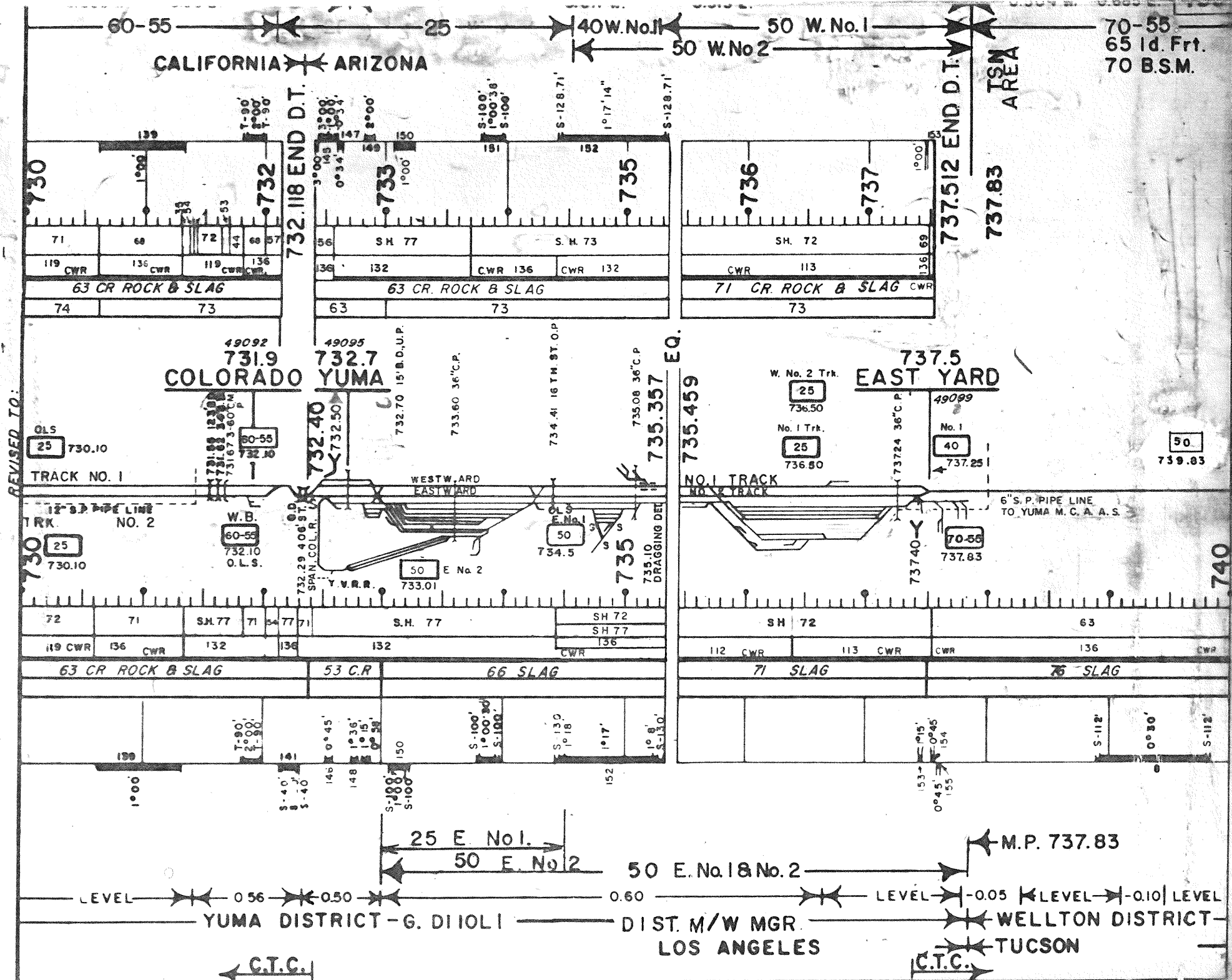




— 40 —

240

741.30 2-OVERPASSES

743.29 35' R.D. CONC. SLAB DR. SILA
PROJECT CANAL

743.7
FORTUNA
50020

744.10 36" CORR. METAL PIPE

744.48 3'x4'CREO. BOX (CS-66A)

744.84 3'X4' C.R.F.O. BOX (C8-88A)

745.12 6"CREO. STAVE PIPE

745.79 780' B.D.(CS-39 , FORTUNA WASHN

746.31 15' B.D. (CS-1601)
746.80 75' B.D. (CS-39)
746.97 60' B.D. (CS-1601)

746.6
BLAISDELL

50300

746.31 15' B.D. (C3-1601)

746.80 75' B.D. (CS-391)

746.97 60' B.D. (CS-1601)

747.30 30' B.D. (CS-1601)
747.44 60' B.D. (CS-1601)

747.76	30" B.D. (CS-1601)
747.88	45" B.D. (CS-1601)
747.94	36" CONC PIPE
748.11	40" SS PIPE
748.15	36" C.M.P.
748.17	10" STEEL PIPE
748.25	36" CONC. PIPE
748.39	36" C.M.P.
748.43	3' X 4' CREO. BOX
748.60	225" B.D. (CS 39)

748.88 3-16"x 48" CREO. BOXES
749.01 6'X6'CONC BOX (CE-15564)

49-28 6'x6' CONC. BOX

749.55 60" C. M. P.

749.79 6'x6' CONC: BOX (CE-15364)
749.89 7'x8' CONC: BOX (CE-1601)

742.59 31"X10" C.M.P. ARCH.

70-55
748.58

S.H. 74,

55.
744,58

745

40
746.58

750

63	63	68	SH 67	68	60	68	62	68	74	61	70	74	70	72	76	79	79	60	72	68
			75							75				79	74	75	74			
136			CWR	132 CWR	CWR					136			CWR H.S.					CWR		

72 SLAG

S-250' 1°00'30" S-250'

3-113
3-112

S-376'
I 1041'
S-376'
S-376'
I 1038'
S-376'

S-285' 1'15'09" S-285'

9-329,
1036,
9-329.

9-250
2-00
9-250

5-240
400
5-240
5-250
2000
5-250
5-360
6000
5-360

0.10

-0.10

0.20

- 0.50

55

- 0 50

— 000

...and

0.504 W. 0.685 E

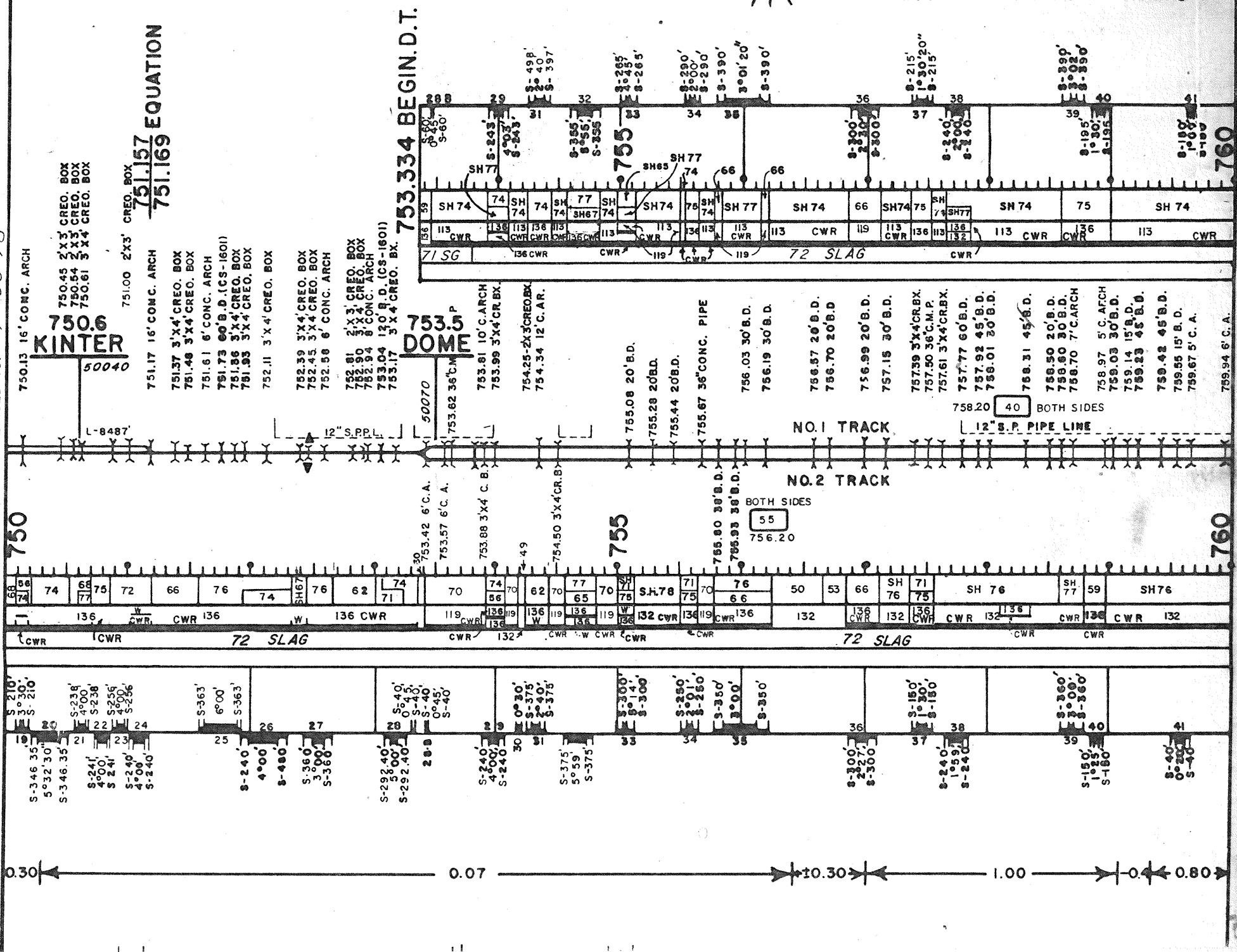
40

55 E. & W. No. 1 & No. 2 TRACKS

441

092

097



55-E. & W. NO. 1 NO. 2

0.504 W.

0.683 E.

70-55-E. & W. NO. 1 & NO. 2

65 Identified Freight

70 B.S.M.

442

REVISED TO: 6-29-79

50070
760.2
LIGURTA770.0
WELLTON
50080

NO. 1 TRACK

NO. 2 TRACK

55 BOTH SIDES

12" S.P. PIPE LINE

X-OVER TO NO. 1

X-OVER TO NO. 2

BETWEEN NO. 1 &
NO. 2 TRKS.

X-OVER TO NO. 1

E. NO. 1

E. NO. 2

O.L.S.
50
768.72
C. M. P. ARCH
768.83 2-3' X 50'50070
760.2
LIGURTA770.0
WELLTON
50080

NO. 1 TRACK

NO. 2 TRACK

55 BOTH SIDES

12" S.P. PIPE LINE

X-OVER TO NO. 1

X-OVER TO NO. 2

BETWEEN NO. 1 &
NO. 2 TRKS.

X-OVER TO NO. 1

E. NO. 1

E. NO. 2

O.L.S.
50
768.72
C. M. P. ARCH
768.83 2-3' X 50'

CWR

72 SLAG

1325

±1.00

-0.85

0.20

0.30

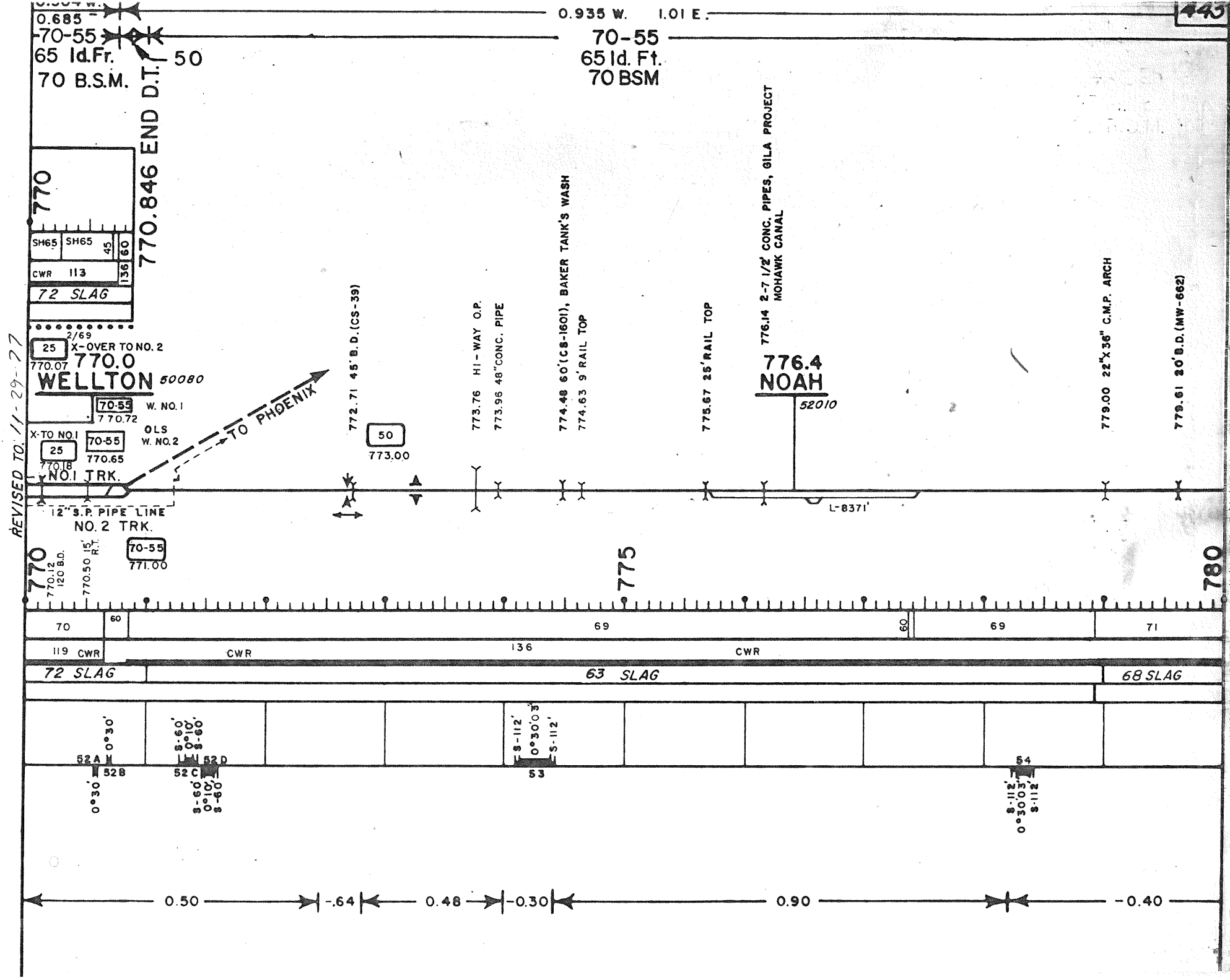
-0.50

0.70

-0.7

0.56

-0.08



REVISED TO 11-29-77

REVISED TO: 5-2-77

780.07 2'-72" X 44" CORR. METAL PIPE ARCHES

780.60 2'-40" X 44" C. M. P. ARCH.

781.49 4'-43" X 27" X 40" C.M.P. ARCHES

781.68 3' X 4' CREO. BOX (CS-66A)
781.76 3' X 4' CREO. BOX (CS-66A)

782.29 3' X 4' CREO. BOX (CS-66A)

782.46 11' RAIL TOP

782.62 2' X 3' CREO. BOX (CS-66)

783.8
COLFRED

52018

L-84'5"

783.45 4'-72" X 44" C.M.P.A.

783.60 2'-36" X 58" CORR. METAL PIPE

784.67 60' B.D. (CS-1601)

785.06 75' B.D. (CS-39)

785.93 50' X 31" C.M.P. ARCH

788.71 30' B.D. (CS-341)

788.94 20' B.D. (CS-1605)

789.20 27' X 43" C.M.P. ARCH.

780

785

790

71		76	69		76	SH 69	
136 CWR		CWR	CWR	136	136 CWR	132 CWR	136 CWR
68 SLAG			63 SLAG			72 SLAG	77 SLAG

NO CURVES

-0.40 0.20 -0.30 0.10 -0.80 1.00

REVISED TO: 5-2-77

0.935 W.

1.01 E.

446

70-55
70 BSM
65 Id. Frt.

800.5
STOVAL
52031

802.24 2-2'X4' CREO. BOXES (CS-60)

802.72 13'R.T.

804.08 13'R.T.

806.61 3-50X31 C.M.P. ARCH
806.72 13'R.T.

806.99 2-2'X4' CREO. BOXES (CS-80 TYPE)
807.10 10'B.D. (CS-341)

807.42 31"X50" C.M.P. ARCH

807.67 2'X3' CREO. BOX (CS-66)

807.83 31"X50" C.M.P. ARCH

807.95 13'R.T.

808.12 13'R.T.

808.21 13'R.T.

808.38 13'R.T.

808.61 20'B.D. (MW-662)

809.05 2-48" C.M.P.

809.33 2-43"X27" C.M.P. ARCHES

809.54 2-50"X31" C.M.P. ARCHES

809.84 27"X43" C.M.P. ARCH

800

SH 74-

57

57

57

57

607

805

57

61

136

CWR

CWR

136

CWR

72 SLAG

63

S-200'
0°30'

0.40

-0.26

0.38

REVISED TO 5-20-77

0.935 W.

1.01 E.

447

70-55
70 BSM
65 Id. Frt.

810.06 2-2'X3' CREO. BOXES (CS-80)

810.28 2-50"X31"C. M.P. ARCHES

810.99 43"X27"C.M.P. ARCH

811.16 50'B.D. (CS-1605)

811.9
AZTEC
52036

812.30 11'R.T.

812.60 13'B.D. (CE-14616)

812.84 17"X48" CREO. BOX (CS-80)
812.91 2-18" CAST IRON PIPES

813.13 20'B.D. (NW-662)

813.64 14'R.T. (CS-1710)

814.09 90'B.D. (CS-39)

818.53 9'R.T.

819.7
STANWIX
52046

819.53 9'R.T.

819.81 2-12"X48" CREO. BOXES (CS-80)
820.00 2-2'X3' CREO. BOXES (CS-80)

810

815

820

61	72	72	76	72	74
CWR	136	CWR	CWR 136	CWR 136	136 CWR
72SL	69 SLAG			77 SLAG	
63					

0°30'
S-200'

0.38 -0.27 0.65 -0.50 0.18 -0.50 0.53 -0.43

0.43 1.00 0.29 0.92

820 825 830

77 SLAG 136 CWR 74

820.40 825.25 827.25

70-55 60-55 70-55

70 BSM 60 BSM 70 BSM

65 Id. Frt. 60 Id. Frt. 65 Id. Frt.

820.12 40' X 65" C.M.P. ARCH

820.38 2-27" X 43" C.M.P. ARCH

820.84 20' B.D. (CS-1605)

820.85 20' B.D. (CS-1605)

821.10 20' B.D. (CE-19186)

821.36 30' B.D. (CS-341)

823.16 75' B.D. (CS-1601)

823.26 25' R.T.

823.77 10' C.M.P. (MULTIPLATE)

824.04 3' X 4' CREO. BOX (CS-66)

824.17 3' X 4' CREO. BOX (CS-66)

824.32 3' X 4' CREO. BOX (CS-66)

824.54 3' X 4' CREO. BOX (CS-66)

824.66 2-3' X 4' CREO. BOX (CS-80 TYPE)

824.70 2-3' X 4' CREO. BOX (CS-80 TYPE)

824.818 EQUATION

824.89 13' R.T.

825.10 2-3' X 4' CREO. BOXES

825.29 13' R.T.

826.24 20' B.D. (CS-1605)

826.82 20' R.T.

828.79 2-48" C.M.P.

828.93 16' R.T.

829.21 13' R.T. (CS-1710)

829.44 4-43" X 27" X 46" C.M.P. ARCHES

829.76 31" X 50" C.M.P. ARCH

830.0 SENTINEL

52056

L-8369

828.79 2'-48" C.M.P.
828.93 16' R.T.
829.21 13' R.T. (CS-1710)
829.44 4'-43" X 27" X 46' C.M.P. ARCHES
829.76 31" X 50" C.M.P. ARCH

REVISED TO: 5-20-77

70 — 55
70 BSM
65 Id. Frt.

830.12 27" X 43" C.M.P. ARCH
830.48 14" R.T. (CS-1710 A)
830.78 13" O.D., 1 BEAMS

830.0
SENTINEL
52056

832.08 25" R.T. (CS-1710 A)
832.30 16" X 48" CREO. BOX (CS-80)

833.16 2' X 3' CREO. BOX (CS 66)

833.97 16" X 48" CREO. BOX (CS-80)
834.17 16" R.T.

834.59 29" R.T.

834.93 29" R.T.
835.06 3' X 4' CREO BOX (CS-80)

835.75 29" R.T.

836.33 20" B.D. (CS-1605)

836.62 28" R.T.

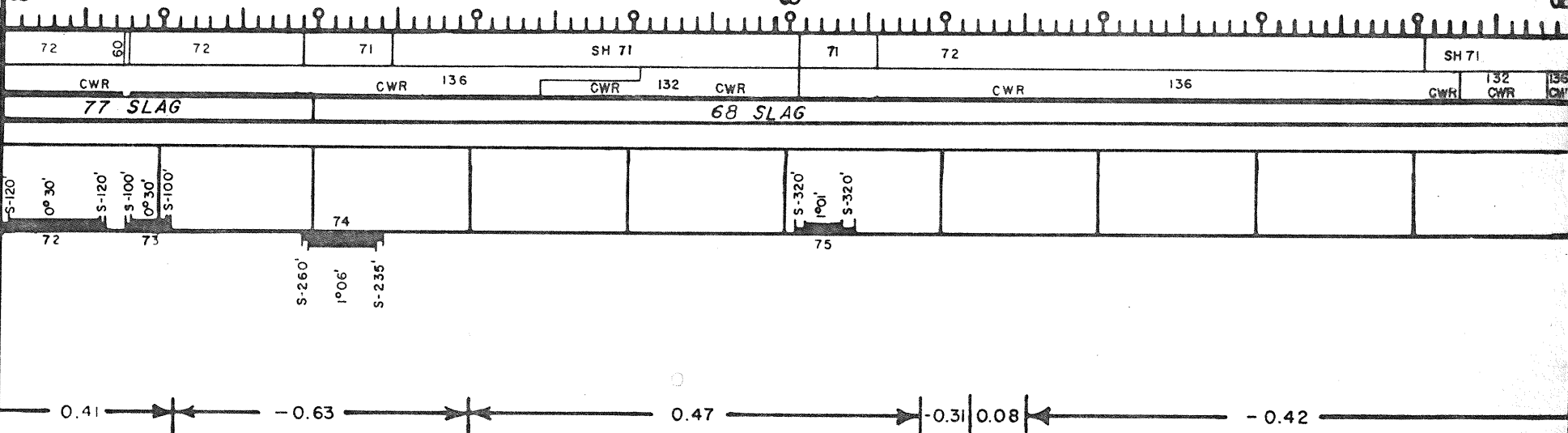
836.99 16" R.T.

839.53 13" J.D. (CE-14616)
**839.9
PIEDRA**
52066

830

835

840



REVISED TO: 8-29-78

0.935 W.

1.01 E.

450

70-55
70 BSM.
65 Id. Frt.

840.43 3'B.D. (CE-17533)

841.01 16"X48"CRCO BOX (CS-80 TYPE)

841.60 2 36" C.M.P.

844.02 22"X36" C.M.P. ARCH.

845.5
THEBA
52072

846.15 45'B.D. (CS-1601) IRRIGATION CANAL

846.44 13'O.D. 1 BEAMS

846.70 3 18"X48"CRCO. BOXES (CS-80)

847.02 3-18"X48"CRCO BOXES (CS-80)

847.27 2-18"X48"CRCO. BOXES (CS-80)

847.63 2-29 X 18 CMFA

847.91 2-18"X36"CRCO BOXES (CS-80)

848.69 60'B.D. (CS-1601) IRRIGATION CANAL

849.49 45' B.D. (CS 39)

L-8392'

L-8356'

840

845

850

SH 71

72

74

SH 69

60

SH 69

78

CWR

136

CWR

68 SLAG

76 SLAG

76 SLAG

76

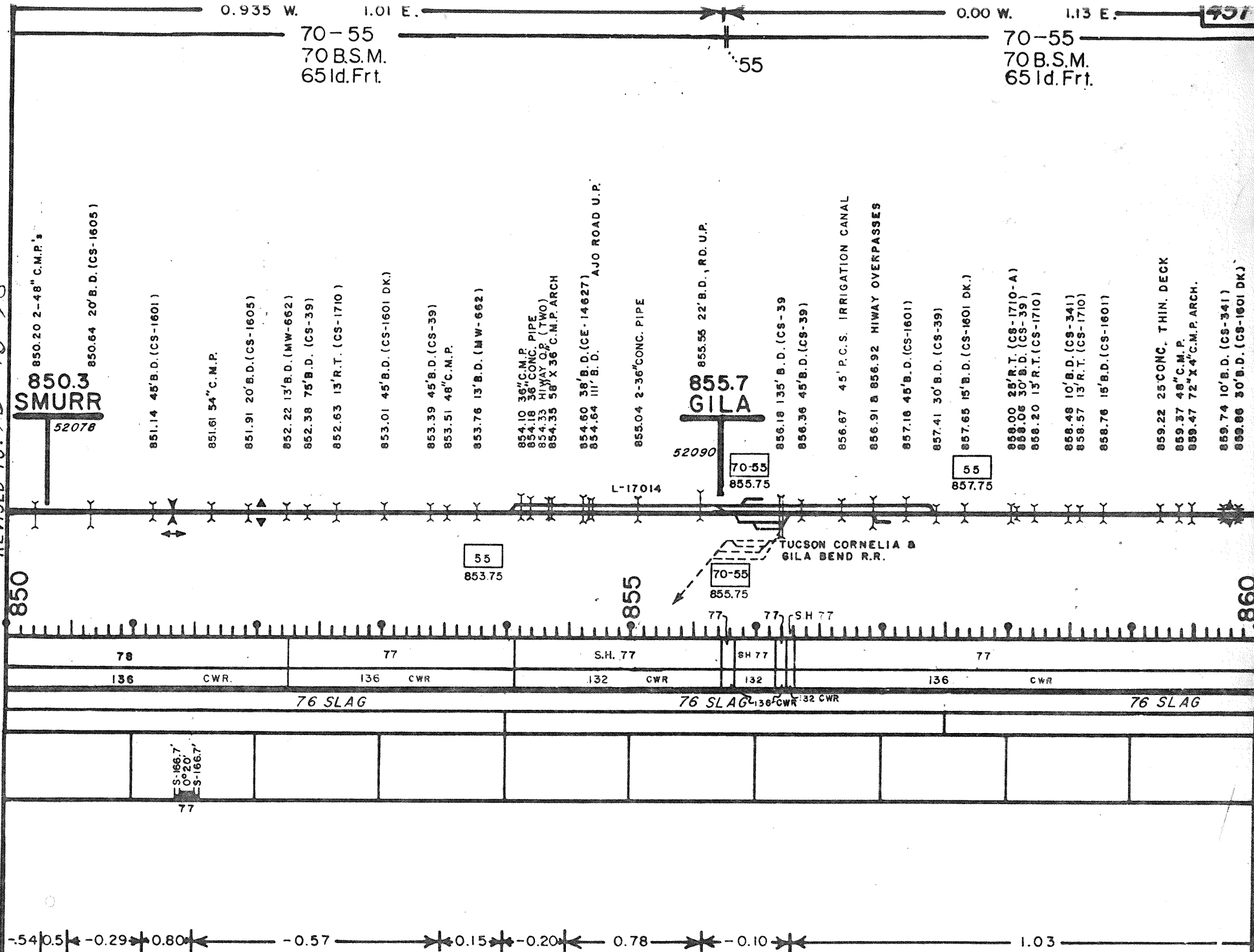
S-101
0°30'
S 101'

-0.22

0.44

0.54

REVISED TO: 10-10-78



REVISED TO: 1-2-80

860.12 34" CONC. PIPE
860.16 6" CONC. ARCH.
860.32 45' B.D. (CS-39)

860.90 48" C.M.P.
860.96 60" C.M.P.
861.08 30' B.D. (CS-1601)

861.37 15' B.D. (CS-1601)

861.53 72" X 44" C.M.P. ARCH
861.75 45' B.D. (CS-39)

862.04 38' P.S.P.C. - B.D.

862.32 15' B.D. (CS-1601)

862.69 37' RAIL TOP (CS-1710-A)
862.83 30' B.D. (CS-341)

863.0
BOSQUE
52107

863.11 20' B.D. (CE-19186)

863.35 30' B.D. (CS-341)

863.71 37' R.T.

864.19 60' B.D. (CS-39)

864.76 30' B.D. (CS-341)

865.46 38' B.D. (CE-19186)

866.87 15' B.D. (CS-39)
70-55
866.90

867.442
EQUATION
867.628

867.38 45' B.D. (CS-39)

868.01 8' X 10' CONC. BOX

868.88 60' B.D. (CS-39)

869.34 30' B.D. (CS-39)
869.87 24' X 48' C.M.P.
870.0
SHAWMUT
52114

860

865

867

868

870

77

74

71

59

78

77

59

136

CWR

136

CWR

136

CWR

76 SLAG

76 SLAG

3-350'
3-03'
3-350'

78

3-350'
3-00'
3-350'

79

80

3-350'

81

2-30'

81

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

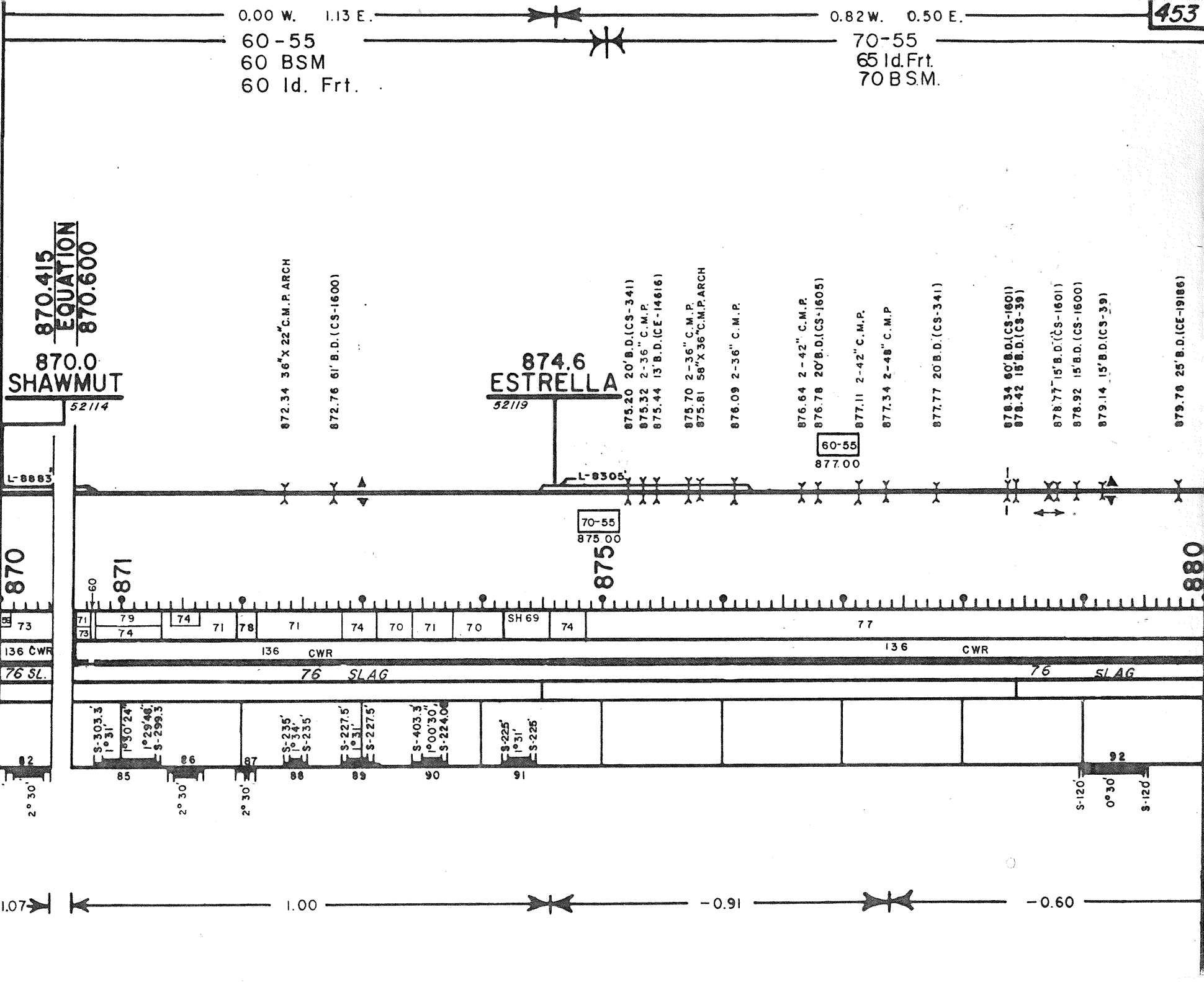
60-55
60- Id. Frt.
60 B.S.M.

0.00 W. 1.13 E

1.03

1.07

REVISED TO: 1-2-80



REVISED TO: 8-29-78

0.82 W.

0.50 E.

454

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

880.08 20' B.D. (CS-341)

880.29 15' R.T. (CS-1710)

880.45 15' R.T. (CS-1710)

880.88 20' O.D.

881.20 21' R.T. (CS-1710)

881.45 13' R.T.

881.75 13' O.D., 1 BEAMS

881.99 20' B.D. (CS-1605)

882.15 2 - 48" C.M.P.'S

882.37 2 58" X 36" C.M.P. ARCH

882.66 13' O.D., 1 BEAMS

882.91 15' R.T.

883.25 13' O.D., 1 BEAMS

883.46 30' B.D. (CS-1605)

883.7
MOBILE

52128

884.00 20' B.D. (CS-341)

884.39 13' B.D. (CE-14616)

884.50 60' B.D. (CS-1601)

884.73 13' B.D. (CE-14616)

884.97 16' R.T.

885.29 15' R.T.

885.53 13' O.D., 1 BEAMS

885.82 38' B.D. (CE-19186)

885.98 20' B.D. (CS-341)

886.22 4 - 40" STEEL PIPES

886.57 2 - 58" X 36" C.M.P. ARCHES

886.81 2' X 3' CREO. BOX (CS 66)

886.96 2 - 30" X 48" CREO. BOXES

887.19 2' X 3' CREO. BOX (CS 66)

887.32 2 - 30" X 48" CREO. BOXES (CS-60)

888.57 13' R.T.

889.59 2' X 3' CREO. BOX (CS 66) TYPE

890.0
ENID

890.57 2' X 3' CREO. BOX (CS-60)

L-8330'

L-8159'

880

885

890

77

76

75

76

74

136 CWR

136 CWR

76 SLAG

68 SLAG

68 SLAG

9-120'
0-30'
9-120'

-0.60

0.82 W.

0.50 E.

70-55
70 BSM
65 Id. Frt.

REVISED TO: 1-30-78

890.0
ENID

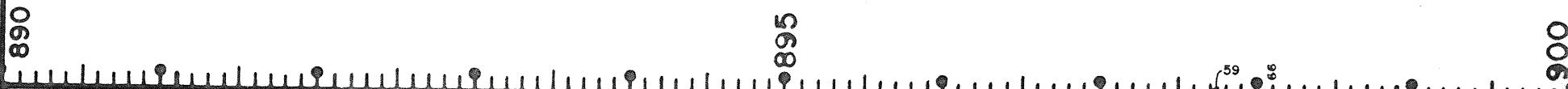
897.8
MARICOPA

890.33 15' B.D. (CS-1600)
890.99 20' B.D. (CS-1605)
891.59 20' B.D. (CS-1605)
892.15 20' B.D. (CS-1605)
893.10 15' R.T. (CS-1710)
893.72 10' B.D. (CS-341)
894.26 15' B.D.
894.52 25' R.T.
894.73 25' CONC. THIN DECK
894.83 25' CONC. THIN DECK
894.92 60' B.D. (CS-39)
895.04 60' B.D. (CS-39)
895.19 25' R.T.
895.33 15' B.D. (CS-1601)
895.72 40' B.D. (CS-1605)
896.03 20' B.D. (CS-1605)
896.24 40' B.D. (CS-341)
896.37 45' B.D. (CS-39)
896.58 40' B.D. (CS-341)
896.89 25' B.D. (CE-19186)
897.22 15' B.D. (CS-1600)
898.13 45' B.D. (CS-1601)
898.55 25' B.D. (MW-662)
898.96 120' R.D. (CS-1600) SANTA CRUZ RIVER
899.28 30' B.D. (CS-39)
899.71 2'-36" C.M.P.'S

L-8359'

L-8308'

8" S.P. PIPE LINE



68 SLAG

77 SLAG

136 CWR

132 CWR

S-60'

0°10'

S-40'

- 0.60

0.55

REVISED TO: 6-22-79

909.89 20'B.D. (CE - 19186)

8" S P PIPE LINES

L-8330

09

SH 63

132

77 SLAG

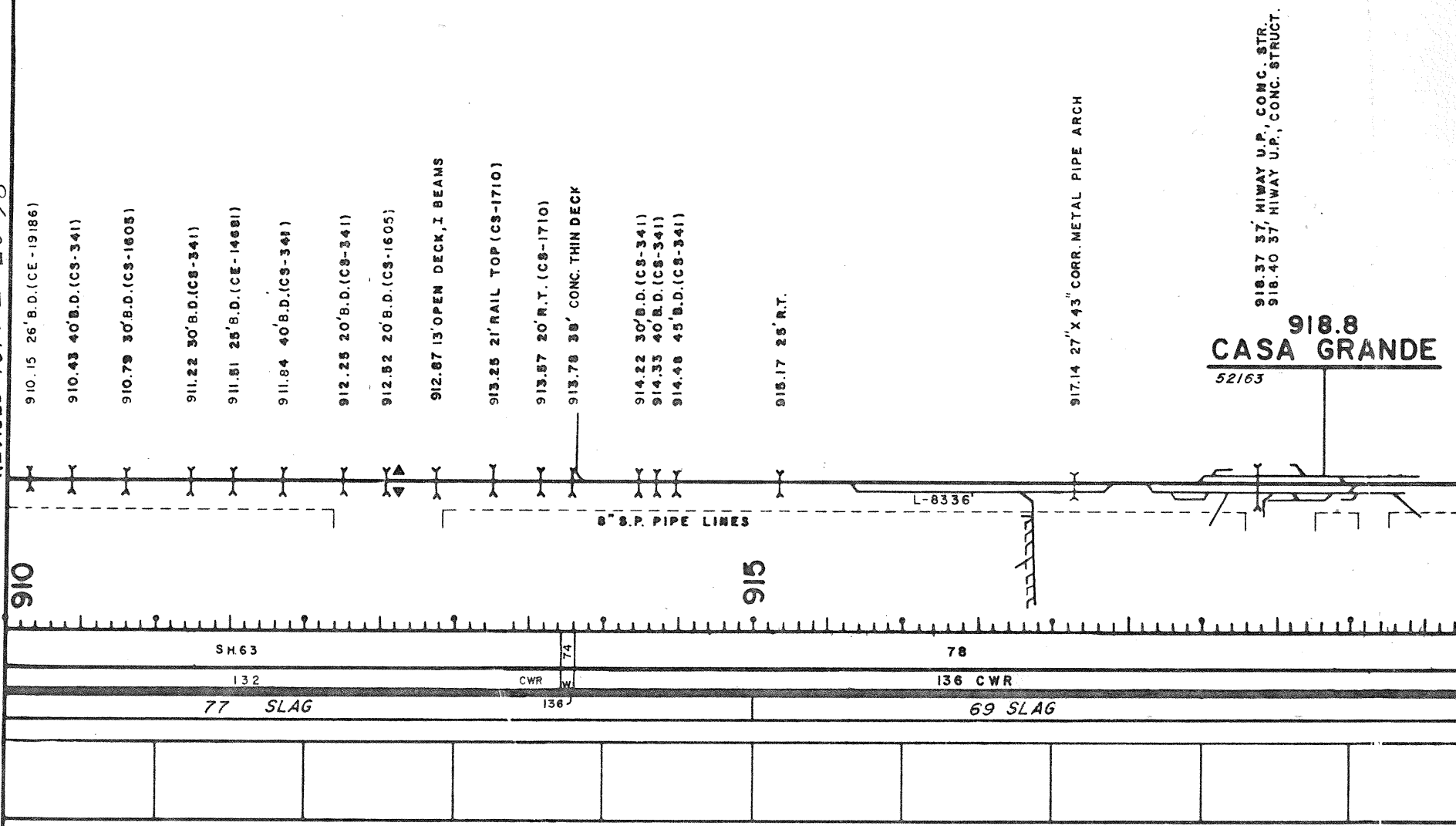
NO CURVES

0.55

0.82 W. 0.50 E.

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

REVISED TO: 12-20-78



918.8
CASA GRANDE
52163

NO CURVES

0.55 ———— 0.25 ———— 0.55

REVISED TO 2 - 21 - 1999

0.82 W. 0.50 E.

458

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

921.0
SECO
52167

922.77 27" X 43" C.M.P. ARCH

923.81 30" B.D. (CS-1601) IRRIGATION CANAL
923.89 25" O.D. 1 BEAMS
923.83 2 - HWY. O.P.'s

924.10 20" B.D. (CS-341)

924.32 36" X 22" C.M.P. ARCH

924.61 36" X 22" C.M.P. ARCH

924.99 10" B.D. (CS-1605)

925.30 15" R.T. (CS-1710)

925.55 36" X 22" C.M.P. ARCH

925.80 13" B.D. (MW-662)

925.99 13" B.D. (MW-662)

926.29 3-36 X 22 CM.P.A.'S

926.52 20" B.D. (CS-1605)

926.74 3-36 X 22 CM.P.A.'S

927.04 3-36 X 22 CM.P.A.'S

927.61 2-31" X 50" C.M.P. ARCHES

928.4
TOLTEC
52174

928.65 3-30" C.M.P.'S

928.95-2' X 4' CREO BOX

929.25 3-27" X 16" C.M.P. ARCHES

929.64 2-25" X 16" C.M.P. ARCHES

929.80 25" R.T.

929.98 2-25" X 16" C.M.P. ARCHES

8" S.P. PIPE LINE

L-3344'

920

925

930

78

77

136 CWR

136 CWR

69 SLAG

77 SLAG

NO CURVES

0.55

REVISED TO 1-30-78

0.82 W.

0.50 E.

0.00 W

0.970 E

459

70-55
70B SM
65ld Frt.

- 930.36 40" B.D. (CS-341)
- 930.63 20" B.D. (CS-341)
- 930.90 30" B.D. (CS-341)
- 931.25 20" B.D. (CS-341)
- 931.51 3'X4' CREO. BOX (CS-80 TYPE)
- 932.01 2-36"X22" C.M.P. ARCHES
- 932.41 3'X4' CREO. BOX
- 932.72 20" B.D. (CS-1605)
- 933.69 4-40"X65" C.M.P. ARCHES
- 933.93 4-40"X65" C.M.P. ARCHES
- 934.11 2-24"X42" CREO. BOXES (CS-80)
- 934.28 2-24"X42" CREO. BOXES (CS-80 TYPE)
- 934.59 2-30" C.M.P.
- 934.95 36" C.M.P.
- 934.97 13" B.D. (CE-14816)
- 935.27 20" B.D. (CS-1605)
- 935.65 15' RAIL TOP (CS-1710)
- 936.12 & 936.13 HIWAY OVERPASSES
- 936.31 27" R.T.
- 936.65 13" B.D. (CE-14816)
- 936.73 13" B.D. (CE-14816)
- 936.75 31"X50" C.M.P. ARCH
- 936.89 20" B.D. (CS-341)
- 939.46 2-40" STEEL PIPES

FIG 33.1
FLOY
52179

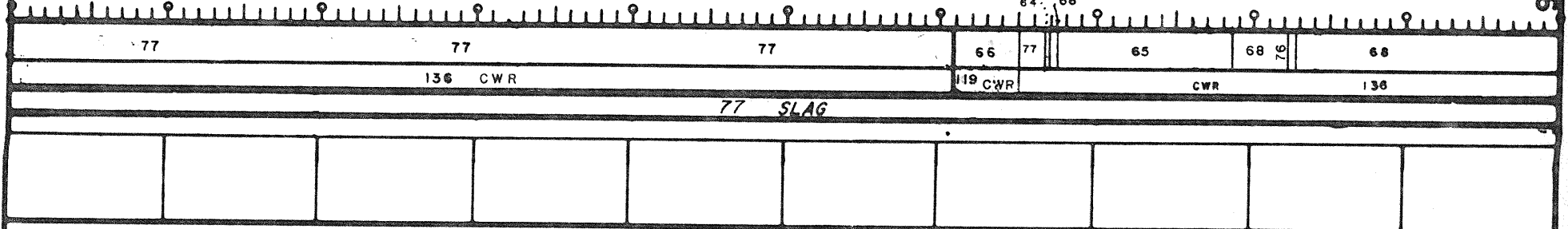
M.P. 936.693
JCT. PHOENIX LINE
936.7
PICACHO
52200

THRU X OVER
PHOENIX LINE
25
936.48

930

935

940



NO CURVES

0.55

REVISED TO: 6-10-77

0.00 W. 0.970 E.

460

70-55
70 BSM'
65 Id. Frt.

940.09 20' B.D. (CS-1605)

940.72 15' B.D. (CS-1601)

941.38 2-18" X 48" CREO. BOXES (CS-80 TYPE)

941.70 2-18" X 48" CREO. BOXES (CS-80 TYPE)

941.92 2-20" S.S.P.

942.53 20' RAIL TOP

943.27 15' O.D. 1 BEAMS

943.86 15' R.T. (CS-1710)

943.90 15' B.D. (CS-39)

944.57 15' B.D. (CS-39)

944.86 4-50" X 31" C.M.P.A.

945.81 3-72" C.M.P.

947.48 38' B.D. (MW-662)

947.74 25' B.D. (CE-19186)

948.24 50' B.D. (CS-341)

948.62 25' B.D. (CE-19186)

948.86 50' B.D. (CS-341)

949.81 45' B.D. (CS-39)

944.2
WYMOLA

52209

L-6381'

6" 8" S.P. PIPE LINES

940

945

950

68

62

50

50

63

CWR

136

CWR

CWR

136

CWR

77 SLAG

136

77 SLAG

95

96

S-60'

0°10'

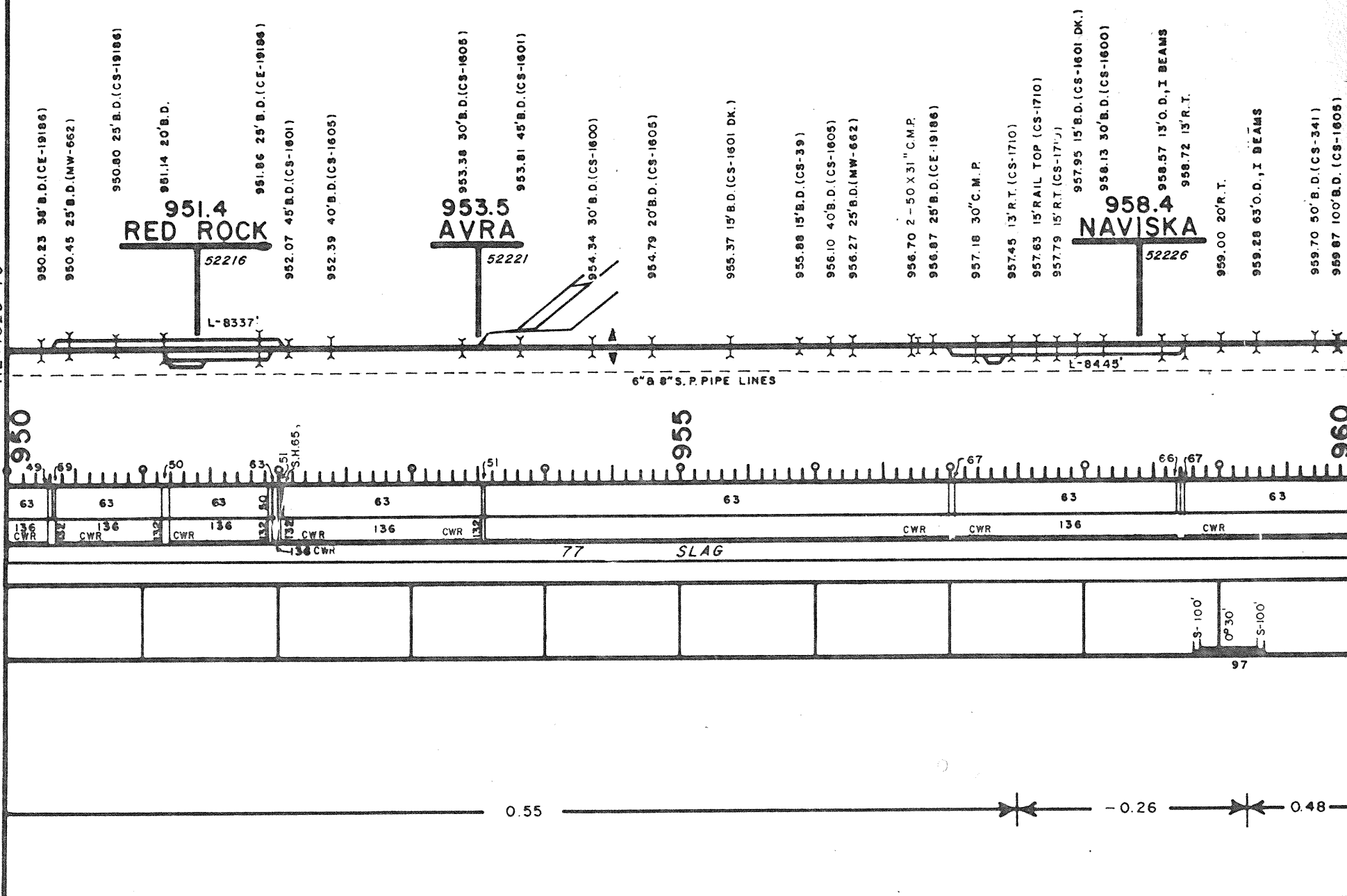
S-60'

S-316'

S-316'

0.55

REVISED TO: 7-7-77



REVISED TO 6-22-79

0.00 W. 0.970 E.

462

70-55
70 BSM
65 Id. Frt.

961.09 42" C.M.P.
961.71 2' X 3' CREO BOX
961.91 13' O.D., I BEAMS
962.52 2-60" X 38' C.M.P.
962.75 43' RAIL TOP
962.97 63' CONC. THIN DECK
963.13 31' R.T.
963.43 84' R.T.
963.65 43' R.T.
964.06 11' R.T. (CS-1710)
965.16 13' O.D., I BEAMS
965.48 14' R.T. (CS-1710)
966.9 56' R.T.
967.00 56' R.T.
967.58 31' R.T.
967.73 21' R.T.
968.21 13' R.T.
968.30 13' R.T.
968.75 21' R.T.
968.88 2' X 3' CREO BOX
969.23 21' R.T.
969.72 30' B.D. (CS-39)

962.2
MARANA
52231

966.9
RILLITO
52238

968.6
PLATA
52241

5' A 8" S.P. PIPE LINES

L-8372

960

965

970

63

64

69

64

64

64

CWR 132

136

CWR 132

CWR 132

136

77 SLAG 64 SLAG

73 SLAG

98

S-112

0°30'

S-112

0.48

0.67

REVISED TOLL - 14 - 79
970.08 30' B.D. (CS-1601 BK)

0.00 W.

0.970 E.

70-55
70 BSM
65 Id. Frt.

465

50

979.380 BEG. D. T.

970.43 20' B.D. (CS-341)

970.72 13' RAIL TOP

971.13 30' B.D. (CS-39)
971.23 30' B.D. (CS-1600)
971.33 30' B.D. (CS-39)

971.55 20' B.D. (CS-1608)

971.79 12' B.D. (CE-14616)

972.66 13' OPEN DECK

972.86 2'-22" X 36" C.M.P. ARCH

973.07 11' RAIL TOP

973.27 47' RAIL TOP

973.46 20' B.D. (CS-1608)

973.90 45' R.T.

974.22 13' B.D. (CE-14616)

974.7
KINO

52251

974.81 330' B.D. (CS-200), CAÑON DEL ORO

975.44 2'-48" C.M.P.
975.47 7' CONC. ARCH

976.95 302' THRU PL. GIR. RILLITO CREEK
B.D. (CE-17764)

977.4
JAYNES

52254

977.67 15' E.D. (CS-1600)

978.03 2'-42" C.M.P.

978.49 2'-42" C.M.P.

978.71 18" X 48" CREO. BOX

979.3
STOCKHAM

52258

979.21 136

CWR 113

55 SLAG

70-55

979.37

A HOT IRON DETECTOR

279.79

143 100" C.M.P.A.

980

SN 70

CWR 136

113

68 SLAG

S-112'
0°30'
S-112'

99

S-306'
1°30'34"
S-306'

100

S-300'
1°00'30"
S-300'

101

S-50'
0°34'
S-50'

101B

0°25'

0.67

-0.16

0.67

C.T.C.

