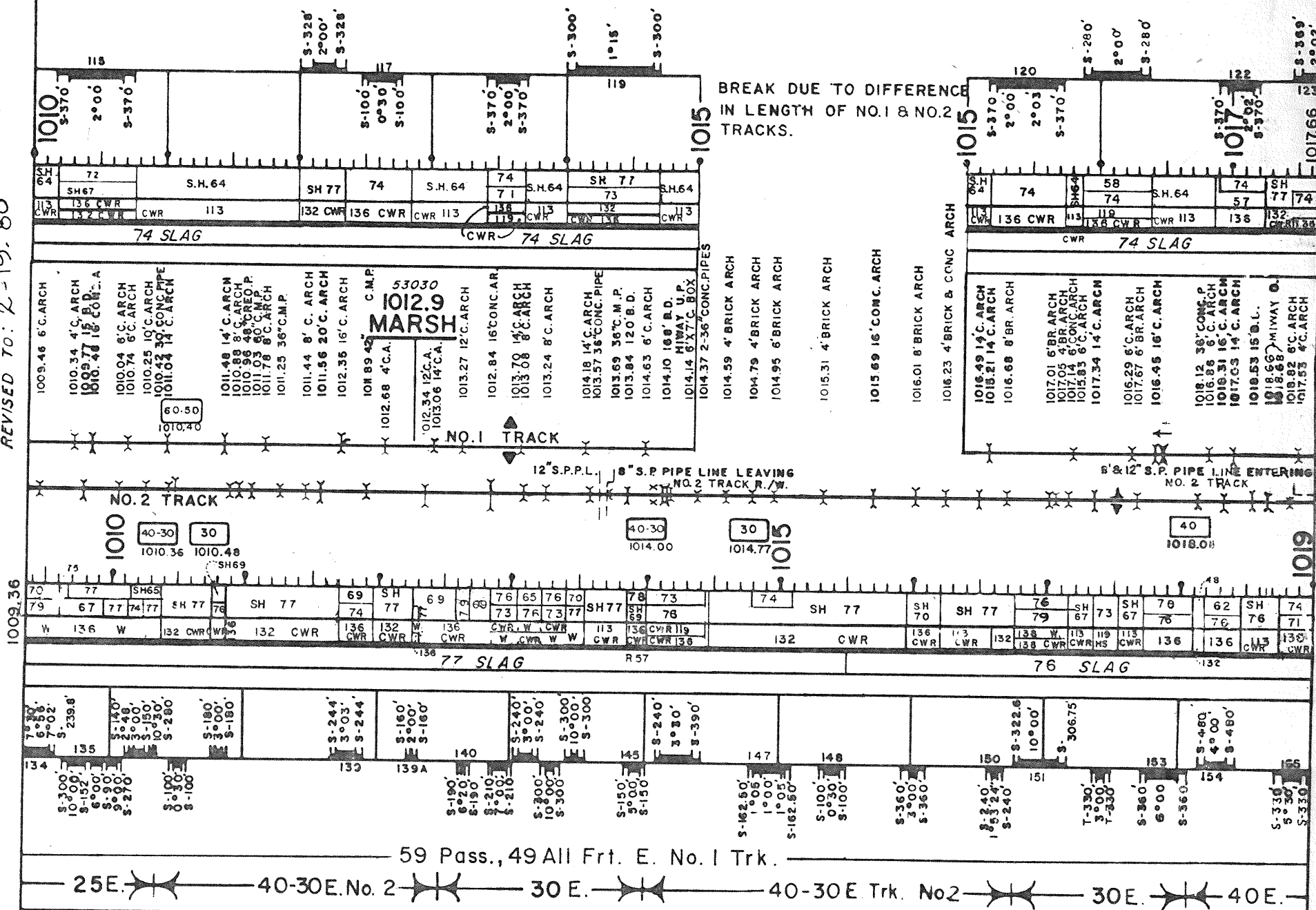
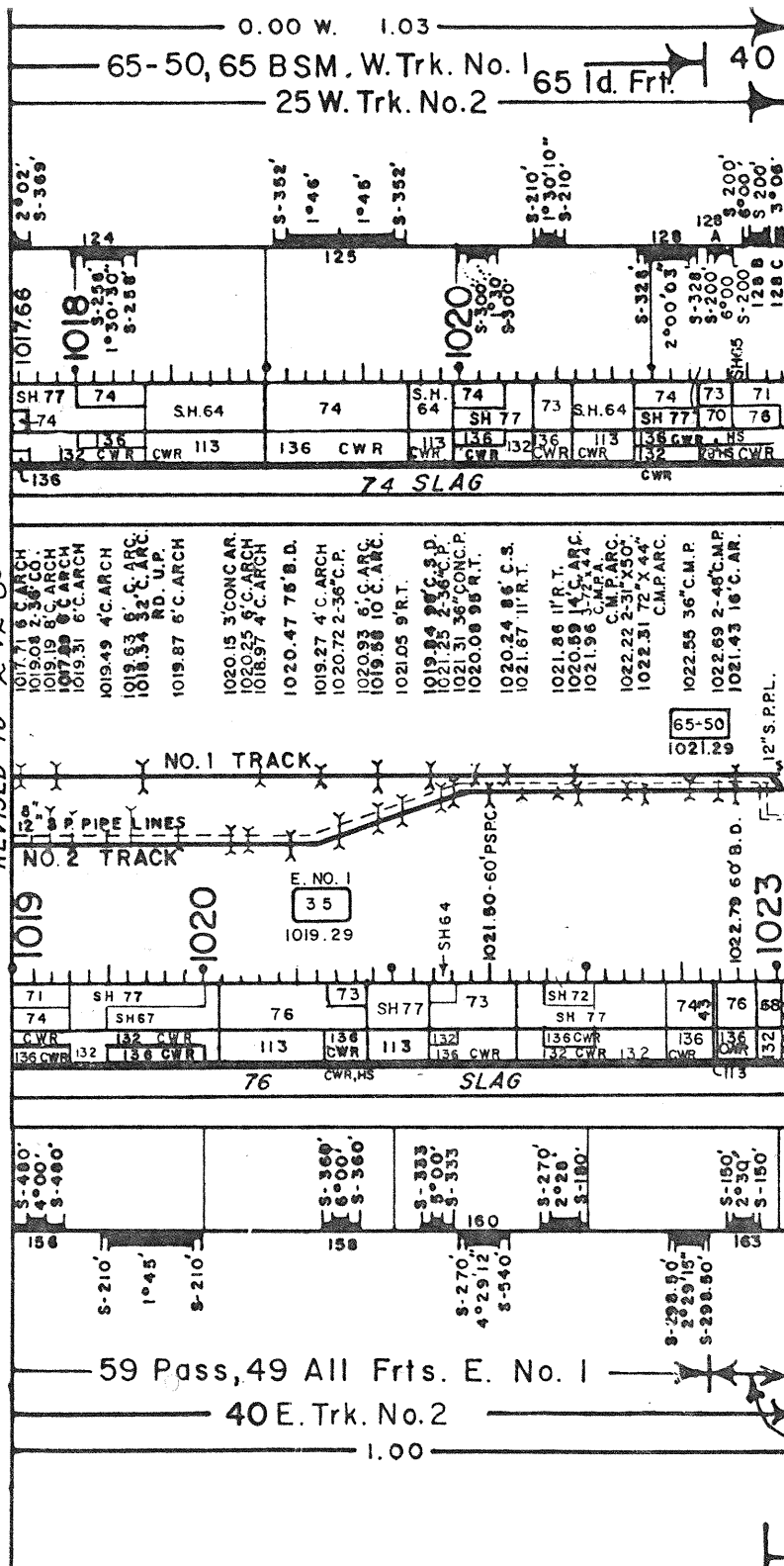


REVISED TO: 2-19-80





EQ. 1021.745-W.B.
1023.081-E.B.

1023.6
MESCAL
53035

E. B. M. P. 1023081 END D. T.

35 E. No. 1

C.T.C

REVISED TO: 2-12-80

469

1023.081-BEG. OF SINGLE TRACK

1023.11 15' B.D. (CS-39)

1023.6
MESCAL

53035

1023.40 4' CONC. ARCH

1023.90 48" CORR. METAL PIPE
1023.95 10" WROT IRON PIPE

1024.19 2'-48" C.M.P.

1024.36 15' B.D. (CS-39)

1024.62 75' B.D. (CS-1601)

1024.88 44" X 72" PIPE ARCH

1025.05 15' B.D. (CS-39)

1025.31 44" X 72" C.M.P.A.

1025.74 40' B.D. (CE-13571)

1025.99 15' B.D. (CS-1601)

1026.18 30' B.D. (CS-39)

1026.32 2'-48" C.M.P.

1026.44 3' X 4' CREO BOX

1026.62 45' B.D. (CS-39)

1026.80 8' CONC. ARCH

1027.09 16' CONC. ARCH

1027.27 48" C.M.P.

1027.46 60" C.M.P.

1027.62 60' B.D. (CS-1601)

1027.77 60" C.M.P.

1027.87 30' B.D. (CS-1600)

1028.04 15' B.D. (CS-1600)

1028.19 2' X 3' CREO. BOX

1028.29 15' B.D. (CS-1602)

1028.44 8' B.D. (CS-1601)

1028.69 15' B.D. (CS-1601)

1028.92 48" C.M.P.

1029.03 12' CONC. ARCH

1029.32 CONC. ARCH

1029.57 12' CONC. ARCH

1029.75 5' CONC. ARCH

1028.2
CHAMISO

8 & 12" S.P. PIPE LINES

55
1023.10

1024

1025

1030

62 77 62 74 76 71 74 77 74 68 74 66 68 68 74

CWR 136 132 136 CWR 136 CWR

CWR 71 SLAG 71 SLAG

164 165 166 167 168 169 170 171

S-100' 1'-00' S-100' S-245' 2'-30' S-245' S-245' S-270' 2'-30' S-270' S-200' 1'-00' S-200' S-200' 1'-00' S-200' S-230' 1'-30' S-230'

1.00 - 1.55

C.T.C.

REVISED TO: 2-12-80

1.40 W. 0.00 E.

1.335 W. 1.448 E.

470

55

60-55

60 BSM
60 Id. Frt.

40

EQ.

1031.2698

1031.3551

1030.57 20' CONC. ARCH

1030.94 36" C.M.P.

1031.07 2-72" C.M.P.

1031.15 BENSON HIWAY OVERPASS

1031.38 50' B.D. (CS-1605)

1031.54 36" CORR. METAL PIPE

1032.14 41' B.D., DK. PL. GR., WHETSTONE DRAW

1032.55 3' X 4' CREO. BOX (CS-66)

1032.58 36" CONC. PIPE

1032.68 30" C.M.P.

1032.99 81' B.D., CONC., HIWAY U.P.

1033.65 265' O.D., THRU PIN CON. SPAN, SAN PEDRO RIVER

1034.25 10' B.D. (MW-671)

1037.20 66' B.D., PRE-CAST CONC.

SLAB DECK

1037.44 10' CMP

1037.78 30' B.D. (CS-1601)

1038.06 2-27" X 43" PIPE ARCHES

1038.33 66' B.D., PRE-CAST CONC. SLAB DECK

1038.45 35" C.M.P.

1038.69 43' X 27" C.M.P. ARCH

1038.79 12' MULTIPLATE PIPE

1038.90 2-15' MULTIPLATE PIPES

1039.20 36" C.M.P. MULTIPLATE PIPE ARCH

1039.63 36" C.M.P.

1039.75 36" C.M.P.

1032.6
BENSON

1035.8
FENNER

1037.359

1037.394

1038

1040

12" S.P.P.L.

8" S.P. PIPE LINE

12" S.P.P.L.

L-8429

TO DOUGLAS

1034.79

1035.80

1036.79

1037.80

1030

1031

1032

1035

1037

74

68

62

69

66

69

69

69

74

73

76

79

76

64

75

73

76

68

78

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76

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76

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76

79

76

79

CWR 136

68

136

CWR

136

CWR

136

CWR

136

CWR

136

CWR

136

CWR

136

CWR

136

CWR

136

CWR

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CWR

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CWR

136

CWR

136

CWR

136

CWR

136

CWR

136

CWR

136

CWR

136

CWR

136

CWR

136

CWR

171

S-230'

S-356'

3'00'

S-350'

179

S-180'

S-200'

S-160'

S-200'

S-200'

S-200'

S-245'

2'00'

S-245'

181

S-245'

2'00'

S-245'

182

S-245'

2'00'

S-245'

183

S-245'

2'00'

S-245'

184

S-245'

2'00'

S-245'

185

S-245'

2'00'

S-245'

186

S-245'

2'00'

S-245'

187

S-245'

2'00'

S-245'

188

S-245'

2'00'

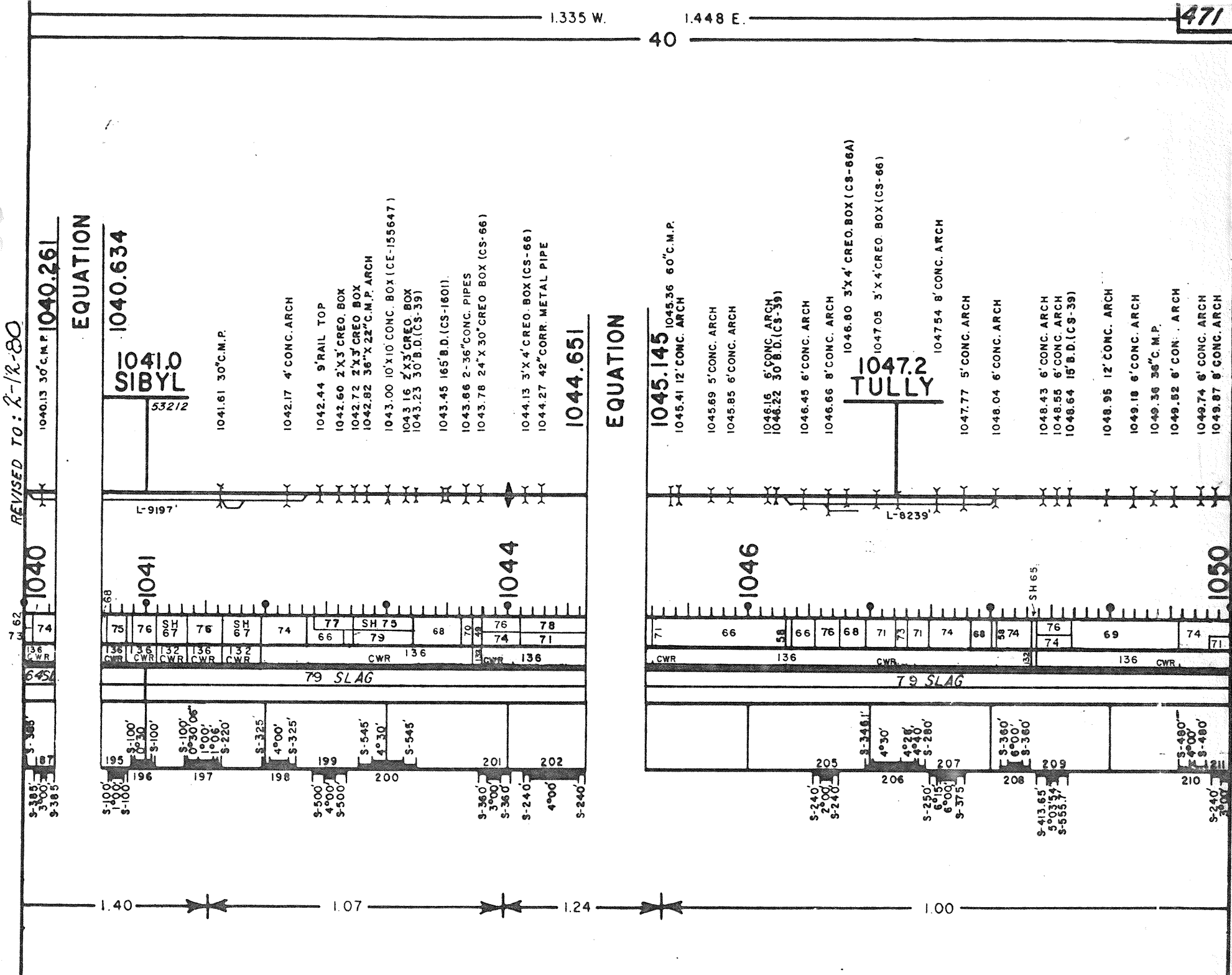
S-245'

1.55

LEVEL

1.40

REVISED TO: 2-12-80

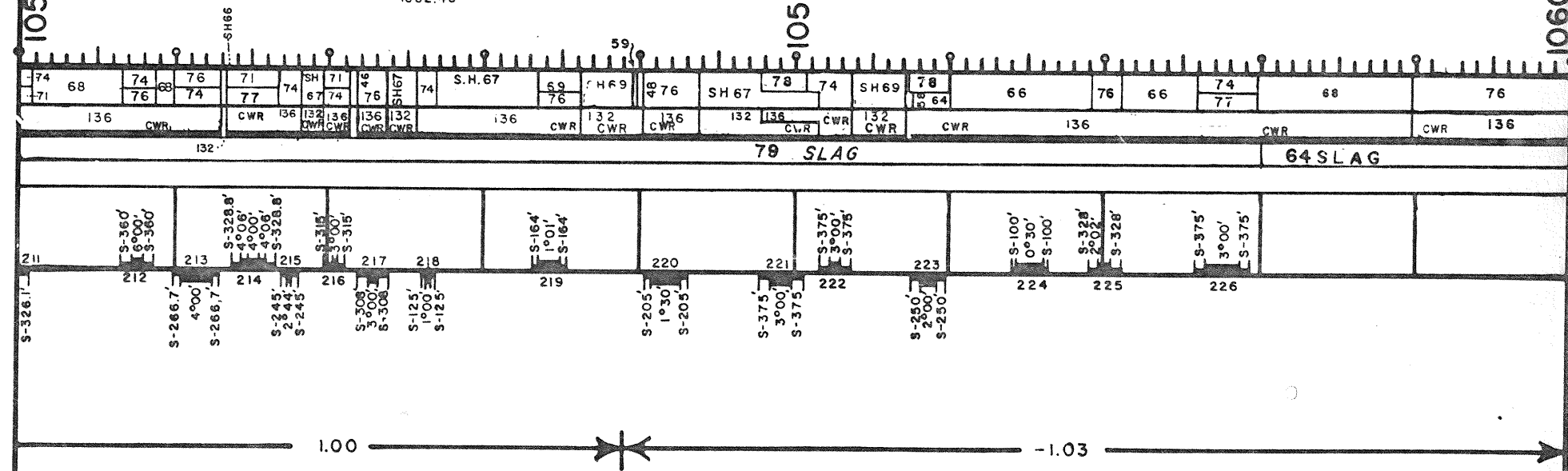


REVISED TO: 10-17-79

1.335 W. 1.448 E. 60-55 60B.S.M. 60Id.Frt. 1.022 W. 0.919 E. 70-55 70B.S.M. 65Id.Frt. 472

10539
DRAGON
53227

1050.02 6' CONC. ARCH
1050.25 3'x4' CREO. BOX
1050.42 8' CONC. ARCH
1050.56 6' CONC. ARCH
1050.87 6' CONC. ARCH
1051.28 3-6' CONC. ARCH
1051.49 4' CONC. ARCH
1051.83 4' CONC. ARCH
1051.98 4' CONC. ARCH
1052.15 6' CONC. ARCH
1052.62 15' B.D. (CS-1600)
1054.26 15' B.D. (CS-1601)
1054.42 10' B.D. (CS-1605)
1054.65 30' B.D. (CS-1601)
1054.99 36" CAST IRON PIPE & C.M.P.
1055.20 45' B.D. (CS-1601)
1055.29 18' B.D. (CE-14627)
1055.63 2-60" C.M.P.
1056.07 18' B.D. (CE-14627)
1056.21 20' B.D. (CE-14627)
1056.39 45' B.D. (CS-1601)
1056.68 45' B.D. (CS-1601)
1056.91 45' B.D. (CS-1601)
1057.05 60' B.D. (CS-1601)
1057.27 58'x36" C.M.P. ARCH
1057.52 2-48" C.M.P.
1057.85 165' B.D. (CS-39)
1059.22 15' B.D. (CS-39)



1.022 W. 0.919 E.

70 - 55
65 Id. Frt.
70 B.S.M.

REVISED TO: 11-29-77

1060.73 2-36" CONC. PIPES

1061.16 6" CONC. PIPES

1061.39 30" B.D. (CS-1601)

1062.11 15' B.D. (CS-39)

1062.49 15' B.D. (CS-39)

1062.94 11' RAIL TOP

1063.9
COCHISE
53238

1065.37 HIWAY O.P.

1065.91 30" B.D. (CS-39)

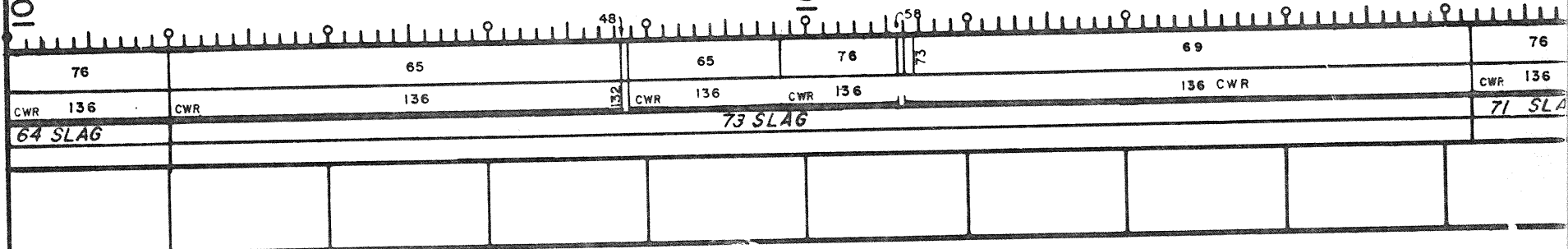
1066.29 15' B.D. (CS-1601)

1068.98 2-36" CONC. PIPES
1069.12 20" B.D. (CS-1605)

L-8415'

1065

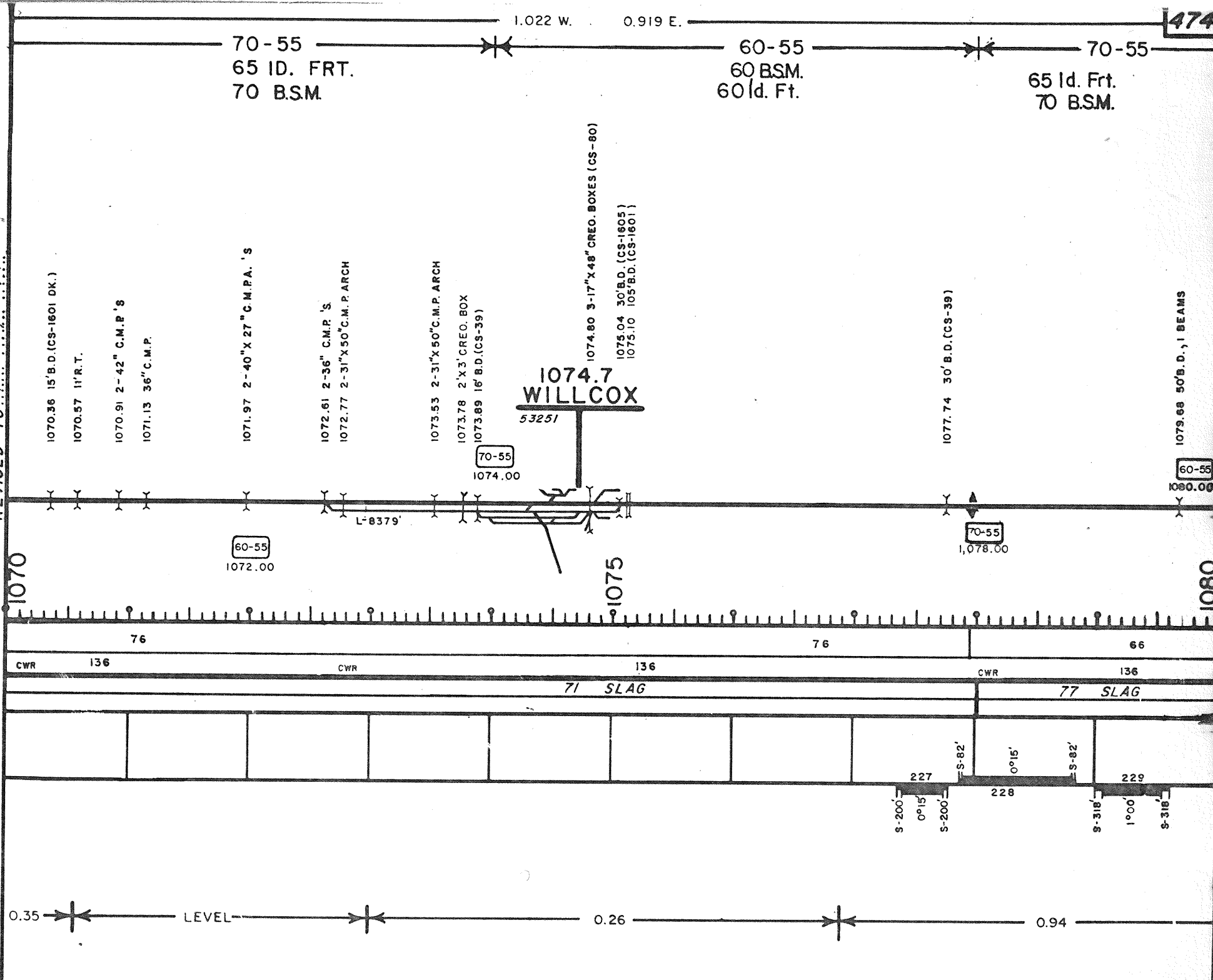
1060



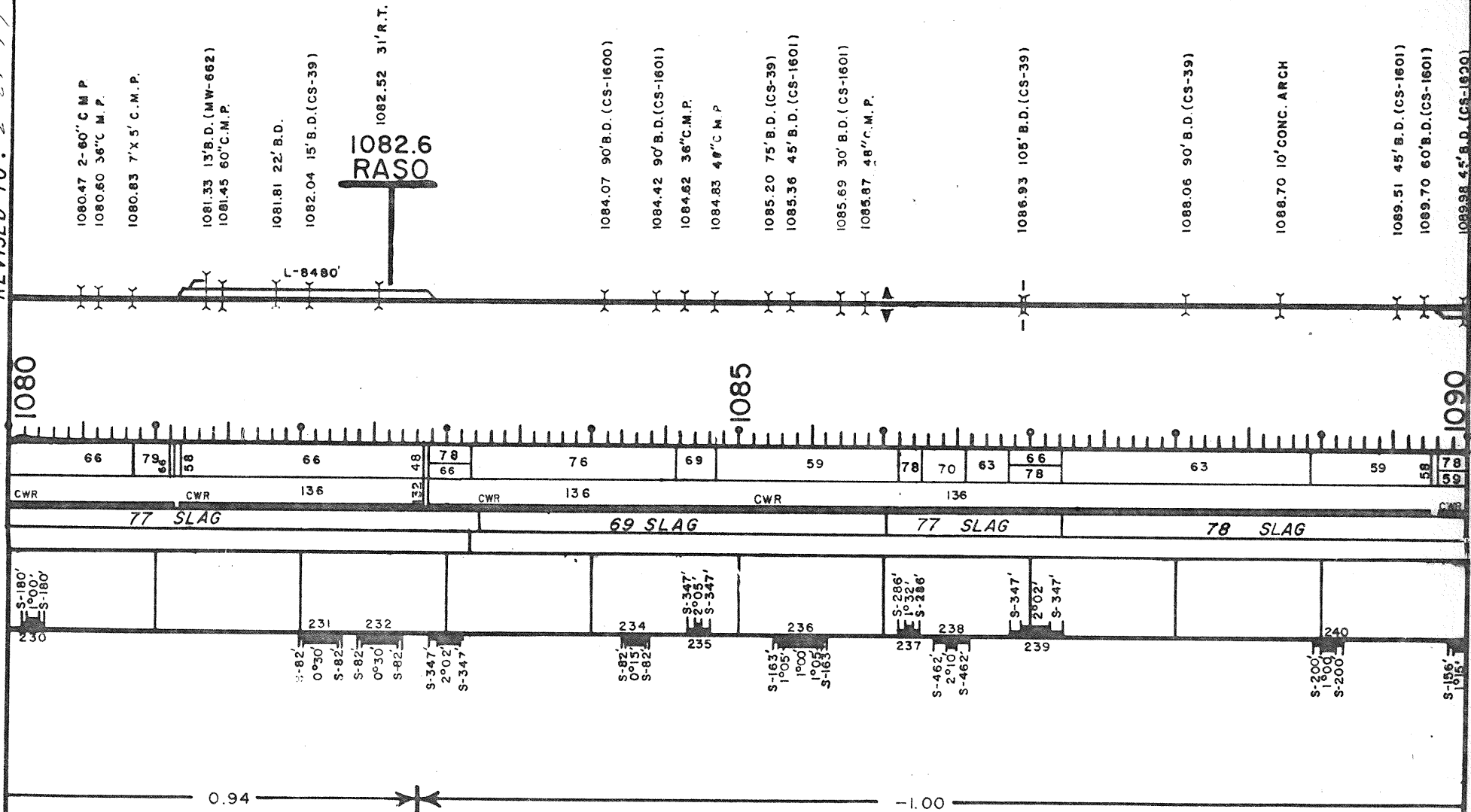
NO CURVES



REVISED TO 11-22-77



REVISED TO: 2-21-79



REVISED TO: 10-11-78

1.022 W.

0.919 E.

0.75 W.
0.24 E.

476

70-55
65 Id. Frt.
70 B.S.M.

1020.78 27'B.D.(CE-19301 DK.), LUZENA ARROYO

1091.04 47'B.D. HIWAY U.P.
1091.07 & 1091.09 HIWAY OVERPASS

1091.44 15'B.D. (CS-39)

1091.85 89'B.D.(CE-15266), GOLD GULCH

1092.17 6' STONE ARCH

1092.63 2'X3' CREO. BOX (CS-80)

1093.08 2'X3' CREO. BOX (CS-66)

1093.22 45'B.D.(CS-1601)

1093.34 15'B.D. (CS-1601)

1093.72 20'B.D. (MW-662)

1093.83 11' RAIL TOP

1093.98 30'B.D. (CS-1601)

1094.90 11' R.T.

1095.08 25"X34" CREO. BOX (CS-80 TYPE)

1095.42 25"X34" CREO. BOX (CS-80 TYPE)

1095.80 45'B.D. (CS-39)

1096.24 45'B.D.(CS-1600)

1096.45 30'B.D. (CS-1601)

1096.77 30'B.D. (CS-39)

1096.99 45'B.D. (CS-39)

1097.49 13'0.D., 1 BEAMS

1098.15 30'B.D.(CS-39)

1099.11 40'B.D.(CS-1605)

1099.74 60'B.D.(CS-1601)

1091.0
LUZENA

53268

1098.4
BOWIE

53280

L-9947

L-8209

TO GLOBE

1090

1095

1100

78	70	71	70	59	71	63	72	63	66	66	49	66
CWR 136	132	136	132	CWR	136	CWR	132	136	CWR	132	136	CWR 136

78 SLAG

78 SLAG

241	242	243	244									
S-156	S-200	S-200	S-200									

-1.00

1109.52 60'B. D. (C3-1600)

○
●
●
●

CWR

77 SL AG

- 0.52

REVISED TO 10... -11-78...

0.75 W.

0.24 E.

0.44 W.

1.48 E.

478

70-55
65 Id. Frt.
70 B.S.M.

1110.11 30'B.D. (CS-341)

1110.54 36'B.D. (CE-19186)

1111.00 50'B.D. (CE-19186)

1111.23 50'O.D., 1 BEAMS

1111.99 29'R.T.

1112.53 30'B.D. (CS-1605)

1112.84 29'R.T.

1113.13 29'R.T.

1114.2
SAN SIMON
53419

L-8017'

1115.15 30'B.D. (CS-1601)

1115.34 150' STEEL SAN SIMEON WASH

1115.57 90'B.D. (CS-39)

1116.98 3-58" X 36" C.M.P. ARCHES

1117.88 30'B.D. (CS-341)

1118.11 30'B.D. (CS-341)

1118.33 25'B.D. (CE-19186)

1119.23 4' CONC. ARCH
1119.32 4' CONC. ARCH

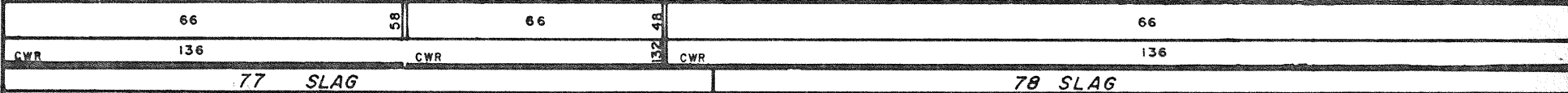
1119.87 2-60" C.M.P.

1110

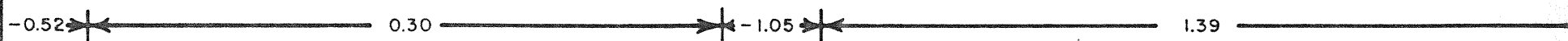
1115

1120

50'
1119.40



NO CURVES



REVISED TO 10-23-79

70-55
65 Id. Fr.
70 B.S.M.

50

0.44 W.

1.48 E.

ARIZONA

NEW MEXICO

40

1.42 W.
1.01 E. 479
70-55
65 Id. Fr.
70 B.S.M.

ER DET.

1120.16 4' CONC. ARCH

1120.54 6' CONC. ARCH
1120.61 2'X3' CREO. BOX
1120.76 36" CONC. PIPE

1121.01 6' CONC. ARCH

1121.23 2'X3' CREO. BOX

1121.40 150' B.D.

1121.75 30' B.D. (CS-1601)

1121.8
VANAR

1122.53 8' CONC. ARCH

1123.71 30' B.D. (CS-1601)

1124.00 36" CONC. PIPE
1124.14 2-36" CONC. PIPES

1124.47 120' B.D. (CS-1601)

1124.881 EQUATION
1124.894 EQUATION

1125.055

EQUATION

1125.261

1125.25 4' CONC. ARCH

1125.46 72" C.M.P.
1125.56 54" C.M.P.

1126.23 48" C.M.P.
1126.37 36" C.M.P.

1126.87 10' CONC. ARCH
1126.96 8' 1126.98 4' CREO. BOX
1127.02 36" CONC. BOX

1127.36 36" CONC. PIPE
1127.42 36" CONC. PIPE
1127.49 36" CONC. PIPE

1127.70 36" CONC. PIPE
1127.79 36" CONC. PIPE

1127.88 36" CONC. PIPE
1127.99 10' CONC. ARCH

1128.16 36" CONC. PIPE

1128.42 36" CONC. PIPE

1128.58 36" C.M.P.

1128.9
STEINS

1129.12 48" C.M.P.
1129.31 34" X 36" CREO. BOX

1129.52 36" C.M.P.

1129.72 45' B.D. (CS-1601)

1120

1125

1126

1130

66	SH 69	72	75	70	74	66	SH 69	66	74	68	70	46	70	74	72	59
CWR	136	132 CWR	CWR	136	CWR	113	136	CWR	136	CWR	136	CWR	136	CWR	136	CWR
78 SLAG																
S-350' 2°35' S-130'																
245																
S-245' 2°12'36" S-245'																
246																
S-315' 3°0'30" S-315'																
247																
S-217.5' 1°37' S-217.5'																
249																
S-203.3' 1°01' S-203.3'																
250																
S-240' 3°00' S-240'																
251																
S-240' 3°00' S-240'																
253																

72	78	SH 69	71	74	70	SH 69	74	78	72	74	66	75	62	66
136 CWR	132 CWR	136 CWR	136 CWR	132 CWR	136 CWR	136 CWR	136 CWR	136 CWR	136 CWR	136 CWR	136 CWR	136 CWR	136 CWR	136 CWR
78 SLAG														
S-228' 3°00' S-228'														
254														
S-228' 3°00' S-228'														
255														
S-228' 3°00' S-228'														
260														
S-228' 3°00' S-228'														
261														
S-228' 3°00' S-228'														
262														
S-178.57' 2°30' S-178.57'														
263														
S-228' 3°00' S-228'														
264														
S-228' 3°00' S-228'														
265														
S-228' 3°00' S-228'														
267														
S-376' 1°22'24" S-376'														
267														
S-380' 1°24'30" S-380'														

1.39

1.40

1.46

REVISED TO 9-29-78

1130.00 20' B.D. (CE-14627)

1130.52 20' B.D. (CE-14627)

1131.19 17" X 48" CREO. BOX (CS-80)

1133.7
MONDEL
53446

8" S.P. PIPE LINE

L-8324'

1136.14 15' B.D. (CS-1601)

1137.05 60' B.D. (CS-1601)

1137.56 15' B.D. (CS-1601)

1139.89 30' B.D. (CS-39)

1130

1135

1140

66

65

CWR

136

CWR

77 SLAG

78 SLAG

268
S-330'
S-100'
0°30'
S-100'

269

S-100'

0°30'

S-100'

270

271
S-250'
1°01'

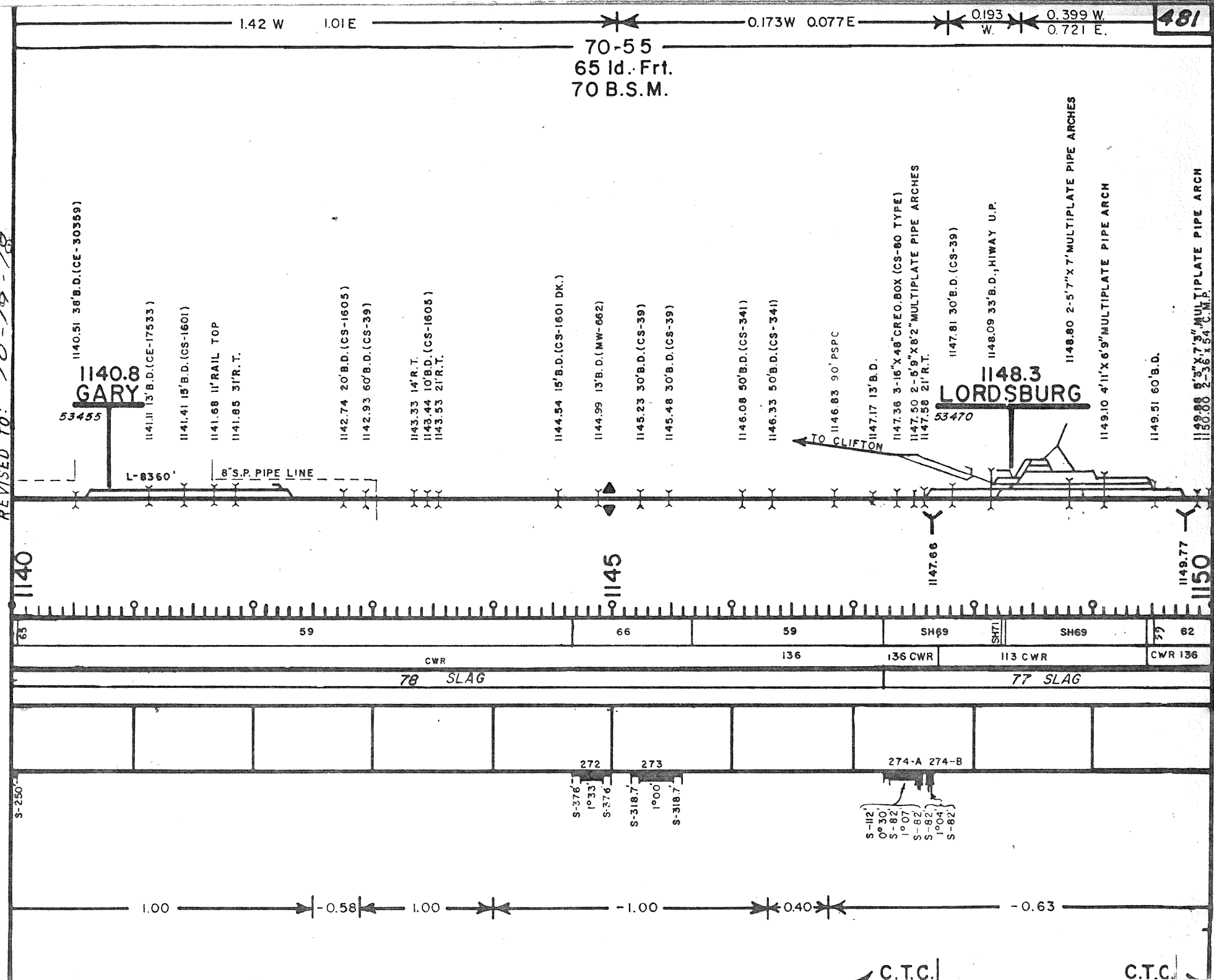
-1.46

-0.10

LEVEL

1.00

REVISED TO: 10-19-78



C.T.C. C.T.C.

REVISED TO 10-19-78

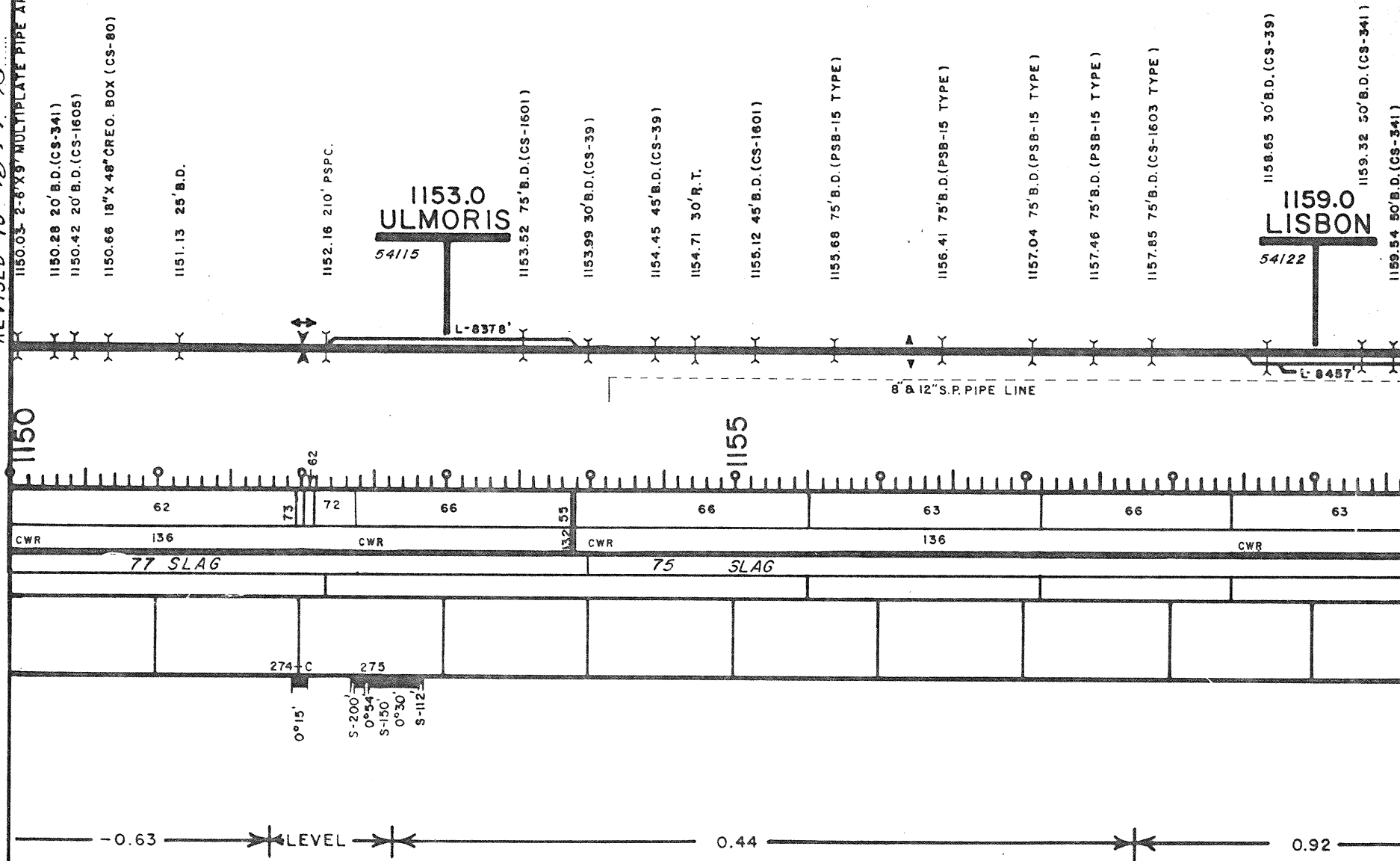
1150.03 2'-6" X 9" MULTIPLE PIPE ARCHES

0.399 W.

0.721 E.

482

70-55
65 Id. Frt.
70 B.S.M.



REVISED TO 11-29-77

0.399 W.

0.721 E.

483

70-55
65 Id. Frt.
70 B.S.M.

1160.13 30'B.D.(CS-341)
1160.42 30'B.D.(CS-341)
1160.75 30'B.D.(CS-1605)
1161.10 20'B.D.(CS-341)
1161.40 30'B.D.(CS-1605)
1161.68 40'B.D.(CS-1605)
1161.84 30'B.D.(CS-1605)
1162.15 21'R.T.
1162.53 40'B.D.(CS-341)
1162.91 13'R.T.
1163.02 50'B.D.(CS-1605)
1163.68 25'R.T.
1163.85 30'B.D.(CS-1605)
1164.02 30'B.D.(CS-1605)
1164.53 30'B.D.(CS-1605)
1164.72 30'B.D.(CS-341)
1165.04 45'B.D.(CS-39)
1165.56 40'B.D.(CS-1605)
1165.60 45'B.D.(CS-1601)
1166.20 105'B.D.(CS-39)
1167.0 SEPAR
54/33
1167.63 40'B.D.(CS-1605)
1168.30 40'B.D.(CS-1605)
1168.85 45'B.D.(CS-39)
1169.88 3-48" C.M.P.'S

8" & 12" S.P. PIPE LINE

L-8362'

1160

1165

1170

62

63

67

63

59

62

136

CWR

CWR

75

77 SLAG

76 SLAG

77 SLAG

NO CURVES

0.92

0.38

0.52

±0.32

±0.35

REVISED TO: 9-29-78

0.399 W.

0.721 E.

484

70-55
65 Id. Frt.
70 B.S.M.

1170.24 2'x4' CREO. BOX

1171.39 4-36" x 40 C.M.P.

1171.81 2-36" x 22" C.M.P.A.

1171.82 2-43" x 27" C.M.P.A.

1172.33 11' R.T.

1172.81 11' R.T.

1173.13 45' B.D. (CS-39)

1173.59 30' B.D. (CS-39)

1174.33 30' B.D. (CS-1601)

1174.72 60' B.D. (CS-39)

1175.52 20' B.D. (CS-1605)
1175.58 36" C.M.P.

1176.10 3'x4' CREO. BOX

CONTINENTAL DIVIDE
1176.717
1177.0 WILNA
54138

1177.17 11' R.T.

1177.99 56' R.T.

1178.45 20' B.D. (CS-1605)

1179.36 13' R.T.

1179.78 13' B.D.

12" S. P. P.L.
8" S. R. PIPE LINE

1170

1175

1180

62

61

71

63

63

59

63

CWR

136

CWR

77 SLAG

68 SLAG

77 SLAG

78 SLAG

1'00'

9'00'

6

0.35

1.00

0.34

0.50

0.45

REVISED TO 7-29-78

0.761 W.

0.67 E.

485

70-55
65 Id. Frt.
70 B.S.M.

1180.40 20'B.D.(CS-1605)

1180.97 30' CONC. B.D.T.
1181.08 20'B.D.(CS-1605)

1181.64 15'B.D.(CS-39)

1181.90 15'B.D.(CS-39)

1182.74 11'R.T.

1183.13 11'R.T.

1183.44 13'B.D., 1 BEAMS

1183.92 20'B.D.(CS-1605)

1184.20 20'B.D.(CS-1605)

1184.62 20'B.D.(CS-1605)

1185.84 30'B.D.(CS-1605)

1186.04 13'R.T.

1186.50 20'B.D.(CS-341)

1186.94 15'R.T.

1187.55 2-18"X48"CRCO. BOXES (CS-80 TYPE)

1188.0
GAGE

54152

1188.06 20'B.D.(CS-1605)

1188.90 40'B.D.(CS-341)

1189.38 20'B.D.(CS-341)

1189.96 20'B.D.(CS-1605)

1180

1185

1190

63

63

63

63

CWR

136

CWR

78 SLAG

277

S-112
0°20'
S-112

← LEVEL → 0.35 → -0.43 ← 0.35 → -0.70 → -0.50 →

REVISED TO: 4-6-78

0.761 W.

0.67 E.

489

70-55
65 14.Frt.
70 B.S.M.

1220.82 38" B.D. (PLAN SJ-36)

1221.16 38" B.D. (PLAN SJ-36)

1221.66 38" B.D. (RG5J-136)

1222.96 3' X 4' CREO. BOX (CS-66)

1223.35 48" C.M.P.

1223.81 16" X 30" RWD. BOX (CS-66)

1225.25 100' B.D. (PSB-15 TYPE)

1226.34 6-72" X 44" C.M.P. ARCHES

1227.18 150' B.D. (PSB-15 OK.)

1227.88 150' B.D. (CS-39)

1229.0
AKELA

54239

8" S.P. PIPE LINE

12" S. P.P.L.

L-8359'

1220

1225

1230

68

59

69

68

59

69

59

68

CWR

136

CWR

78 SLAG

NO CURVES

- 0.43

0.75

REVISED TO 9-29-78

0.761 W.

0.67 E.

490

70-55
65 Id. Frt.
70 B.S.M.

1230.82 HIWAY O.P.

1233.56 29' R.T. HIGH WATER DET.

1234.27 17" X 48" CREO. BOX (CS-80)
1234.42 HIWAY O.P.

1236.48 2' X 4' CREO. BOX (CS-80)

1238.18 36" C.M.P.

1238.0
DONA

54248

1239.31 30" B.D. (CS-39)

1239.57 18" X 48" CREO. BOX (CS-80)
1239.70 11' R.T.

8" S.P. PIPE LINE
12" S.P.P.L.

L-8376'

1230

1235

1240

68

CWR

136

CWR

78 SLAG

68 SLAG

NO CURVES

0.75

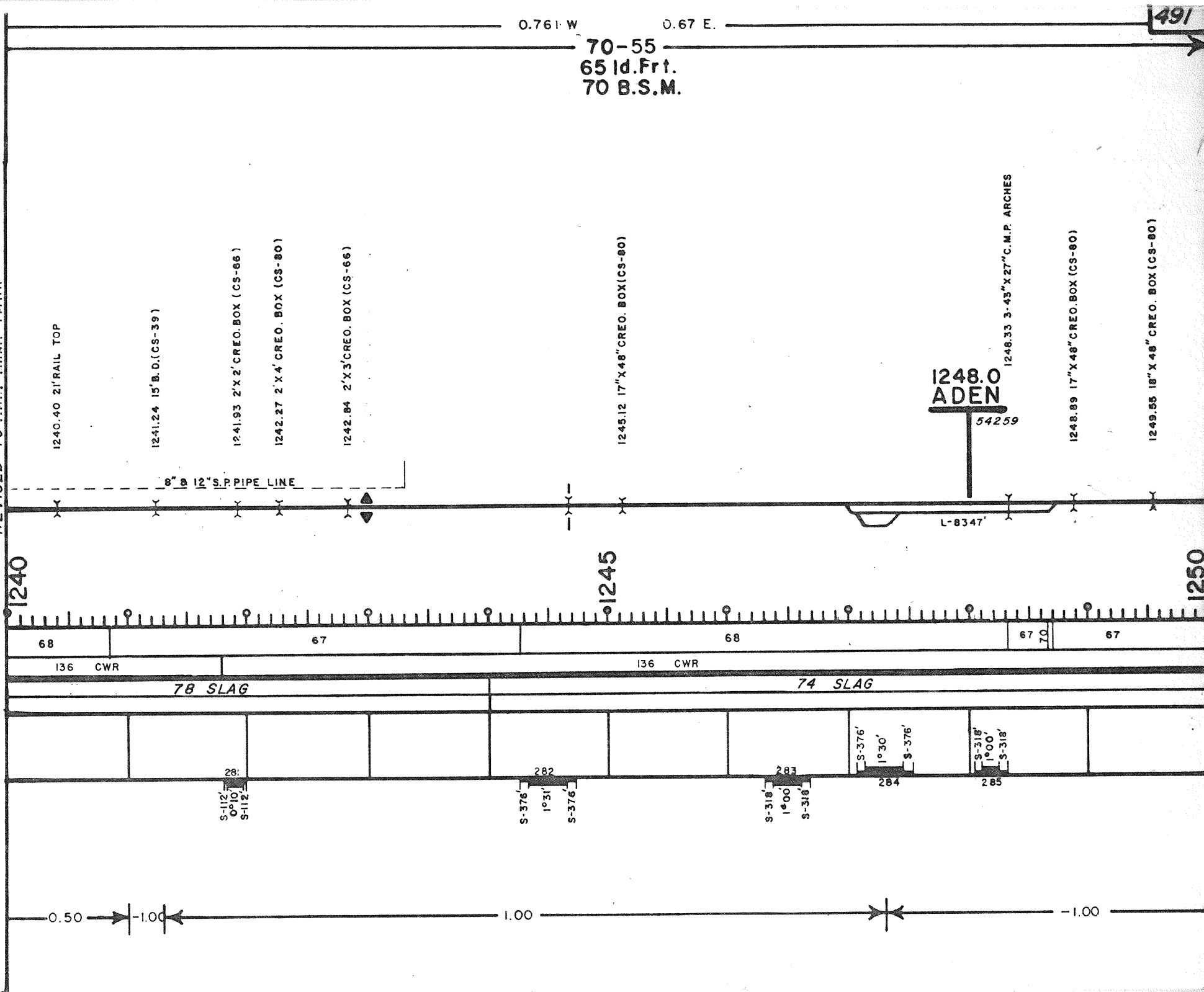
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0.89

0.30

0.50

REVISED TO 9-29-78



REVISED TO 9...29...78.

0.761 W.

0.67 E.

752

70-55
65 Id Frt.
70BSM.

1250.82 36" CORR. METAL PIPE

1252.45 17" X 48" CREO. BOX (CS-80)

1258.20 36" C.M.P.

1259.0
AFTON
54271

L-8352'

1250

1255

1260



67

S.H. 65

67

68

63

33

68

CWR

136

CWR

132

CWR

136

74 SLAG

78 SLAG

286
S-112
0+20
S-112

287
S-112
0+21
S-112

-1.00

0.70

-1.00

1.00

-1.00

0.20

-0.20

REVISED TO: 9-29-78

0.761 W.

0.67 E.

493

70-55
65 Id.Frt.
70 B,S.M.

1260.74 17"X 48" CREO. BOX (CS-80)

1261.10 17"X 48" CREO. BOX (CS-80)

1261.38 17"X 48" CREO. BOX (CS-80)

1261.68 17"X 48 CREO. BOX (CS-80)

1262.09 17"X 48" CREO. BOX (CS-80)

1262.70 17"X 48" CREO. BOX (CS-80)

1263.29 17"X 48" CREO. BOX (CS-80)

1264.97 17"X 48" CREO. BOX (CS-80)

1266.28 17"X 48" CREO. BOX (CS-80)

1267.13 3'X 4' CREO. BOX

1269.0
LANARK
54277

L-8380

1260

1265

1270

68

69

65

51

65

50

65

136

CWR

CWR

132

CWR

136

132

136

78 SLAG

78 SLAG

CWR

288

S-112'

0°30'

S-112'

-0.2

0.30

-0.30

0.80

-0.20

0.20

-0.55

REVISED TO: 12-31-78

0.761 W.

0.67 E.

494

70-55
65 Id.Frt.
70 B.S.M.

50

1279.0
STRAUSS

54282

70 55
1279.70

1270

1275

50
1277.70

L-8388
40
127920

1280

65

68

SH 78

69

CWR 136

CWR

CWR 132

CWR 136

78 SLAG

NO CURVES

-1.00

1.00

-1.00

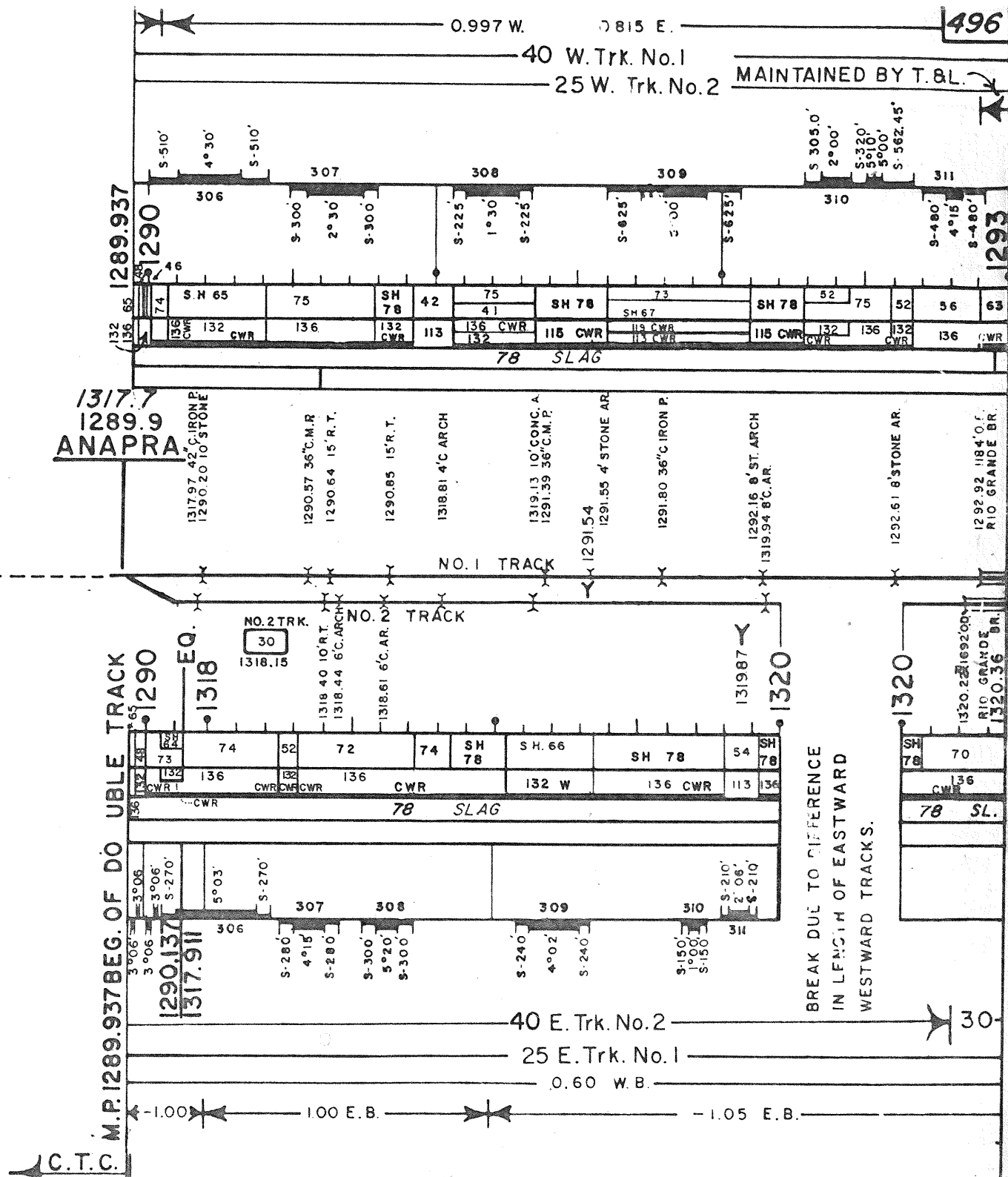
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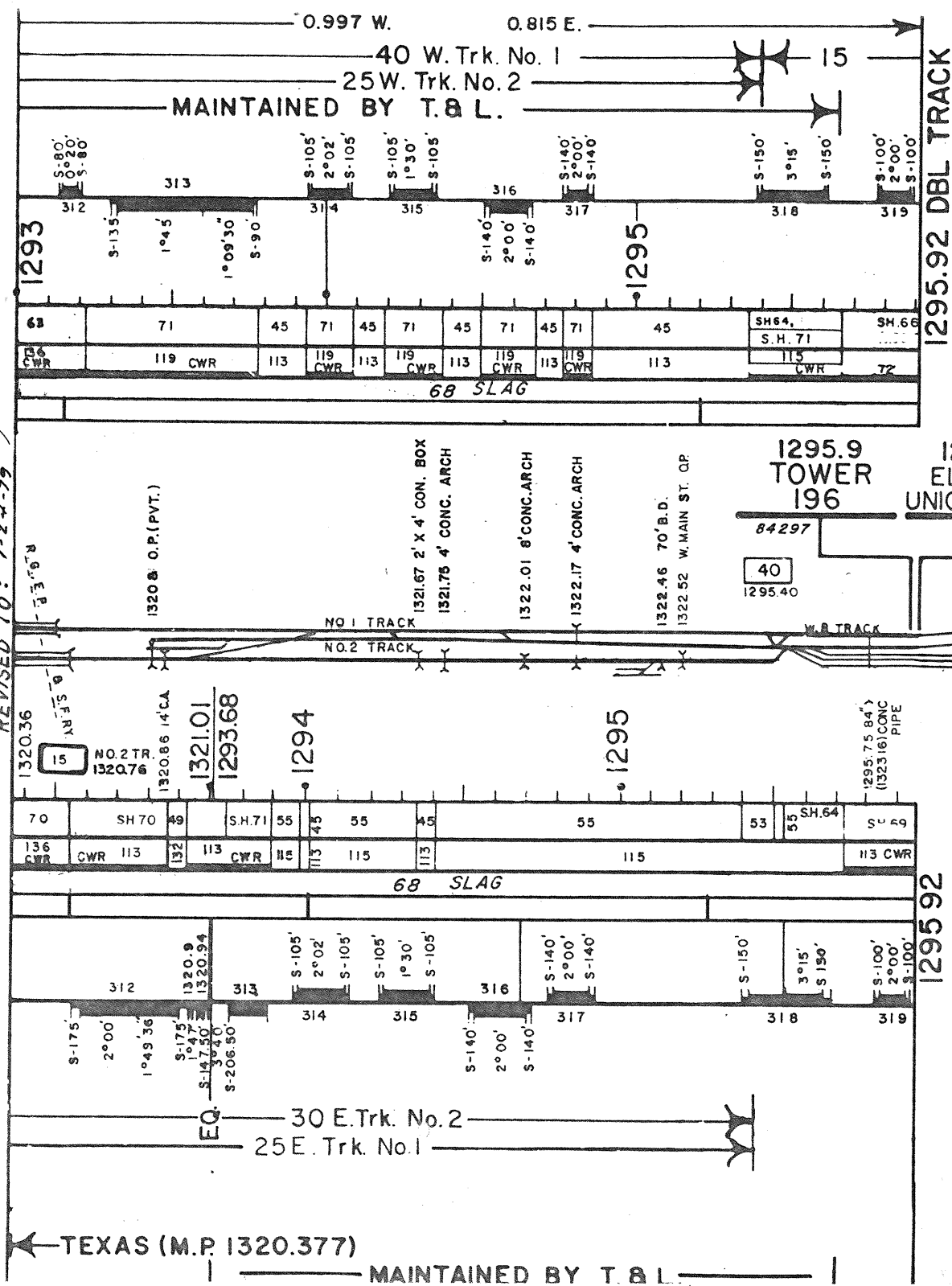
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RT - TO LORDSBURG



REVISED TO: 1-24-79



S.P. M.P. 1320.36

REVISED TO: 2-12-80

S.P. M.P. 1293.00

832.24 T&L

832.24 T&L

