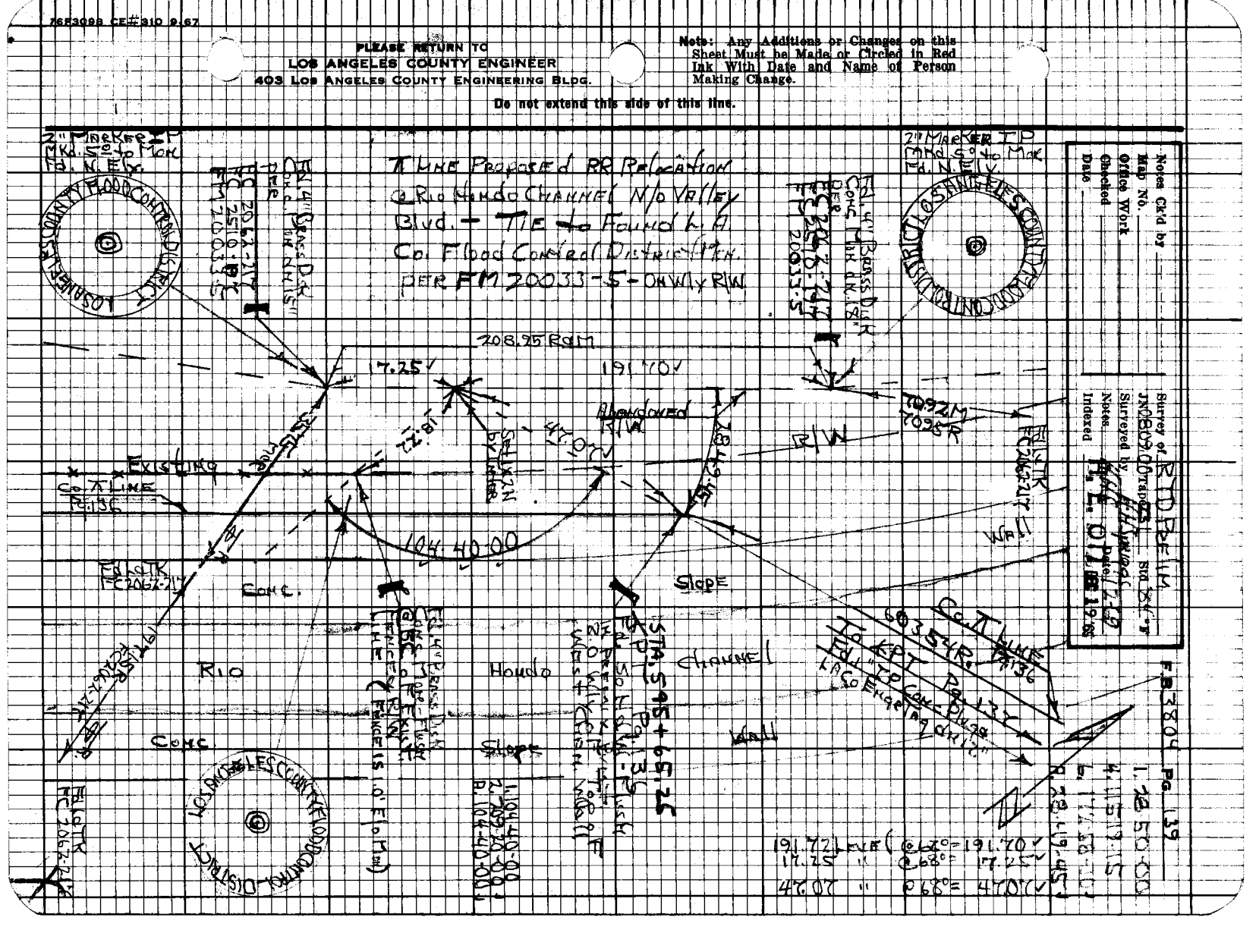

F.B. 3804 Pg. 140

1. 13-41-00
4. 59-44-00
6. 87-06-15
A. 13-41-03

STA. 573+64.40

Fd. Spike w/Tag
FB 3804-139

TOP POT 9.135
FC 3029-25
Valley Wall

Channel

Wall

Slope

Wall

Slope

Cont Line
FB 3804-139

2091 Lewis @ 58° = 20.91
1142.32 @ 6.38 = 141.35
Total 1663.27

Line Proposed D.R.R. Relocation
Crossing Channel (C.P.E. R/W)
Line Ho. Found L.A. Co. Flood
Control District + Mon. (N.T.K.)
PER FC 3029-25: ONE Chain.

Rail Road Relocation
9.133

Fd. TK = PT
FC 3029-25

Fd. TK
FC 3029-25

Fd. "PC Conc
Mag & Cap Line
Tag DRG"
PER
FB 3804-133
FB 3805-43

1. 155-59-30
4. 263+58-15
6. 215-59-15
A. 155-59-32
cv. Closed
5-19-79

Channel

Channel

Channel

Channel

Conc

Conc

Conc

Indec. ℄ Channel
Fence Corner
Set Conc Nail
in Left Bk. in Conc.
Channel Floor

Fd. TK = BC of POT
Conc Channel Floor
FC 3029-25

1. 60-57-00
4. 243-46-30
6. 05-39-30
A. 60-56-35

Fd. TK
FC 3029-25

1. 105-22-45
4. 61-30-30
6. 272-15-30
A. 105-22-35

Fd. TK
FC 3029-25

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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NOTES RED. JOB NO. 0809.00 SURVEY OF R.T.D.
DATE SURVEY BY H SPRIGGS
NOTES CHKD. NOTES BY H SPRIGGS DATE 12-8-69
DATE INDEXED H. E. OTT DATE H. E. OTT

F. B. 3804 PG. 141

DESCRIPTION

R.T.D. EXCLUSIVE EXPRESS
BUSWAY
SAN GABRIEL
TRANSPORTATION CORRIDOR
J.N. 080900
BENCH LEVELS

ADJ. ELEV.

Bench Level Circuit — County ⊼ Line @ Rio Hondo Channel, P.E. R/W. N. E'ly To S.P. Main Line

3RD RUN

PARTY
H. Spriggs
J. Falsey
P. Beasley
D. Boxeth

2ND RUN

DIFF.

1ST RUN

B.M.

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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700 LOS ANGELES COUNTY ENGINEERING BLDG.

766420 S & E-353 9-55

765420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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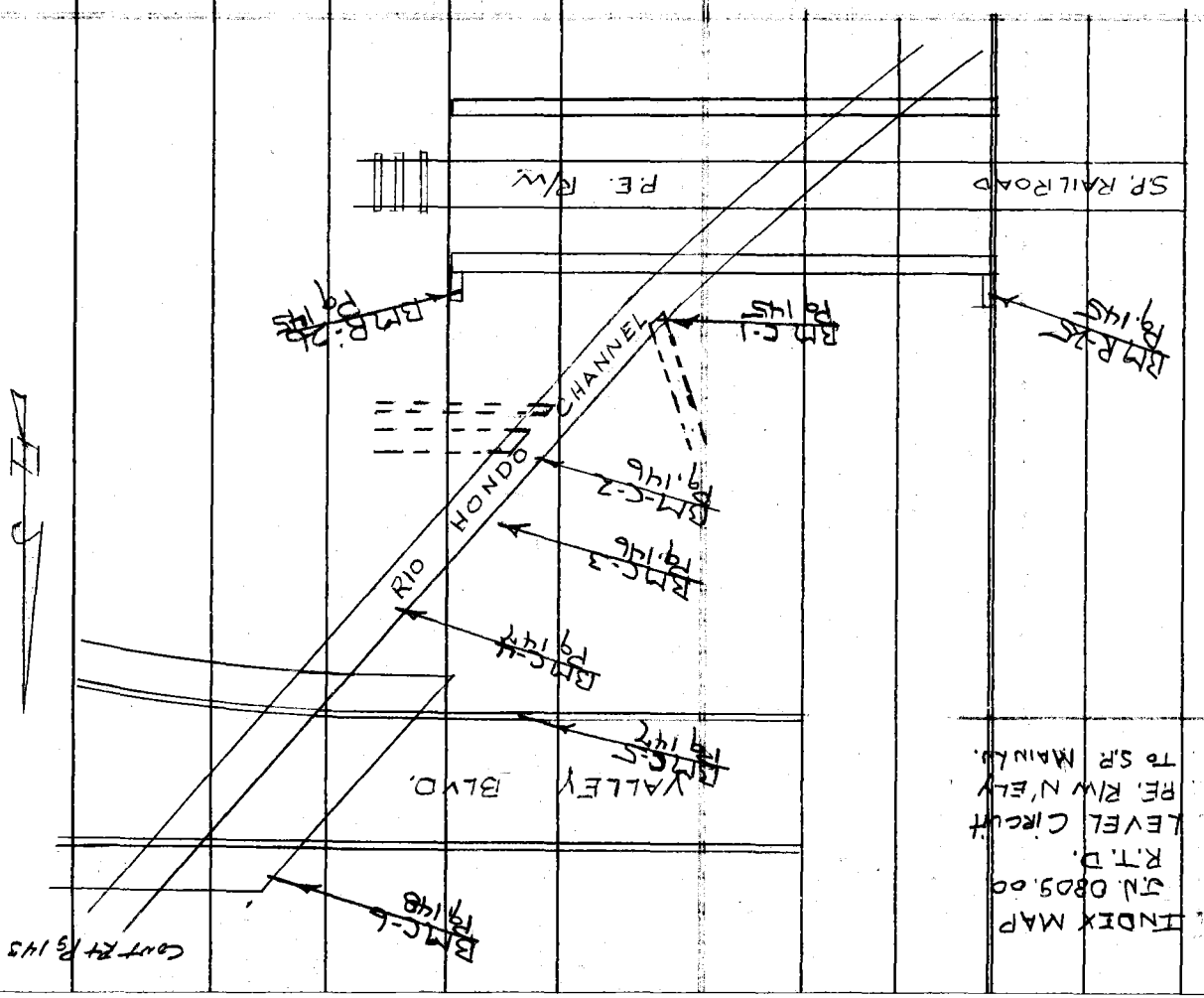
Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION



JOB NO. 0809.00 SURVEY OF R.T.D.
SURVEY BY N. SPRINGS
NOTES BY H.H.S. DATE 12-9-69
INDEXED DATE

NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3804 PG. 142

769420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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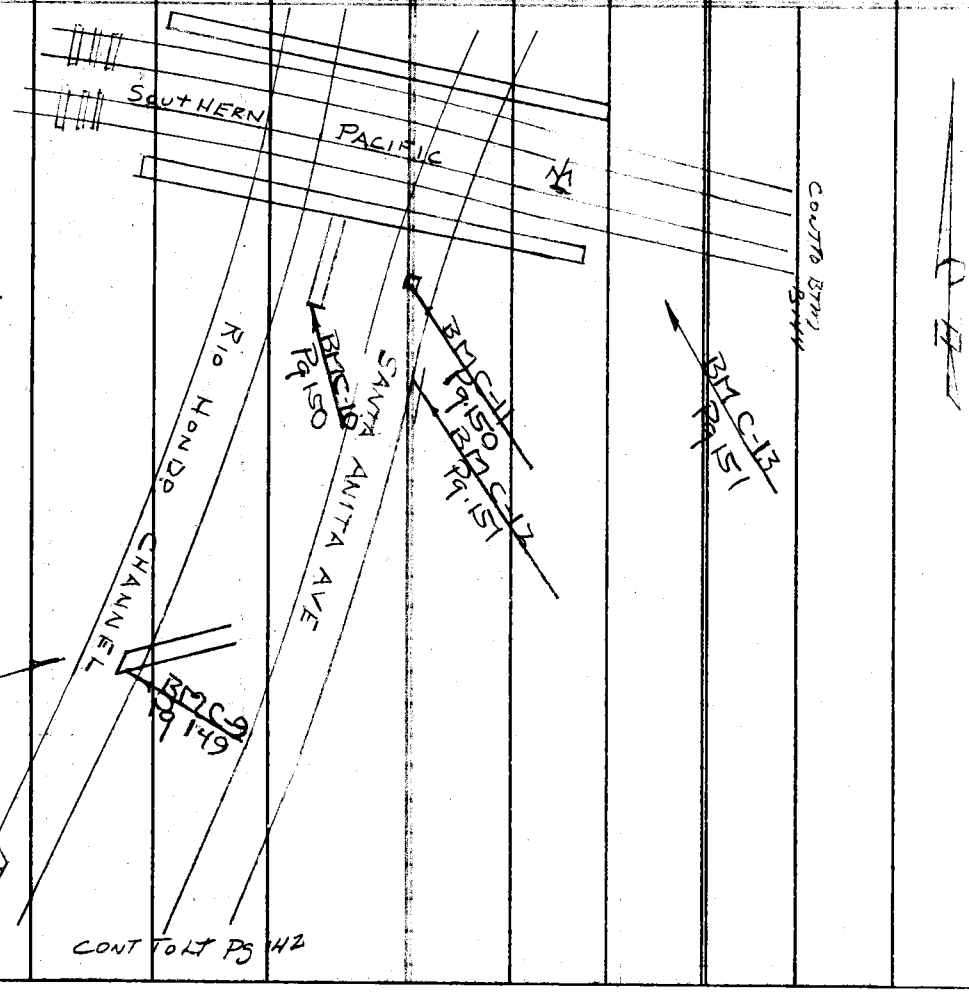
Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION



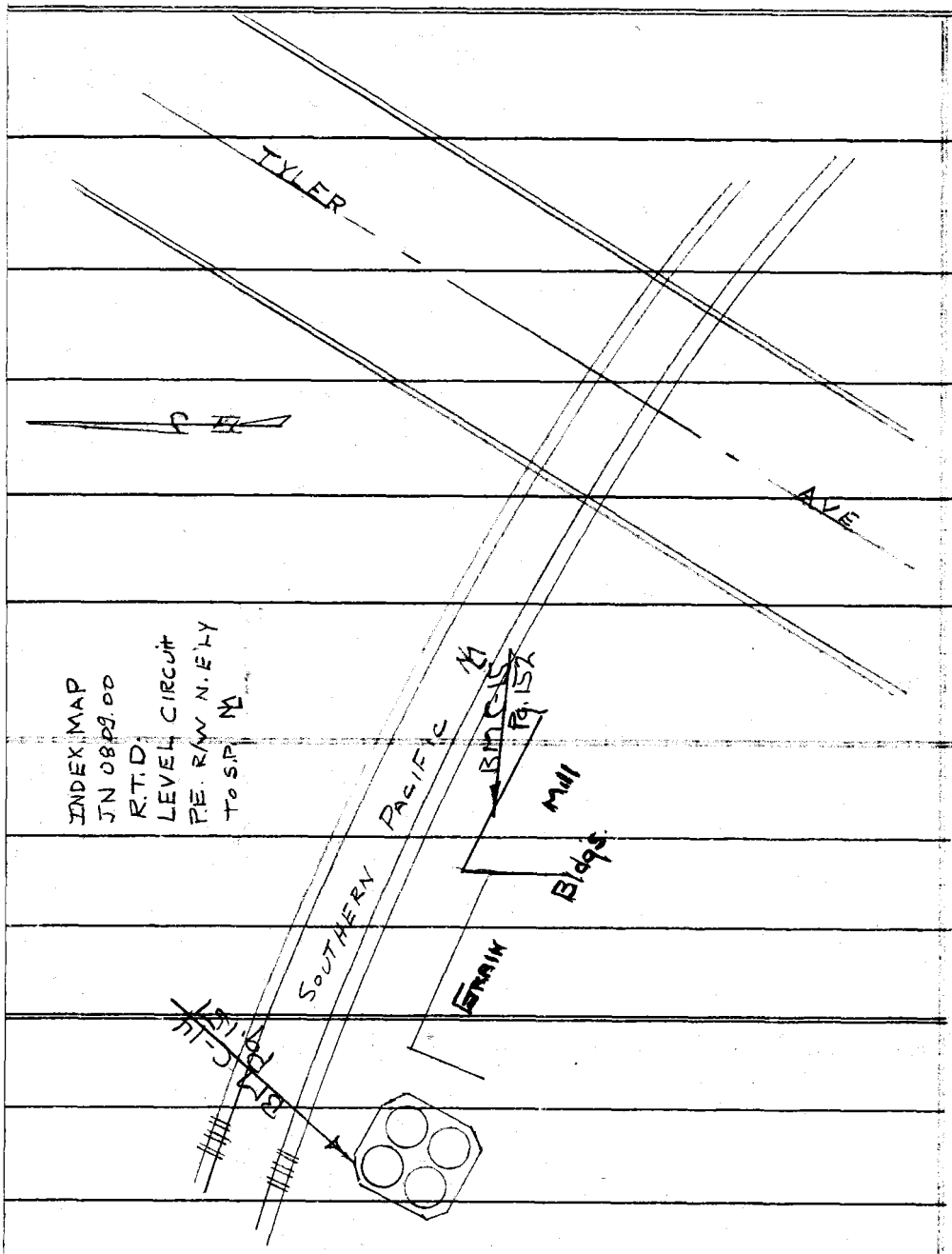
NOTES RED _____ JOB NO. 0809.00 SURVEY OF R.T.D.
DATE _____ SURVEY BY H. Spencer
NOTES CHKD. [illegible] NOTES BY _____ DATE 1-13-68
DATE _____ INDEXED H. E. Ott DATE H. E. Ott

F.B. 3804 PG. 143

F. B. 3804 PG. 144

JOB NO. 080900 SURVEY OF RTD NOTES RED.
SURVEY BY H. SPRIGGS DATE
NOTES BY N.N.S. DATE 12-9-69 NOTES CHKD.
INDEXED DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION



Do not extend notes this side of this line

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700 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.

768420 S & E-353 9-55

769420 S & E-353 9-55

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LOS ANGELES COUNTY ENGINEER
700 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM R-26	272.015 ✓				272.015	BM R-26 Elev. 272.015 ✓ FB3805-67 Rio Hondo Channel @ P.E. R/W E. End Phillips Hand Scribed in Conc. Wall, 2' N/o N. Rail
	6.501		6530			
	278.516	+1.349 ✓	1.349			
	5152		5181			
	273.364 ✓					
+	5.122		5098			
π	278.486	-0.046 ✓	0.047			
−	5.168		5145			
	273.318 ✓					
+	5.042		5.072			
π	278.360	-1.355 ✓	1.354			
−	6397		6426			
BM R-25	271.963 ✓				271.959	BM R-25 Elev. 271.959 ✓ FB3805-67 Rio Hondo Channel @ P.E. R/W Bridge W. End bridge Curb Dusk in Conc. About 7.2 N/o N. Rail Dusk is marked BM 057.0033 0
+	0.428		0327			
π	277.391	-11.572 ✓	11.573			
−	12.000		11.900			
BM C-1	260.391 ✓				260.386	BM C-1 Elev. 260.386 FB3504-145 Rio Hondo Channel - W/W Conc Slope - Approx. 285 ± N/o W End P.E. R/W Bridge Top of Dusk Cte Conc Wall of drain outlet @ Mid slope

NOTES RED _____ JOB NO. 180000 SURVEY OF RTD Prelim
DATE _____ SURVEY BY _____
NOTES CHKD. _____ NOTES BY _____ DATE 12-19
DATE _____ INDEXED _____ DATE _____ H. E. OIT

F. B. 3804 PG. 145

765420 S & E-353 9-55

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700 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. 8009.00 SURVEY OF RTD Rail
SURVEY BY [illegible] DATE Apr 1975
NOTES BY [illegible] DATE 12-69
INDEXED ____ DATE ____
NOTES RED. ____ DATE ____
NOTES CHKD. ____ DATE ____

F. B3804 PG. 146

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM C-1	260.391 ✓				260.386	BM C-1 See Pg. 146
+	10.202		10.219			
π	270.593	+6.254 ✓	6.259			
−	3.948		3.960			
	266.645 ✓					
+	5.110		5.150			
π	271.755	-0.396 ✓	0.893			
−	6.008		6.051			
BM C-2	265.747 ✓				265.740	BM-C-2 Elev. 265.740 FB3804-146 Rio Hondo Channel -W'ly Conc Slope Approx 700' ± N/o V.C. End PE R/W Bridge D.S.M. Bt Spk in Conc. Slope Wall 2' ± Elo Top (N. end Largest Conc. drain outlet is opposite on Ely Conc Slope Wall)
+	6.471		6.493			
π	272.218	+1.584 ✓	1.579			
−	4.887		4.914			
	267.331 ✓					
+	5.380		5.397			
π	272.711	+0.160 ✓	0.165			
−	5.220		5.232			
BM C-3	267.491 ✓				267.482	BM C-3 Elev 267.482 FB3804-146 Rio Hondo Channel -W'ly Side R/W Line - Bt Spk in P.P. # 1387489E

765420 S & E-353 9-55

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LOS ANGELES COUNTY ENGINEER
700 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BMC-3	267.481 ✓				267.482	BMC-3 See Pg 146
+	5.802		5.765			
±	273.283	+0.679 ✓	0.677			
−	5.123		5.088			
BMC-4	268.160 ✓				268.160	BMC-4 Elev. 268.160 FB3804-147 Rio Hondo Channel - W'ly side AFd. Lt TK, 1' ± E to Top Conc Slope Wall @ Pt. K 109 in R/W line - Approx. 475' S'ly of S'W'ly Cor Bridge @ Valley Blvd.
+	5.930		5.965			
±	274.100	+1.092 ✓	1.093			
−	4.838		4.872			
	269.262 ✓					
+	5.390		5.360			
±	274.652	+0.412 ✓	0.413			
−	4.973		4.947			
	267.679 ✓					
+	11.409		11.454			
±	281.088	+10.119 ✓	10.117			
−	1.290		1.337			
	279.798 ✓					
+	6.398		6.432			
±	286.196	+1.377 ✓	1.377			
−	5.021		5.055			
BMC-5	281.175 ✓				281.161	BMC-5 Elev. 281.161 FB3804-147 Rio Hondo Channel @ Valley Blvd. S'ly side - AFd Lt TK in curb 60' W/o S'W'ly Cor. Bridge

NOTES RED _____ JOB NO. 08.00 SURVEY OF RID Ref (4)
DATE _____ SURVEY BY _____
NOTES CHKD. _____ NOTES BY _____ DATE _____
DATE _____ INDEXED _____ DATE _____

F.B. 3804 Pg. 147

769420 S & E-353 9-55

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JOB NO. 0807.00 SURVEY OF RTD Prelim
SURVEY BY HH
NOTES BY HH
INDEXED
DATE 1-2-69
DATE
NOTES RED.
DATE
NOTES CHKD.
DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM C-5	281.175 ✓				281.161	BM C-5 Spike Pg 14'
+	4.827		4.833			
Π	286.002	+ 1.268 ✓	1.266			
−	3.559		3.567			
BM C-6	282.443 ✓				282.428	BM C-6 Elev. 282.428 FB 3804-148 Rio Hondo Channel & Valley Blvd. N. Wly Cor Conc Bridge F. Fd. 2" Brass Bishop Conc. Mkd. LA Co. Flood Control Dist. - 1965 - BM 062.00070
+	2.305		2.177			
Π	284.748	− 6.616 ✓	6.621			
−	8.921		8.798			
	275.827 ✓					
+	0.693		0.740			
Π	276.520	− 8.724 ✓	8.727			
−	9.417		9.467			
BM C-7	267.103 ✓				267.086	BM C-7 Elev. 267.086 FB 3804-148 Rio Hondo Channel Wly side Fd SM BM Spike in Mangin Cir Conc Hdwl of drain outlet & Mid slope Approx. 325' ± N/o N. Wly Cor Bridge @ Valley Blvd.
+	11.790		11.819			
Π	278.893	+ 7.488 ✓	7.493			
−	4.302		4.326			
	274.591 ✓					

F.B. 3804 PG. 148

769420 5 & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	274.591 ✓					
+	5.325		5.345			
π	279.916	+0.195 ✓	0.196			
−	5.130		5.149			
BM C8	274.786 ✓				274.767	BM C-8 Elev. 274.767 FB 3804-149 Rio Hondo Channel - W'ly side @ Fenced R/W line approx. 1.0' to T.C. Dist Cross Disk R/W Mon. 1'± W/o Fence @ E.C. of R/W - approx. 730'± N/o N'ly Cor Bridgeport & Valley Blvd (17' W/o top Conc Slope Wall)
+	5.419		5.457			
π	280.205	+0.389 ✓	0.392			
−	5.030		5.065			
	275.175 ✓					
+	0.770		0.780			
π	275.945	-10.870 ✓	10.872			
−	11.640		11.652			
BM C-9	264.305 ✓				264.284	BM C-9 Elev. 264.284 FB 3804-149 Rio Hondo Channel - E'ly side - A set 5/8 Rbt Spk in head in S'ly Conc. side wall of 56" RCP dbck o/ C/L of Approx 5.0'± above F.L. Main Chan. & Approx 700'± N/o N. Ely Cor Bridgeport & Valley Blvd
+	9.338		9.347			
π	273.643	+7.937 ✓	7.935			
−	1.401		1.413			
	272.242 ✓					

NOTES RED _____ JOB NO. D80900 SURVEY OF RTD Prelim
DATE _____ SURVEY BY [illegible] DATE [illegible]
NOTES CHKD. _____ NOTES BY [illegible] DATE 12-69
DATE _____ INDEXED H. E. OTT DATE _____

F. B. 3804 PG. 149

768420 S & E-353 9-55

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JOB NO. 0809.00 SURVEY OF RTD Pre-Eng
SURVEY BY HH DATE 12-6-
NOTES BY HH DATE
INDEXED DATE
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	272.242 ✓					
+	8.501		8.521			
Π	280.743	+ 3.541 ✓	3.541			
−	4.960		4.720			
BMC-10	275.783 ✓				275.760	BMC-10 Elev. 275.760 FB3804-150 Rickeeds Changer - Ely Side @ top Conc Slope Wall A SFT SM BTP Stamped in top Conc Wall No. Approx. 152' ± S/o S.P. Bridge Pier.
+	0.325		0.322			
Π	276.108	-11.468 ✓	11.472			
−	11.793		11.231			
BMC-11	264.315 ✓				264.291	BMC-11 Elev. 264.291 FB3804-150 Spike in A SFT SM BTS Spk BP Approx S/y side 24" Sq Conc Base of Light Sig. in Median Strip Approx 50' ± S/o S.P. Bridge Pier
+	6.195		6.165			
Π	270.510	+3.542 ✓	3.537			
−	2.653		2.623			
	267.857 ✓					
+	7.888		7.926			
Π	275.745	+6.658 ✓	6.851			
−	1.030		1.065			
	274.715 ✓					

F.B. 3804 PG. 150

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	274.715					
+	5.923		5.951			
Π	280.638	+ 1.181	1.184			
−	4.742		4.767			
BM C-12	275.896				275.868	BM C-12 Elev. 275.868 FB 3804-151 Sakioka Ave. & Ely Side - A Sft Sm Bt Spikin Face of top Conc Cap of Wall - Approx. 95' ± Slo Pier.
+	11.622		11.651			
Π	287.518	+11.242	11.241			
−	0.380		0.410			
	287.138					
+	6.803		6.740			
Π	293.941	+3.304	3.304			
−	3.499		3.436			
BM C-13	290.442				290.412	BM C-13 Elev. 290.412 FB 3804-151 S.P. R.R. - Ely of Sakioka Mitsu Ave. A S. Co. 4" Brass Disk in Conc Flush - Mkd E Monce H-3A Approx. 18' ± Slo of Main Tracks & 120' ± Ely of S.P. Timber Trestle
+	4.850		4.883			
Π	295.292	-0.297	0.302			
−	5.147		5.185			
BM C-14	290.145				290.114	BM C-14 Elev. 290.114 FB 3804-151 S.P. R.R. - Ely of Sakioka Ave. A Sft Sm Bt Spikin Face of Newly Cor Conc Base of 4 Circular Steel Transm Tower 56' ± Sly of ℄ Main Tracks and Approx 270' ± Ely of S.P. Timber Trestle

NOTES RED _____ JOB NO. 08000 SURVEY OF KYD FILM
DATE _____ SURVEY BY _____
NOTES CHKD. _____ NOTES BY _____ DATE _____
DATE _____ INDEXED _____ DATE _____

F. B. 3804 Pg. 151

768420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM C-14	290.145				290.114	BM C-14 SEE Pg. 151
+	5.070		5.060			
Π	295.215	+ 1.904	1.907			
−	3166		3153			
BM C-15	292.049				292.017	BM C-15 Elev 292.017 B3804-152
+	3.450		3.450			
Π	295.499	−2.313	2.317			
−	5763		5792			
	289.736					
+	3.573		3.583			
Π	293.309	−2.494	2.498			
−	6.067		6.081			
	287.242					
+	4.023		4.003			
Π	291.265	− 1.137	1.137			
−	5160		5140			
	286.105					

NOTES RED. ____
DATE ____
NOTES CHKD. ____
DATE ____

JOB NO. 0800.00 SURVEY OF RTD Pge 114
SURVEY BY HH 08/19/95
NOTES BY HH DATE 12-60
INDEXED ____ DATE ____

F. B3804 Pg. 152

769420 S & E-353 9-55

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NOTES RED ____ JOB NO. 080066 SURVEY OF KINDREDLINE
DATE ____ SURVEY BY [illegible] DATE 12-19
NOTES CHKD. [illegible] NOTES BY [illegible]
DATE ____ INDEXED ____ DATE [redacted] 1980

F. B3804 Pg. 153

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	286.185 ✓					
+	4.185		4.204			
Π	290.290	-0.957 ✓	0.954			
−	5.142		5.158			
	285.148 ✓					
+	5.133		5.150			
Π	290.281	+0.366 ✓	0.365			
−	4.767		4.785			
	285.514 ✓					
+	4.520		4.540			
Π	290.034	-1.228 ✓	1.226			
−	5.748		5.766			
	284.286 ✓					
+	4.480		4.507			
Π	288.766	-1.035 ✓	1.033			
−	5.515		5.540			
	283.251 ✓					
+	4.272		4.283			
Π	287.523	-1.175 ✓	1.177			
−	5.447		5.460			
	282.076 ✓					

769420 S & E-353 9-55

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JOB NO. 080000 SURVEY OF RTD Rel 1M
SURVEY BY HHS/JRS DATE 12-69
NOTES BY HHS DATE
INDEXED DATE
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	282.076					
+	5.169		5.195			
T	287.245	-0.913	0.915			
−	6.082		6.110			
	281.163					
+	4.250		4.261			
T	285.413	-1.335	1.339			
−	5.585		5.600			
	279.828					
+	5.480		5.518			
T	285.308	-0.585	0.580			
−	6.065		6.098			
	279.243					
+	4.480		4.488			
T	283.723	-1.504	1.502			
−	5.984		5.990			
	277.739					
+	3.922		3.945			
T	281.661	-0.913	0.918			
−	4.835		4.863			
BM R-28	276.826				276.781	BM R-28 Elev. 276.781 FD 3805-66 Santa Anita Ave @ P.E.R.W.C. E. side Bet. Spk. in head in conc curb, 44.8' N/o N. Rail.

F.B. 3804 PG. 157

768420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM R-28	276.826 ✓				276.781	BM R-28 SEE P. 154
+	5.468		5.480			
⊼	282.294	-0.010 ✓	0.012			
−	5.478		5.492			
BM R-27	276.816 ✓				276.770	BM R-27 ✓ ELEV. 276.770 FB 3015-68 SAN ANTA AVE @ R.E. R/W, W. side 14 Spk in Pole 1 ft conc. curb 19.5 N/C N. Rail

NOTES RED _____ JOB NO. 080000 SURVEY OF RTD Prelim
DATE _____ SURVEY BY _____ DATE 12/69
NOTES CHKD _____ NOTES BY _____
DATE _____ INDEXED H. E. Ott DATE _____

F. B3804 PG. 155

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of RTD Preliminary
JN 0809.00 Tape 731 Sub 8 "F
Surveyed by Mitsopoulos
Notes 1/11 Date 12/69
Indexed G. J. GALLI DEC 23 '69

F.B. 3804 PG. 157

JN 0809.00

RTD Preliminary Survey

San Gabriel Transportation Corridor

Location of Improvements

CATALINA Etc. to Pico Henderson
PERIWINKLE to S.P. RR

See FB 3804 - 129 - 140 for
Control

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4ES008 CE#310 8-67

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76F3093 CE#310 9-67

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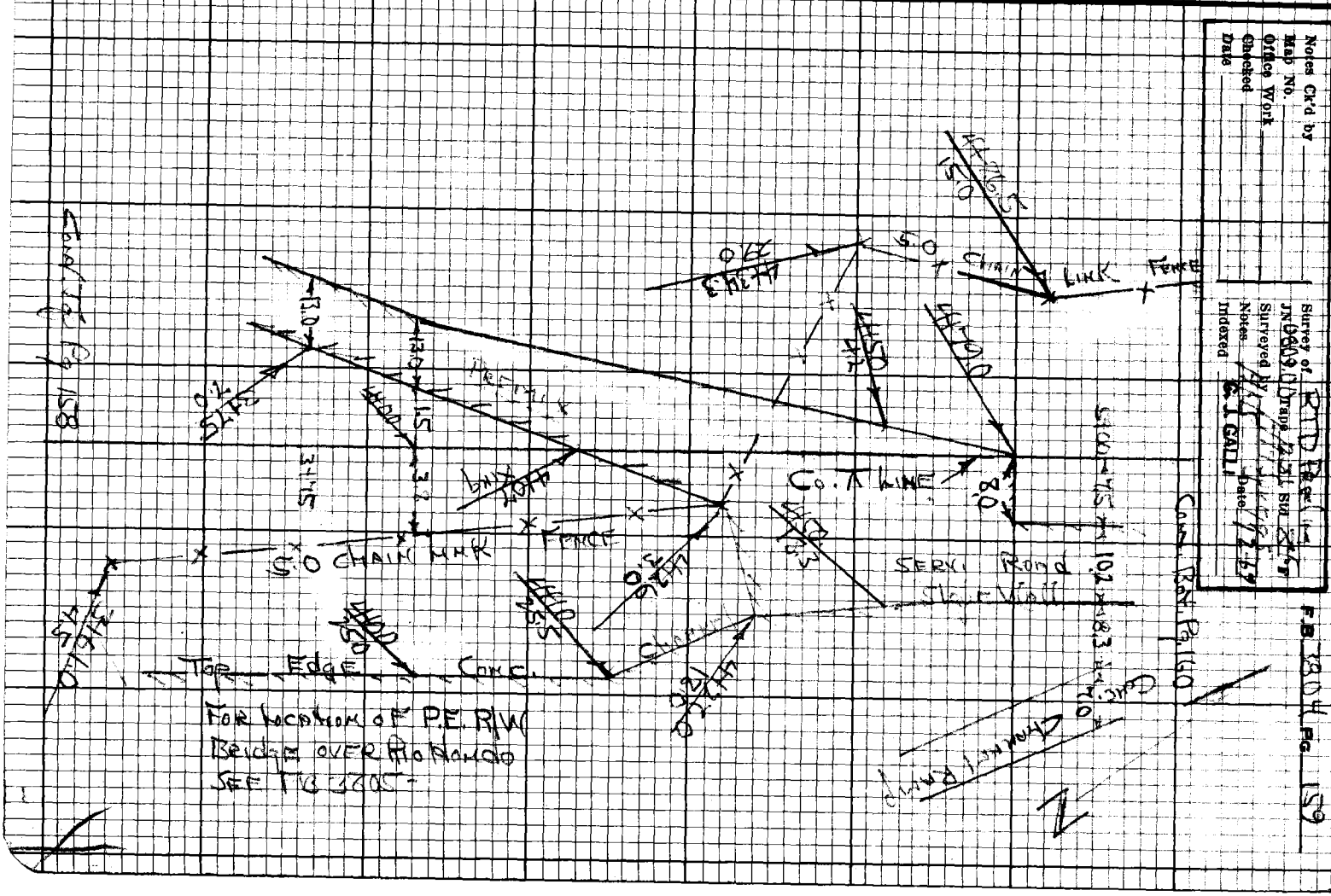
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of RTD Rail
J.N. 9609 Date 12-21-66
Surveyed By
Notes
Indexed
Date 12-6-67

FB 3804 PG 159



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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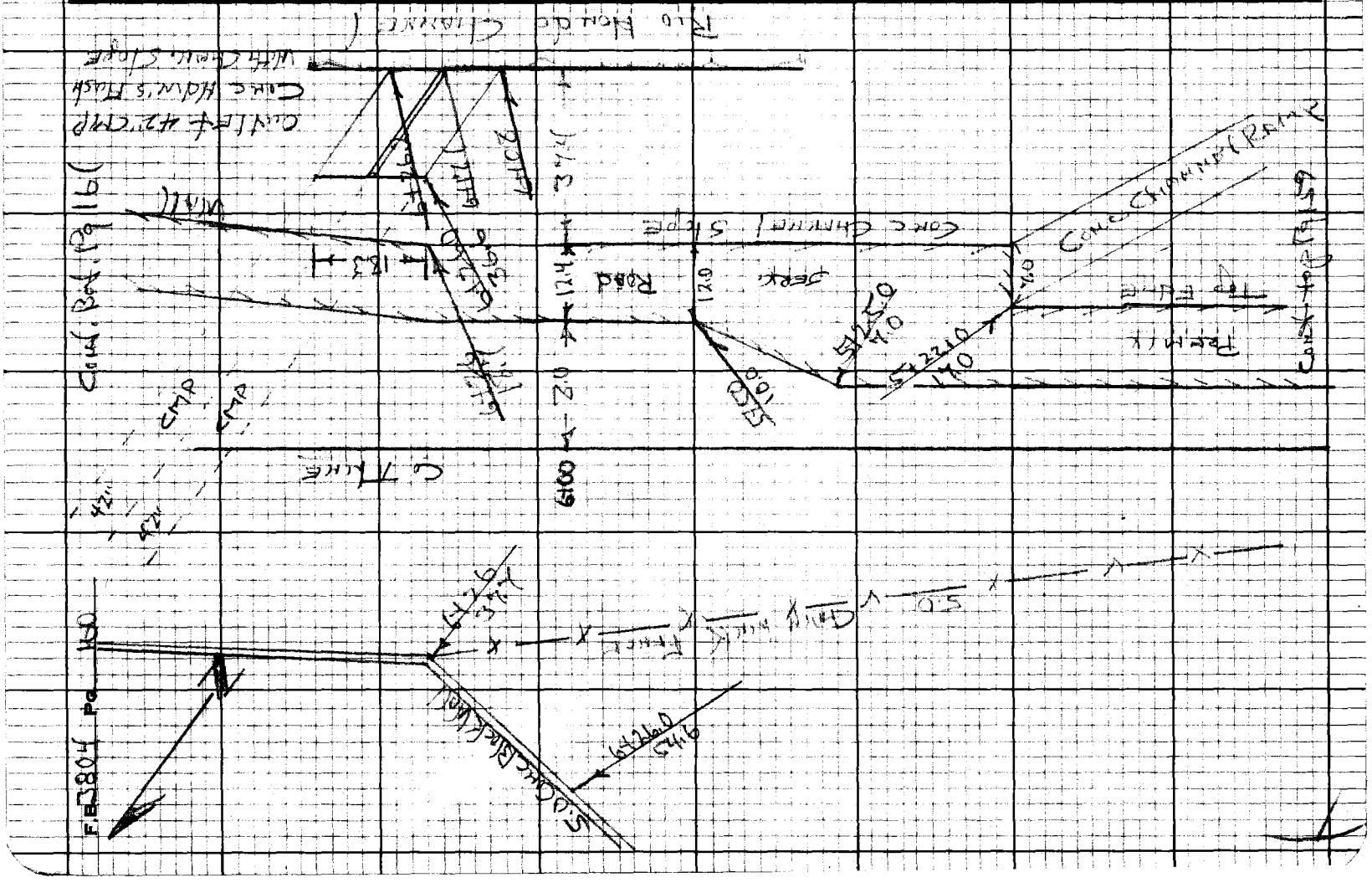

76F3029 CE#310 9-67

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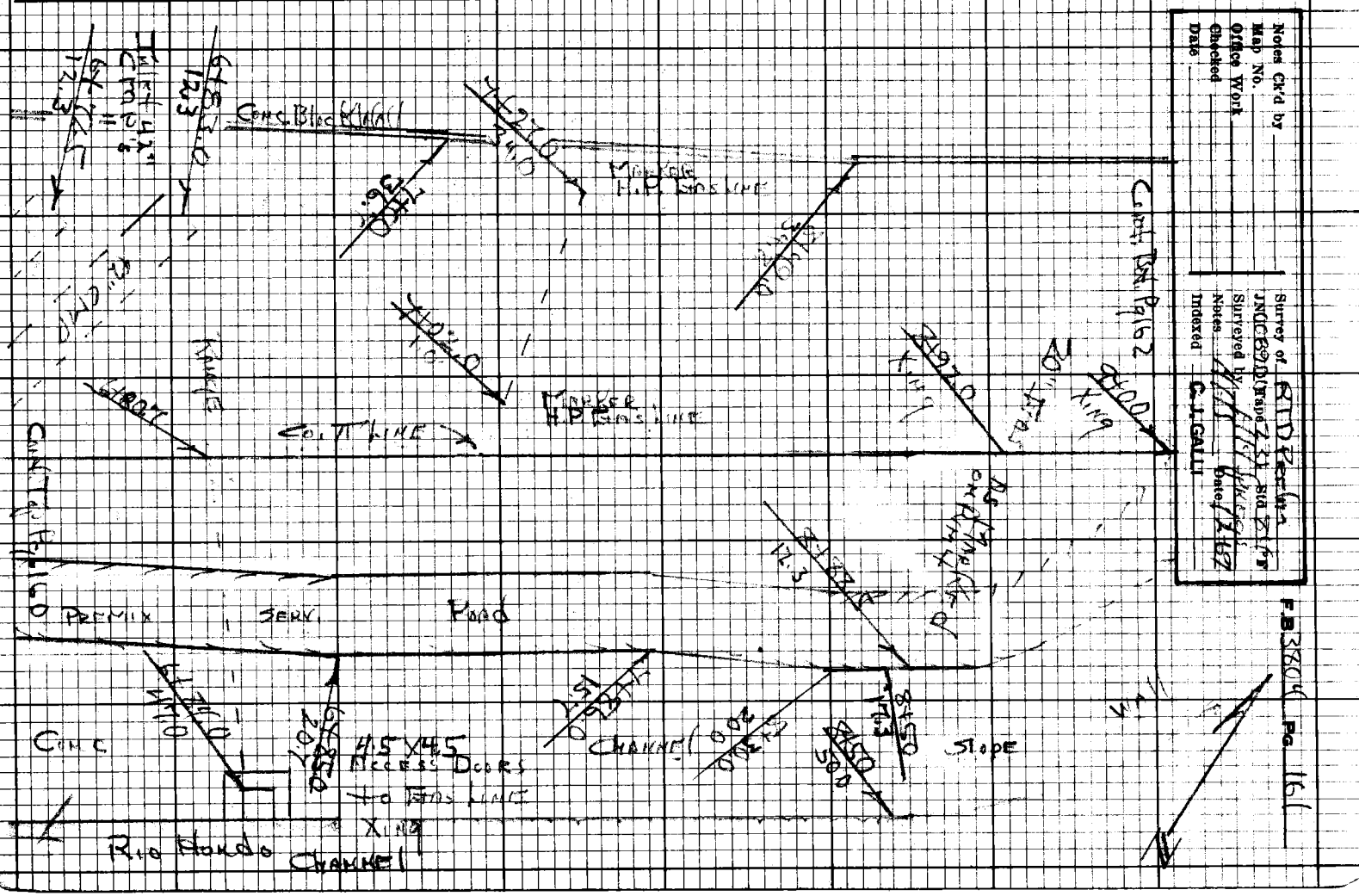

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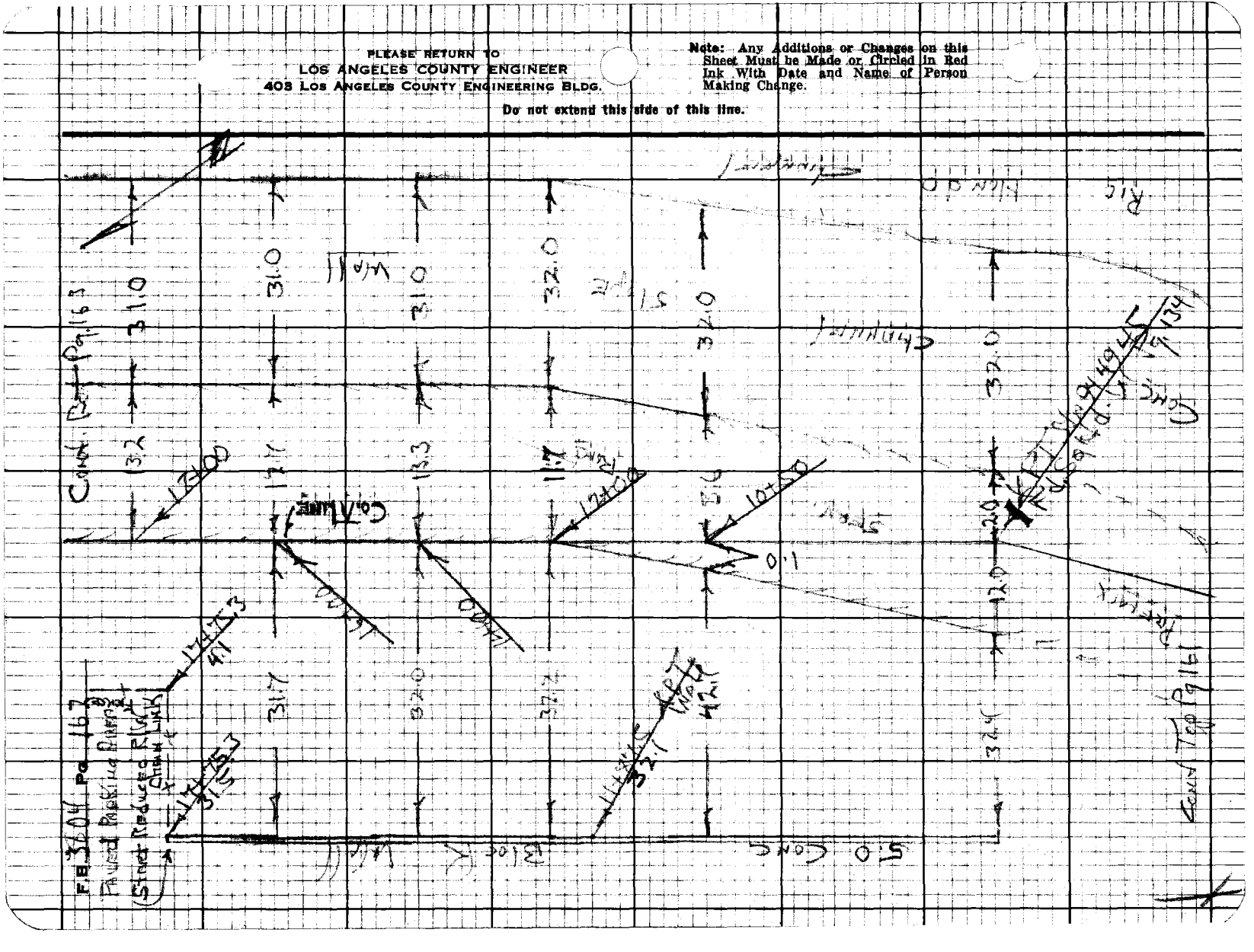
F.B. 3604 Pg 167
Paved Parking Area
(Street Reduced Black Chain Link)
Cont. Pg 168
Cont. Pg 161
Cont. Pg 134
Cont. Line
Cont. Line
Cont. Line

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of RTD Bellin
JN 08000 Tape 721 Std 85 F
Surveyed by
Notes 4445 Date 1/2/69
Indexed C. J. GALLI

F.B. 364 Pg. 163

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78500B EE# 310 3-67

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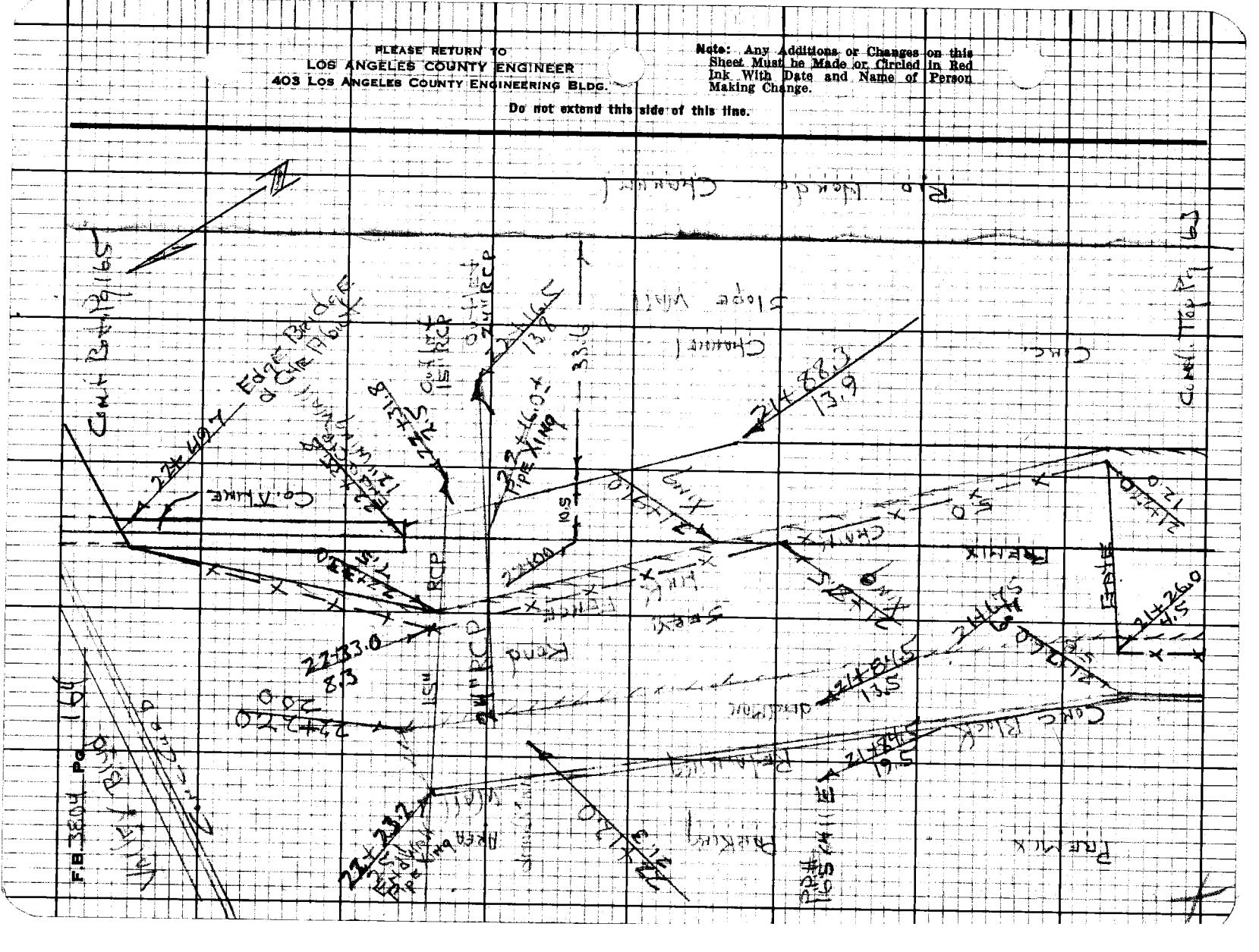
Curb Ret. Wall
Edge Bridge
Co. Line
Curb Ret. Wall
Edge
Curb Ret. Wall
Edge
Curb Ret. Wall
Edge

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of KTD Per/IM
JN 680-900 Trans. 231 Std 84°F
Surveyed by
Notes
Indexed C. J. GALLI
Date 12/69

F.B. 3804 Pg. 165

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1673093 CE#310 8-67

F.B. 3204 Pg 166
Cont. Bot Pg 167
Steel Fdr Bldg.
12" I Beam Crane Rails Extend out 4.0 From Bldg ℄ Pier Line
Cut Line
Wall
Face
Channel
Chnnel
Chnnel
Road
Slope
Rip Rap
Hondo
Rio
Conc
Cont Top Pg 165
23.8
25.5
9.4
16.0
6.0
22.5
10.0
43.0
19
5.5
5.0
2.0
1.8
1.5
4.0
18.0
1.8
1.5
180
25+50
24+115
24+50
24+70.0
24+85.0
24+85.0
24+70.0
24+85.0
24+70.0

75F3028 CE-310 9-67

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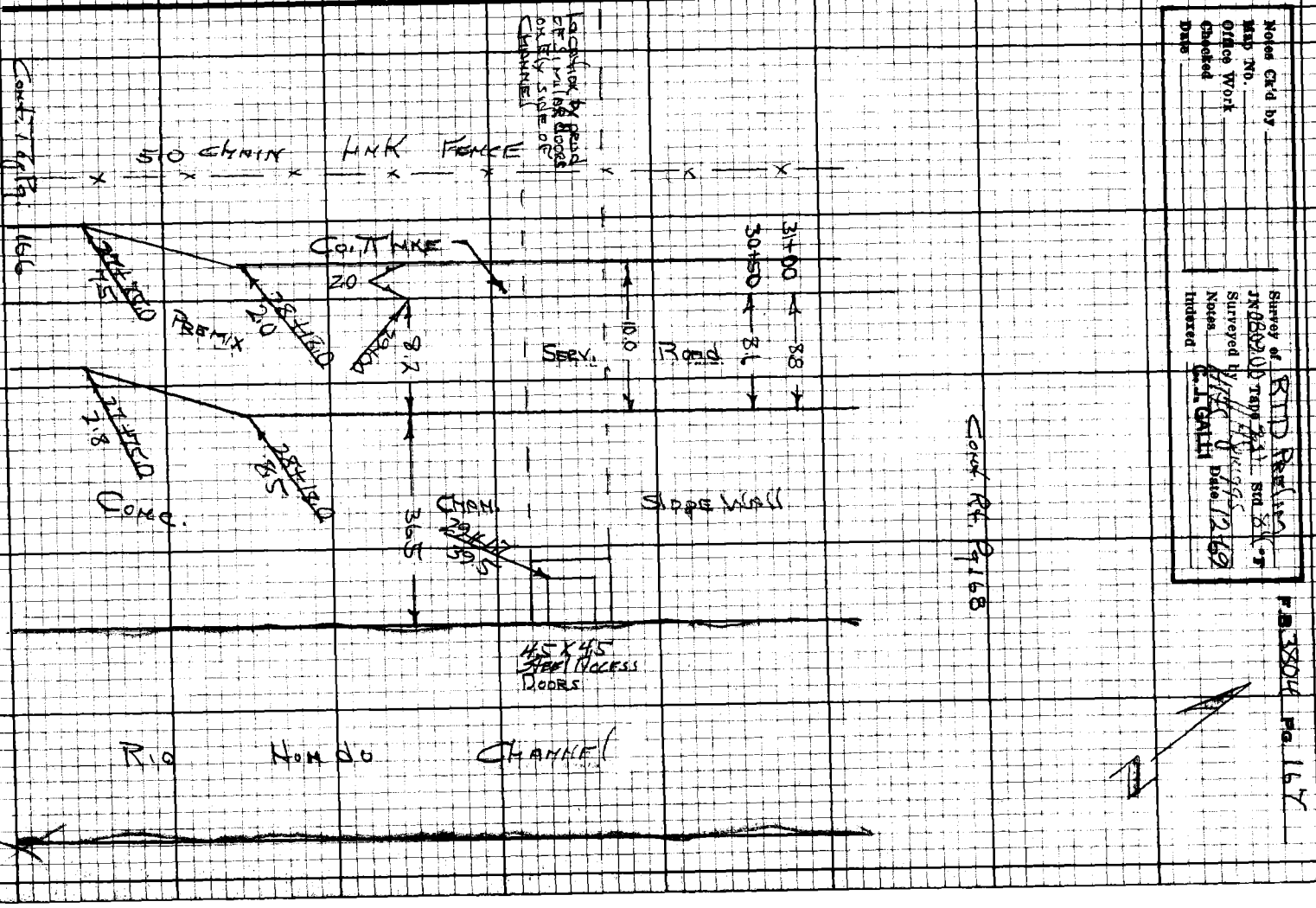
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of RID Project
Surveyed by
Notes
Indexed

FB 3004 Pg 167


Cont. Rd. 1160
50 Chain Link Fence
Cont. Rd. 1168
Cont. Rd. 1168
Cont. Rd. 1168

F.B. 3804 Pg. 168
Cont. to Pg. 169
Road
Well
Slope
Chan.
Serv.
Cove
Pond
Fence
Cont. to Pg. 169
Cont. to Pg. 167
Pg. 13
Pg. 13
Pg. 13

75F3098 CE#310 9-67

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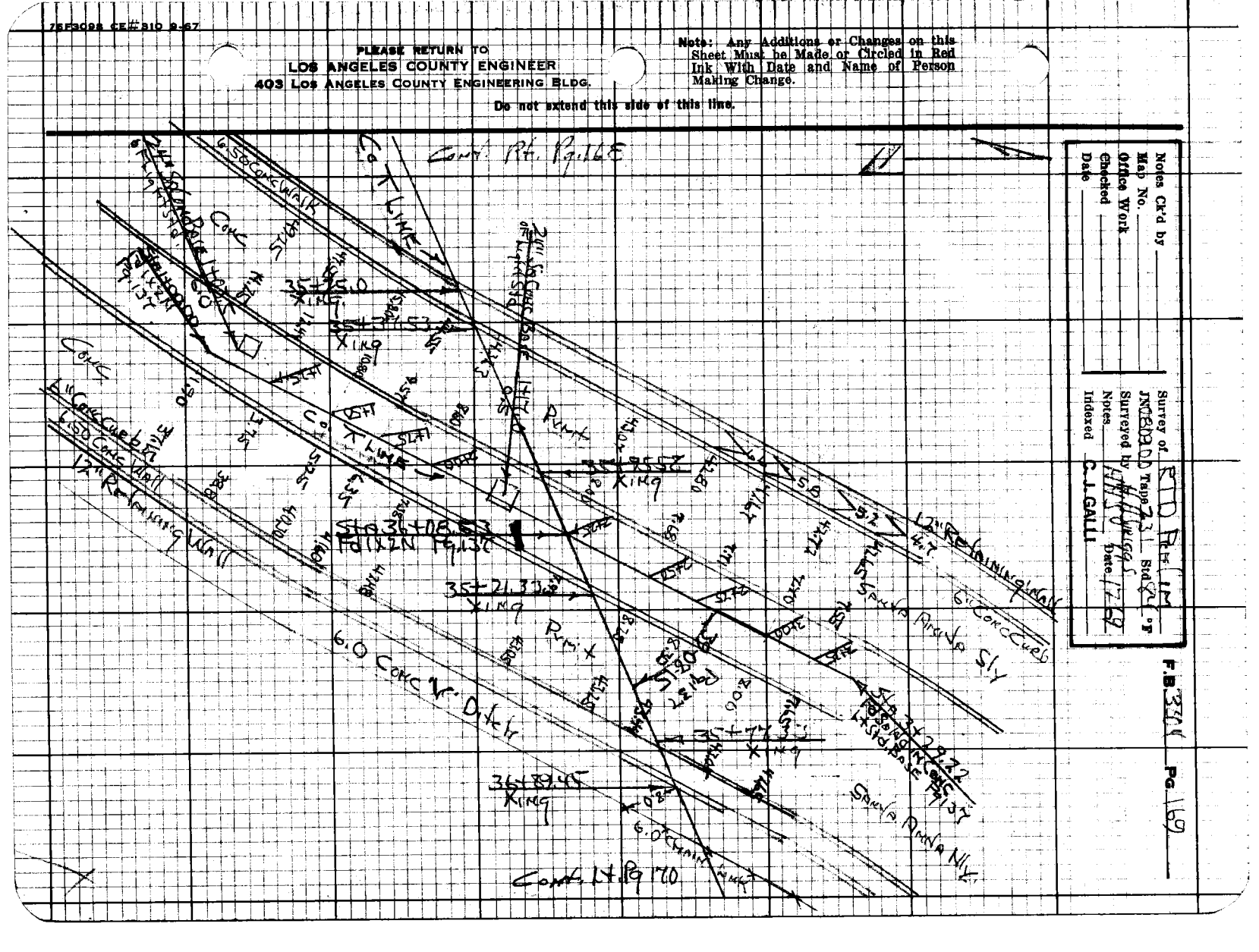
Cont. Rt. Pg. 168
Cont. Lt. 89 170
35+25.0 X ING.
35+53.53 X ING.
35+18.55 X ING.
Sta. 35+08.53
Fd 1X2N Pg. 132
35+21.32 X ING.
35+89.45 X ING.
35+77.77 X ING.
Cor. Lt. Line
Cor. Rt. Line
Cor. Rt. Line
Cor. Lt. Line

F.B. 3204 Pg 170

Note: S'ly Edge Wood Trestle with Open Timber Bent Supports located

Inside Edge (Bridge) of Rail located

Steel Girder Bridge over Spokane River

Trestle is 30' wide with gravel ballast Road Bed.

Sands

Rails N'ly

Rails S'ly

Rails Rt. of Center Line

Rails Lt. of Center Line

Center Line

Cont. N. Page 169

Cont. Page 171

Fenced Orig. Perm. F.L.

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76F3098 CE#310 9-67

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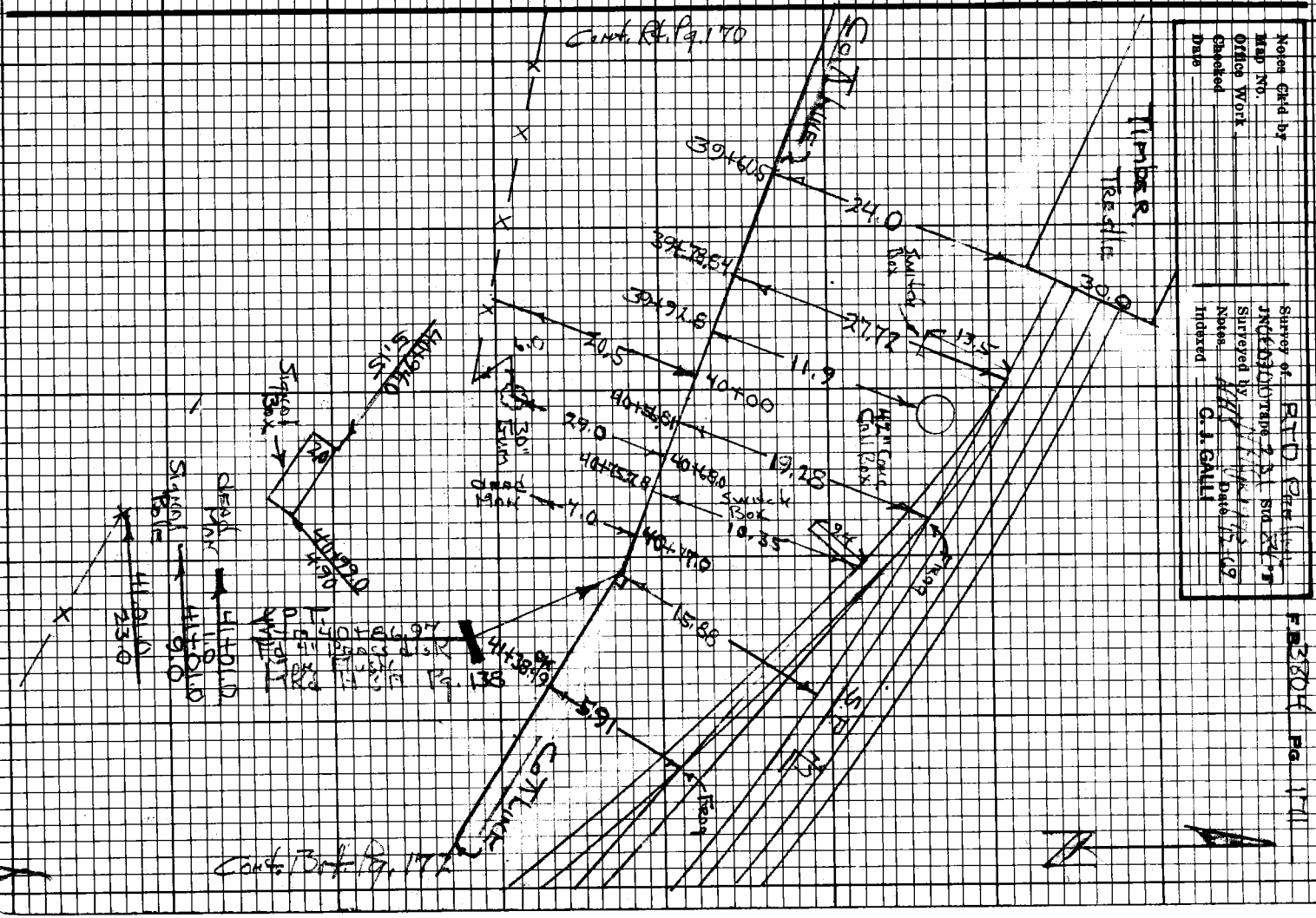
Cont. Rt. Pg. 170
Cont. Rt. Pg. 172
Cont. Rt. Pg. 138
Timber Trestle
Culvert
Culvert
Culvert

F.B. 3084 Pg. 172

N

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Sta 44+20.66
FOT
4+11.70
Conc. Plug
Pg. 138

44+00
31.23

44+00
12.82

44+00
3.68

43+50
29.40

43+00
7.30

43+00
3.00

43+50
6.82

43+50
3.00

42+50
29.90

42+80
3.40

42+35.40
2.9

42+74.30
21.30

42+69.0
47.5

Conc. Base
with
4 Steel
Storage Tanks
For Trash etc

44+50
27.5

44+50
25.2

44+47.30
Xing

44+44.80
Xing

Fence

Bus Stop Pole

Bus Stop Bench

Bus Stop Box

6" Conc. Rt. Pg 171

F. B. 3804 PG. 175

Profile No.	Notes Red	Plotted	Job No. AP0200	Division No.
	Date	Date	Survey of RTD. PRELIM.	
X-Sec. No.	Notes Chk'd.	Checked	Survey by H.H. SPRIGGS	Notes H.H. SPRIGGS Date 12-69
	Date	Date	Map No.	Indexed G. J. GALLI Date DEC 23 '69

ZKC 809.00
RTD Prelim.

XSECTIONS - PROFILE
Co. Line @ Rio Hondo Channel
P.E. R/W N. Ely to S.P. R/R

SEE FB 3304 - 129-140 FOR CONTROL

TNR - top northerly
TSR - " southerly
TCW - " channel wall
TCW - Bot. "

H.H. Spriggs
R. Lavey
B. L. Brust
D. B. Rowen

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

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76-L-298 CE 307 5-66

X

76-L-298 CE 307 5-66

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F. B. 7804 PG. 176 | Job No. 805.00 | Division No. | Notes Red | Plotted | Profile
Survey of ETD. PRELIM. | Date | Date | No.
Survey by W. STRICKLAND | Notes H.H.S. | Notes Chk'd. | Checked | X-Sec.
Indexed C. J. GALLI | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM R-25				271.96	BM R-25 Elev. 271.959 M35804-145 Rio Hondo Conn. @ PE R/W Bridge - W. end bridge, brass disk in conc mbut., 7.2 N/O N. Rail Mkd BM OSY.003350	
0+00.00 POT						
Fd 1X2N Pg. 133				269.8		
				270.28		4.0 TNR
				270.28		8.7 TSR
				269.1	7.0	
				265.2	15.0	
				265.0	41.0 E.P	
0+50				271.2		
				271.34		4.0 TNR
				271.36		8.7 TSR
				269.7	7.0	
				265.7	12.0	
				265.4	41.0 E.P.	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+00				271.7		
				271.78		4.0 TNR
				271.81		3 TNR
				271.1	7.5	
				269.2	17.5	
				266.6	37.0	
				265.2	42.0	
				265.1	62.0	
2+47.0				270.9		
				270.3	7.0	
				267.2	12.0	
				266.8	42.0	
				265.1	62.0	
				265.0	82.0	

Profile Notes Red ____ Plotted ____ Job No. 8809.00 Division No. ____
No. ____ Date ____ Date ____ Survey of R TD PRELIM. Notes H H S Date 12-69
X-Sec. Notes Chk'd. ____ Checked ____ Survey by H H S PRELIM.
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3 8054 PG. 117

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F. B. 3804 PG. 178 | Job No. 0809.40 Division No. | Notes Red | Plotted | Profile No.
Survey of PTD PRELIM. | Date | Date | X-Sec. No.
Survey by H.H.S. | Notes H.H.S. | Notes Chk'd. | Checked
Indexed W. J. GALLI | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.			
1+50				271.0		T	
				272.27			40 TRP
				272.76			3½ TSR
				270.8	9.0		
				262.6	23.0		
				261.6	32.0		
				261.1	47.0		
				2679	58.0		
				265.2	87.0		
				2649	117.0		
2+00				271.5		T	
				272.70			40 TRP
				272.71			3½ TSR
				271.2	1.0		
				261.1	26.0		
				259.0	62.0		
				265.5	120.0		
				264.4	150.0		

4

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STATION	B. S.	H. I.	F. S.	ELEV.		
2450				[illegible]		4.0 TNR
				[illegible]		X.Y TSR
				[illegible]		
				[illegible]		
				261.1	[illegible]	
				258.8	44.0	
				263.2	100.0	
3400				[illegible]		4.0 TNR
				[illegible]		8.7 TSR
				[illegible]		
				272.9	16.0	
				260.2	36.0	
				258.6	63.0	
				258.6	100.0	
3450.00	KPT					
Fd. 1" IP Conc Plug & HA Cotter Pin Tag Pg 58						

Profile Notes Red ____ Plotted ____ Job No. 0801.00 Division No. ____
No. ____ Date ____ Date ____ Survey of RTD PRELIM.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by M H SPENCER Notes H H S Date 12-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3804 PG. 119

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F. B. 3804 PG. 180 | Job No. 080902 Division No. ____ Notes Red ____ Plotted ____ Profile

Survey of EIP. PRELIM. Date ____ Date ____ No. ____

Survey by HUSTRIDGE Notes HHS Notes Chk'd. ____ Checked ____ X-Sec.

Indexed C. J. GALLI Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
4+00				269.1		
				268.0		12.0
				268.92		25.0 TCW
				269.35	1.5 EP	
				269.76	14.0 EP	
				269.6	16.0	
				269.5	24.0	
				269.1	50.0	
				269.7	100.0	
4+50				267.92		
				267.48		18.3 TCW
				267.75	4.2 EP	
				267.7	6.0	
				269.3	20.0	
				268.8	39.0	
				268.7	100.0	

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STATION	B. S.	H. I.	F. S.	ELEV.		
5400				267.7		
				267.95		7.5 EP
				267.93		17.7 EP TCW
				264.20		26.0
				263.91		33.0
				259.4	12.0	
				258.9	22.0	
				258.8	60.0	
				258.9	100.0	
5450				268.19		
				268.15		100 EP
				267.94		200 TCW EP
				259.1	16.0	
				259.1	25.0	
				259.3	60.0	
				259.4	100.0	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D. PRELIM.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by H.H. SPRING Notes H.H.S. Date 12-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3804 PG. 13

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F. B. 280 Pg. 182

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile No. ____

Survey of R.T.D. PRELIM. Date ____ Date ____ X-Sec. No. ____

Survey by H.H.S. Notes H.H.S. Notes Chk'd. ____ Checked ____

Indexed C.J. GALLI Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
6+00				263.0		
				263.4		8.0 EP
				263.0		20.4 EP TCW
				262.0	2.0	
				259.0	20.0	
				255.[illegible]	40.0	
				249.3	54.6 Bottom	
6+02.0				251.59		569 = F.L. Chan. @ Pipe outlet =
6+30.0				253.00		26'± = F.L. Bottom 42" CMP
6+50				261.3		
				261.15		9.0 EP
				261.[illegible]		19.2 EP TCW
				252.55		30.0 Chan. Slope
				261.3	2.0	
				259.3	15.0	
				257.2	28.0 [illegible]	
				260.1	45.0	

76-L-298 CE 307 5-66

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2 63

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STATION	B. S.	H. I.	F. S.	ELEV.		
64+25				259.13	12.3 FL. Inlet 42" CMP	
64.00				266 45		
				266 15		5.5 EP
				265 95		19.0 EP TCW
				262.15		28.0 Chan Wall
				266 7	4.0	
				259 4	18.5	
				259.5	36.7 Wall	
				259.5	47.0	
65+50				266 46		
				266 15		7.0 EP
				265 85		17.4 EP TCW
				262 28		26.0 Chan Wall
				266 8	5.0	
				260 4	19.0	
				259.6	36.0 Wall	
				259 6	46.0	

Profile Notes Red ____ Plotted ____ Job No. 2202.00 Division No. ____
No. ____ Date ____ Date ____ Date ____ Survey of RTD PRELIM
X-Sec. ____ Notes Chk'd. ____ Checked ____ Survey by HHS FR 1665 Notes HHS Date 12-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3904 PG. 183

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F. B. 3404 Pg. 184

Job No. 9081.00 Division No. ____ Notes Red ____ Plotted ____ Profile No. ____

Survey of RTD. PRELIM. Date ____ Date ____ X-Sec. No. ____

Survey by H.M. STRICKLAND Notes H. M. S. Notes Chk'd. ____ Checked ____

Indexed C. J. GALLI Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
8+00				266.50		
				266.29		7.0 EP
				266.21		17.0 EP-TCW
				262.10		27.0 CHANNEL
				266.5	8.0	
				261.0	19.0	
				259.6	35.0 WALL	
				259.6	45.0	
8+50				266.6		
				266.41		5.0 EP
				266.21		17.3 EP TCW
				262.16		27.0 CHANNEL
				266.7	8.0	
				259.9	23.0	
				260.1	34.8 WALL	
				260.1	45.0	

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STATION	B. S.	H. I.	F. S.	ELEV.		
9+00				266.52		T EP
				266.21		10.8 EP TCW
				261.93		21.0 CHAN WALL
				267.0	15.0	
				259.7	30.0	
				260.0	42.5 WALL	
				260.0	525	
9+49.45 Fd Sand Tr.	KPT P9134	RH & PM.		266.55		T
				266.50		7.3 EP-TCW
				261.92		13.0 CHAN WALL
				266.75	10.0 EP	
				267.1	24.0	
				259.3	38.0	
				260.8	50.2 WALL	
				260.8	60.0	

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____
No. ____ Date ____ Date ____ Survey of RTD. PRELIM.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes MHS Date 12-69
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F. B. 7804 Pg. 85

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STATION	B. S.	H. I.	F. S.	ELEV.		
10+00				266.71		
				266.68		5.5 EP TCW
				262.21		16.0 CHANL WALL
				266.71	4.5 E.P.	
				266.8	25.0	
				260.5	36.0	
				261.1	46.4 WALL	
				261.0	56.0	
BM C-2				265.74	BM C-2 ELEV. 265.74 F.B. 3804 - Rio Hondo Channel - W/y conc slope - Approx. 700'± N/o W. end P.E. R/W Bridge. A 5M. BY Spk in Conc Slope Wall, 2'± E/o top (N. end Largest conc drain outlet is opposite on E/y conc slope wall)	

F. B. 3804 PG. 186

Job No. 2[illegible] Division No. ____ Notes Red ____ Plotted ____ Profile

Survey of RTD PRELIM. Date ____ No. ____

Survey by H.H.S. Notes H.H.S. Notes Chk'd. ____ Checked ____ X-Sec.

Indexed C.J. GALLI Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.			
10+50				266.73		T	
				266.56			2.6 TCW
				252.90			40.6 BCW-FL
				266.73	6.0 EP		
				266.73	22.0		
				261.4	36.0		
				261.5	42 TW		
11+00				266.91		T	
11+50				267.02		T	
12+00				267.21		T	EP
				267.08			11.7 TCW
				262.73			22.0 CMP
				267.1	19.0		
				262.5	26.0		
				262.6	32.0		
				262.5	42.0		

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D. PROJECT
X-Sec. ____ Notes Chk'd. ____ Checked ____ Survey by H.M.S. Notes H.M.S. Date 12-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F. B. 3804 PG. 107

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F. B. 3804 PG. 1 [illegible]

Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of R.T.D. PRELIM. Date _____ Date _____ No. _____ X-Sec.

Survey by K.H. SPEGEL Notes H.H.S. Notes Chk'd. _____ Checked _____

Indexed ALL Date _____ Date _____ No. _____

STATION	B. S.	H. I.	F. S.	ELEV.			
13+50				267.14			
13+00				267.30			
13+50				267.44			
14+00				267.61			
				267.24			13.3 TCW
				263.46			22.0 CHANNEL WALL
				267.8	20.0		
				264.5	26.0		
				260	32.0 WALL		
				[illegible]	42.0		
14+50				267.63			
15+00				267.80			
15+50				267.91			

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STATION	B. S.	H. I.	F. S.	ELEV.		
16400				268.05		T
				267.00		12.0 TCW
				263.86		22.0 [illegible]
				268.8	21.0	
				265.9	31.0 VAL	
				265.9	41.5	
16450				266.38		T
17400				267.49		T
				267.53		12.9 TCW
				263.75		23.5 [illegible] VAL
				268.1	15.0	
				266.5	20.0	
				266.4	31.4 VAL	
				266.4	41.5	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of P.T.O. PRELIM.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by H.H. Notes H.S. Date 12-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F.B. 3304 Pg. 189

76-L-298 CE 307 5-66

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F. B. 3804 PG. 190

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile No. ____

Survey of R.T.D. PRELIM. Date ____ Date ____ X-Sec. No. ____

Survey by H.H.S. Notes H.H.S. Notes Chk'd. ____ Checked ____

Indexed C. J. GALLI Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
17+50				266.39		
18+00				268.63		
				268.66		13.2 TCW
				264.16		23.0 Chackwall
				267.70	4.3 FENCE-EP	
				267.96	20.5 Row	
				268.13	31.0 "	
18+50				268.66		
19+00				269.07		
				268.35		13.3 TCW
				265.12		23.0 Chackwall
				255.45		44.3 BOW F.L.
				267.32	4.3 FENCE EP	
				265.09	22.0	
				268.31	32.0	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
19+50				269 19		
19+75				269 16		
				269 03		7.5 TCW - EP
				267 44		22.9 Edge Pavmt
				262 06		28.9 " "
				255 53		44.5 BCW - FL.
				269 30	4.6 Fence - EP	
				265 94	15.4 Pavmt - Edge	
19+72.2				268 80	5.5 Lower Front Restaurant Bldg	
20+00				269 24		
				269 09		4.2 TCW - EP
				258 59		31.8 Edge Pavmt
				258 28		37.8 " "
				255 58		44.2 BCW - F.L.
				269 26	3.0 EP	
				269 3	4.5 Fence	
				269 3	5.50 Bldg	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of R. T. D. PRELIM
X-Sec. Notes Chk'd. ____ Checked ____ Survey by H.H.S. Notes H.H.S. Date 12-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GATT Date ____

F. B. 3204 PG. 171

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
20+50				269.55		
20+82.5				281.07	5.5 Upper Floor Restaurant Bldg	
21+00				269.71		
				269.15		13.2 TCW/MP
				265.29		23.0 Chain Wall
				269.70	3.0 EP	
				269.5	5.6 Bottom	
				279.2	5.6 Top Wall	
				279.60	15.0 Pvmt	
				279.75	25.0 "	
21+26.5				269.88		
21+50				271.65		
				271.15		7.9 EP
				269.16		13.5 TCW
				265.63		44.6 BCW-FL
				271.95	5.6 EP	
				269.6	16.6 Bottom	
				269.6	16.6 TOP	
				269.76	16.5 Pvmt	
				269.76	26.5 "	

F. B. 3804 Pg. 192

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile No. ____

Survey of P.T.D. PROJECT. Date ____ Date ____ X-Sec. No. ____

Survey by ~~M.K. TRIGG~~ Notes H.N.S. Notes Chk'd. ____ Checked ____

Indexed C.J. GALLI Date ____ Date ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
22+00				276.3		
				271.0		10.4 TCW
				266.67		20.5 Curb
				277.20	2.0 EP	
				277.91	14.1 EP	
				278.1	20.4 Bot Wall	
				279.20	20.4 Top Wall	
				279.78	26.5 Pvmt	
				280.66	36.5 "	
22+165				266.79		13.8 F.L. Curb Inlet
22+250				275.98		
				274.1		3.4 TCW
				270.08		13.0 Curb Wall
				280.08	6.6 EP	
				281.05	19.4 EP	
				281.30	23.5 EP	
				281.21	42.0 Pvmt	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of RTD PRELIM. Notes H. 14, 5 Date 12-69
X-Sec. Notes Chk'd. ____ Checked ____ Survey by M.H. STR'S
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F. B. 3834 PG. 193

76-L-298 CE 307 5-66

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F. B. 3804 PG. 104

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile

Survey of R.T.D. PRELIM. Date ____ Date ____ No. ____

Survey by WILLIS STRIEF Notes H.H.S. Notes Chk'd. ____ Checked ____ X-Sec.

Indexed G.J. GALLI Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
22+31.8				274.87		2.5 Ft. Outlet 15" RCP
22+50.0				282.13	T	on Bridge Abut @ Wall Level
23+03.62 Fd. Concl. Pg. 135				281.99	T	
=1+00 Three Valleys Blvd.						
				X-section - Three Valleys Blvd		Pg. 135
0+50.00 Fd. Chis + Pg. 135				282.20	T	
0+75.00				282.10	T	
				281.83		20.0 Pvm't
				281.65		30.0 Edge Bridge
				281.59		36.2 Edge Fnt
				281.51		38.2 Ft. "
				282.17		38.2 TC
				282.23		44.0 E.P.
				280.95		62.0 E.P.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	Xsections - T Valley Cir. - Pg. 135	
14+00.00				281.99		
Fd. Conc. Mon. Pg. 135						
221.66	T Wire	Rio Hondo Junc.		281.74		20.0 Point
				281.29		36.2 Edge Pave.
				281.18		38.2 FL
				281.82		33.2 TC
				282.2		50.0
				278.5		65.2
				281.70	20.0 Point	
				281.37	36.2 FL	
				282.19	36.2 TC	
14+25				281.30		
				281.50		20.0 Point
				280.98		36.2 Edge Pave.
				280.55		38.2 FL
				281.45		33.2 TC
				281.58	20.0	
				281.37	33.0 Edge Pave.	
				281.25	38.2 FL	
				282.05	36.2 TC	

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of E.T.S. Public
X-Sec. Notes Chk'd. ____ Checked ____ Survey by H.H.S. Notes H.H.S. Date 12-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3804 Pg. 75

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F. B. 3804 PG. 196

Profile No. ____ X-Sec. No. ____

Job No. ____ Division No. ____ Notes Red ____ Plotted ____
Date ____ Date ____ Date ____ Date ____

Survey of R.T.D. PERLIN
Survey by M.H. SPRIGGS Notes Bk. 5 Notes Chk'd. ____ Checked ____
Indexed C. J. GALLI Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	Xsection - ℄ LINE Valley Blvd Rt 35
1+50				281.70	℄
				281.35	20.0
				280.68	36.2 Edge Pavt.
				280.58	38.2 PL "
				281.25	53.2 TC
				281.47	20.0 Point
				281.16	36.2 Edge Pavt
				281.08	38.2 PL "
				281.16	38.2 TC-drive
				281.93	45.5 "
				281.85	51.0 Edge "
1+75				281.60	℄
				281.26	20.0 Point
				280.63	36.2 Edge Pavt.
				280.57	38.2 PL "
				281.30	20.0 Point
				280.85	36.2 Edge Pavt
				280.71	38.2 PL "
				280.79	38.2 TC Drive
				281.74	50.0 DRIVE
				281.16	53.0 "

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STATION	B. S.	H. I.	F. S.	ELEV.	X SECTIONS - TUNNEL Valley Blvd Pg 135	
24+00.00 Fd. Conc Hdw (Pg 135)				281.60		T
				281.26	30.0 Point	
				280.62	36.2 Vegetation	
				280.99	36.2 Pl	
				281.15	33.2 TC	
				281.16	50.0 Point	
				280.90	60.0 "	
24+01.5				276.50	33.2 Ft. Inlet 15" RCP in C.B.	(Connect 25 Ft. Sta 22+31.8 R.U. Tunnel)
					End of X SECTIONS - Valley Blvd TUNNEL	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of R. T. D. PARTY
X-Sec. Notes Chk'd. ____ Checked ____ Survey by H. H. TYRE Notes H. H. T. Date 12-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 38004 Pg. 19

76-L-298 CE 307 5-66

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F. B. 3804 Pg. 198

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile

Survey of R.T.D. PROFILE Date ____ Date ____ No. ____ X-Sec.

Survey by ~~H.M.S.~~ Notes H.M.S. Notes Chk'd. ____ Checked ____

Indexed ____ J. GALLI Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.			
23+75				280.58		T	Top Wing Wall
				280.81	6.0 EP		
				280.79	19.0 EP		
				280.5	30.0		
				277.5	50.0		
24+00				276.48		T	
				275.60			1.6 TCW
				276.91	2.0 EP		
				276.87	16.0 EP		
				277.5	35.0		
24+10.0				275.77		T	
				276.13	15.5 EP		
				277.4	35.0		

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STATION	B. S.	H. I.	F. S.	ELEV.			
24+50				275 95			
				275 71			1.9 TCW
				256 88			44.9 BCW-F.L.
				276 07	15 E.P.		
				276 6	30.0		
25+00				274 10			CHAN WALL
				271 51			6.0 CHAN WALL
				275 86	4.3 TCW E.P.		
				276 06	14.5 E.P		
25+50				274 14			CHAN WALL
				267 24			16.0 } CHAN RAMP
				266 99			22.0 }
				257 24			44.5 BCW F.L.
				276 11	4.6 TCW EP		
				276 24	14.5 E.P.		
				276 4	35.0		

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.S. PRELIM.
X-Sec. Notes Chk'd ____ Checked ____ Survey by H.H. SPRINGS Notes H.H. S Date 12-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3204 Pg. 199

76-L-298 CE 307 5-66

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F. B. 3804 PG. 200

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile

Survey of R.T.D. PRELIM. Date ____ Date ____ No. ____ X-Sec.

Survey by [illegible] Notes H.H.S. Notes Chk'd. ____ Checked ____ No. ____

Indexed C. J. GALLI Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
26450				276 36		
				276 34		1.8 TCW EP
				257 56		45.0 BCW F.L.
				276 41	11.6 EP	
				276 6	35.0	
26490 ±				259 66		20' ± F.L. Outlet
						42" RCP
27400				276 81		
				276 75		1.3 TCW
				272 66		11.0 [illegible]
				276 66	8.1 EP	
				276 7	19.0 [illegible]	
					[illegible]	
27450				276 55		

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.			
274+75				276 51		T	
				276 51			2.8 TCW
				276 50			13.0 CHANNEL
				276 48	7.5 EP		
				276 5	20.0		
281+00				275 17		T	
284+80				274 54		T	
				273 90			8.5 TCW
				272 00			13.0 CHANNEL
				274 54	7.0 EP		
				275 2	11.5		
				278 5	21.0		
				279 5	35.0		
288+50				274 40		T	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of RTD PRELIM
X-Sec. Notes Chk'd. ____ Checked ____ Survey by H.H. SPR/BS Notes H.H.S. Date 12-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3804 PG. 201

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F. B. 3204 PG. 202 | Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile

Survey of RTD PRELIM. Date ____ Date ____ No. ____

Survey by H.H. SPRIGGS Notes H.H.S. Notes Chk'd. ____ Checked ____ X-Sec.

Indexed C. J. GALLI Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
29+00				274.49		
				274.24		5.2 TCVC EP
				270.01		18.0 CHAK WALL
				274.43	2.0 EP	
				274.6	10.0	
				274.6	20.0	
				272.6	30.0	
				274.6	40.0	
29+50				274.60		
30+00				274.80		
				274.45		3.3 FP TCVC
				270.44		18.0 CHAK WALL
				274.84	2.0 FP	
				275.1	10.0	
				272.0	22.0	
				275.1	32.0	

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STATION	B. S.	H. I.	F. S.	ELEV.			
30+50				274.90		T	
31+00				274.91		T	
				274.68			3.6 EP TCM
				270.[illegible]			20.0 [illegible]
				274.90	1.5 EP		
				274.9	8.5		
				274.9	18.5		
				274.9	28.0		
31+50.17 [illegible]	KPT [illegible]			275.22		T	
31+67.0				275.11		T	Xing TCM

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. [illegible] Pg. 103

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STATION	B. S.	H. I.	F. S.	ELEV.	Xsecting Rio Hondo Channel Pg 136 From South to North	
64+00.00 PCT Pg Crochna Pg. 136						
				259.00	49.6 BCW FL	
				264.85	85.8 TCW EP	
				274.96	96.0 EP	
				275.0	135	
				272.0	111.0	
64+50.0						
				259.05		51.5 BCW FL
				274.77		87.6 TCW EP
				275.00		97.5 EP
				259.17	43.6 BCW FL	
				27[illegible].10	84.7 TCW EP	
				27[illegible]	95.[illegible] EP	
				27[illegible].1	112.[illegible]	
				27[illegible].0	110.0	
				274.0	100.0	

F. B. 3844 Pg. 204

Survey of Rio Hondo Channel
Survey by [illegible]
Indexed C. J. GALLI

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____
Checked ____ Date ____
Notes Red ____ Date ____
Notes Chk'd ____ Date ____
Division No. ____
Job No. [illegible]
Notes [illegible]
Date ____

76-L-298 CE 307 S-66

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STATION	B. S.	H. I.	F. S.	ELEV.	X-sections - Roadway Grade Hwy. 136 from South to North	
1+00						
				259 17		52.0 BC&CPK
				275 12		38.1 TCW EP
				275 11		98.0 EP
				259 26	453 BC&CPK	
				275 21	243 TCW EP	
				275 43	114 EP	
				275 3	102.5	
				272 3	115.5	
1+50						
				259 34		52.5 BC&CPK
				275 23		24.9 TCW EP
				275 48		98.0 EP
				274 7		104.0 Top of Well
				275 23		104.0
				259 38	48.5 BC&CPK	
				275 09	24.3 TCW EP	
				275 04	95.0 EP	
				275 8	112.0	
				272 0	112.0	
				274 5	120.0	

Profile Notes Red ____ Plotted ____ Job No. 0800 Division No. ____
No. ____ Date ____ Date ____ Survey of Pub. D. Tech. Survey by ____ Notes ____ Date 12-69
X-Sec. Notes Chk'd. ____ Checked ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3800 PG. 205

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F. B. 3801 Pg. 206 | Job No. 0600100 Division No. | Notes Red | Plotted | Profile No.
Survey of R.T.D. Prelim | Date | Date | X-Sec. No.
Survey by Hughes Notes | Notes Chk'd. | Checked
Indexed G. J. GALLI Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	Keechens-Rockaway Channel Pg. 136 From South of Left	
2400.00 PT. Pg.	PT. Pg.	BK Tang S.				B
Fd. Sa Hd.				259.47		50.5 BOW FL
				275.29		36.3 TOW EP
				275.67		97.0 EP
				275.0		152.5 Bot Wall
				275.16		102.5 Top Wall
				259.53	51.0 BOW FL	
				275.36	36.2 TOW EP	
				275.54	97.0 EP	
				275.7	100.0	
				275.7	100.0	
				275.7	125.0	
2450						B
				259.45		53.2 BOW FL
				275.54		22.6 TOW EP
				275.79		99.5 EP
				275.8		155.0 Bot Wall
				275.12		105.0
				259.54	50.4 BOW	
				275.40	36.2 TOW EP	
				275.70	97.0 EP	
				275.9	104.0	
				275.8	115.0	

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STATION	B. S.	H. I.	F. S.	ELEV.	Corrections-Reduced Figures	Fig. 136 Topographic Notes
3+00						R
				259.81		55.2 BCWLFL
				275.84		91.3 TCWLFR
				275.93		101.3 FR
				274.8		115.0 Bottom
				275.11		115.0 Top
				259.83	50.L BCWLFL	
				275.64	86.6 TCWLFP	
				275.78	96.2 FP	
				275.9	130.0	
3+50						R
				259.82		56.4 BCWLFL
				272.65		85.2 Top Curb
				274.46		91.0 Top Slope FP
				274.73		101.0 FP
				274.4		115.0 Bottom
				275.11		130.0 Top
				259.95	53.0 BCWL	
				275.23	87.1 TCWLFR	
				275.48	97.0 FR	
				275.6	110.0	

Profile Notes Red ____ Plotted ____ Job No. 2809.00 Division No. ____
No. ____ Date ____ Date ____ Survey of ____ Notes ____ Date ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Date 12-64
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3604 Pg. 20K

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264.31

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F. B. 2804 Pg. 208

Profile No. ____ X-Sec. No. ____

Job No. 8002.00 Division No. ____ Notes Red ____ Plotted ____

Survey of R.T.D. Rel. Hwy. Date ____ Date ____ Date ____

Survey by HH Notes HH Notes Chk'd. ____ Checked ____

Indexed C. J. GALLI Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	Rio Hondo Channel to Lincoln Pg. 136 From South to North	
4+00.00 POT						
Fd. Conc. Flow Pg. 136				260.11		55.3 BCW FL
				274.41		28.5 TCW FR
				274.71		13.0 EP
				274.5		102.7 Bot Wall
				275.10		102.7 Top Wall
			— End Channel Xsections —			
			Santa Anita Ave Rt Xsections Pg 137			
			From South to North			
1+00.00 POT						
Fd. 1X2N Pg. 137				26185		1.90 TC
				26134		1.90 BC
				26195	14.25 TC	
				26142	14.25 BC	
				266.84	49.25 BC	
				267.47	49.25 TC	
				26662	56.25 BK Wall K	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	Sample Analysis Page 18 & Xsections Page 27 From Sample to Nearby	
1450				266 9		
				26669		5.25 TC
				26616		" BC
				26542		40.30 BC
				26605		" TC
				26619		47.30 BK WALK Bot
				27567		47.30 Top Wall
				27491		48.10 Bot Wall
				274.00		53.1 Ft. Dk.
				27510		56.1 Edge Dk.
				275 2		66.0
				28 3		74.0
				282 1		95.0
				266 28	10.20 TC	
				266 28	10.20 BC	
				265 54	45.20 BC	
				266 17	45.20 TC	
				266 03	52.80 DK. WALK	

Profile Notes Red ____ Plotted ____ Job No. 3809.00 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D. PRELIM.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by H.H.S. Notes H.H.S. Date 11-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3804 Pg. 109

76-L-298 CE 307 5-66

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F. B. 3804 PG. 210

Job No. 2209 Loc. Division No. Profile No.
Survey of R. T. D. PRELIM. Notes Red Plotted
Survey by H. H. S. Notes Chk'd. Date Date X-Sec. No.
Indexed C. J. GALLI Date Date Checked Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	South Fremont Ave. 1½ Miles South of Rosemead Blvd.	Pacific Tem[illegible]
2400				2658		3
				2657.8		7.38 TC
				2652.8		" BC
				2645.4		42.48 BC
				2651.6		" TC
				2652.0		49.48 BK WALK Bot Wall
				2658.7		" Top Wall
				2751.8		Bot Wall
				2742.5		50.3 Edge Ditch
				2752.5		53.3 F.L. Ditch
				2760		56.3 Edge Ditch
				2800		66.0
				2822.2		74.0
				2863.8		99.0
				2658.3		130.0
				2653.1	8.60 TC	
				2641.0	8.60 BC	
				2652.6	42.23 BC	
				2654.6	42.23 TC	
					50.23 BK WALK	

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STATION	B. S.	H. I.	F. S.	ELEV.	Sewer Manhole Rim Elevation Cover	Grade From Sewer Manhole
2+25.00	POT			26554		
Fd. 1 X 2 N	Pg. 137			26533		7.93 TC
				26484		7.93 BC
				26539	8.00 TC	
				26492	8.00 BC	
2+50				26571		
				26495		8.23 TC
				26445		" BC
				26382		43.25 BC
				26414		" TC
				26459		50.25 BRWALK
				275.8		" TC
				276.0		51.0 Bot Wall Edge Ditch
				274.6		54.0 FL. Ditch
				275.5		57.0 Edge Ditch
				276.2		57.0
				280.5		74.0
				282.2		99.0
				283.4		125.0
				26505	7.68 TC	
				26454	" BC	
				26379	42.80 BC	
				26443	" TC	
				26458	49.40 BRWALK	

Profile Notes Red ____ Plotted ____ Job No. 38 Division No. ____
No. ____ Date ____ Date ____ Survey of R. T. D. PRELIMINARY
X-Sec. Notes Chk'd ____ Checked ____ Survey by HUNTSPRINGER Notes M.M.S. Date 12-69
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F. B. 38 09 PG. 211

76-L-298 CE 307 5-66

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F. B. 3804 Pg. 212 | Job No. 0807.00 PRELIM. | Division No. | Notes Red | Plotted | Profile No.

Survey of R.T.D. | Date | Date | X-Sec. No.

Survey by H.H.S. | Notes H.H.S. | Notes Chk'd. | Checked

Indexed G. J. GALLI | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	[illegible]	[illegible]
3+00				2646		TR
				~~2644~~		
				26372		2.00 TC
				26379		" BC
				26391		43.05 BC
				26406		" TC
				27585		50.05 BK Wall Pot
				26455	7.55 TC	50.05 Top Wall
				26401	" BC	
				26333	42.65 BC	
				26393	" TC	
3+29.22 POT Pg. 137 Fd 5m Dist Sp K'n Left in Conc Sidewalk				2643.1		TR
				End Survey Division [illegible] Verifications		

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	XSECTIONS - T LINE	
37+17.0				275.5		T
				279.3		8.0
				280.8		32.0
				283.0		75.0
				285.0		125.0
				274.6	15.0	
37+26.0				279.2		T
				282.1		50.0
				284.0		100.0
				275.3	7.0	
				274.1	22.0	

Profile Notes Red ____ Plotted ____ Job No. 08 Pine Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D. PRELIM.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by H.H. STRICK Notes H.H. S. Date 12-6-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F. B. 3804 PG. 21

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STATION	B. S.	H. I.	F. S.	ELEV.		
37+53.71	PT.					
Fd. 1" IP Cont. Plug						
a LACO Mon. A9						
37+75				279.9		
				281.2		25.0
				281.9		50.0
				282.8		75.—
				282.9		100.—
				279.0	27.0	
				274.1	37.0	
				274.0	43.0	Trestle-Ground level
38+23.0				282.8		
				283.5		25.0
				284.0		50.0
				284.1		75.0
				275.5	14.0	
				275.4	32.0	Trestle-Ground level

F. B. 3804 PG. 214

Survey of E.T.D. PRELIM. Job No. 0809.00 Division No.
Survey by H.H. STEELE Notes H.H.S. Plotted Notes Red Profile
Indexed C.J. GALLI Date Date Date No.
Date Checked Notes Chk'd. X-Sec.
Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
38+50				276.3		
				283.1		14.0
				283.6		25.0
				284.1		50.0
				284.1		75.0
				275.2	10.0	
				276.1	35.0 Ground Level (Trestle)	
39+00				274.5		
				275.9		9.0
				280.7		19.0
				283.4		35.0
				283.4		50.0
				283.7		75.0
				275.0	30.0 Ground Level (Trestle)	
T.P. Set				287.14		

Profile Notes Red ____ Plotted ____ Job No. 8829.00 Division No. ____
No. ____ Date ____ Date ____ Survey of F.T.D. PRELIM.
X-Sec. Notes Chk'd ____ Checked ____ Survey by H.H.S. Spring Notes H.H.S. Date 12-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F.B. 3804 PG. 215

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F. B. 3804 Pg. 216

Job No. 8808.00 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of R.T.D. PRELIM. Date ____ No. ____ X-Sec. ____

Survey by H.H. SPRIGGS Notes H.H.S. Notes Chk'd. ____ Checked ____

Indexed C.J. GALLI Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
39430.0				2358		
				2311		26.0
				2332		36.0
				2340		50.0
				2332		100.0
				2266	276.0 Ground level - Trestle	
39450				2372		
39475				2328		
				2316		9.0
				2313		11.0
				2328		15.0
				2320		50.0
				2321		100.0
				2309	13.0	
				2323	23.0 Edge to first	
39478.84				2310.84	27.72 Top Sly Rail @ Switch	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
40+00				284.8		
				282.0		8.0
				281.6		16.0
				283.3		21.0
				283.6		31.5 Crown Pave
				280.4	10.0	
				280.6	21.0 Edge Base	
40+50				288.0		
				284.5		11.0
				283.8		20.0
				283.9		41.0 Fr. Dog house
				288.6	3.0	
				289.2	12.0 Face top	
40+56.81				291.03	19.28 Top Face	
40+86.97 KPT. Fd Co. Manc. Pg. 138				290.44		

Profile Notes Red ____ Plotted ____ Job No. 2807.00 Division No. ____
No. ____ Date ____ Date ____ Survey of RTD PRELIM.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by H.H. SPRINGS Notes H.H.S. Date 11-69
No. ____ Date ____ Date ____ Map No. ____ Indexed G.J. GALL Date ____

F.B. 3804 PG. 97

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F. B. 3804 Pg. 218

Job No. 8207.02 Division No. ____ Notes Red ____ Plotted ____ Profile No. ____

Survey of R.T.D. PRELIM. Date ____ Date ____ X-Sec. No. ____

Survey by H.H.S. Notes H.H.S. Notes Chk'd. ____ Checked ____

Indexed G. L. Gaill Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
41400				290.1	T	
				290.3		8.0
				288.0		22.0
				285.3		38.0
				[illegible]	3.0 Edge of Pavement	
				290.0	6.3 TR Spot	
				290.68	7.3 TR	
				[illegible]	11.1 TR	
				[illegible]	12.0 TR	
				291.13	16.5 T.R. M	
				291.15	21.5 T.R. M	
41+36.49				290.79	3.91 Top Rail Eng. Prop. Spur Tracks	
41+50				[illegible]	T	
				[illegible]		1.0 TR
				290.4		4.0
				296.3		10.0
				[illegible]		25.0
				[illegible]		35.0

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
41450				291 46	3.8 TR	SPUR
				291 50	5.6 TR	"
				290 50	10.2 TR	"
				291 20	17.3 TR	"
				291 20	24.5 TR	
42100				293 15		T
				291 15		5.1 TR SPUR
				290 21		9.3 TR
				289 6		15.2
				289 4		26.0
				289 2		40.0
				296 28	4.0 TR	
				296 21	8.6 TR	SPUR
				291 15	22.6 TR	
				291 40	24.3 TR	

Profile Notes Red ____ Plotted ____ Job No. 0280100 Division No. ____
No. ____ Date ____ Date ____ Survey of R.T.D. PRELIM Notes H.H.S. Date 12-69
X-Sec. Notes Chk'd. ____ Checked ____ Survey by H.H. SPRIGGS
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F. B. 3804 PG 71

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F. B. 3804 Pg. 22 d

Survey of R.T.D. PRELIM. Job No. 0808.00 Division No. ____ Notes Red ____ Plotted ____ Profile No. ____

Survey by H.H. SPRIGGS Notes H.H.S. Date ____ Date ____ X-Sec. No. ____

Indexed C.J. GALLI Date ____ Notes Chk'd. ____ Checked ____

Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
42450				290.37		
				290.38		1.59 TR
				[illegible]		1.65 TR
				[illegible]		2.00 Edge of Concrete
				290.93	2.3 TR	
				290.93	2.8 TR	
				290.95	4.0 TR	
				290.95	1.74 TR	
				290.[illegible]	15.0 [illegible]	
				291.47	2.54 TR	
				291.51	2.98 TR	
42+98.00				29[illegible]	3.40 TR [illegible]	
43400				[illegible]		
				290.01		1.5 TR
				290.4		4.5
				[illegible]		2.4 TR
				290.12		3.60 TR
				289.8		3.24 Bldg.

STATION	B. S.	H. I.	F. S.	ELEV.		
43+00				290.98	3.3 TR	
				291.10	8.2 TR	
				290.3	16.0	
				291.52	7.3 TR	
				291.60	3.0 TR	
43+50				290.3		
				290.82		3.9 TR
				290.62		7.8 TR
				292.2		16.0
				290.15		29.9 TR
				290.18		34.6 TR
				289.9		41.0 BR
				290.99	6.7 TR	
				291.03	11.4 TR	
				289.2	19.0 GROUND	
				290.6	25.0 EDGE	
				291.61	29.4 TR	
				291.62	34.1 TR	

Red ____ Plotted ____ Job No. 0A1900 Division No. ____

Date ____ Date ____ Survey of ____

Notes Chk'd ____ Checked ____ Survey by ____ Notes ____ Date ____

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3300 Pg. 41

F. B. 3804 Pg. 222 Job No. [illegible] Division No. [illegible] Notes Red. ____ Plotted ____

Survey of [illegible] Date ____ Date ____

Survey by ____ Notes [illegible] Notes Chk'd. ____ Checked ____

Indexed C. J. GALLI Date ____ Date ____ Date ____

400100						
				290.77		15.5 TR Spur
				290.72		30.8 TR
				290.1		40.0 Fracture
				291.04	12.8 TR Spur	
				291.08	17.6 TR	
				290.3	21.0 Fracture	
				[illegible]	36.0 Fracture	
				[illegible]	31.0 TR	
				[illegible]	35.9 TR	
[illegible] PCT 19.138						
BM-C-15				29205 BMC15	Elev 292.342	FB3801
				SPRR M Sly side of Fresno Mill E/o Sanger		
				[illegible]		