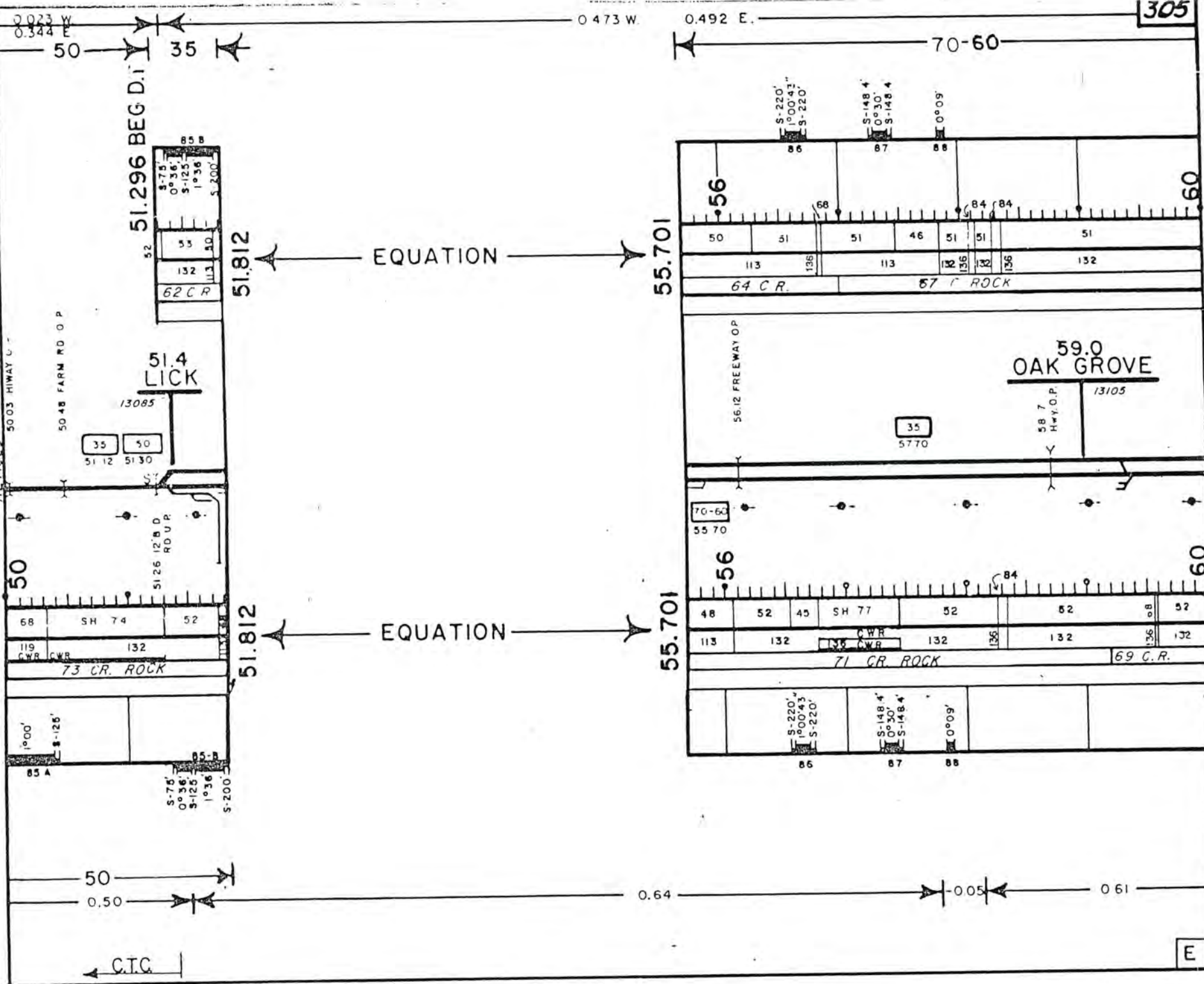


[illegible]

E

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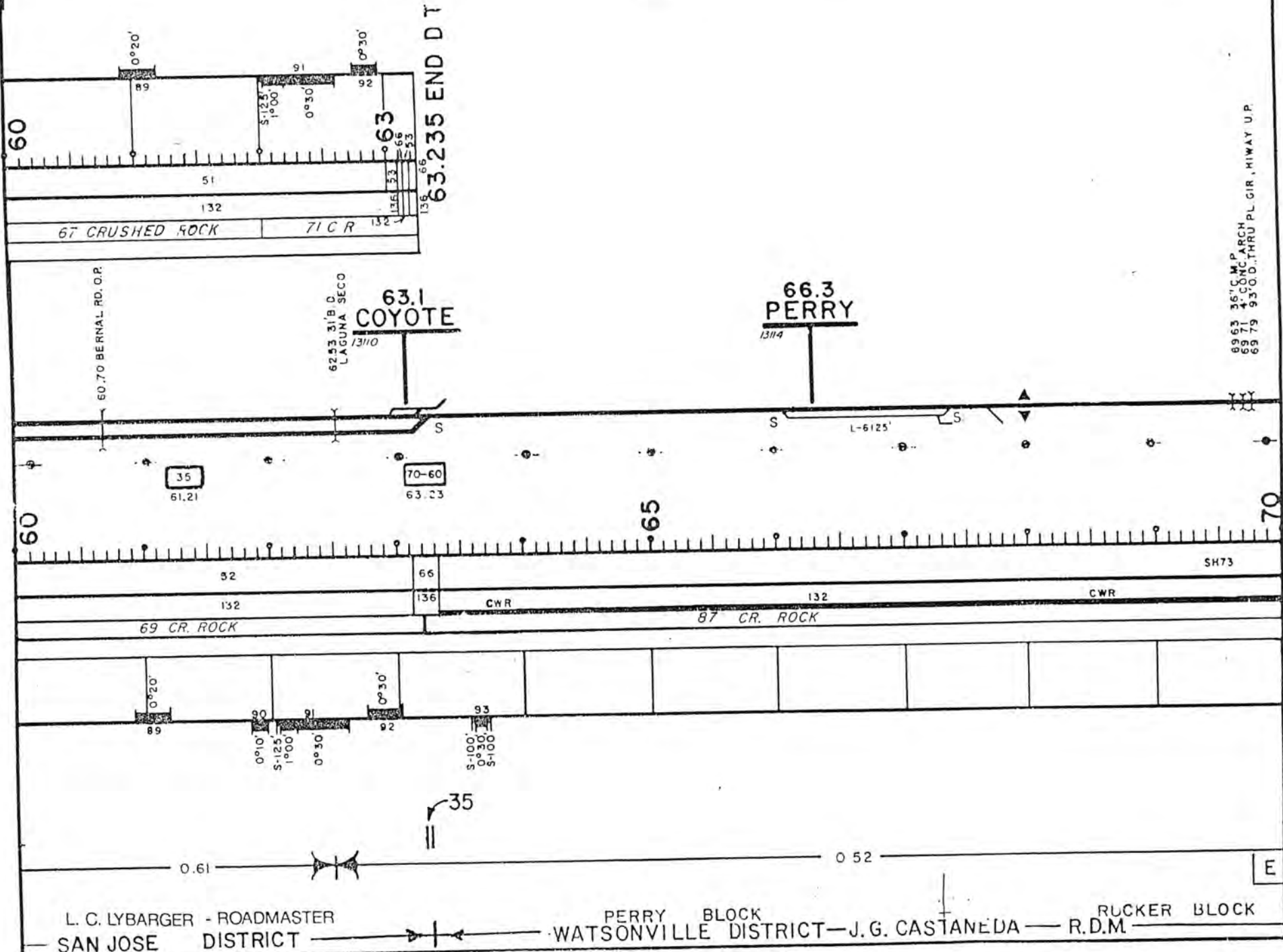


0.473 W

0.492 E

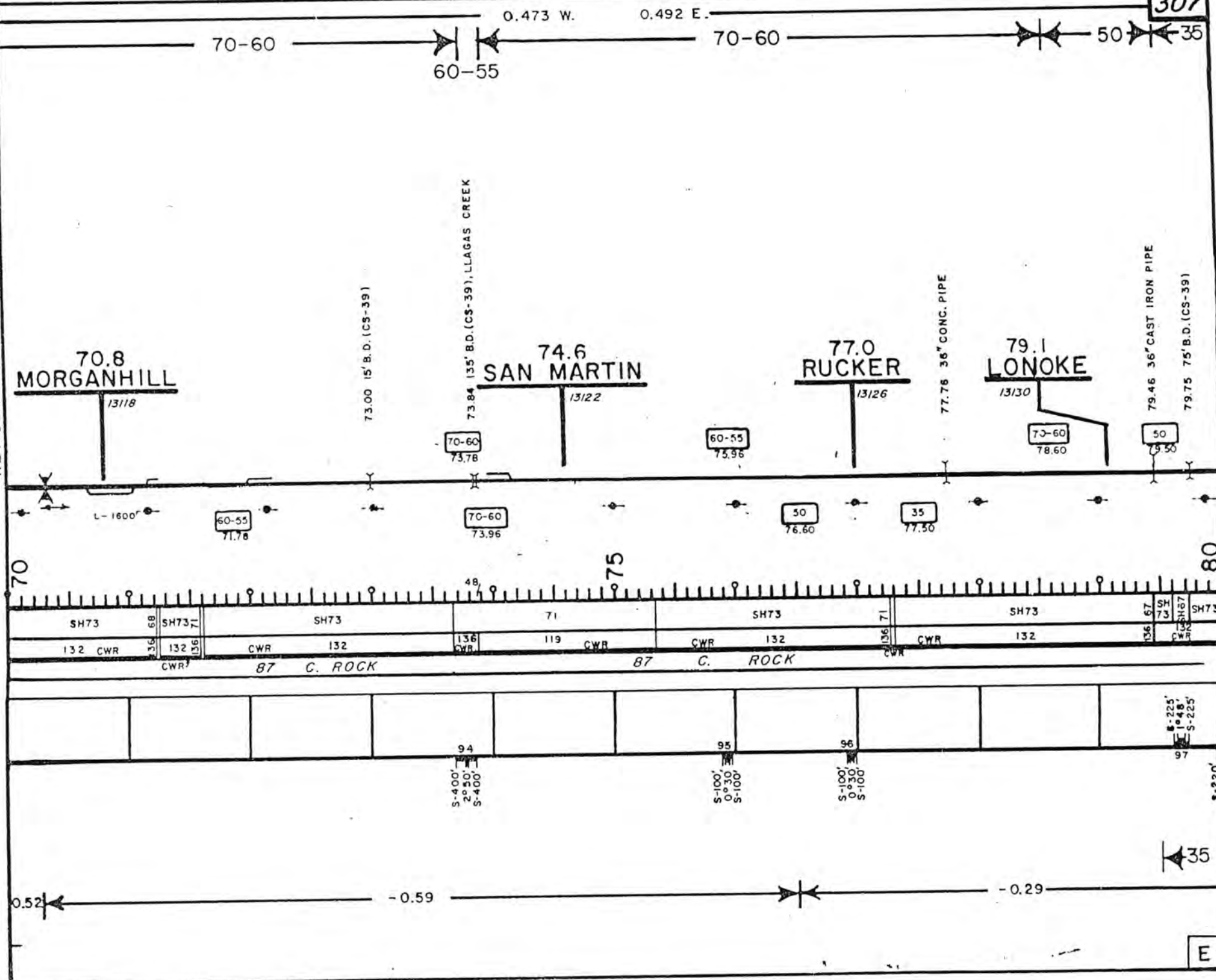
70-60

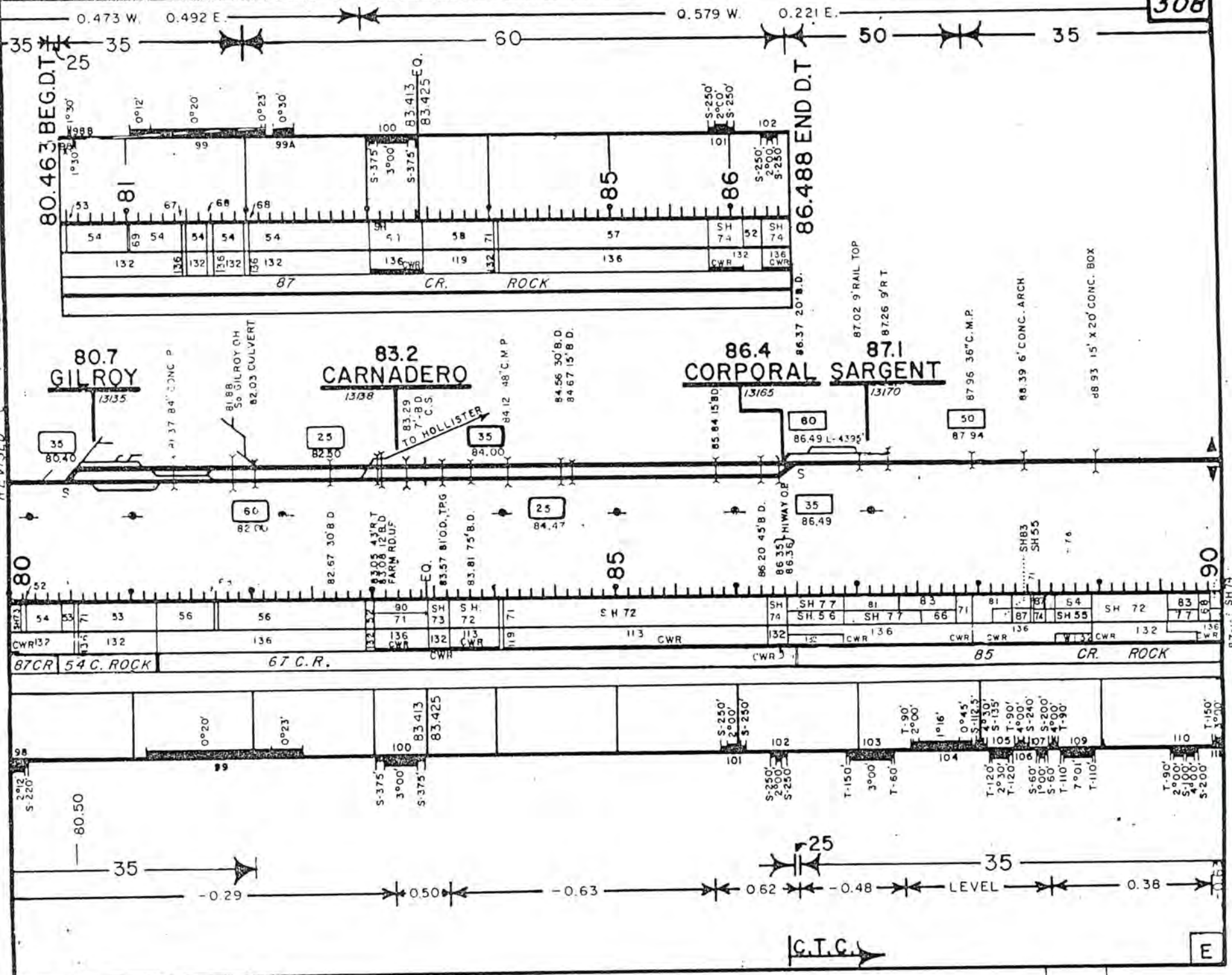
REVISED JAN 1, 1992



89.63 36" CONC. ARCH
69.71 4" CONC. ARCH
69.79 93" O.D. THRU PL GIR, HIWAY U.P.

E





NOTE: ELKHORN SLOUGH - MP. 103 TO 107 - DO NOT PERFORM ANY WORK SUCH AS FILLING TRETTLES IN THIS AREA WITHOUT A COMPLETE STUDY AND PLAN. THE MUD IN THIS SLOUGH IS VERY SOFT AND WEAK.

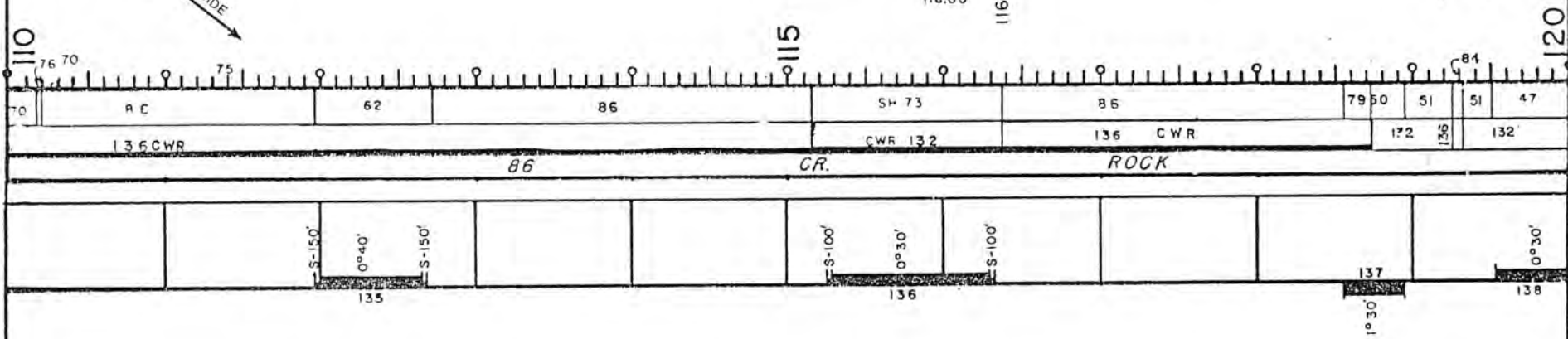
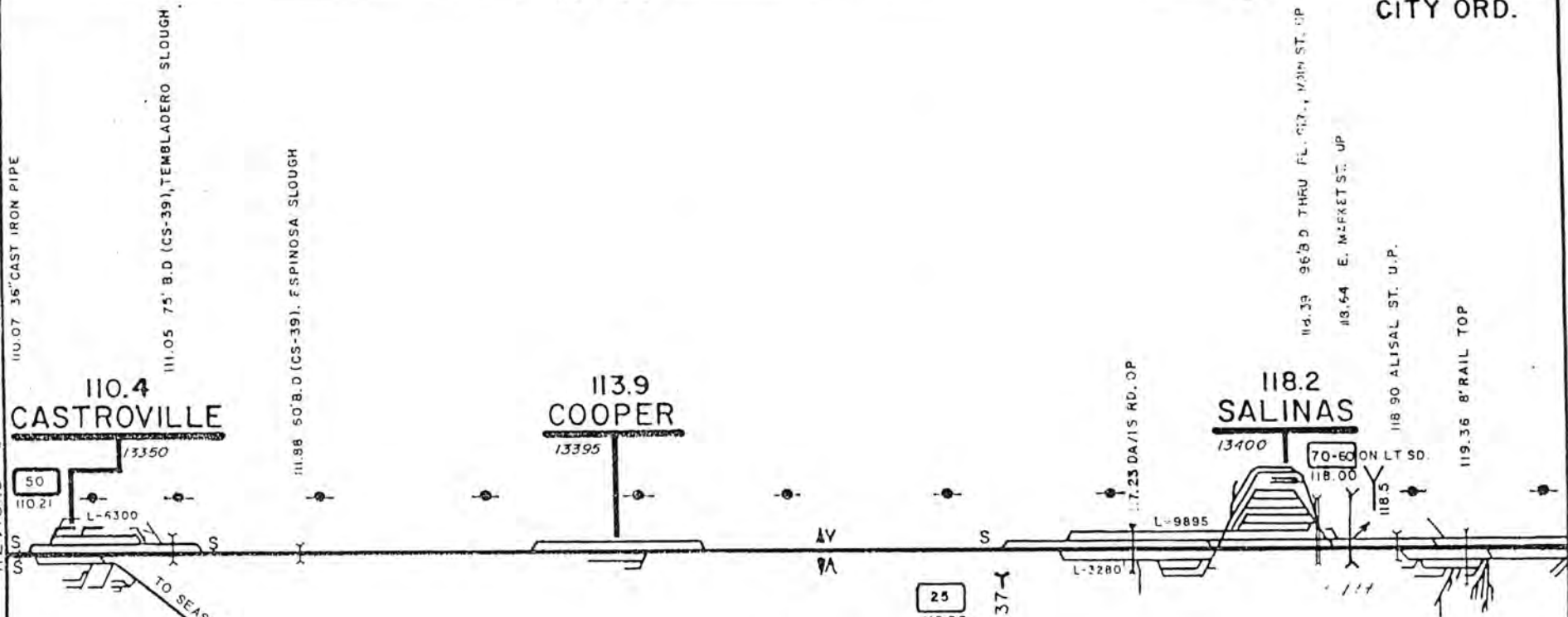
C.T.C.

E

0.399 W. 0.381 E. 0.119 W. 0.199 E. 311

25 CITY ORD.

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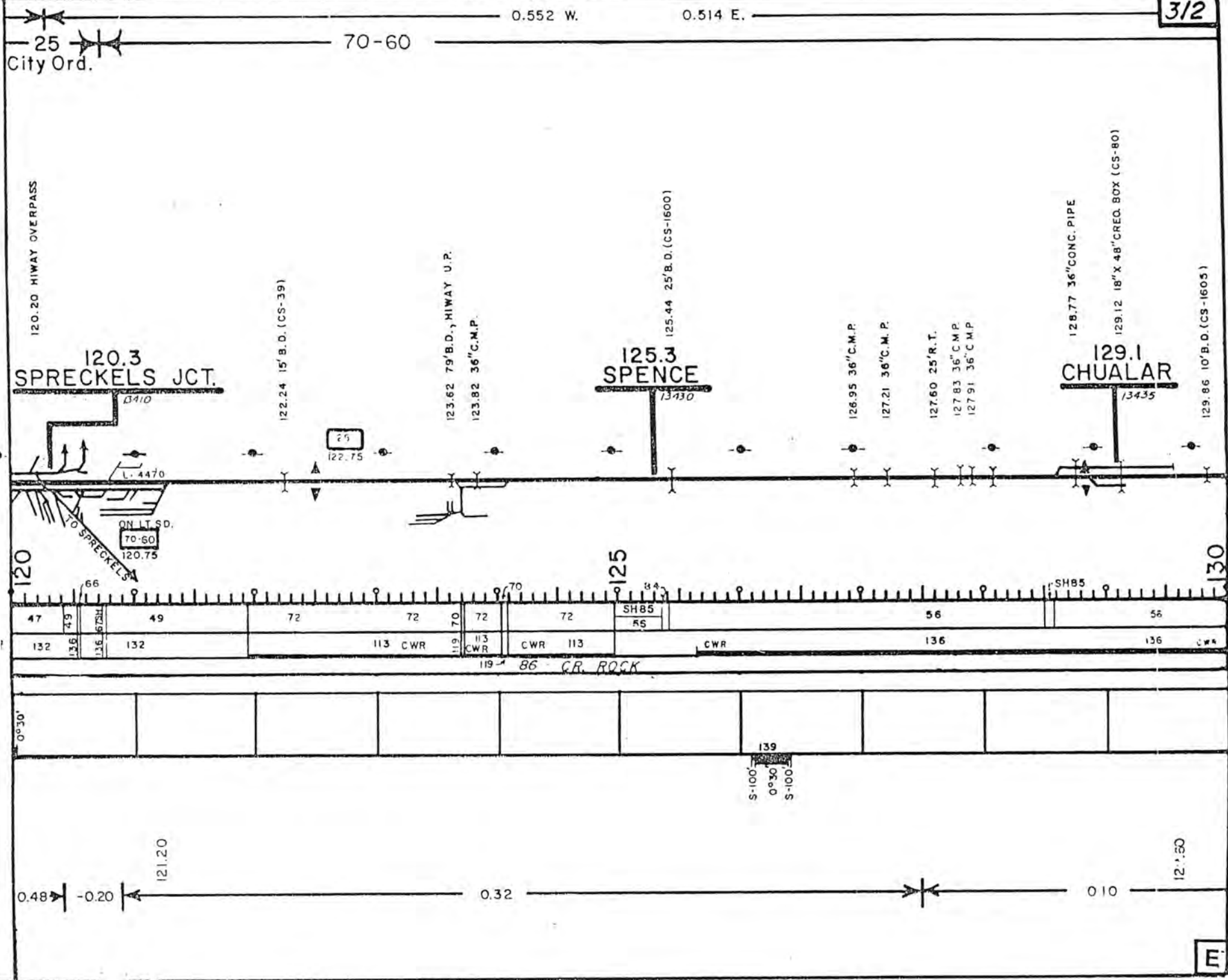


±0.50 0.20 WATSONVILLE DISTRICT— J.G. CASTANEDA — R.D.M.

C.T.C.

E

REVISED T: JAN 1, 1992



REVISED JAN 1, 1992

0.552 W.

0.514 E.

3/3

70 - 60

132.86 8' CONC ARCH

135.1
GONZALES

13445

135.45 1-36" C.M.P.

135.89 36" C.M.P.

137.21 42" C.M.P.

138.03 36" C.M.P.

138.46 2-36" C.M.P.

138.62 1-24" CONC. PIPE & 1-36" C.M.P.

138.8
MOLUS

13450

139.15 1-36" C.M.P. & 1-24" C.M.P.

L 7475

130

135

140

56

SH 86

SH 86

136 CWR

136 CWR

86

CR.

ROCK

0°10'

140

0°20'

141

0.10

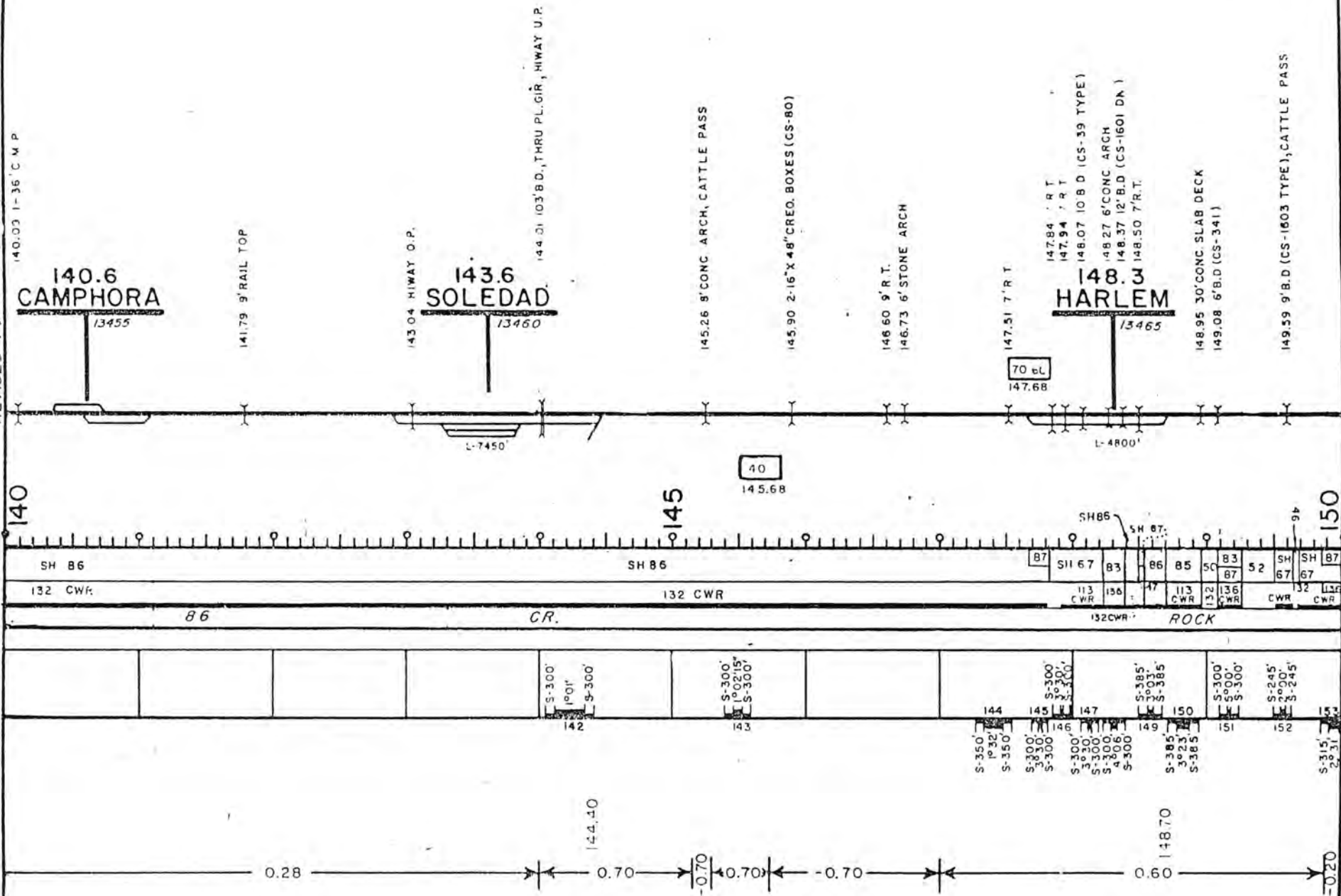
0.16

135.0

0.28

E

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314

E

REVISED TO JAN 1, 1992

40 50 65 60 70 - 60

0.552 W. 0.514 E.

152.53 210' B.D. (CS-1601), W. APP
3020 D.D., DK. PL. GIR., CHALONE CREEK
152.57 15' B.D. (CS-39)

152.3
METZ
13470

150.41 9' B.D. (CS-1603 TYPE)
150.99 18' B.D., FARM RD. U.P.
151.29 8' CREO. BOX (CS-80)
151.46 3' X 4' CREO. BOX (CS-66)
151.62 36" CAST IRON PIPE

154.19 2' X 3' CREO. BOX (CS-66)
154.40 18' B.D.
154.52 48" CAST IRON PIPE

155.18 48" CAST IRON PIPE
TUNNEL NO. 5-1/2 (CONC.)
155.59 9' RAIL TOP
155.74 9' R.T.
155.785 EQUATION

156.13 48" CAST IRON PIPE
156.42 2-48" C.M.P.
156.59 9' R.T.
157.24 2-18" X 44" CREO. BOX (CS-80)
157.52 18" X 48" CREO. BOX (CS-80)

B7
SH 67
CWR

150

155

160

50	67	50	64 72	SH 83	83	55	68	55	SH 55	55	SH 76	55	67	SH
55	55	50	86	86	90		SH 79		R 2				B 1	86
132	136	132	CWR	136	CWR	132	136	132	132	136	136	132	119	132
CWR	CWR						CWR		CWR		CWR		CWR	CWR

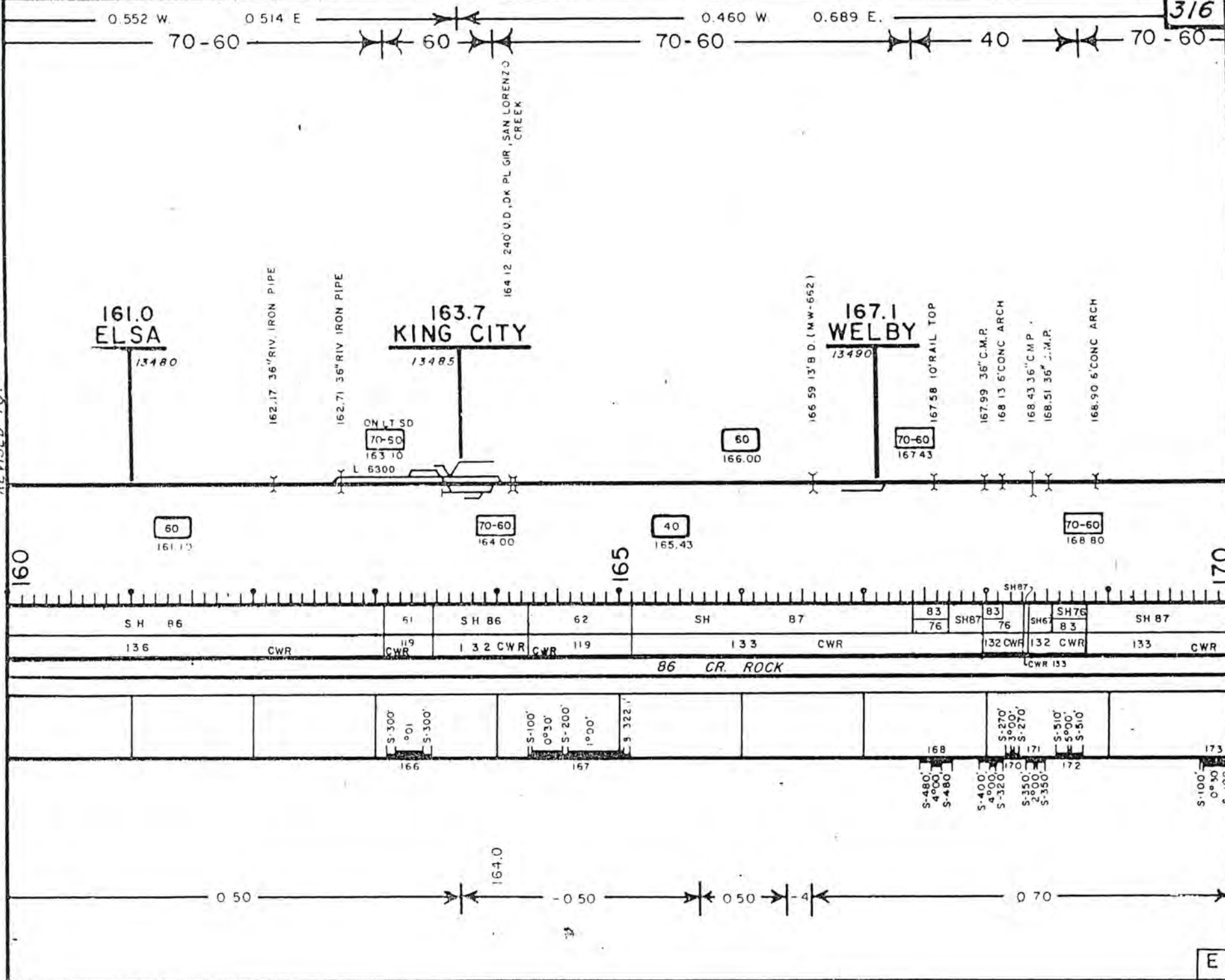
86 CR ROCK

86 CR ROCK

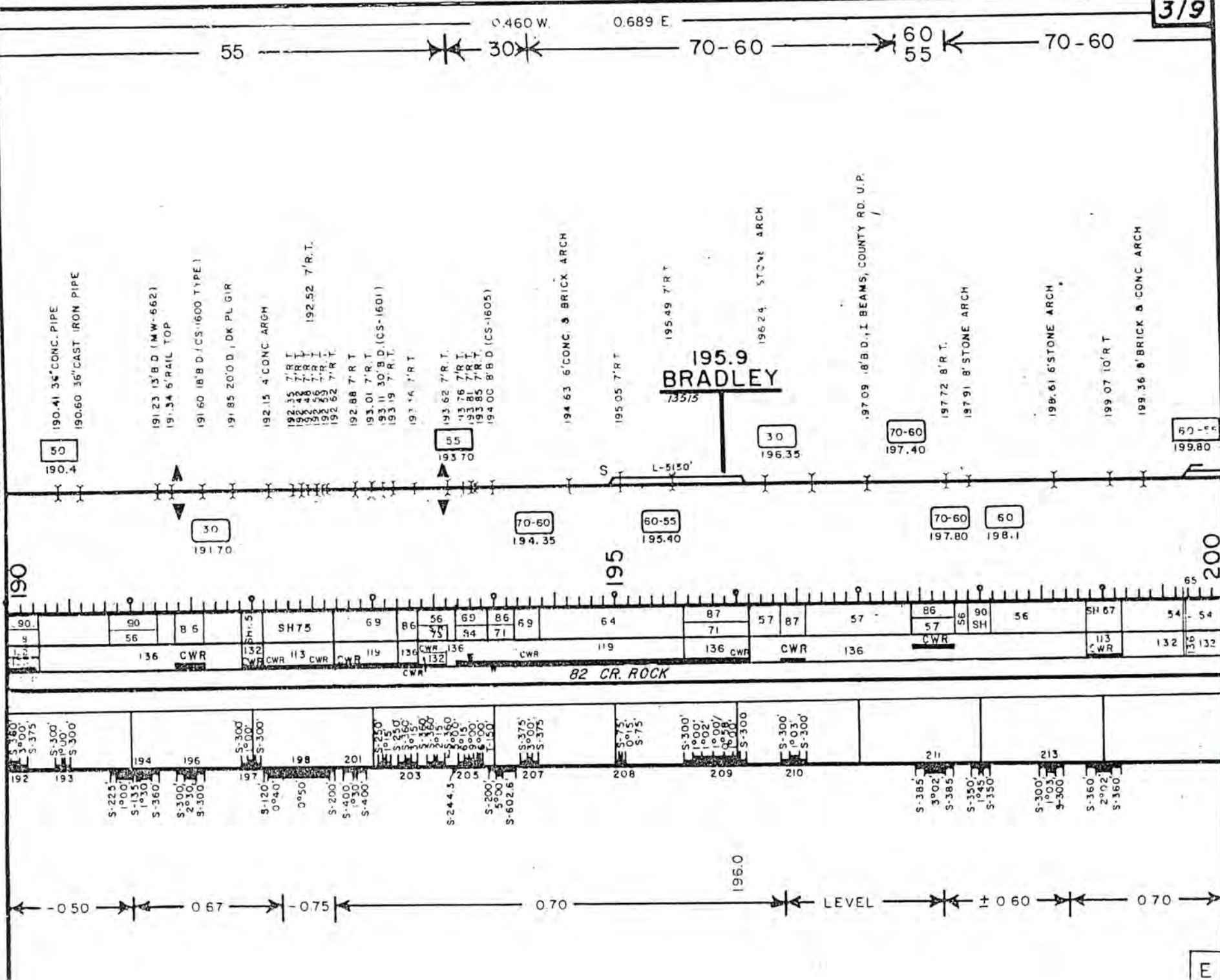
S-315' 154	S-385' 3'00" S-305'	S-480' 4'00" S-120' 2'00" S-360'	156	S-420' 3'00" S-420'	157	S-480' 4'00" S-480'	158	S-615' 5'00" S-500'	159	S-380' 2'00" S-380'	160	S-208.2' 2'00" S-196.7'	161	S-360' 1'54" S-360'	162	S-316' 2'00" S-316'	163	S-200' 1'05" S-200'	164	S-200' 1'06" S-200'	165	S-100' 0'30" S-100'
---------------	---------------------------	--	-----	---------------------------	-----	---------------------------	-----	---------------------------	-----	---------------------------	-----	-------------------------------	-----	---------------------------	-----	---------------------------	-----	---------------------------	-----	---------------------------	-----	---------------------------

0.70 -0.13 0.30 -0.50 0.50 -0.40 0.50

REVISED TO: JAN 1, 1992



E



E

210

60

- 40

13530

210.65 4' CONC. ARCH
210.84 9' B.D. (CS-1600 TYPE)

211.25 8' STONE ARCH

212.04 36" CAST IRON PIPE

212.66 20'B.D (CE-18225), RD. U.P.

THIS IS 6' CONCR. BRICK ARCH

213 69 6' CONC. & BRICK ARCH

214.65 48" CONC. PIPE
214.06 5' 214.08 HIWAY OVERPASSES

215.09 24 TH. STREET O.P.
215.21 4' CONC. ARCH
215.33 9' RAIL TOP

13535

215.66 7'R.T.
215.70 36" CONC. PIPE
215.79 36" C.M.P.

216.03 7'R.T.

216.59 20' B.D. (CS-369), 3RD. ST. U.P.

216.92 HIWAY O.P.
216.97 HIWAY O.P.
217.06 60°C.M.P.
ST IRON PIPE

217.67 7'R.T.

218.03 7' R.T.

218.22 8'R.T.
218.29 7'R.T.

218.60 8' CONC ARCH

219-49 6' STONE & CONC. ARCH

219.80 9 R.T.

60

50

40

60

87	69	59	71	86	SH50	SH50	42	86	54	SH54	SH54	54	CWR 55	54	54	53	51	54	66	54	SH77	86	SH77	38	SH	54	76	86	54	58	77
SH50			49	87	95	42		54	SH54	SH54	54	43		54		85	SH	76		90	71	90		82	90	49		64			
CWR		119			136	CWR	132	136	CWR	CWR	132	132		132		136			136	CWR	136		112	119	CWR	136	136		136	136	

82 CR. ROCK

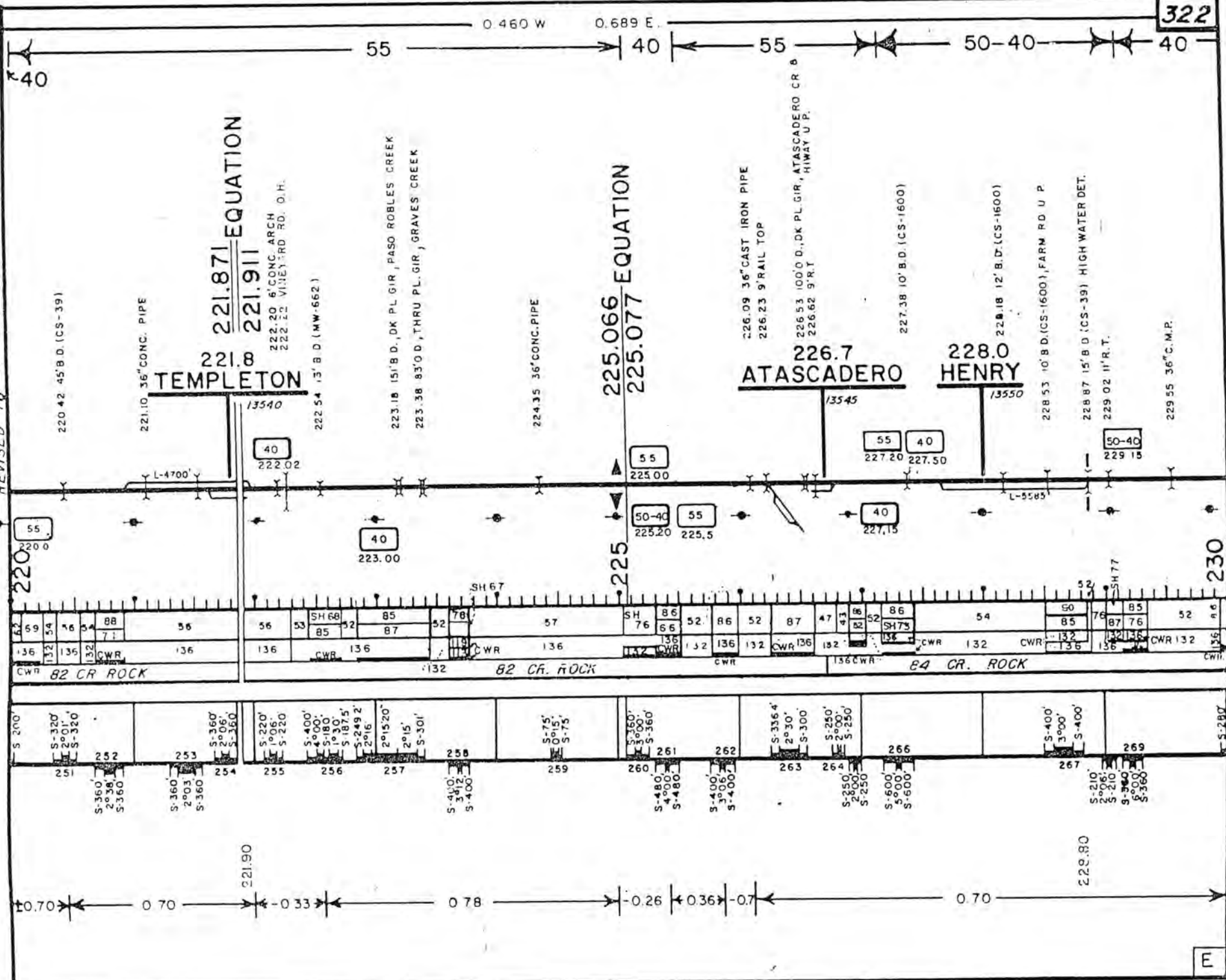
C.R.

Diagram showing a cross-section of a road or canal bed with various elevations and distances. The diagram is divided into sections labeled 230 through 250. Elevations are given in feet and inches (e.g., 3'300', 3'350', 3'225'). Distances are given in feet (e.g., 230', 231', 232'). The diagram shows a series of steps or terraces, with the highest point on the left and the lowest point on the right. The elevations generally decrease from left to right, with some fluctuations. The distances between the sections are also indicated.

0.63 → | -0.60 ← | 0.58 → | ±0.32 ← | 0.70 → | -0.70 ← | 0.66 → | ±0.59 ← | ±0.70

E

REVISED TO JAN 1, 1992



322

230

E

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330.03 20' B.D. RD U.P.

230.822 EQ.
230.841

230.60 9' B.D. (CS-1600)

231.46 6' CONC. ARCH

231.75 18' B.D. (CS-1601 TYPE)

232.30 103' O.D. THRU RIV SPANS, SANTA MARGARITA

233.70 13' RAIL TOP

234.03 13' R.T.

234.19 13' R.T.

234.39 13' R.T.
234.47 3-17" X 48" CREO. BOXES (CS-80)
234.54 3-17" X 48" CREO. BOXES (CS-80)
234.62 13' R.T.
234.72 13' R.T.
234.83 9' RAIL TOP
234.95 13' R.T.

235.14 13' R.T. (CS-39)
235.22 45' B.D. (CS-39)

235.45 11' R.T.

235.67 15' B.D. (CS-39)

236.18 15' R.T.

236.41 15' B.D. (CS-1601)

236.58 4' STONE ARCH
236.60 DRAGGING ARCH
236.70 4' STONE ARCH

236.92 4' STONE ARCH

237.14 11' R.T.

237.38 6' STONE ARCH
237.44 4' STONE ARCH
237.55 15' B.D. (CS-39)

237.72 4' STONE ARCH

237.94 4' STONE ARCH

238.12 35" C.M.P.
238.15 11' R.T.

238.38 11' R.T.

238.60 11' R.T.

238.76 10' B.D. (CS-39)

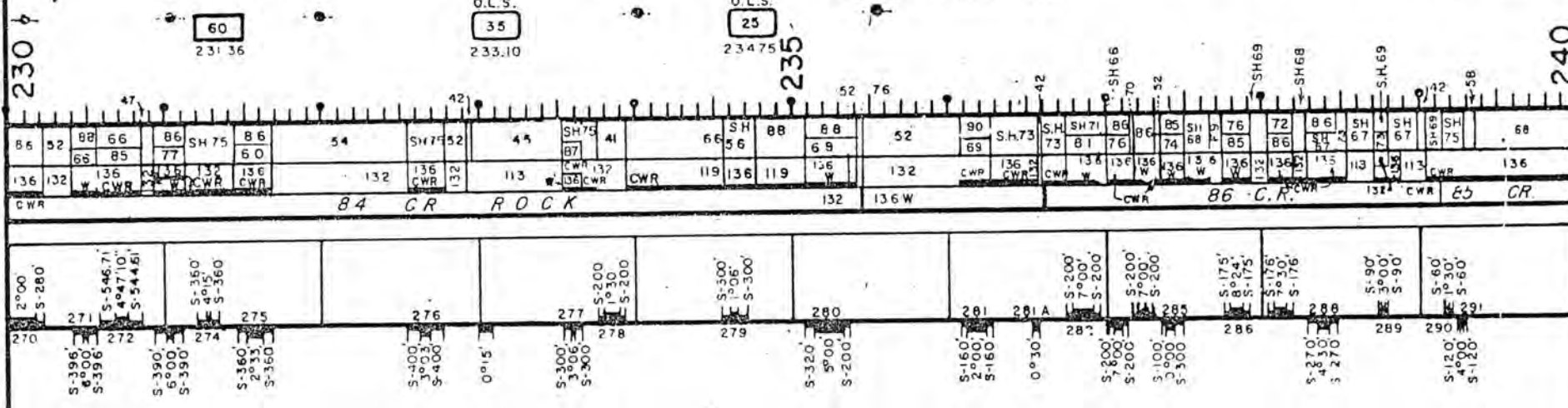
238.99 18' B.D.
239.01 HIWAY OVERPASS

235.5
SANTA MARGARITA

238.9
CUESTA

TUNNEL NO 6 (CONC.)

240



WESTERN DIVISION

LOS ANGELES DIVISION

0.74

-0.20

0.70

2.20

-2.2

C.T.C.

E

32 42

240.11
TUNNEL NO. 7 (70% CONC., 64.5" TIMBER)
35.1
240.37 240.39 5" STONE ARCH
240.62 TUNNEL NO. 8 (66% CONC., 41.5" TIMBER)
240.71
240.87 TUNNEL NO. 9 (CONC.)
240.86
240.96

241.929 EQUATION 241.94 7' RAIL TOP
241.877 241.95 70' X 38" C.M.P. ARCH

242.18 7'R.T.
242.29 4'STONE & CONC ARCH
242.49 9'RAIL TOP
242.58 7'R.T.
242.65 7'R.T.

SE 13570

243.17 11' R.T.
243.32 4' STONE ARCH
243.47 4' STONE ARCH
243.52 4' STONE ARCH

243.87 IIR.T.

243.4
SERRANO

244.00 6' STONE ARCH
244.11 4' STONE ARCH
244.18 6' STONE ARCH
244.29 10' STONE ARCH, STEINER CREEK

34458 6'STONE ARCH

244 B2 4' STONE ARCH

24515 4'STONE ARCH

245.28 4' STONE ARCH

245 53 4'STONE ARCH

245.81 4' STONE ARCH
TUNNEL NO. 11 (50' CONC. 673' TIMBER)

246.3
CHORRO

248.0
GOLDTREE

247.59 4' STONE B CONC. ARCH
247.73 4' STONE ARCH

248.06 4' STONE ARCH

248.21 4 STONE & CONCRETE
149 14 931' 00 OK PL GIR. STEINER CREEK

1. STONE ARCH

249 99 11'R.T.

249.09 6' STONE ARCH
349.15 10' R.I.

2" STONE & CONC ARCH

29.40 6 STONE & CONCRETE

249.67 65STONE
249.70 18:00

BRITZIGLARI CK RD U.P.

2.2 W. 2.2 E

25

324

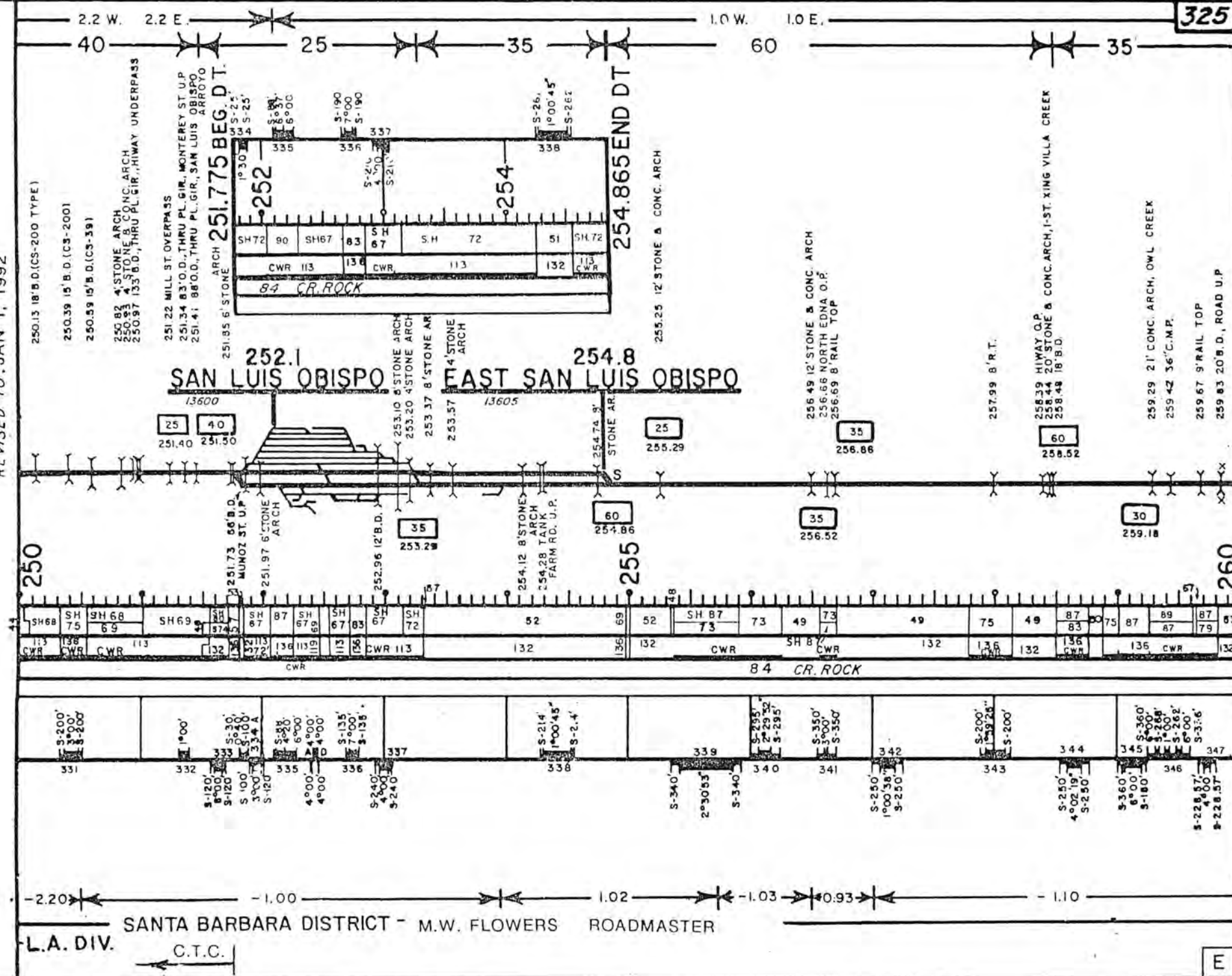
-4C

245

250

WESTERN DIV.
LOS ANGELES DIV. -

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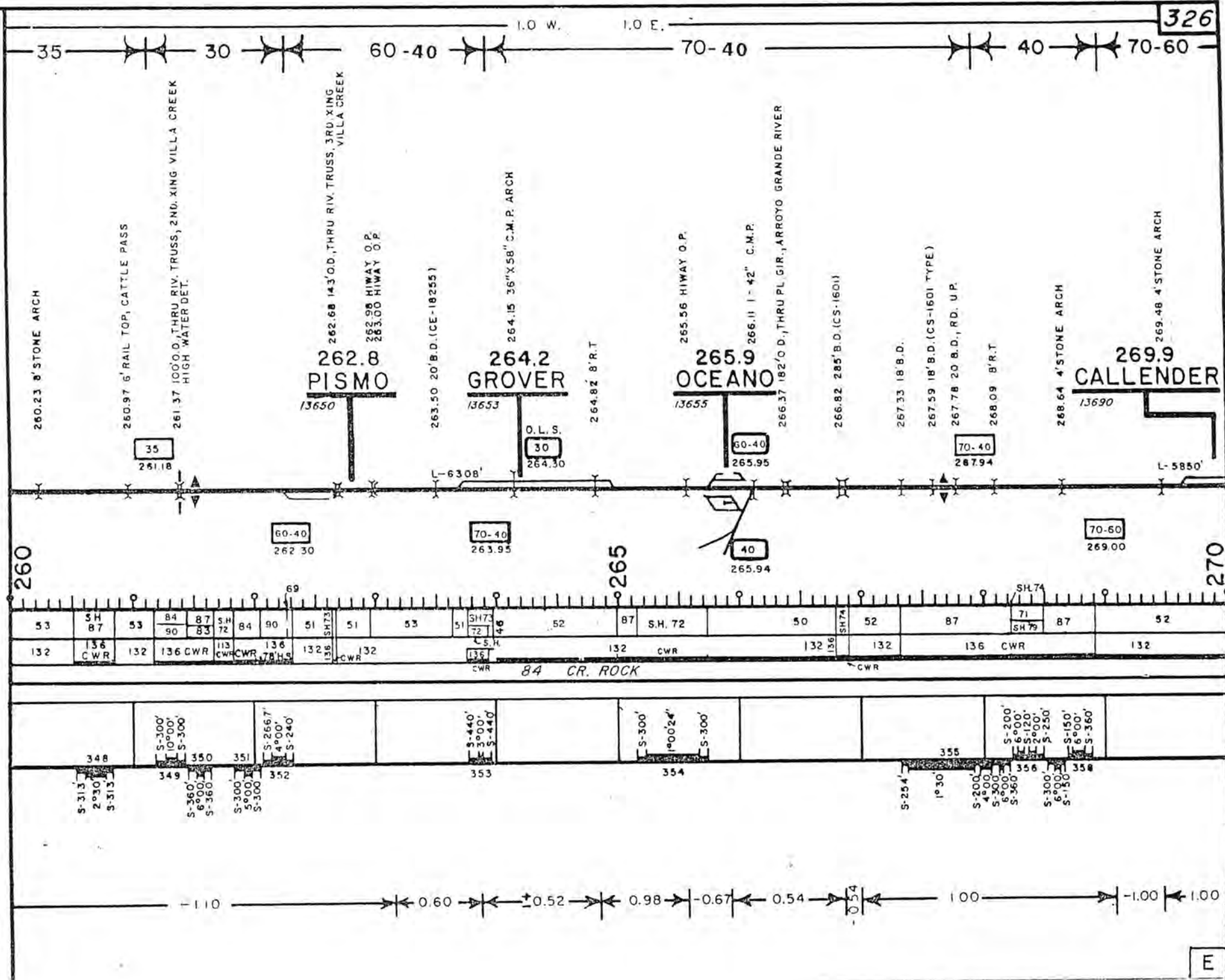


SANTA BARBARA DISTRICT - M.W. FLOWERS ROADMASTER

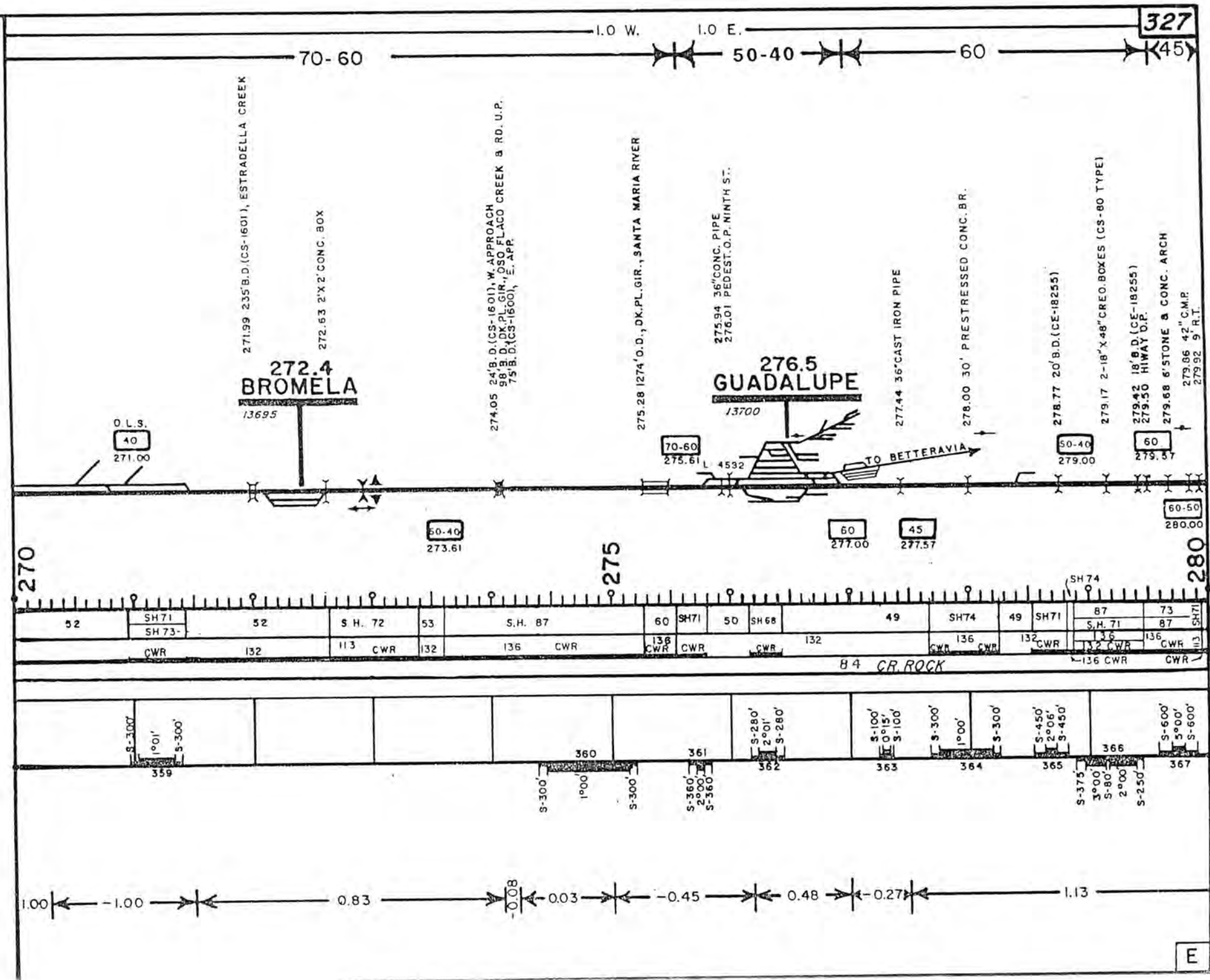
L.A. DIV.

C.T.C.

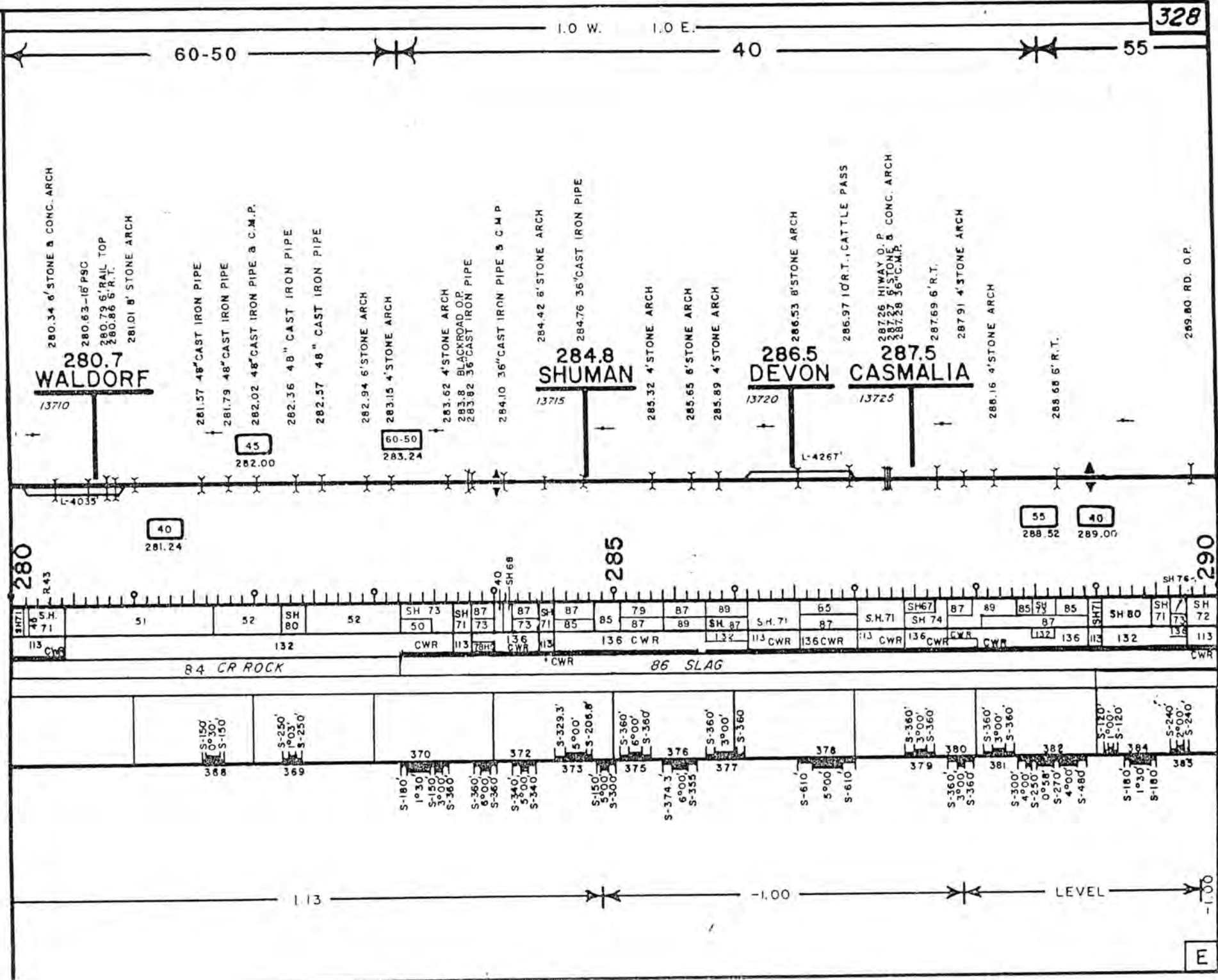
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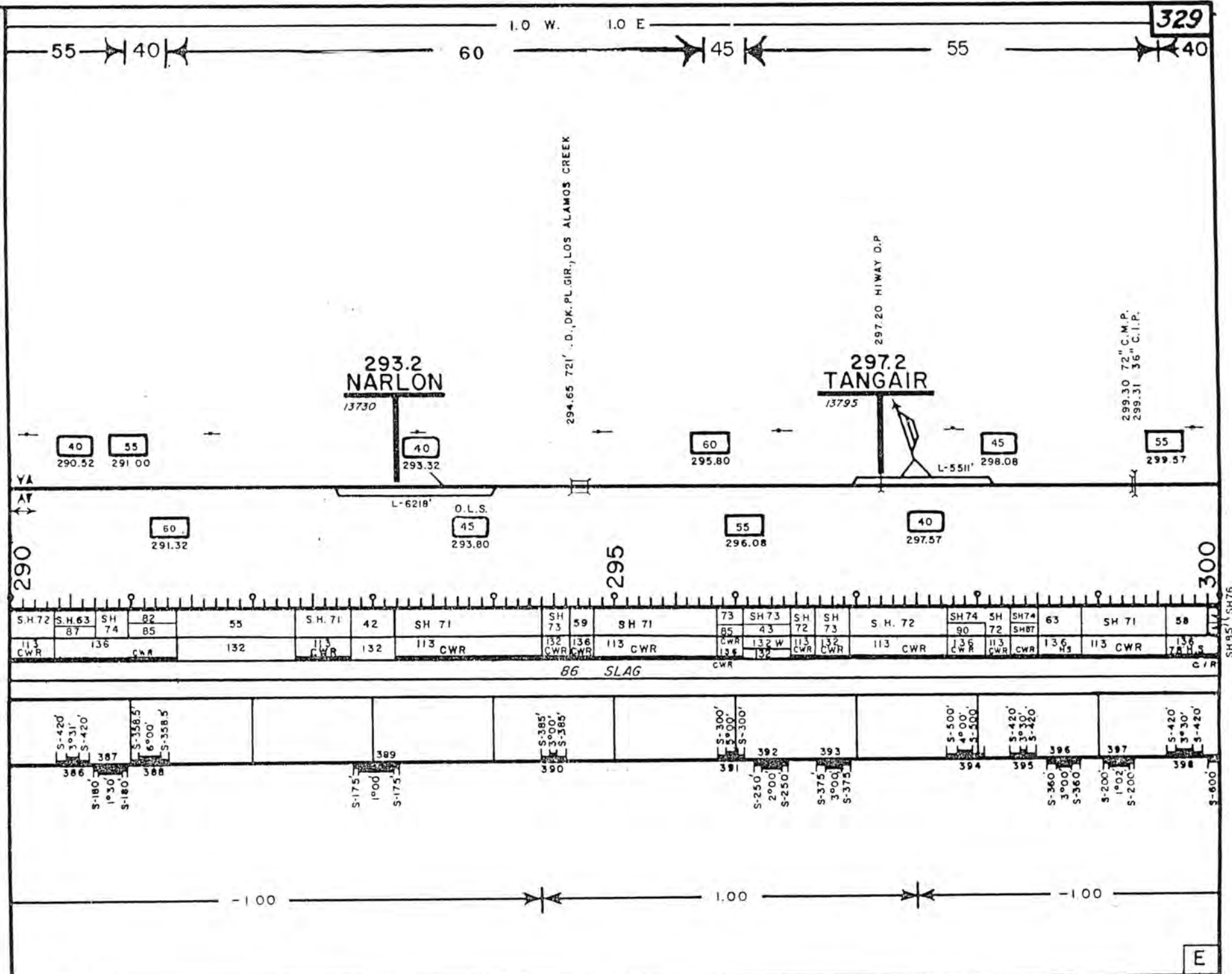


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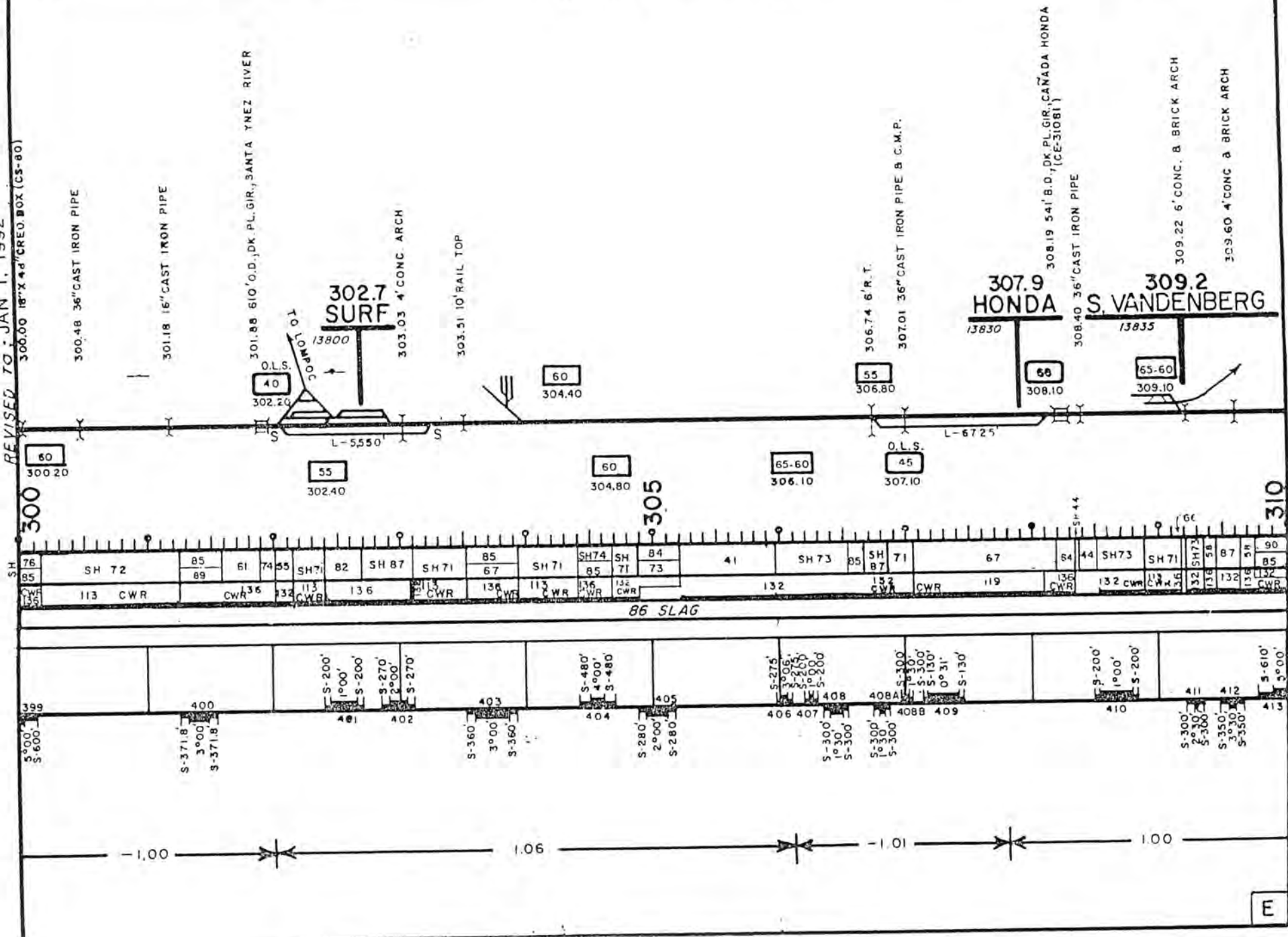


REVISED TO JAN 1, 1992

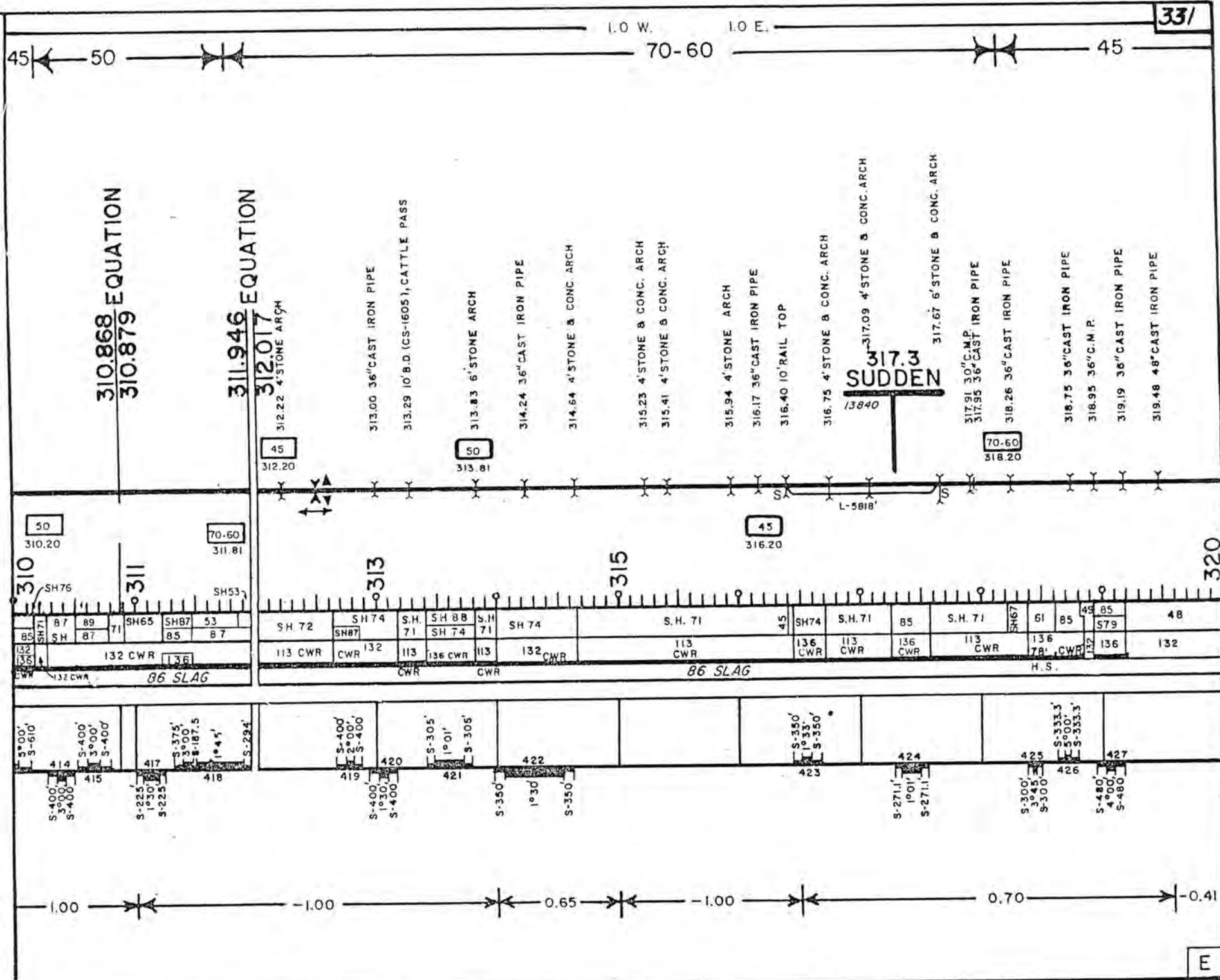




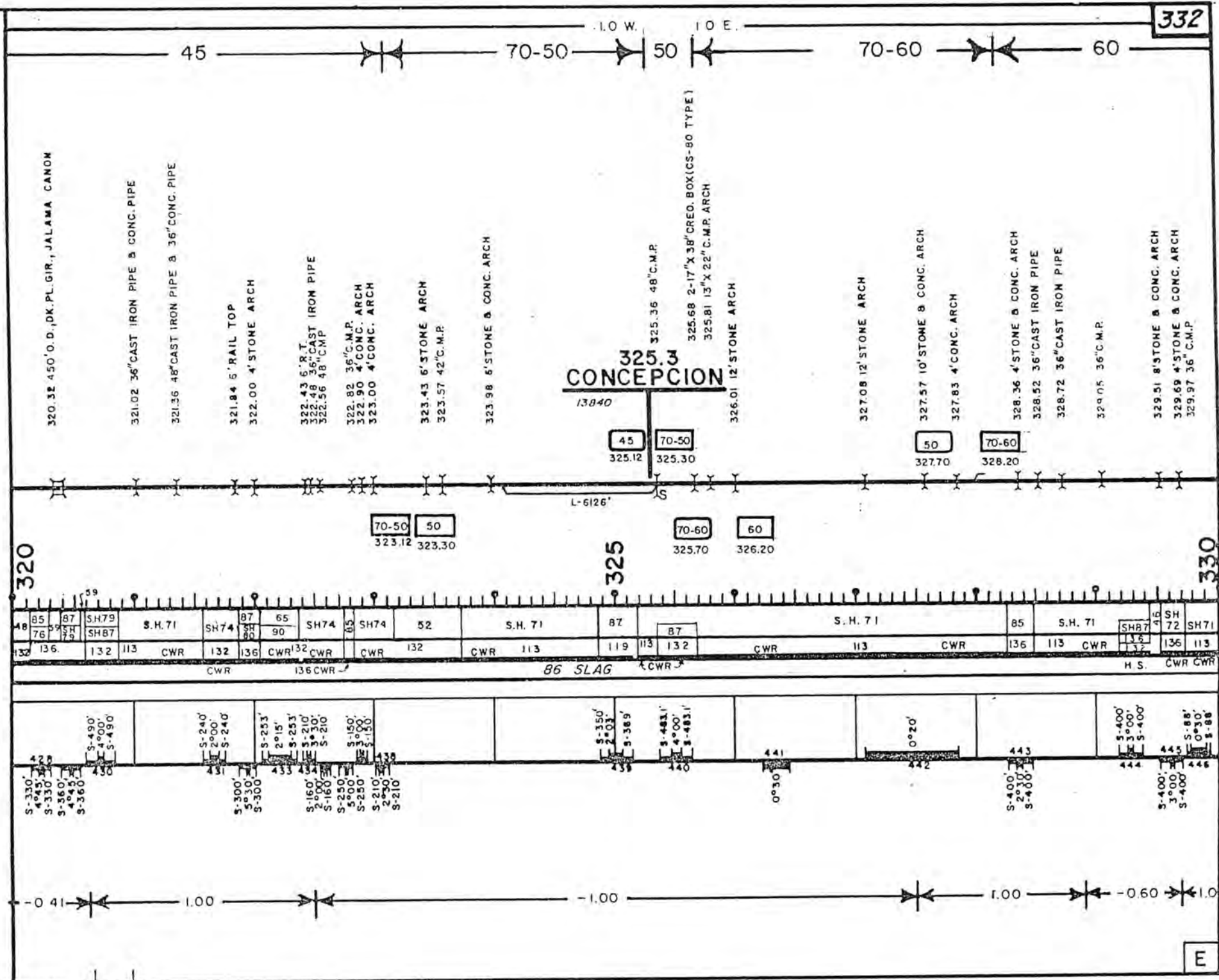
REVISED TO: JAN 1, 1992
300.00 18"X48" CREO. BOX (CS-80)



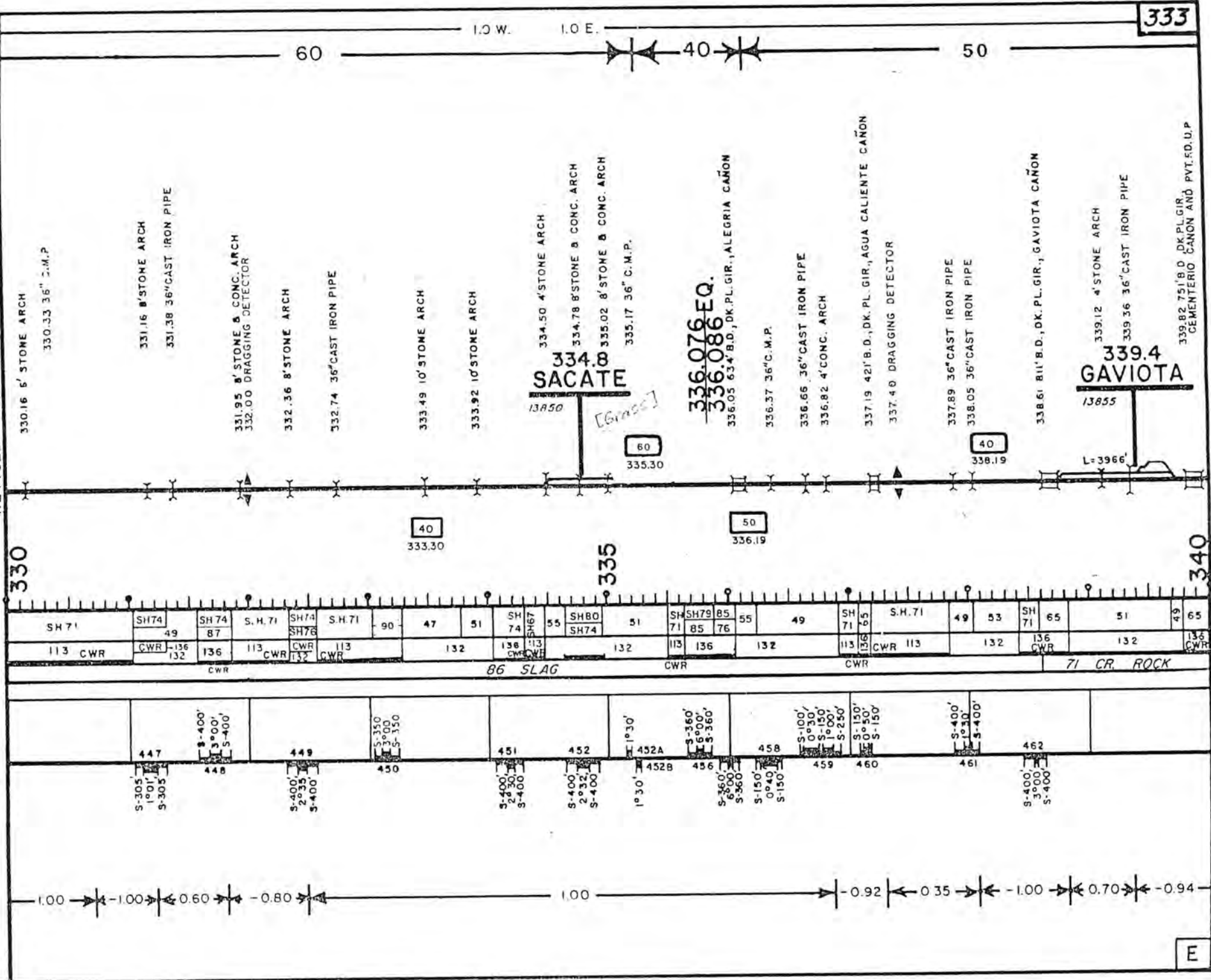
REVISED TO JAN 1, 1992



REVISED TO JAN 1, 1992



REVISED TO: JAN 1, 1992



333

E

REVISED TO JAN 1, 1992

334

1.0 W. 1.0 E.

50

45

40

50

340.23 7' RAIL TOP
340.43 6' STONE ARCH

340.88 10' STONE ARCH
341.08 9' R.T.

341.47 5' STONE & CONC. ARCH

341.75 9' R.T.

341.97 8' STONE ARCH

342.25 9' R.T.
342.37 8' STONE ARCH

342.94 6' STONE ARCH
343.04 36" C.M.P. & CAST IRON PIPE
343.21 36" C.M.P.
343.34 4' CONC. ARCH

343.58 54' B.D., DK PL GIR., ARROYO HONDA

343.95 36" CAST IRON PIPE

344.30 36" C.M.P.

344.54 60" C.M.P. & 48" CAST IRON PIPE & C.M.P.
344.53 36" C.M.P., HOT BOX DET.
344.70 42" C.M.P.

344.88 12' STONE ARCH, ARROYO QUEÑADA

345.14 7' R.T.

345.33 4' CONC. ARCH

345.65 36" C.M.P.

345.82 36" CAST IRON PIPE

346.05 12' STONE ARCH, TAJIGUAS CAÑON

346.37 9' R.T.

346.58 6' CONC. ARCH

346.80 4' CONC. ARCH

346.93 30' CONC. PIPE

347.03 6' R.T.

347.28 7' R.T.

347.34 7' R.T.

347.48 9' R.T.

347.81 11' R.T.

348.02 6' B.D., DK PL GIR., REFUGIO CAÑON

348.17 4' CONC. ARCH

349.02 12' CONC. ARCH

349.46 12' STONE ARCH, CAÑADA DEL CORRAL

349.81 9' R.T.

349.9
CAPITAN

13860

L-4964

46
344.00

40
345.4

50
348.80

340

345

350

SH 72	53	55	SH 71	46	65	50	43	S.H. 71	62	51	48	SH 69	SH 79	87	51	SH 74	53	52	SH 80	87	SH 74	87	51	136	S.H. 71	55	45
113	132	113	132	132	132	132	113	CWR	136	132	CWR	CWR	136	132	136	132	136	132	136	CWR	136	132	89	113	CWR	132	132
CWR	71	CR. ROCK							72	CRUSHED	CWR	ROCK															

S-150
S-120
S-360

S-360
2012
S-360

S-165
0000
S-165

S-100
1100
S-330

S-100
467
S-100
467A

S-485.4
400
S-485.2

S-120
0027
S-131.3
1030

S-265.50
4000
S-265.50
472

S-240
2000
S-240

S-360
6000
S-360

S-348.5
6000
S-360

S-360
3000
S-360

S-385
3006
S-385

S-350
1032
S-350

-0.94 0.04 0.05 0.93 -0.60 0.67 -0.80 -0.87 -0.90 1.00 -1.00 0.9 -0.77 1.00

E

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335

1.0 W.

1.0 E.

50

350.28 36" C.M.P.
350.38 8" CONC. ARCH

350.67 75' B.D. , DK PL. GIR. , EL CAPITAN CAÑON

350.99 6' CONC. ARCH
351.15 42" C.M.P.

351.57 48" CAST IRON PIPE

352.01 12' STONE ARCH

352.90 12' STONE ARCH

353.30 6' CONC. ARCH

353.67 2' X 3' CRED. BOX (CS-66)

353.90 10' STONE ARCH

354.12 11' RAIL TOP

354.41 66' B.D. , DK PL. GIR. , DOS PUEBLOS CAÑON

355.51 36" CAST IRON PIPE

355.93 36" CAST IRON PIPE

356.27 RD. O.P.

356.48 12' STONE ARCH

356.86 36" C.M.P.

357.21 10' STONE ARCH

357.45 12' STONE ARCH

357.77 HIWAY O.P.

358.01 11' R.T.

358.46 36" CONC. PIPE
358.56 36" CAST IRON PIPE
358.76 36" CAST IRON PIPE & CONC. PIPE

358.9
ELLWOOD
13865

359.21 6' STONE ARCH

359.48 36" CAST IRON PIPE
359.58 36" CAST IRON PIPE

359.83 36" CAST IRON PIPE
359.90 GLEN ANNE CANYON RD. O.P.

350

355

360

SH 71	51	67	53	SH 74 76	SH 71	53	SH 71	41 SH 74	54	53	47	53	82	SH 72	79	SH 74 87	51	82	SH 71
113	132	136 CWR	132	136 CWR	113 CWR	132	113 C.W.R.	136 CWR	132	132	132	132	136 CWR	113 CWR	136 CWR	136 CWR	132	136 CWR	113 CWR

72 CR. ROCK

480
S-150'
S-230'
S-150'

481
S-350'
S-320'
S-350'

482
S-250'
S-250'

483
S-264'
S-264'

485
S-340'
S-340'

485
S-430'
S-430'

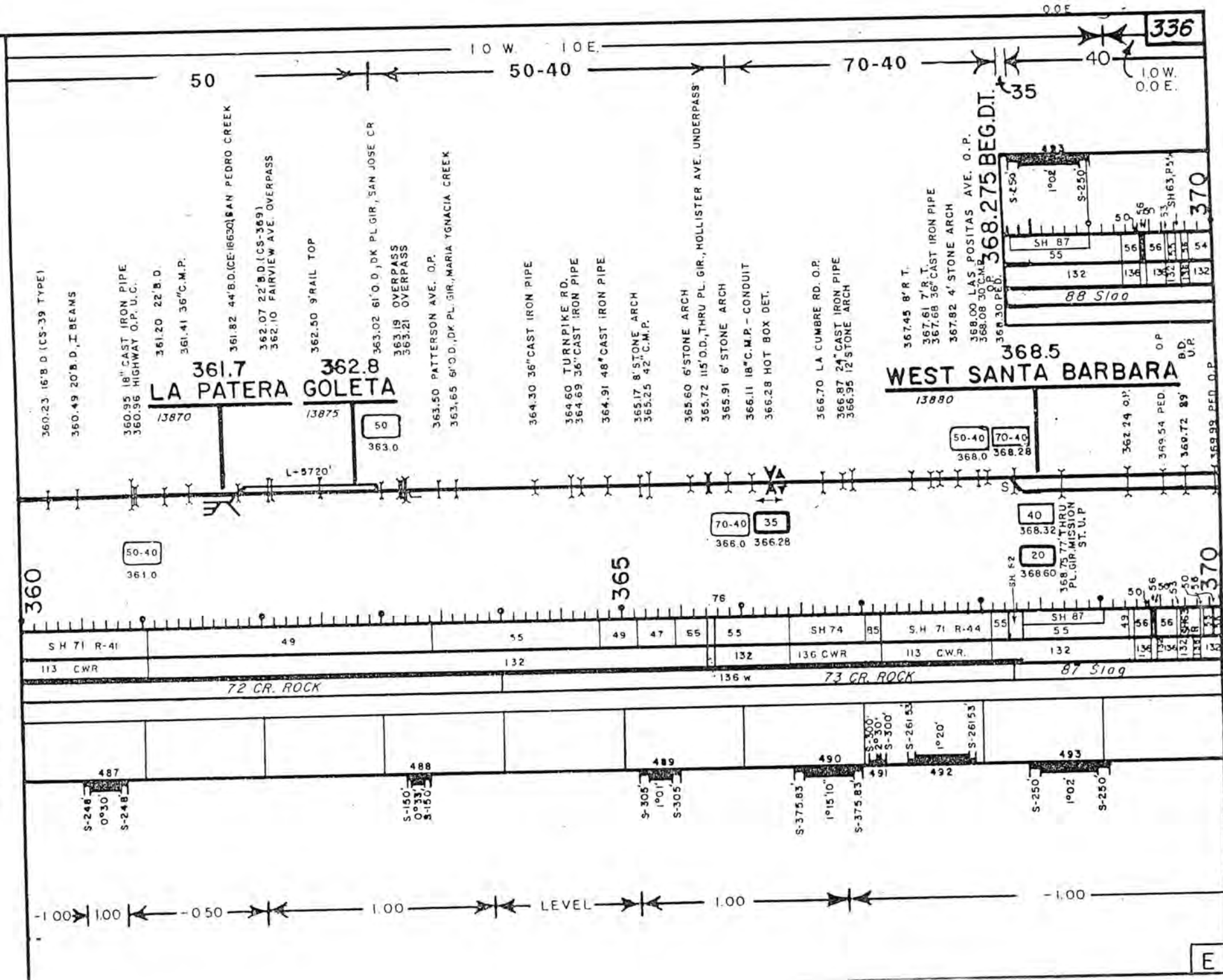
486
S-133'
S-133'

486
S-433'
S-433'

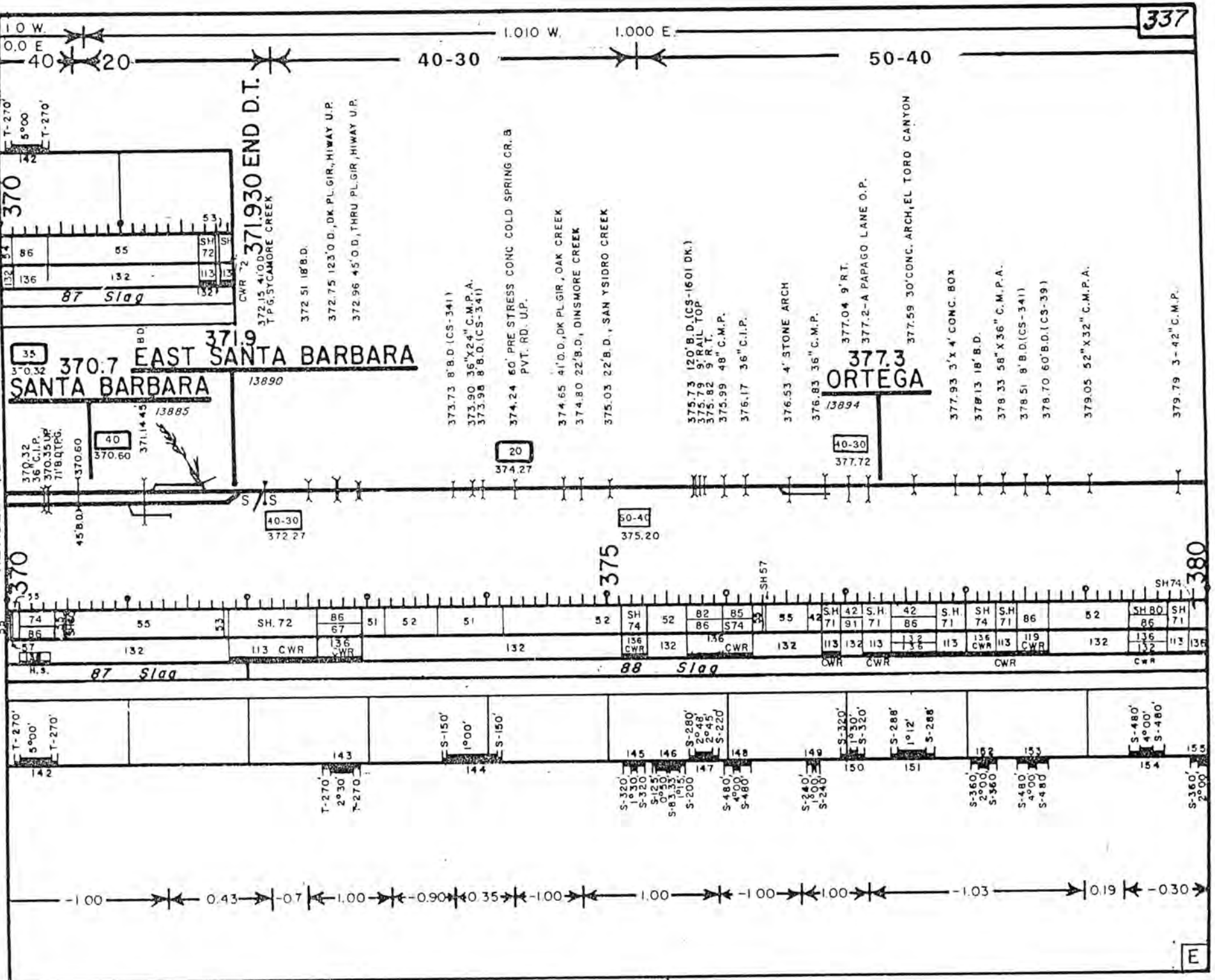
1.00 - 0.94 - 1.00 - 1.00 - 1.00 - 1.00 - 0.60 - 1.00 - 1.00 - 1.00

E

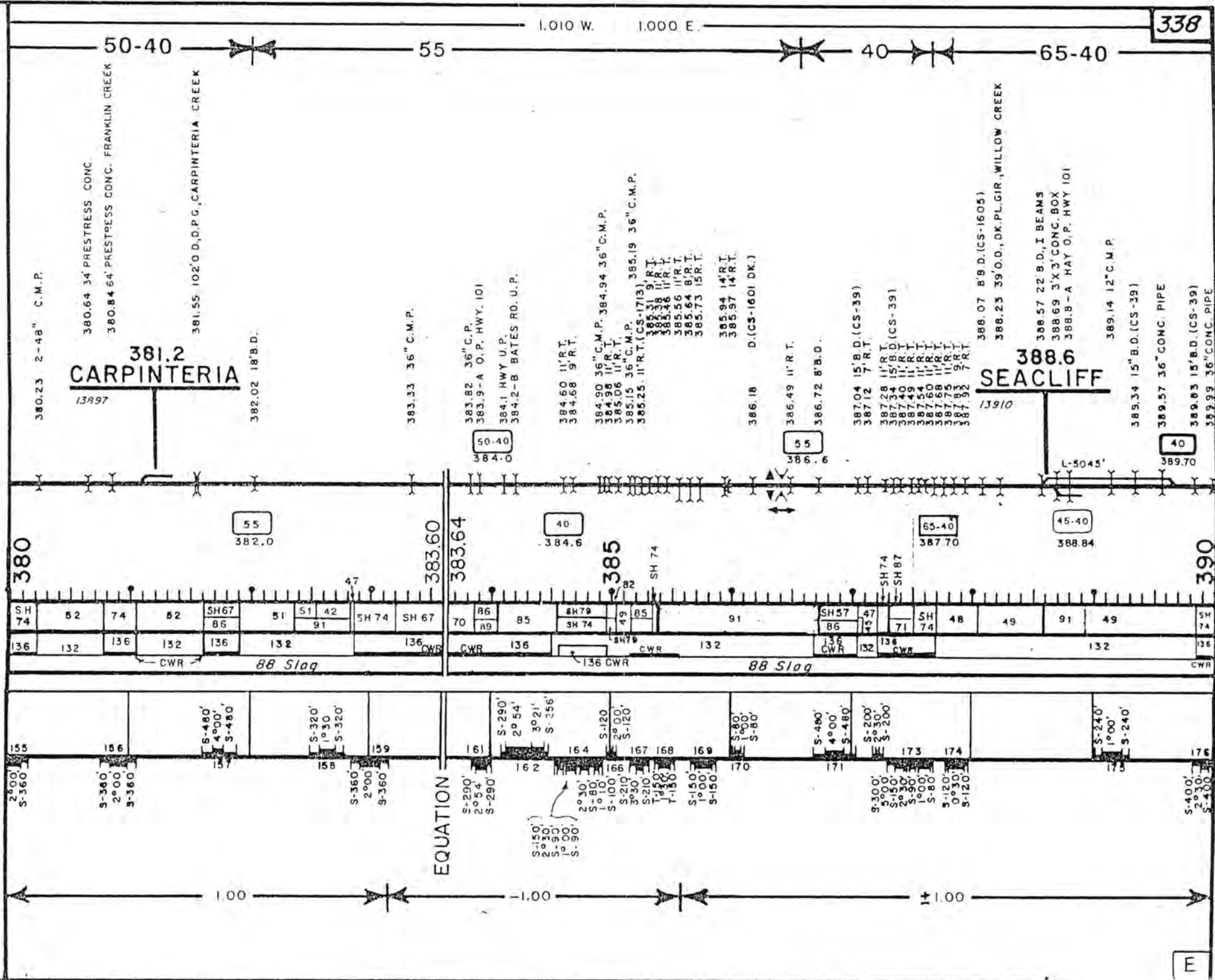
REVISED : TO JAN 1, 1992



REVISED TO JAN 1, 1992



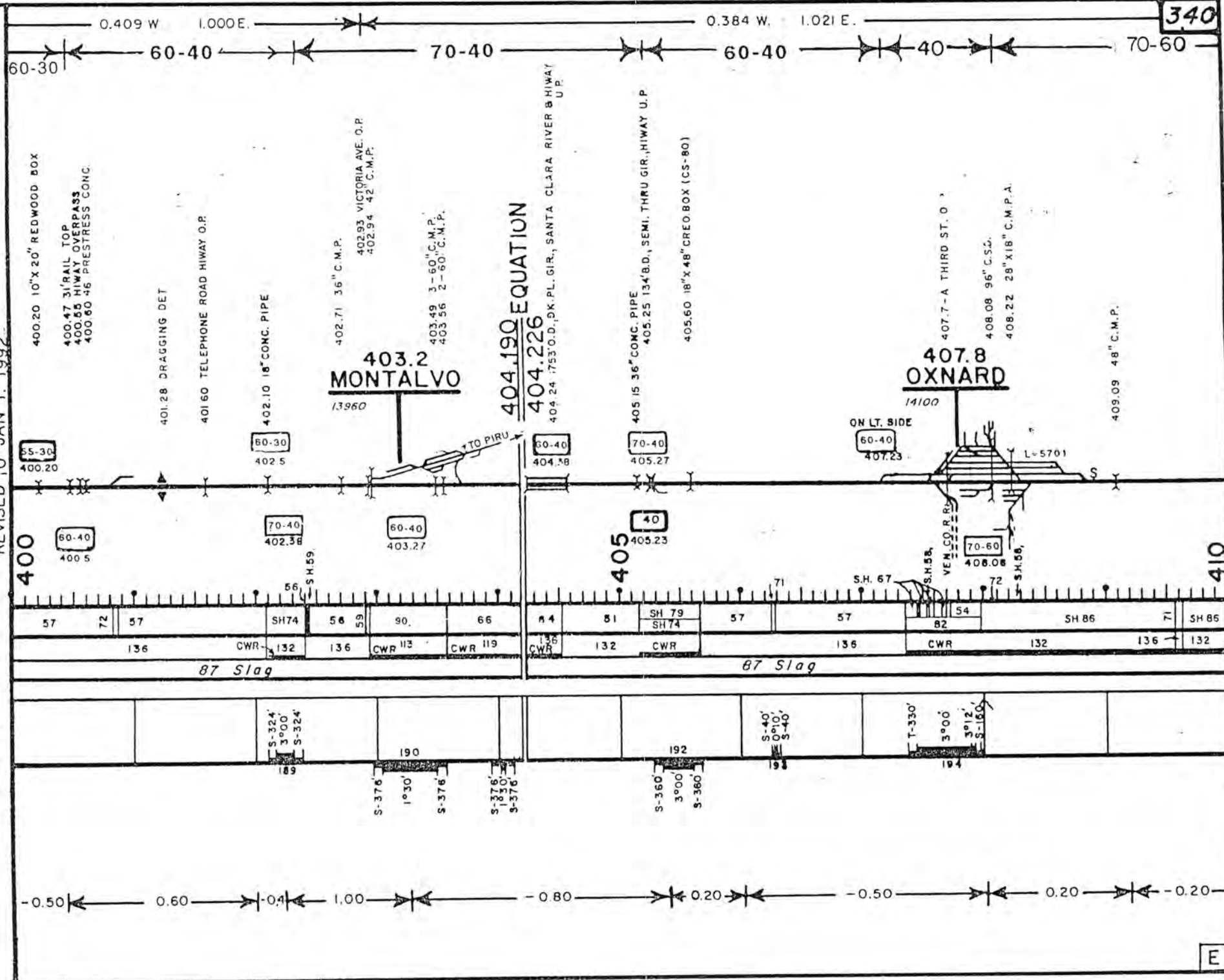
REVISED TO JAN 1, 1992



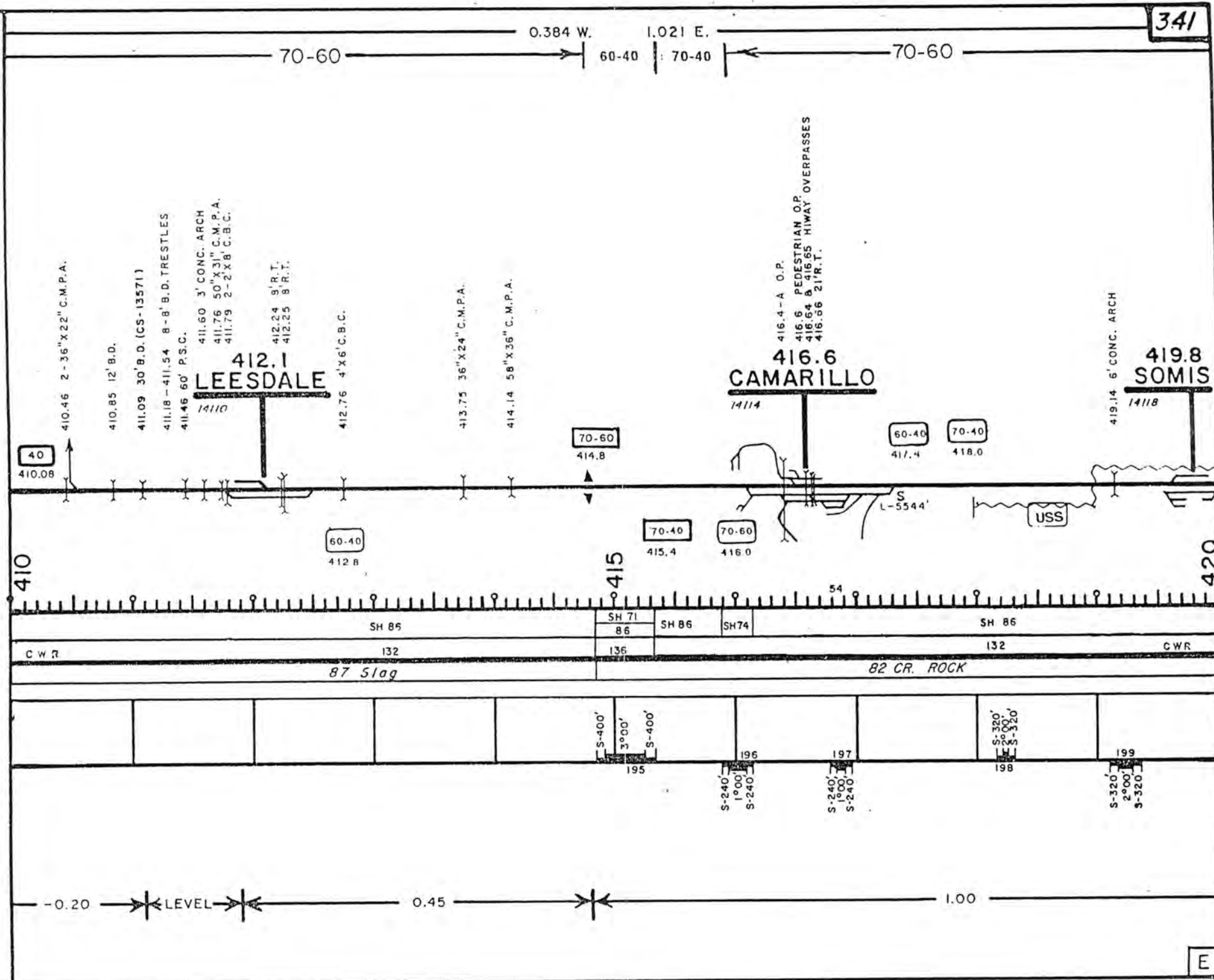


REVISÉ TO JAN 1. 1992

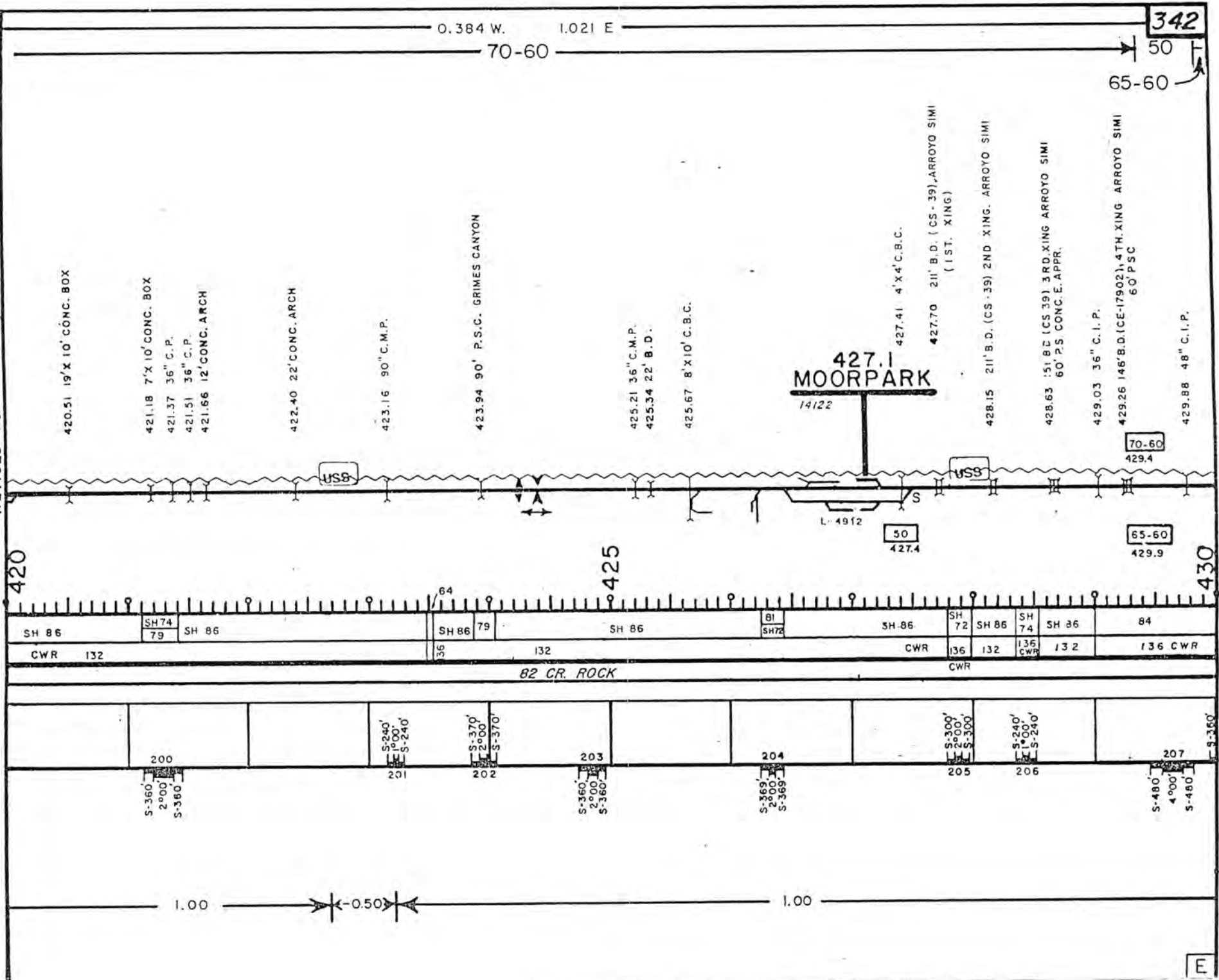
340



REVISED TO JAN 1, 1992



REVISED TO JAN 1, 1992



REVISED TO: JAN 1, 1992

343

0.384 W. 1.021 E.

65-60

70-60

70-40

60-40

430.23 48" CAST IRON PIPE
430.36 36" CAST IRON PIPE
430.59 36" CAST IRON PIPE
430.76 8" STONE ARCH
431.09 44" B.D.
431.29 8" STONE ARCH
431.42 48" CAST IRON PIPE
431.57 22" B.D. (CS-1600 TYPE)
431.73 36" CAST IRON PIPE
431.90 10" STONE ARCH
432.20 MADERA RD. O.P.
432.42 8" B.D. (CS-341)
432.65 8" B.D. (CS-341), CATTLE PASS
432.74 36" C 58" CMP

433.08 10' x 6' CONC. BOX

433.5
SIMI

433.57 8" B.D. (CS-1605)

433.91 8" B.D. (CS-1605)

434.12 9" RAIL TOP

434.25 8" C.P.

434.55 8" B.D. (CS-341)

434.89 8" B.D. (CS-341)

435.27 8" B.D. (CS-341)

435.58 45' P.S.C. TOPAC CREEK

436.46 9" R.T.
436.56 9" R.T.

436.96 9" R.T.

437.34 60" C.P.

437.79 6' x 16" C.B.C.

437.5
SANTA SUSANA

438.40 18" B.D.
438.41 8' x 12" C.M.P.A.
438.62 18" B.D.

438.89 18" B.D.

439.09 8" STONE ARCH

439.20 96" C.I.P.
439.27 36" CAST IRON PIPE
439.20 DRAGGING DET.
439.27 36" CAST IRON PIPE

439.75 18" B.D.

50

431.9

USS

65-60

434.2

70-40

435.8

L-8130

70-40

437.8

USS

70-60

432.2

70-40

433.8

60-40

435.8

SIMI VALLEY
436.8

SIMI VALLEY
(AMTRAK - METRO)
437.0

25

439.2

430

435

440

SH 74

SH 86

84

SH 84

84

71

67

84

136 CWR

132 CWR

136 CWR

136 CWR

82 CR. ROCK

S-360'
2°00'
S-360'
2°00'
S-360'
2°00'

210
S-360'
2°00'
S-360'
2°00'

212
S-400'
2°30'
S-400'
2°00'

213
S-360'
2°00'
S-360'
2°00'

214
S-360'
2°00'
S-360'
2°00'

215
S-400'
3°00'
S-400'
2°00'

216
S-320'
1°30'
S-320'
2°00'

217
S-300'
2°00'
S-300'
2°00'

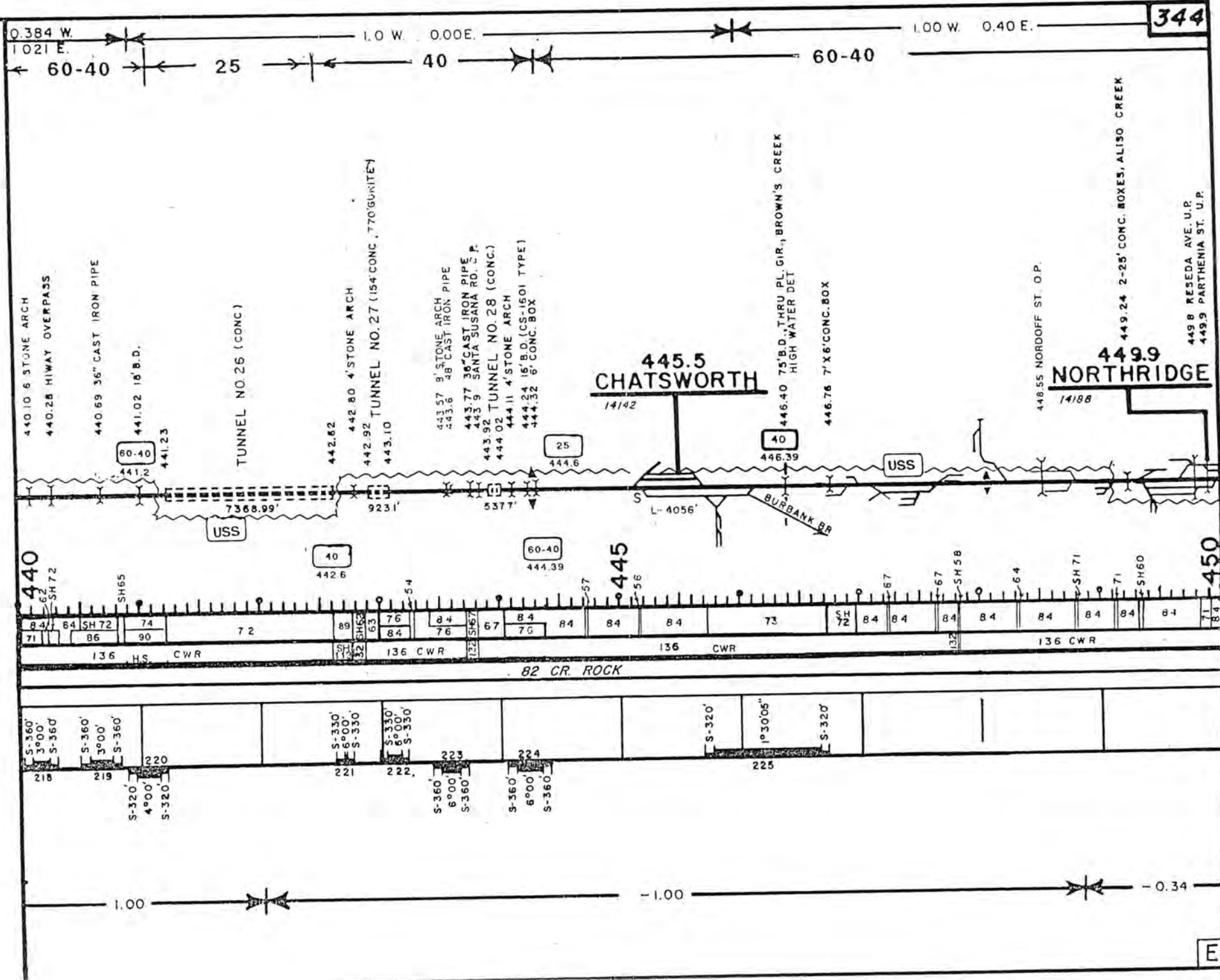
SANTA BARBARA DIST.- M.W. FLOWERS ROADMASTER

1.00

TERMINAL DIST.- J.W. SMITH- ROADMASTER

E

REVISED TO JAN 1, 1992



E

REVISED TO: JAN 1, 1992

1.00 W. 0.40 E.

60-40

VAN NUYS
(AMTR-NETRO)

450.92 20' B.D.

451.29 HOT BOX DET.

451.50 7-1/2' X 9' CONC. BOX
452.01 82' O.D. THRU PL GIR. BULL CREEK
452.10 9' R.T.

452.33 L.A. AQUEDUCT

452.81 8' B.D. (CS-341)

453.0 PED. O.P.

453.21 15' B.D. (CS-1601 DK.)

453.42 8' B.D. (CS-341)
453.43 15' B.D. (CS-1601)
453.44 L.A. AQUEDUCT
453.52 FREEWAY OVERPASS

453.86 8' B.D. (CS-1605)
453.90 SEPULVEDA U.P.

454.42 DOUBLE 30' P.S.C

455.0 VAN NUYS BLVD. U.P.

456.02 102' B.D. W.F. BEAMS, WOODMAN AVE. U.P.

456.27 8' X 15' CONC. BOX PANORAMA DRAIN
456.28 77' B.D. DK PL GIR., TUJUNGA WASH

456.54 48" CONC. PIPE

457.03 L.A. AQUEDUCT

457.17 2-36" C.M.P.

457.55 HOLLYWOOD FWY. U.P.

458.2 114' B.D. 1 BEAMS, LAUREL CANYON U.P.

458.3 SHERMAN WAY U.P.

458.57 90' B.D. THRU CONT TYPE GIR. LANK U.P.

458.71 15' B.D. (CS-39)

459.61 48" C.M.P.

452.5
LA METRO

14192

454.1
RAYMER

14196

456.1
GEMCO

14200

458.4
HEWITT

14210

USS

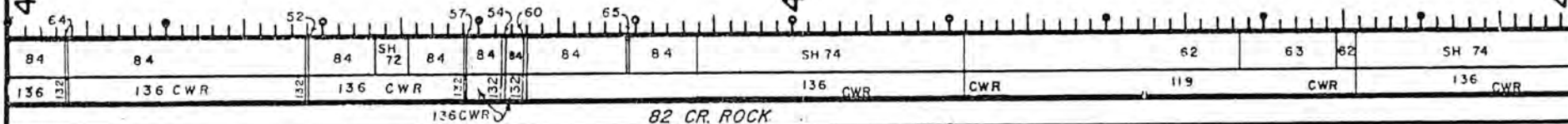
USS

USS

450

455

460



NO CURVES

-0.34 0.40 -0.50

E

TERMINAL DIST.- J.W. SMITH - ROADMASTER

