

770.0  
WELLTON

770.720  
770.720

771.15 HIWAY OVERPASS

772.49 60' B.D. (CS-39)

773.70 36" CONC. PIPE

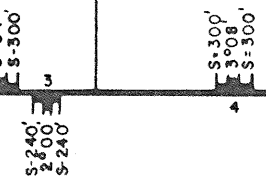
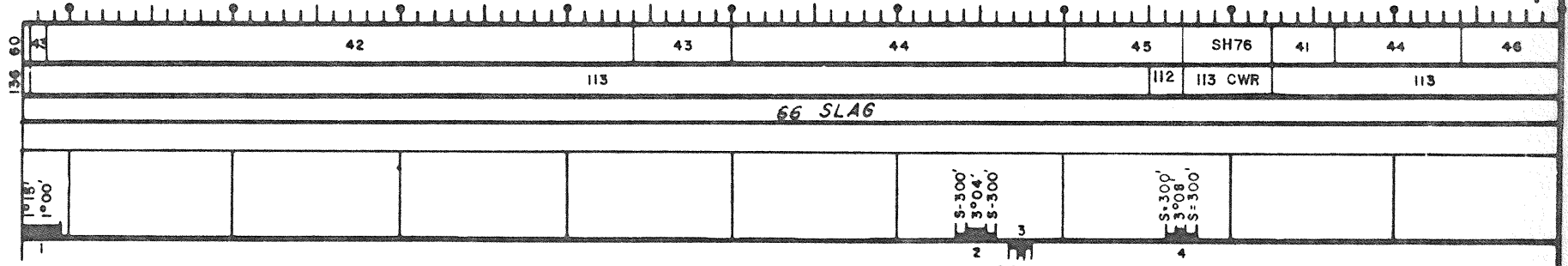
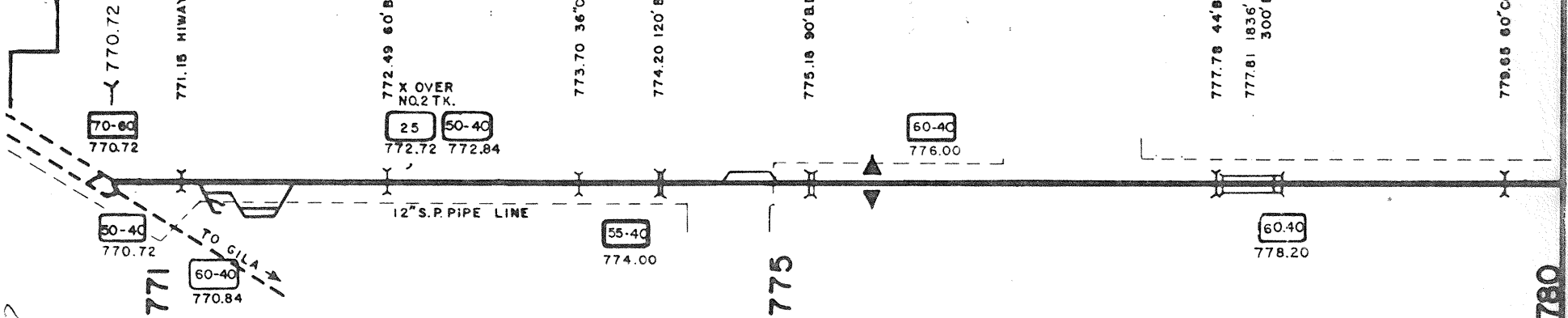
774.20 120' B.D. (CS-39)

775.18 90' B.D. (CS-39)

777.76 44' B.D. (CS-369), HIWAY U.P.

777.81 1836' THRU RIV. STEEL SPANS, I-ST. XING GILA F. I.  
300' B.D. (CS-39), EAST APPROACH

779.65 60" CONC. PIPE, DRAINAGE CANAL



REVISED TO 9-21-77

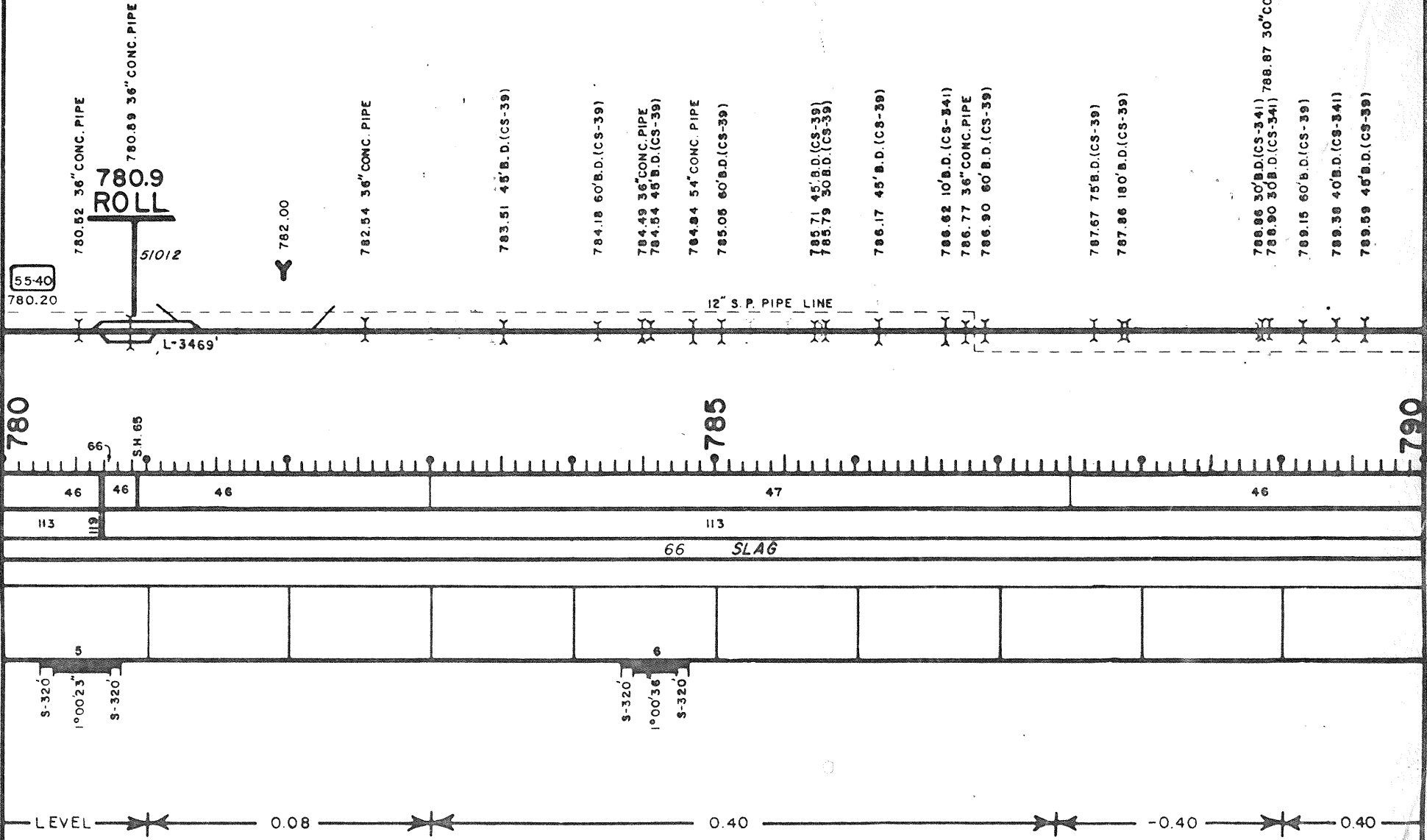
25 THRU X-OVER



0.5 W. 0.5 E.

60-40

REVISED TO



5540

780.20

780

785

790

46

46

46

47

46

113

119

113

66 SLAG

5

6

S-320  
1'00'23"  
S-320

S-320  
1'00'36"  
S-320

LEVEL

0.08

0.40

-0.40

0.40

0.5 W. 0.5 E.

60-40

REVISED TO 790.03 90' B.D. (CS-39)

790.73 60' B.D. (CS-39)

791.55 105' B.D. (CS-39)

792.67 196' B.D. (CS-39)

793.2  
GROWLER

51024

793.51 60' B.D. (CS-39)

793.88 60' B.D. (CS-39)

794.29 60' B.D. (CS-39)

795.01 105' B.D. (CS-39)

795.43 105' B.D. (CS-39)

795.97 45' B.D. (CS-39)

796.36 105' B.D. (CS-39)

797.13 75' B.D. (CS-39)

798.89 10' B.D. (CS-341)

799.44 40' B.D. (CS-341)

12" S.P. PIPE LINE

790

795

800

45

44

47

48

113

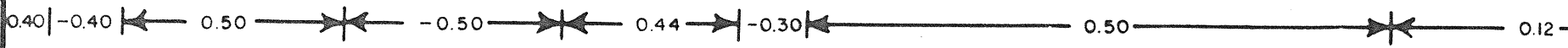
66 SLAG

S-112  
1020  
S-112

S-318  
1005  
S-318

7

8



0.5 W. 0.5 E.

60-40

REVISED 10.9.29.78

800.32 30' B.D. (CS-341)

801.45 30' B.D. (CS-341)

801.97 75' B.D. (CS-39)

802.5  
KOFA  
51034

803.04 75' B.D. (CS-39)

804.27 40' B.D. (CS-341)

804.91 40' B.D. (CS-341)

805.63 40' B.D. (CS-341)

806.26 70' B.D. (CS-341)

807.15 40' B.D. (CS-341)

808.22 40' B.D. (CS-341)

808.72 20' B.D. (CS-341)

808.87 10' B.D. (CS-341)

809.15 40' B.D. (CS-341)

809.87 20' B.D. (CS-341)

809.99 60' B.D. (CS-341)

12" S.P. PIPE LINE

3686

800

805

810

69

48

48

46

48

42

48

47

113

136 CWR

113

59 SLAG

64 SLAG

NO CURVES

0.12

0.15

0.12

0.05

0.35

0.10

0.5 W. 0.5 E.

60 - 40

- 810.39 75' B.D. (CS-39)
- 810.59 105' B.D. (CS-39)
- 810.93 150' B.D. (CS-39)
- 811.74 10' B.D. (CS-34)
- 812.15 45' B.D. (CS-39)
- 812.63 30' B.D. (CS-34)
- 813.09 45' B.D. (CS-39)
- 813.77 10' B.D. (CS-34)
- 814.03 30' B.D. (CS-39)
- 814.43 315' B.D. (CS-39)
- 814.93 60' B.D. (CS-39)
- 815.81 75' B.D. (CS-39)
- 816.32 60' B.D. (CS-39)
- 816.58 45' B.D. (CS-39)
- 816.94 105' B.D. (CS-39)
- 817.30 30' B.D. (CS-39)
- 817.61 75' B.D. (CS-39)
- 818.10 75' B.D. (CS-39)
- 818.58 135' B.D. (CS-39)
- 819.16 105' B.D. (CS-39)

812.38  
HORN

510 44

12" S.P. PIPE LINE

810

815

820

47 46 48 48 44 47 46

113

113

113

64 SLAG

8-60'  
0-10'  
9-60'

9

0.50

REVISED 0 4-18-78



0.5 W 0.5 E  
60-40

REVISED TO

822.3  
HYDER

51053

36.88

12" S.P. PIPE LINE

820.06 45' B.D. (CS-39)

820.81 90' B.D. (CS-1600)

821.56 45' B.D. (CS-39)

821.95 30' B.D. (CS-39)

822.85 30' B.D. (CS-39)

823.68 30' B.D. (CS-39)

824.16 75' B.D. (CS-39)

824.41 75' B.D. (CS-39)

824.96 45' B.D. (CS-39)

825.77 45' B.D. (CS-39)

826.53 90' B.D. (CS-39)

827.39 30' B.D. (CS-39)

827.78 40' B.D. (CS-341)

828.16 40' B.D. (CS-341)

828.47 40' B.D. (CS-341)

828.92 40' B.D. (CS-341)

829.35 150' B.D. (CS-39)

829.75 60' B.D. (CS-39)

820

825

830

48

47

48

48

113

66 SL 46

NO CURVES

0.50

-0.15

0.50

12473

0.5 W.

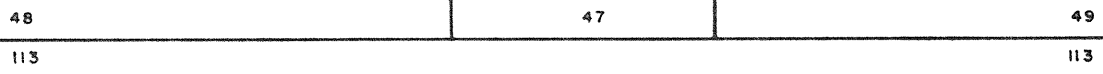
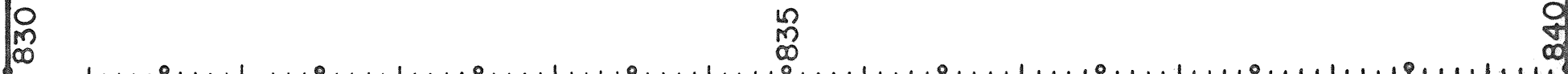
0.5 E.

60-40

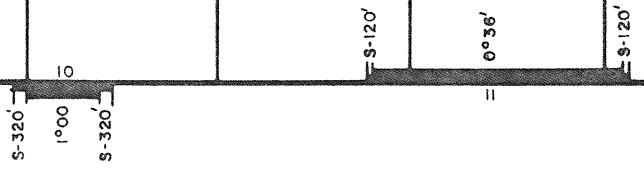
REVISED TC

- 830.23 45' B.D. (CS-39)
- 830.62 60' B.D. (CS-39)
- 831.55 90' B.D. (CS-39)
- 831.88 45' B.D. (CS-39)
- 832.06 60' B.D. (CS-39)
- 832.29 40' B.D. (CS-341)
- 832.57 60' B.D. (CS-341)
- 833.14 40' B.D. (CS-341)
- 834.98 15' B.D. (CS-39)
- 835.35 45' B.D. (CS-39)
- 835.81 135' B.D. (CS-39)
- 836.24 30" CONC. PIPE
- 836.36 90' B.D. (CS-39)
- 836.81 10' B.D. (CS-341)
- 837.05 45' B.D. (CS-39)
- 837.26 105' B.D. (CS-39)
- 837.47 24" CONC. PIPE
- 837.66 75' B.D. (CS-39)
- 838.12 75' B.D. (CS-39)
- 838.36 210' B.D. (CS-39)
- 838.63 30' B.D. (CS-39)
- 838.88 45' B.D. (CS-39)
- 839.25 45' B.D. (CS-39)
- 839.58 210' B.D. (CS-39)
- 839.86 150' B.D. (CS-39)

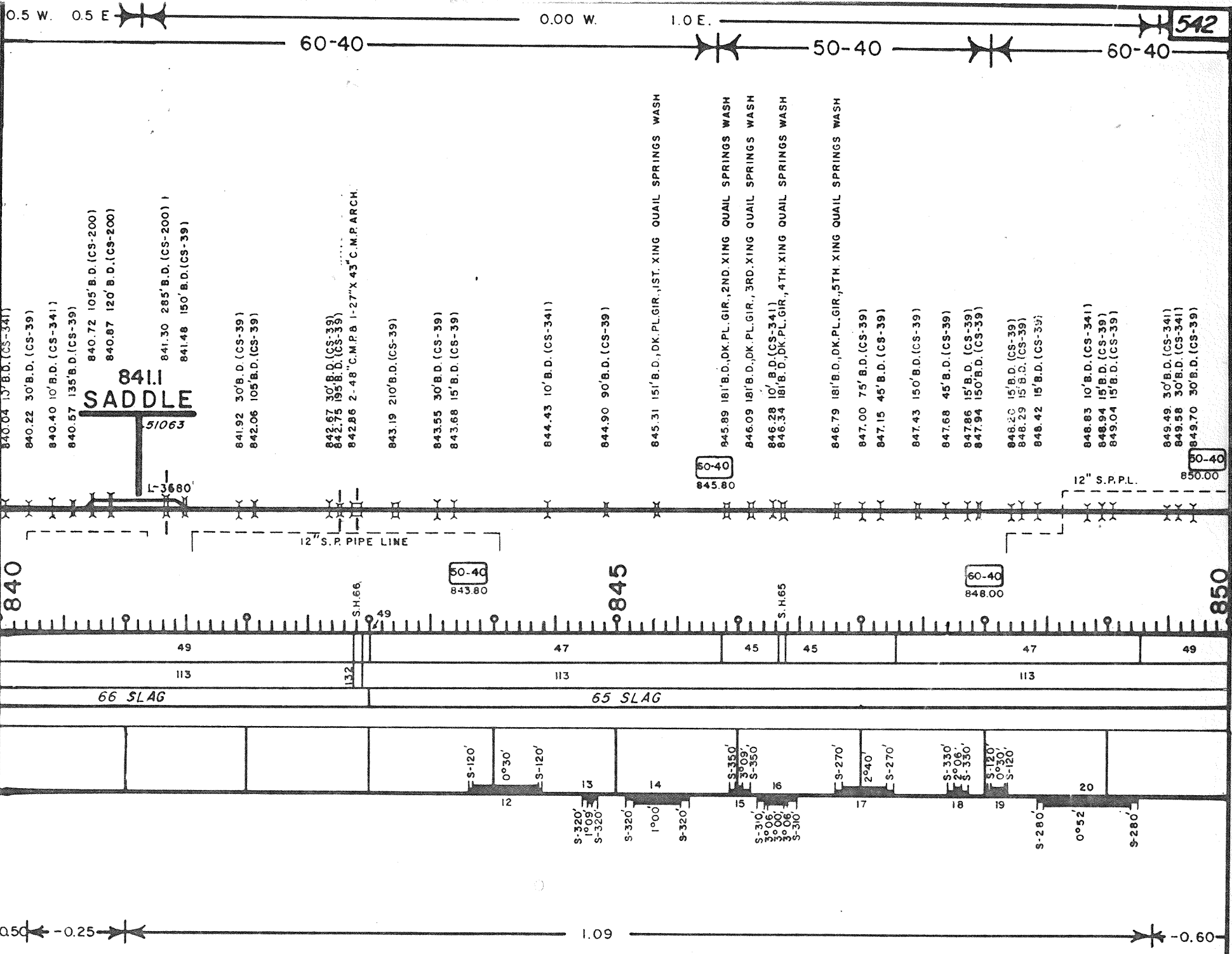
12" S.P. PIPE LINE



66 SLAG



REVISED TO 9-21-77



0.5 W. 0.5 E. 0.00 W. 1.0 E. 542

60-40 50-40 60-40

840.04 10' B.D. (CS-341)  
 840.22 30' B.D. (CS-39)  
 840.40 10' B.D. (CS-341)  
 840.57 135' B.D. (CS-39)  
 840.72 105' B.D. (CS-200)  
 840.87 120' B.D. (CS-200)  
 841.30 285' B.D. (CS-200) |  
 841.48 150' B.D. (CS-39)  
 841.1 SADDLE  
 51063  
 841.92 30' B.D. (CS-39)  
 842.06 105' B.D. (CS-39)  
 842.67 30' B.D. (CS-39)  
 842.75 195' B.D. (CS-39)  
 842.86 2'-48" C.M.P.B. 1'-27" X 43" C.M.P. ARCH.  
 843.19 210' B.D. (CS-39)  
 843.55 30' B.D. (CS-39)  
 843.68 15' B.D. (CS-39)  
 844.43 10' B.D. (CS-341)  
 844.90 90' B.D. (CS-39)  
 845.31 15' B.D., DK. PL. GIR., 1ST. XING QUAIL SPRINGS WASH  
 845.99 181' B.D., DK. PL. GIR., 2ND. XING QUAIL SPRINGS WASH  
 846.09 181' B.D., DK. PL. GIR., 3RD. XING QUAIL SPRINGS WASH  
 846.28 10' B.D. (CS-341)  
 846.34 181' B.D., DK. PL. GIR., 4TH. XING QUAIL SPRINGS WASH  
 846.79 181' B.D., DK. PL. GIR., 5TH. XING QUAIL SPRINGS WASH  
 847.00 75' B.D. (CS-39)  
 847.15 45' B.D. (CS-39)  
 847.43 150' B.D. (CS-39)  
 847.68 45' B.D. (CS-39)  
 847.86 15' B.D. (CS-39)  
 847.94 150' B.D. (CS-39)  
 848.20 15' B.D. (CS-39)  
 848.29 15' B.D. (CS-39)  
 848.42 15' B.D. (CS-39)  
 848.83 10' B.D. (CS-341)  
 848.94 15' B.D. (CS-39)  
 849.04 15' B.D. (CS-39)  
 849.49 30' B.D. (CS-341)  
 849.58 30' B.D. (CS-341)  
 849.70 30' B.D. (CS-39)

12" S.P. PIPE LINE  
 50-40 845.80  
 50-40 848.00  
 12" S.P. P.L. 850.00

840 845 850

49 47 45 45 47 49  
 113 113 113 113  
 66 SLAG 65 SLAG

S-120' 0°30' S-120'  
 S-320' 1°09' S-320'  
 S-320' 1°00' S-320'  
 S-350' 3°09' S-350'  
 S-310' 3°06' S-310'  
 S-300' 3°06' S-300'  
 S-310' 3°06' S-310'  
 S-270' 2°40' S-270'  
 S-330' 2°08' S-330'  
 S-120' 0°30' S-120'  
 S-280' 0°52' S-280'

0.50 -0.25 1.09 -0.60



0.6 W. 0.5 E

60-40

850.01 60' B.D. (CS-341)

850.44 75' B.D. (CS-39)  
850.55 60' B.D. (CS-341)

851.08 45' B.D. (CS-200)  
851.31 30' B.D. (CS-200)

851.65 15' B.D. (CS-39)

851.99 15' B.D. (CS-39)

852.27 30' B.D. (CS-39)  
852.44 60' B.D. (CS-39)

852.74 36" C.M.P.  
852.89 45' B.D. (CS-39)

853.35 75' B.D. (CS-39)

853.97 75' B.D. (CS-39)

855.47 75' B.D. (CS-39)

856.01 75' B.D. (CS-1601 DK)

856.25' 30" NATURAL GAS PIPE

857.56 300' B.D. (CS-39)

858.01 300' B.D. (CS-39)

858.45 300' B.D. (CS-39)

858.85 300' B.D. (CS-39)

859.37 45' B.D. (CS-39)

851.0  
GILLESPIE  
51068

3551'

12" S.P. PIPE LINE

850 855 860

49 48 49 113

65 SLAG 66 SLAG

21  
1'00'36"  
S-320'

22  
5'120'  
9'130'  
S-120'

0.60

0.50

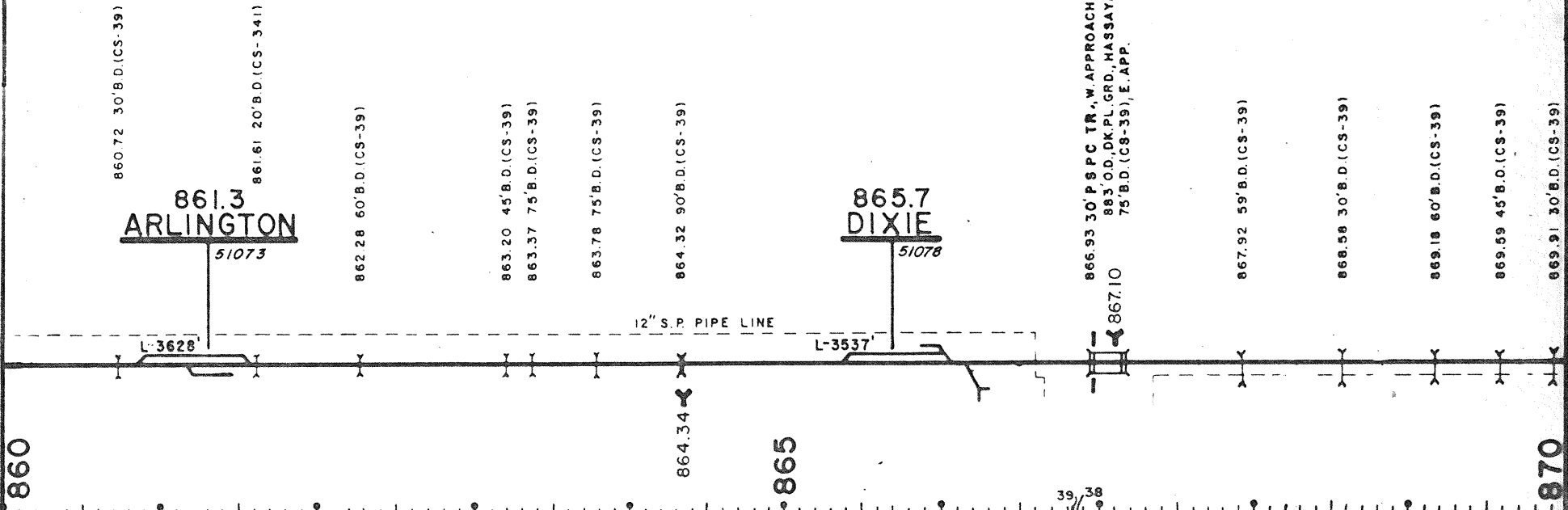
REVISED TO 9-6-79

06 W

05 E

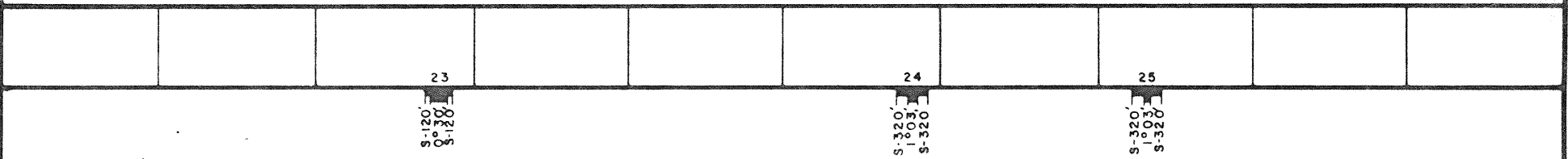
544

60-40



49	36	46	49	48	48	49
113	112		113		113	

66 SLAG



0.6 W. 0.5 E.

60-40

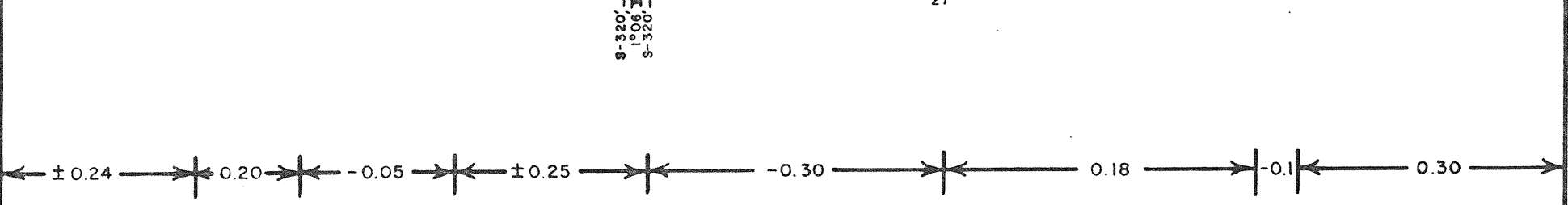
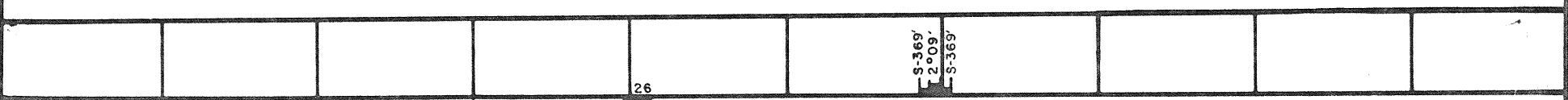
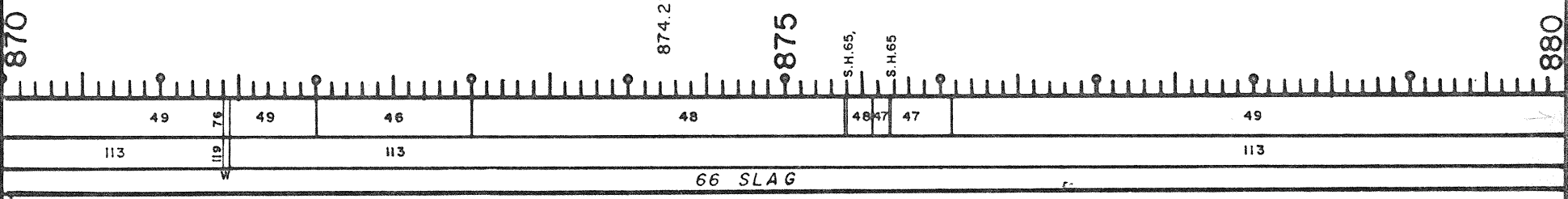
REVISED TO

- 870.08 75' B.D. (CS-39)
- 870.34 36" CONC. PIPE
- 870.46 30' B.D. (CS-39)
- 870.70 20' B.D. (CS-341)
- 871.10 15' B.D. (CS-39)
- 872.05 20' B.D. (CS-341)
- 872.89 30' B.D. (CS-39)
- 873.22 20' B.D. (CS-341)
- 873.58 45' B.D. (CS-39)
- 874.09 30' B.D. (CS-39)
- 874.86 10' B.D. (CS-341)
- 875.35 2-17" X 48" CREO. BOXES (CS-80)
- 876.04 10' B.D. (CS-341)
- 876.42 30' B.D. (CS-39)
- 877.02
- 877.20 30' B.D. (CS-39)
- 877.67 10' B.D. (CS-341)
- 878.09 30' B.D. (CS-39)
- 878.53 40' B.D. (CS-341)
- 879.02 30' B.D. (CS-341)
- 879.28 30' B.D. (CS-39)
- 879.44 30' B.D. (CS-39)
- 879.61 15' B.D. (CS-39)
- 879.92 75' B.D. (CS-39)

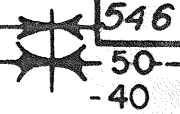
875.7  
BUCKEYE  
51088

L-3707'

12" S.P. PIPE LINE



REVISED TO 9-29-78



0.6 W. 0.5 E.

60-40

880.52 20' B.D. (CS-1605)  
880.65 10' B.D. (CS-341)  
881.24 30' B.D. (CS-39)  
881.42 45' B.D. (CS-39D)

882.00 3' X 4' CREO. BOX (CS-80)

882.30 45' B.D. (CS-39)

882.68 30' B.D. (CS-39)

883.06 30' B.D. (CS-39)

883.46 36" CONC. PIPE

884.04 45' B.D. (CS-39)

885.06 60' B.D. (CS-39)

885.42 20' B.D. (CS-341)

885.67 15' B.D. (CS-39)

885.99 10" STEEL PIPE  
886.03 15' B.D. (CS-39)

886.70 15' B.D. (CS-39)

886.98 10' B.D. (CS-341)

887.39 15' B.D. (CS-39)

887.76 105' B.D. (CS-39)

889.3  
LITCHFIELD JCT.  
5110  
889.7  
LITCHFIELD  
51120

88995 36" CONC. PIPE



12" S.P. PIPE LINE

60-40  
889.30

L-3594'

880

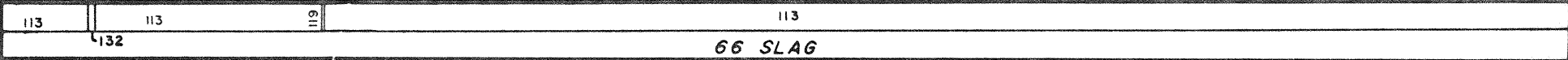
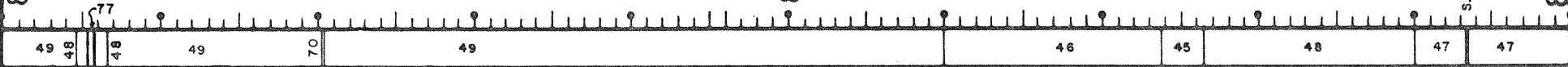
885

50-40  
887.30

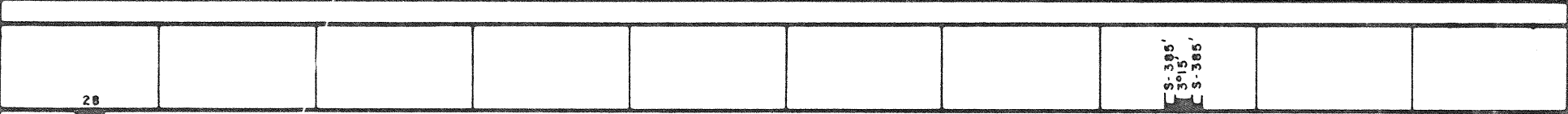
888.80

S.H. 67.

890

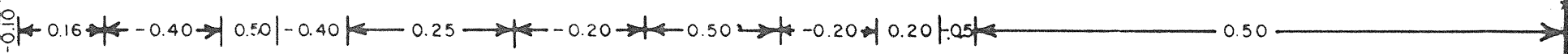


66 SLAG



8-320,  
10-320,  
9-320

9-395,  
3-15,  
S-385



0.1891 W 0.5 E.

50-40

50-30

REVISED TO: 0-29-79

890.60

890.95 225' B.D. (CS-39), W. APPROACH  
765' O.D., TH RIVETED SPANS, AQUA FRIA RIVER  
226' B.D. (CS-39), E. APPROACH

891.43 48" C.M.P.

892.54 24" X 52" CREO. BOX  
892.55 36" C.M.P.  
892.84 3' X 4' BOX

893.0  
CASHION

51123

893.38 3' X 4' BOX  
893.51 36" CONC. PIPE

50-40  
894.50

894.71 42" CONC. PIPE  
894.73 36" C.M.P.

895.7  
TOLLESON

51126

895.73 36" C.M.P.

896.21 30" X 30" CONC. BOX

896.70 3' X 3' CONC. BOX

897.88 10' B.D. (CS-341)

898.1  
FOWLER

51128

897.95 2-5' X 6' CREO. BOXES

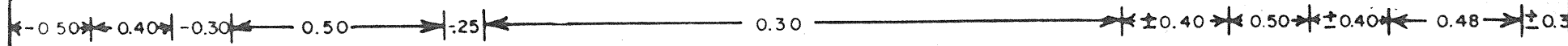
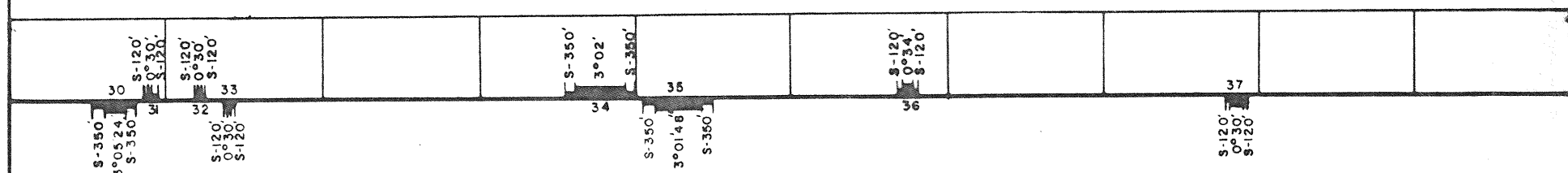
898.72 10' B D (CS-341)

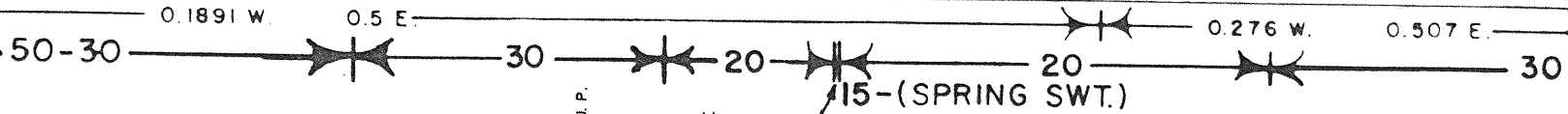
890

895

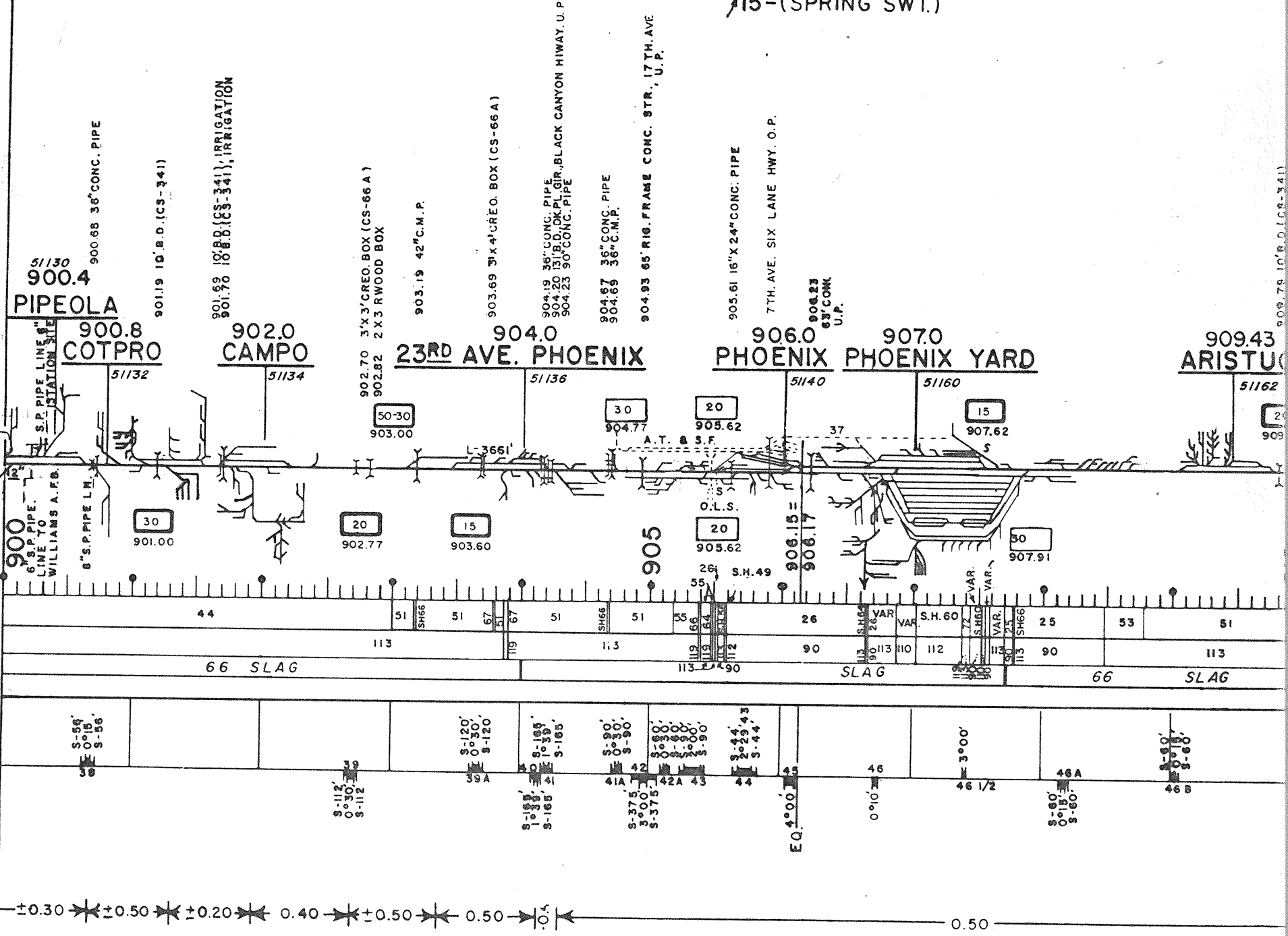
900

47	45	46	73	46	48	45	47	45	76	45	46	46	48	47	46	45
113	112	119	112			113	110	113	119	113	119			113		
CWR				66 SLAG												





REVISED TO: 10-4-79

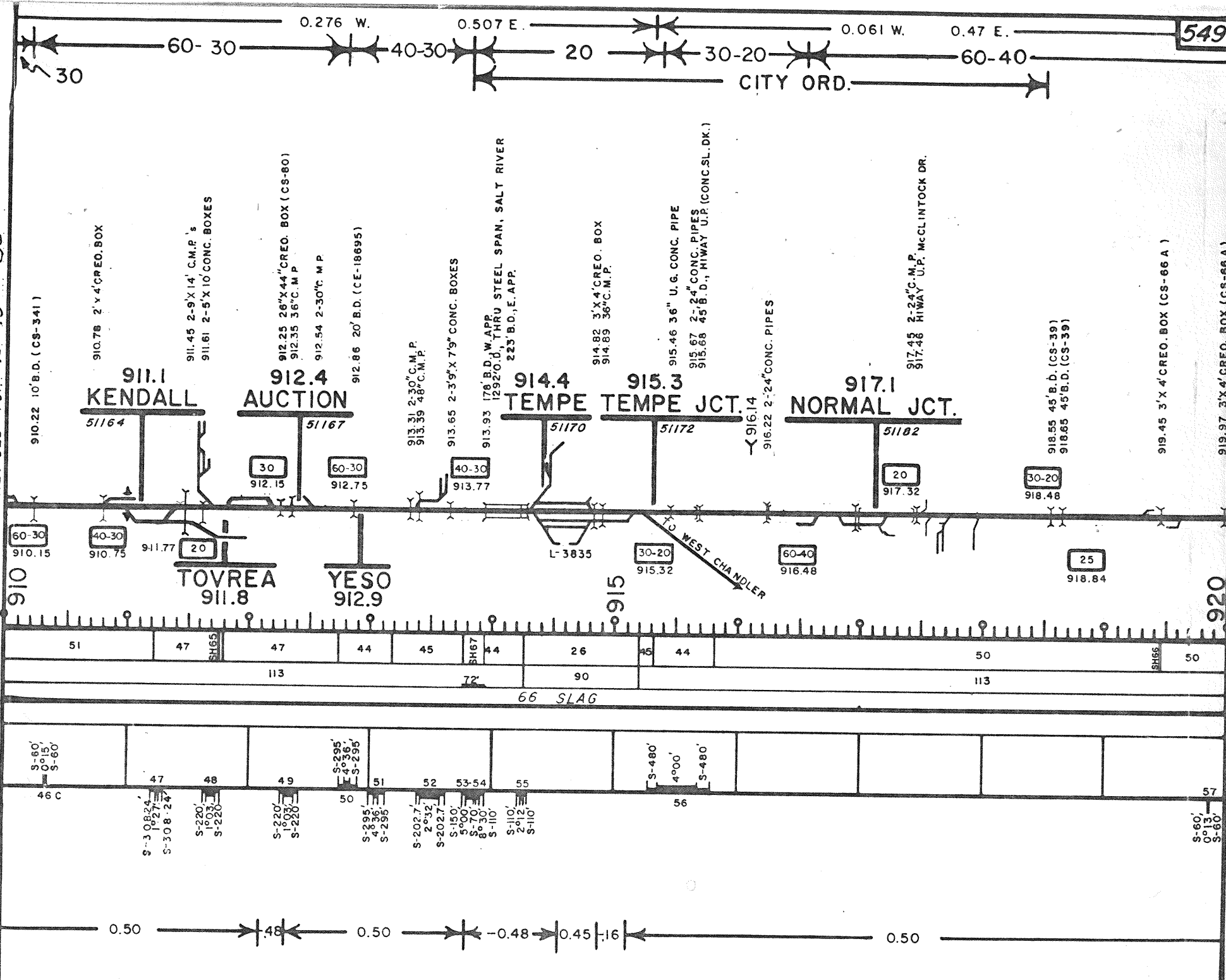


902.79 10' B.D. (CS-341)

909

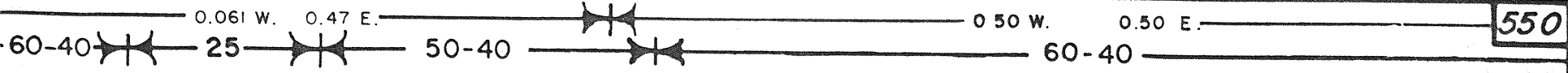
REVISED TO: 2-19-80

549



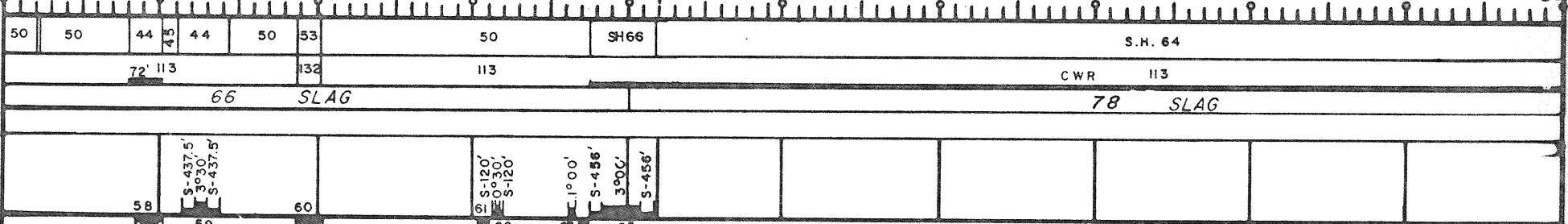
REVISED TO 10-10-78

550



920  
S.H.67

930

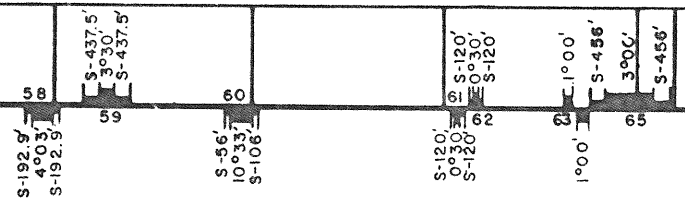


51185  
**921.8 MESA**  
 921.49 6'1" B.D. CONC. STRU., MESA BLVD. U.P.  
 921.99 3'X3' CONC. BOX

51187  
**923.6 McQUEEN**  
 923.11 30"X36" C.M.P.  
 923.24 30"X40" C.M.P.  
 923.36 30"X36" C.M.P.  
 923.61 2'X3' CREO. BOX (CS-66)  
 923.74 30"X36" C.M.P.  
 924.00 2'X4' CREO. BOX (CS-80)  
 924.11 3'X4' CREO. BOX

51205  
**927.0 GILBERT**  
 926.49 3'X3' CONC. BOX  
 926.50 36" CONC. PIPE & C.M.P.  
 927.30 60" C.M.P.  
 927.70 27"X44" CREO. BOX (CS-80)  
 927.71 45" O. D. (CS-1622)

ON RIGHT SIDE  
 923.60 (BRANCH)  
 TO DOCK  
 924.20



66 SLAG

78 SLAG

SH66

S.H. 64

CWR 113

929.97 27"X44" CREO. BOX (CS-80)  
929.98 3'X3' CONC. BOX



REVISED TO: 6-21-79

557

0.50 W. 0.50 E.  
60 - 40

930.00 36" CONC. PIPE  
930.34 2-36" X 22" C.M.P. ARCHES  
930.82 36" X 22" C.M.P. ARCH

932.23 56" X 36" C.M.P. ARCH  
**932.0**  
**HIGLEY**  
51211

933.69 21" R.T. 30" O.D.T.  
933.70 21" R.T. 30" O.D.T.  
933.88 72" X 44" C.M.P. ARCH

934.96 2-18" X 48" CREO. BOXES

936.74 50" X 30" C.M.P. ARCH

**937.2**  
**GERMANN**  
51218

**938.1**  
**RITTENHOUSE**  
51223

939.10 3-72" X 44" C.M.P.

939.71

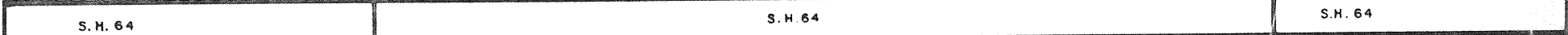
930

935

940



6" S.P.P.L. L-5785



S.H. 64

S.H. 64

S.H. 64

CWR 113

113 CWR

CWR 113

78

SLAG

S-94'  
0.30'  
S-94'  
66 67  
S-94'  
0.30'  
S-94'

S-94'  
0.30'  
S-94'  
68 69  
S-94'  
0.30'  
S-94'

0.40

0.50 W 0.50 E

60 - 40

REVISED TO 12-6-79

941.04 36" C.M.P.  
941.12 180" P.C. PS. CON. QUEEN CREEK

941.6  
QUEEN CREEK

51229

943.02

944.62 - 4 - 58" X 36" C.M.P. ARCHES  
944.66 - 2 - 65" X 40" C.M.P. ARCHES

945.23 65" X 40" C.M.P. ARCH

945.99 2 - 36" X 48" CREO. BOXES (CS-80)

947.25 2 - 58" X 36" C.M.P. ARCHES

948.9  
MAGMA

51240

949.79 36" CONC. PIPE

940

940.50

6" S.P.P.L.

946.84

945

950

S.H.64

113 CWR

78 SLAG

S-376  
1°30'  
S-376

70

S-94  
0°30'  
S-94  
0°30'  
S-94

71  
72

S-376

1°30'

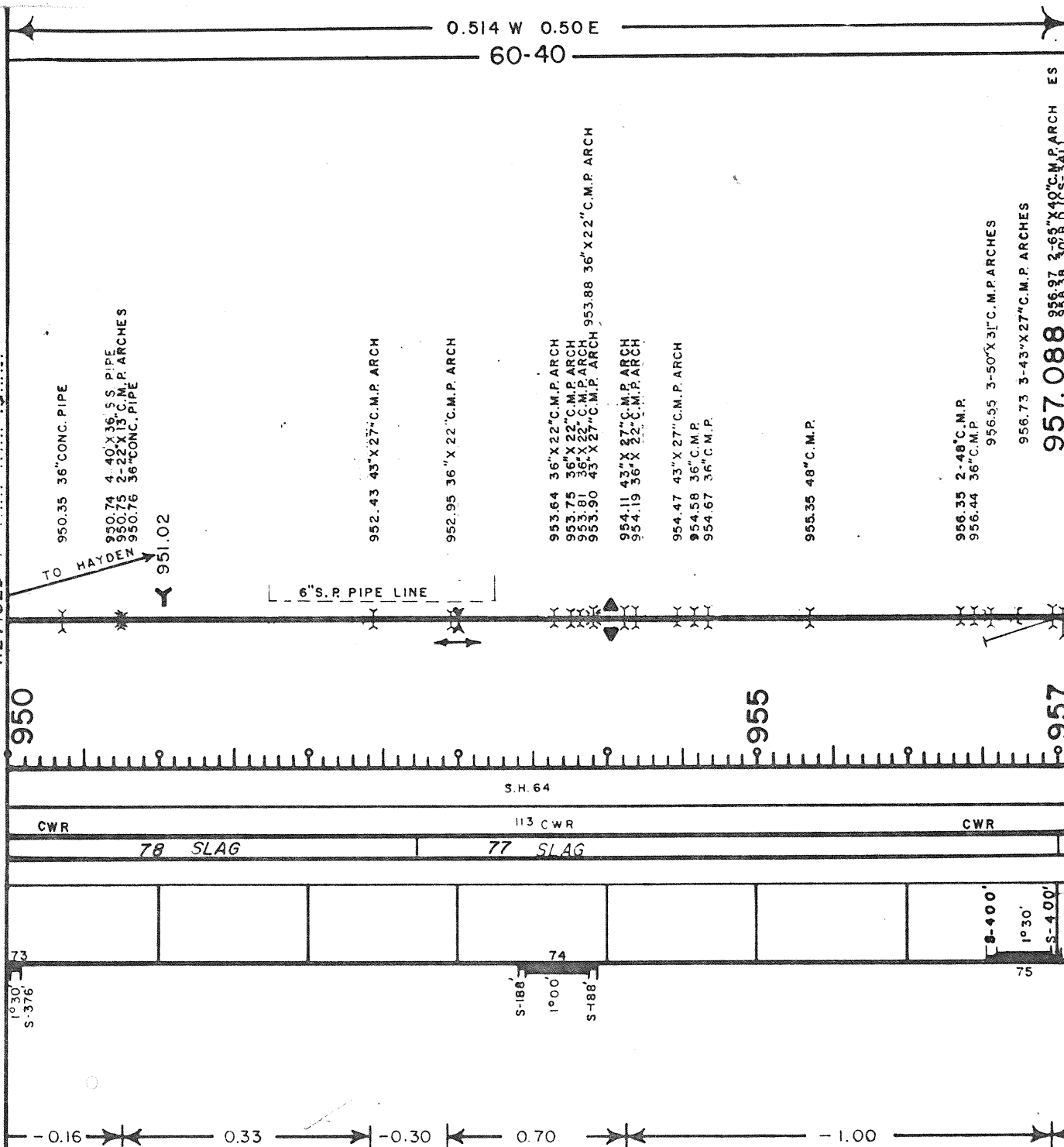
0.45 0.35

0.25

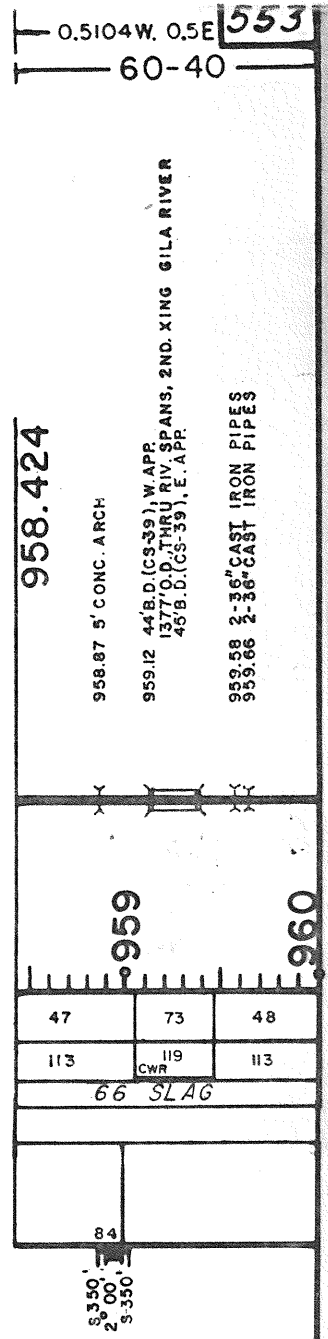
LEVEL

0.16

REVISED TO 7-31-79



EQUATION



REVISED TO 5-27-77

0.5104 W.

0.5 E.

554

60-40

960.07 10' B.D. (CS-341)  
960.09 30" CONC. PIPE  
960.33 HIWAY O.P.  
960.35 3-42" C.M.P.

961.11 50' B.D. (MW-662)

961.50 30' B.D. (CS-341)  
961.86 30" CONC. PIPE

962.0  
COOLIDGE  
51415

L-3603'

962.99 30' B.D. (CS-341)

963.37 10' B.D. (CS-341)  
963.38 30' B.D. (CS-341)

963.62 10' B.D. (CS-341)

963.87 10' B.D. (CS-341)

964.07 30' B.D. (CS-341)

964.25 30' B.D. (CS-341)

964.65 60' B.D. (CS-341)

965.12 30' B.D. (CS-341)

965.35 36" CONC. PIPE

965.49 10' B.D. (CS-341)

965.63 10' B.D. (CS-341)

965.74 75' B.D. (CS-39)

965.87 30' B.D. (CS-341)

966.87 30' B.D. (CS-341)

967.11 30' B.D. (CS-341)

967.54 30' B.D. (CS-341)

967.87 30' B.D. (CS-341)

968.12 30' B.D. (CS-341)

968.36 30' B.D. (CS-341)

968.86 30' B.D. (CS-341)

969.36 30' B.D. (CS-341)

969.81 60' B.D. (CS-341)  
969.83 30' B.D. (CS-341)

960

965

970

48

50

72

50

72

50

48

50

113

119

72

113

119

113

68 SLAG

63 SLAG

S-318'  
1'02'  
S-318'

86  
S-318'  
1'04'  
S-318'

0.50

-0.30

0.40

REVISED TO 9 - 29 - 78

0.5104 W.

0.5 E.

60-40

555

25

970.31 30'B.D. (CS-341)

970.86 30'B.D. (CS-341)  
970.97 2-5'X8' CONC. BOXES

971.86 30'B.D. (CS-341)

972.37 30'B.D. (CS-341)

972.86 30'B.D. (CS-341)

973.35 30'B.D. (CS-341)

973.86 30'B.D. (CS-341)

974.43 30'B.D. (CS-341)

974.87 30'B.D. (CS-341)

975.72 30'B.D. (CS-341)

975.87 30'B.D. (CS-341)

976.27 30'B.D. (CS-341)

976.52 30'B.D. (CS-341)

976.68 30'B.D. (CS-341)

976.88 60' PRESTR. CONCRETE BRIDGE

977.32 30'B.D. (CS-341)

977.64 30'B.D. (CS-341)

977.87 30'B.D. (CS-341)

978.40 30'B.D. (CS-341)

978.87 (3) 40' x 85' CMPA

6" S.P. PIPE LINE

936.7  
PICACHO  
52200

60-40  
979.32

TO GILA  
TO EL PASO

970

975

979

50

46

42

45

44

45

113

63 SLAG

77 SLAG

132

S-360'  
3'00'  
3'12'  
S-160'

87

0.40

JCT. C.

JCT. MAIN LINE

979.753 PHOENIX LN  
936.693 MAIN LINE