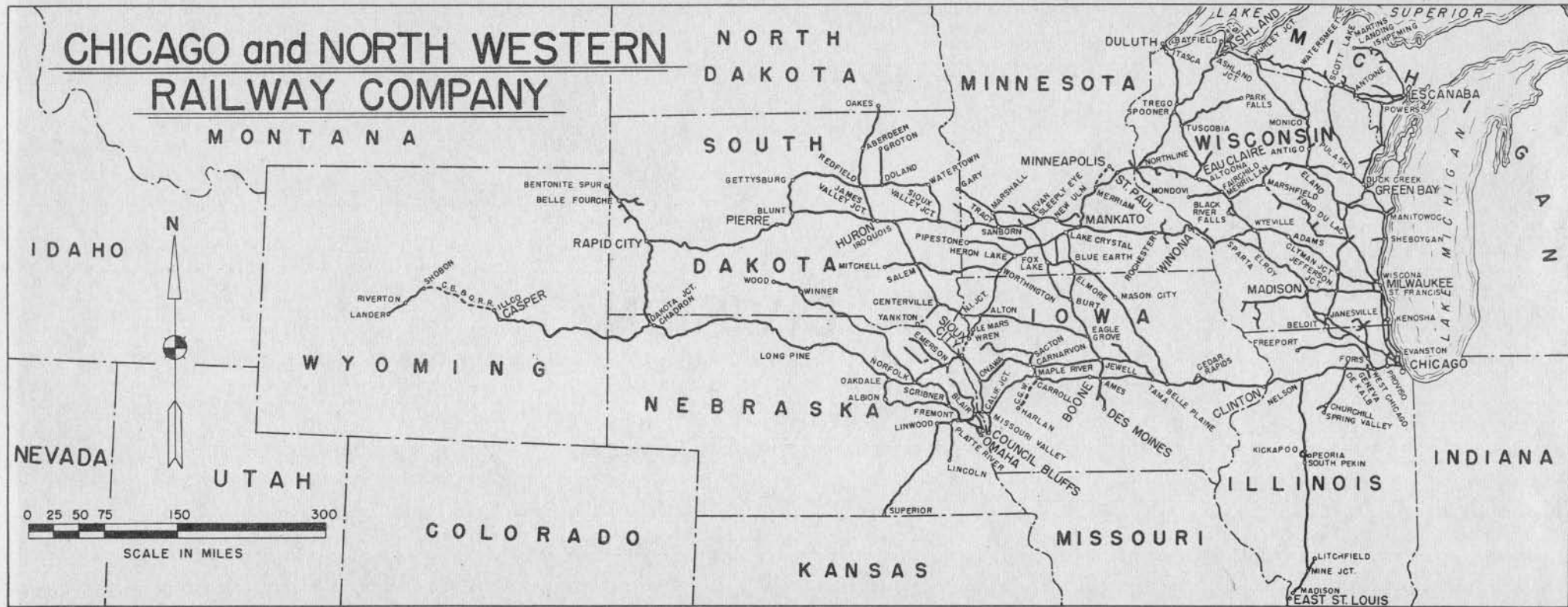
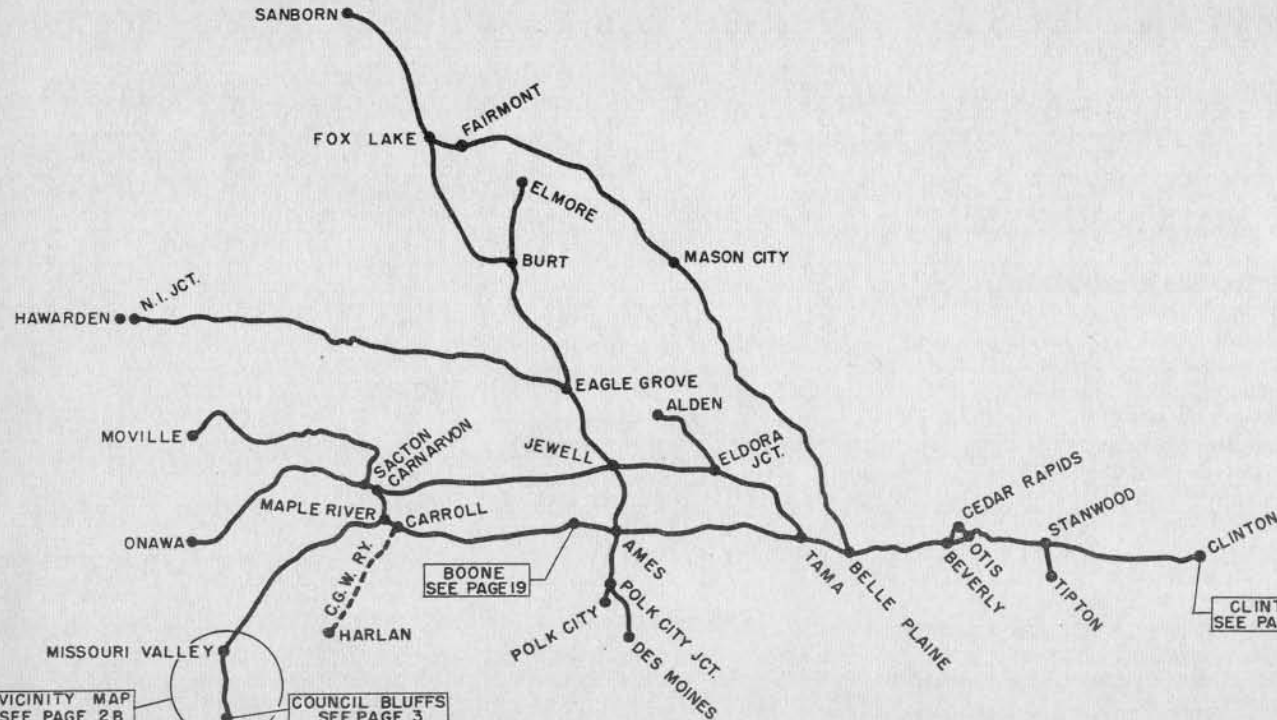


IOWA DIVISION

CHICAGO and NORTH WESTERN RAILWAY COMPANY



IOWA DIVISION



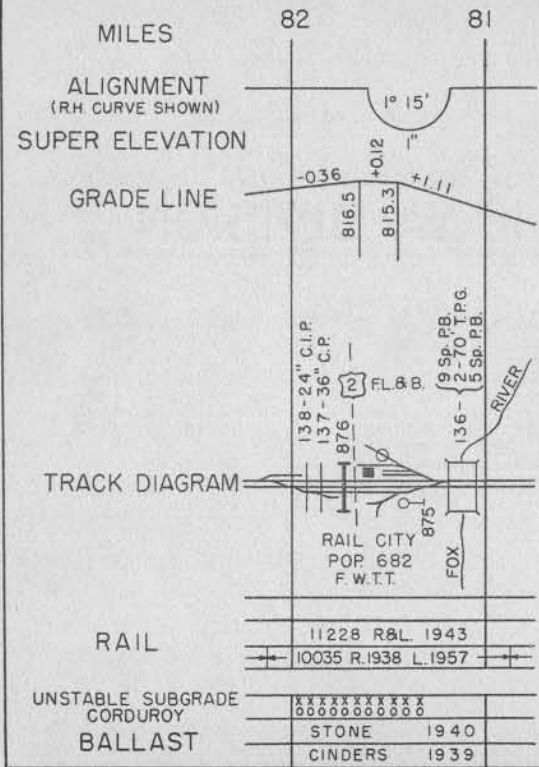
COUNCIL BLUFFS TO CLINTON	PAGES 3 TO 43
ONAWA TO MAPLE RIVER	PAGES 44 TO 52
MOVILLE TO SACTON	PAGES 53 TO 60
CARNARVON TO JEWELL	PAGES 61 TO 69
HAWARDEN TO TAMA	PAGES 70 TO 94
FOX LAKE TO BURT	PAGES 95 TO 99
ELMORE TO EAGLE GROVE	PAGES 100 TO 107
JEWELL TO DES MOINES	PAGES 108 TO 113
POLK CITY TO POLK CITY JCT.	PAGE 114
ALDEN TO ELDORA JCT.	PAGES 115 TO 117
SANBORN TO BELLE PLAINE	PAGES 118 TO 142
TIPTON TO STANWOOD	PAGE 143

VICINITY MAP
SEE PAGE 2B

COUNCIL BLUFFS
SEE PAGE 3

BOONE
SEE PAGE 19

CLINTON YARD
SEE PAGES 42 & 43



EXPLANATIONS

SCALE — HORIZONTAL — 1" = 1 MILE
 ALSO SHOWN DOUBLE SCALE.
 VERTICAL — 1" = 100 FEET

FIGURES ON GRADE LINES ARE % GRADIENTS.

FIGURES BELOW GRADE LINES ARE BASE OF RAIL ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL.

POP. — POPULATION (1950 CENSUS)

- SIGNAL BRIDGE
- SIGNAL MAST
- 41 — U.S. HIGHWAY 94 — INTERSTATE HWY.
- 7 — STATE HIGHWAY
- S.S. — SPRING SWITCH
- W.W. — AUTOMATIC WIG WAG
- M.W.W. — MANUAL WIG WAG
- A.G. — AUTOMATIC GATE
- M.G. — MANUAL GATE
- FL. — FLASHER
- FL.&B. — FLASHER & BELL
- B. — BELL
- T.S. — TRAFFIC SIGNAL & BELL (COLOR LIGHTS)
- F. — DIESEL FUEL OIL STATION
- W. — DIESEL WATER STA. FOR STEAM GENERATORS
- T.T. — TURNTABLE
- Y. — WYE TRACK

BRIDGE ABBREVIATIONS

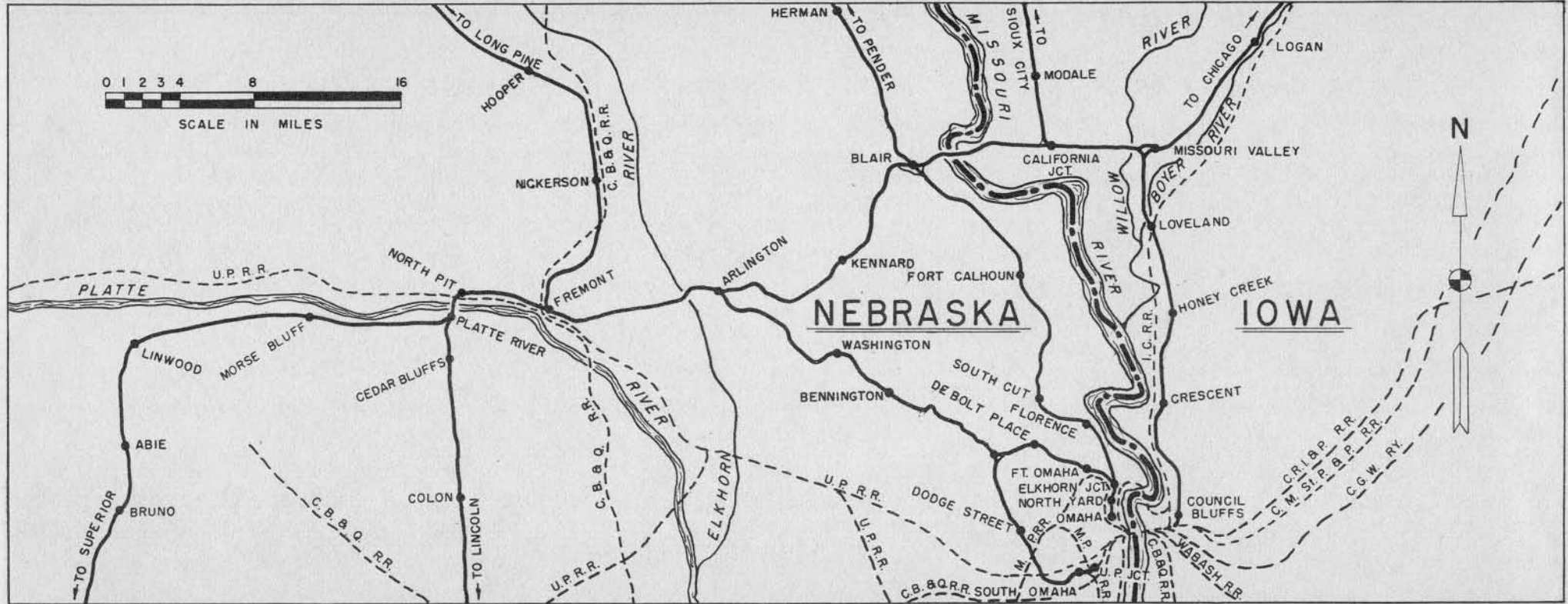
- O.H.B. — OVERHEAD HIGHWAY BRIDGE
- O.F.B. — OVERHEAD FARM BRIDGE
- O.R.B. — OVERHEAD RAILWAY BRIDGE
- O.F.T.B. — OVERHEAD FOOT BRIDGE
- B.C.S. — BALLASTED CONCRETE SLAB
- B.S.P. — BALLASTED STEEL PLATE
- B.BKL.P. — BALLASTED BUCKLE PLATE
- I.B. — I-BEAM
- R.G. — RAIL GIRDER
- B.T. — BALLASTED TROUGH
- D.P.G. — DECK PLATE GIRDER
- T.P.G. — THROUGH PLATE GIRDER
- V.P. — VITRIFIED PIPE
- C.I.P. — CAST IRON PIPE
- W.I.P. — WROUGHT IRON PIPE
- G.I.P. — GALVANIZED IRON PIPE
- S.P. — STEEL PIPE
- C.P. — CONCRETE PIPE
- P.B. — PILE BRIDGE
- P.&F.B. — PILE & FRAME BRIDGE
- F.B. — FRAME BRIDGE
- W.S.B. — WOOD STRINGER BRIDGE
- W.B.C. — WOOD BOX CULVERT
- O.W.B.C. — OPEN WOOD BOX CULVERT
- R.C.C. — REINFORCED CONCRETE CULVERT
- R.C.S. — REINFORCED CONCRETE SLAB
- C.&T.R. — CONCRETE & T-RAIL
- C.&I.B. — CONCRETE & I-BEAM
- S.A. — STONE ARCH
- BRK.C. — BRICK CULVERT
- C.A. — CONCRETE ARCH
- D.R.T. — DECK RIVETED TRUSS
- T.R.T. — THROUGH RIVETED TRUSS
- P.R.T. — PONY RIVETED TRUSS
- D.P.T. — DECK PIN TRUSS
- T.P.T. — THROUGH PIN TRUSS

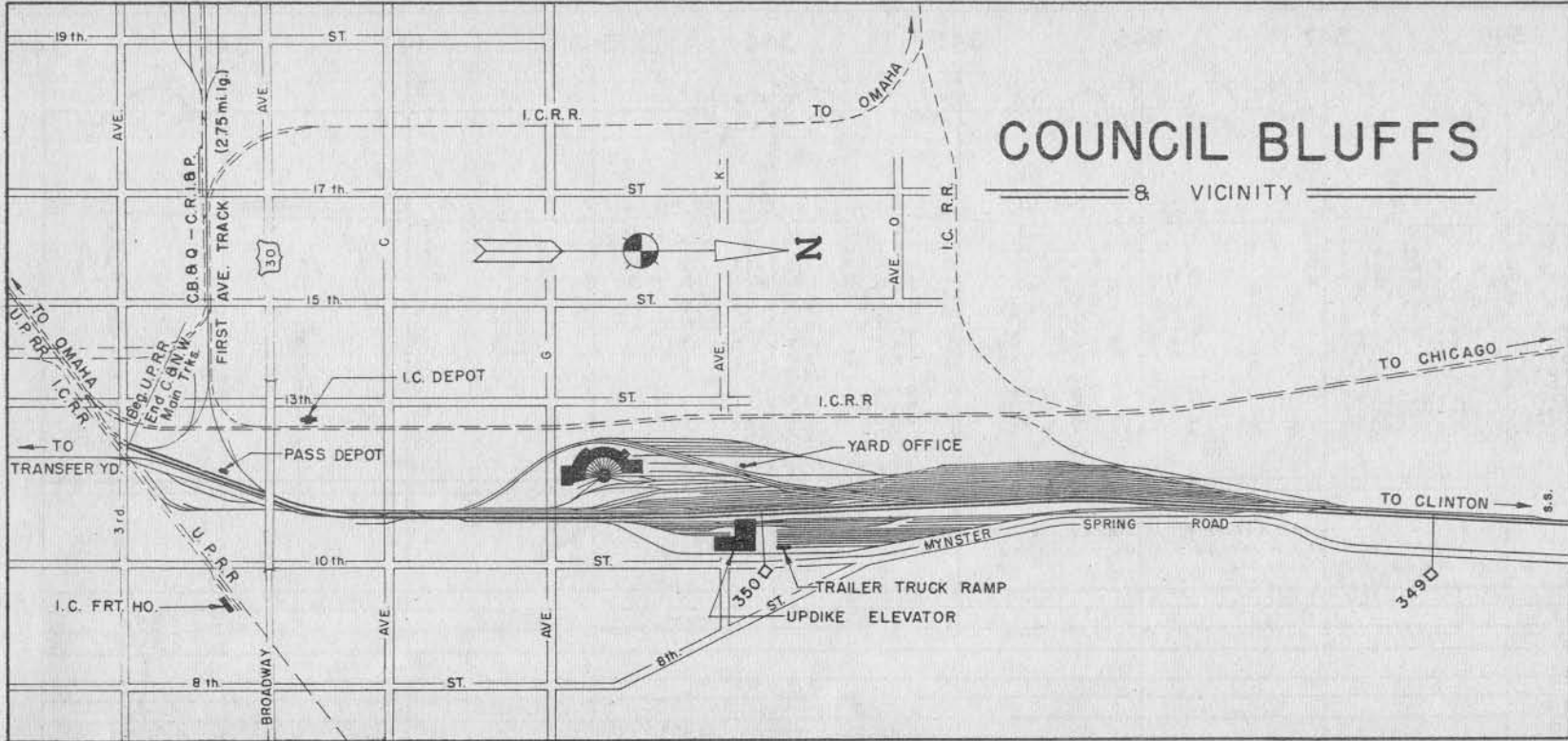
RAIL ROLLING

SECTION	YEARS
50	1879 ONLY
54	1882 - 1884
56	1881 - 1890
60	1876 - 1910
65	1880 - 1896
67	1890 ONLY
72	1888 - 1925
80	1892 - 1917
9040	1890 - 1910
9030	1906 - 1917
9035	1917 - 1942
10030	1909 - 1912
10035	1912 - 1940
11025	1926 - 1933
10020	1934 - 1941
112	1934 - 1935
112 C.C.	1936 - 1948
115 C.C.	1948 -
132 C.C.	1952 ONLY

RAIL ABBREV.'S

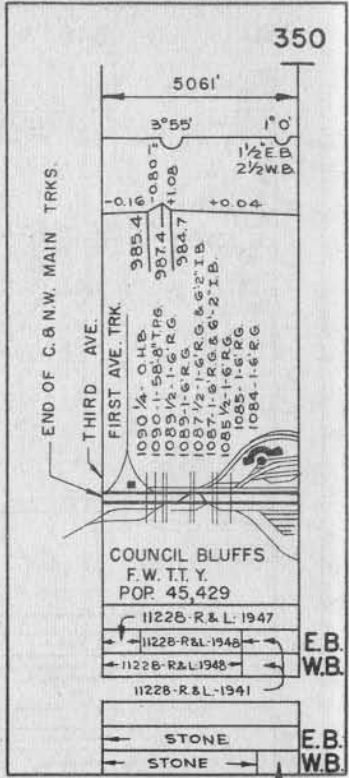
- R. — ROLLED
- L. — LAID
- R.&L. — ROLLED and LAID
- USA. — USABLE RAIL
- S.H. — SECOND HAND RAIL
- R.R. — RE-ROLLED RAIL

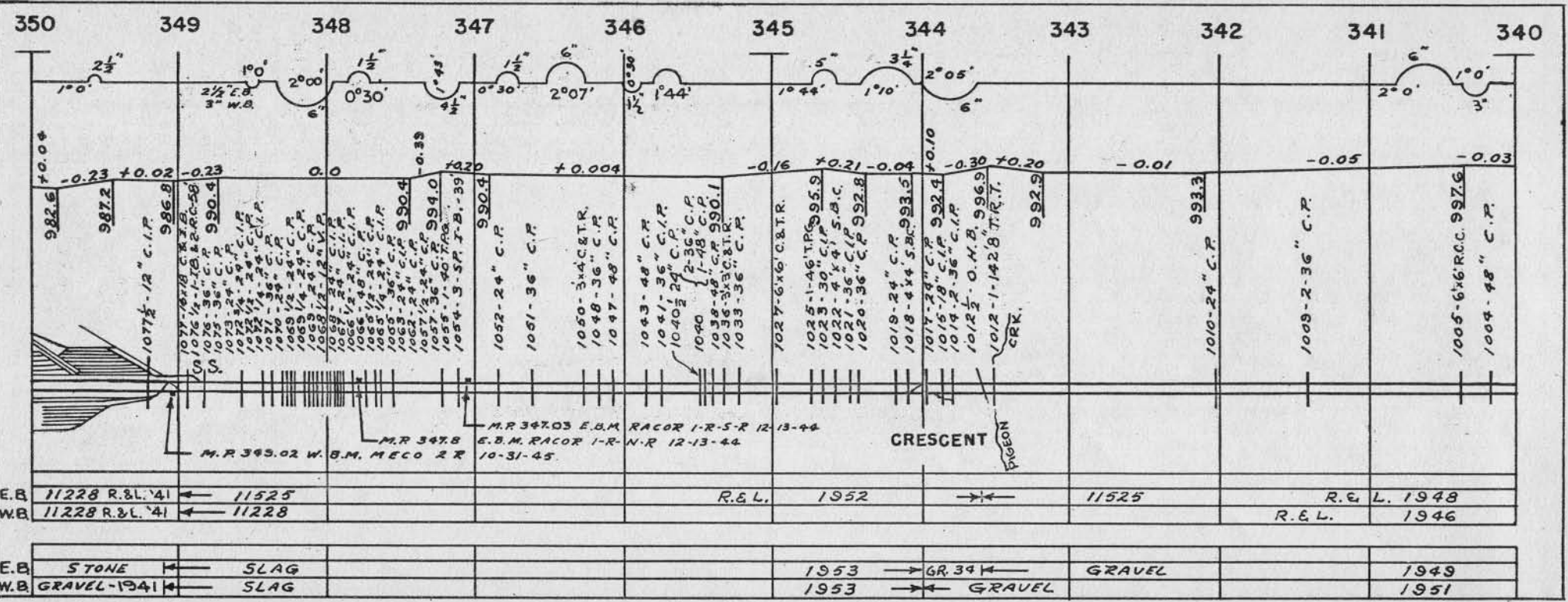


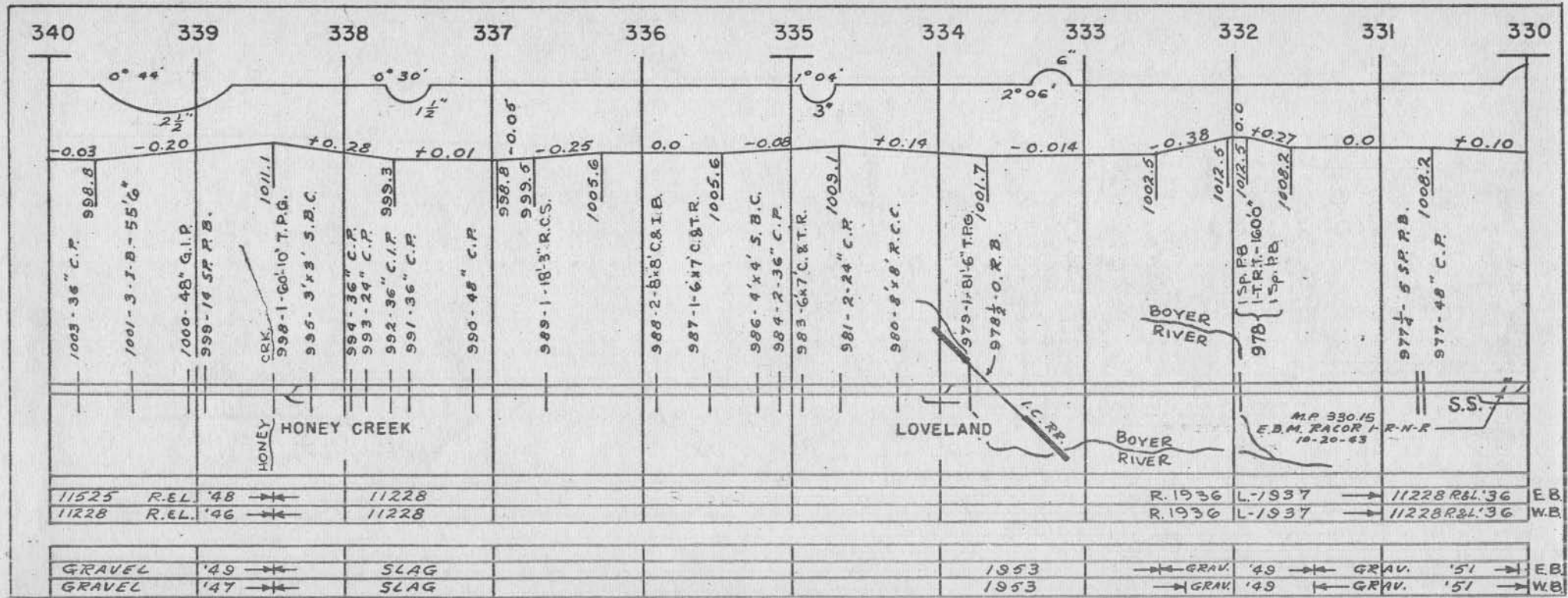


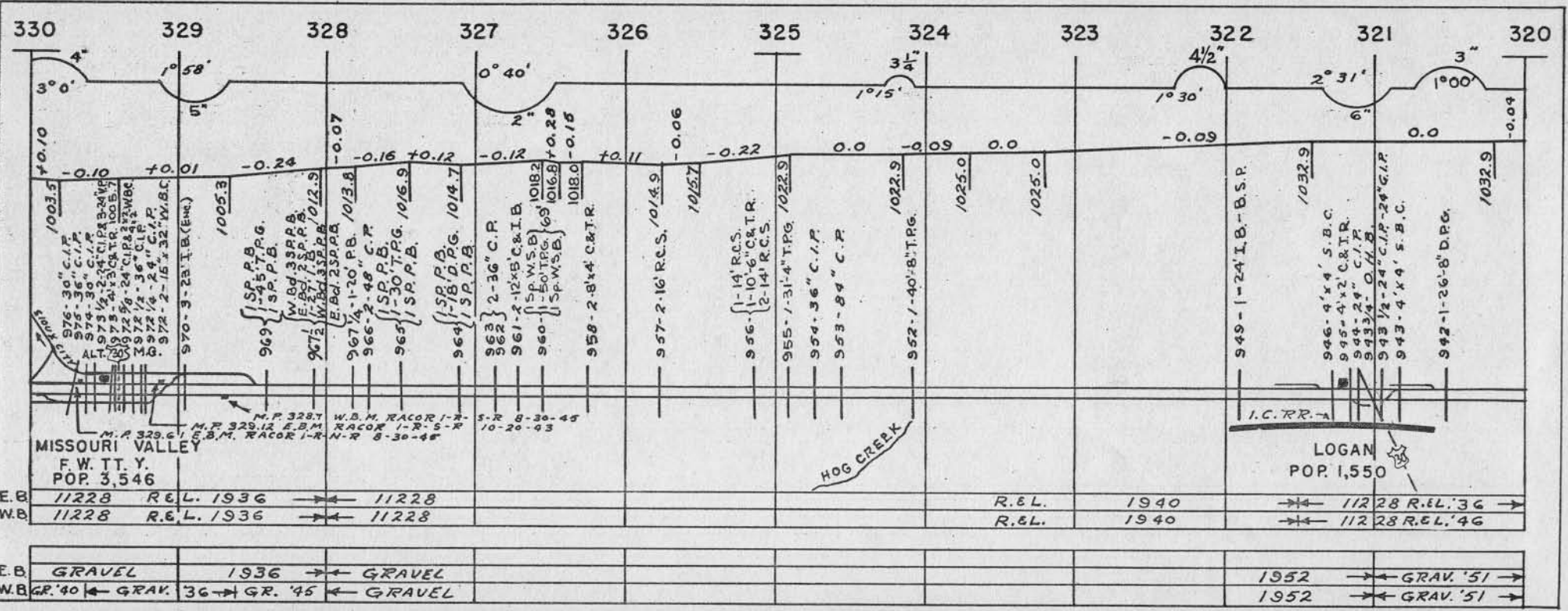
COUNCIL BLUFFS

VICINITY

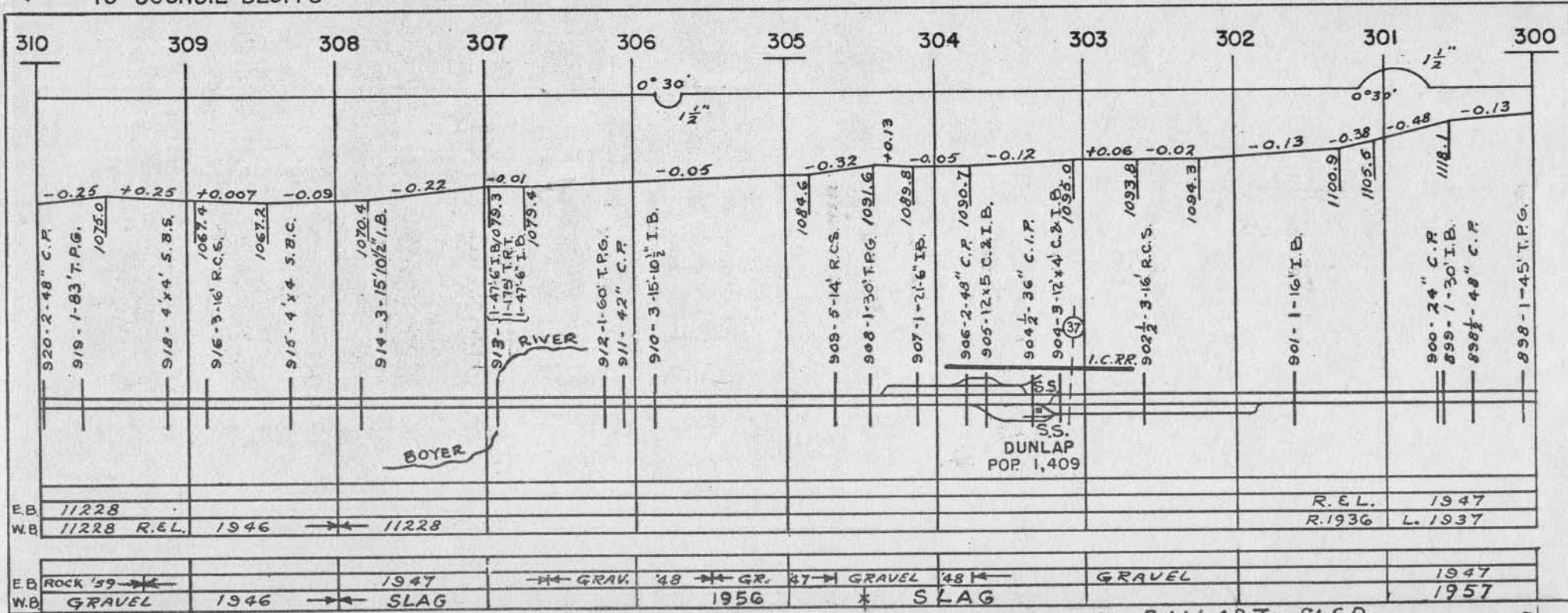






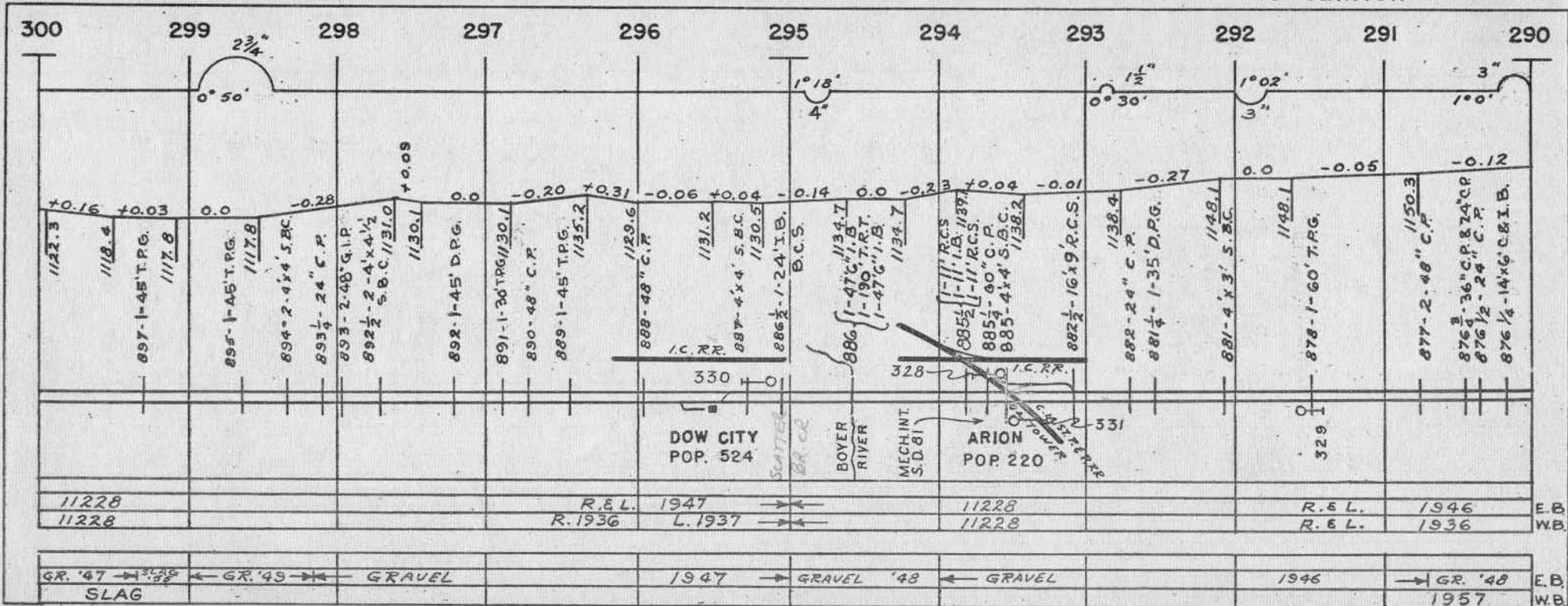


E.B.	11228	REL. 1936	→ ←	11228																	
W.B.	11228	R.E.L. 1936	→ ←	11228						R.E.L. 1940			11228 R.E.L. '36	→							
E.B.	GRAVEL	1936	→ ←	GRAVEL									1952	→ ←	GRAV. '51	→					
W.B.	GR. '40	← GRAV. '36	→	GR. '45	←	GRAVEL							1952	→ ←	GRAV. '51	→					



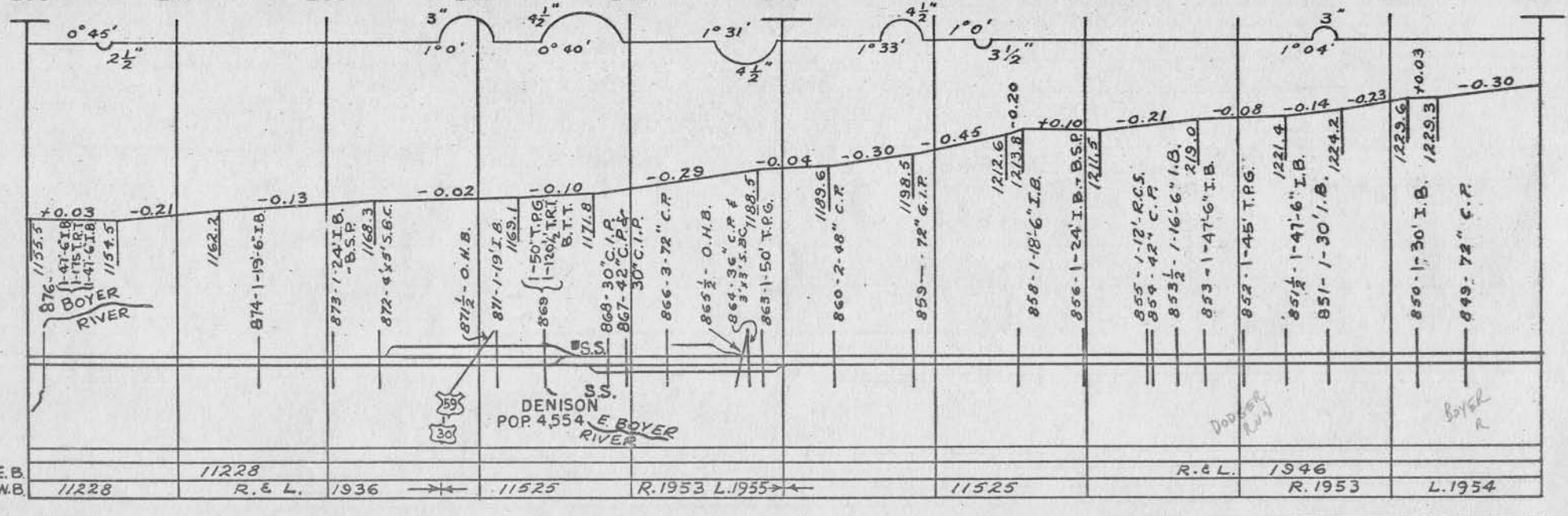
THIS SHEET LAST REVISED JULY 1, 1959

MANNIX BALLAST SLED

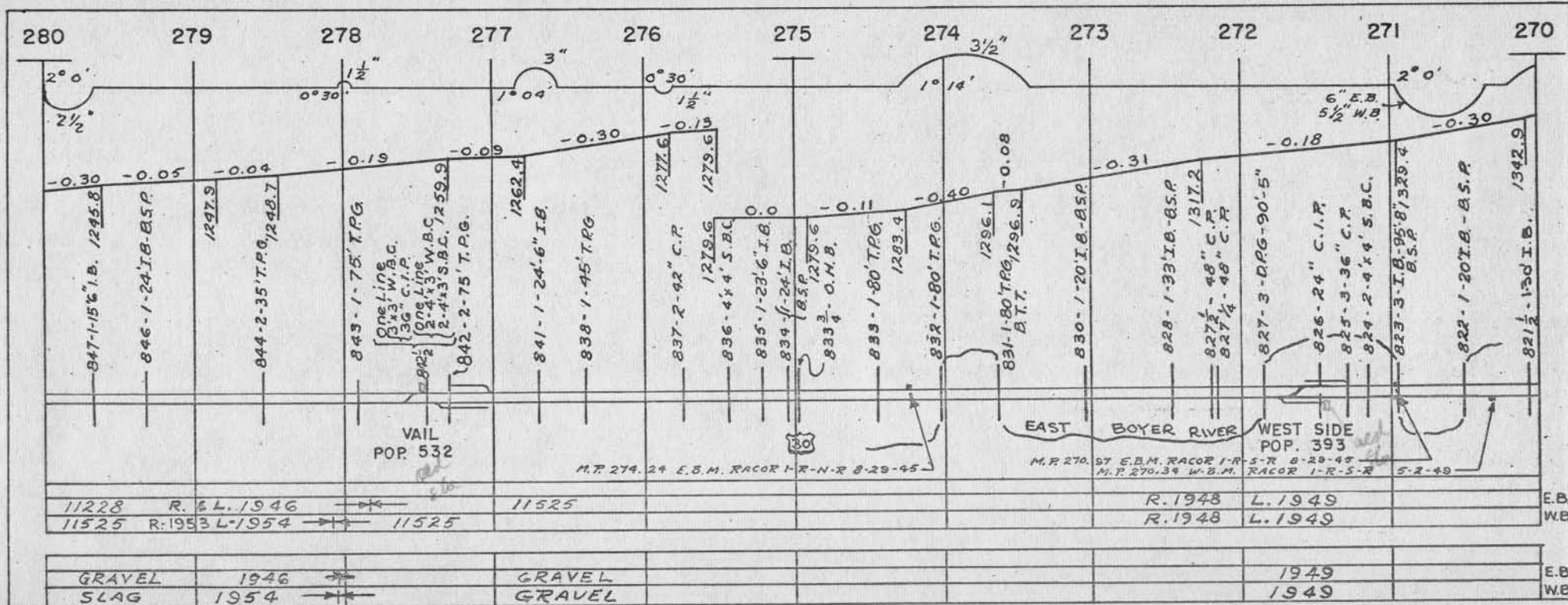


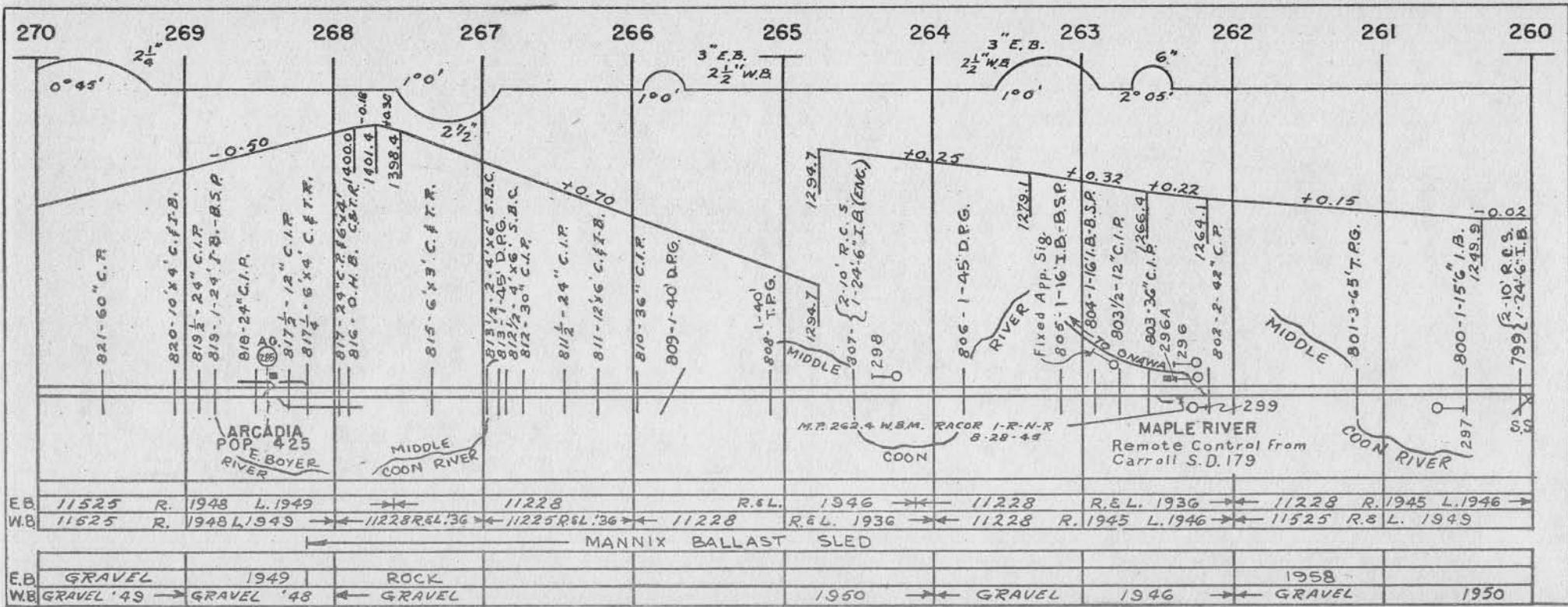
E.B.
W.B.
E.B.
W.B.

290 289 288 287 286 285 284 283 282 281 280



MANNIX BALLAST SLED

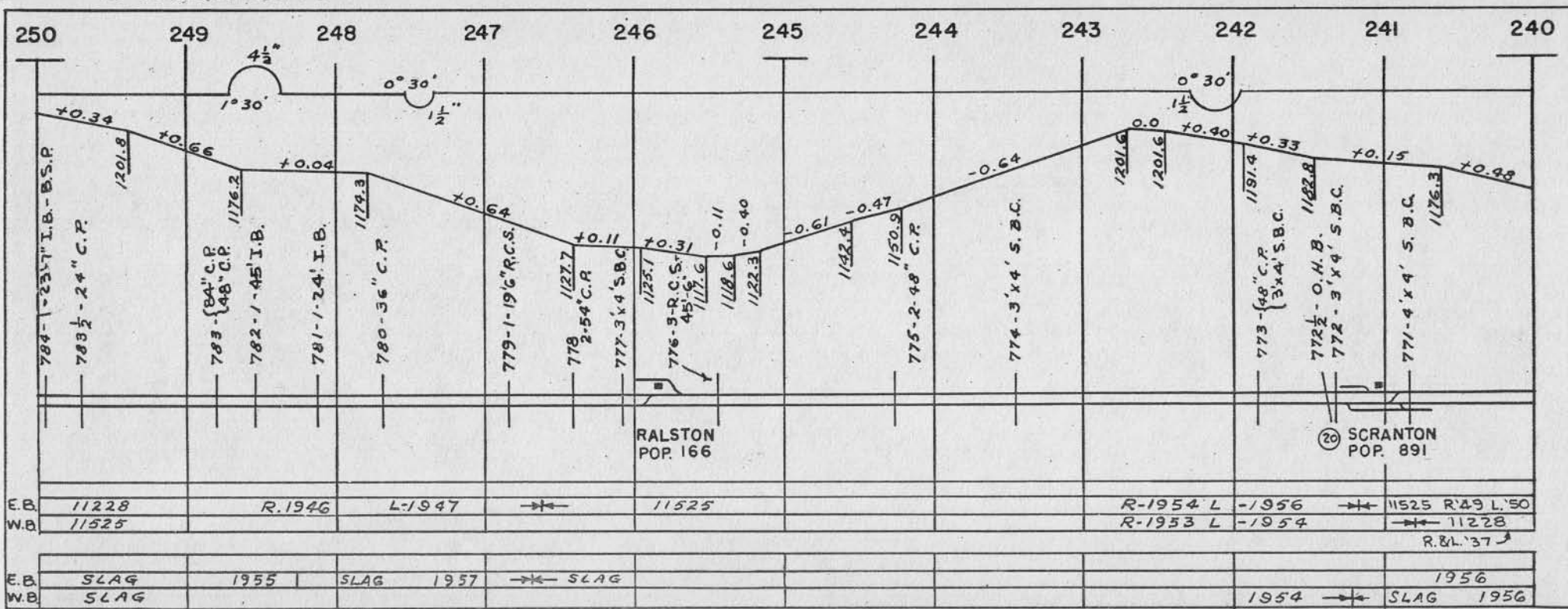




E.B.	11525	R. 1948	L. 1949	→←	11228	R. & L.	1946	→←	11228	R. & L.	1936	→←	11228	R. 1945	L. 1946	→	
W.B.	11525	R. 1948	L. 1949	→←	11228 R. & L. 36	→←	11225 R. & L. 36	→←	11228	R. & L.	1936	→←	11228	R. 1945	L. 1946	→←	11525 R. & L. 1949

MANNIX BALLAST SLED

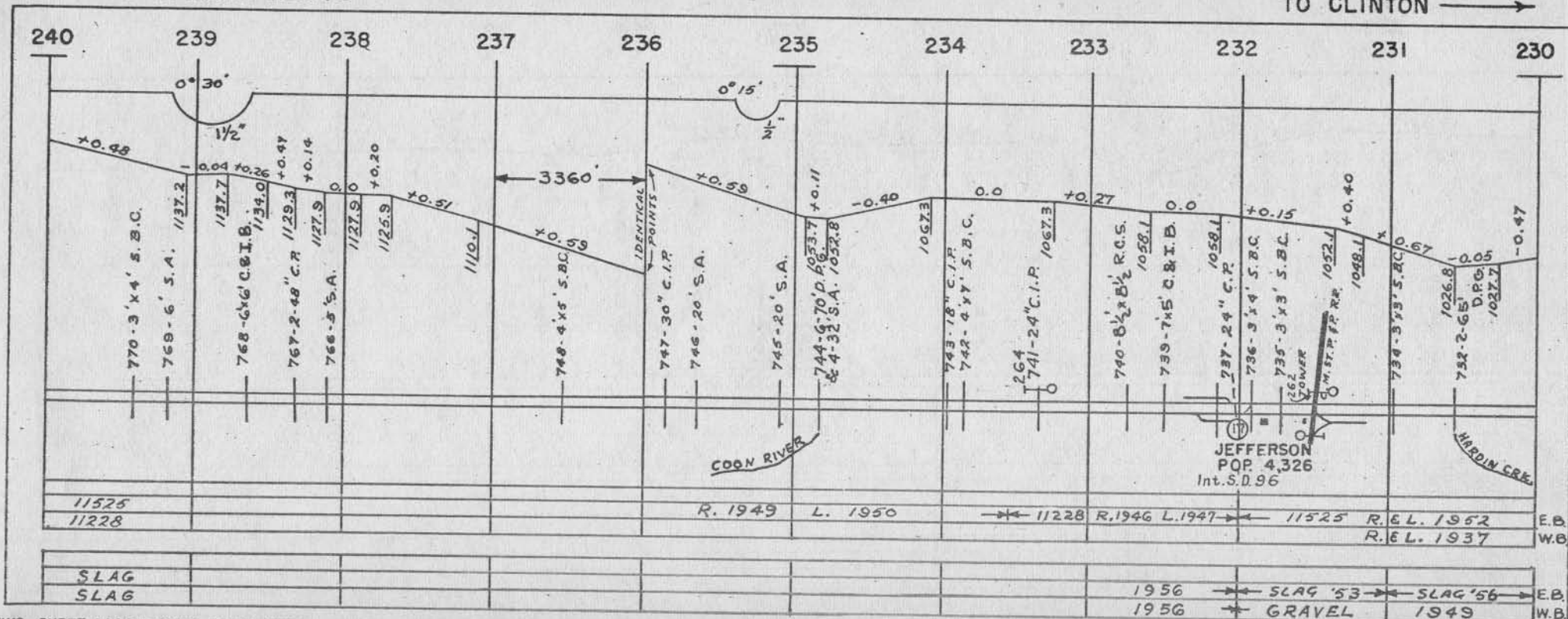
E.B.	GRAVEL	1949	ROCK							1958							
W.B.	GRAVEL '49	→	GRAVEL '48	←	GRAVEL				1950	→	←	GRAVEL	1946	→	←	GRAVEL	1950



← TO COUNCIL BLUFFS

TO CLINTON →

15



11525
11228

R. 1949 L. 1950

11228 R. 1946 L. 1947 11525 R. & L. 1952 R. & L. 1937

SLAG
SLAG

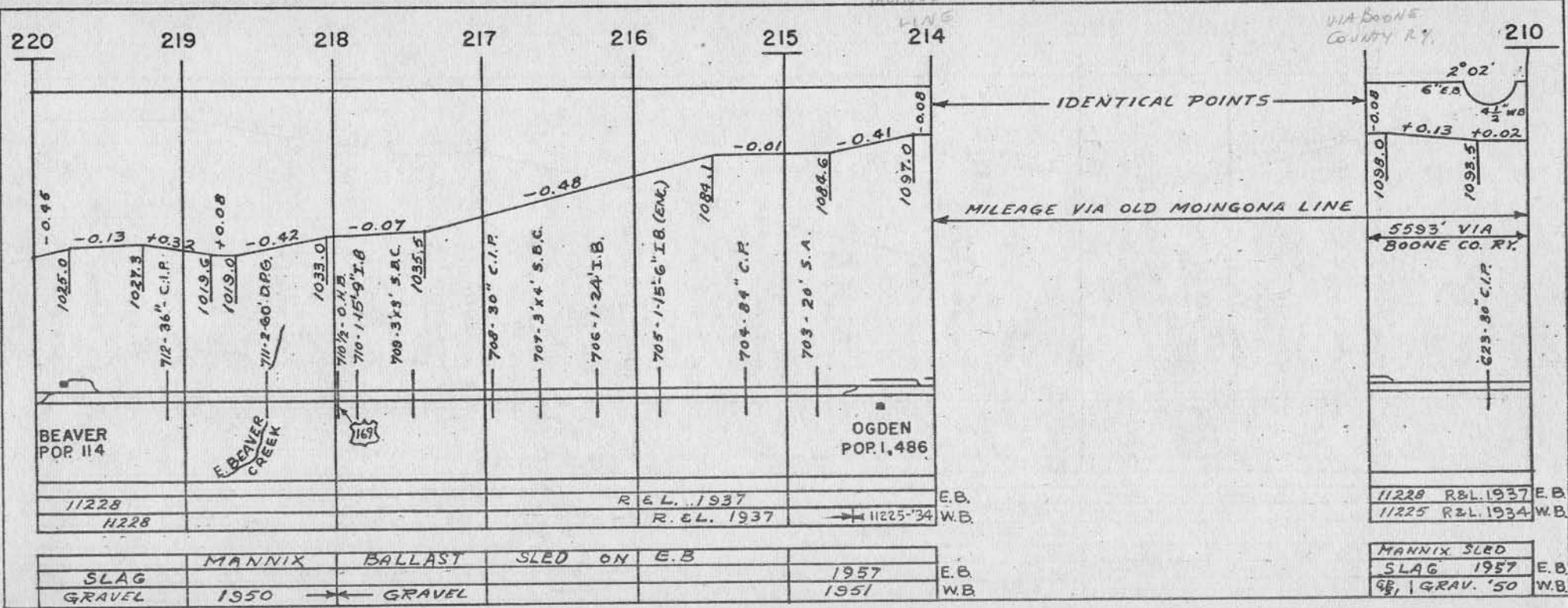
1956 → SLAG '53 → SLAG '56 →
1956 → GRAVEL 1949

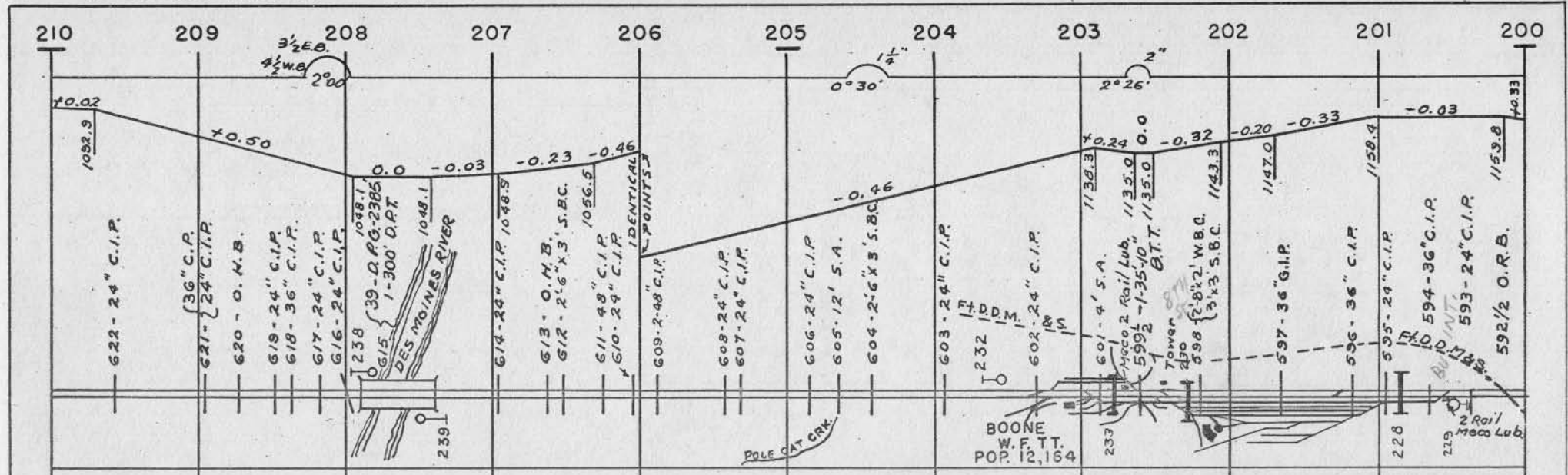
E.B.
W.B.
E.B.
W.B.

← TO COUNCIL BLUFFS

VIA MOINGONA LINE

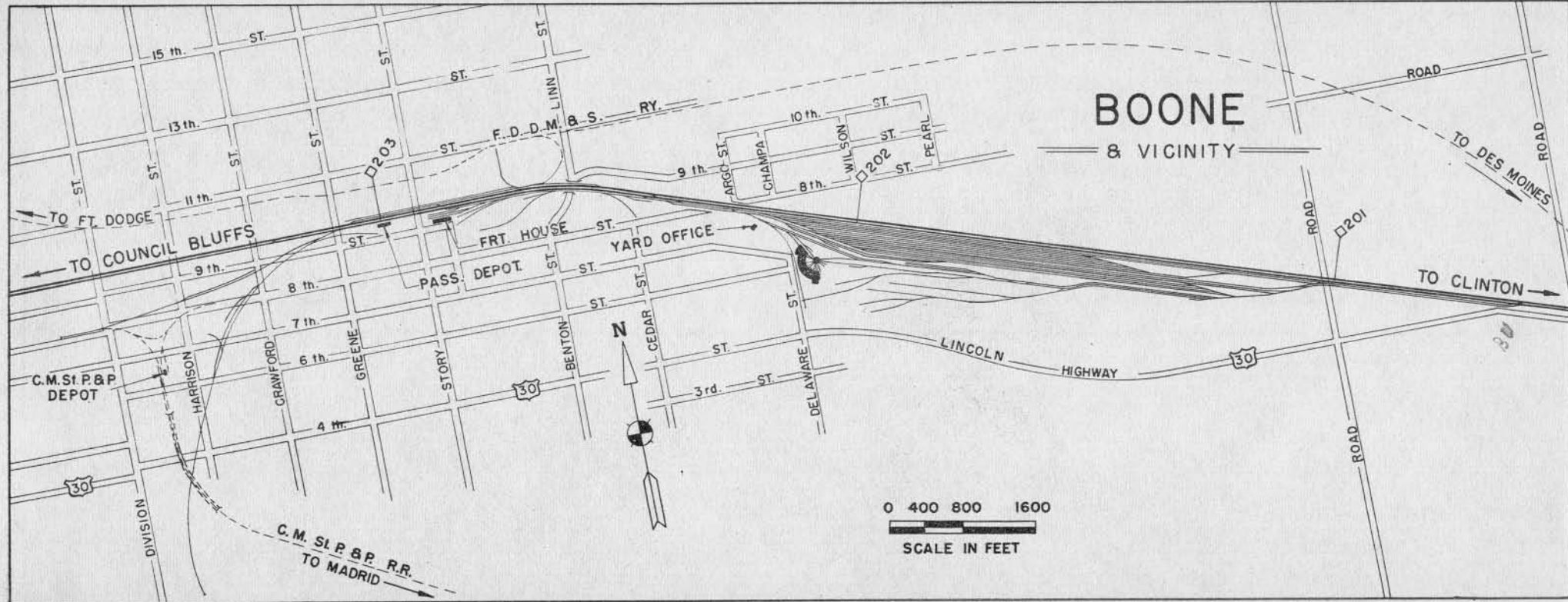
TO CLINTON →



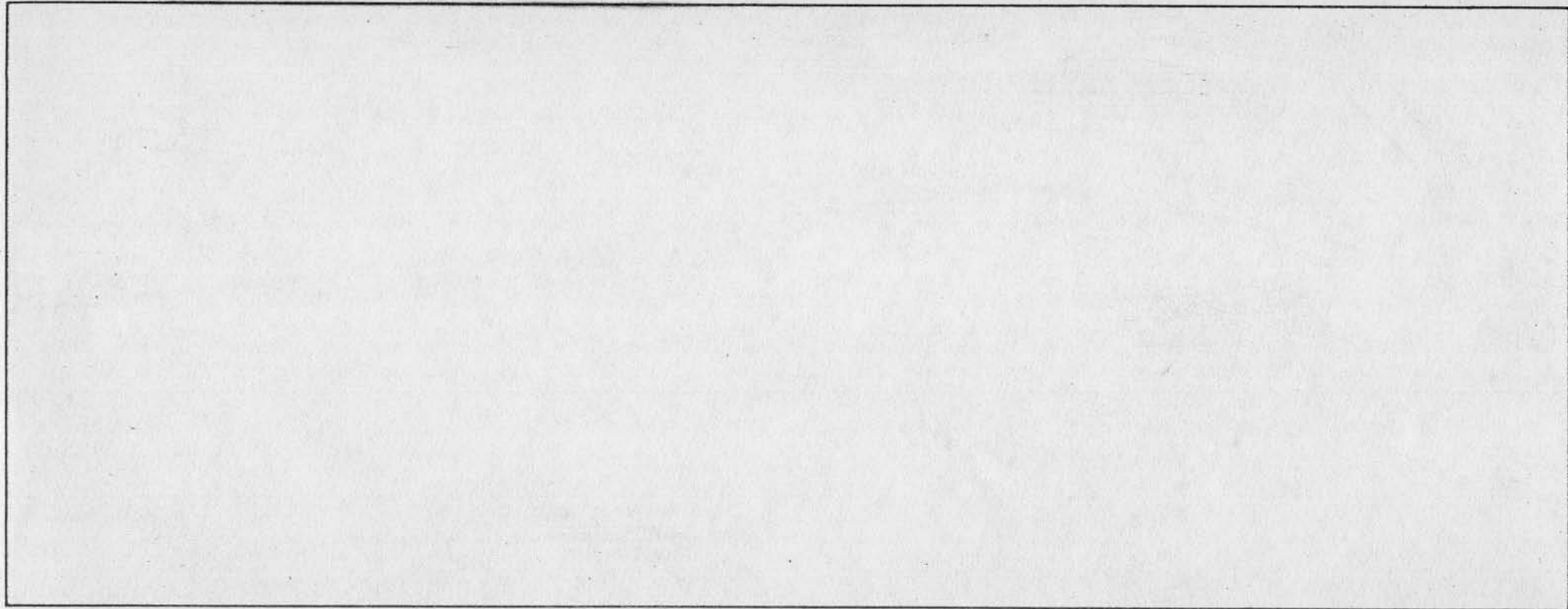


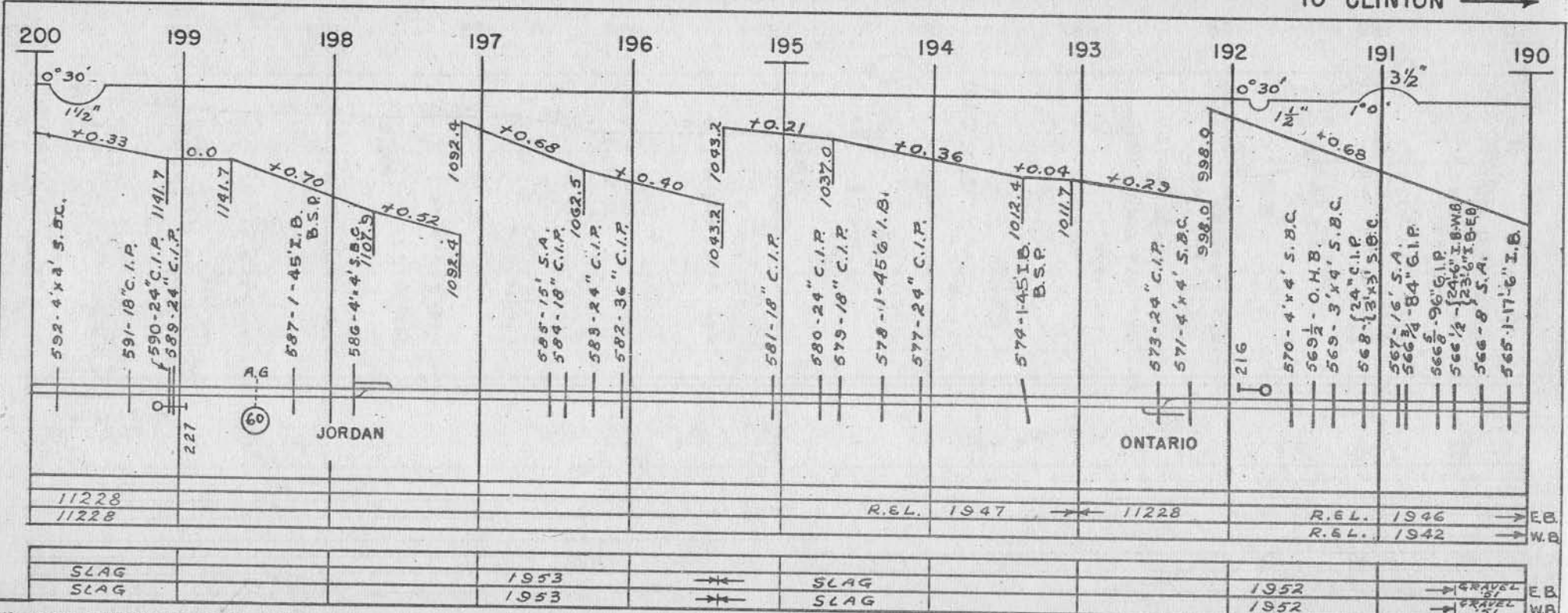
E.B.	11228	R.E.L. 1937	11228 '39	11228	R.E.L. 1940	11228 '47	11225 '34	11228 '47	11228	R.E.L. 1942	11228
W.B.	11225	R.E.L. 1934	11228 '41	11225	R.E.L. 1934	11228	R.E.L. 1941	11228	11228	R.E.L. 1942	11228

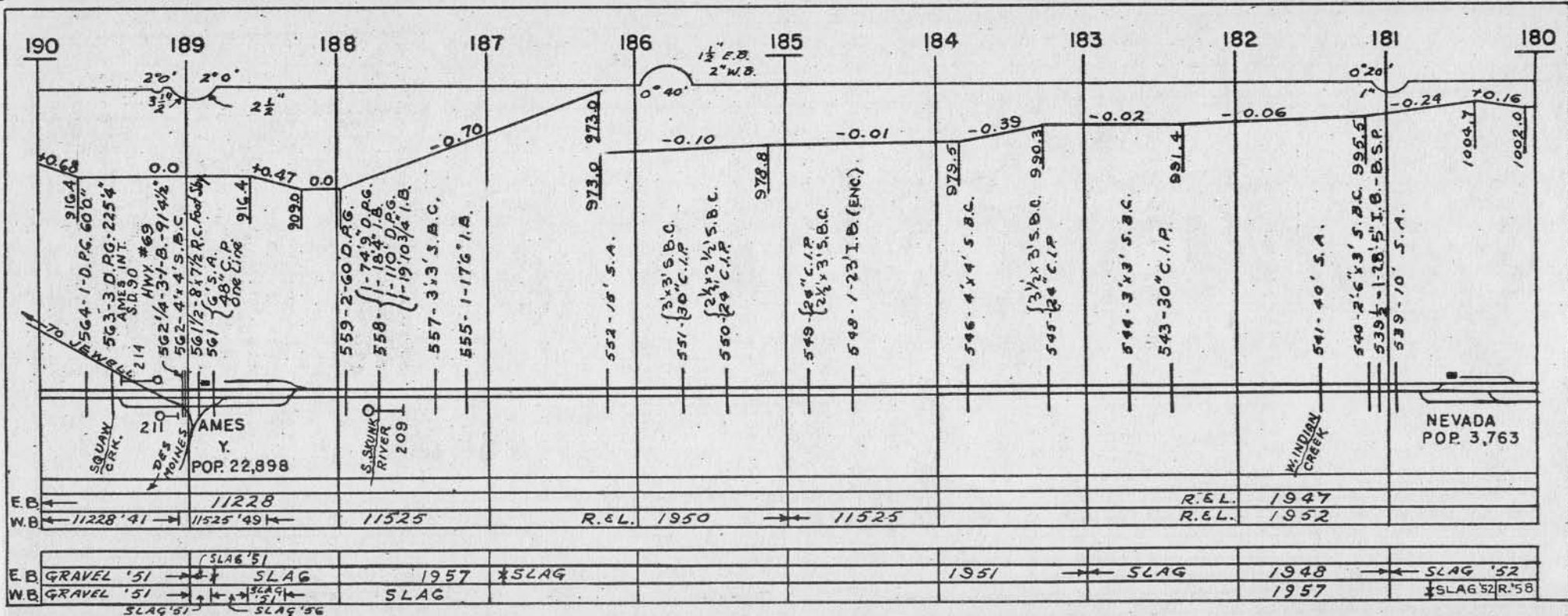
← MANNIX BALLAST SLED →											
E.B.	SLAG	1957	BRIDGE	SLAG	1955	STONE	'34	GRAVEL	'42	GR '47	SL '53
W.B.	GRAVEL	1950	BRIDGE	SLAG	1955		'34	GRAVEL	'42		

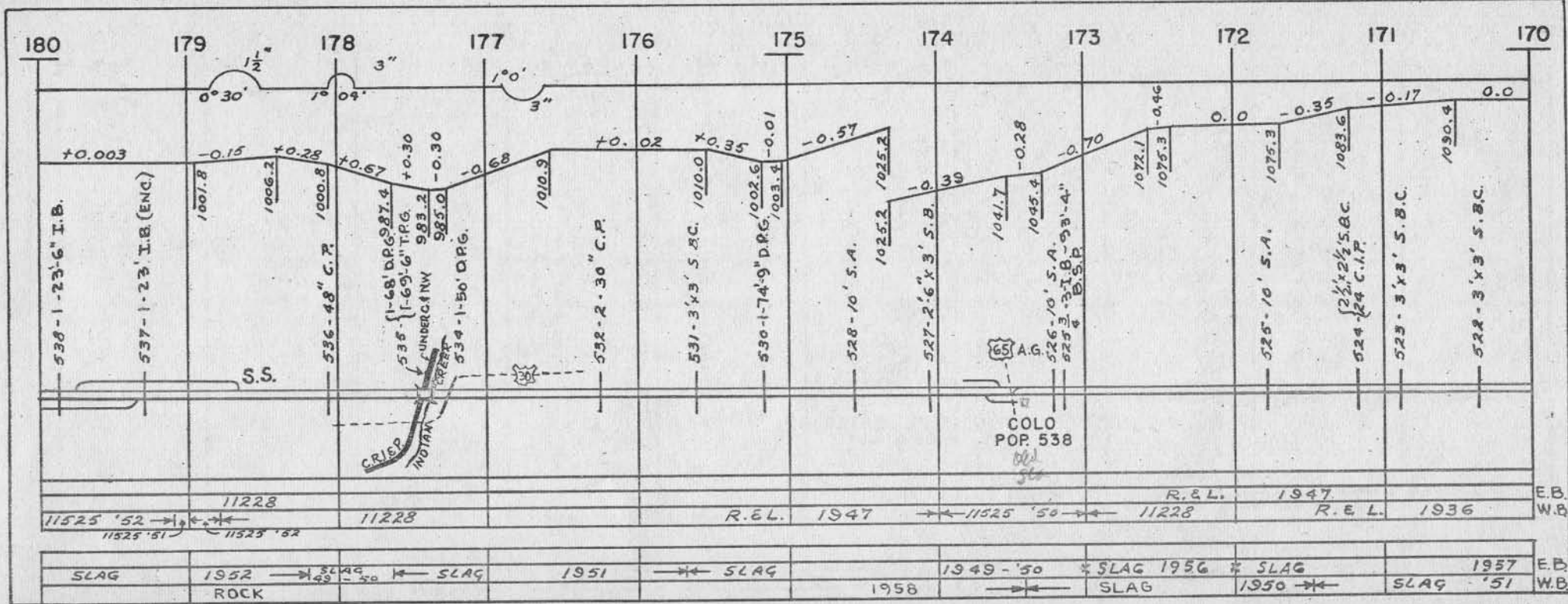


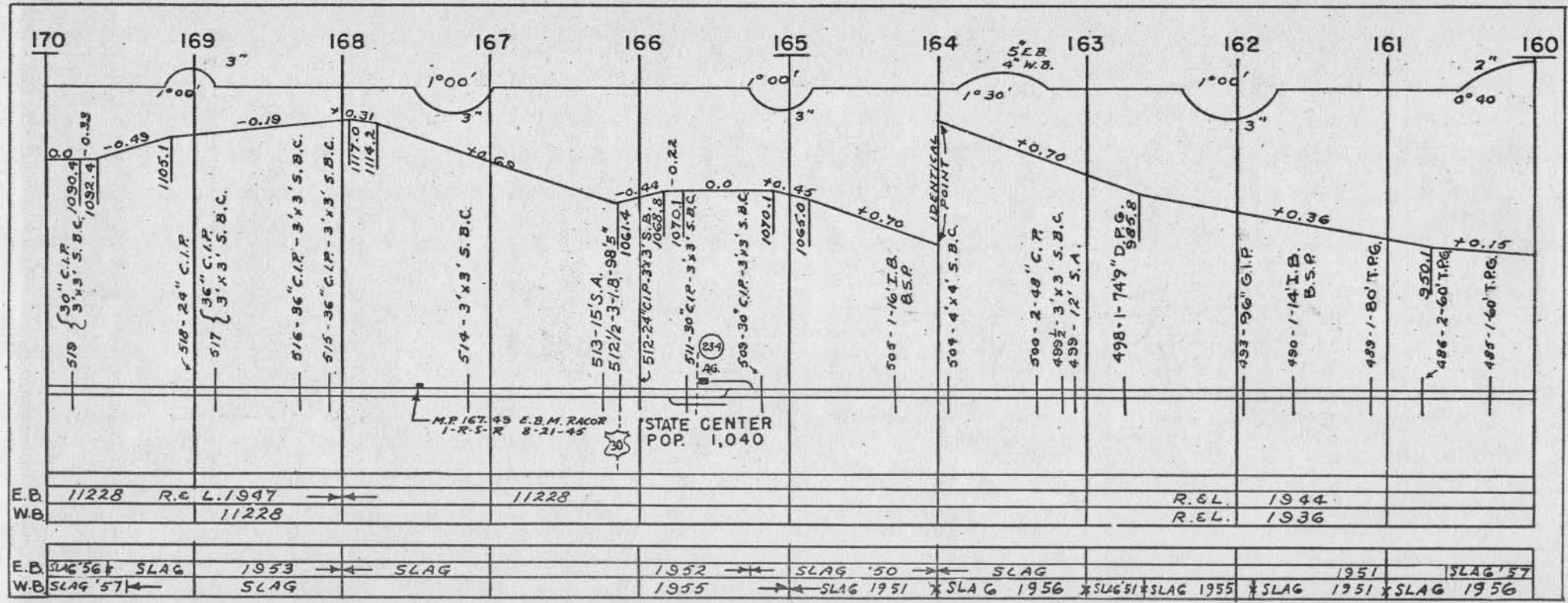
BOONE & VICINITY





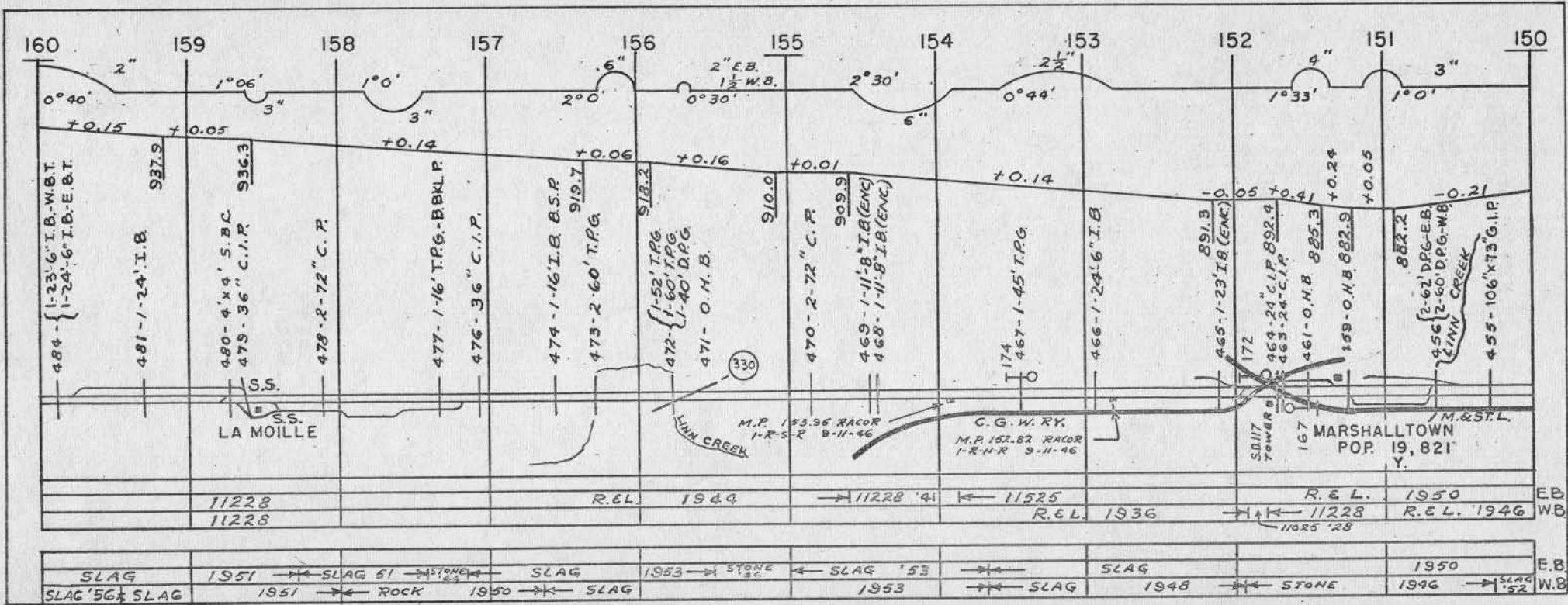






E.B.	11228	R.C L. 1947	→ ←	11228				R.E.L.	1944
W.B.		11228						R.E.L.	1936

E.B.	SLAG '56	SLAG	1953	→ ←	SLAG												
W.B.	SLAG '57		SLAG			1952	→ ←	SLAG '50	→ ←	SLAG			1951	SLAG '57			
						1955	→ ←	SLAG 1951	*	SLAG 1956	*	SLAG '51	SLAG 1955	*	SLAG 1951	*	SLAG 1956



11228
11228

R.E.L. 1944

11228 '41

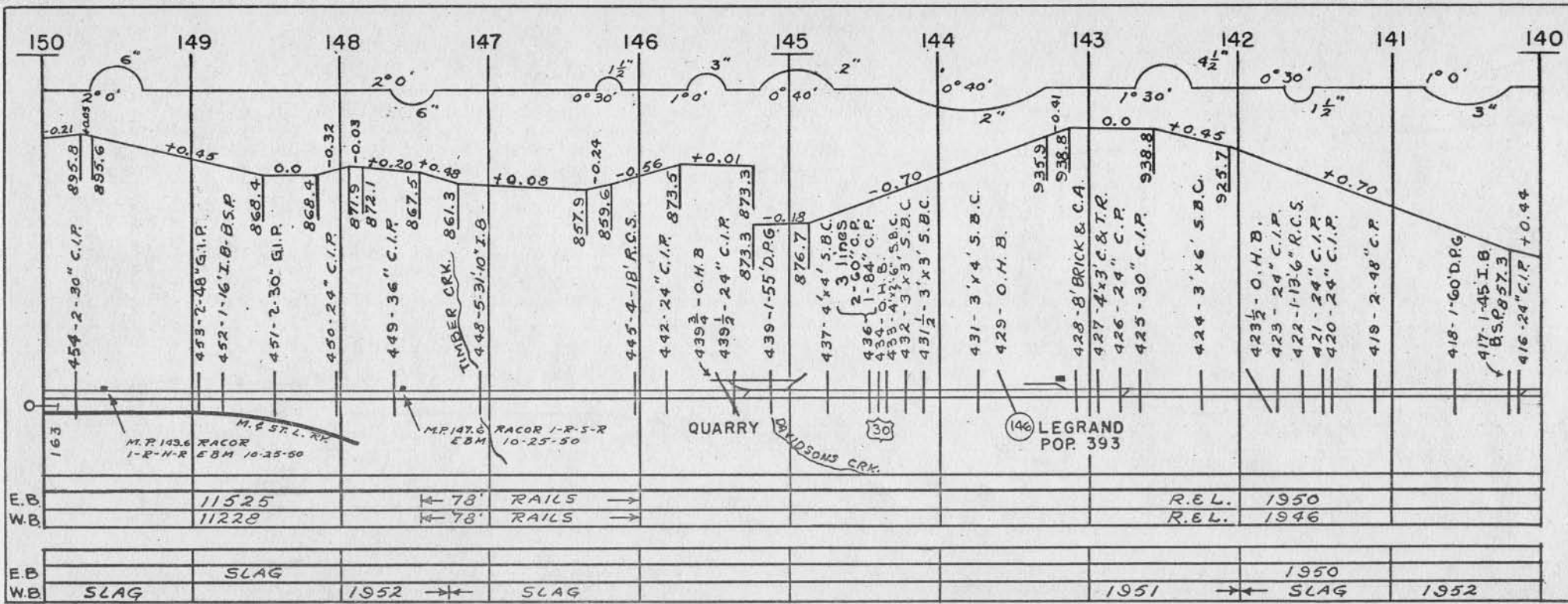
11525
R.E.L. 1936

R.E.L. 1950
11228
11025 '28
R.E.L. 1946

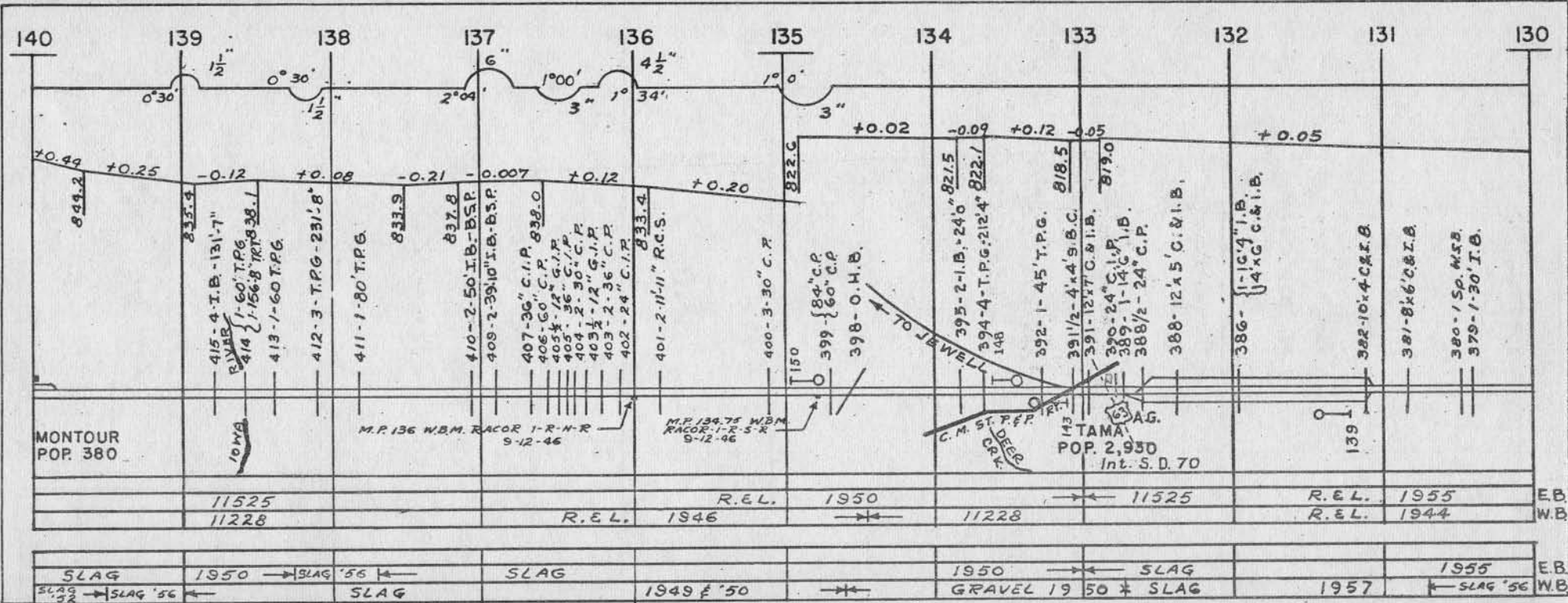
E.B.
W.B.

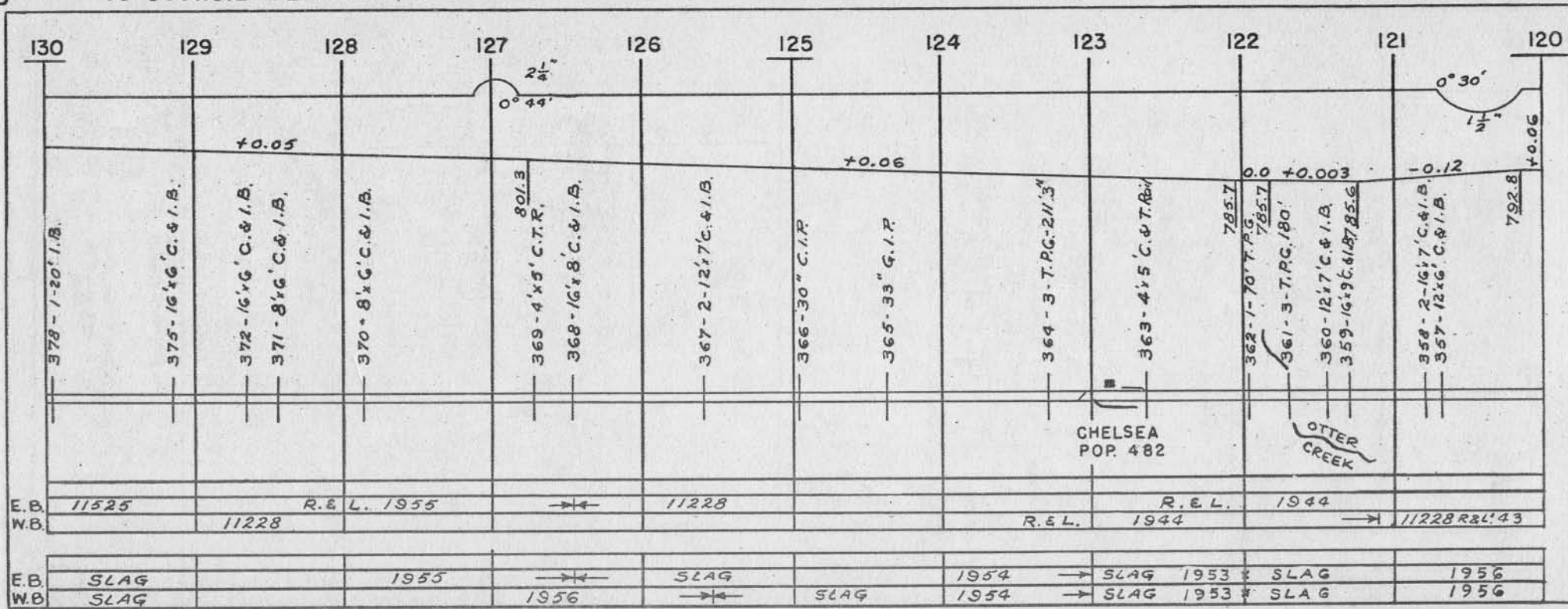
SLAG	1951	→	SLAG 51	→	STONE	→	SLAG	1953	→	STONE	→	SLAG '53	→	SLAG	1948	→	STONE	→	SLAG	1950	
SLAG '56	SLAG	1951	→	ROCK	→	SLAG	1950	→	SLAG	1953	→	SLAG	1948	→	STONE	→	SLAG	1946	→	SLAG	1952

E.B.
W.B.

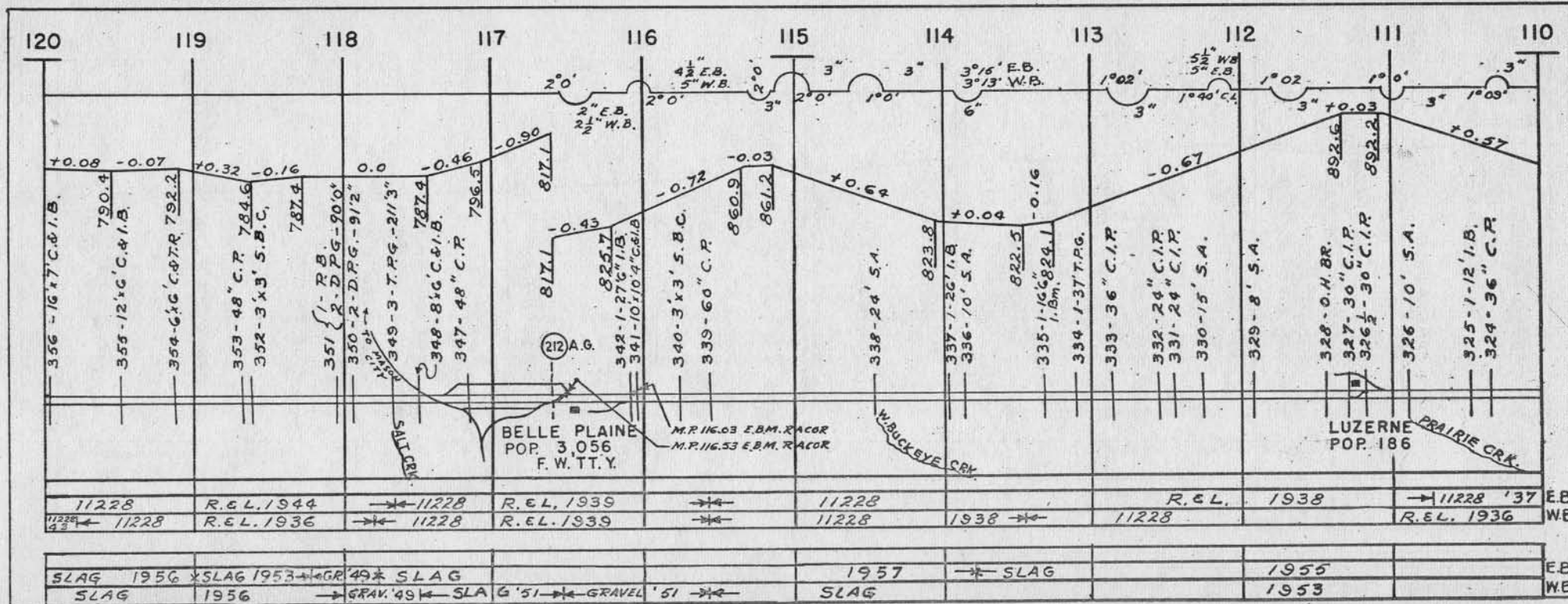


E.B.		11525	← 78'	RAILS	→			R.E.L.	1950
W.B.		11228	← 78'	RAILS	→			R.E.L.	1946
E.B.		SLAG							1950
W.B.	SLAG	1952	←	SLAG	→			1951	←
									SLAG
									1952



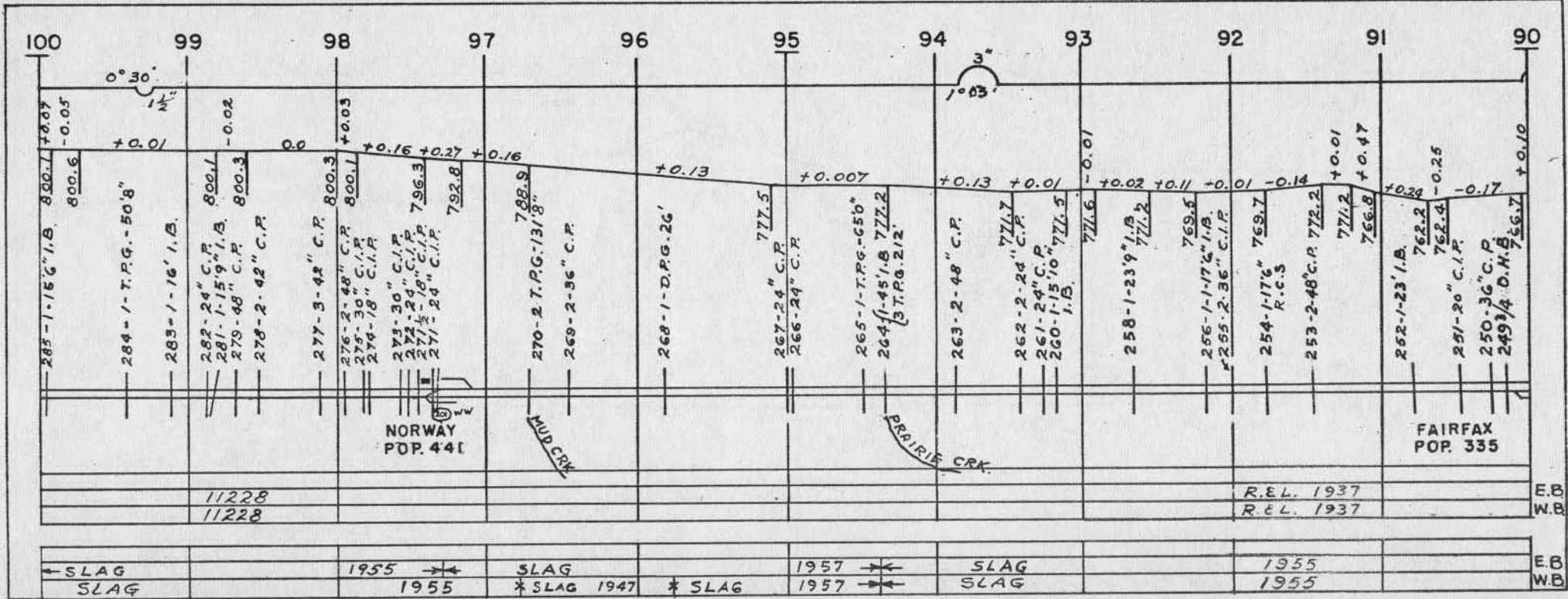


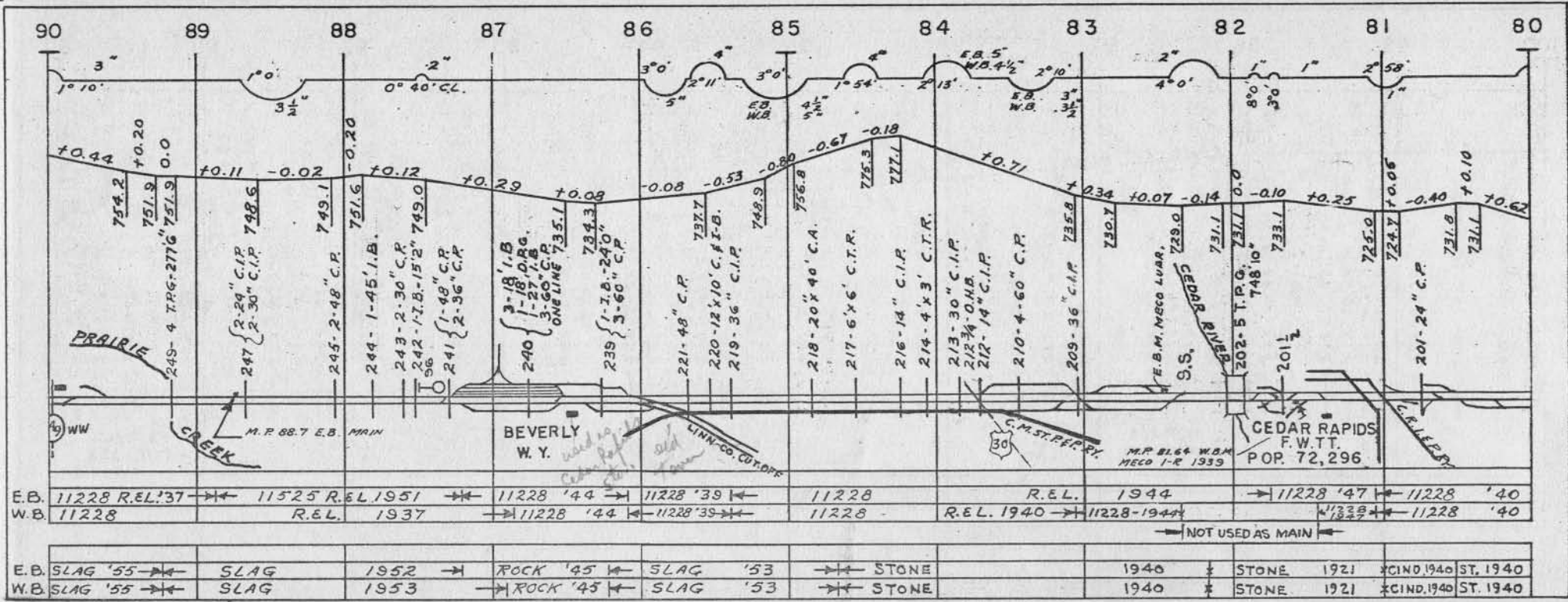
E.B.	11525	R. & L. 1955	→	11228		R. & L. 1944	1944	→	11228 R & L 43
W.B.		11228							
E.B.	SLAG	1955	→	SLAG		1954	→	SLAG 1953	SLAG 1956
W.B.	SLAG		→	SLAG		1954	→	SLAG 1953	SLAG 1956



11228	R.E.L. 1944	→ 11228	R.E.L. 1939	→	11228	R.E.L. 1938	→ 11228 '37	E.B.
← 11228	R.E.L. 1936	← 11228	R.E.L. 1939	←	11228	1938	← 11228	WB

SLAG 1956	SLAG 1953	GR. 49	SLAG	1957	SLAG	1955	E.B.
SLAG	1956	→ GRAV. 49	← SLA G '51	← GRAVEL '51	←	1953	WB

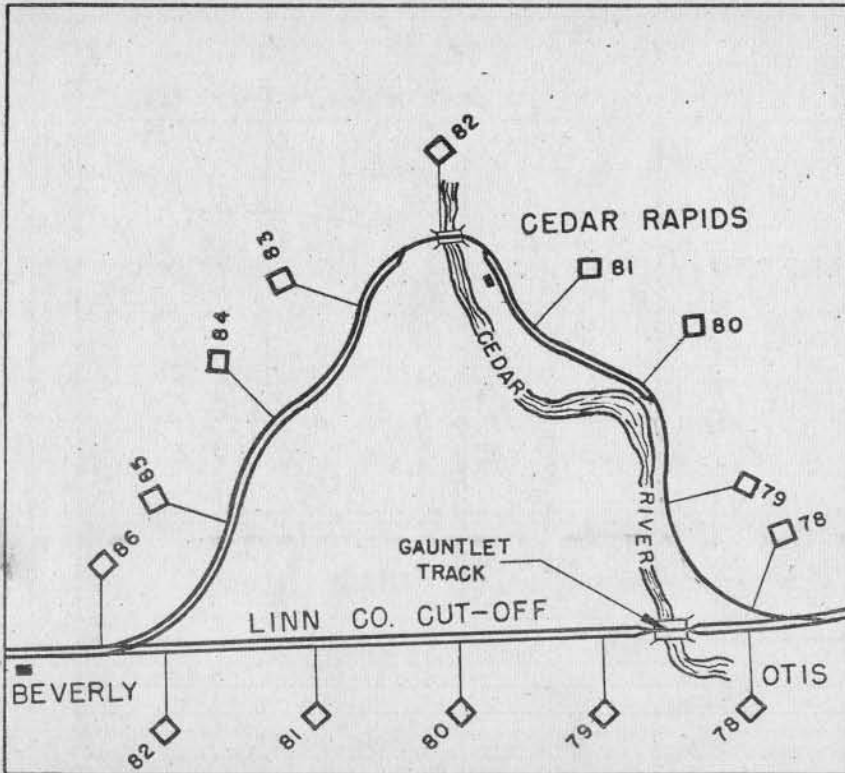




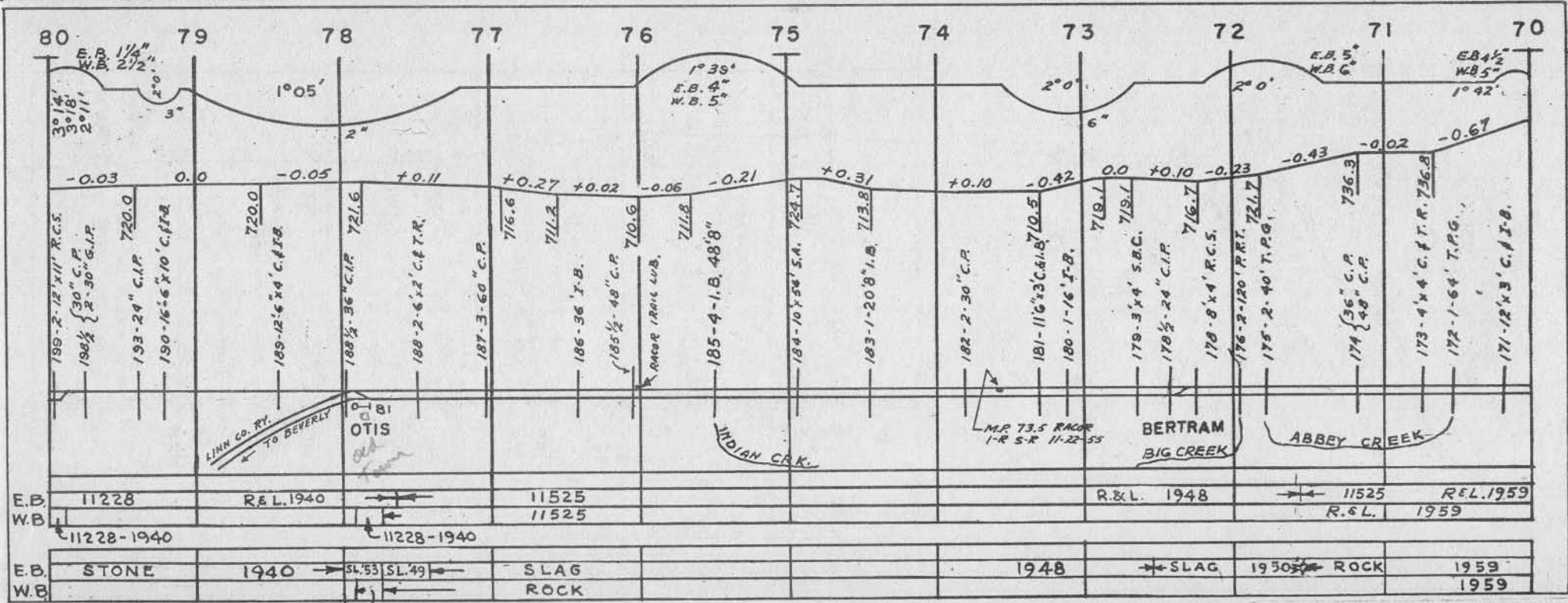
E.B.	11228 R.E.L.'37	11525 R.E.L. 1951	11228 '44	11228 '39	11228	R.E.L. 1944	11228 '47	11228 '40
W.B.	11228	R.E.L. 1937	11228 '44	11228 '39	11228	R.E.L. 1940	11228-1944	11228 '40

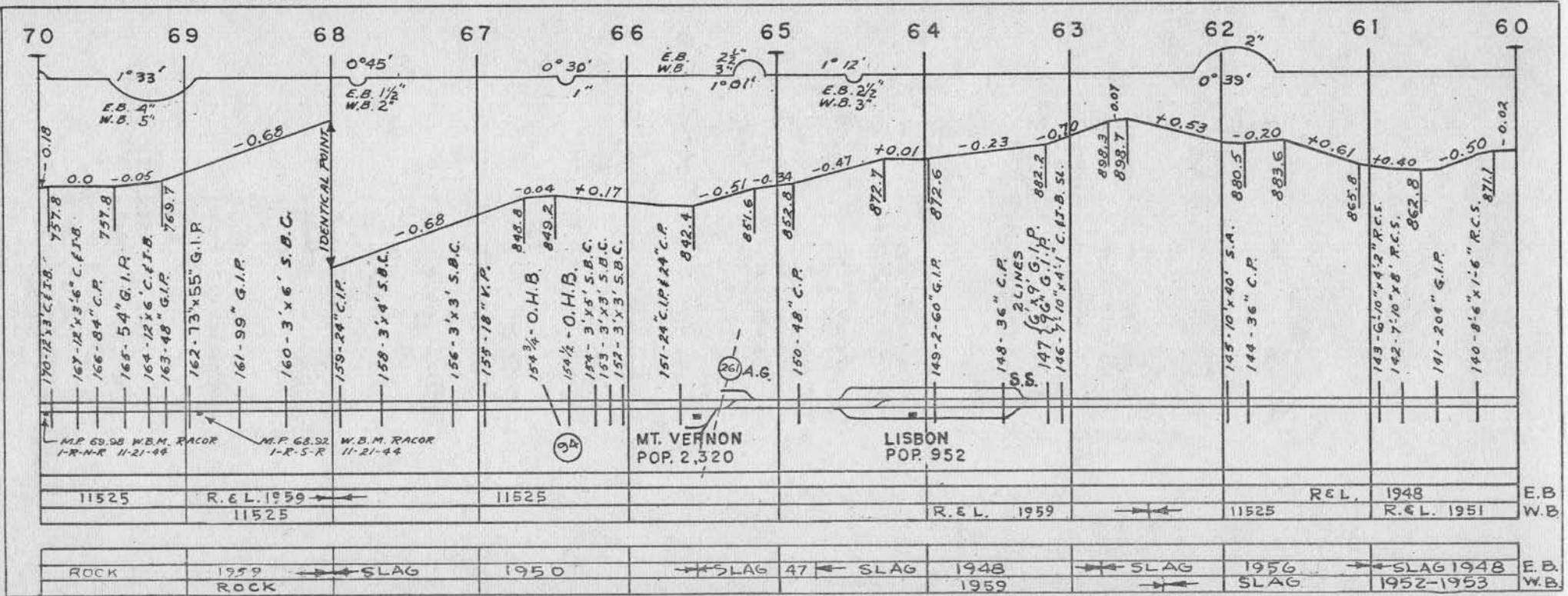
NOT USED AS MAIN

E.B.	SLAG '55	SLAG	1952	ROCK '45	SLAG '53	STONE	1940	STONE	1921	CIND. 1940	ST. 1940
W.B.	SLAG '55	SLAG	1953	ROCK '45	SLAG '53	STONE	1940	STONE	1921	CIND. 1940	ST. 1940

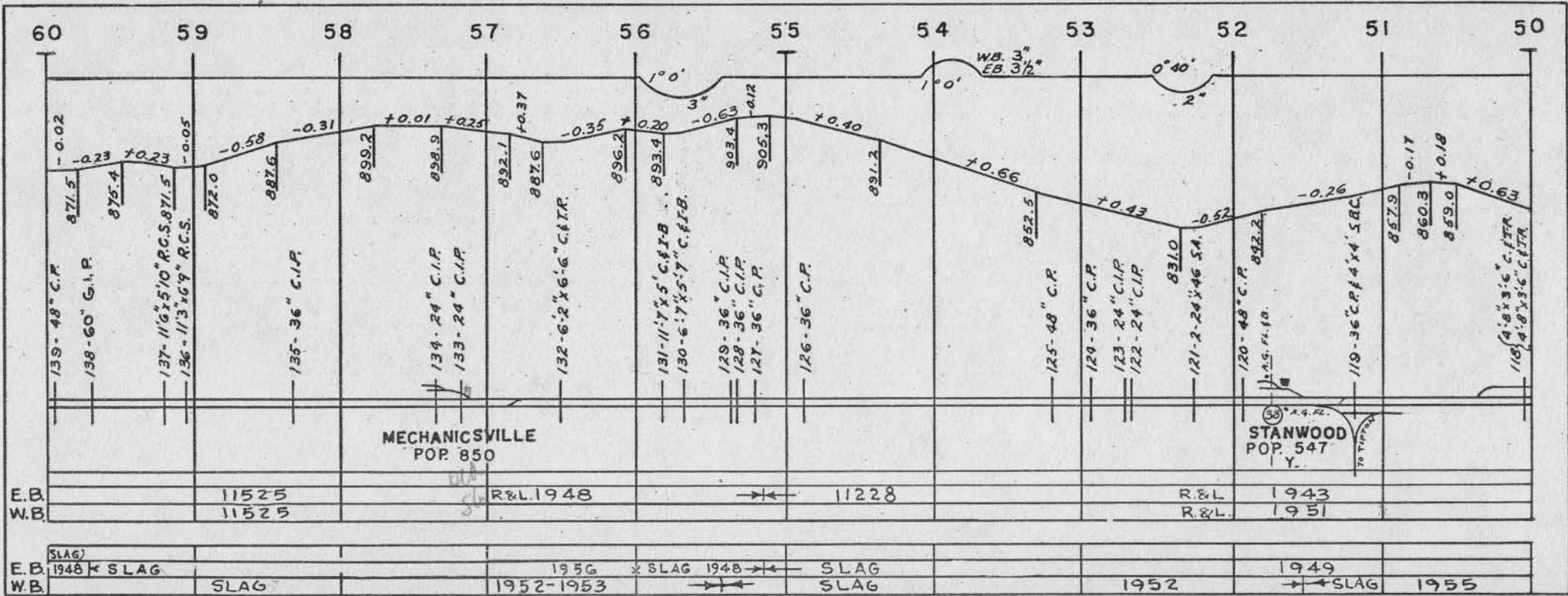


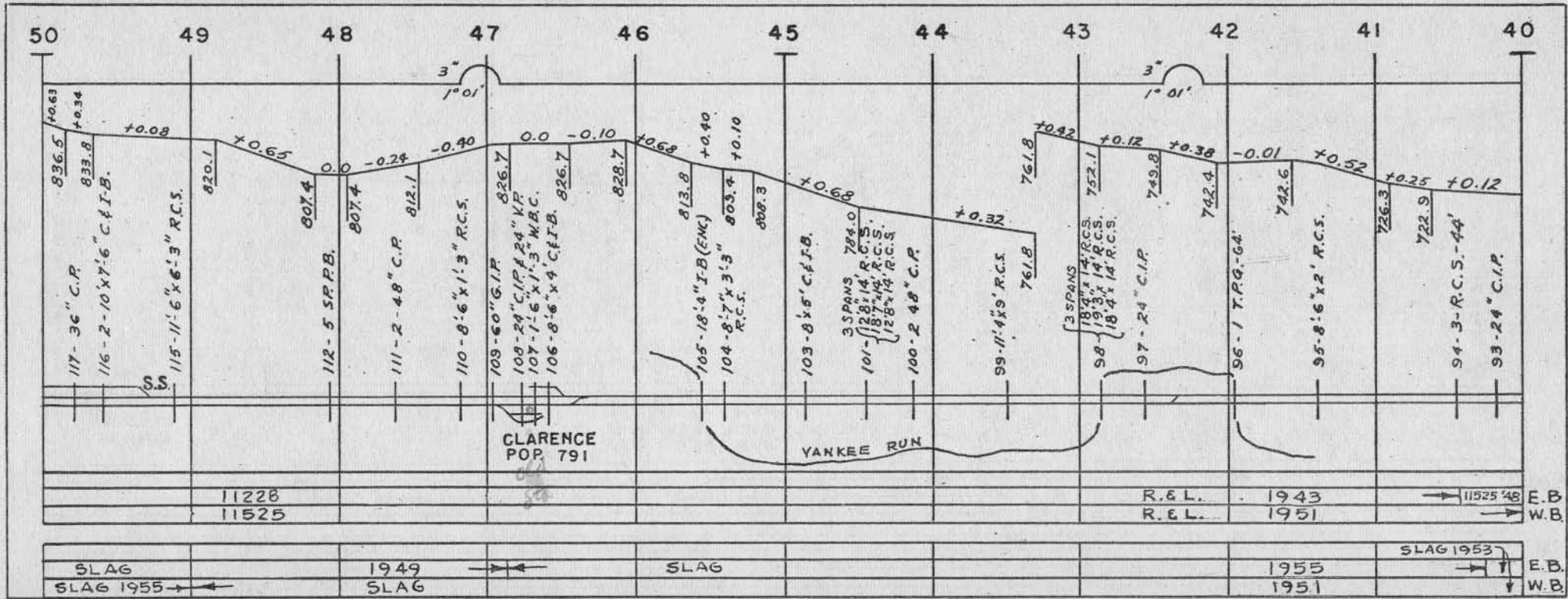
Station	82	81	80	79	78
Profile	3'05" 1'30"				
Elevation	-0.09	0.0	-0.13	+0.27	+0.05
Grade	738.1	738.1	744.1	720.6	720.6
Notes	SIG. BR. END OF LINN COUNTY RY. TOWER 238-4 D.P.G.-235'3"	237-4 D.R.G.-235'3"	236 1/2 - O.R.B.	236 1/4 - O.H.B.	236-3-48" C.P. 235-48" C.P. 234 1/2 - 24" C.P. 234-24" C.P.
Structure	CEDAR RAPIDS BEVERLY W. Y.		PRAIRIE CRK.	GAUNTLET TRACK	CEDAR RAPIDS OTIS
Clearance	11228	11525			11228-1940
Material		11525		REL. 1957	REL. 1957
Notes				MANNIX BALLAST SLED BOTH TRACKS	
Material	GR.V.51	SLAG		1957	GR.1951
Material		SLAG		1957	
Notes	GRAV.51				GR.1951

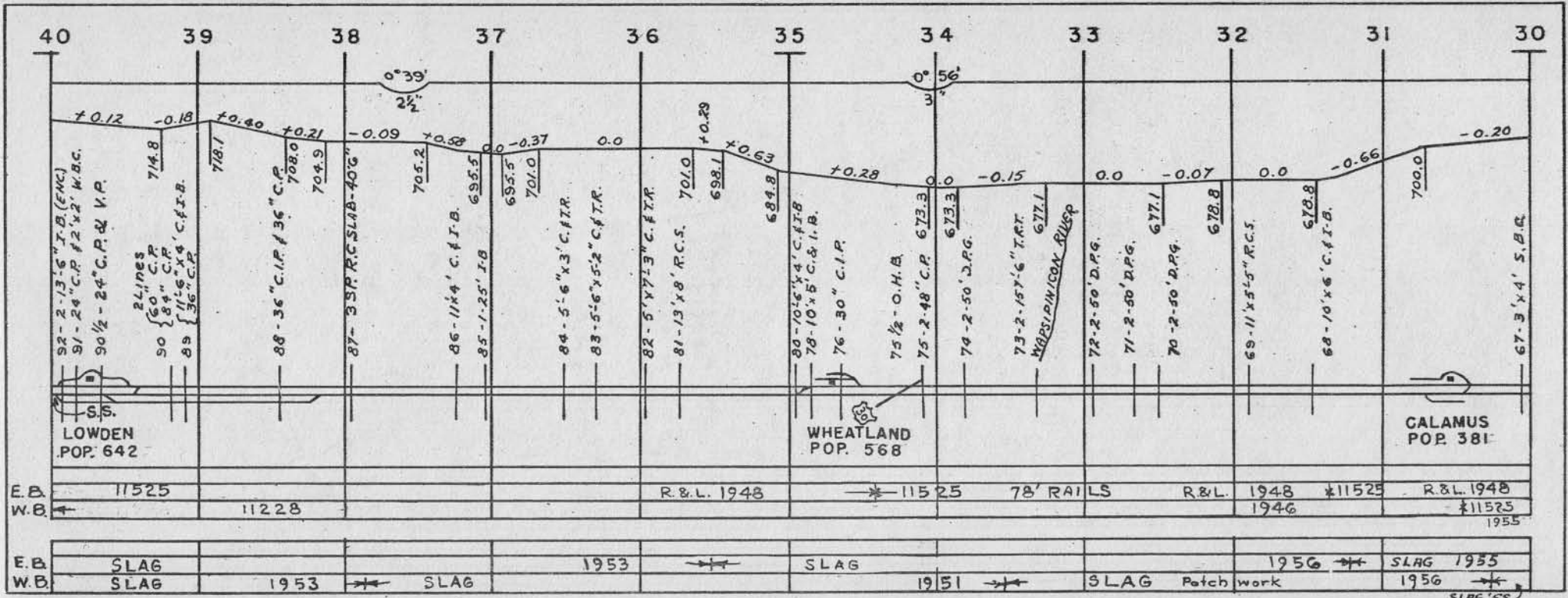




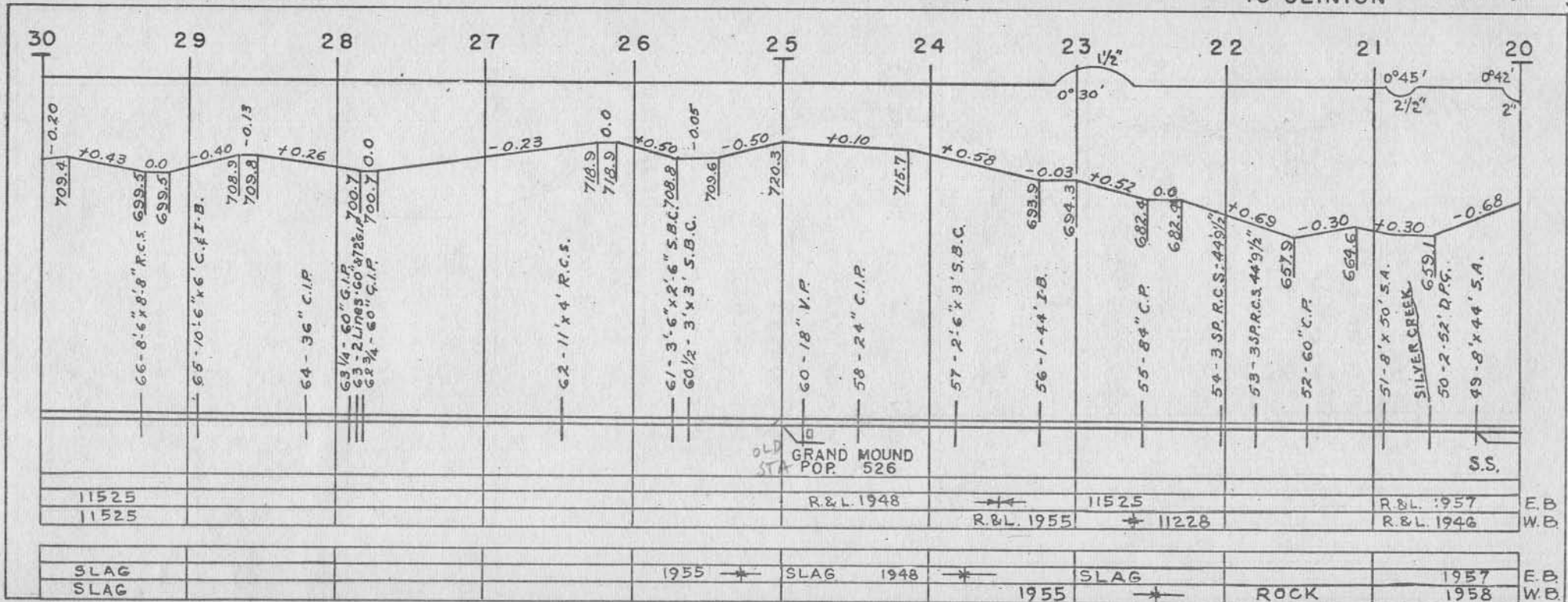
Note: No. 10 Mang. Insert Frog in the W.B. turnout of X-over at Mt. Vernon is Du Pont Explosion Hardened.







E.B.	11525			R&L. 1948	11525	78' RAILS	R&L. 1948	11525	R&L. 1948
W.B.		11228					1946		11525 1955
E.B.	SLAG			1953		SLAG		1956	SLAG 1955
W.B.	SLAG	1953	SLAG		1951	SLAG Patch work		1956	SLAG '55



11525
11525

R.&L. 1948

11525

R.&L. 1957

E.B.

SLAG
SLAG

1955

SLAG

1948

1955

SLAG

ROCK

1957

E.B.

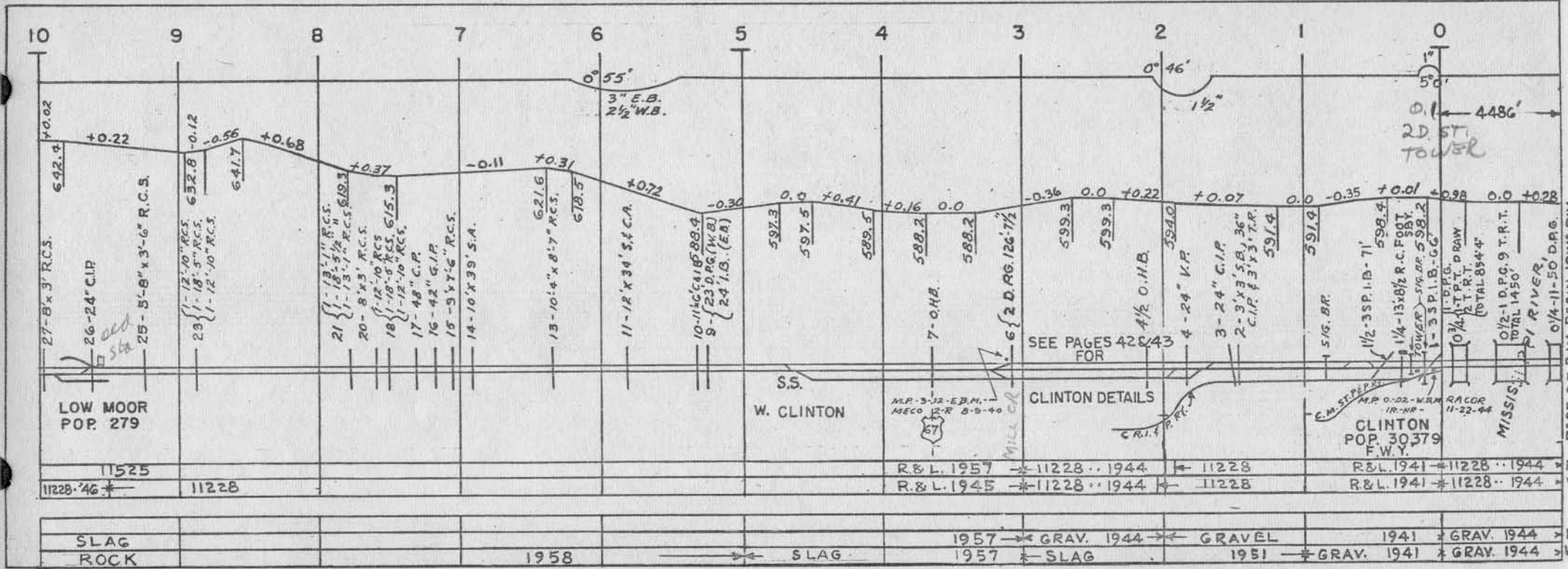
SLAG

1955

ROCK

1958

W.B.



LOW MOOR
POP. 279

11525
11228-46

SLAG
ROCK

W. CLINTON

MP. 3-12 E.B.N.
MECO 2-R 8-9-40
57

SEE PAGES 42 & 43
FOR
CLINTON DETAILS

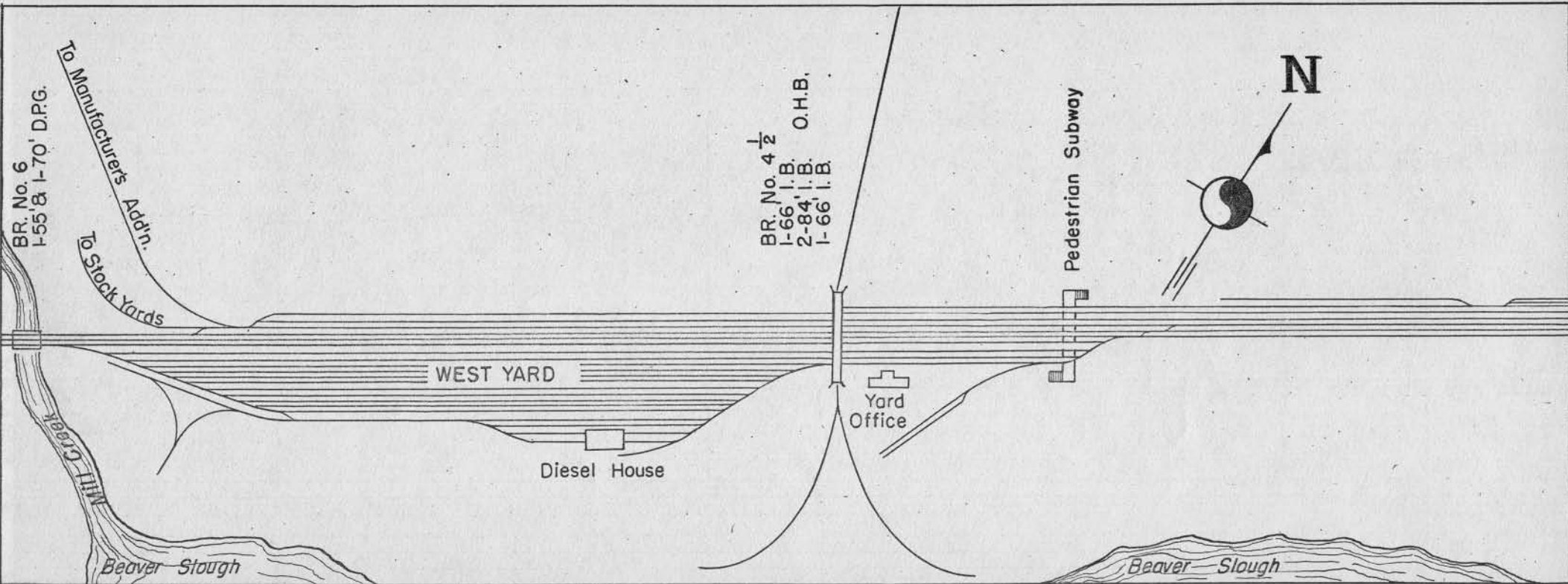
CLINTON
POP. 30379
F.W.Y.

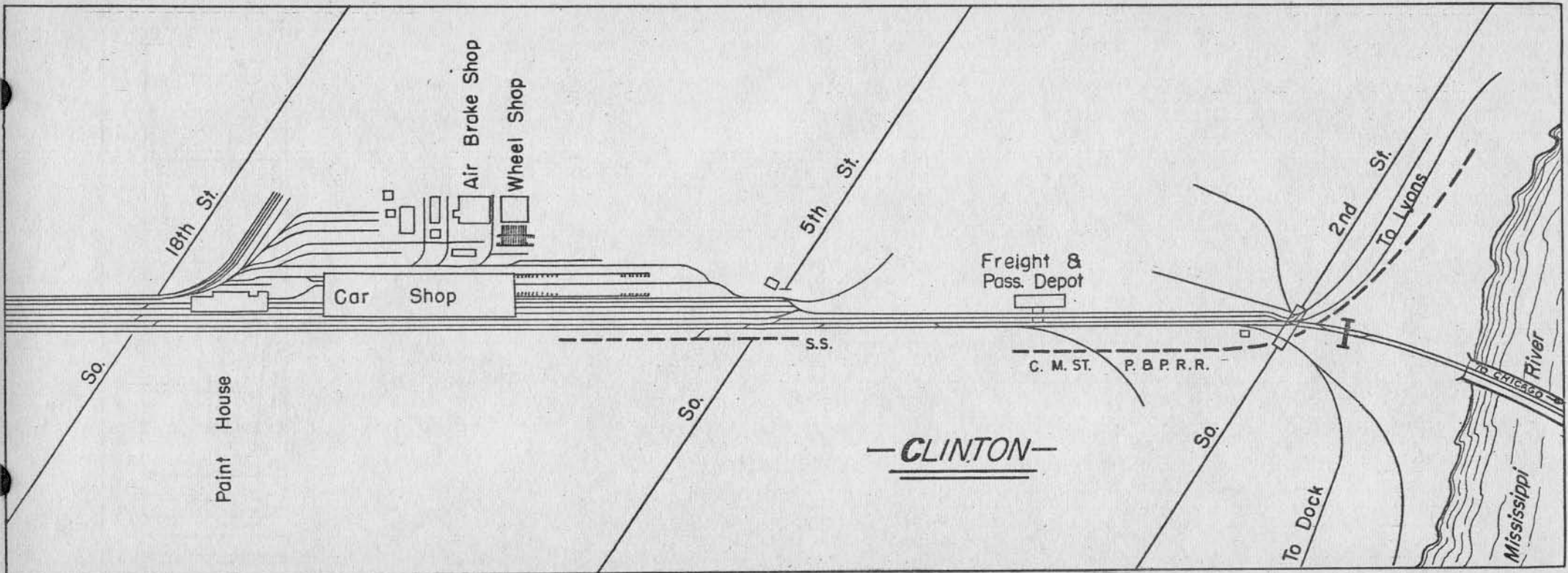
MISSISSIPPI RIVER

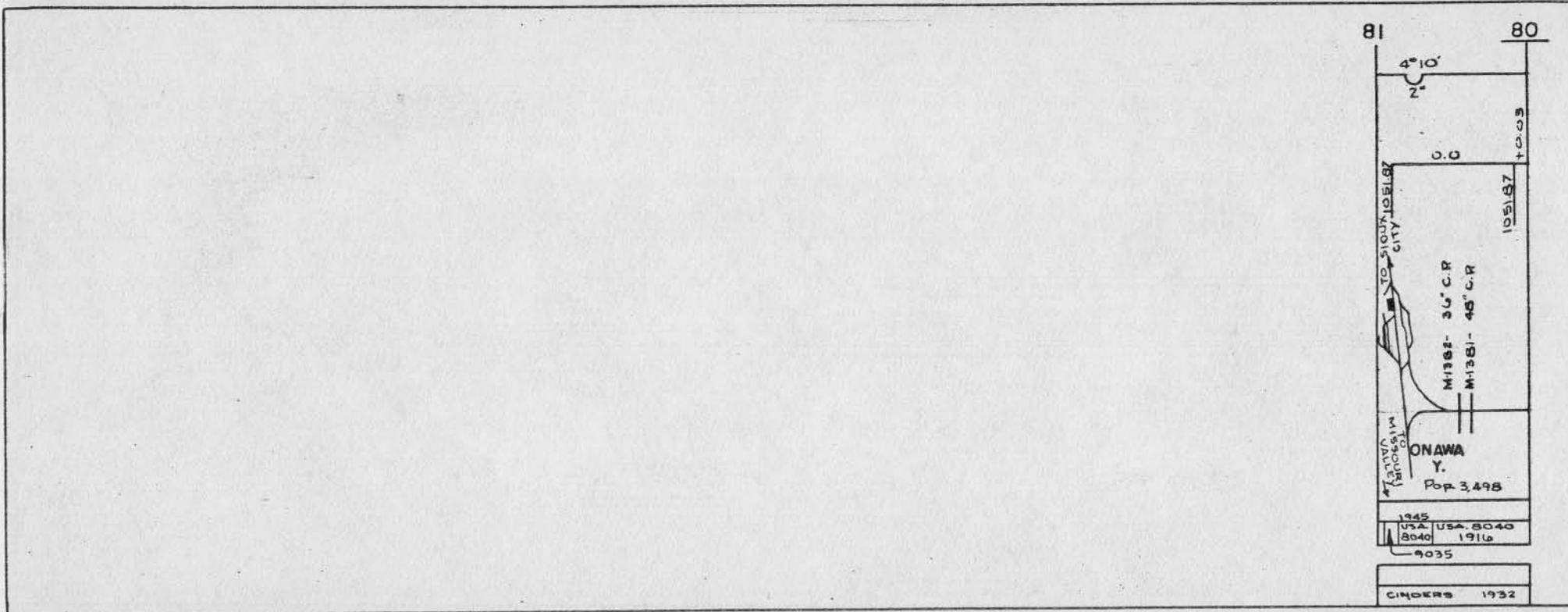
FACE OF B.W. BEGIN IOWA DIV.

R & L. 1957	→ 11228	← 1944	← 11228	R & L. 1941	→ 11228	→ 1944	E.B.
R & L. 1945	→ 11228	→ 1944	← 11228	R & L. 1941	→ 11228	→ 1944	W.B.

1957	→ GRAV.	1944	← GRAVEL	1941	→ GRAV.	1944	E.B.
1957	→ SLAG			1951	→ GRAV.	1941	W.B.







81 80

4' 10"
2'

0.0

+0.05

TO SIOUX CITY
CITY

M1382- 36" C.R.

M1381- 48" C.R.

1051.87

SECTION
OF

ONAWA
Y.
Pop. 3,498

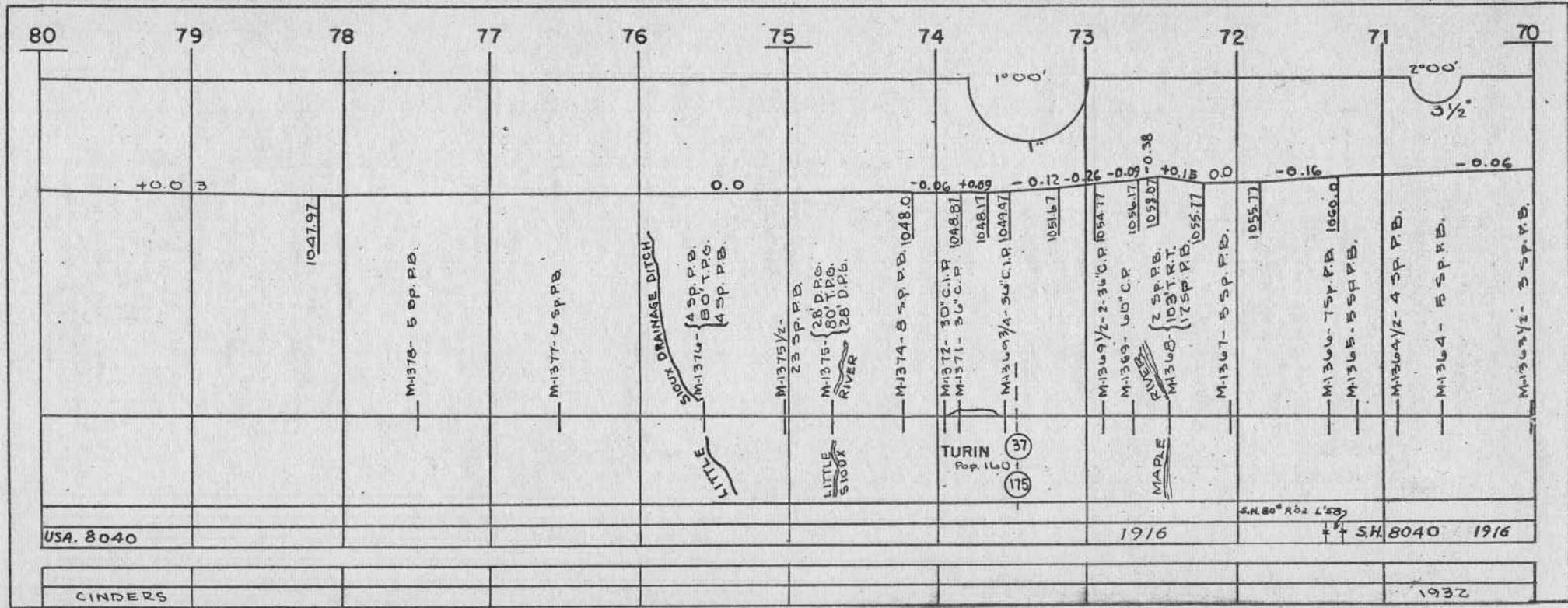
1945

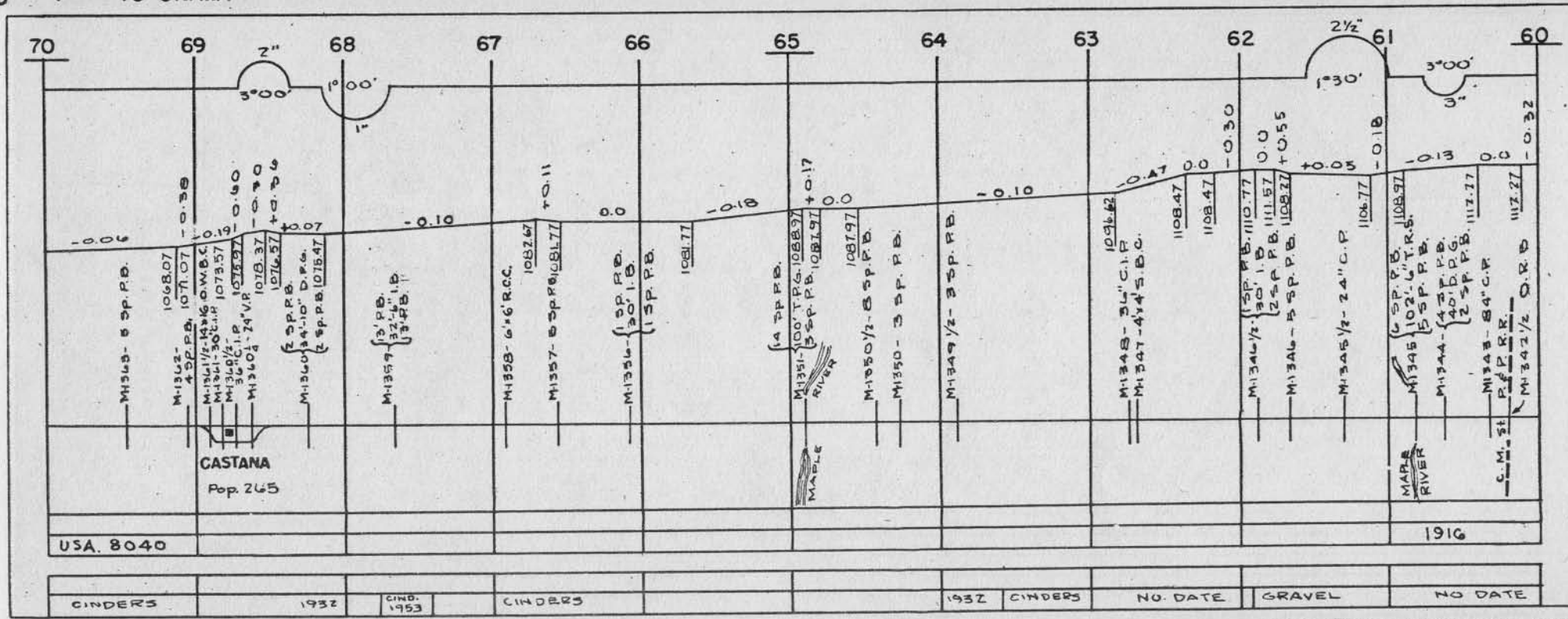
USA
8040

USA. 8040
1916

9035

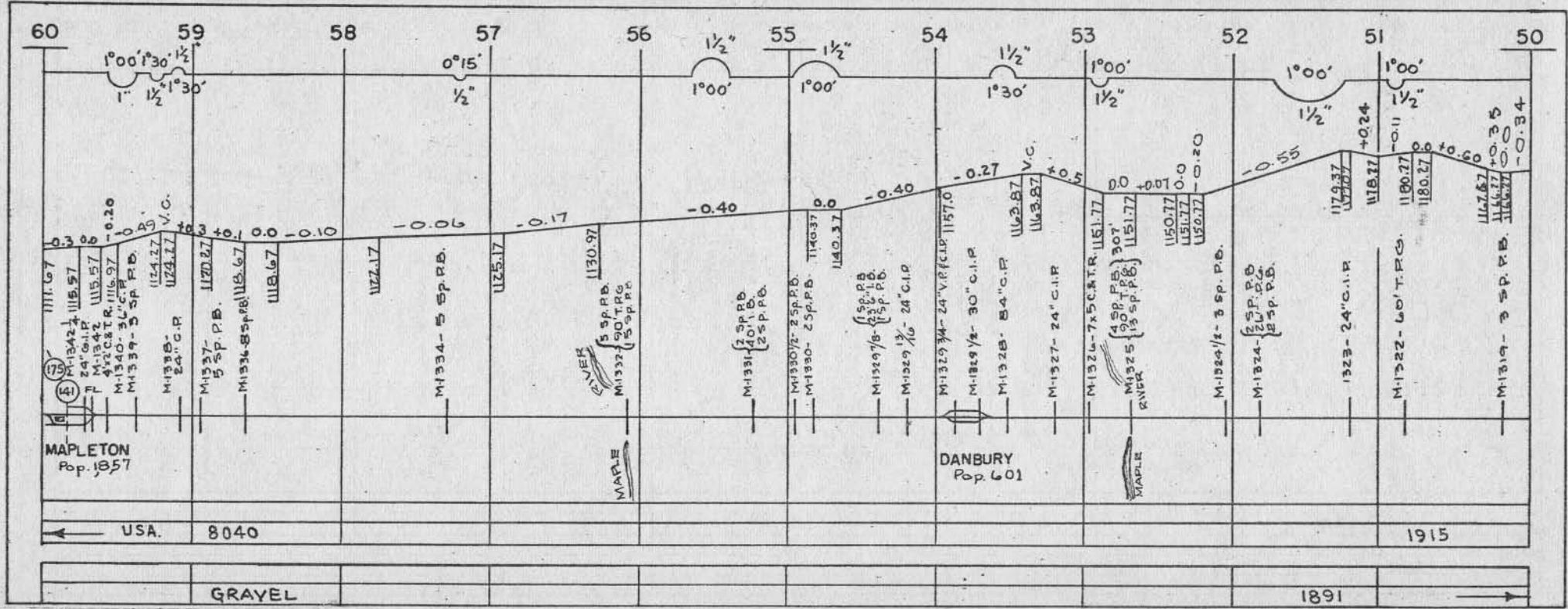
CINDERS 1932





1916

CINDERS	1932	CIND. 1953	CINDERS	1932	CINDERS	NO. DATE	GRAVEL	NO. DATE
---------	------	------------	---------	------	---------	----------	--------	----------

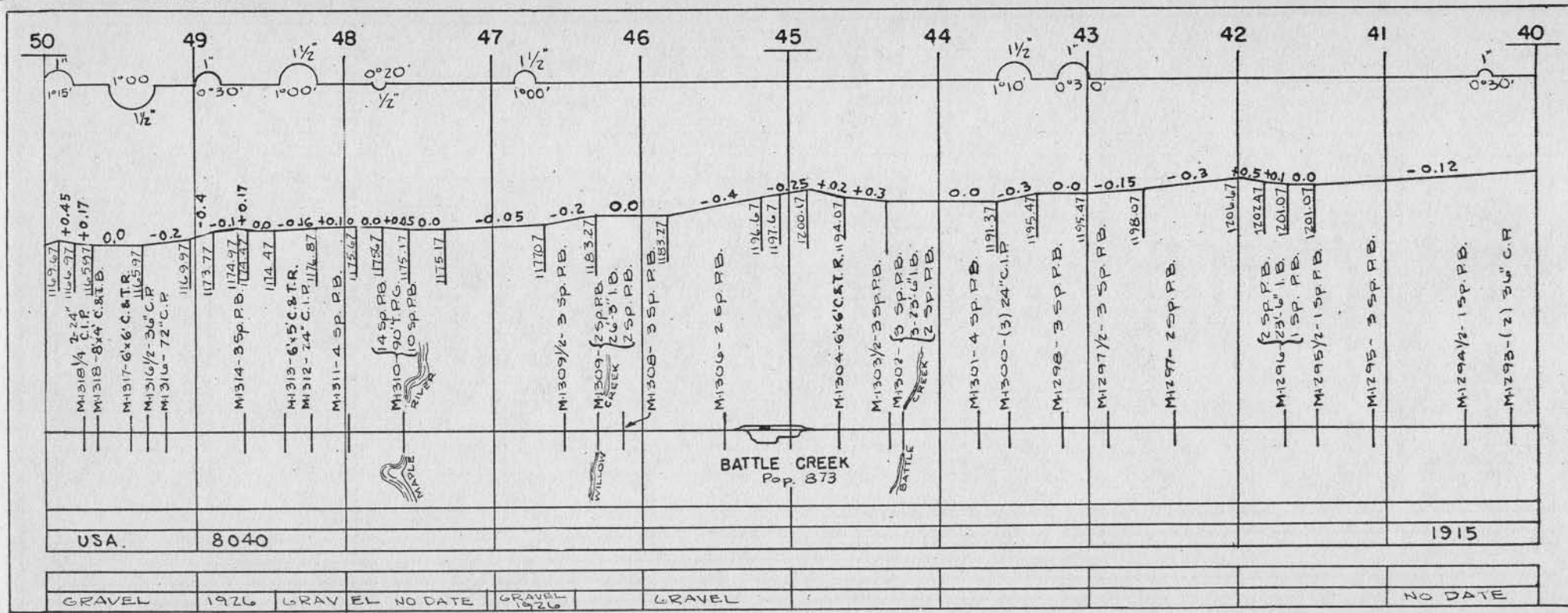


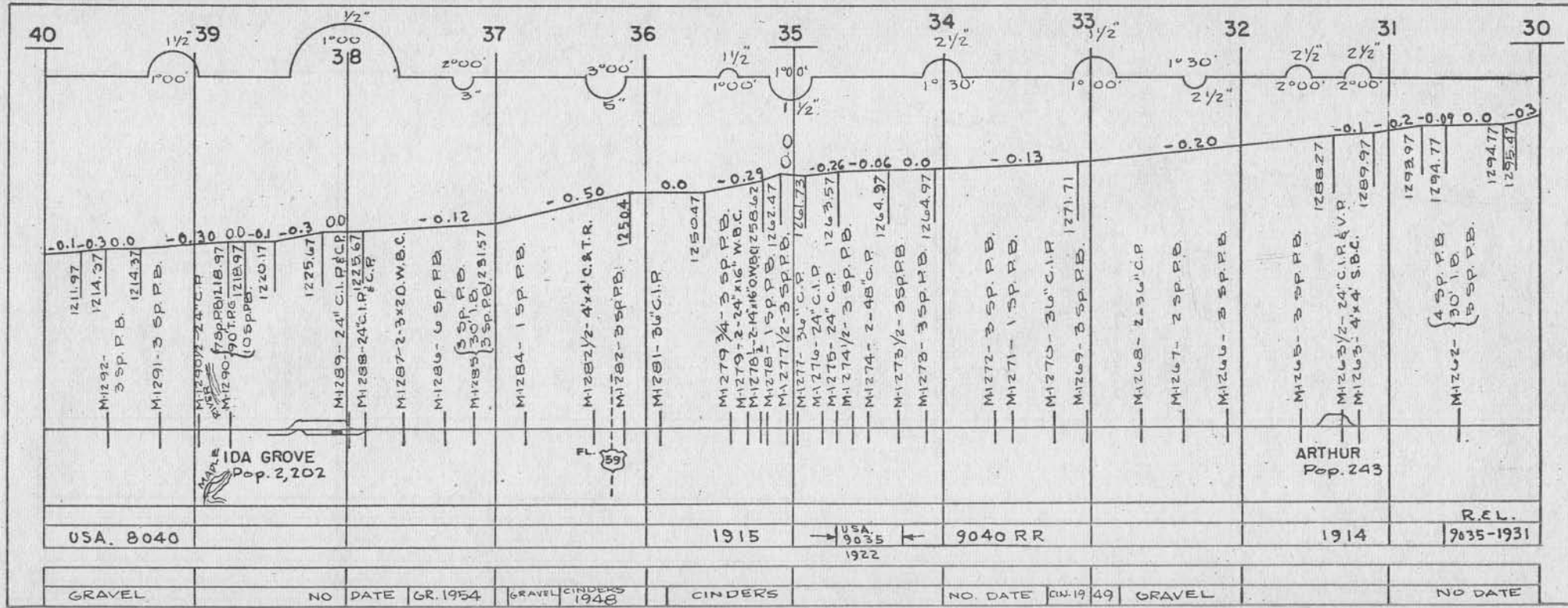
GRAYEL

1891

USA. 8040

1915





MAPLE
IDA GROVE
Pop. 2,202

F
59

ARTHUR
Pop. 243

USA. 8040

1915

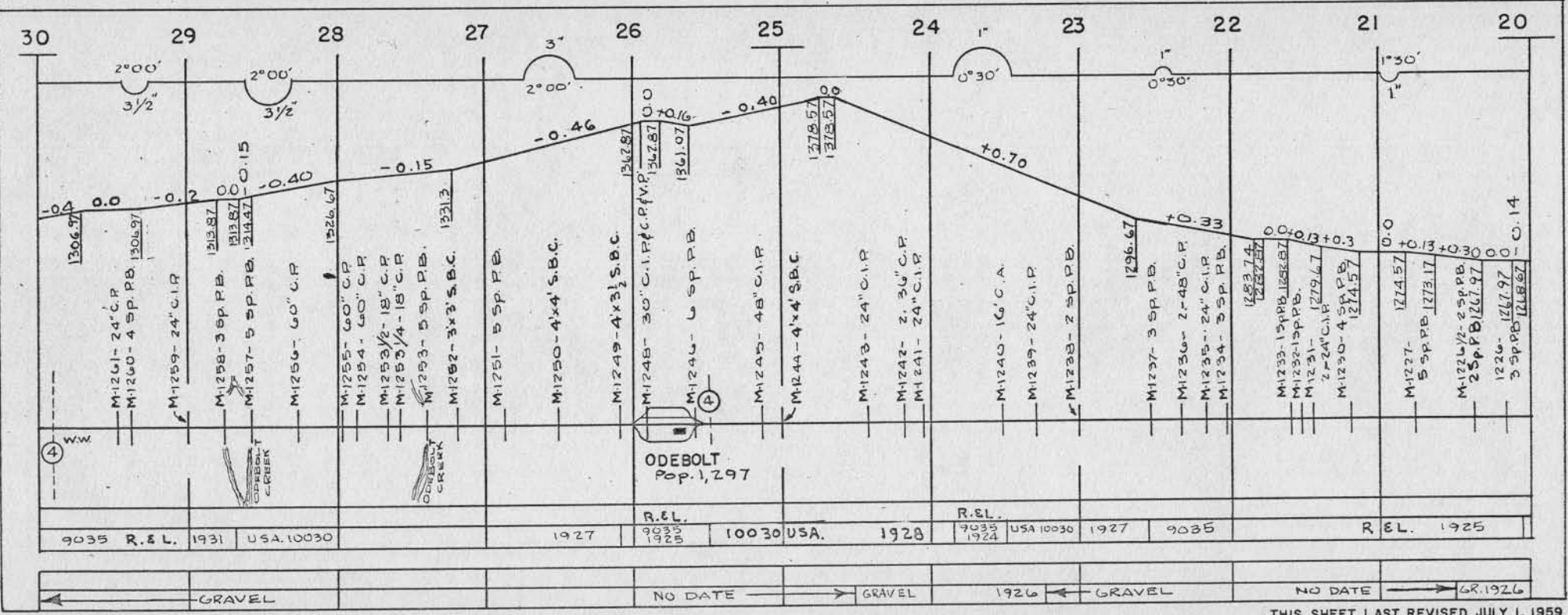
USA.
9035
1922

9040 RR

1914

R.E.L.
9035-1931

GRAVEL	NO	DATE	GR. 1954	GRAVEL CINDERS 1948	CINDERS	NO	DATE	ON-19 49	GRAVEL	NO	DATE



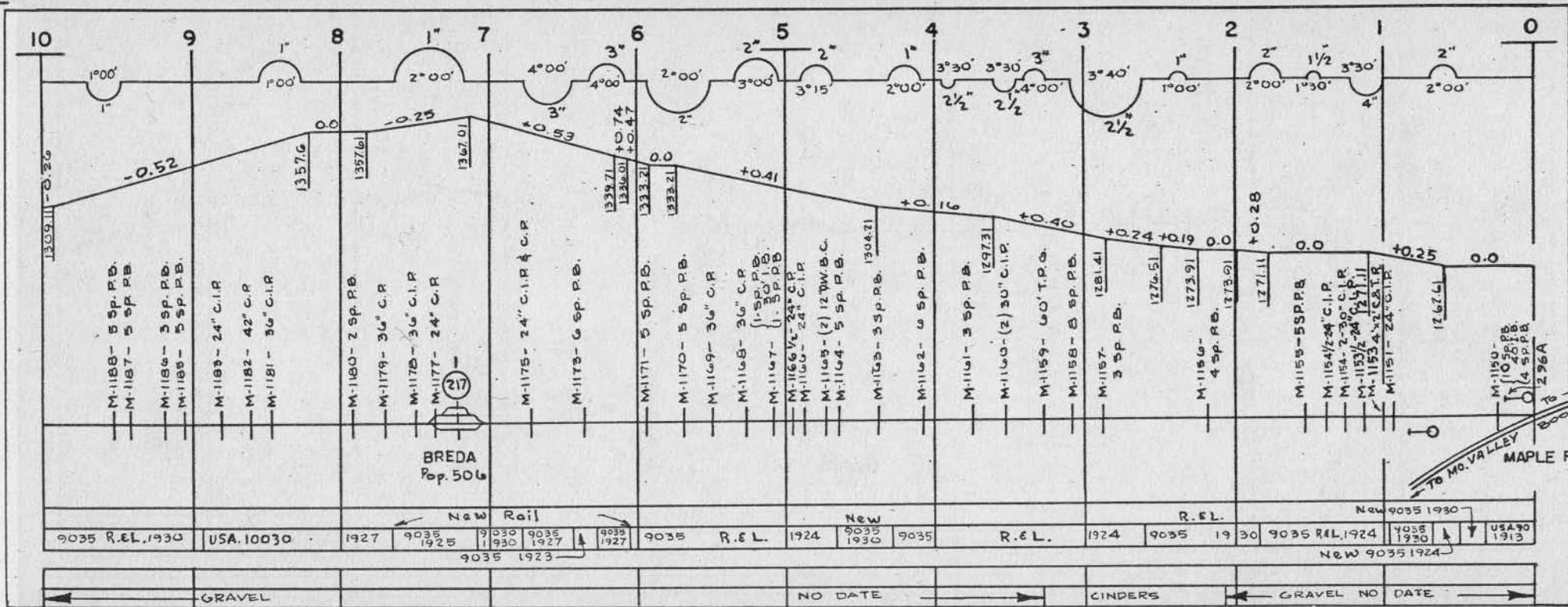
ODEBOLT
Pop. 1,297

ODORBOLT
CREEK

W.W.

9035	R. & L.	1931	USA. 10030	1927	9035	USA. 10030	1928	9035	USA 10030	1927	9035	R. & L.	1925
------	---------	------	------------	------	------	------------	------	------	-----------	------	------	---------	------

←	GRAVEL	NO DATE	→	GRAVEL	1926	←	GRAVEL	NO DATE	→	GR. 1926
---	--------	---------	---	--------	------	---	--------	---------	---	----------

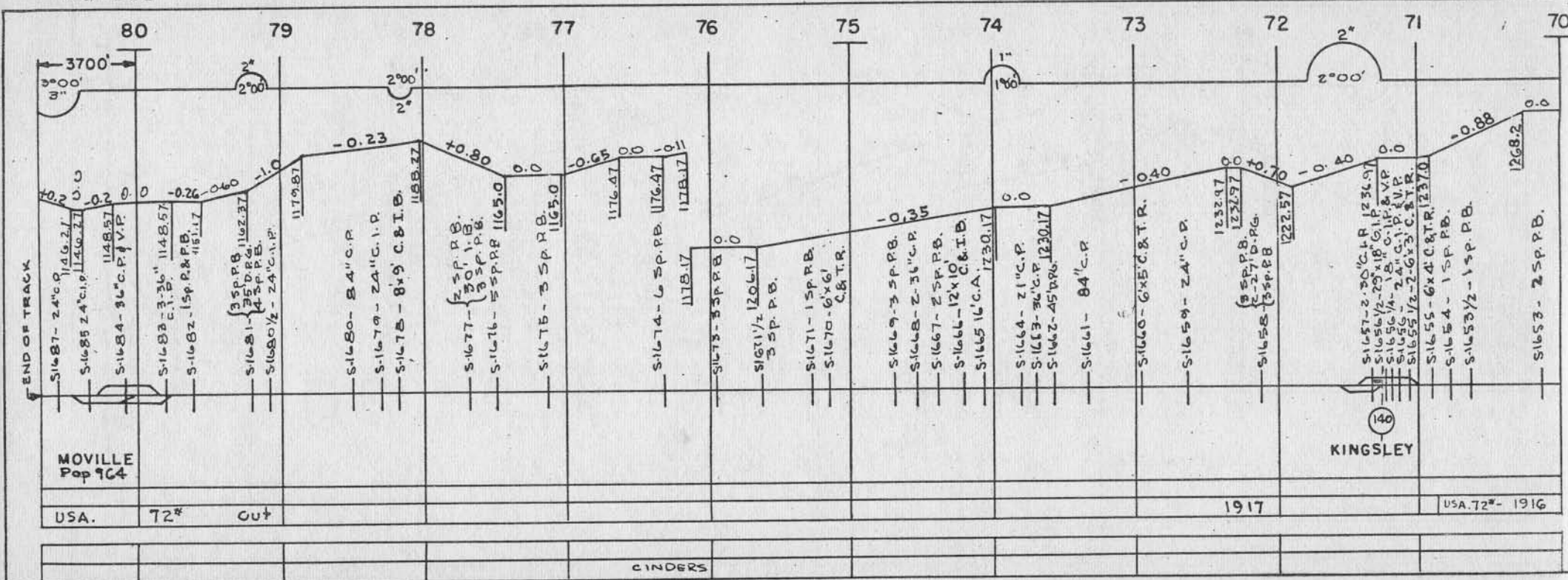


BREDA
Pop. 506

TO MO. VALLEY
BOONE
MAPLE RIVER

9035 R.E.L. 1930	USA. 10030	1927	9035 1925	9030 1930	9035 1927	9035 1927	9035 R.E.L. 1924	9035 1930	9035	R.E.L. 1924	9035 1930	9035 R.E.L. 1924	9035 1930	USA 90 1913
New Rail				New				R.E.L.				New 9035 1930		
New 9035 1924														

GRAVEL ← NO DATE → CINDERS ← GRAVEL NO DATE →



MOVILLE
Pop 964

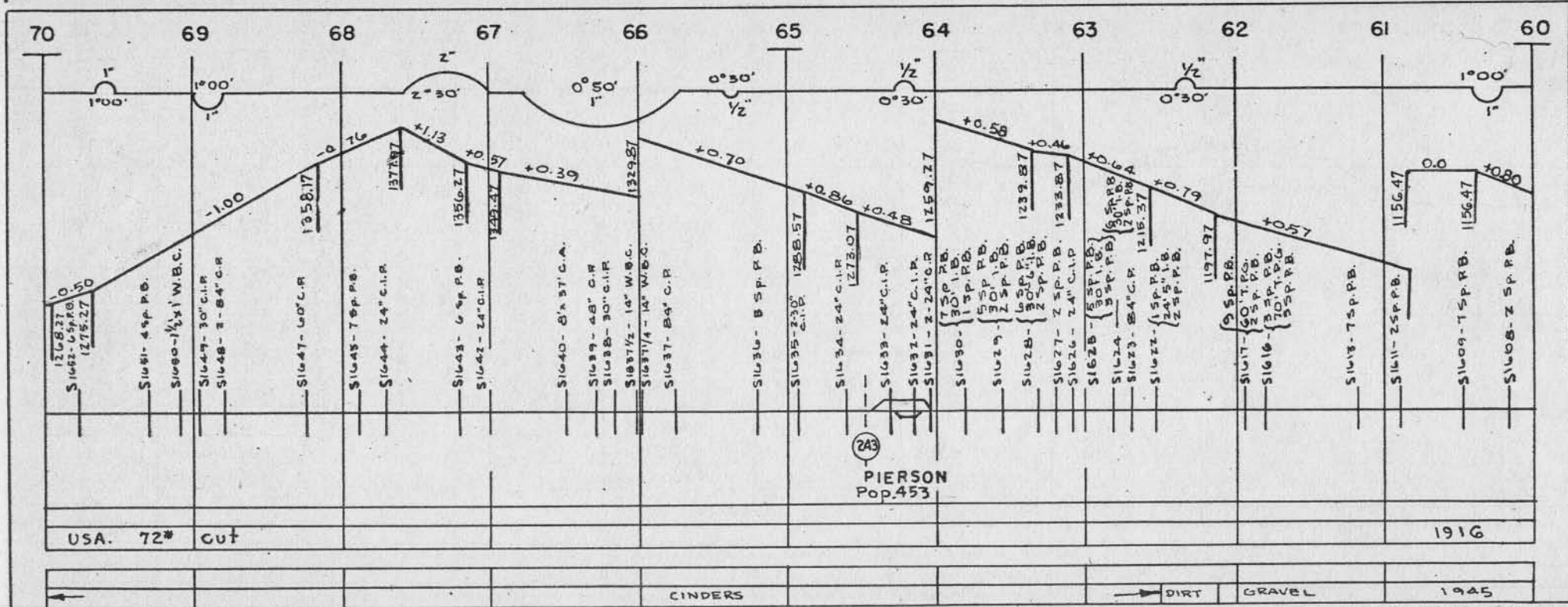
KINGSLEY

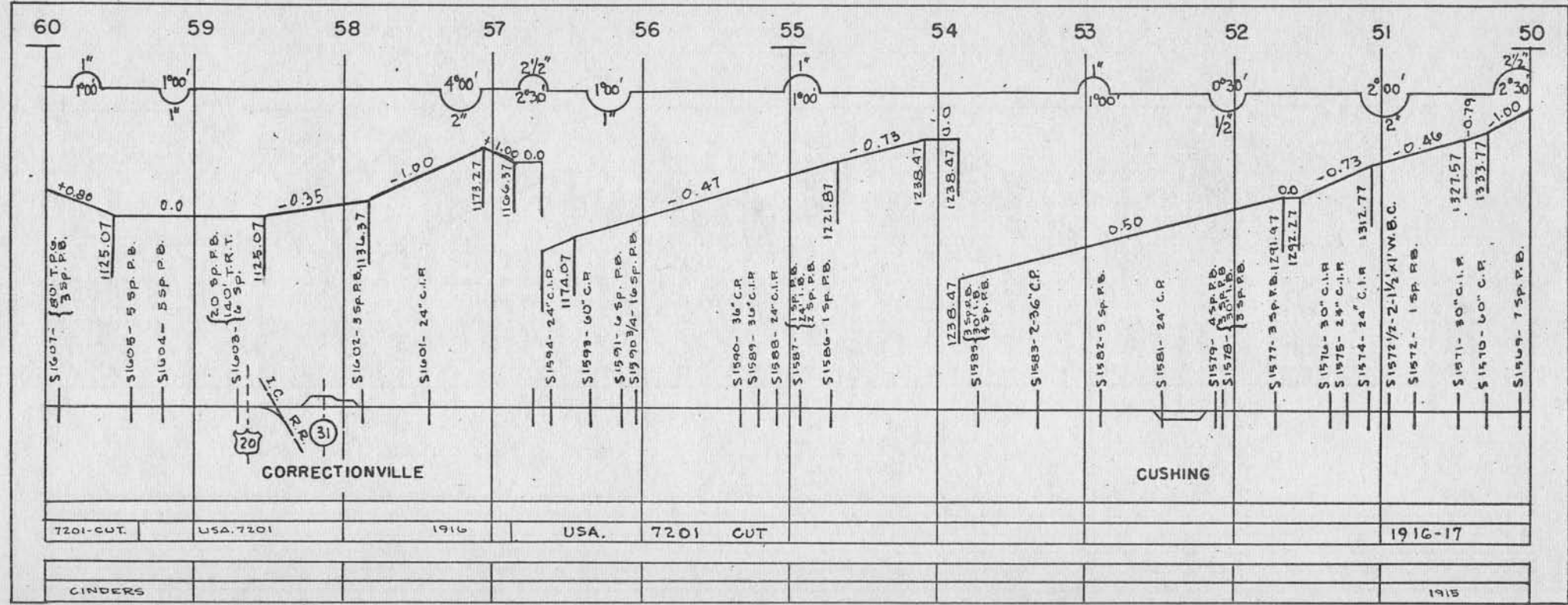
USA. 72* Out

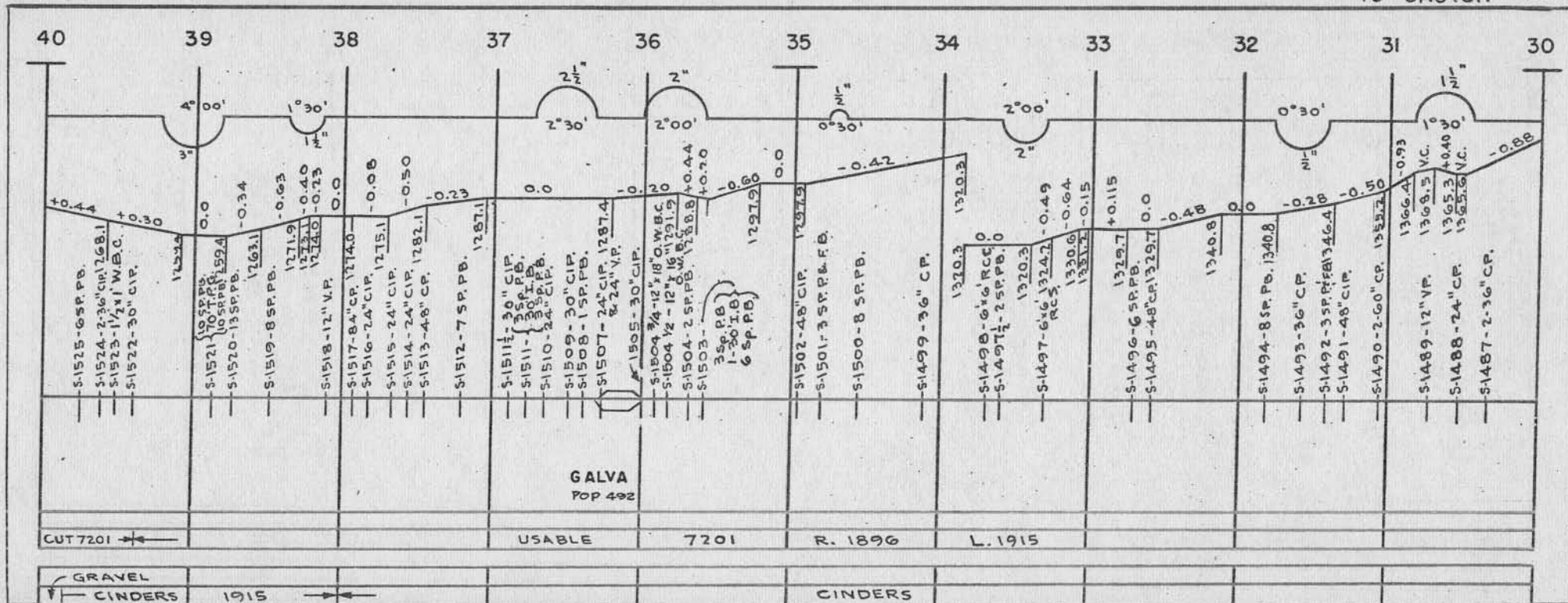
1917

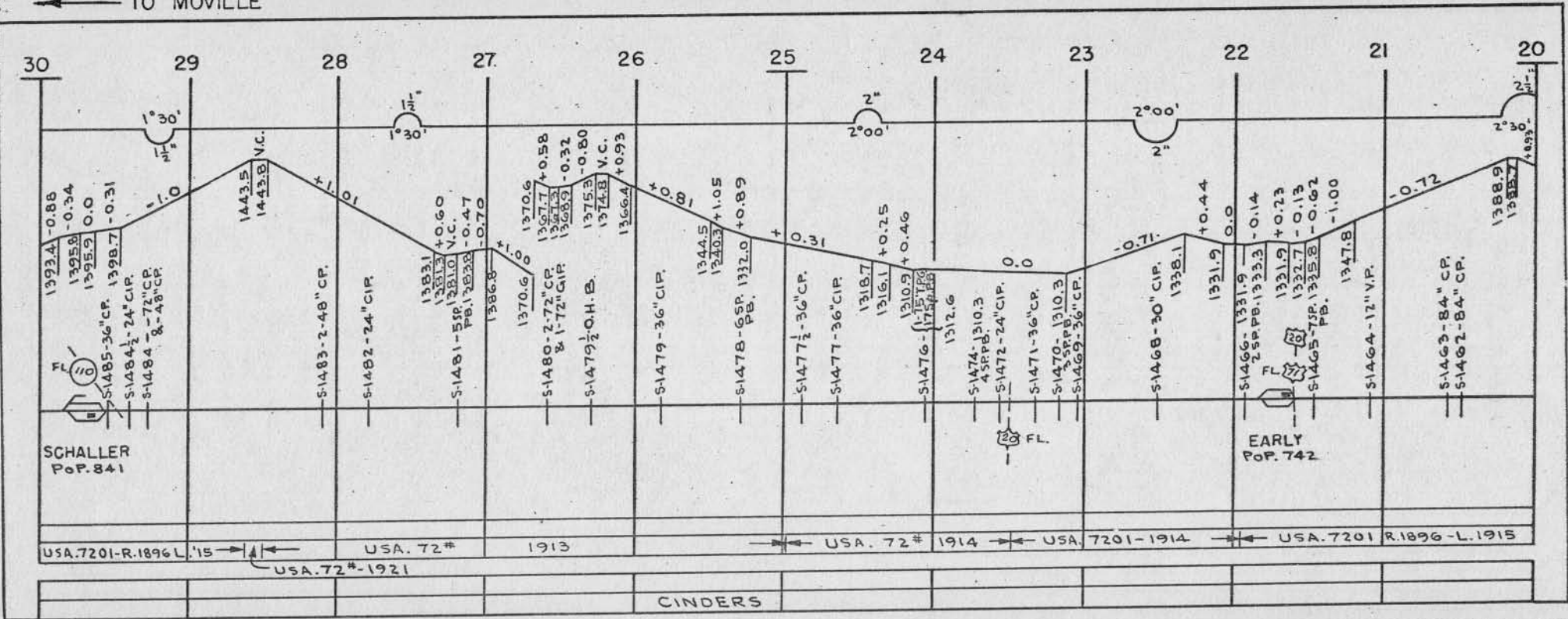
USA. 72* - 1916

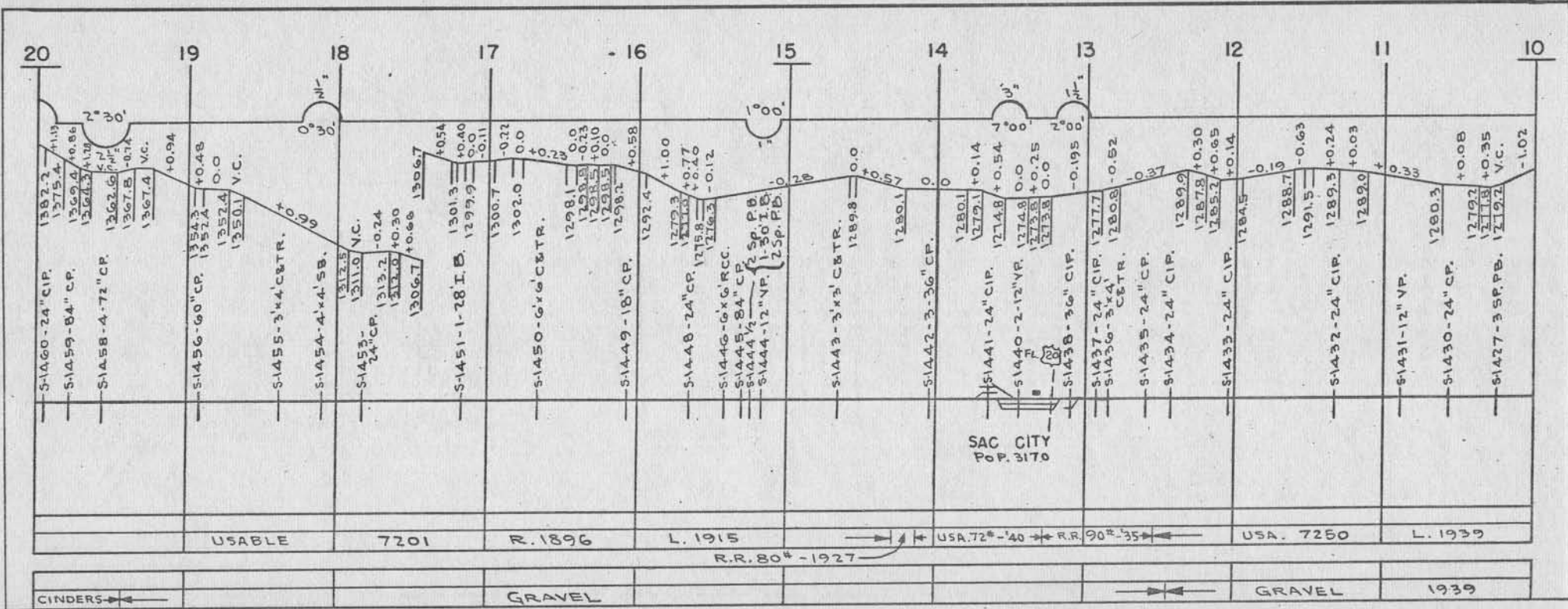
CINDERS

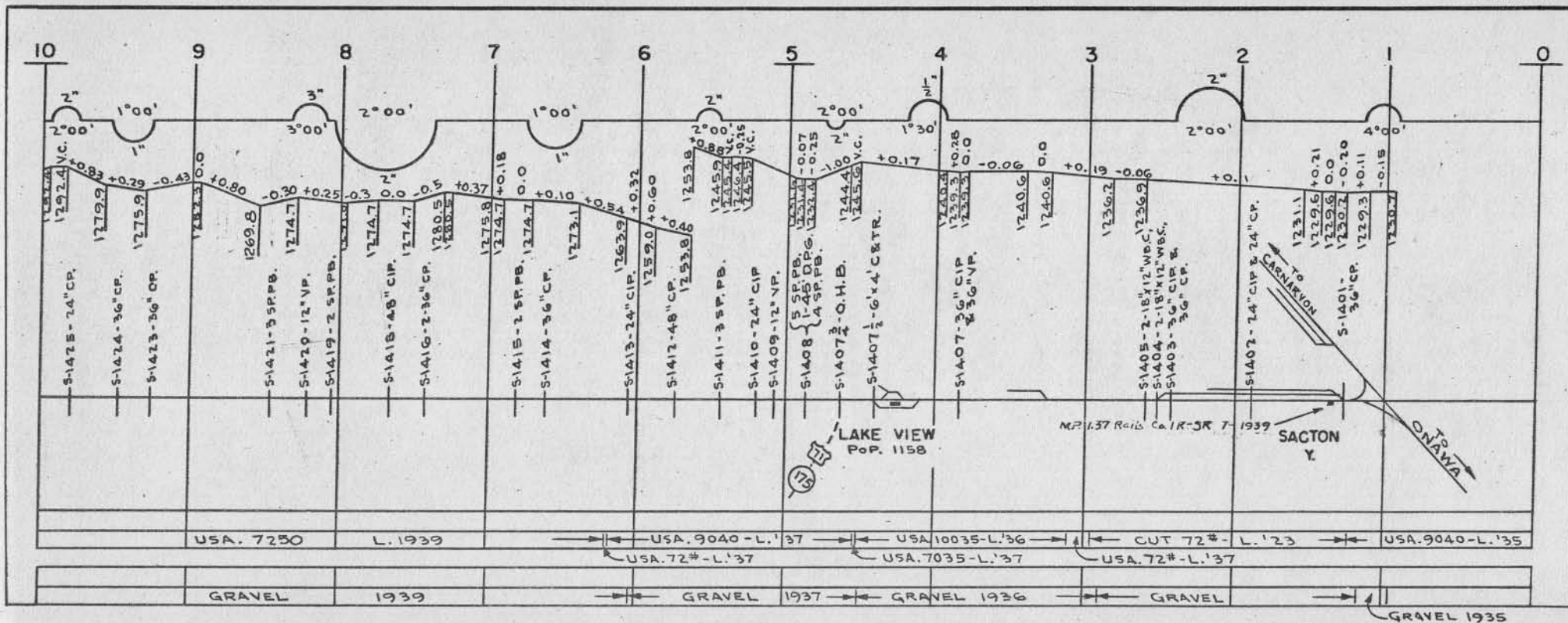












LAKE VIEW
Pop. 1158

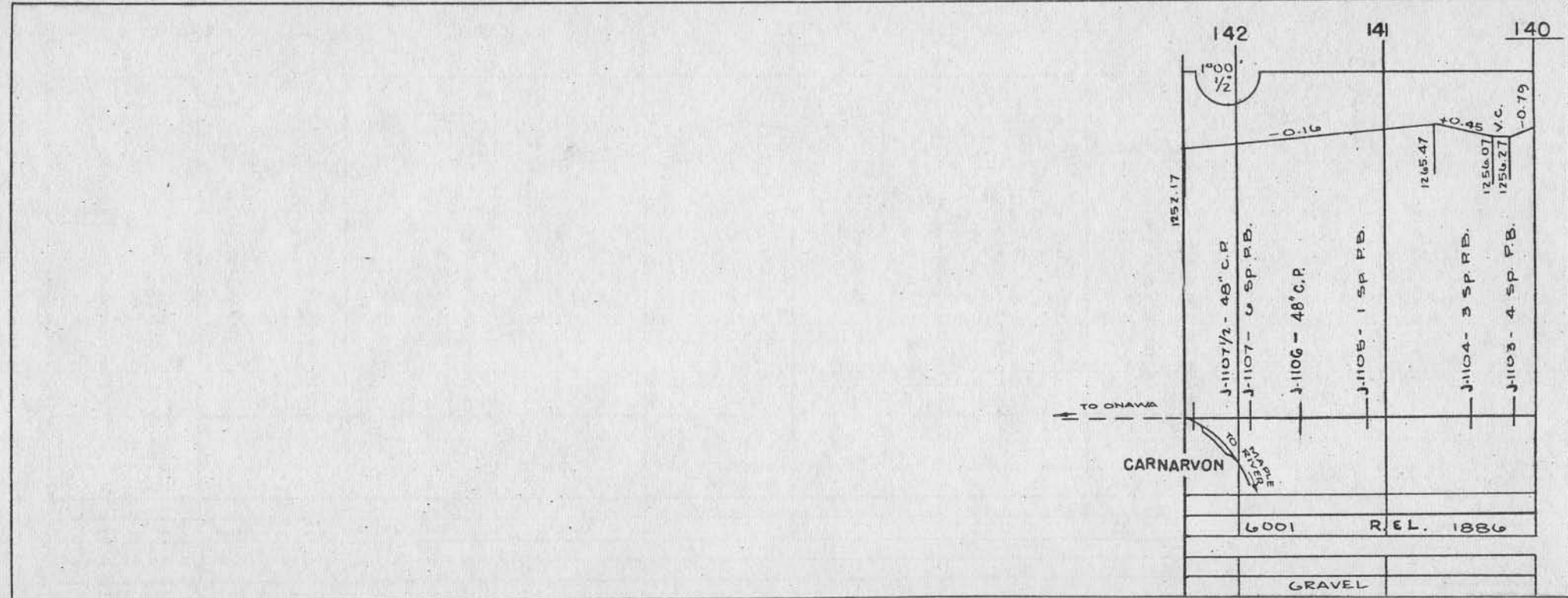
MP 1.37 RAILS CALIFORNIA 1939

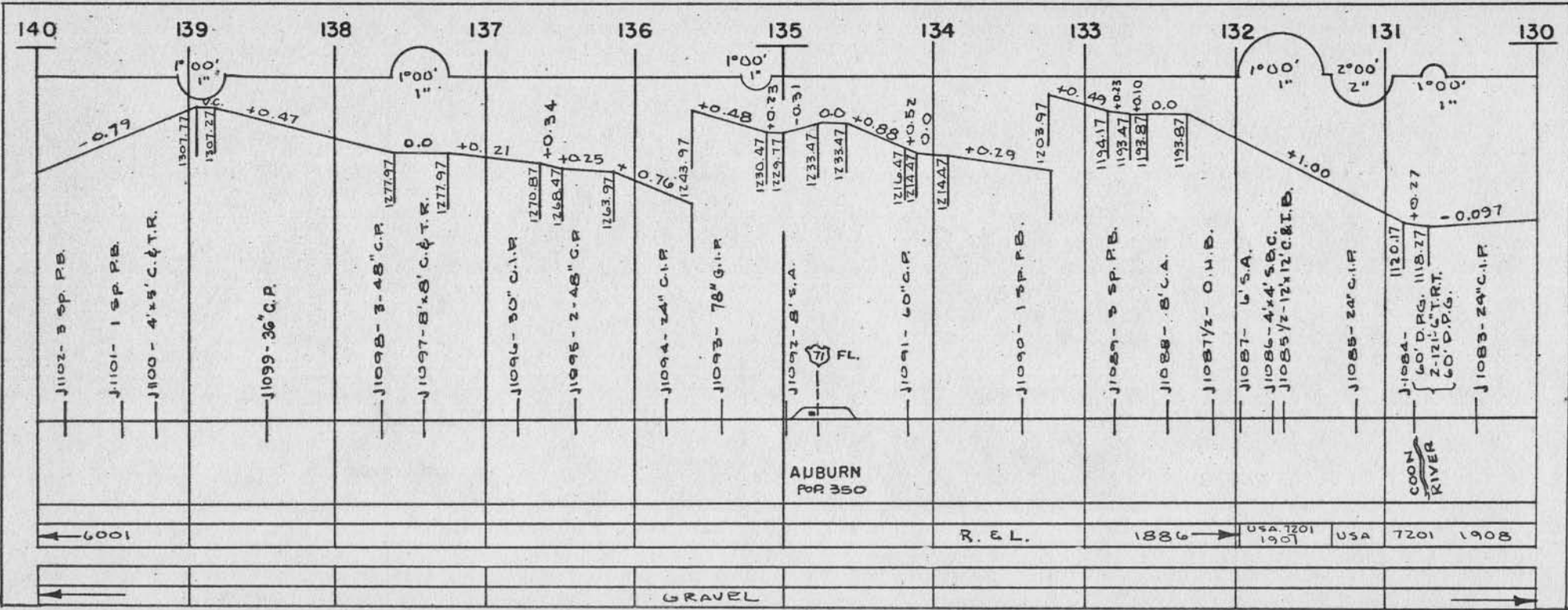
SACTON
Y.

TO
CARNARVON

ON
ONAWA

	USA. 7250	L. 1939	USA. 9040-L.'37	USA. 10035-L.'36	CUT 72#-L.'23	USA. 9040-L.'35
			USA. 72#-L.'37	USA. 7035-L.'37	USA. 72#-L.'37	
GRAVEL	1939		GRAVEL 1937	GRAVEL 1936	GRAVEL	GRAVEL 1935





6001

AUBURN
PR 350

R. & L.

1886

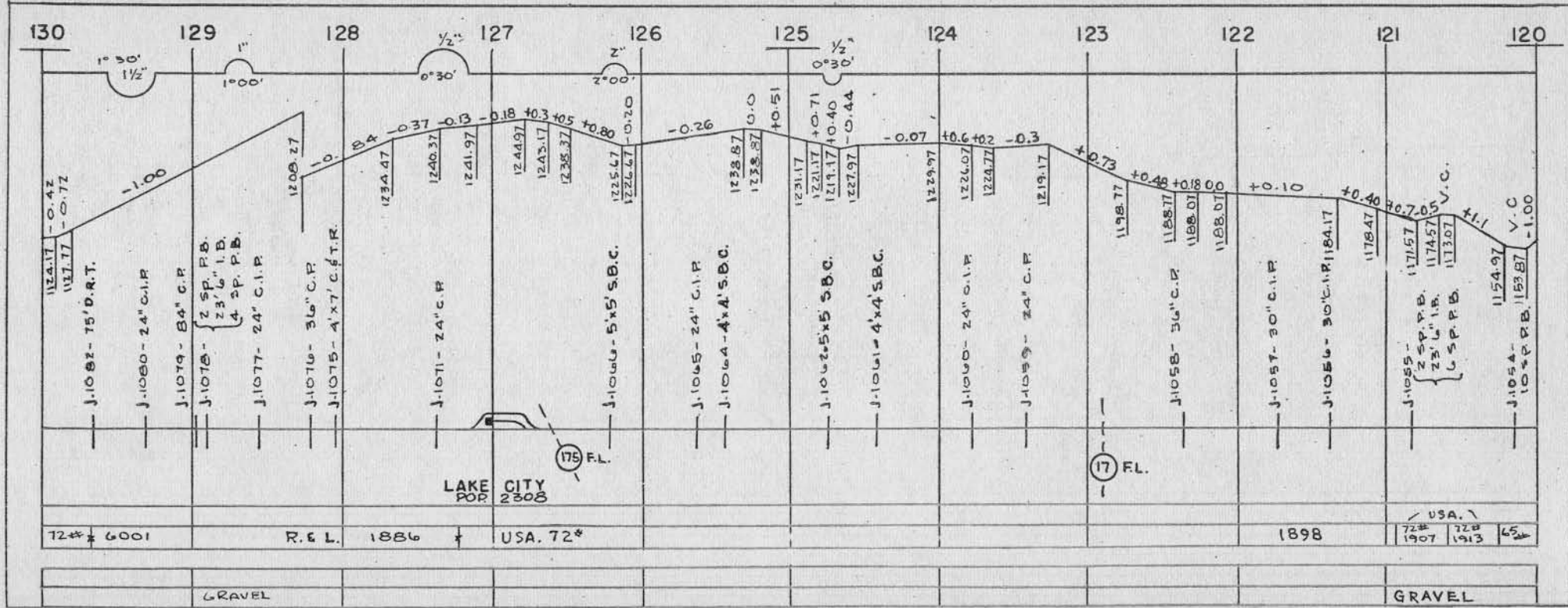
USA 7201
1907

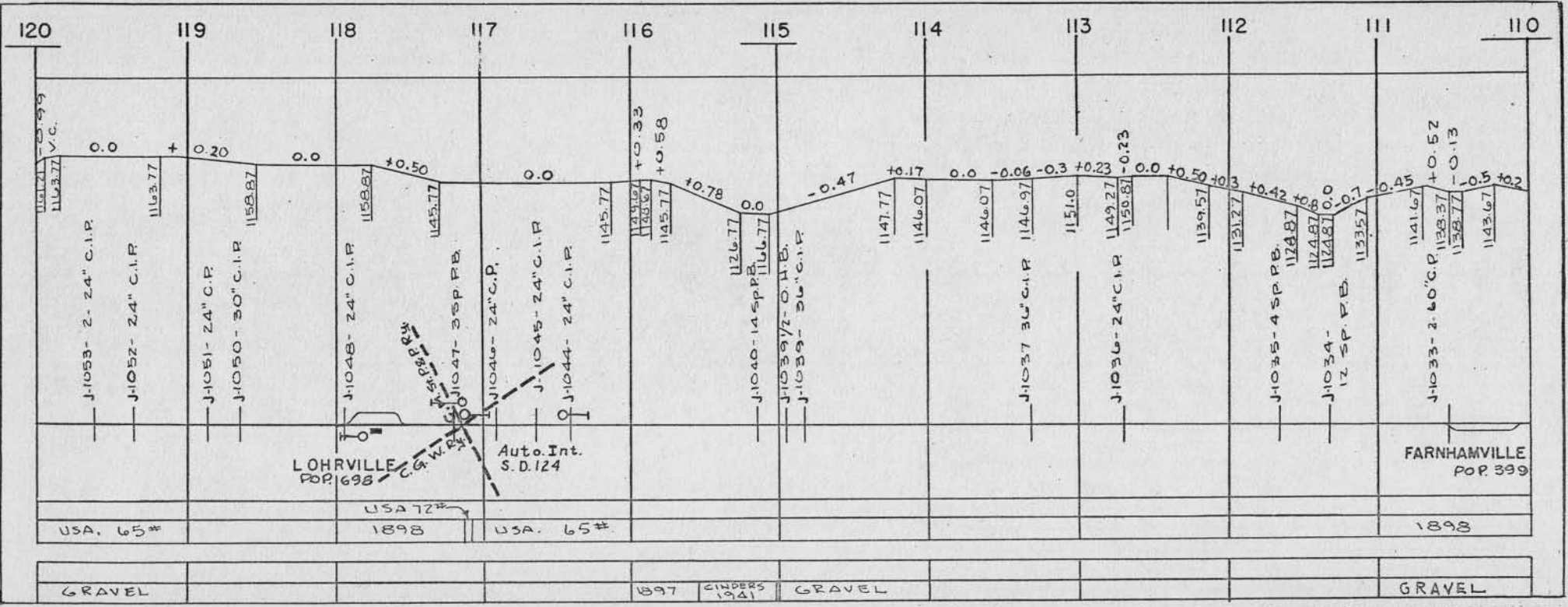
USA

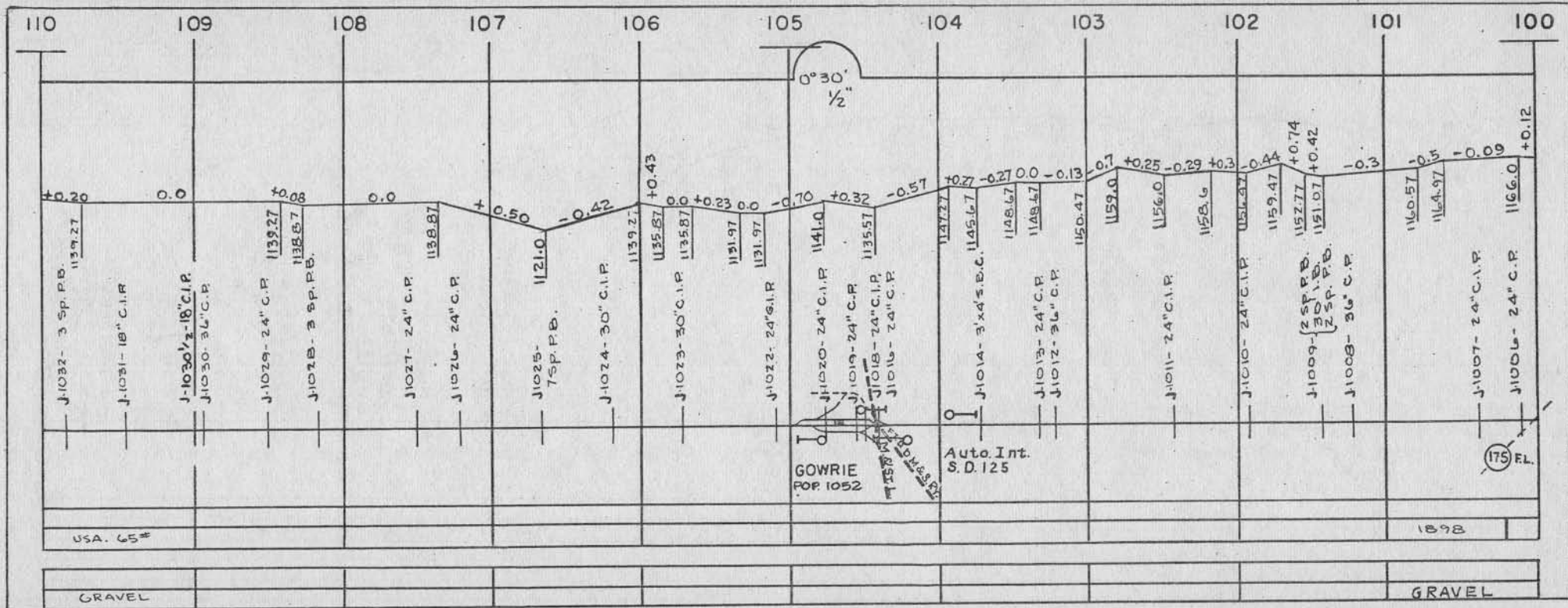
7201 1908

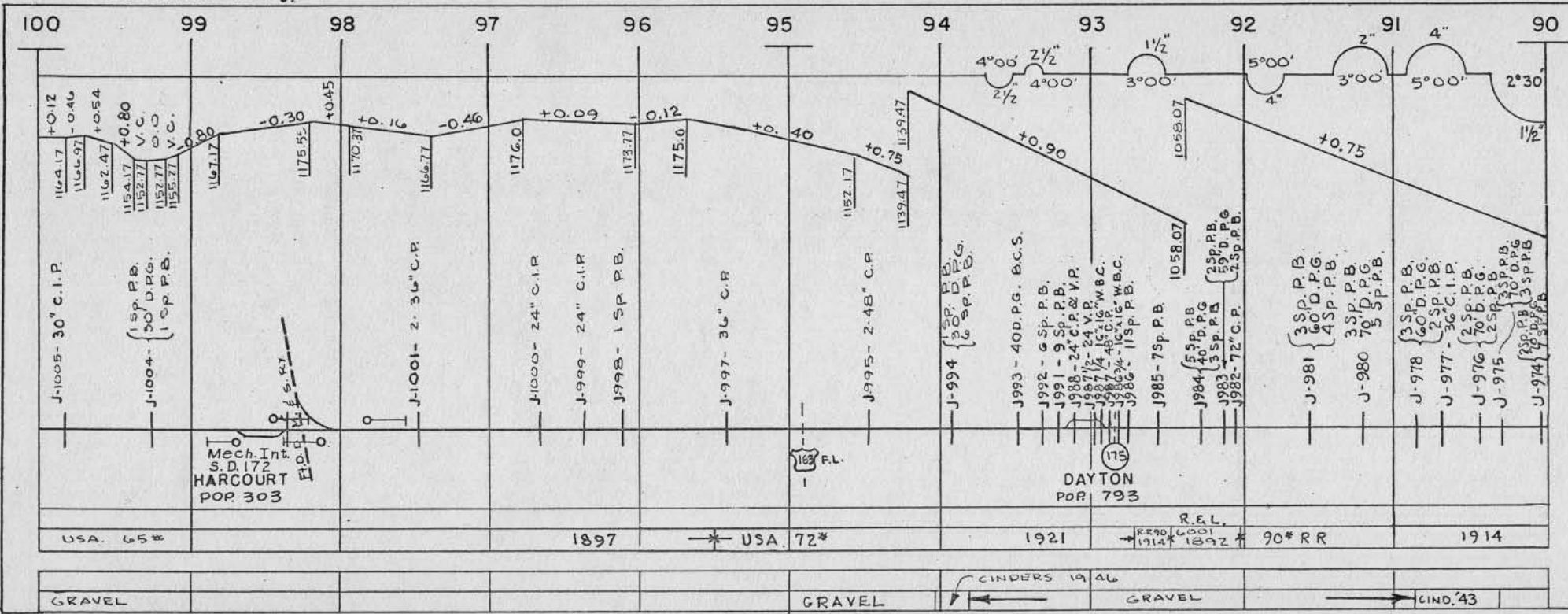
GRAVEL

COON
RIVER









Mech. Int.
S.D. 172
HARCOURT
POR 303

163 P.L.

DAYTON
POR 793

USA. 65#

1897

* USA. 72*

1921

R.E.L.
1914 1922

90* RR

1914

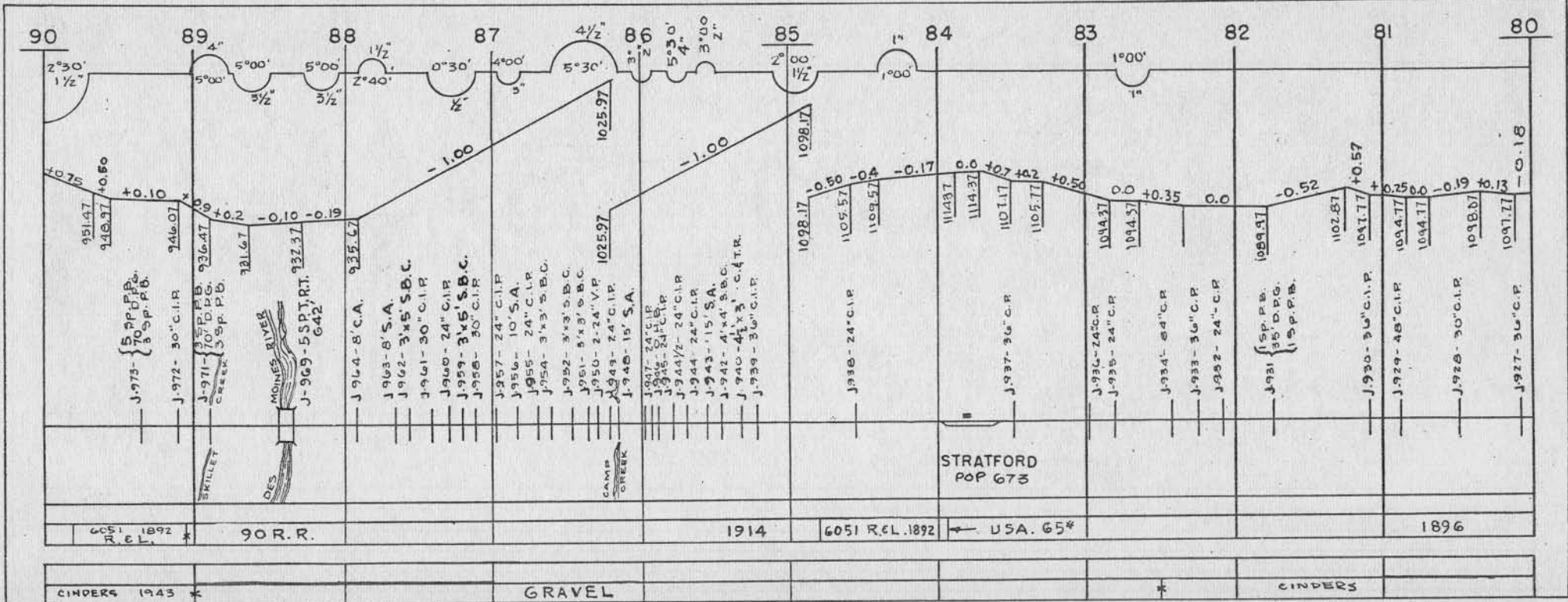
GRAVEL

GRAVEL

CINDERS 19 46

GRAVEL

CIND. 43



6051 R.E.L. 1892 *

90 R.R.

1914

6051 R.E.L. 1892

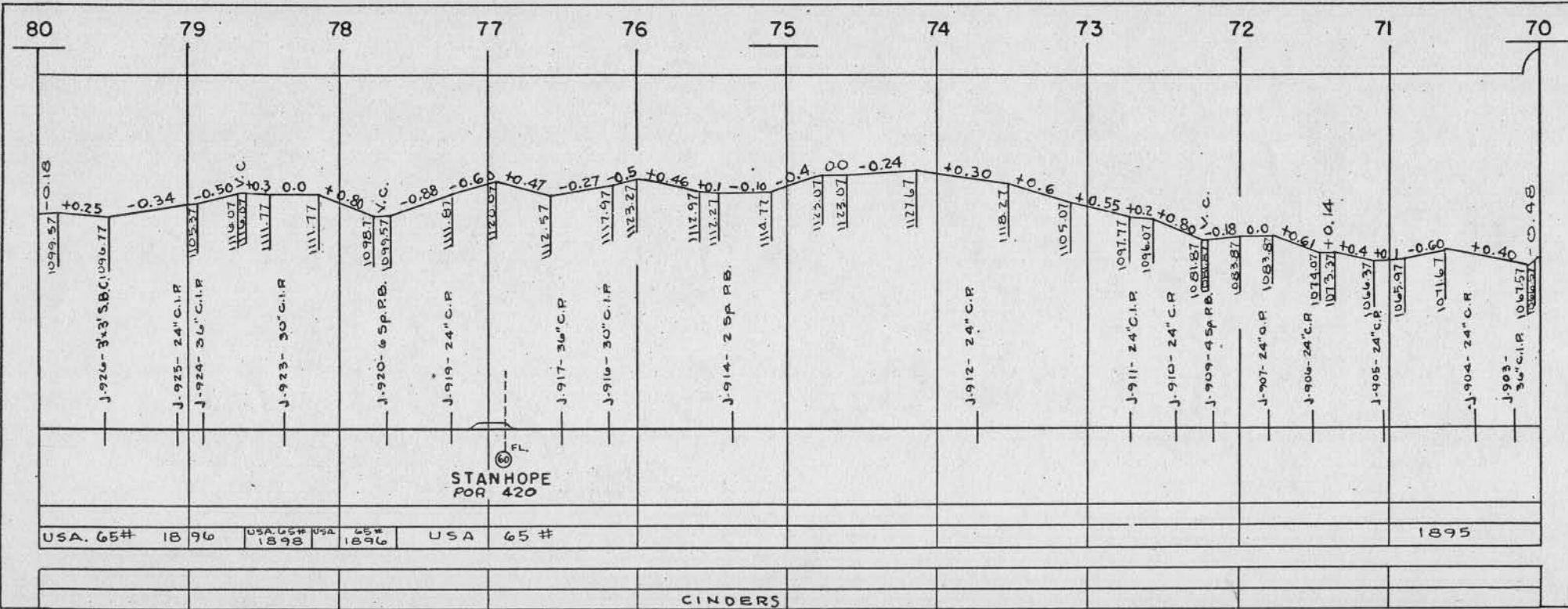
← USA. 65*

1896

CINDERS 1943 *

GRAVEL

CINDERS



STANHOPE
FOR 420

CINDERS

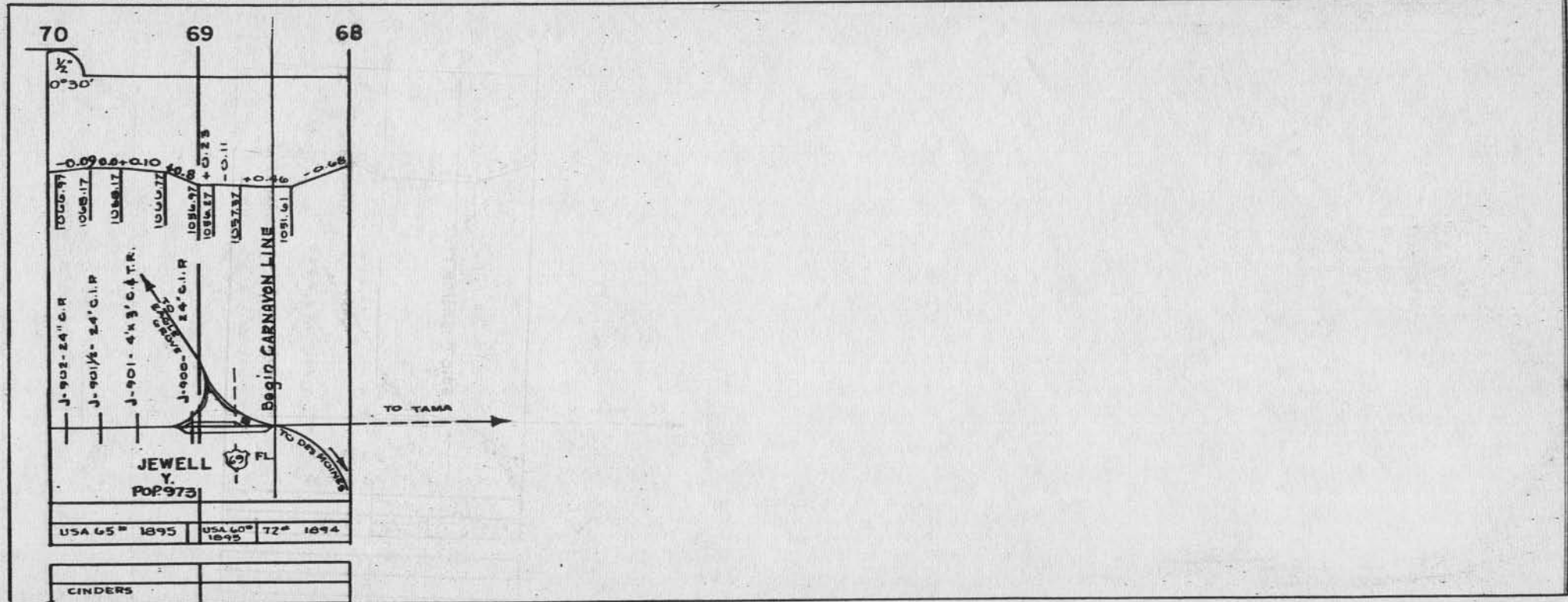
USA. 65# 18 96 USA. 65# 18 98 USA. 65# 18 96 USA 65#

1895

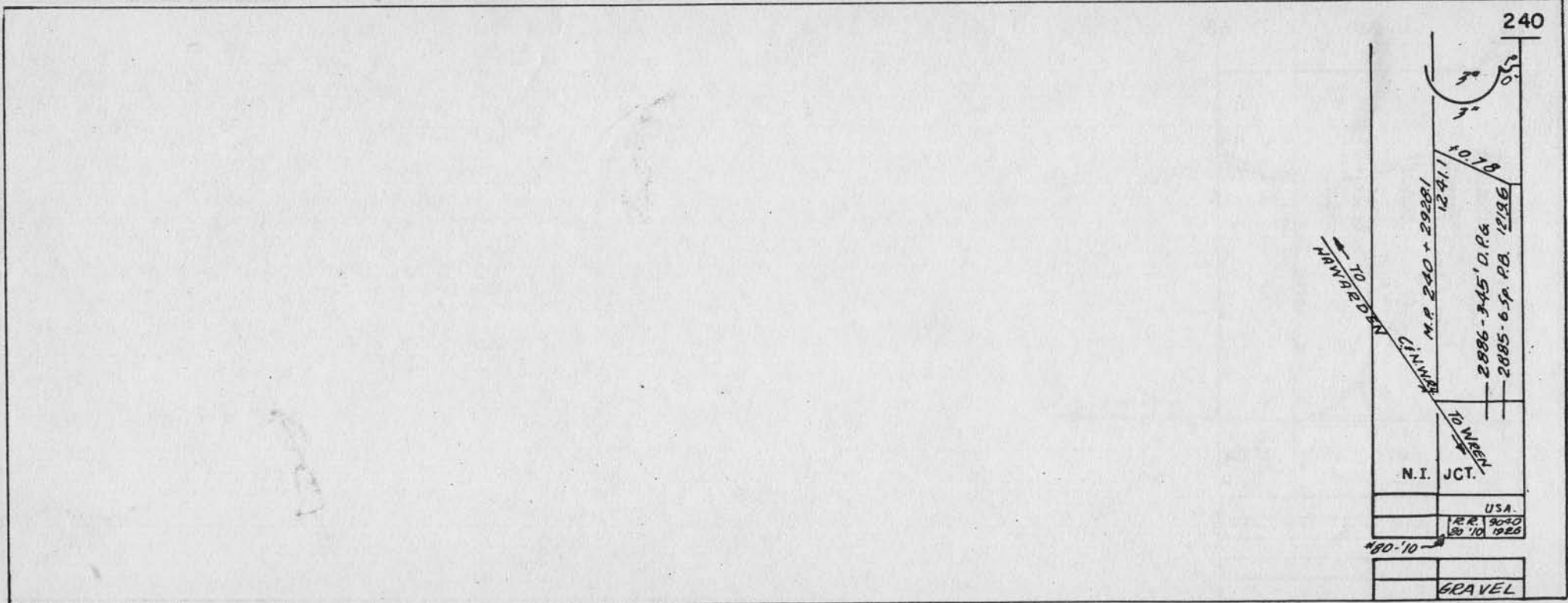
← TO CARNAVON

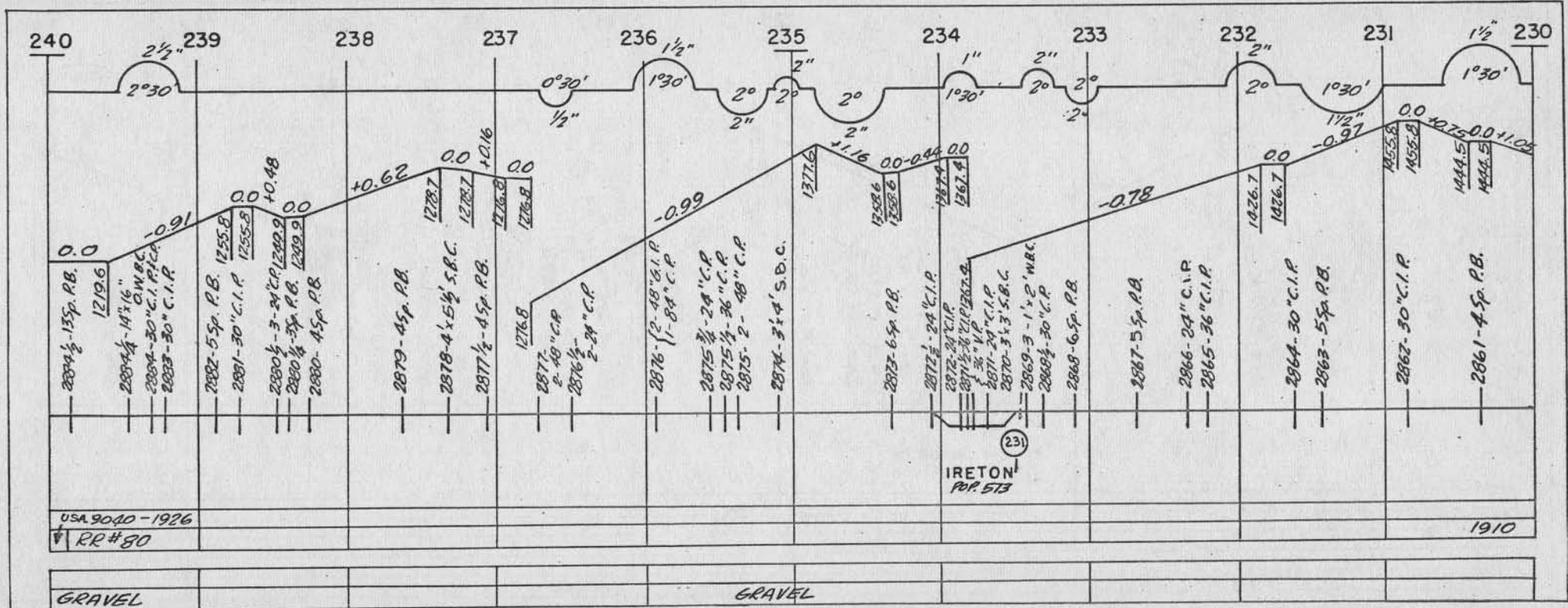
JEWELL

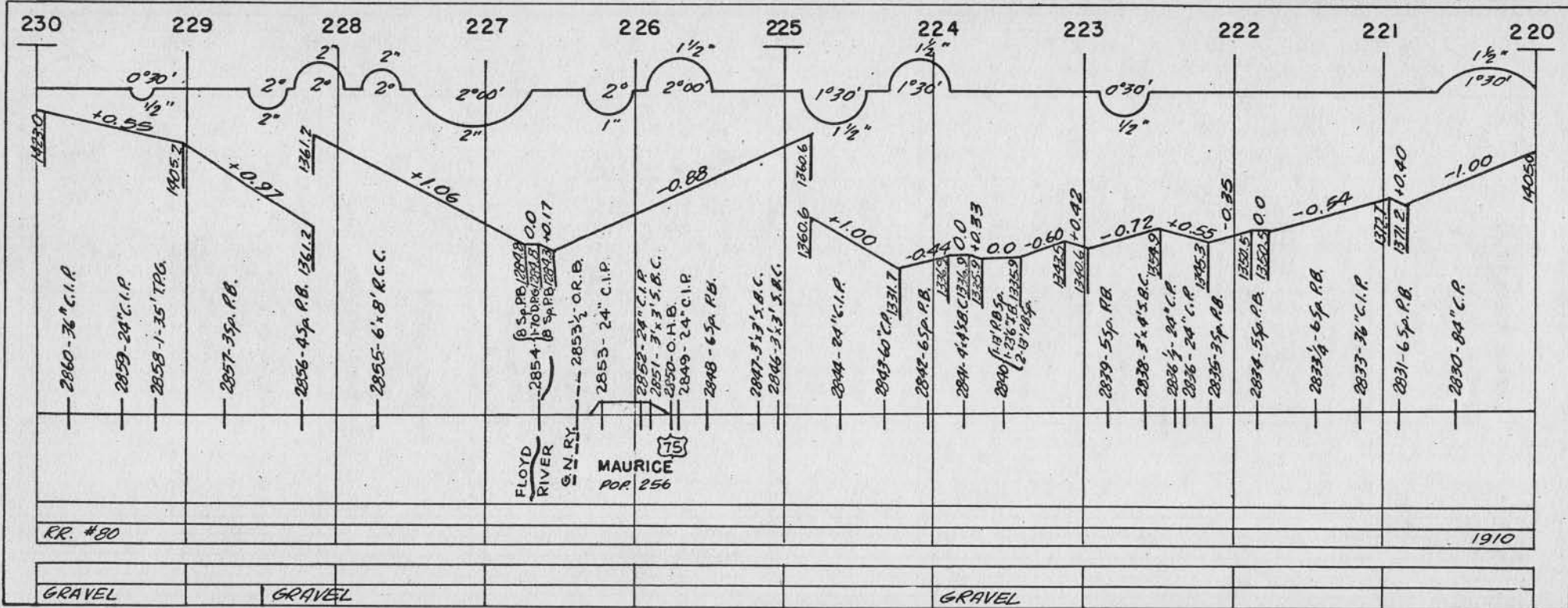
69

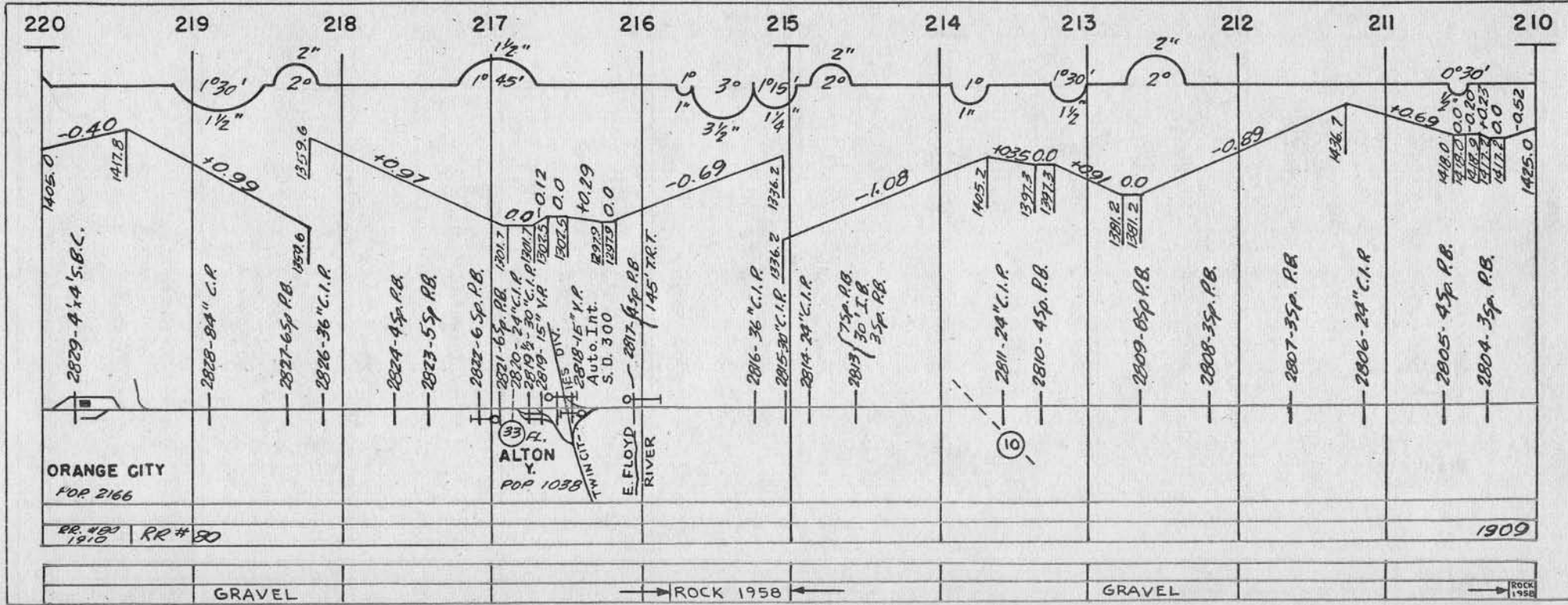


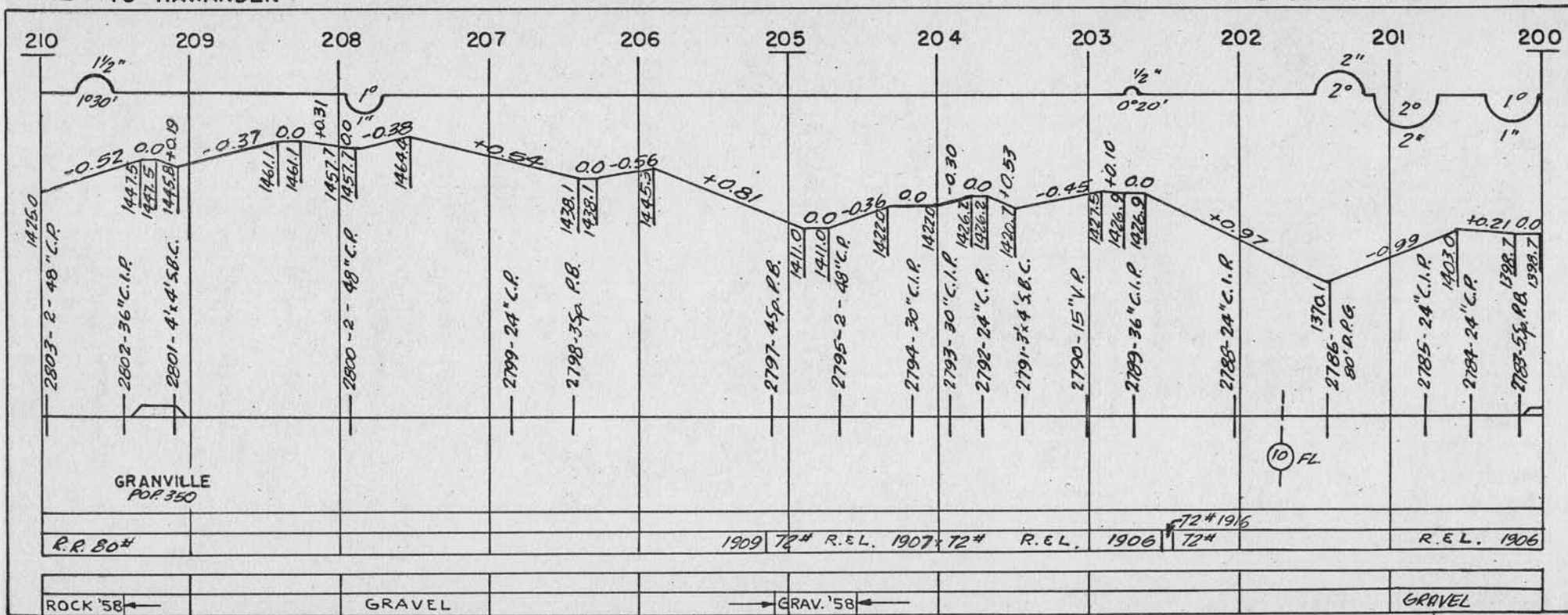
THIS SHEET LAST REVISED JULY 1, 1959

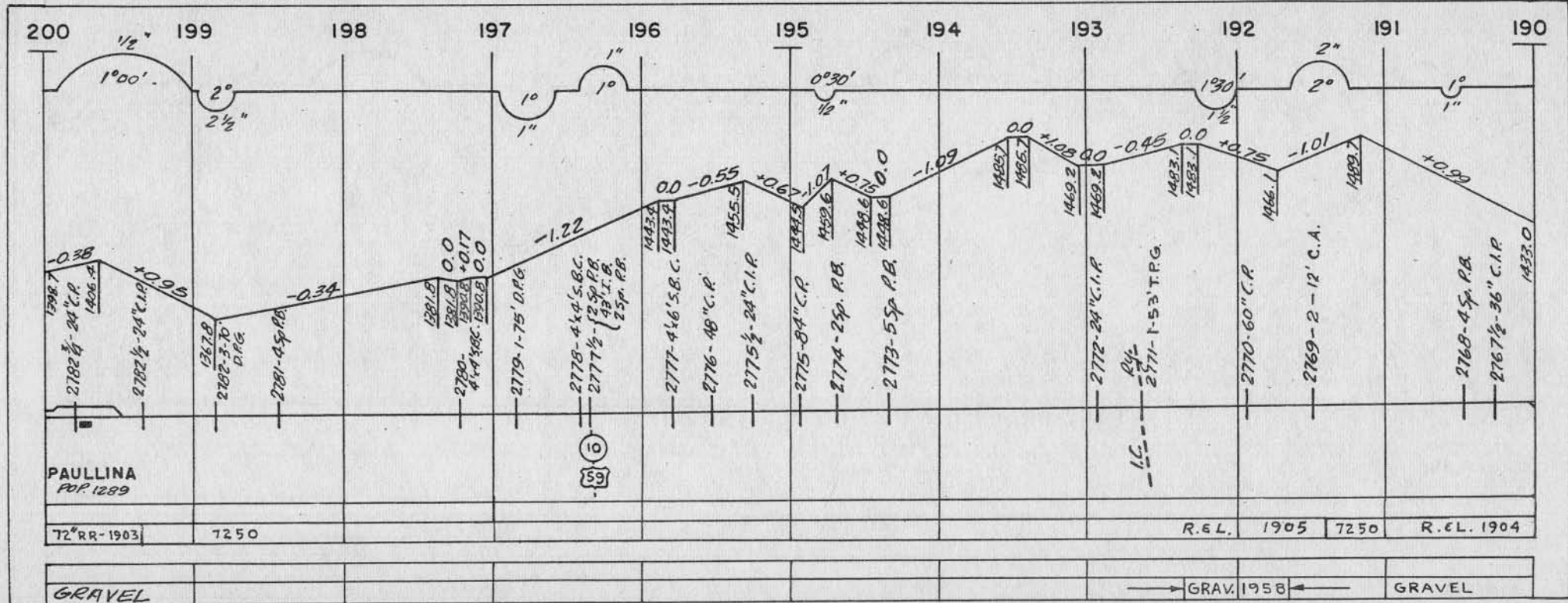


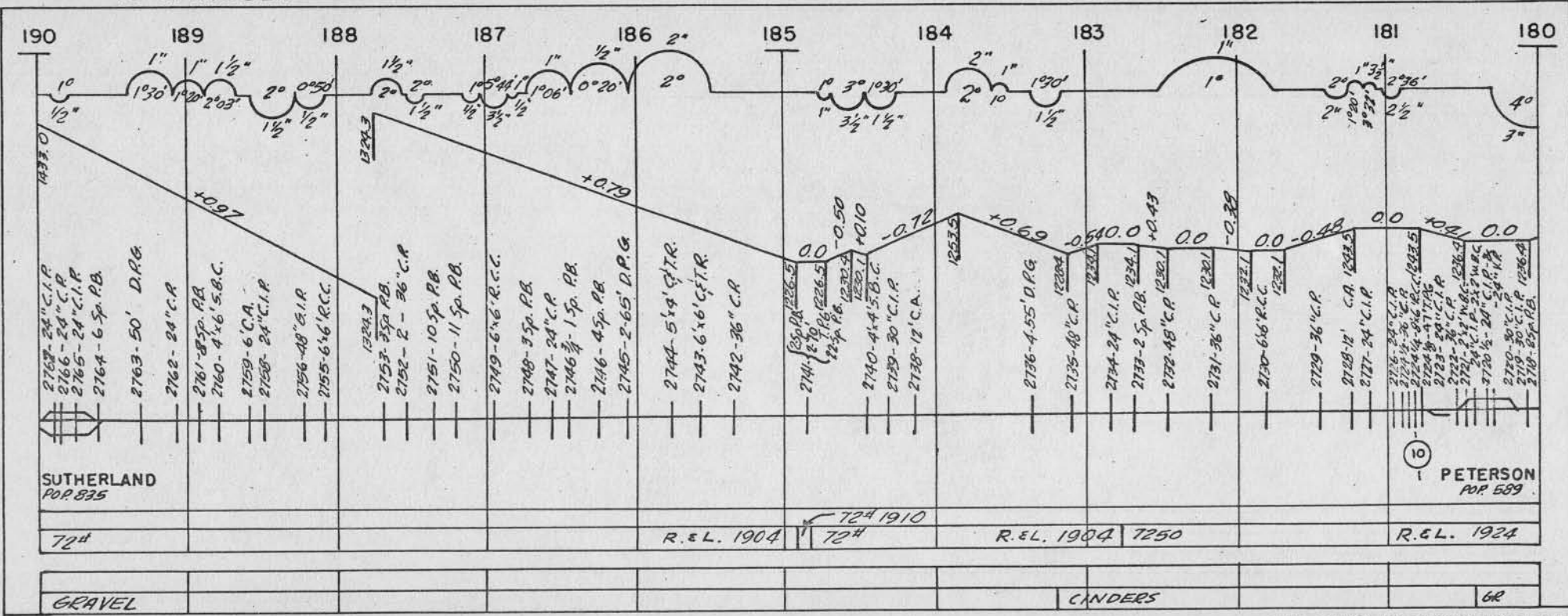












SUTHERLAND
POP. 835

PETERSON
POP. 589

72^d

72^d 1910
72^d

R. & L. 1904

R. & L. 1904

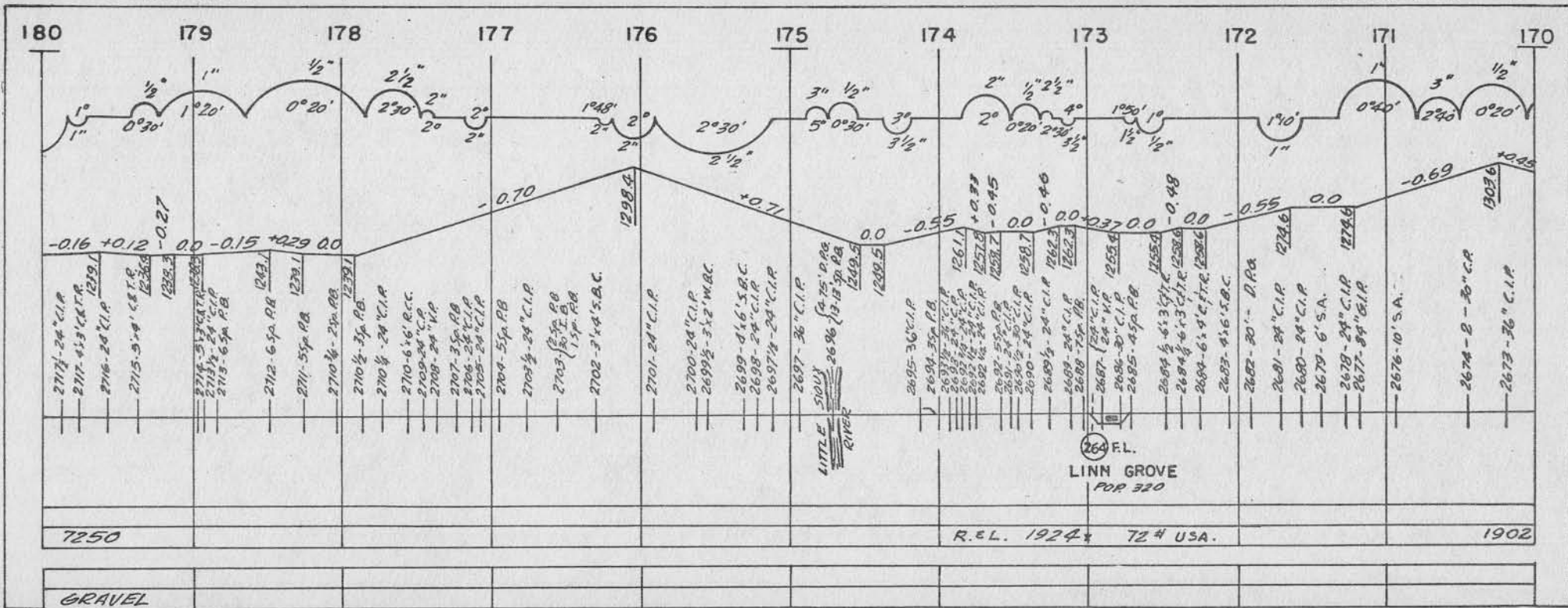
7250

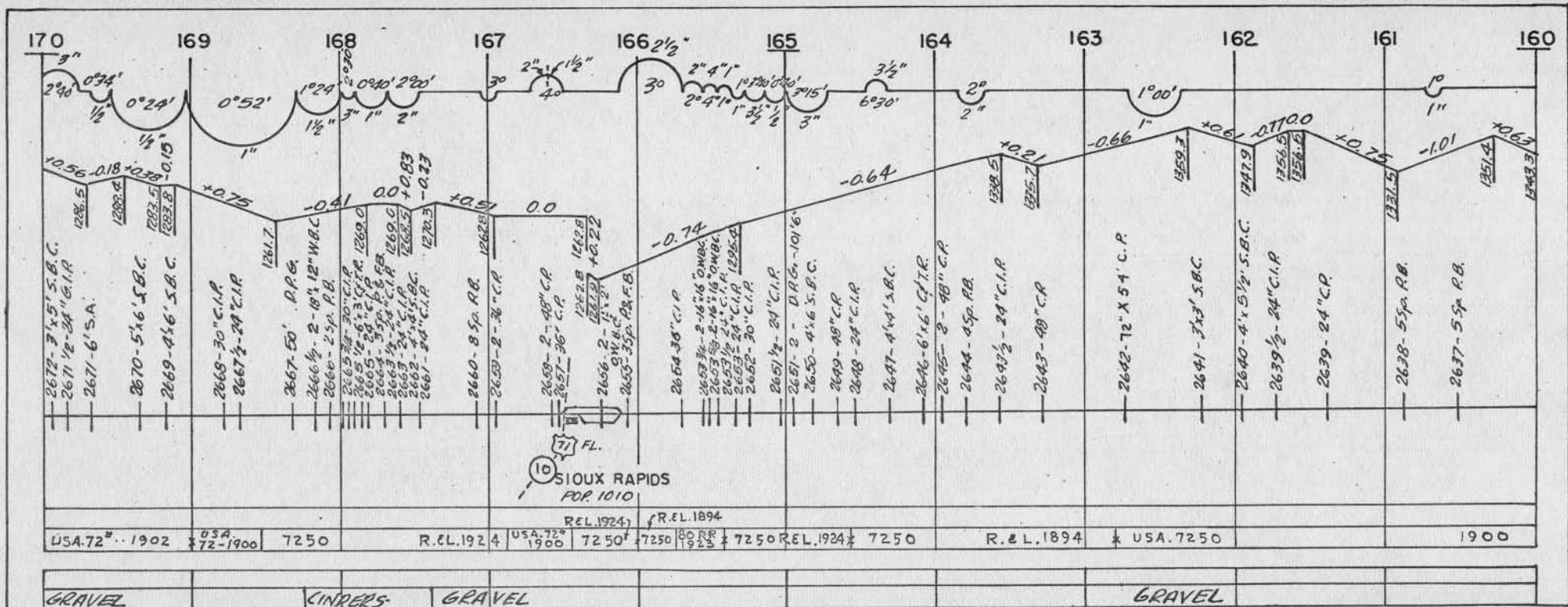
R. & L. 1924

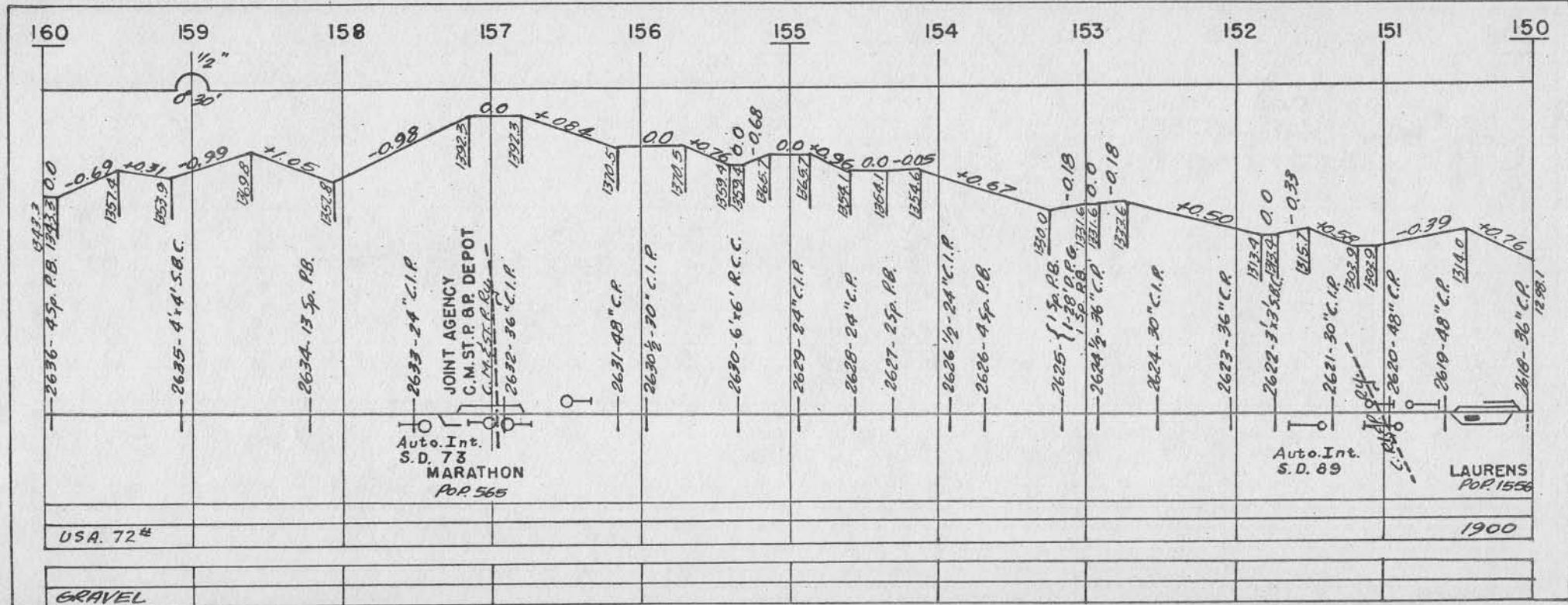
GRAVEL

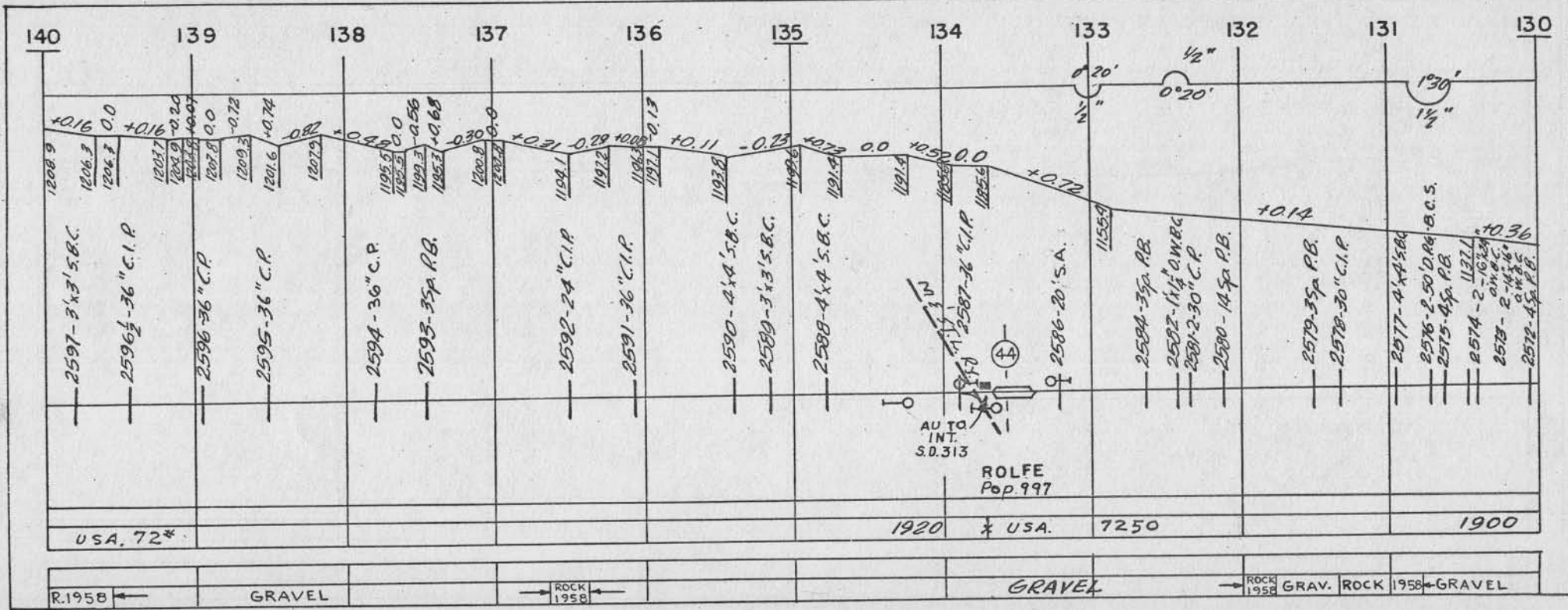
CINDERS

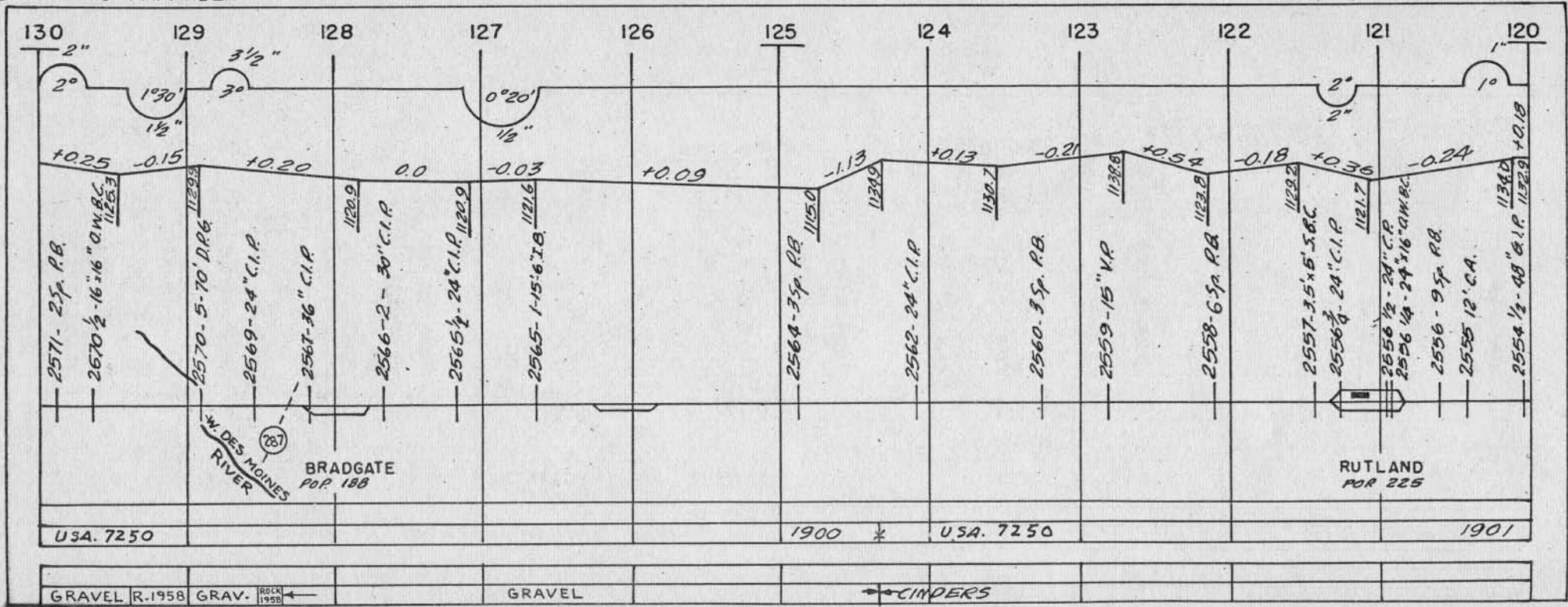
GR











W. DES MOINES RIVER
 (287)
 BRADGATE
 POP 188

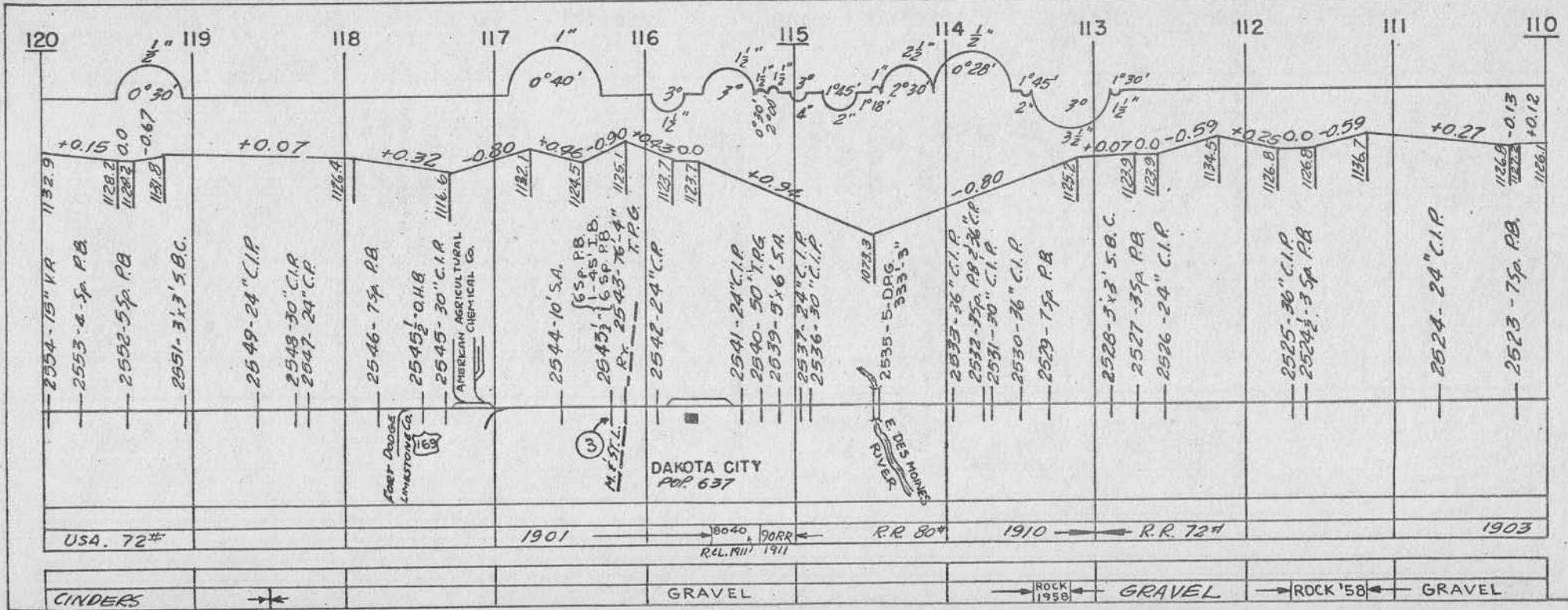
RUTLAND
 POP 225

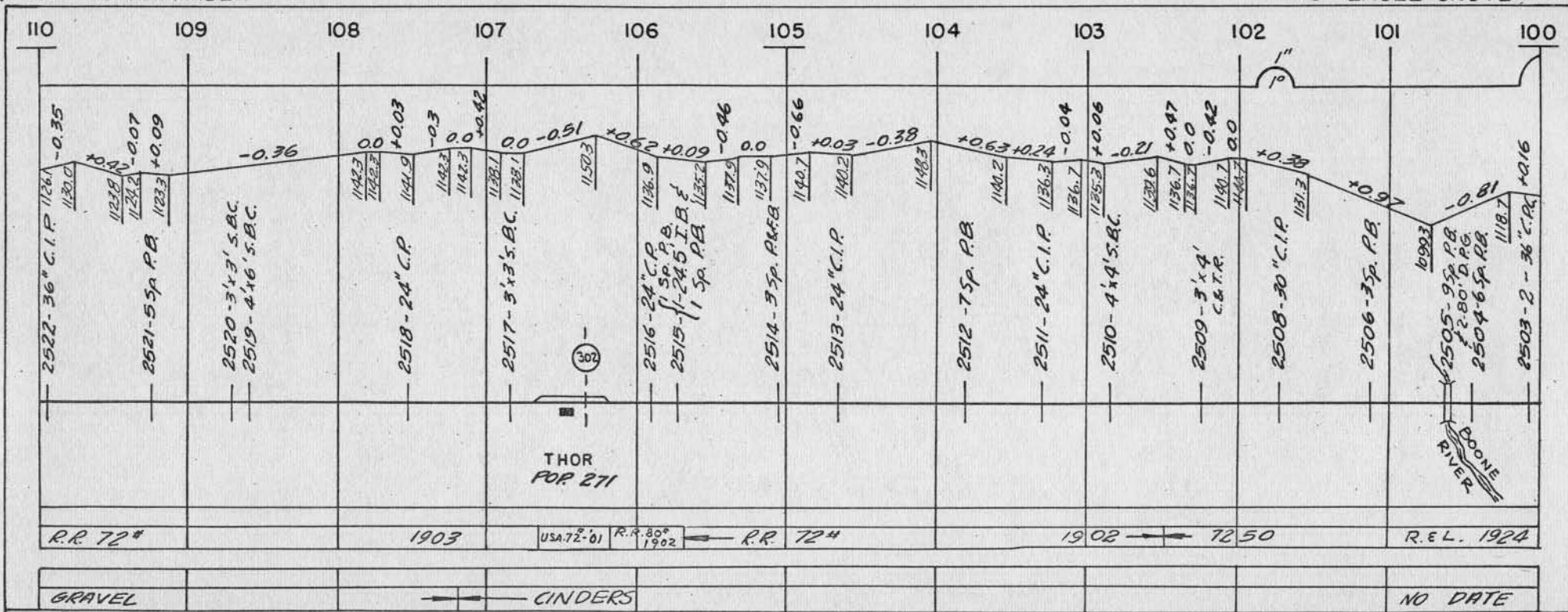
USA. 7250

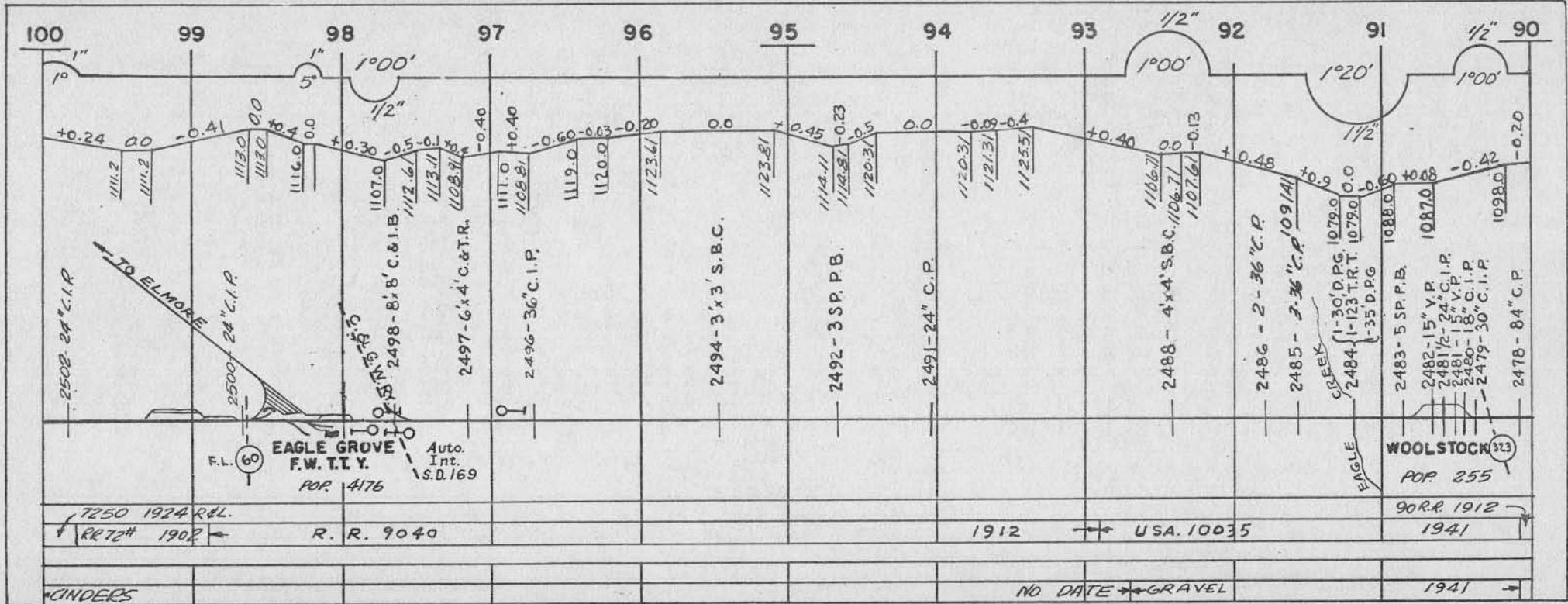
1900 *

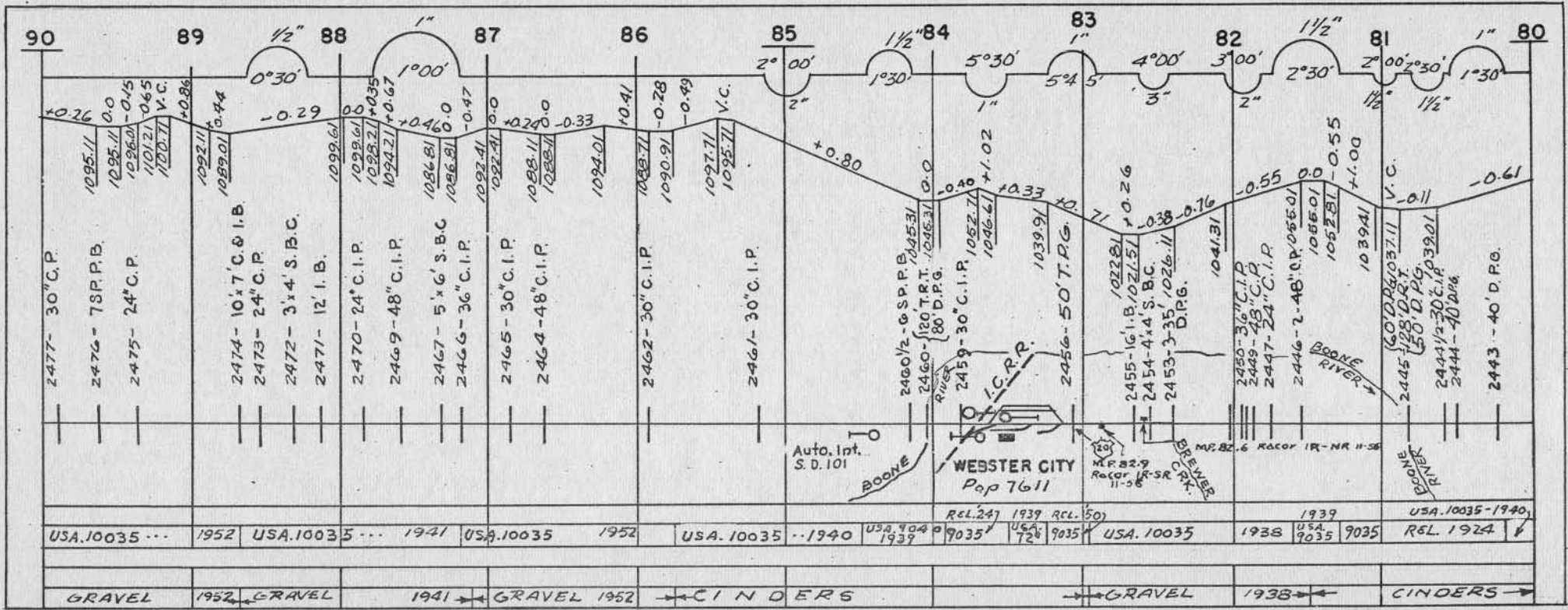
USA. 7250

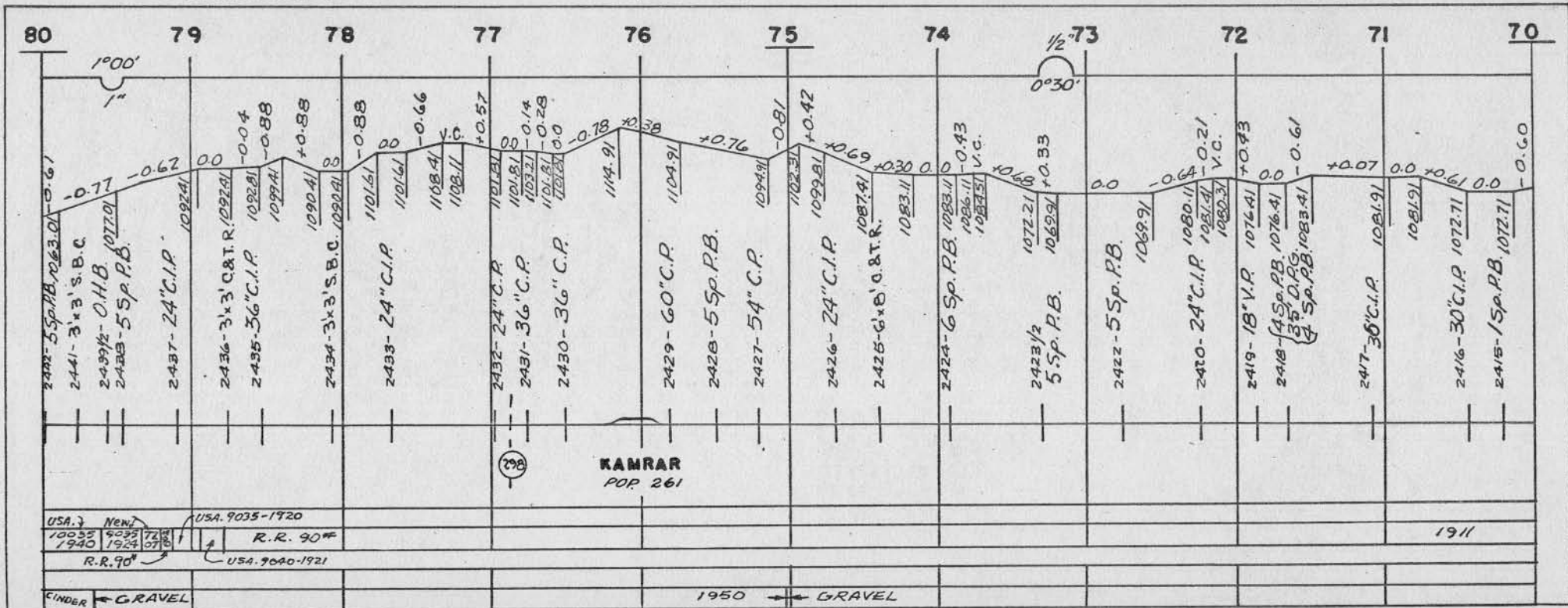
1901









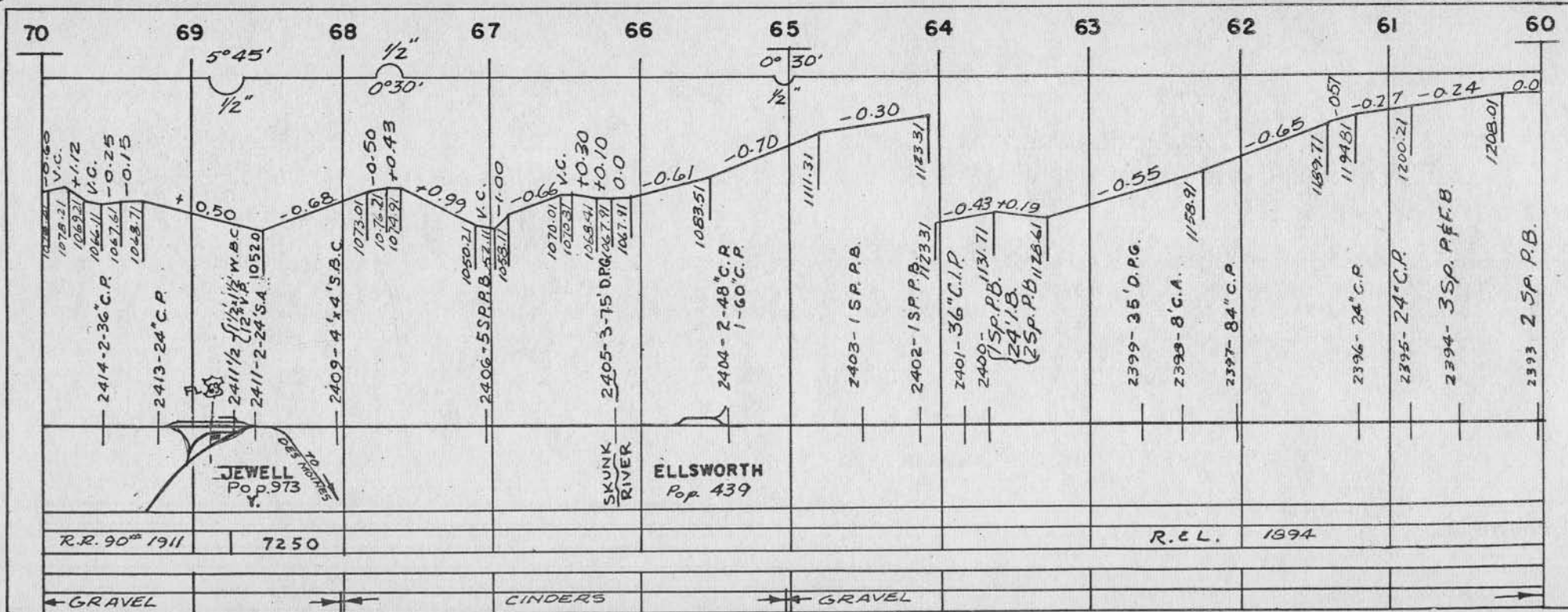


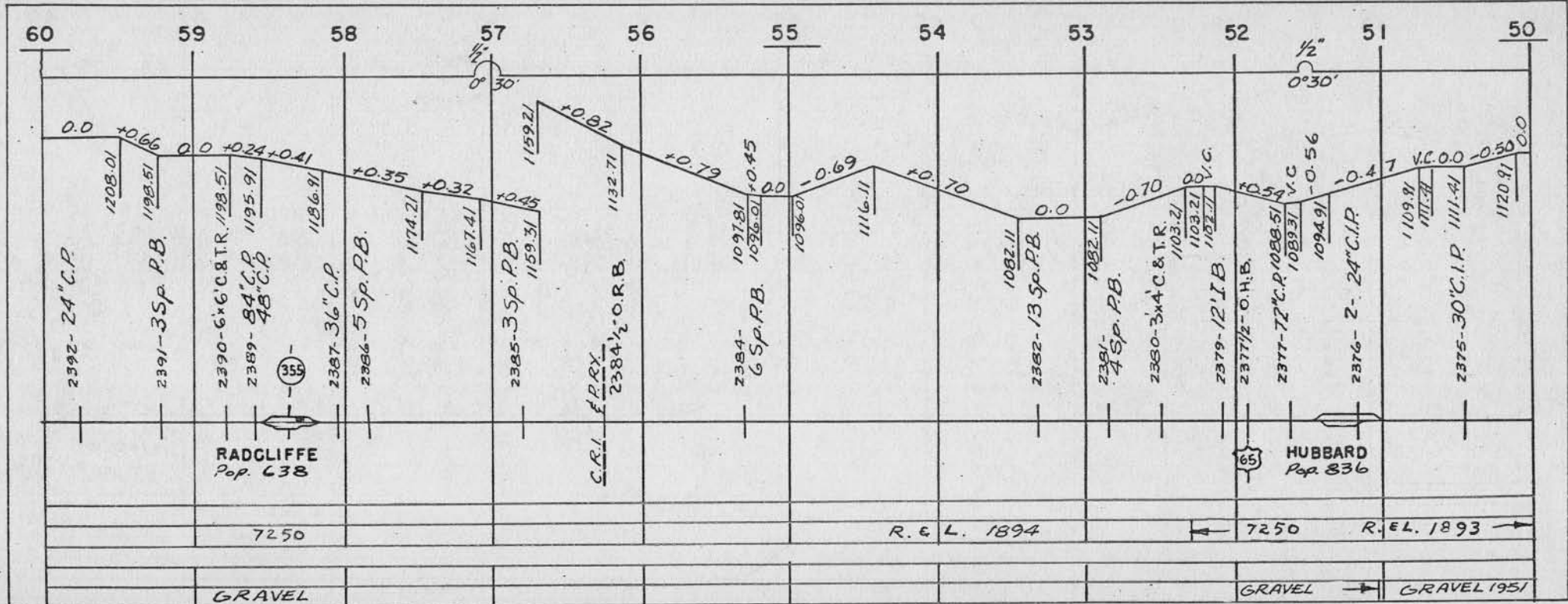
USA. 9035-1920
 USA. 9040-1921
 R.R. 90*

KAMRAR
 POP 261

CINDER ← GRAVEL

1950 ← GRAVEL





RADCLIFFE
Pop. 638

C.R.I. F.P.R.Y.
2384 1/2 O.R.B.

HUBBARD
Pop. 836

7250

R. & L. 1894

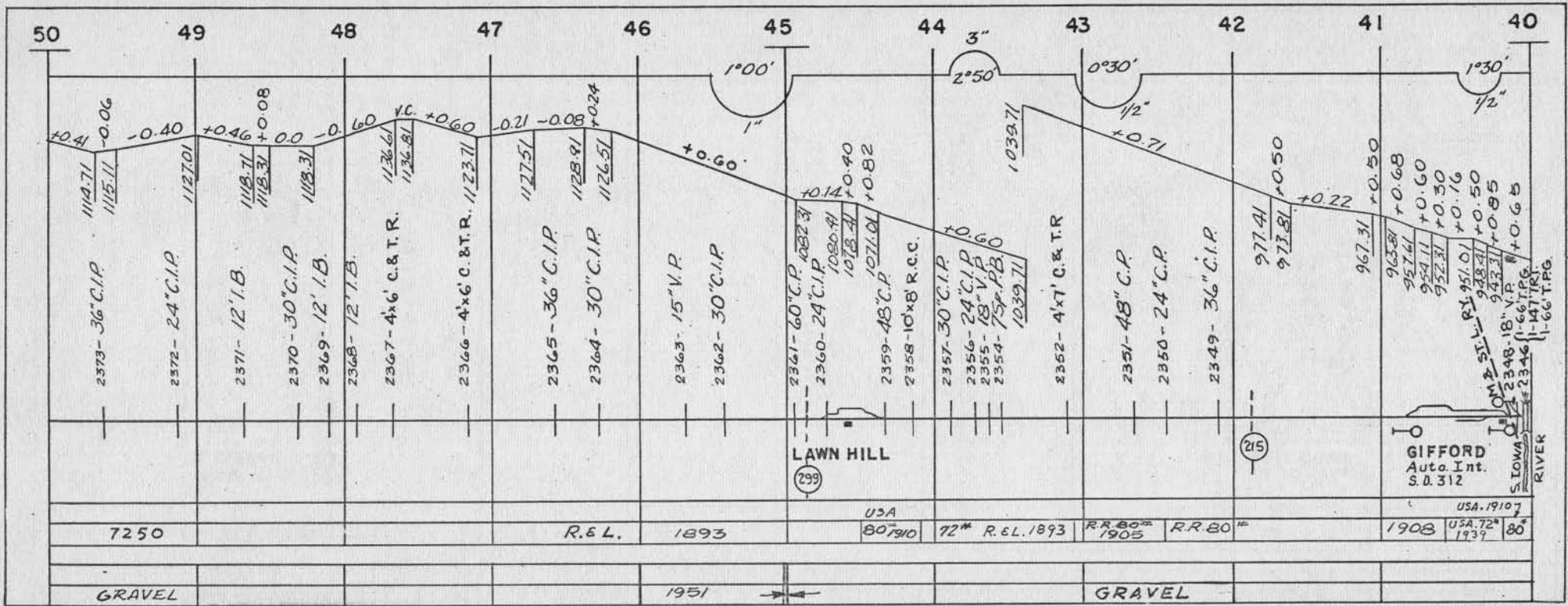
7250

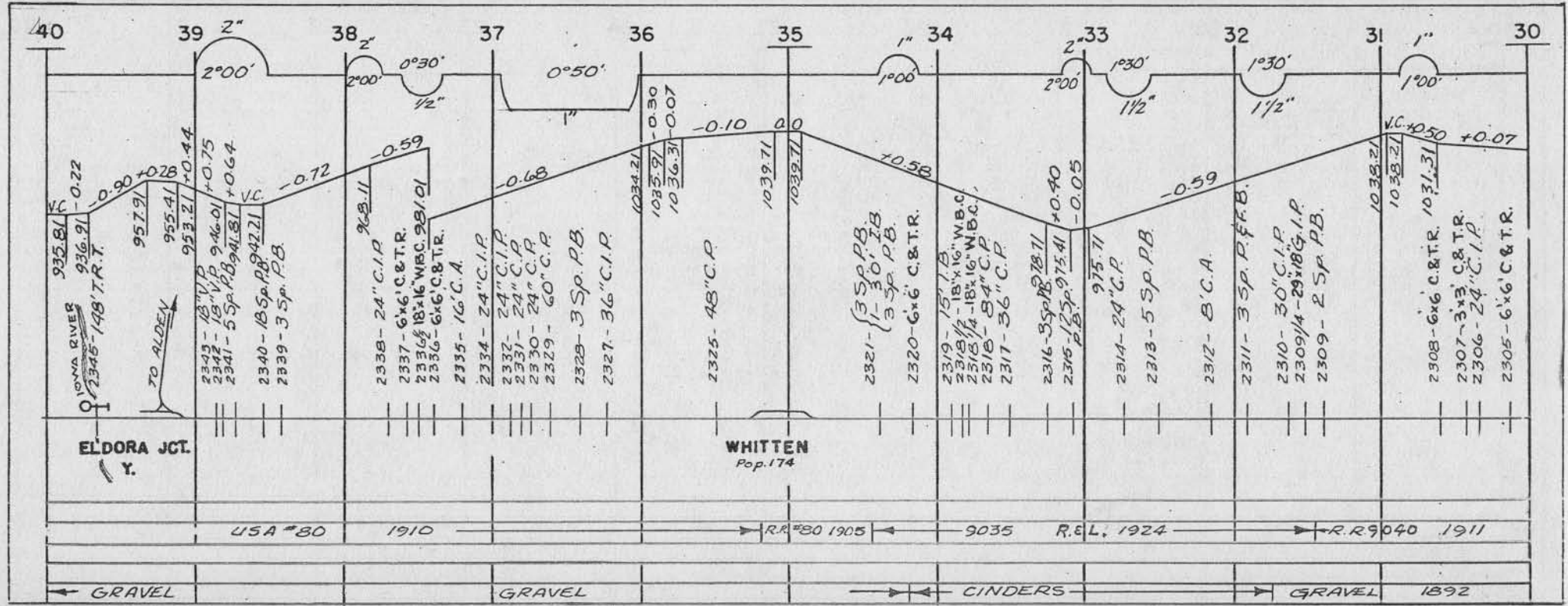
R. & L. 1893

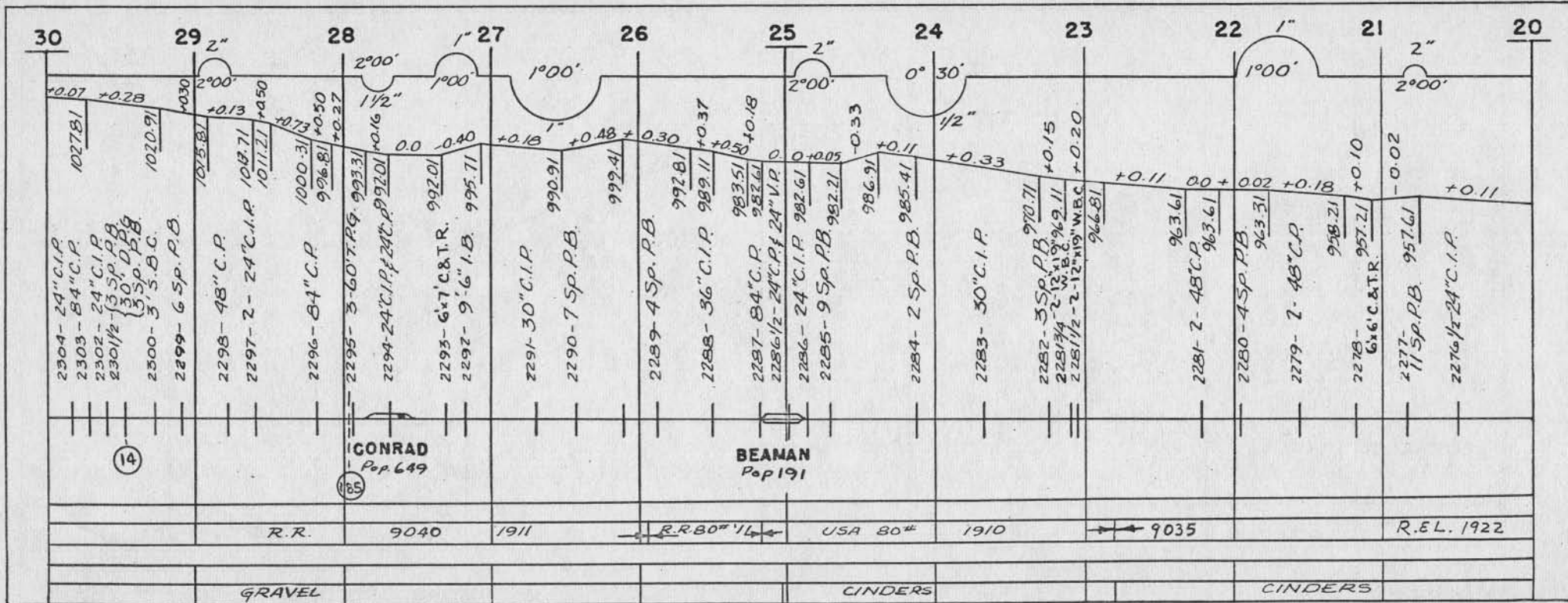
GRAVEL

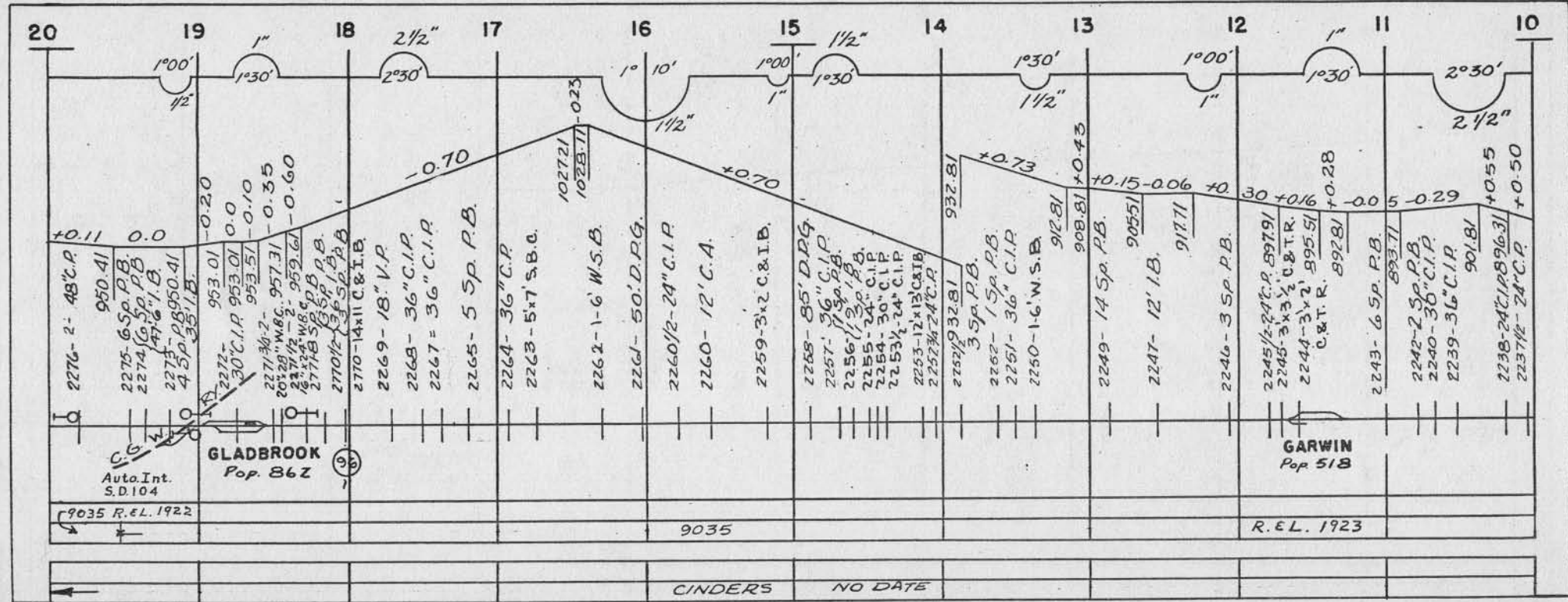
GRAVEL

GRAVEL 1951









Auto. Int.
S.D.104

GLADBROOK
Pop. 862

GARWIN
Pop. 518

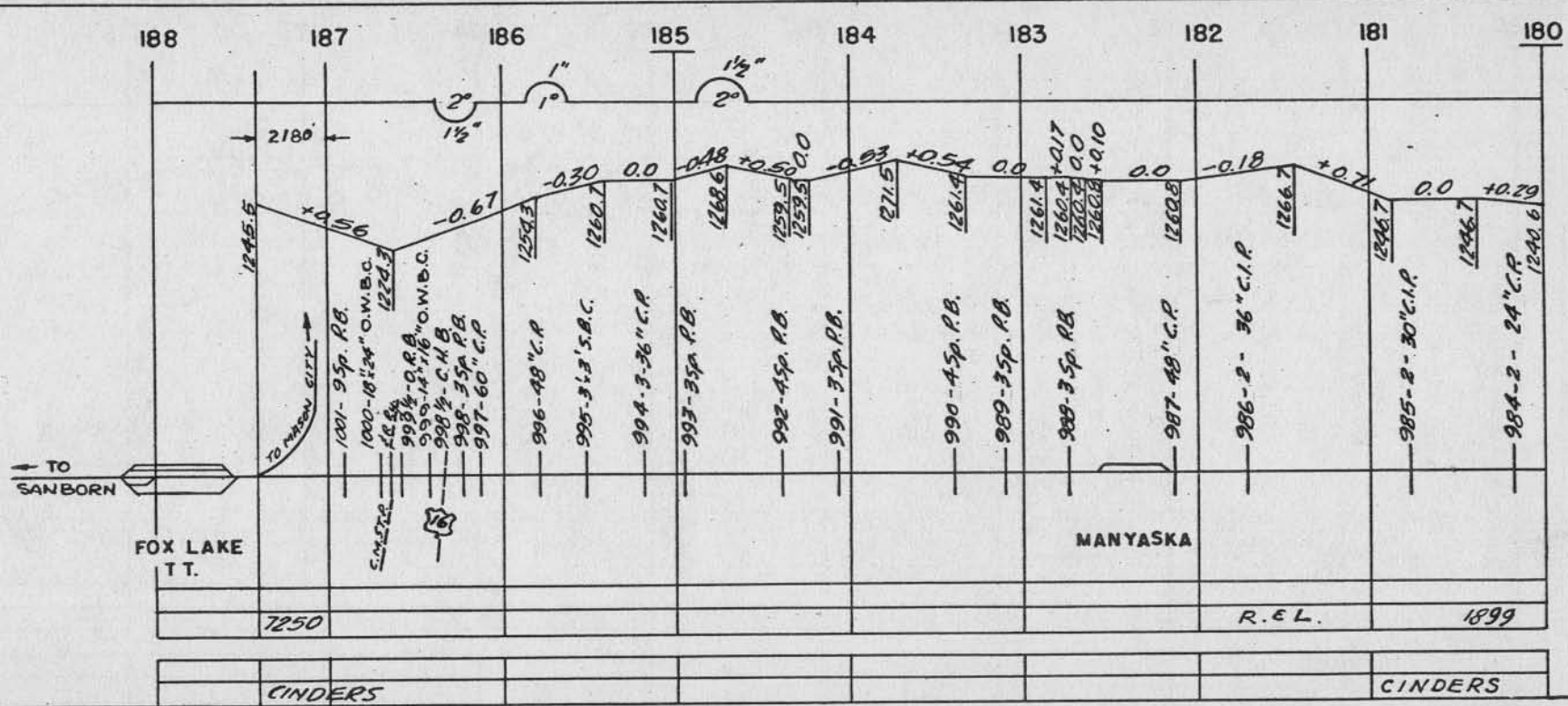
9035 R.E.L. 1922

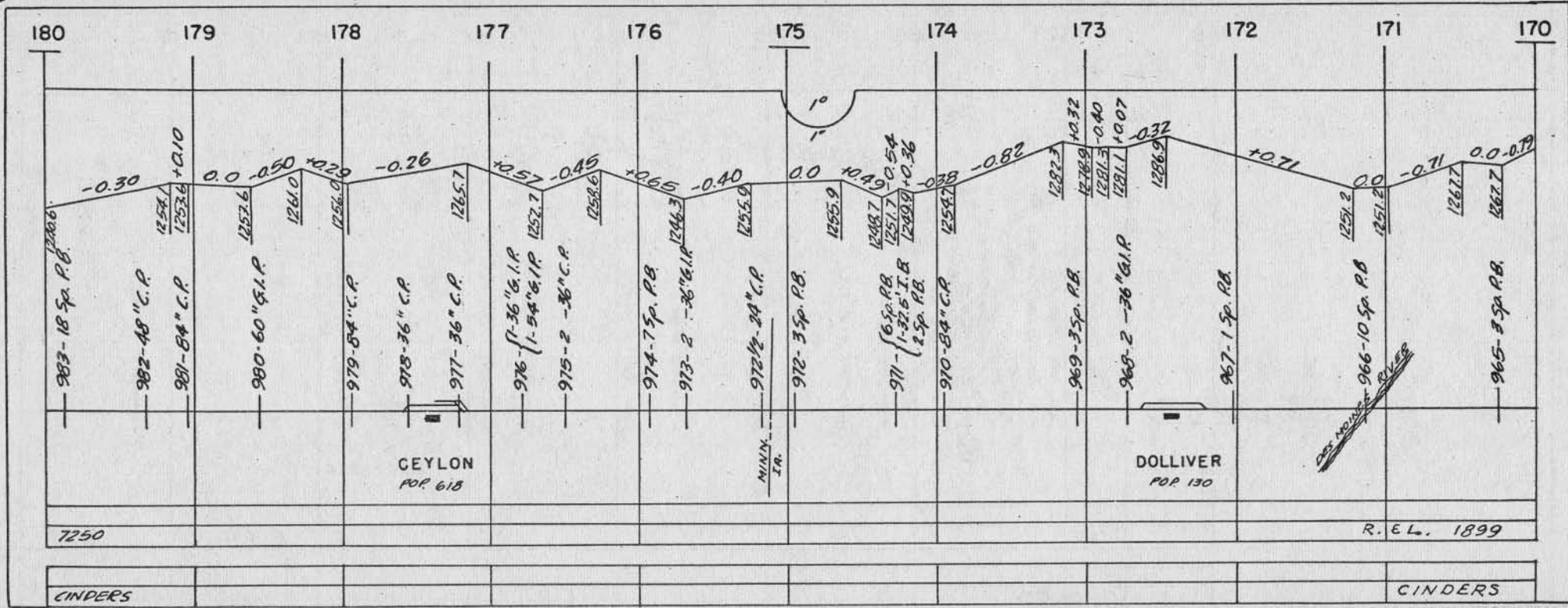
9035

R.E.L. 1923

CINDERS

NO DATE



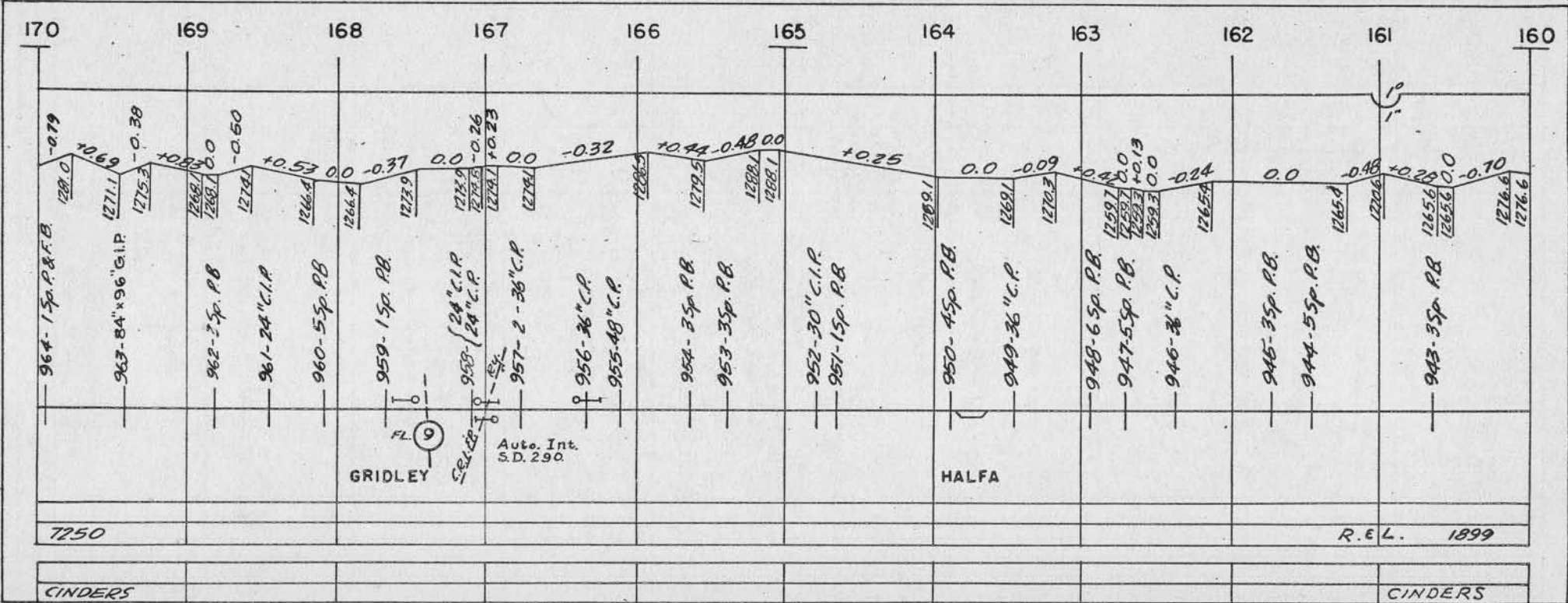


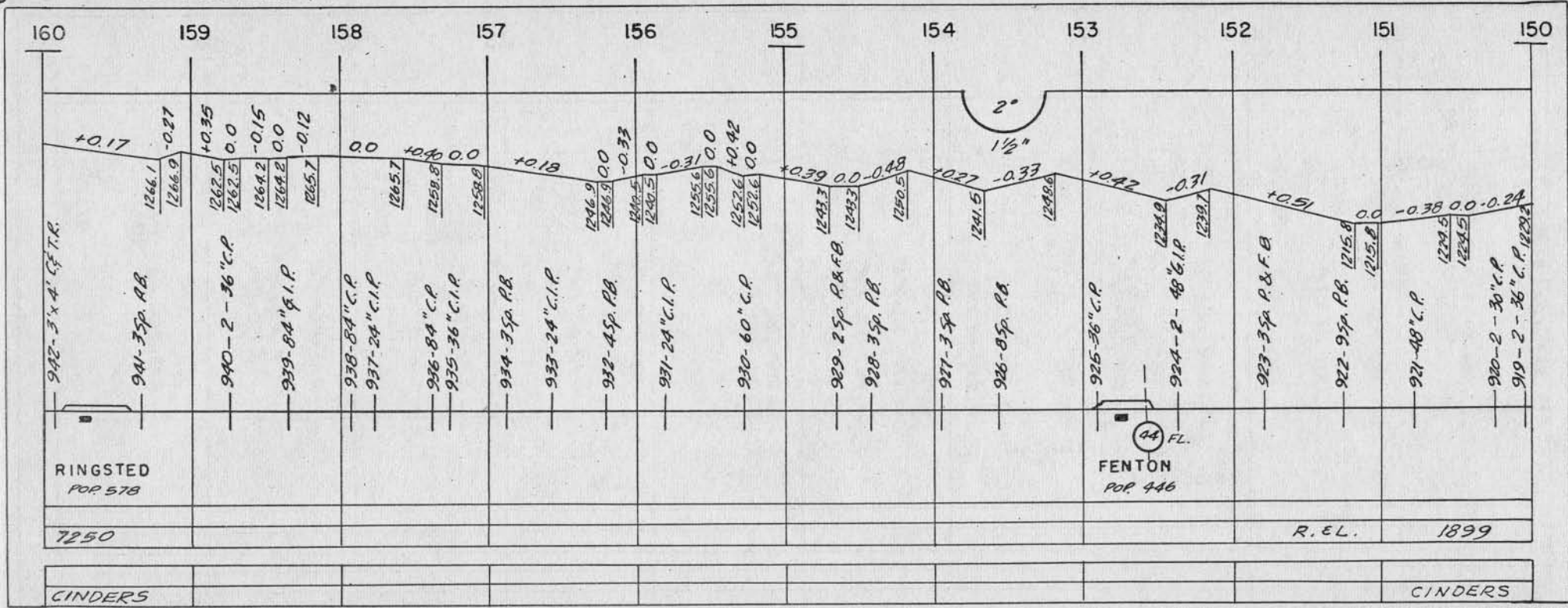
7250

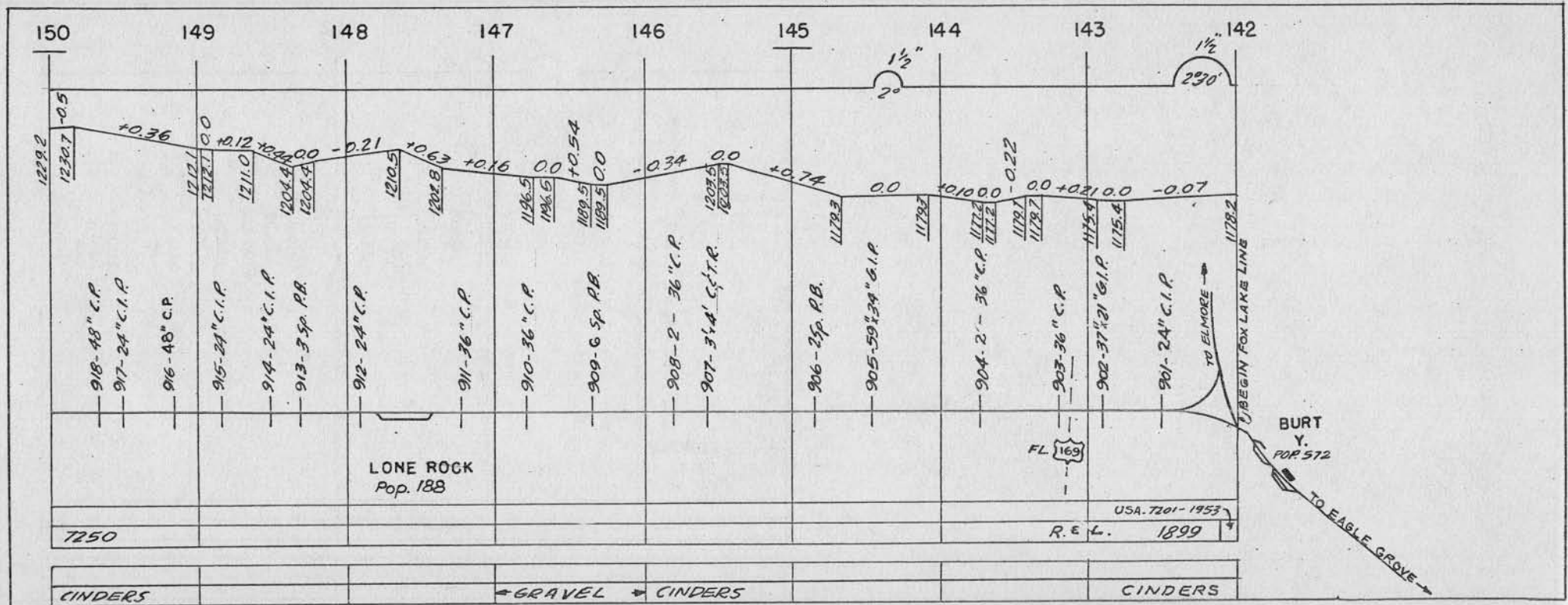
R. E. L. 1899

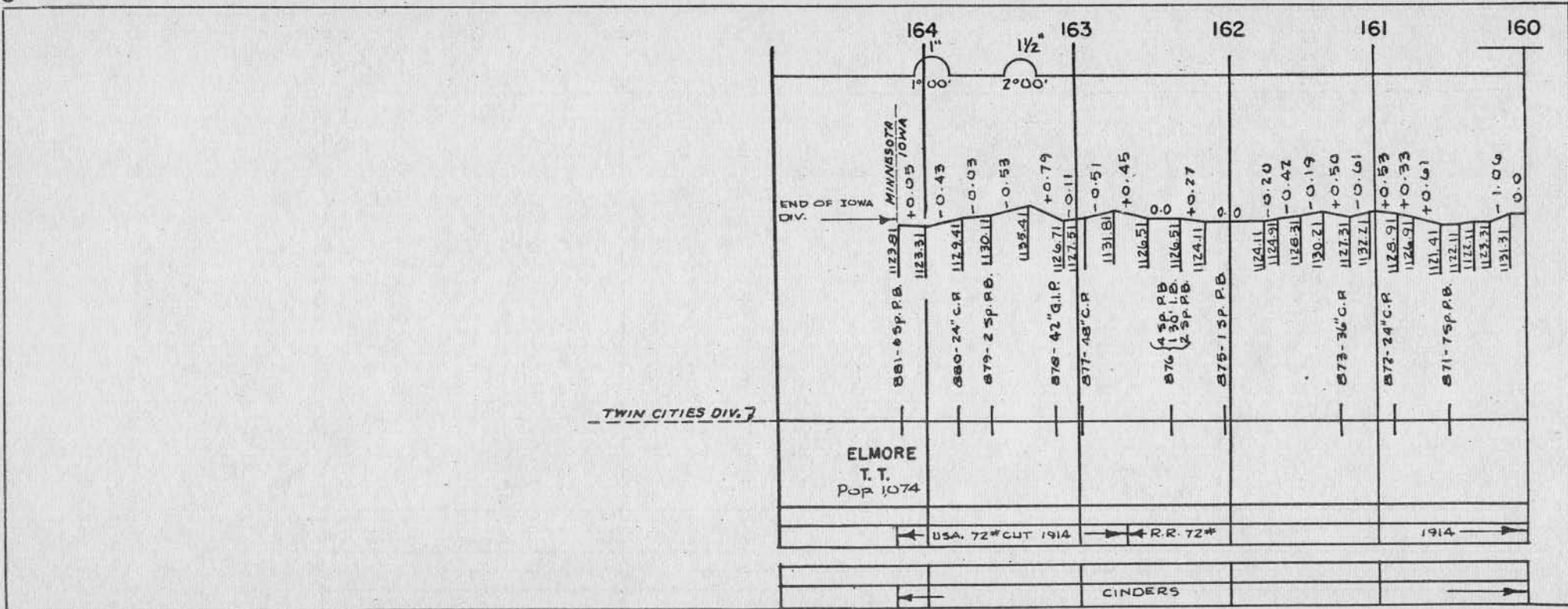
CINDERS

CINDERS









TWIN CITIES DIV. 7

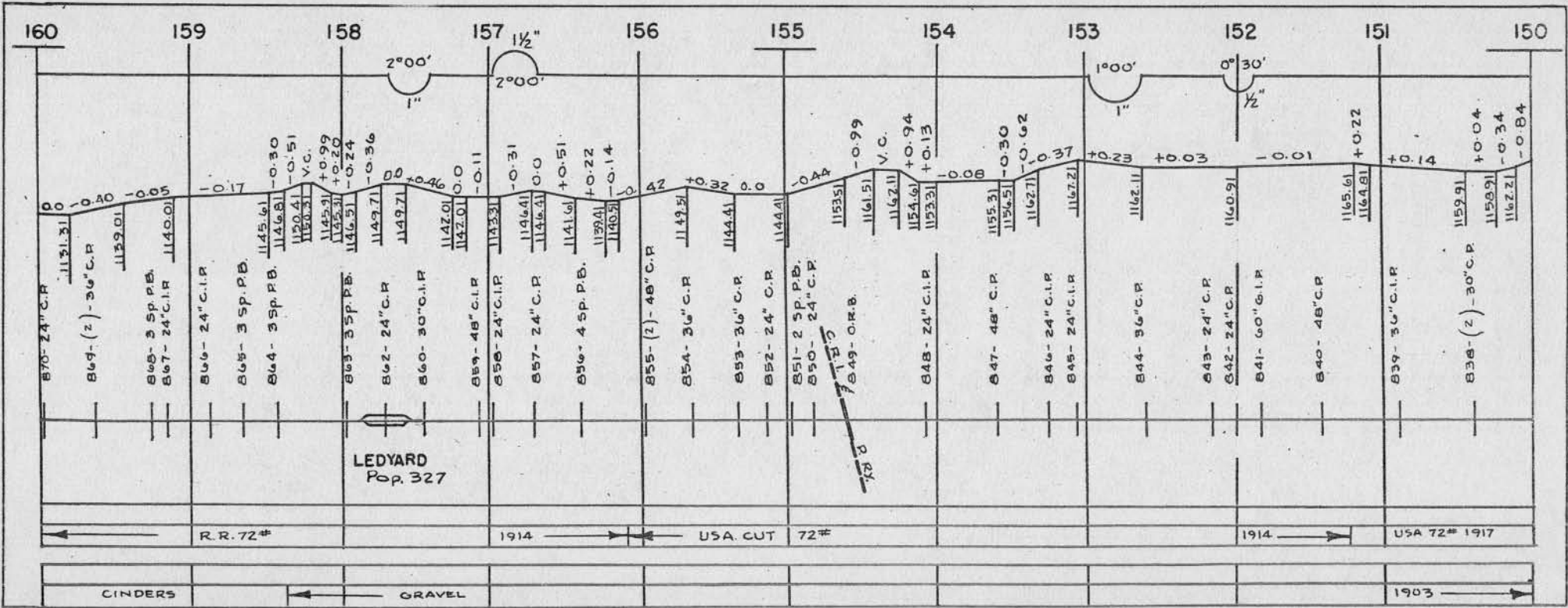
ELMORE
T. T.
POP 1074

USA 72" CUT 1914

R.R. 72"

1914

CINDERS



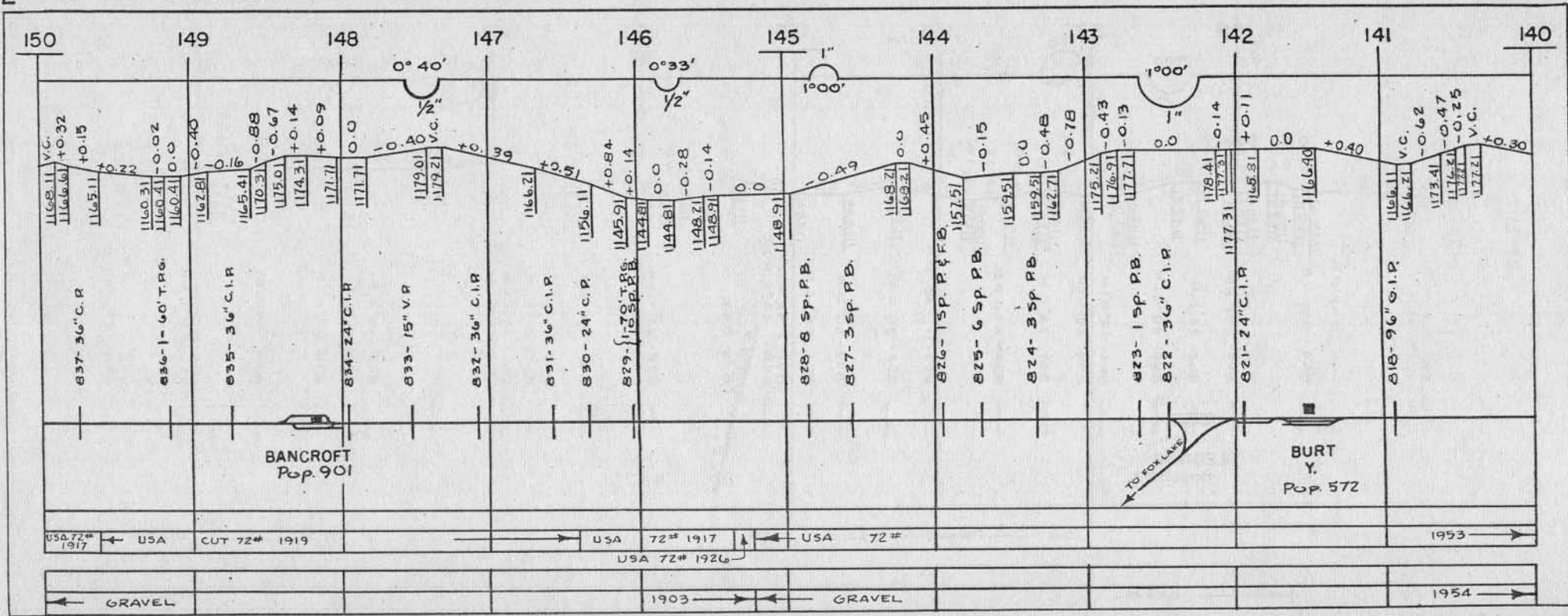
LEDYARD
Pop. 327

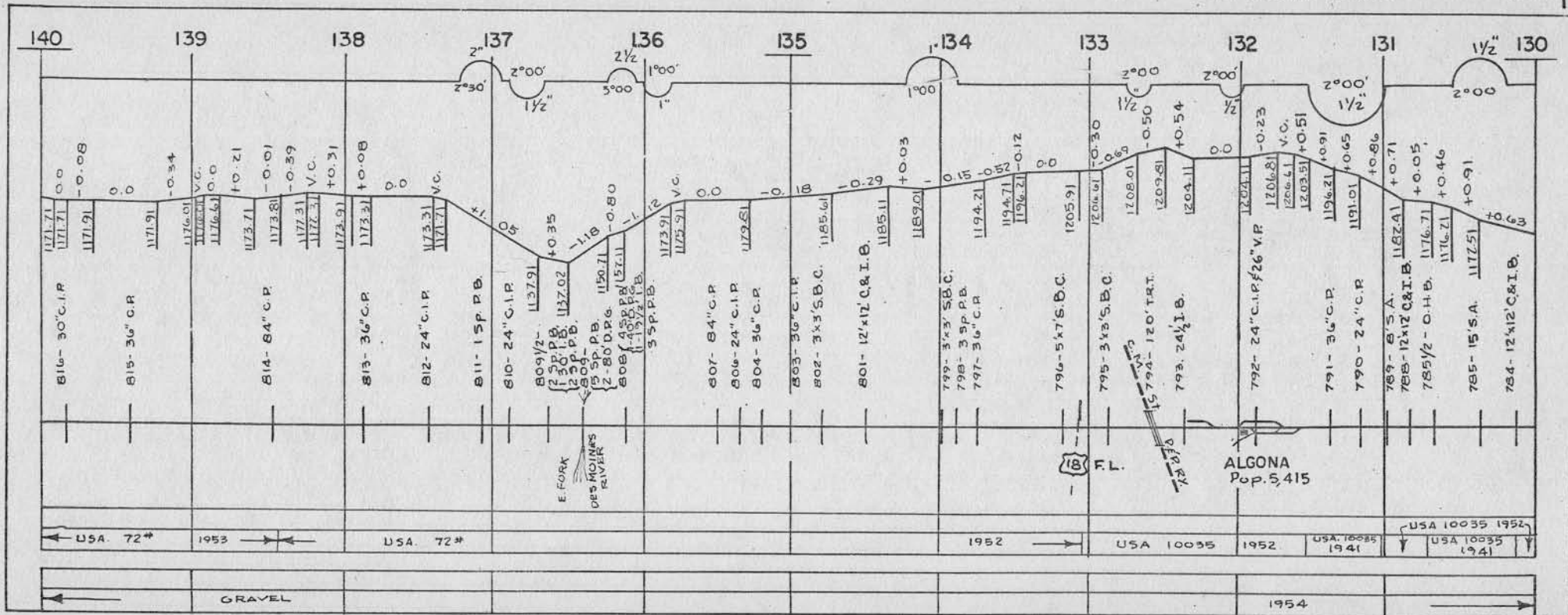
72#
72#

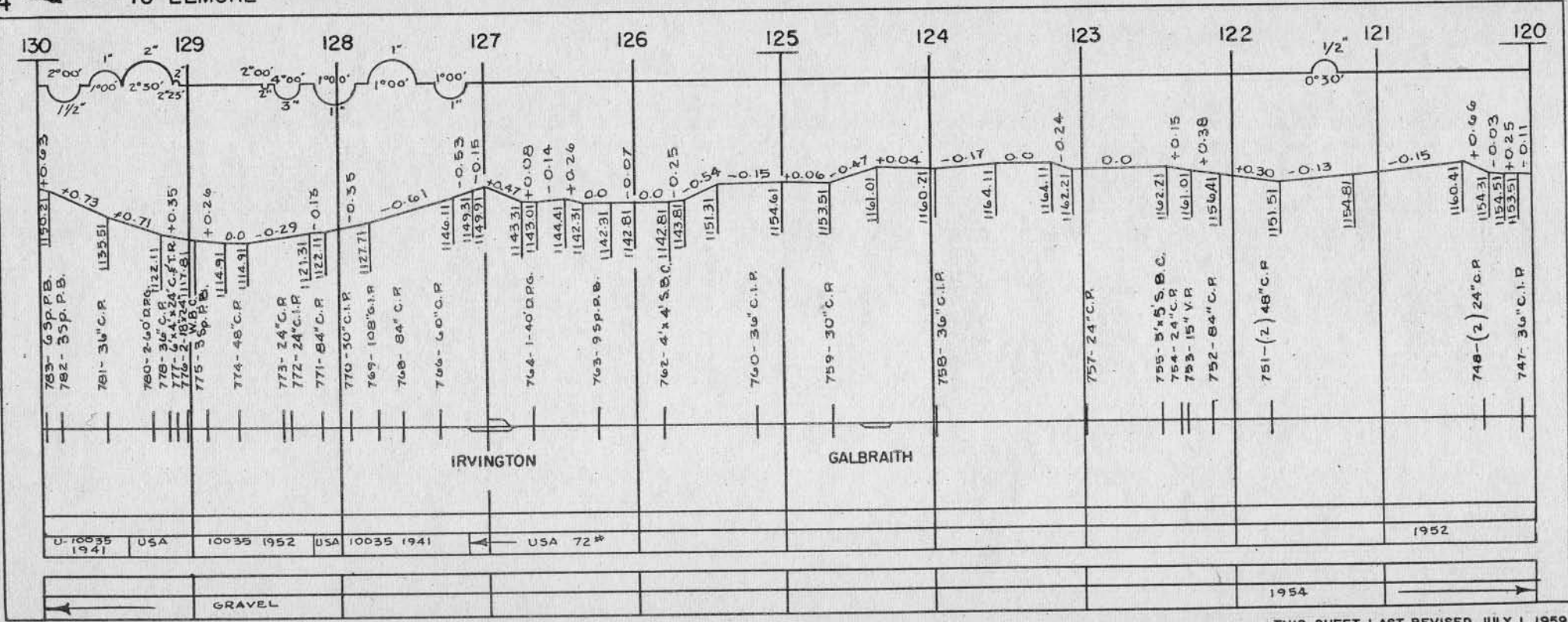
CINDERS

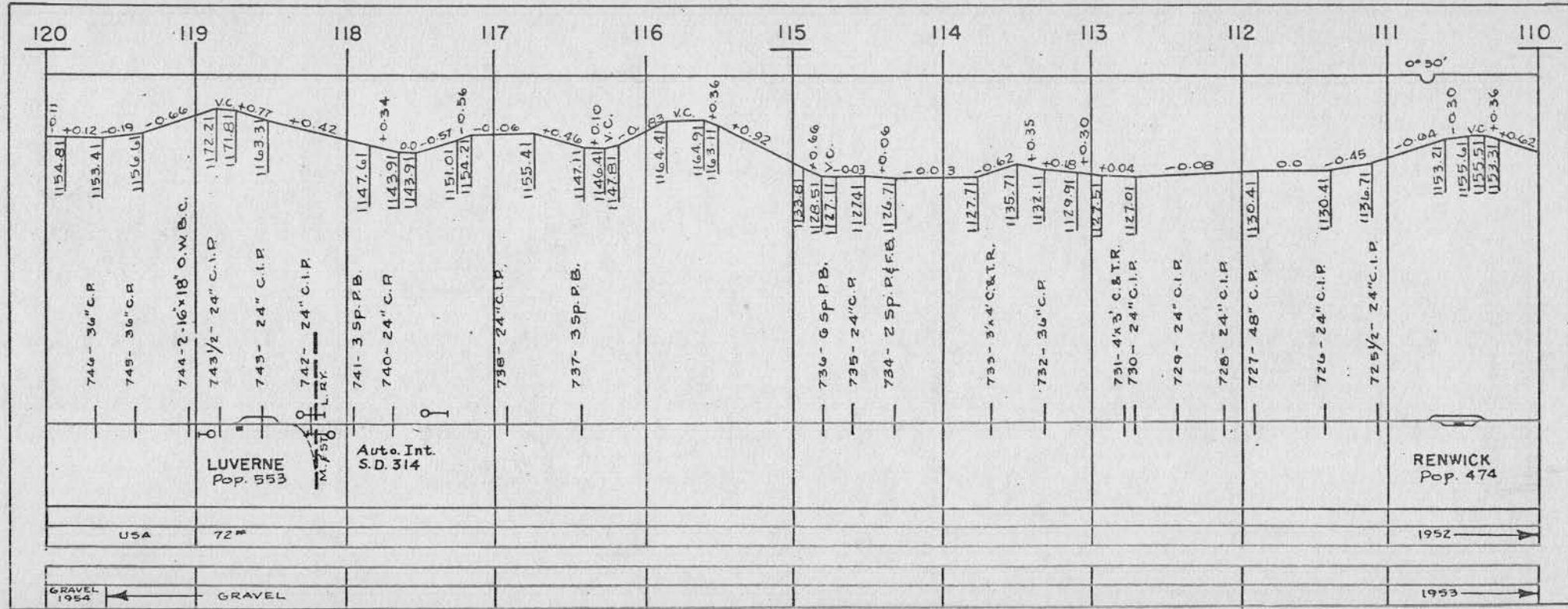
GRAVEL

1903









LUVERNE
Pop. 553

Auto. Int.
S.D. 314

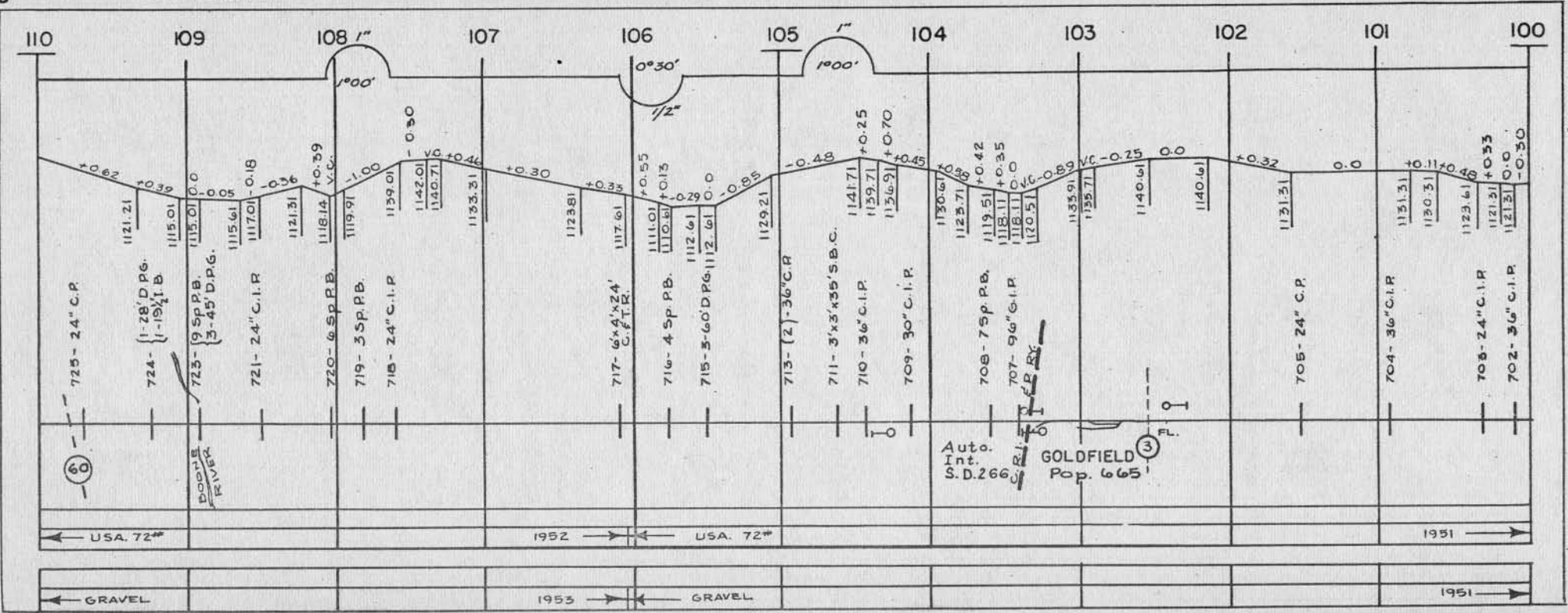
RENWICK
Pop. 474

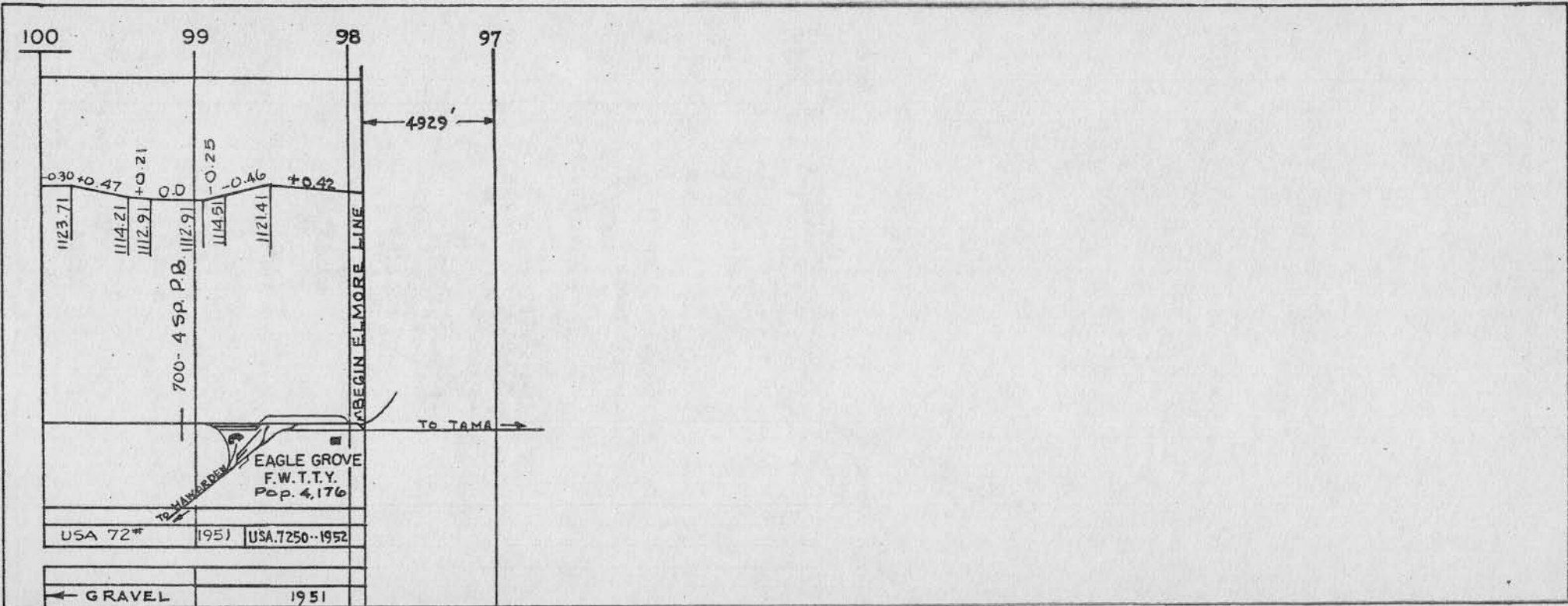
GRAVEL
1954

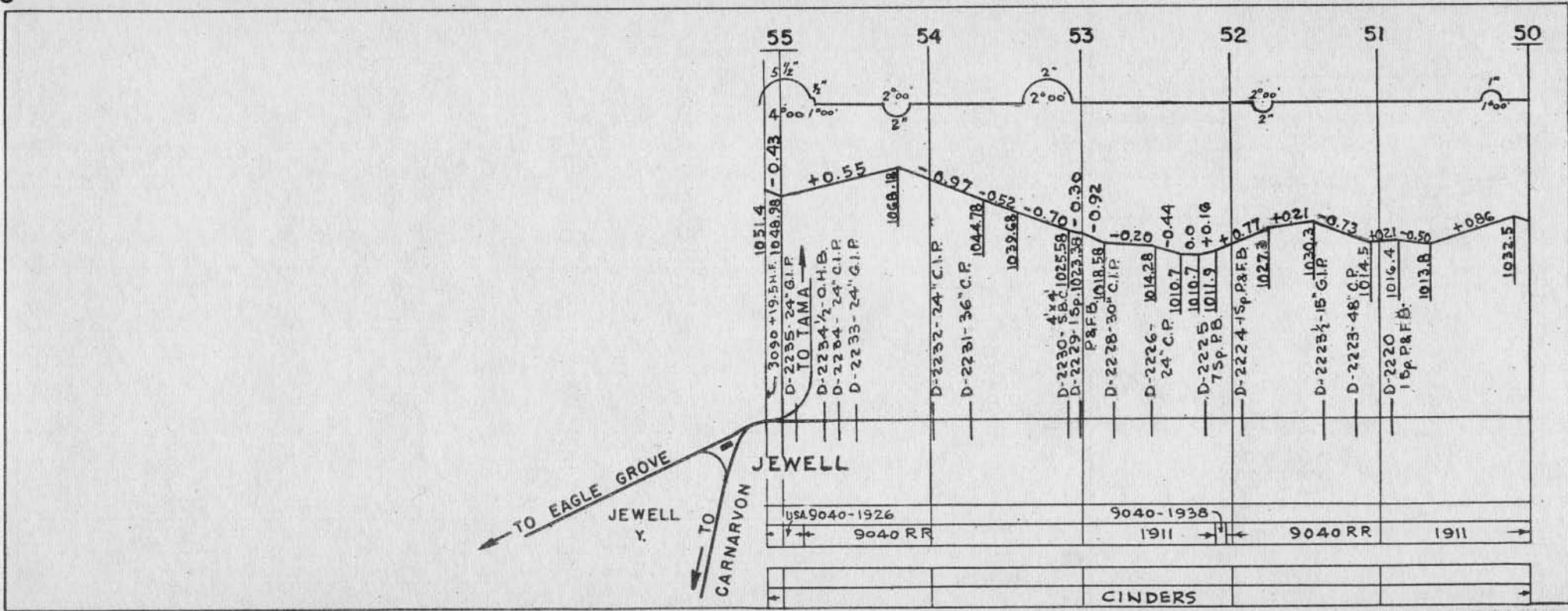
GRAVEL

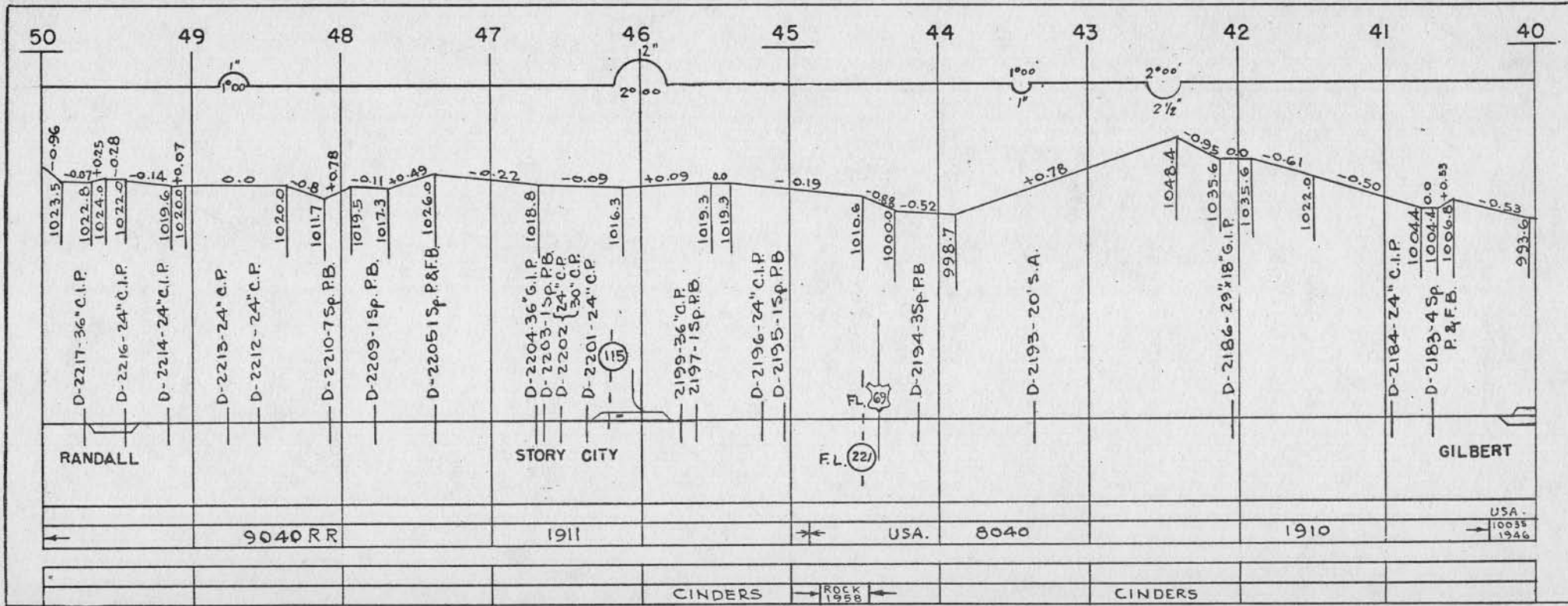
1952

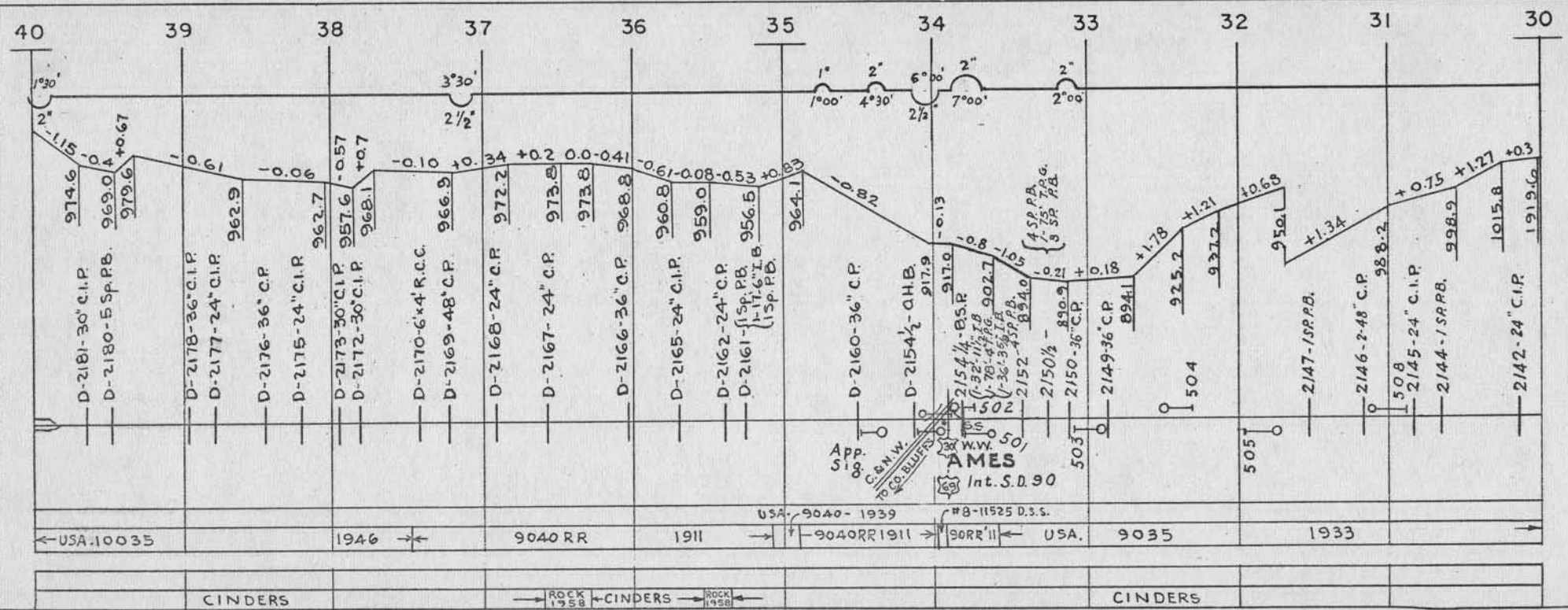
1953











USA:10035

1946

9040 RR

1911

USA-9040-1939

#8-11525 D.S.S.

90RR11

USA.

9035

1933

CINDERS

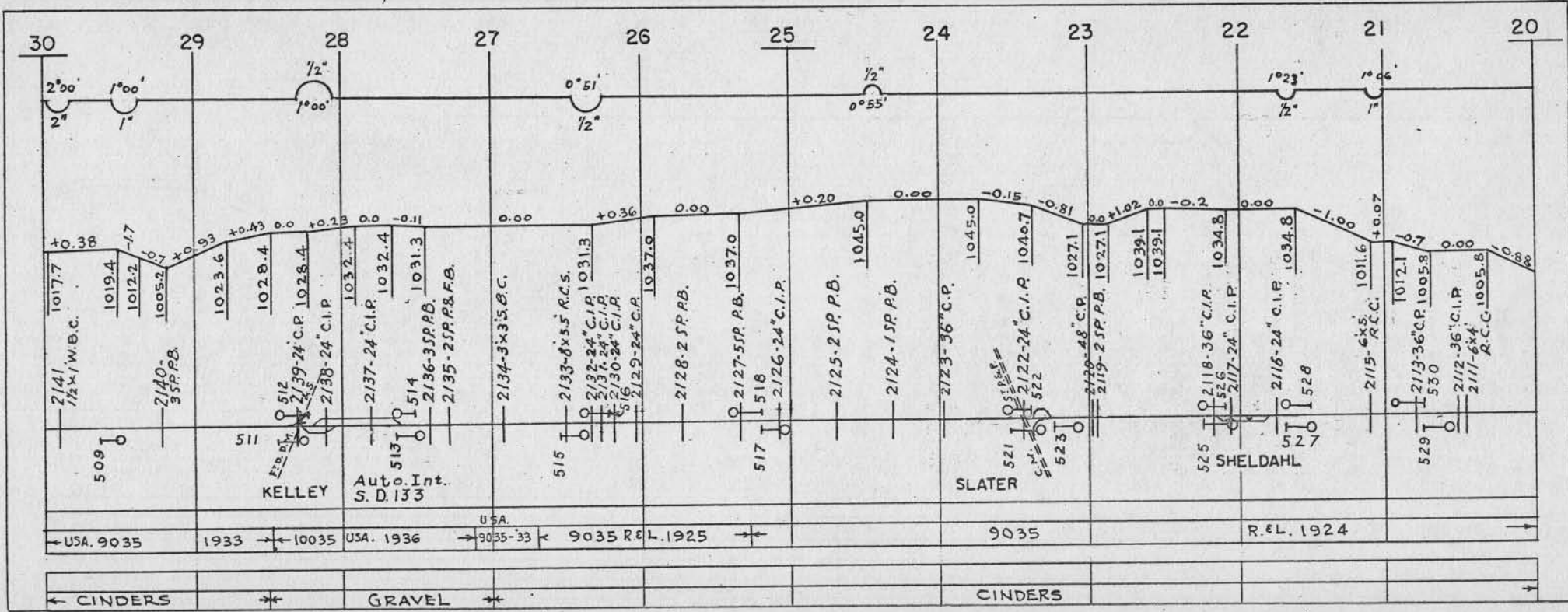
ROCK 1958 CINDERS

CINDERS

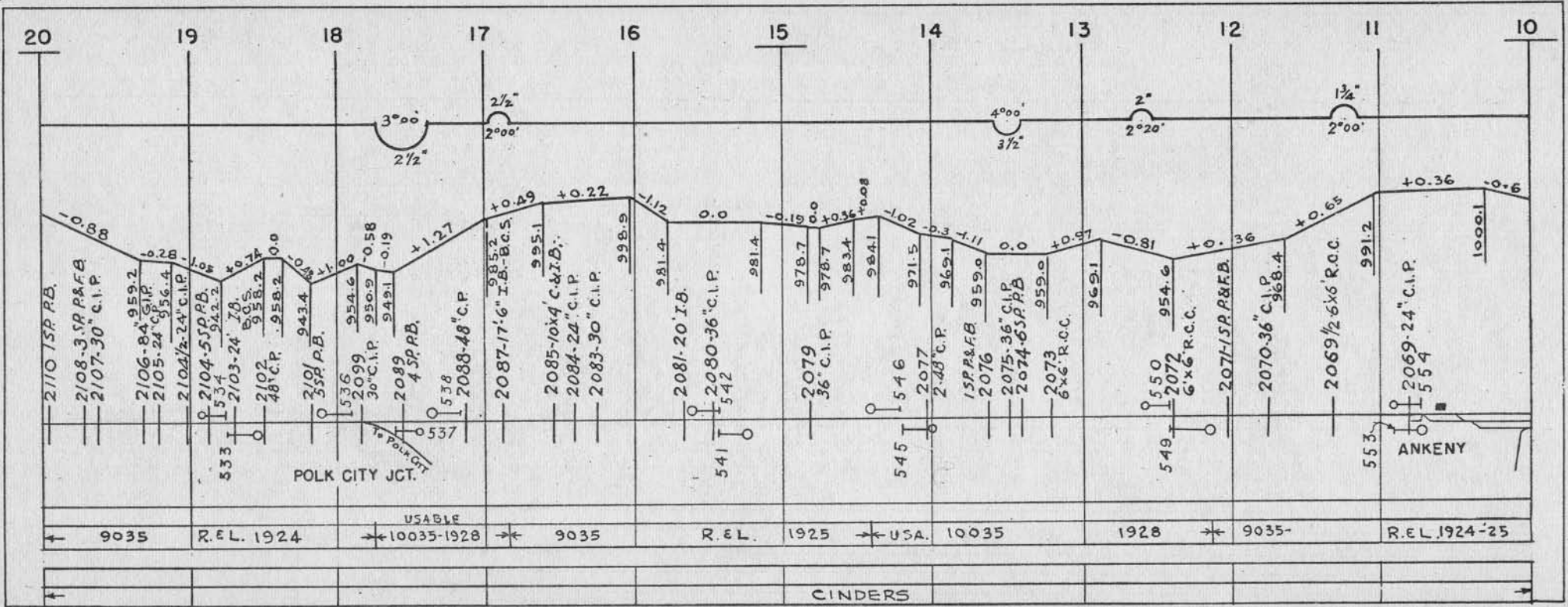
TO JEWELL

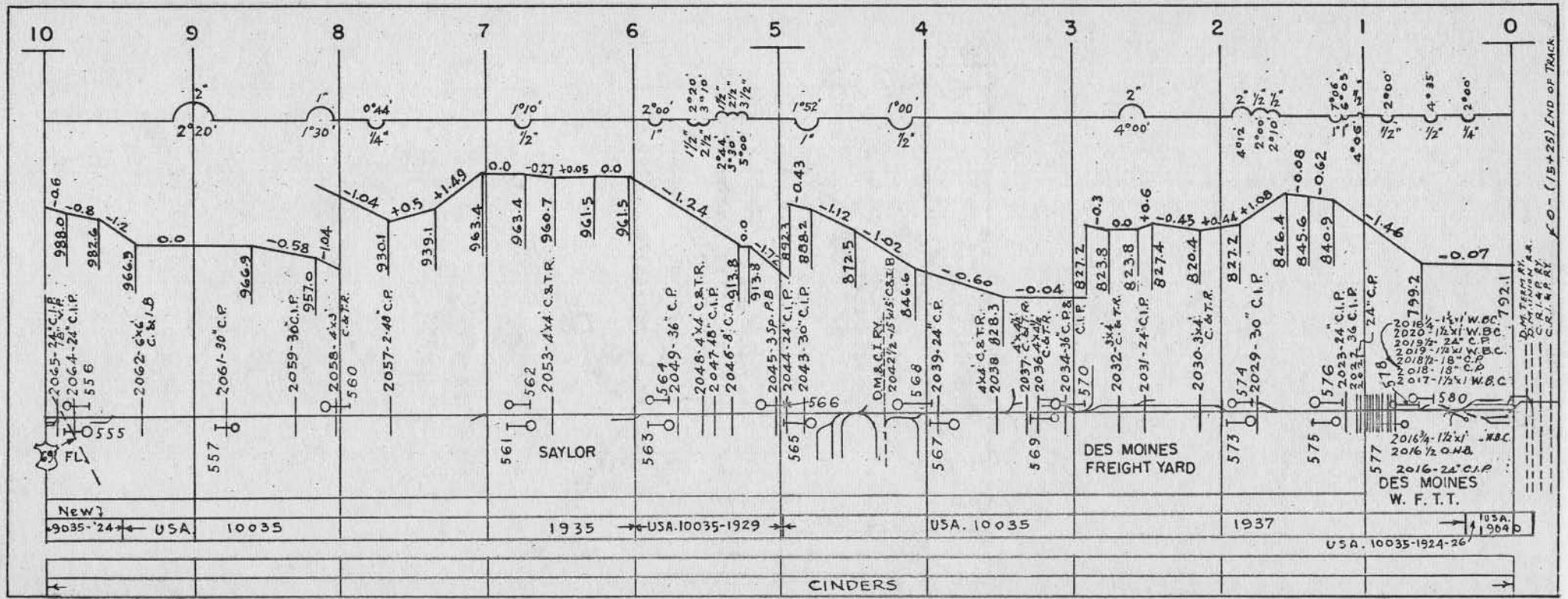
TO DES MOINES

111



THIS SHEET LAST REVISED JULY 1, 1959





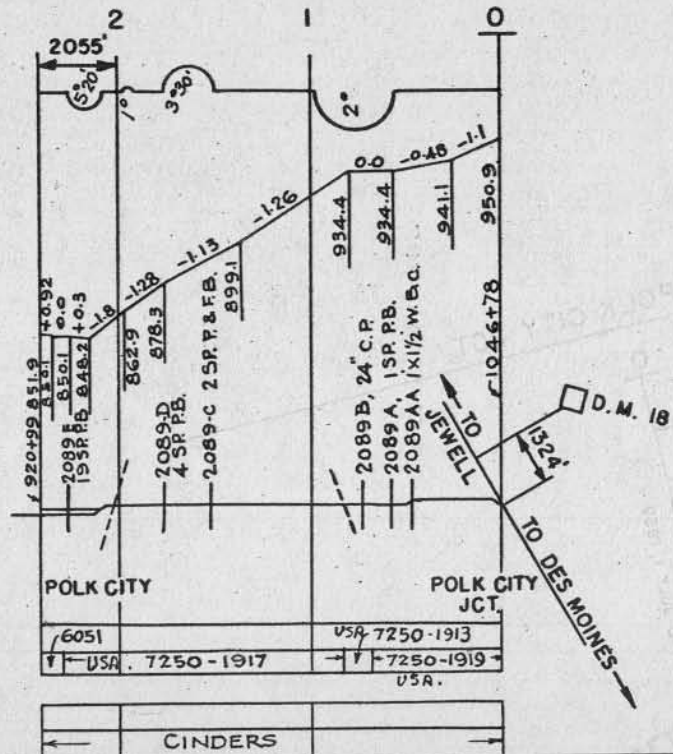
1" = 100' (15+25) END OF TRACKS

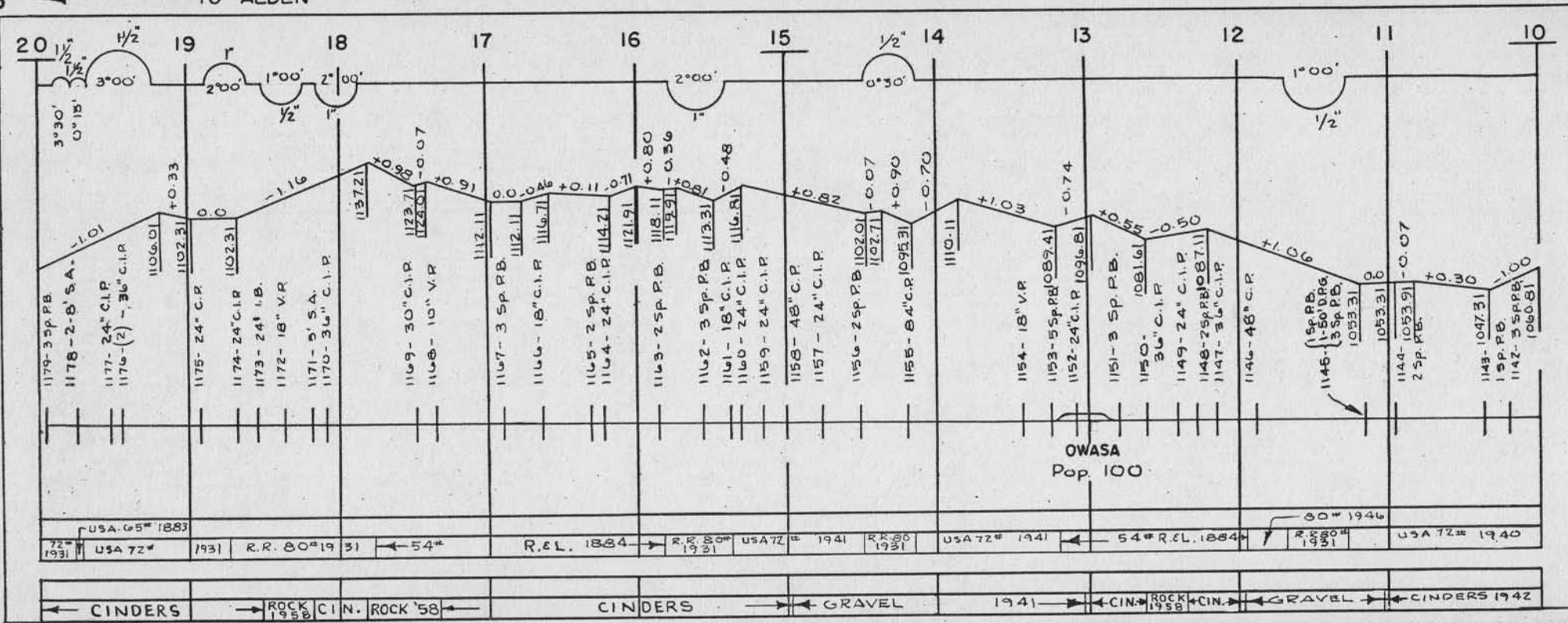
DES MOINES W.F.T.T. C.R.I. & P.R.Y.

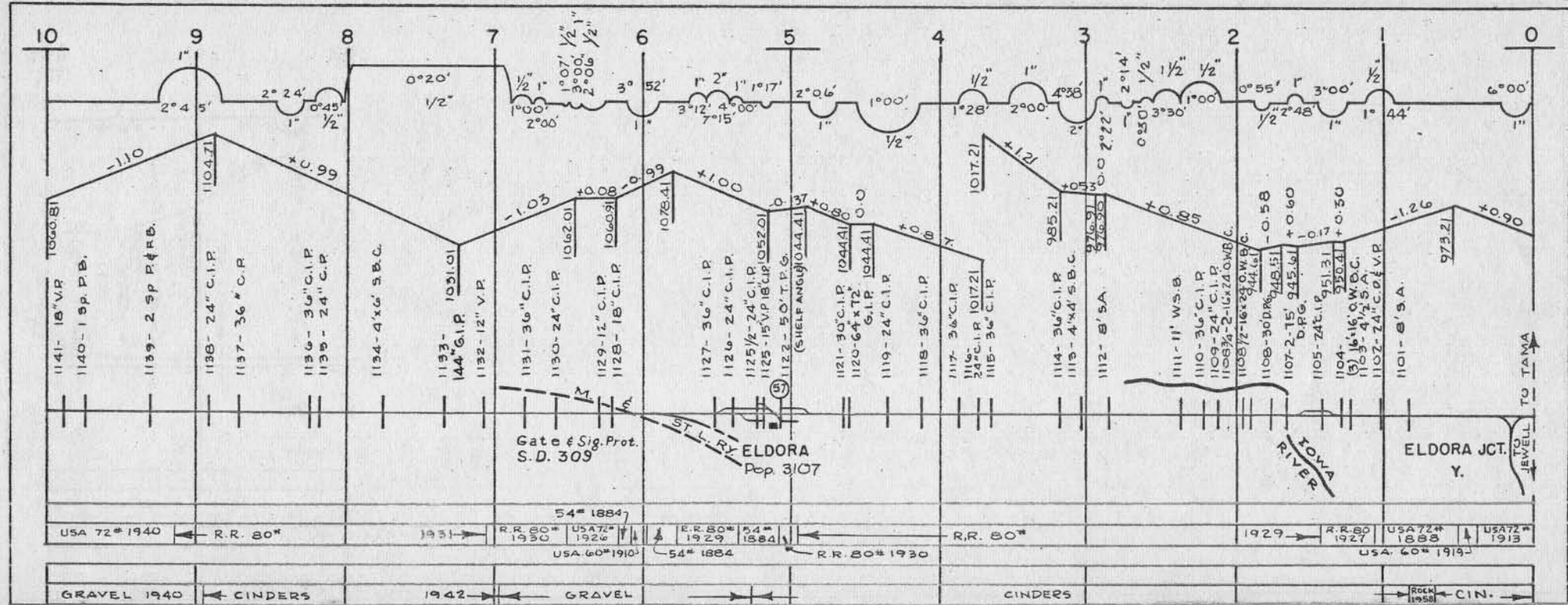
2018 1/2 x 1/2 W.B.C.
 2020 1/2 x 1/2 W.B.C.
 2019 1/2 x 24" C.P.R.
 2018 1/2 x 1/2 W.B.C.
 2017 1/2 x 1/2 W.B.C.
 2016 1/2 x 1/2 W.B.C.
 2016 1/2 x 1/2 W.B.C.
 2016 24" C.I.P.
 DES MOINES W.F.T.T.

USA. 10035-1924-26
 USA. 10035-1929
 USA. 10035
 USA. 10035

CINDERS







Gate & Sig. Prot.
S.D. 309

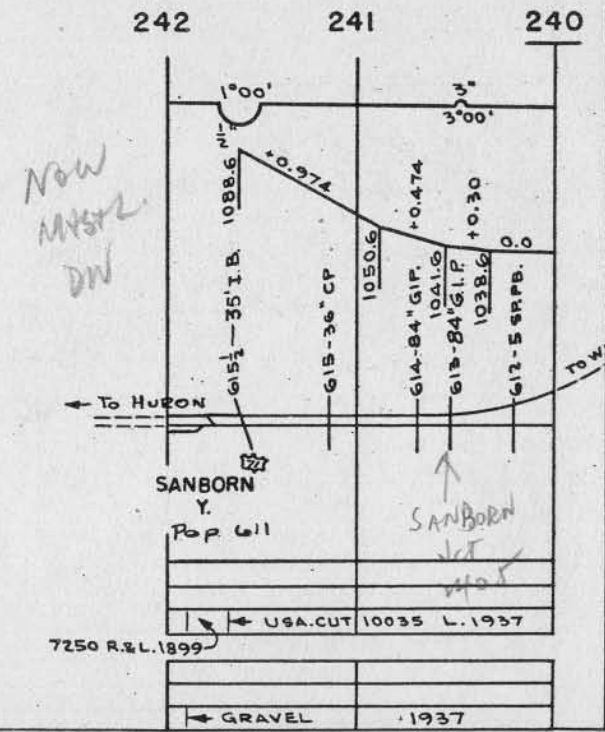
ST. L. RY. ELDORA
Pop 3,107

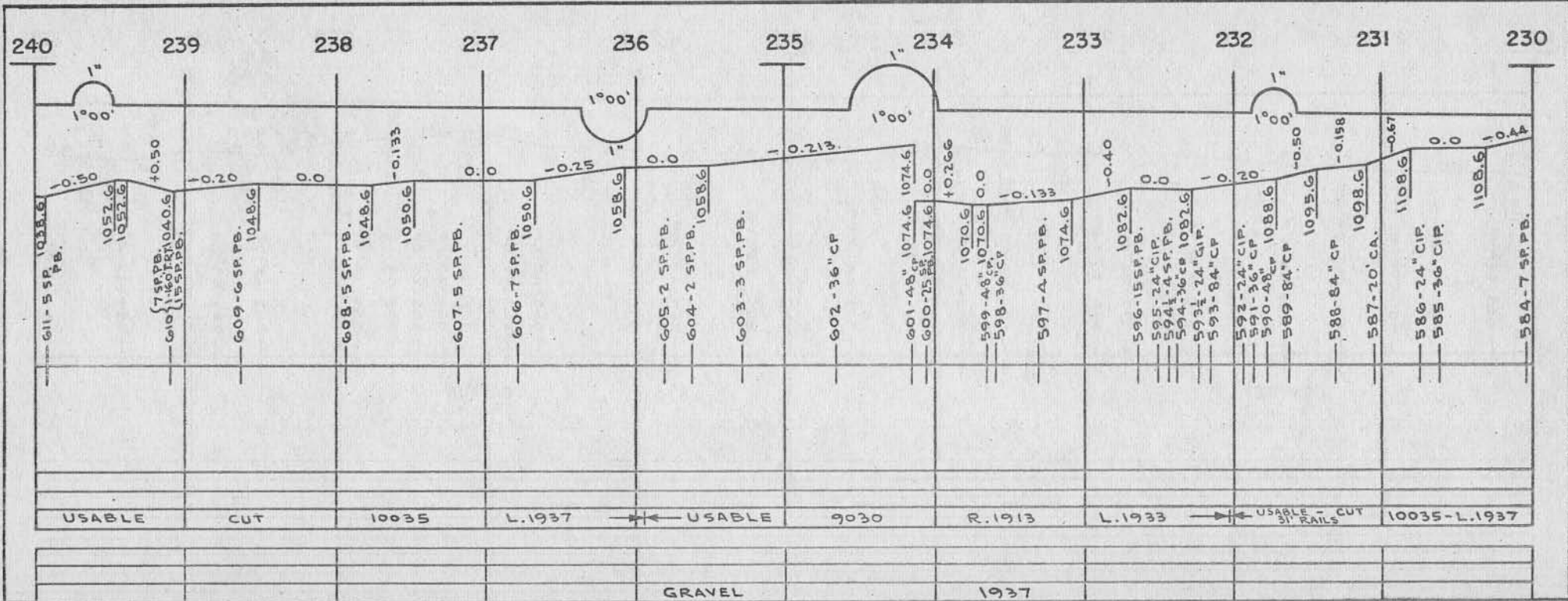
IOWA RIVER

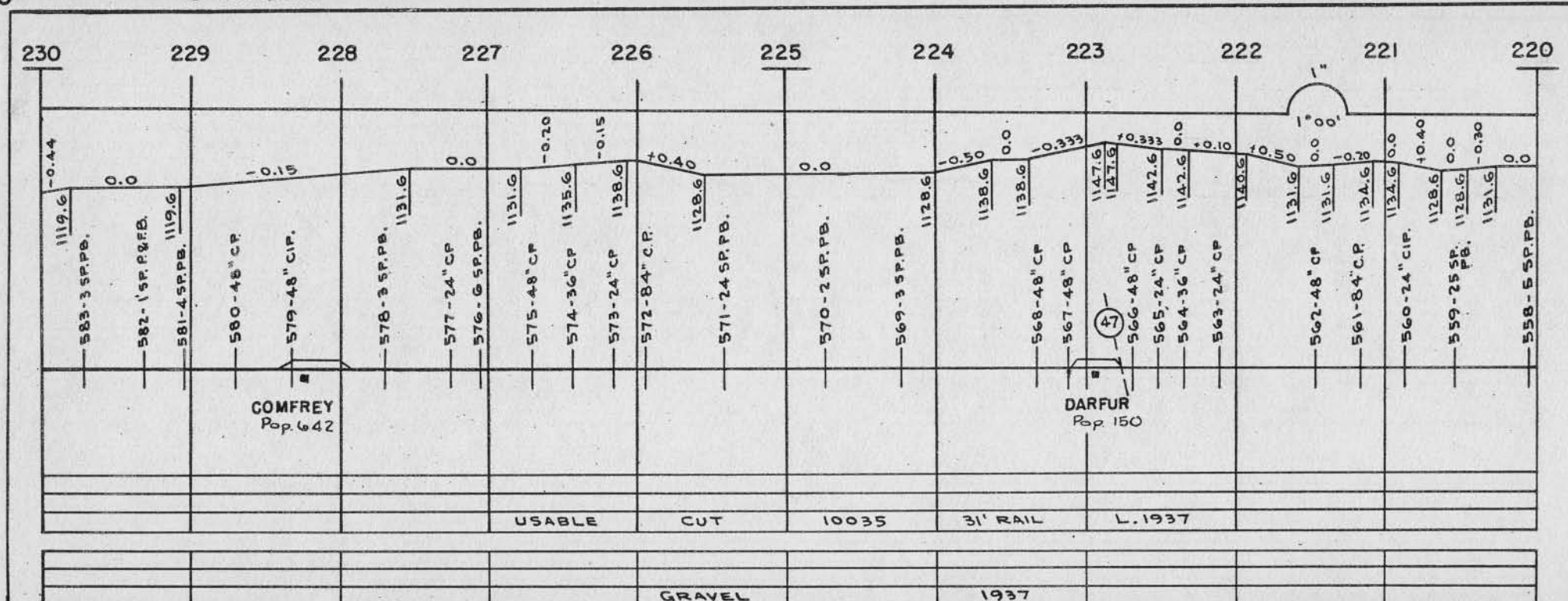
ELDORA JCT.
Y.

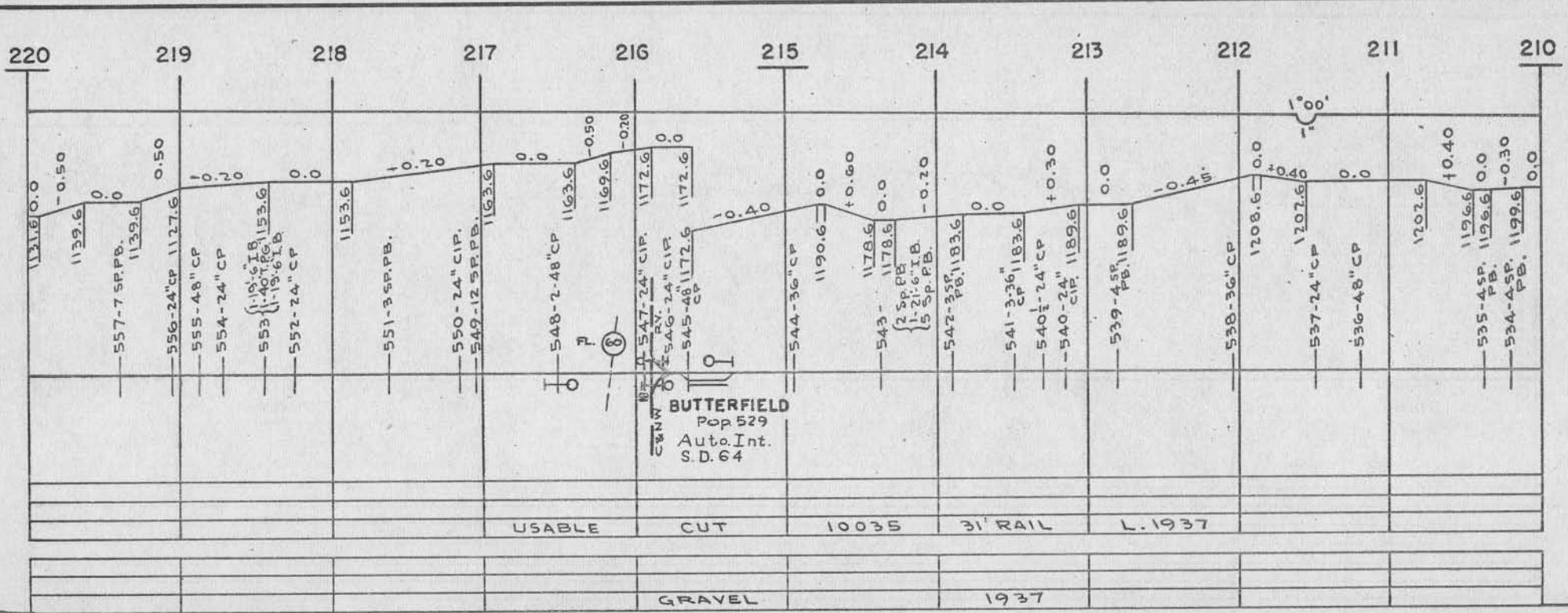
JEWELL TO TAMA

USA 72*1940	R.R. 80*	1931	R.R. 80* 1930	USA 72* 1926	E.R. 80* 1929	54* 1384	R.R. 80*	1929	R.R. 80 1927	USA 72* 1888	USA 72* 1913
			USA 60*1910		54* 1884		R.R. 80* 1930			USA 60* 1919	
GRAVEL 1940	CINDERS	1942	GRAVEL				CINDERS				Rock 1958









BUTTERFIELD
 Pop 529
 Auto. Int.
 S.D. 64

USABLE

CUT

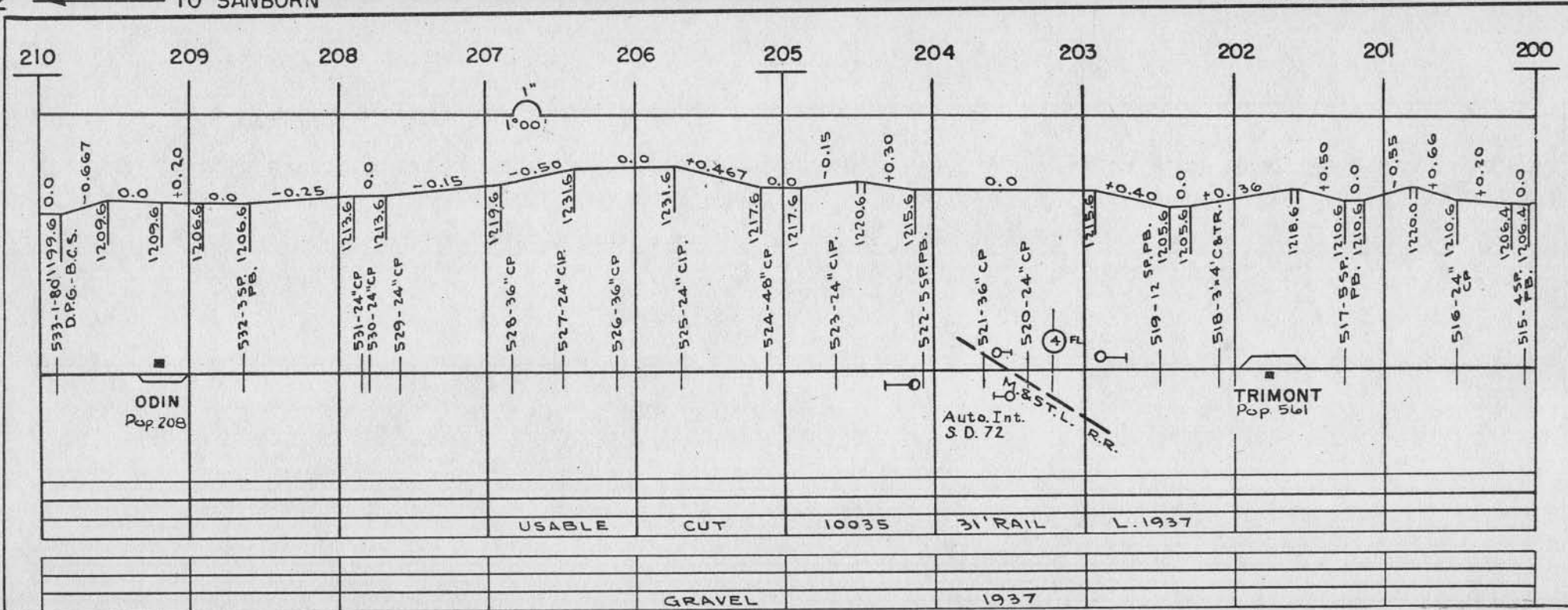
10035

31' RAIL

L. 1937

GRAVEL

1937



ODIN
Pop 208

Auto. Int.
S.D. 72

TRIMONT
Pop 561

USABLE

CUT

10035

31' RAIL

L. 1937

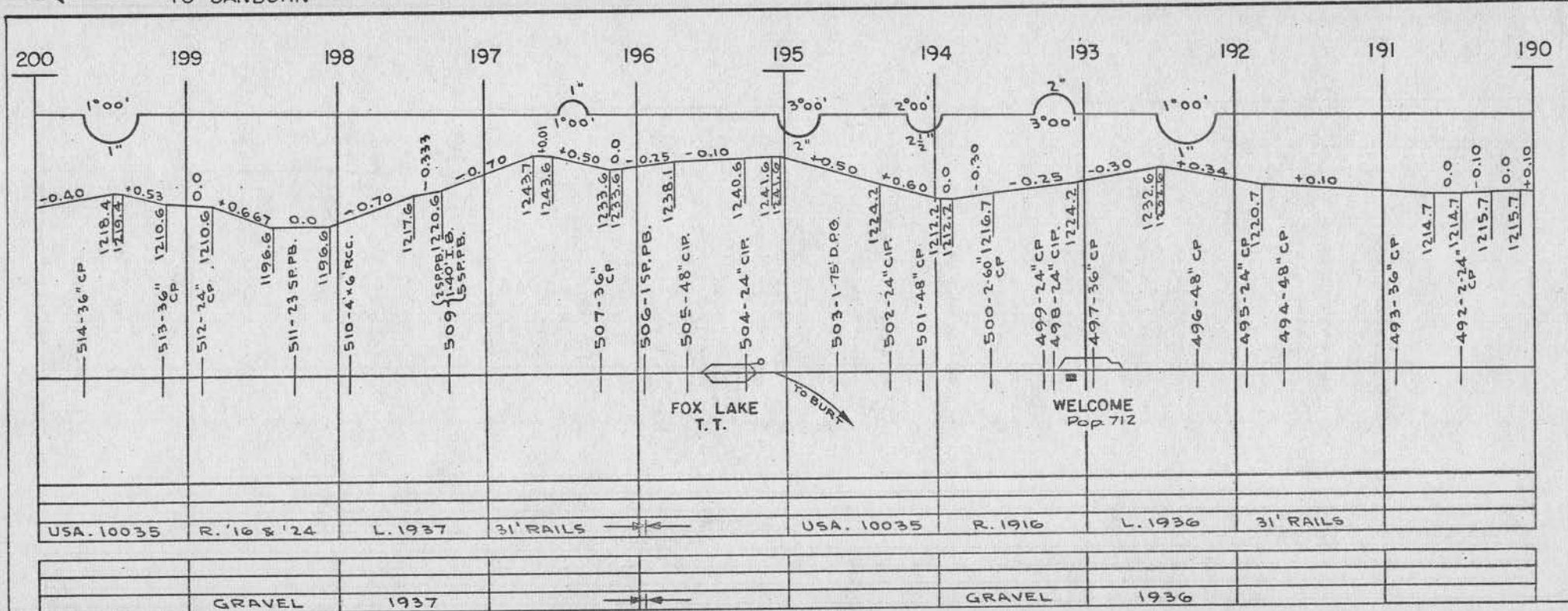
GRAVEL

1937

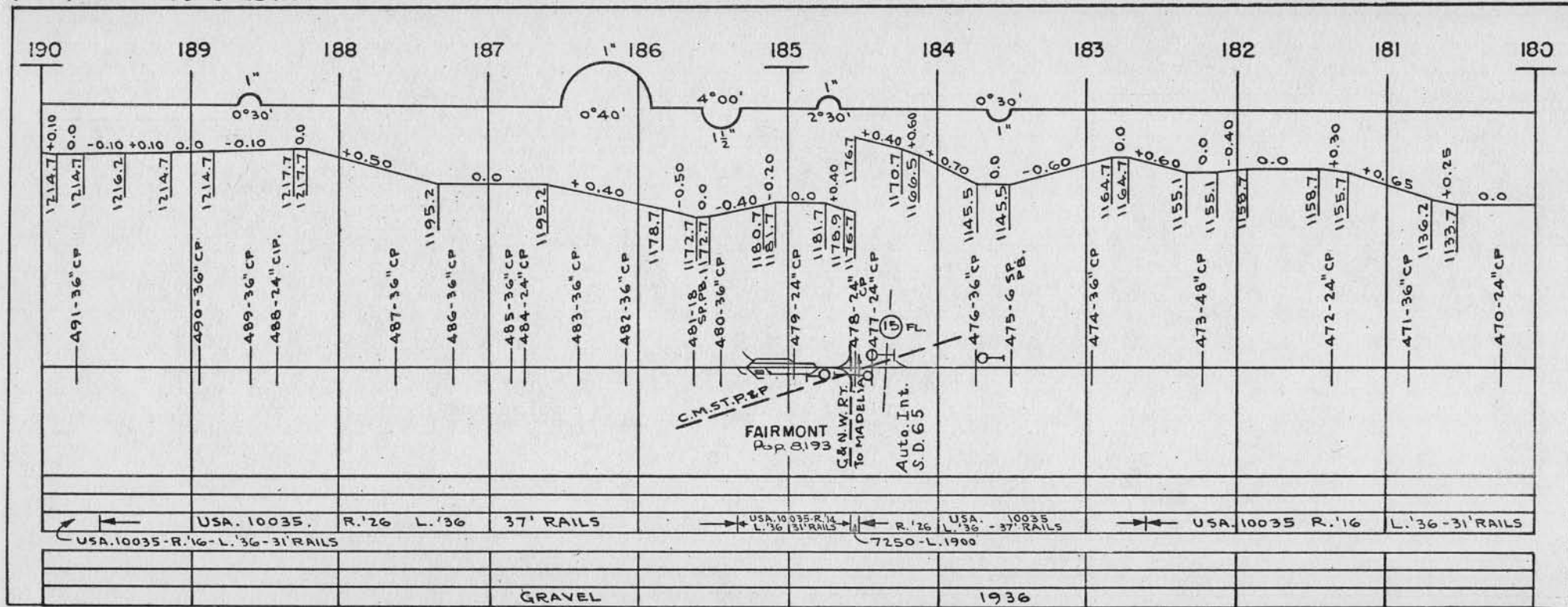
TO SANBORN

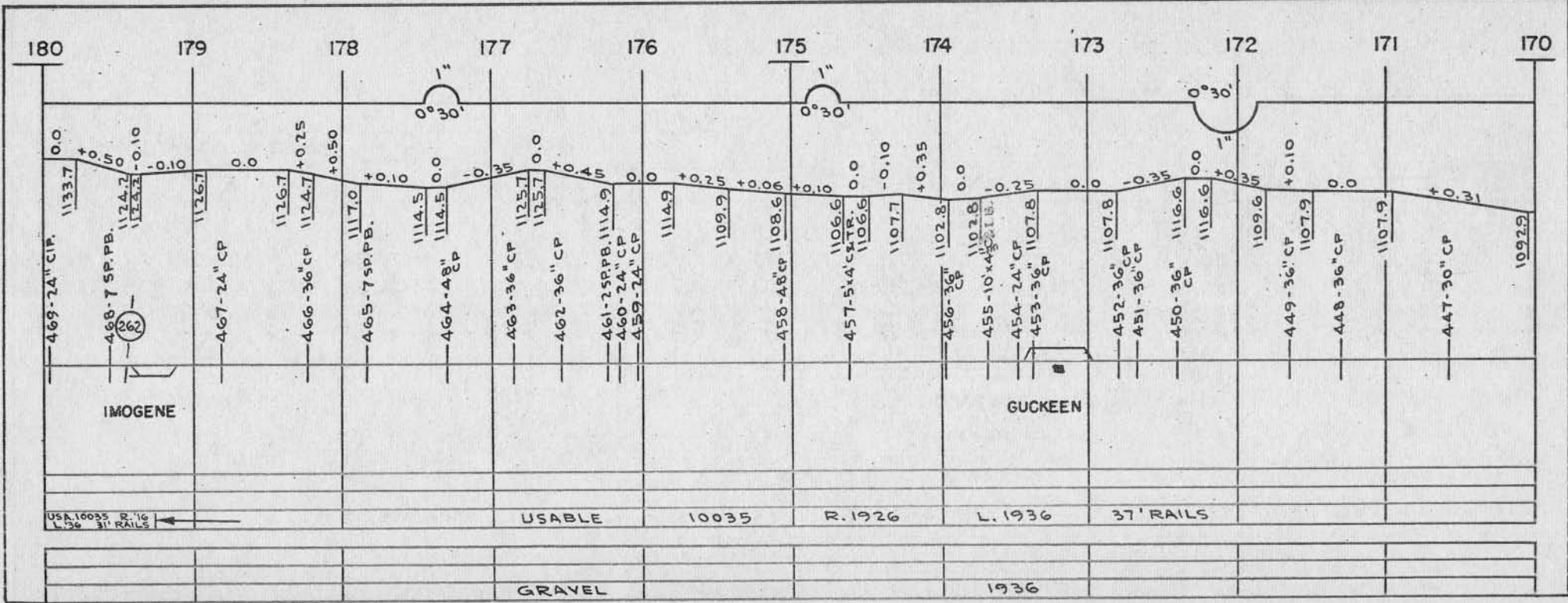
TO MASON CITY

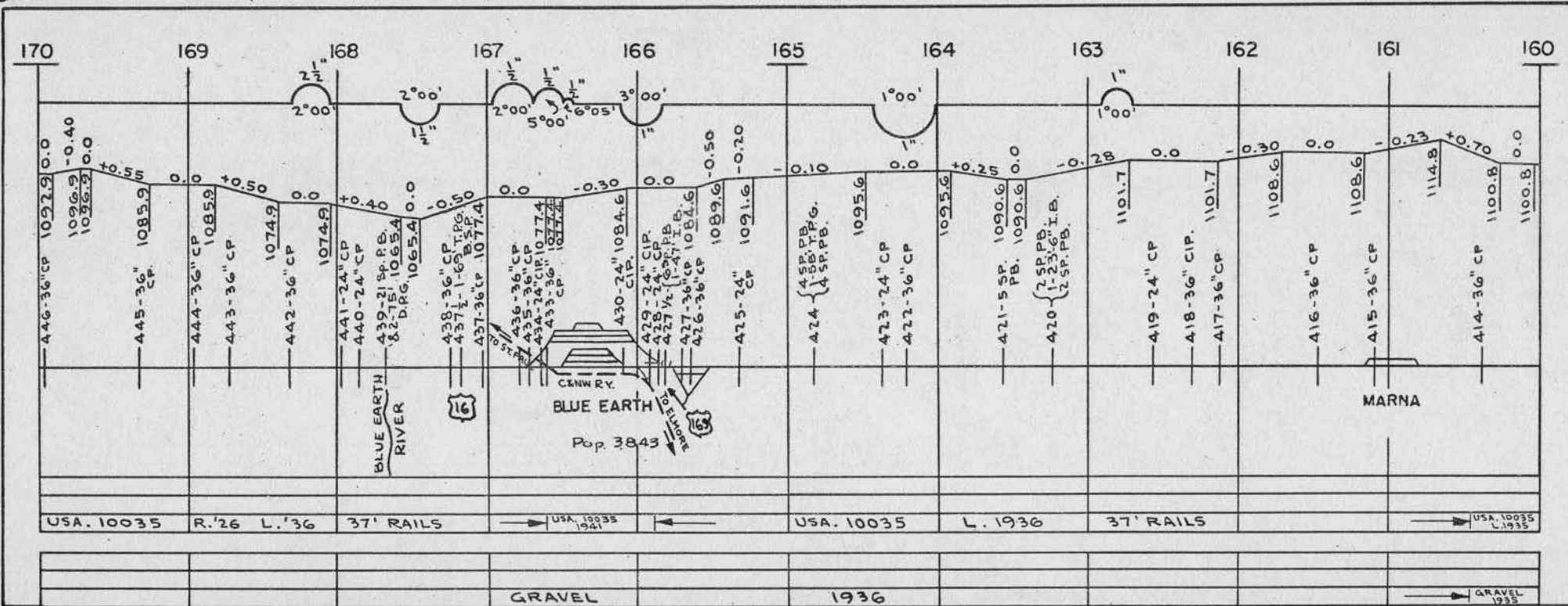
123

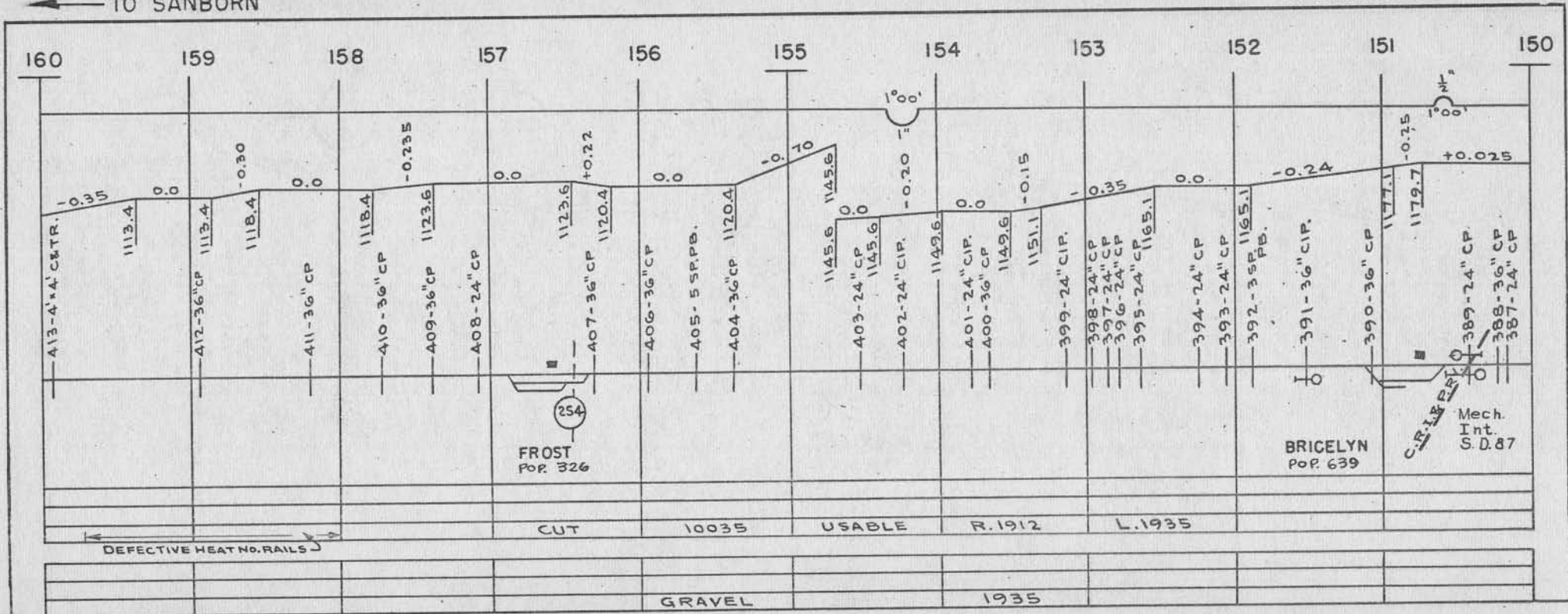


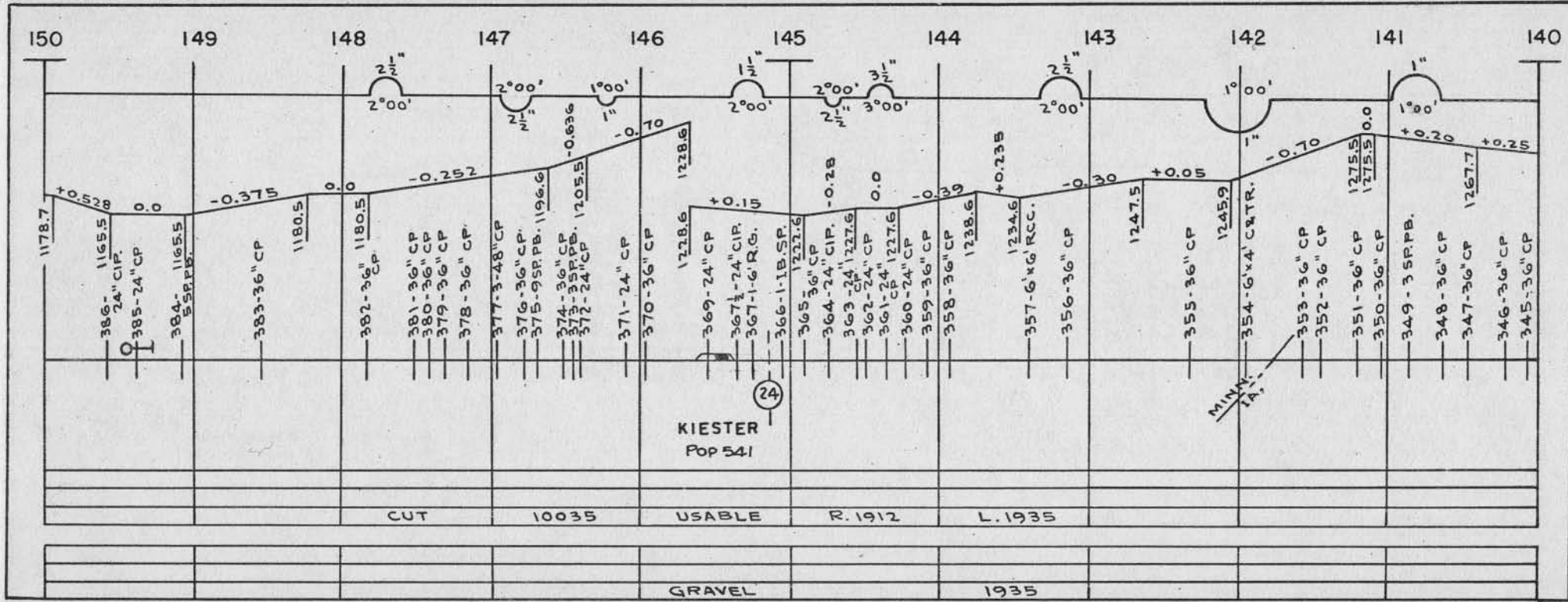
THIS SHEET LAST REVISED JULY 1, 1959











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KIESTER
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I.A.

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10035

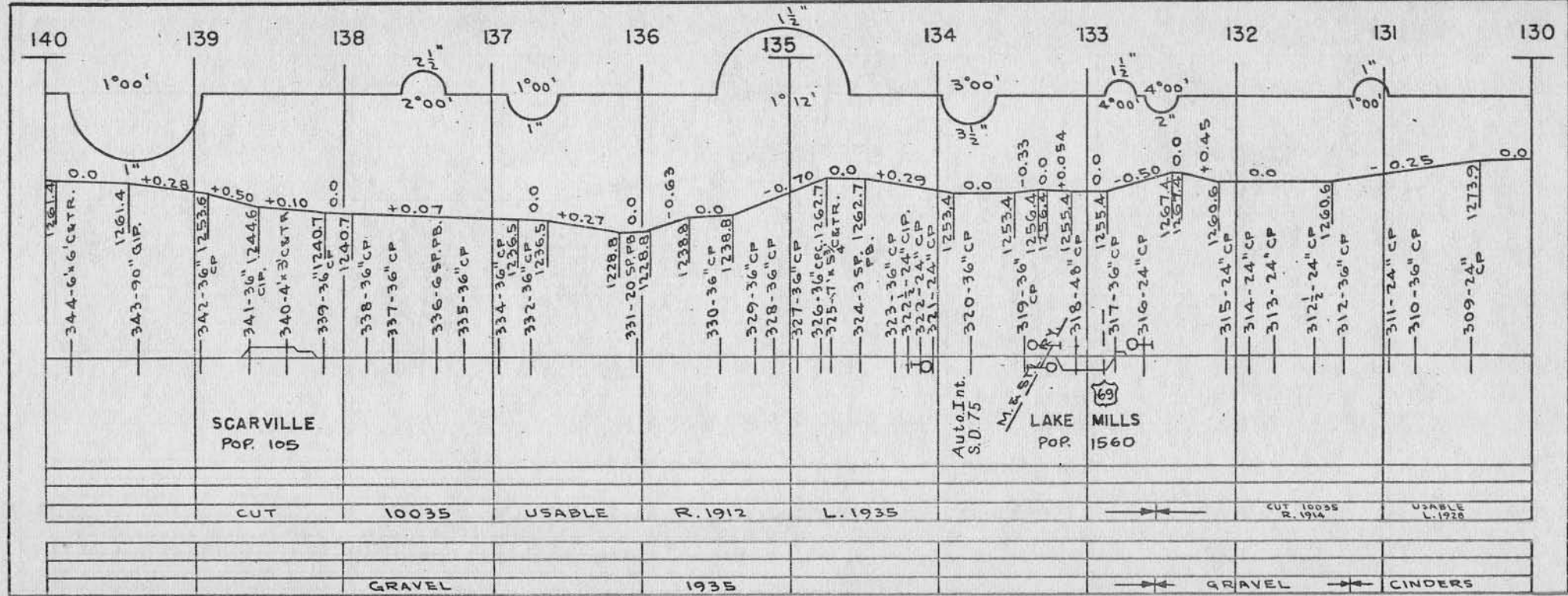
USABLE

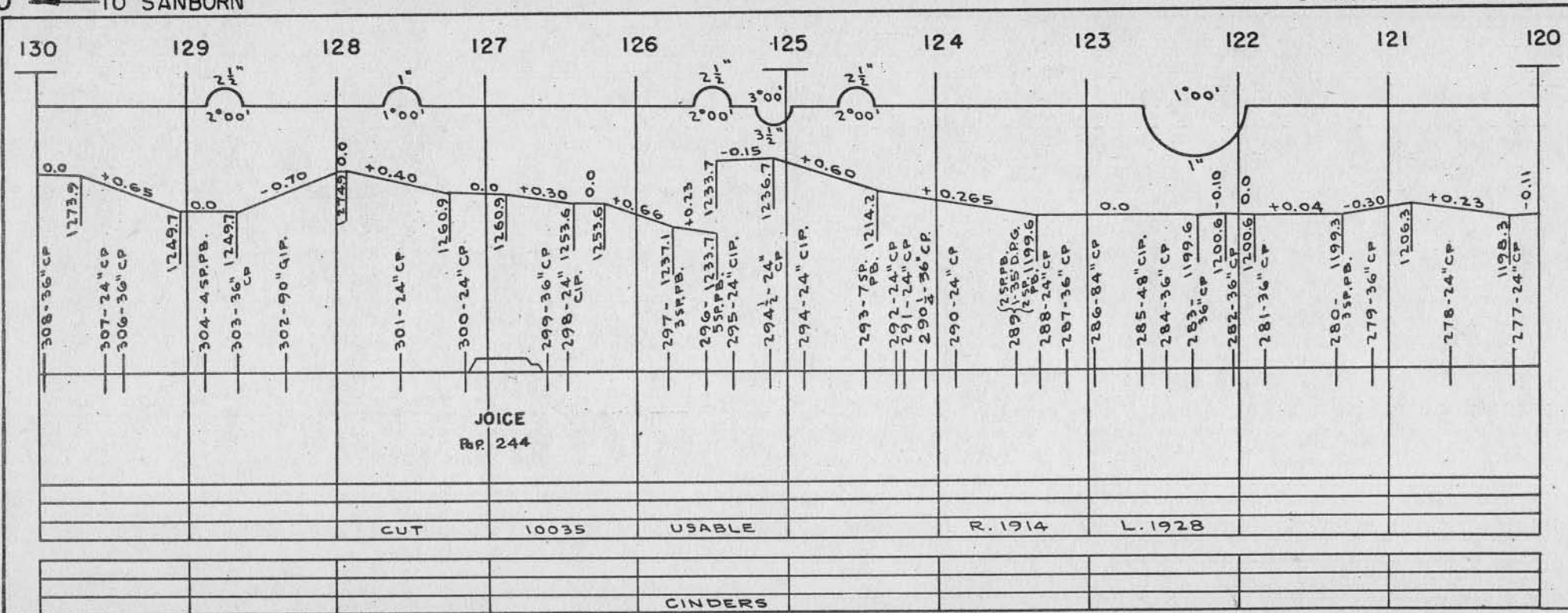
R. 1912

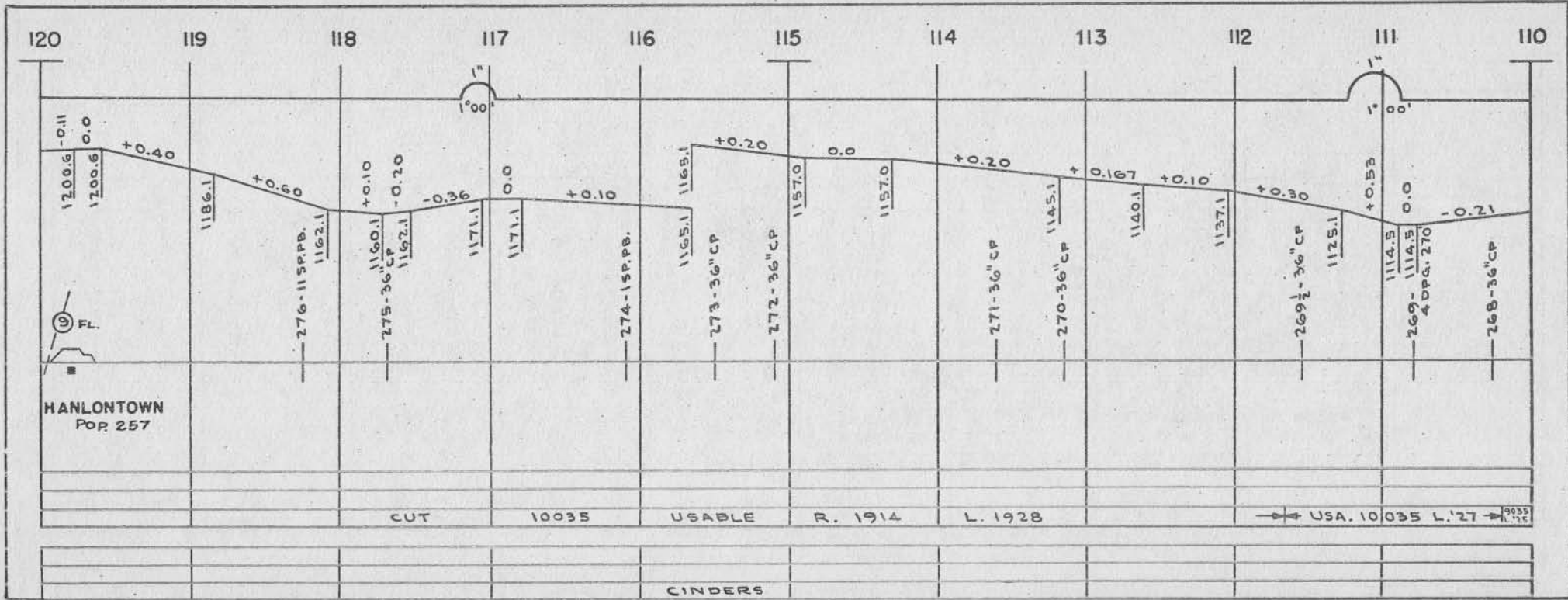
L. 1935

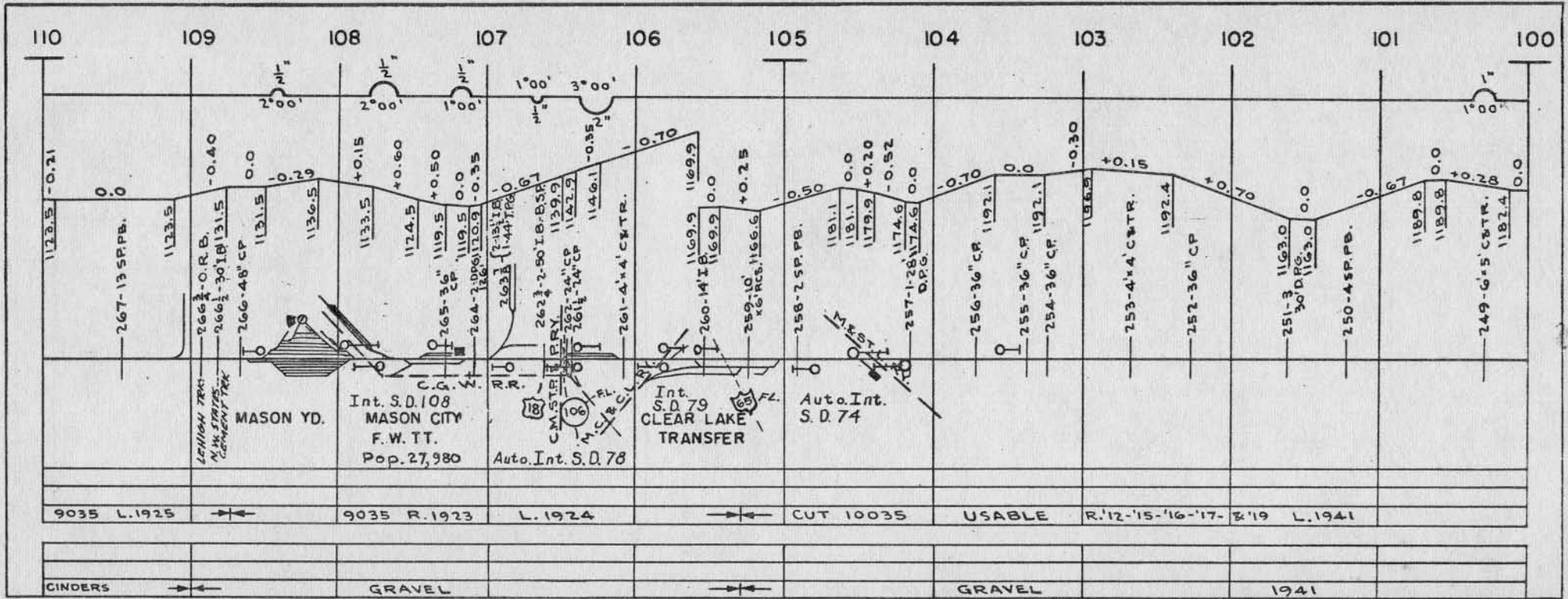
GRAVEL

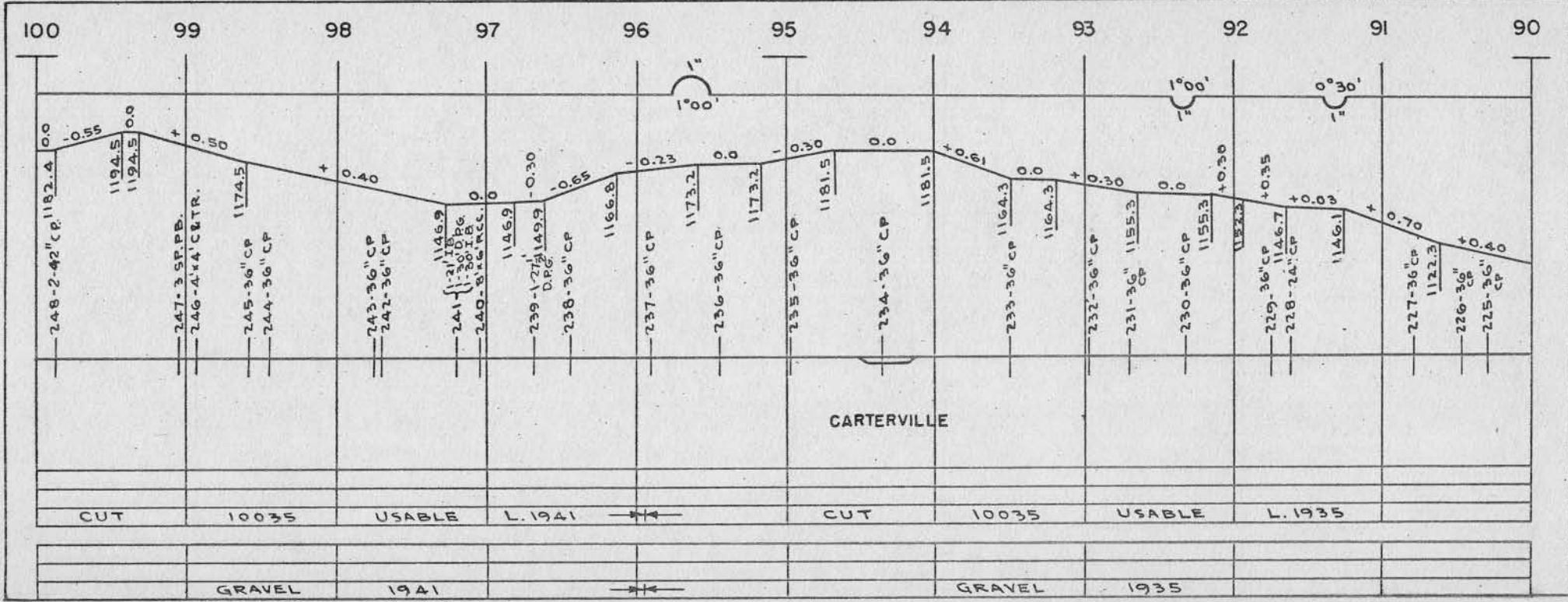
1935

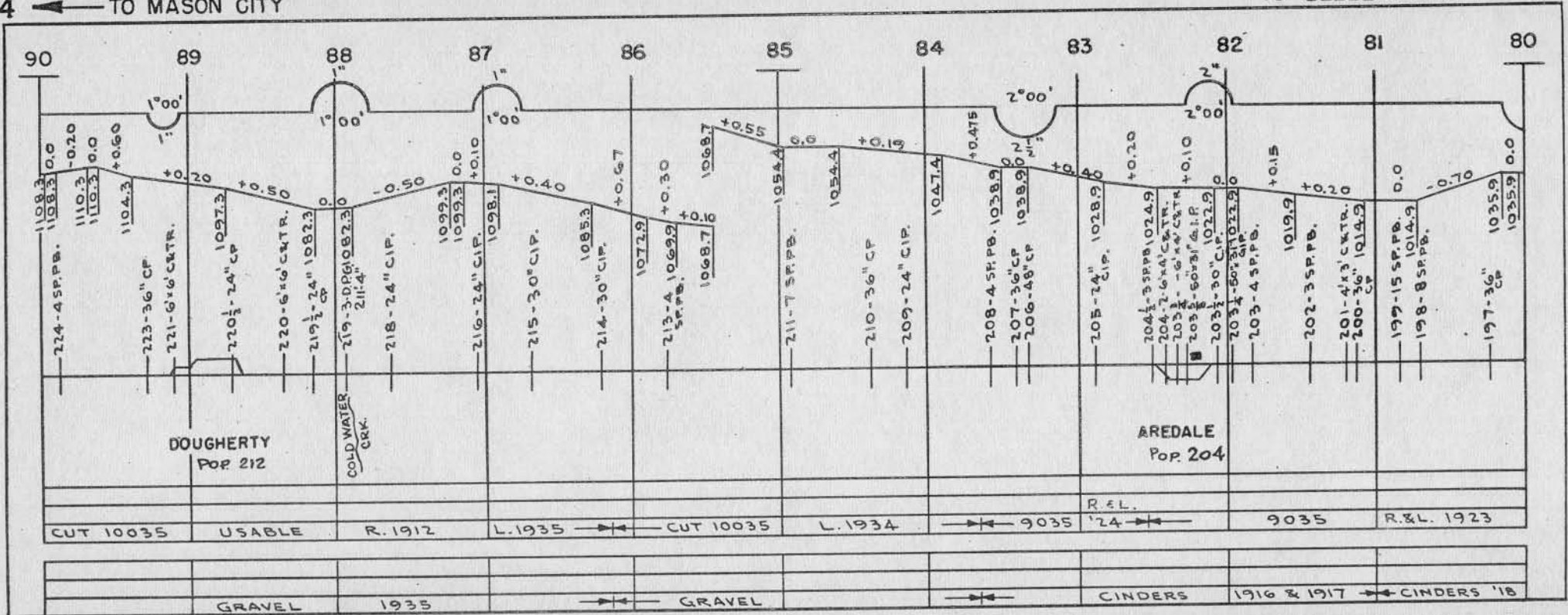


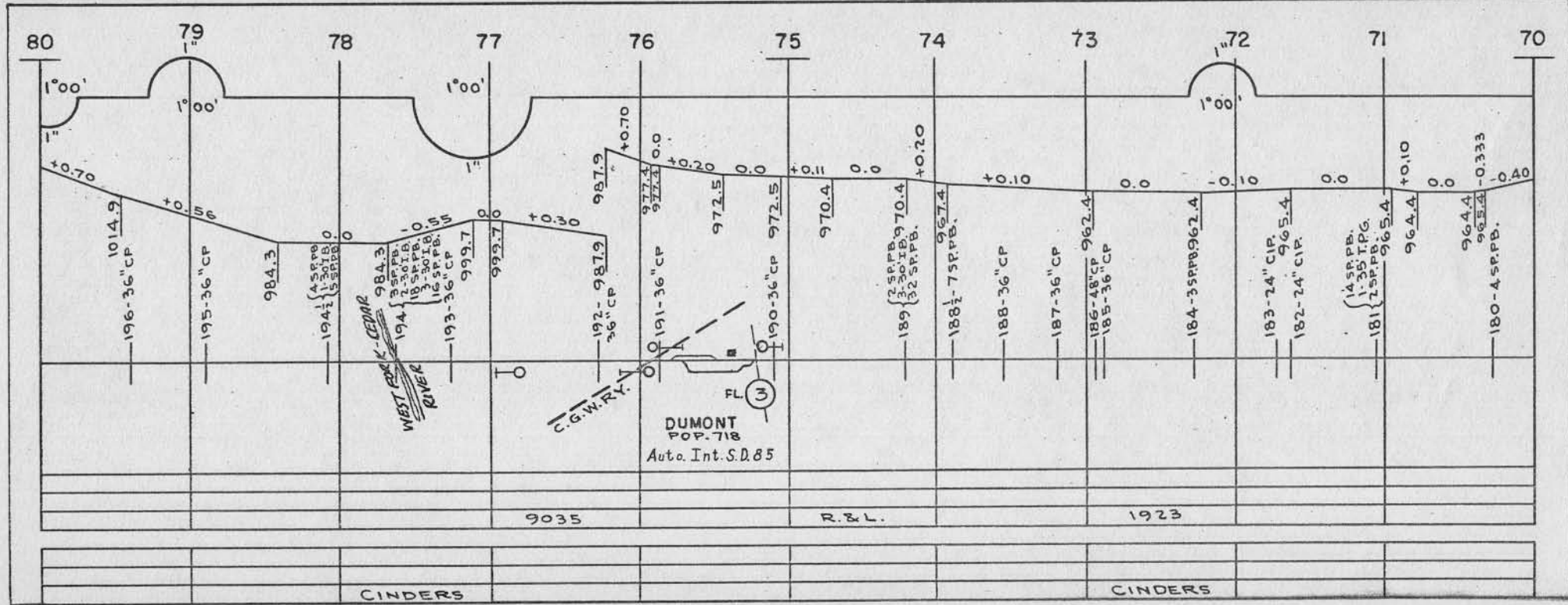


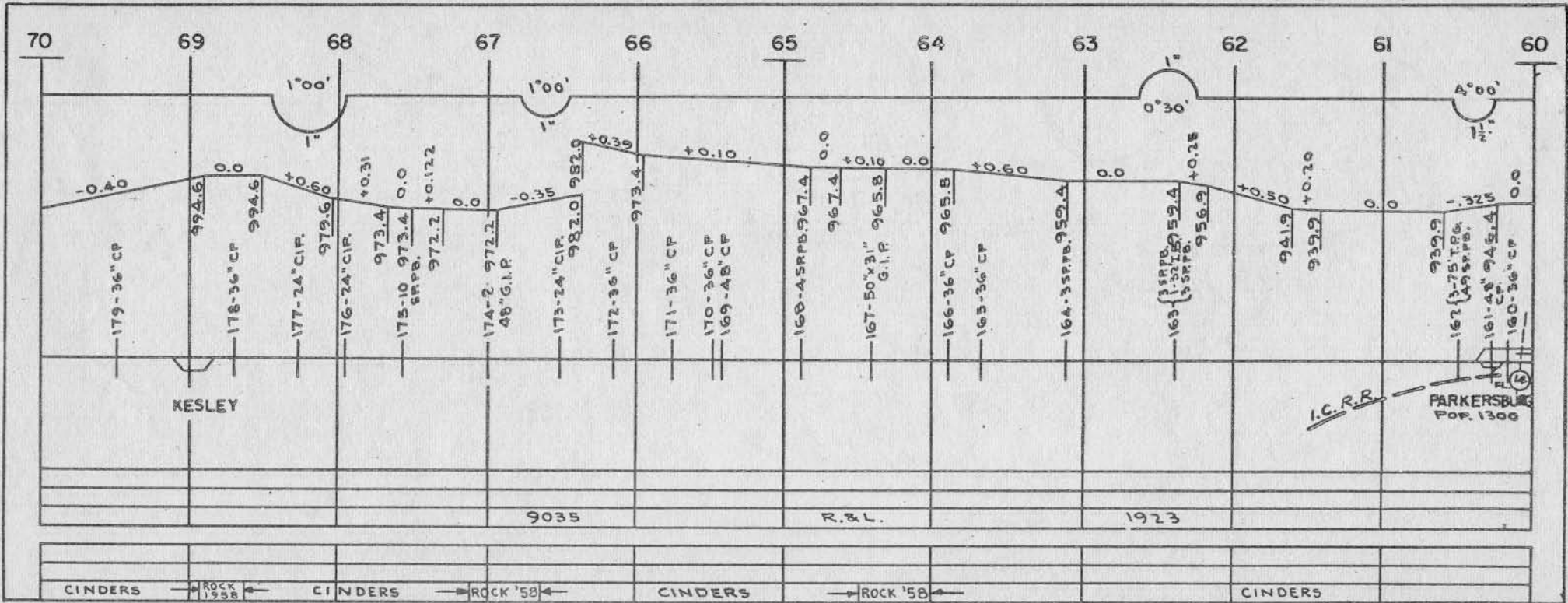


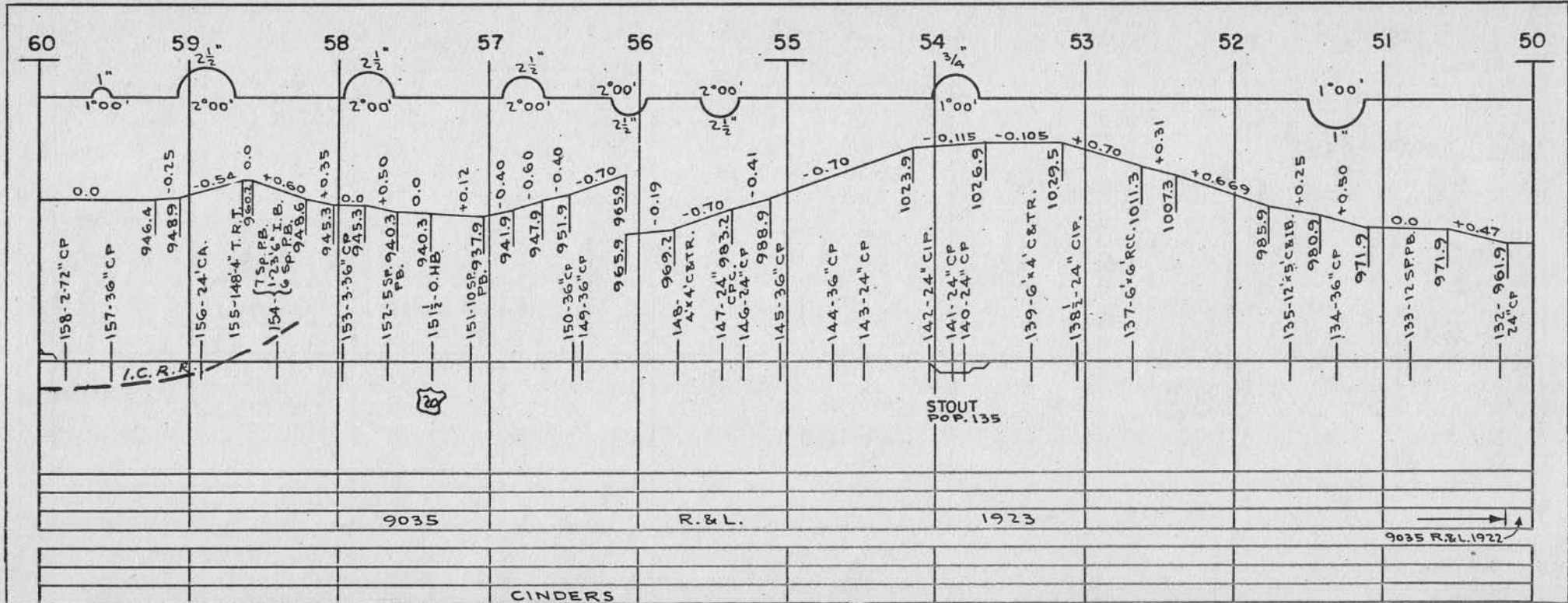


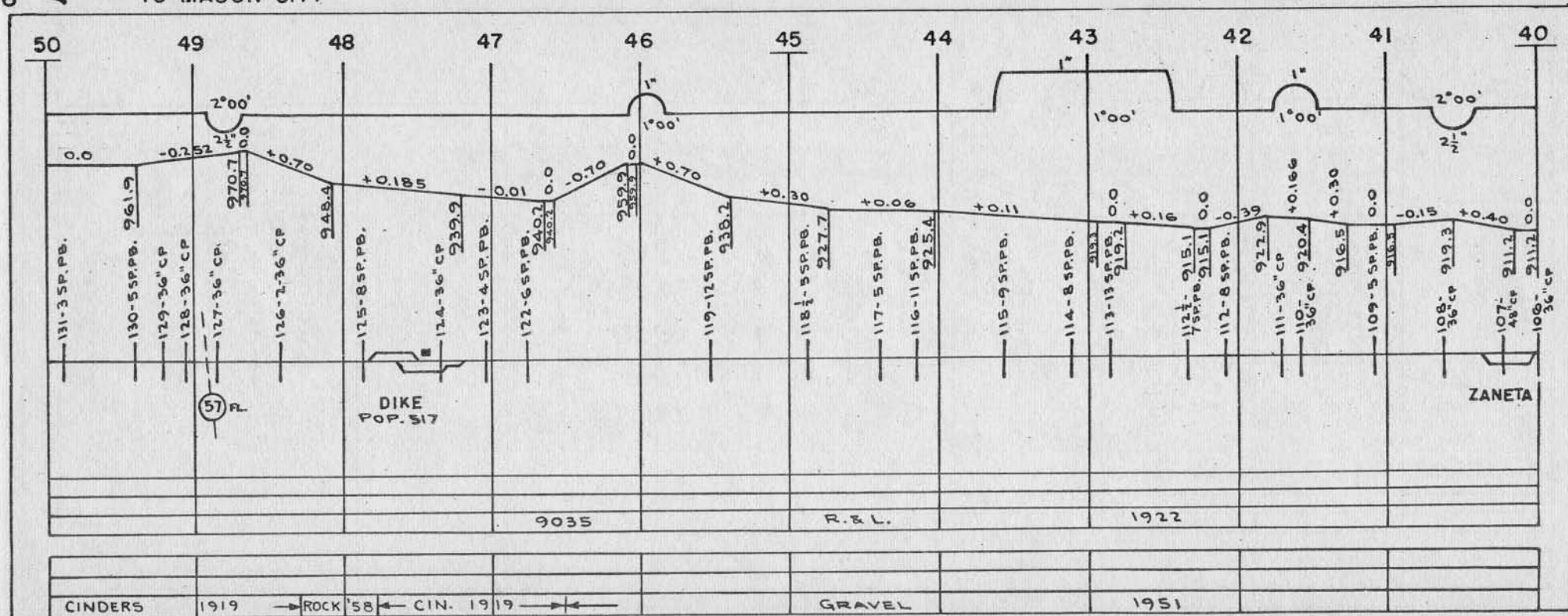


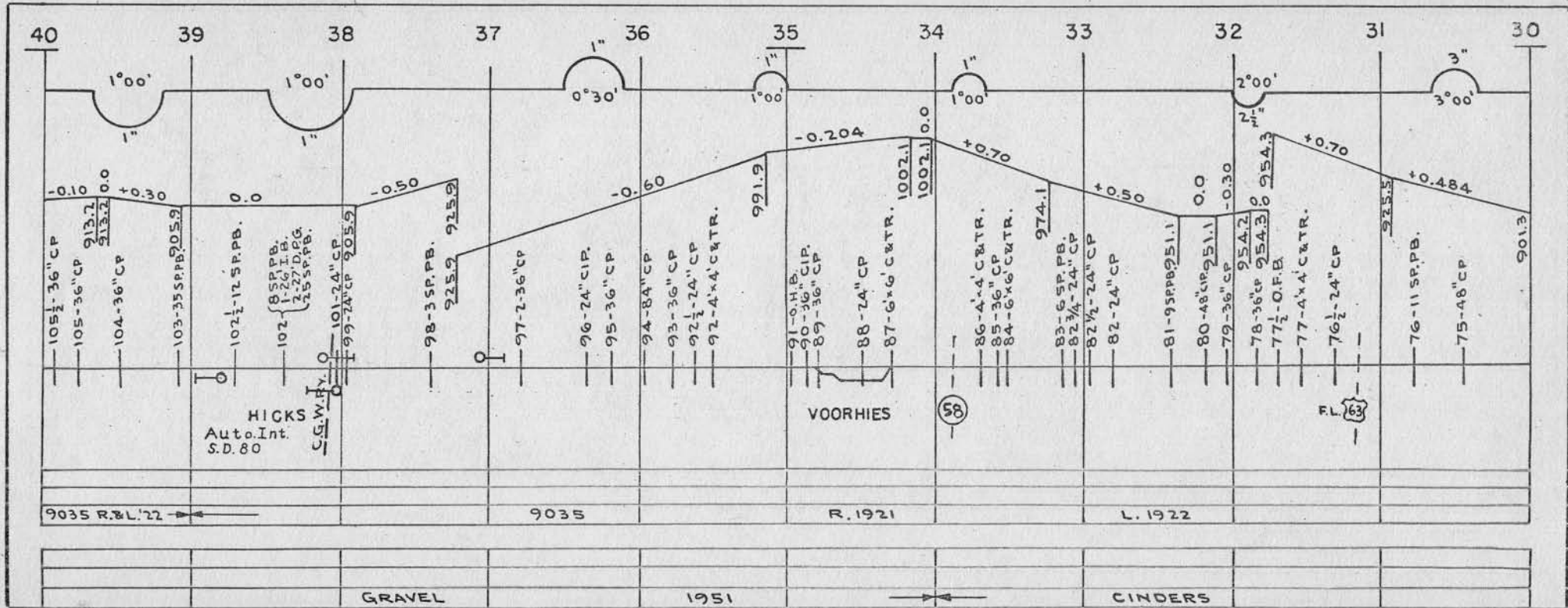


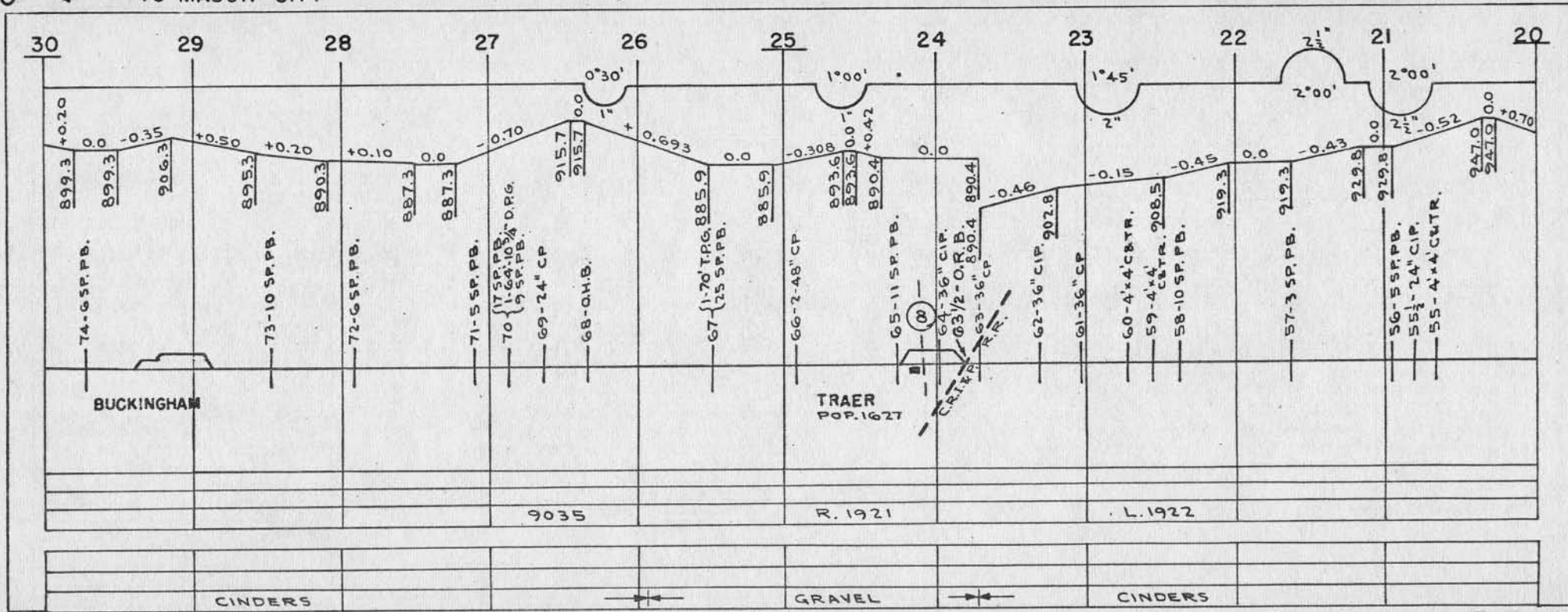












9035

R. 1921

L. 1922

CINDERS

GRAVEL

CINDERS

