

IOWA DIVISION

C.M. ST. P. & P. R. R.

CONDENSED PROFILE

IOWA DIVISION

OFFICE OF CHIEF ENGINEER, CHICAGO, ILL

~~REG. 50014~~ APR. 70

EXPLANATIONS

Miles

Alignment

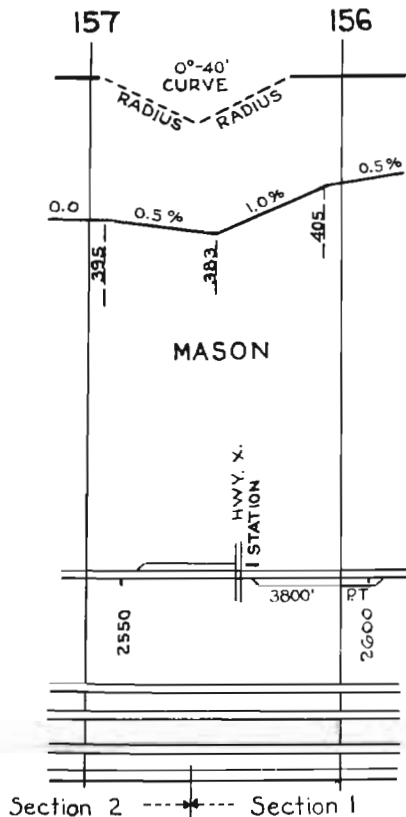
Grade Line

Track Diagram

Rail Charts

Ballast Charts

Section Limits



SCALES

1" = 4000'

1" = 200'

{ Horizontal Scale for Profile,
Alignment, Tracks & Charts.
Vertical Scale for Profile.

Numbers on Grade Lines are % Gradients

Elevations are in feet above sea level for Top of Rail.

Numbers on track diagram (for example 2550 & 2600) indicate Profile Stations.

Bridges shown by over all dimensions.

Culverts shown by inside dimensions.

ABBREVIATIONS

BRIDGES

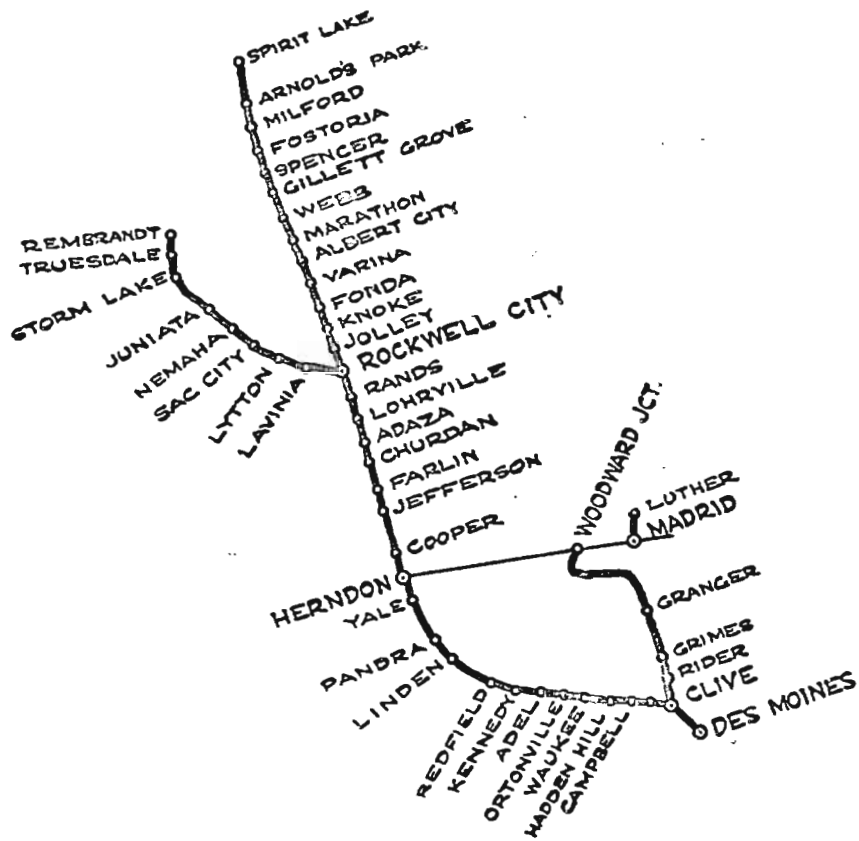
ST. BR.	=	STEEL BRIDGE
GIR.	=	STEEL GIRDER
ARCH	=	CONCRETE ARCH
S. ARCH	=	STONE ARCH
PILE BR.	=	PILE BRIDGE OR TRESTLE
C. PILE BR.	=	CONCRETE PILE BRIDGE
CR. B. D. BR.	=	CREOSOTED BALLAST DECK TRESTLE

CULVERTS

C. CUL.	=	CONCRETE CULVERT
C. P.	=	CONCRETE PIPE CULVERT
C. I. P.	=	CAST IRON PIPE CULVERT
T. CUL.	=	TIMBER CULVERT
VIT. P.	=	VITRIFIED PIPE
COR. P.	=	CORRUGATED IRON PIPE

MISCELLANEOUS

Hwy. X.	=	HIGHWAY CROSSING
F. X.	=	FARM CROSSING
DBL.	=	DOUBLE
SP	=	SPAN
P.T.	=	PASSING TRACK
R R	=	REROLLED RAIL

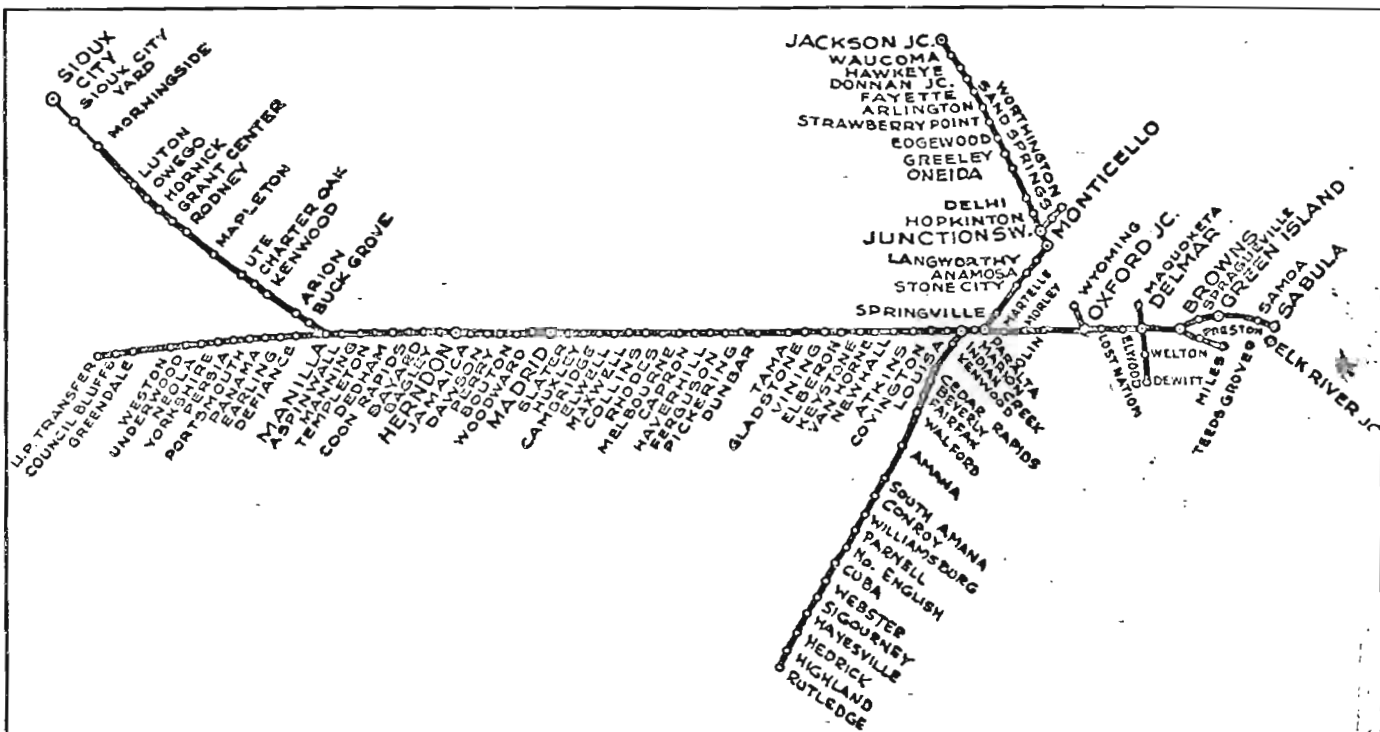


STATION INDEX

STATION	PAGE	STATION	PAGE	STATION	PAGE	STATION	PAGE
Adaza	38	Hadden Hill	52	Milford	18	Waukee	51
Adel	50	(Manleyville)	6			Webb	26
Albert City	29	Herndon	44			(Winklemans)	42
Arnolds Park	18			Nemaha	11	Woodward Jct.	4-B
						Yale	45
		(Ingersoll)	7	(Okoboji)	18		
				Ortonville	51		
(Caldwells)	47	Jefferson	41				
(Campbell)	52	Jolley	34	Panora	46		
Churdan	39	Juniata	10				
Clive	8-53			Rands	36		
Cooper	43			Redfield	48		
(Coaldale)	54	Kennedy	49	Rider	8		
(Dallas Mine Sw.)	5	Knoke	33	Rockwell City	16-35		
Des Moines	54			Rembrandt	8-B		
		(Lakeside)	9				
Farlin	40	Lavinia	15	Sac City	13		
Fonda	32	Linden	47	Spencer	21-23		
Fostoria	20	Lohrville	37	Spirit Lake	17		
		Luther	3	Storm Lake	9-8-D		
		Lytton	14	(Summit)	45		
				(So. Woodward)	4-B		
				Truesdale	8-C		
Gillette Grove	25			Varina	31		
Granger	6	Madrid	4				
Grimes	7	Marathon	28				

NOTE:

STATIONS SHOWN IN ()
NO LONGER LISTED IN TIME TABLE.



STATION INDEX

STATION	PAGE	STATION	PAGE	STATION	PAGE	STATION	PAGE	STATION	PAGE	STATION	PAGE
Anamosa	92	Delhi	87	Hornick	104	Miles	96	Samoa	186	Wyoming	67
Arlington	80	Delmar	61-179	Huxley	147	Monticello	70-90	Sand Springs	72	Yorkshire	123
Aspinwall	131	Dewitt	64	Indian Creek	168	Morley	172	Sioux City	99		
Arion	114			(Midway)	160	Morningside	99	Slater	146		
Atkins	166	Donnan	77	Jackson Jct.	73	Neola	121-122	(Spragueville)	182		
(Astor)	129	Dunbar	156	Jamaica	140	Newhall	165	Springville	94		
Bagley	138	Duke	148	Junction Sw. 72-85		Stone City	93	Strawby Point	82		
Bayard	137	Earling	127	Kenwood	112	Tama	158				
		Edgewood	83	(Kenwood Park) S		(Teeds Grove)	97				
Bouton	143	Elberon	161	Keystone	162	Templeton	133				
Browns	95-181	Elk River Jct.	98	Olin	174	Oxford Jct.	66-176				
Buck Grove	115	Elwood	178	Oneida	85	Owego	103				
				Paralta	94-170	Panama	126				
Cambridge	148			Park	S	Paralta	S				
Charter Oak	111			Luton	101	Perry	141-142				
Cedar Rapids	R			Mapleton	108	Persia	123				
				Madrid	145	Pickering	155				
(Chautauqua)	118			Manilla	116-129	Portsmouth	125				
				Manning	132	(Potter)	157				
Collins	150			Maquoketa	60	Preston	96				
Coon Rapids	136			Marion	S-169	Waucoma	74				
Council Bluffs	117			Martelle	171	Welton	63				
(Covington)	167					Weston	119				
						(Riggs)	186				
Dawson	140					Rhodes	151				
Dedham	134					Rodney	106				
Defiance	128					Woodward	144				
(Delaware)	86					Worthington	71				

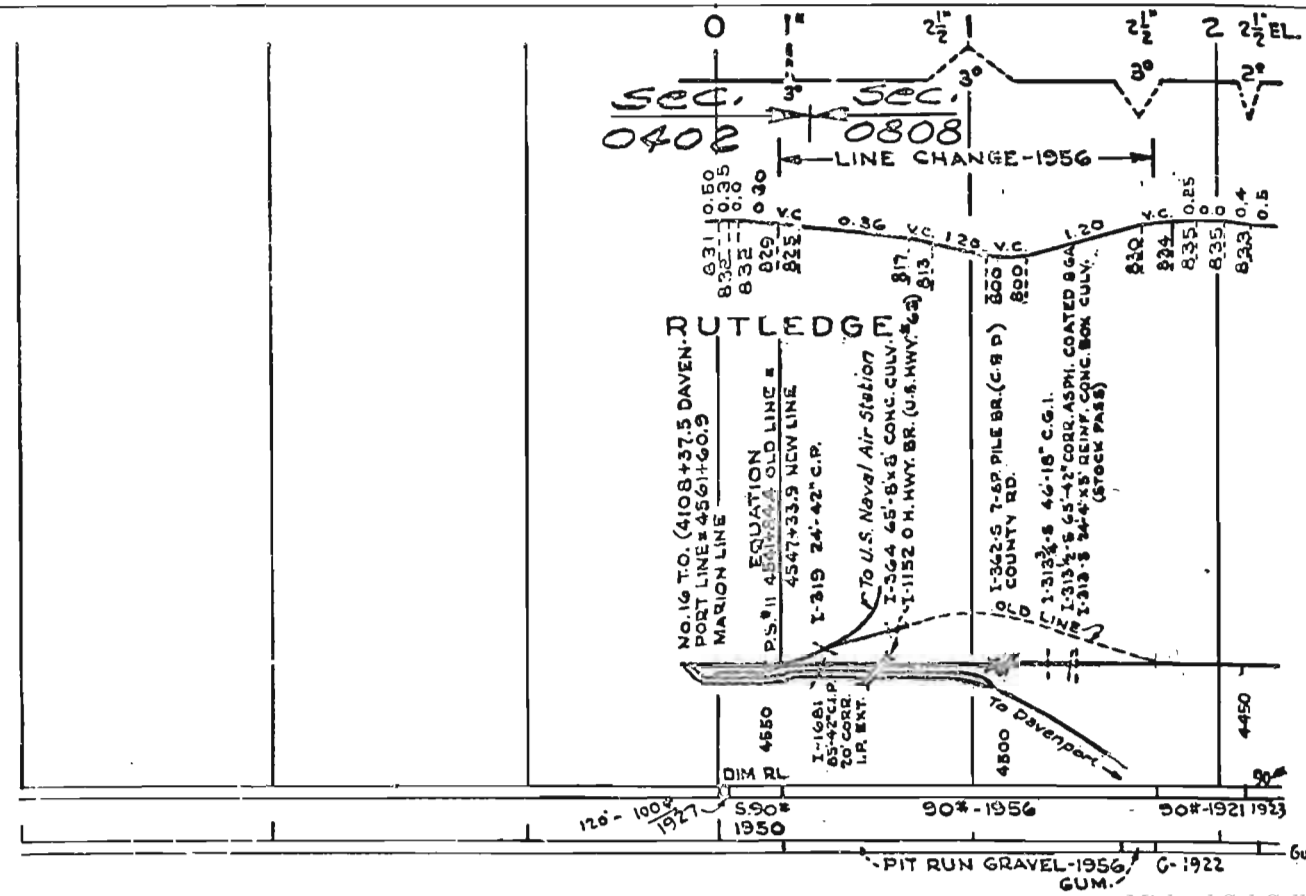
CEDAR RAPIDS

TO

RUTLEDGE

Amana	.....N
Beverly	.....Q
Cedar Rapids	.....R
Conroy	.....M
(Cuba)	.....H
(East Amana)	.....O
Fairfax	.....Q
Hayesville	.....E
Kedrick	.....C
Highland	.....B
(Middle Amana)	.....N
North English	.....I
Parnell	.....J
Rutledge	.....A
Sigourney	.....F
South Amana	.....M
Verz	.....R
(Viola)	.....93
Walford	.....P
Webster	.....H
Williamsburg	.....K
(Park)	.....S

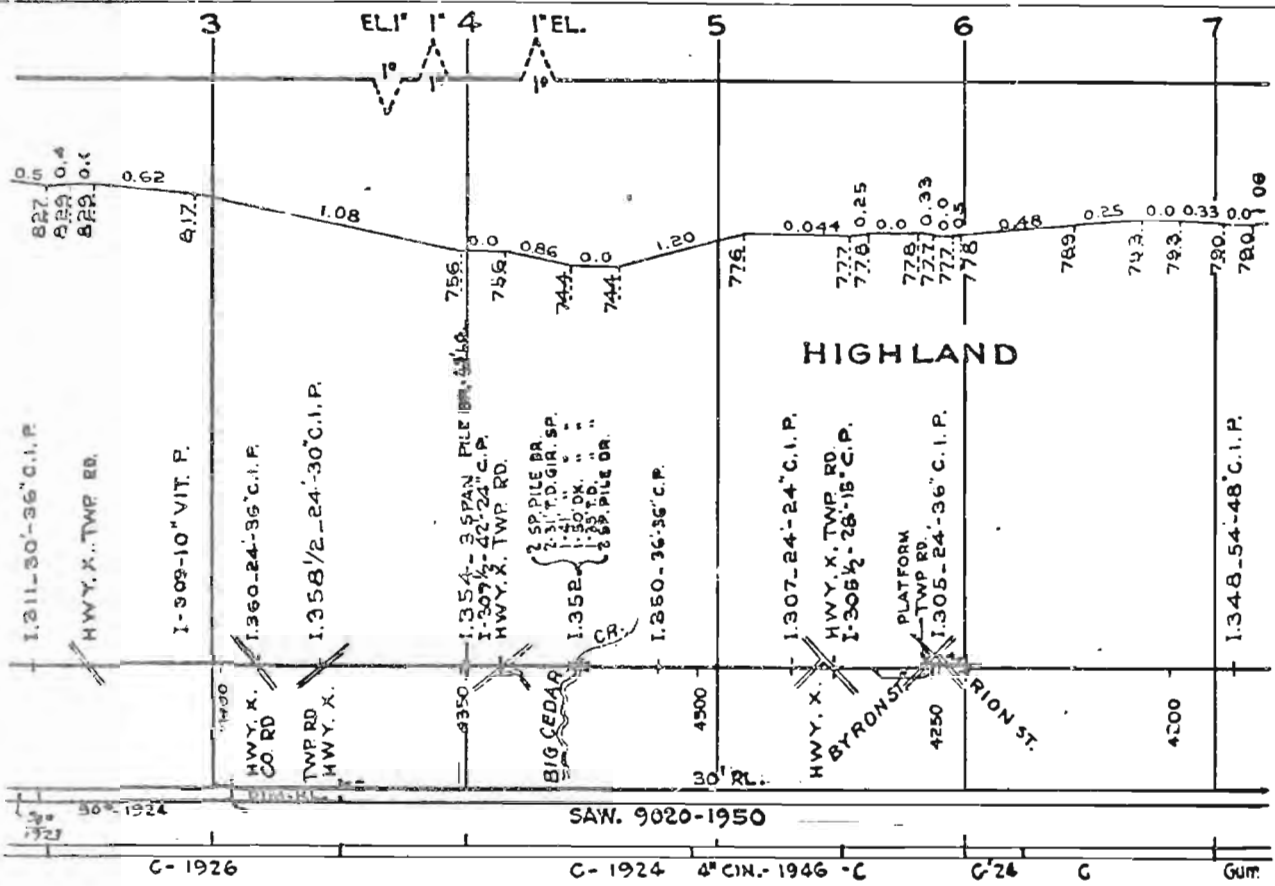
NOTE: STATIONS SHOWN
IN () NO LONGER
LISTED ON TIME TABLE.

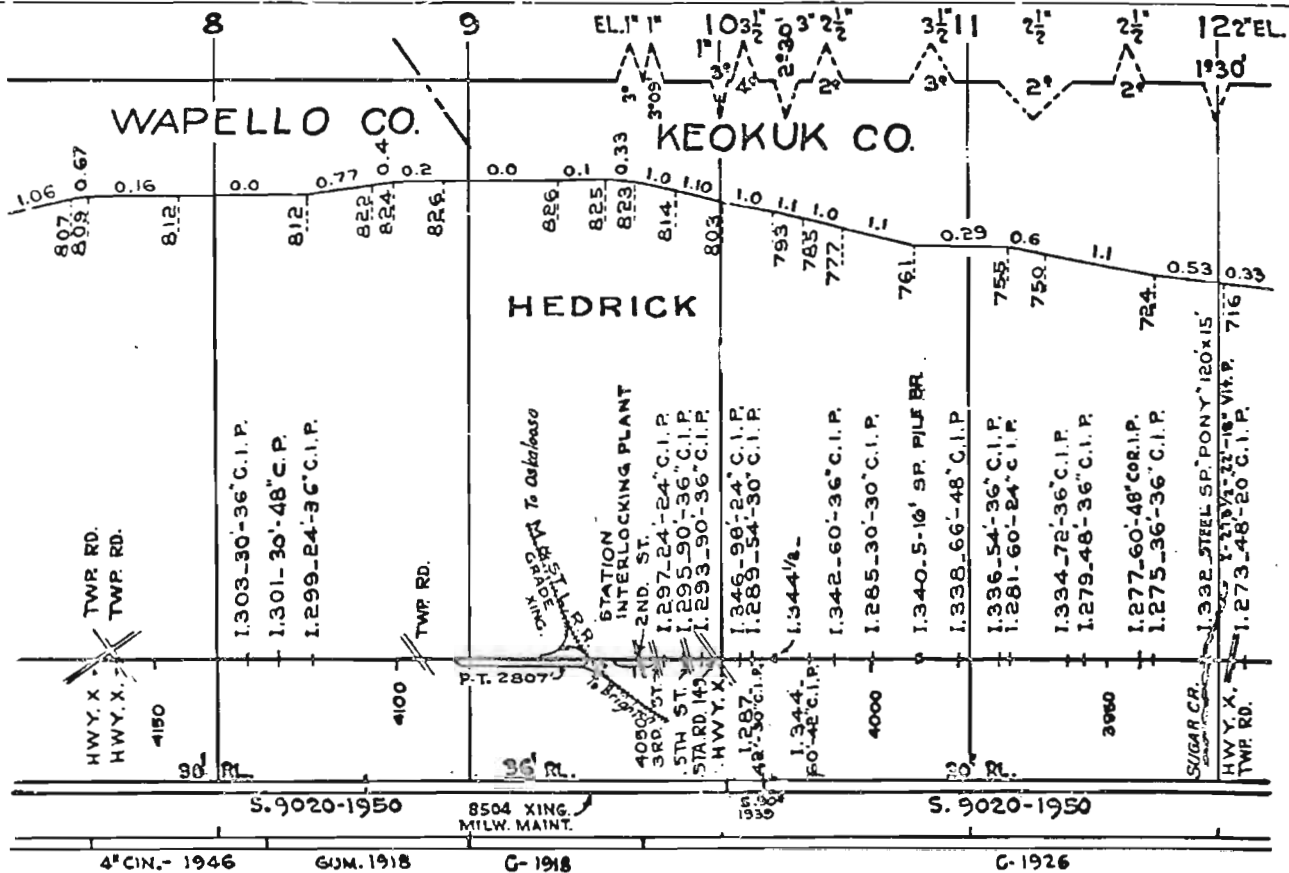


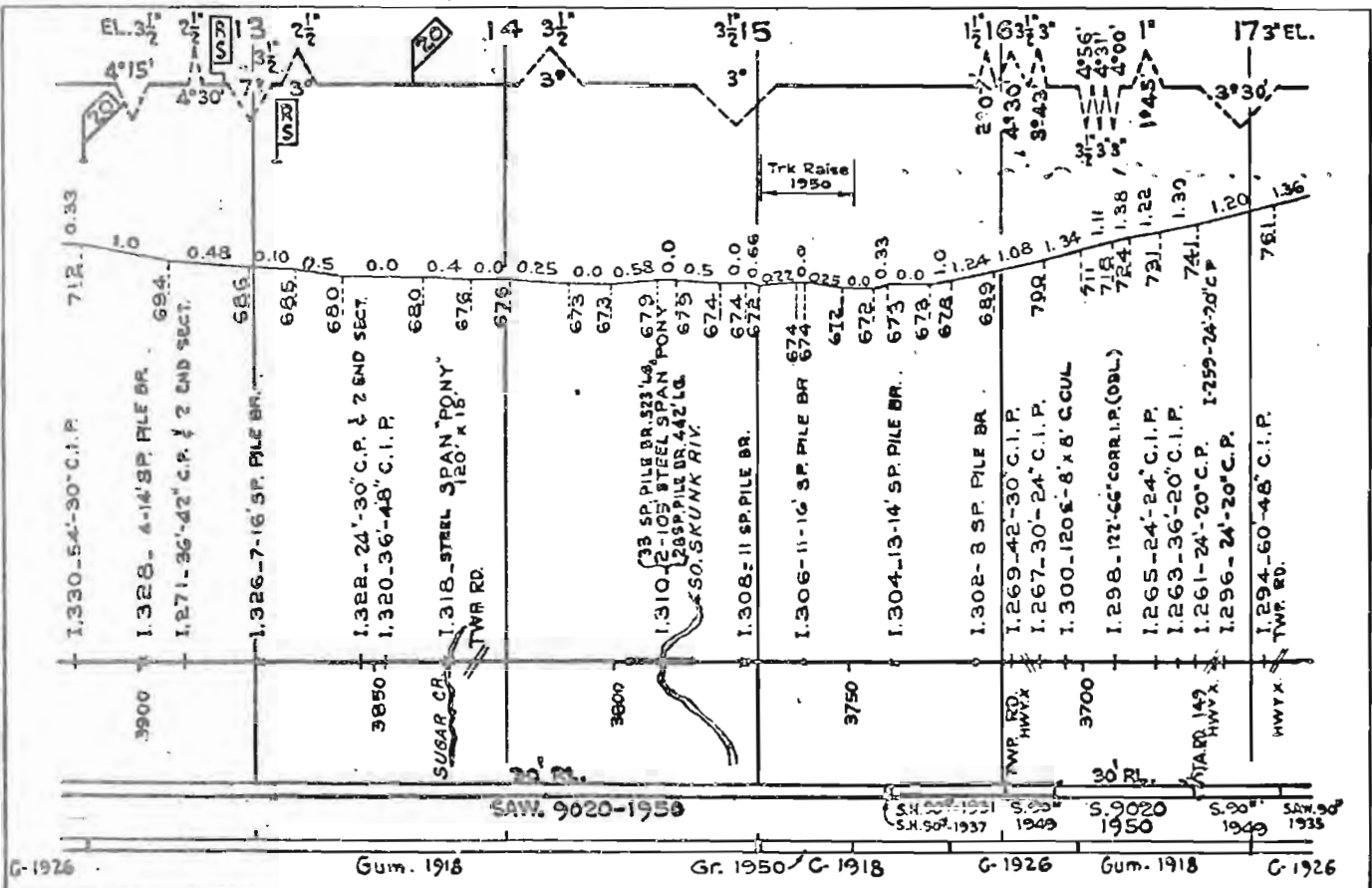
MARION LINE--MARION TO RUTLEDGE, IA. A

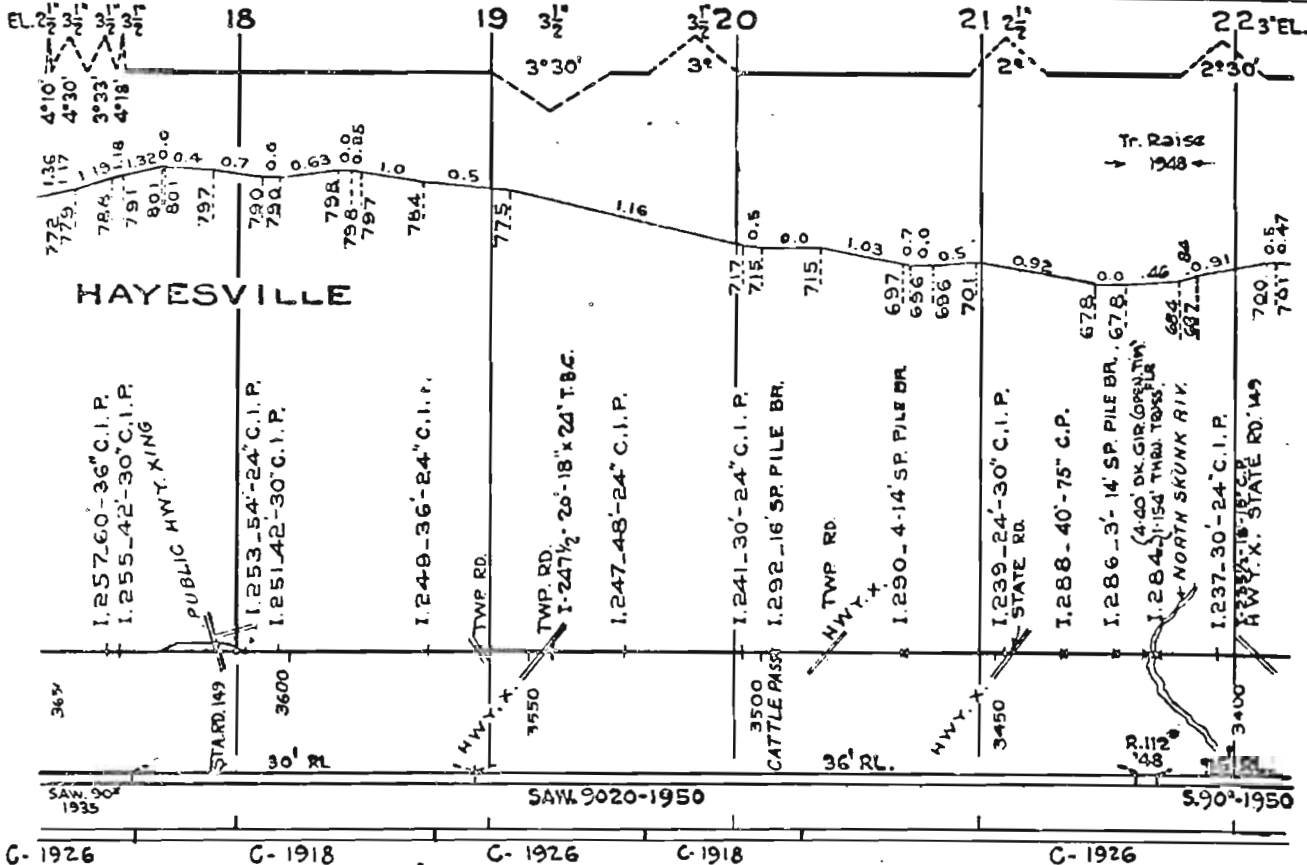
PIT RUN GRAVEL-1956 GUM. C-1922 GUM.

B









1.282 1/8 - 34'-75" C.P.
1.235 - 66'-30" C.I.P.
1.282 - 126'-6" x 6" C.CUL.

1.233 - 66'-36" C.I.P.

1.280 - 48'-30" C.I.P.

332 1/2 - 304
I-229 1/2 - 24" C.P.
I-229 1/2 - 36" C.I.P.
I-278 - 50" GIRDER
I-276 - 1" x 33" GIRDER
I-229 - 36" x 24" C.I.P.

3300
SIME RD. 2

STUY STATION

I-227 1/8 - 60'-24"
I-274 - 120'-48" C.C.P.
I-227 1/2 - 42'-30" C.R.

1.227 - 60'-20" C.I.P.

1.225 - 48'-24" C.I.P.

1.223 - 66'-30" C.I.P.

1.221 - 48'-24" C.I.P.

1.219 - 48'-30" C.I.P.

1.217 - 42'-36" C.I.P.

1.215 - 36'-30" C.I.P.

1.213 1/2 - 2-10'-22" O.T.B.C. (Cree.)

1.272 - 10'-14" SP. PILE BR.

1.270 - 48'-6" x 6" ARCH

TWP. RD.

1.213 - 30'-24" C.I.P.

1.211 3/4 - 42'-20" C.P.

1.211 1/2 - 42" C.P.

1.268 - 75' GIRDER

S. 9020-1950

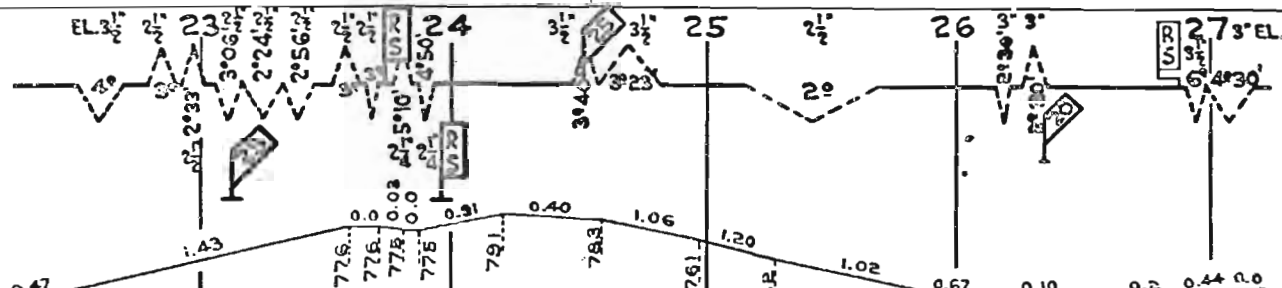
S. 901339

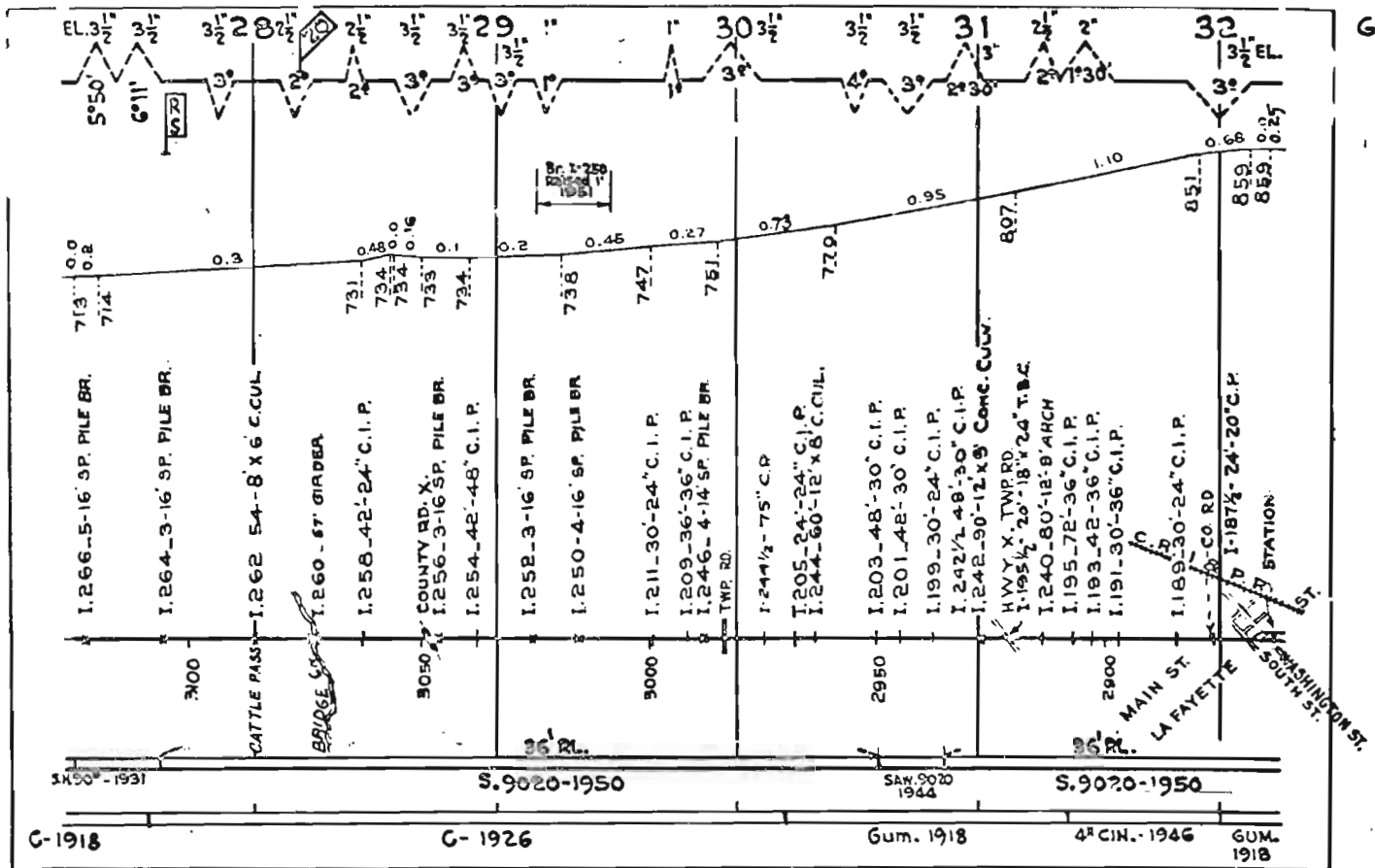
S. 9020-1950

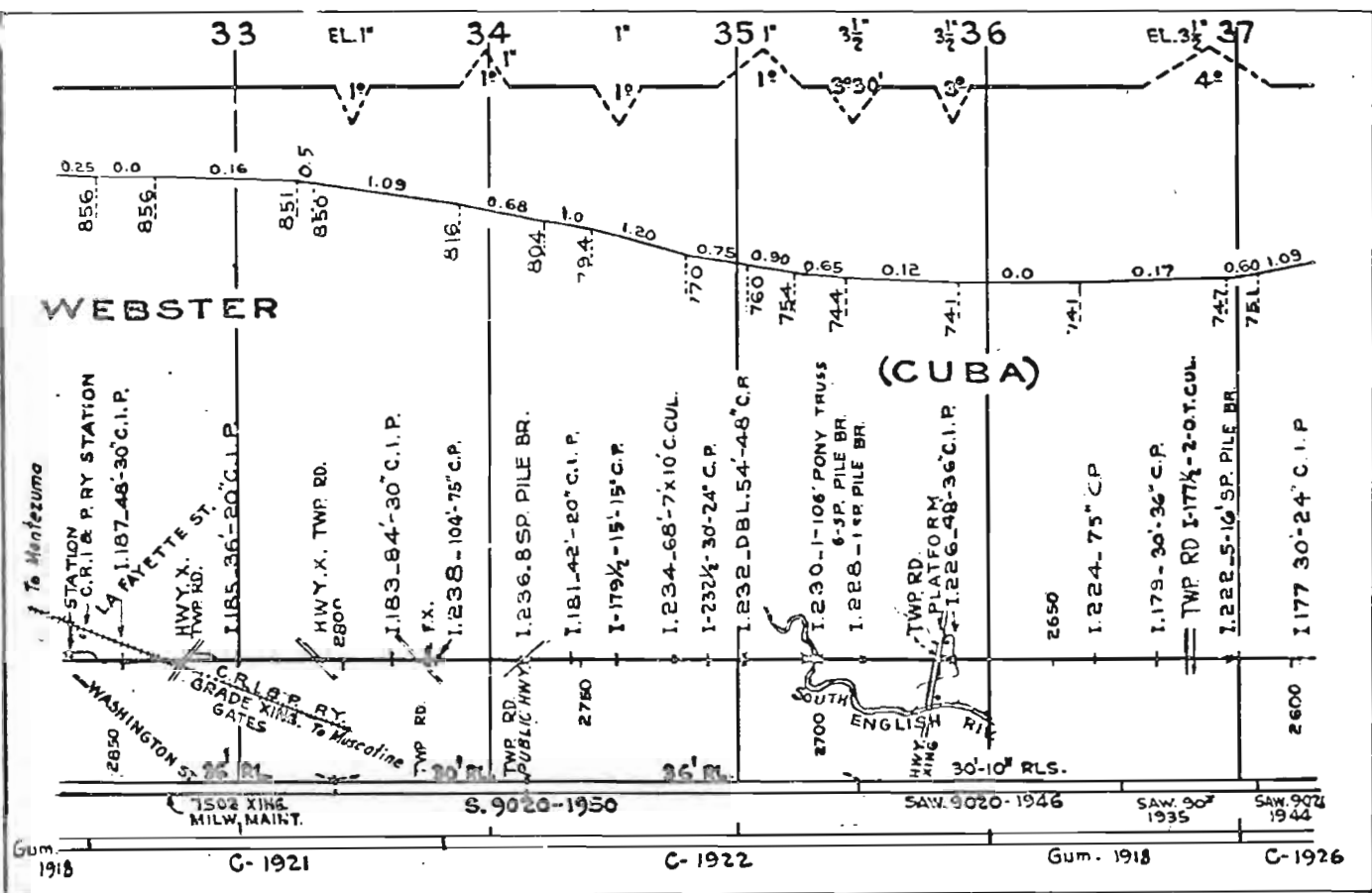
C-1926

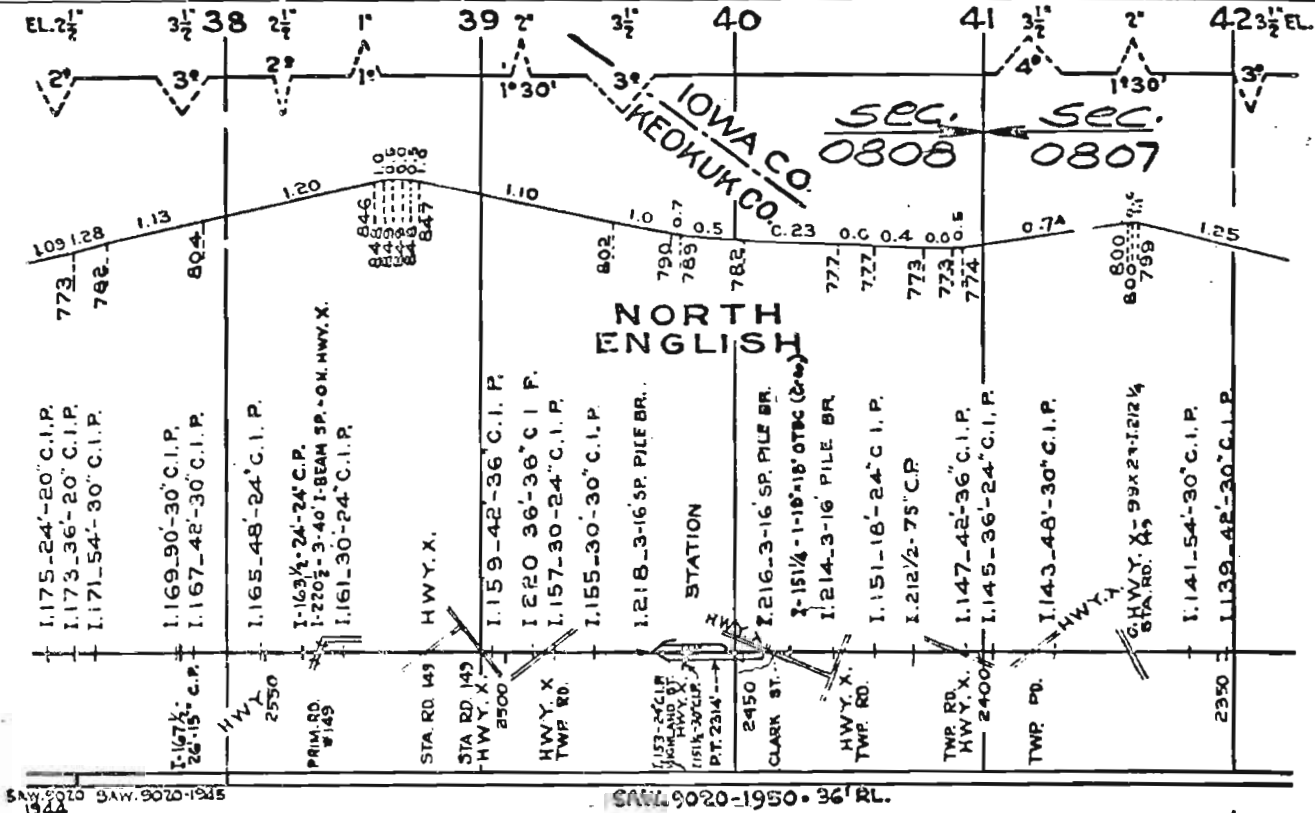
C-1918

SIGOURNEY









Gun. 1918

EL. 3 $\frac{1}{2}$ ' 43

3 $\frac{1}{2}$ ' 44

3 $\frac{1}{2}$ '

3 $\frac{1}{2}$ ' 45

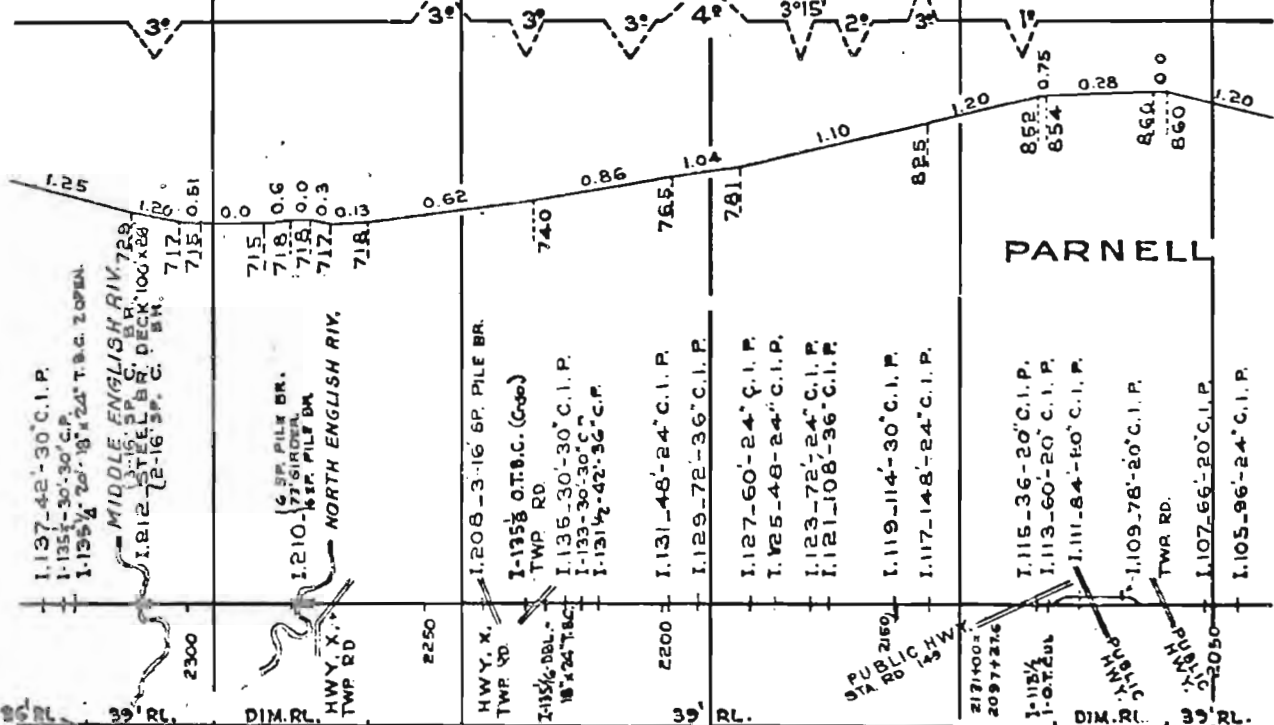
3 $\frac{1}{2}$ '

2 $\frac{1}{2}$ '

3 $\frac{1}{2}$ ' 46

REL.

47



PARNELL

39' RL.
3904
1950

39' RL.

DIM. RL.

HWY. X.
TWP RD

39' RL.

PUBLIC STA 2160
RD
1/3 HWY

DIM. RL.

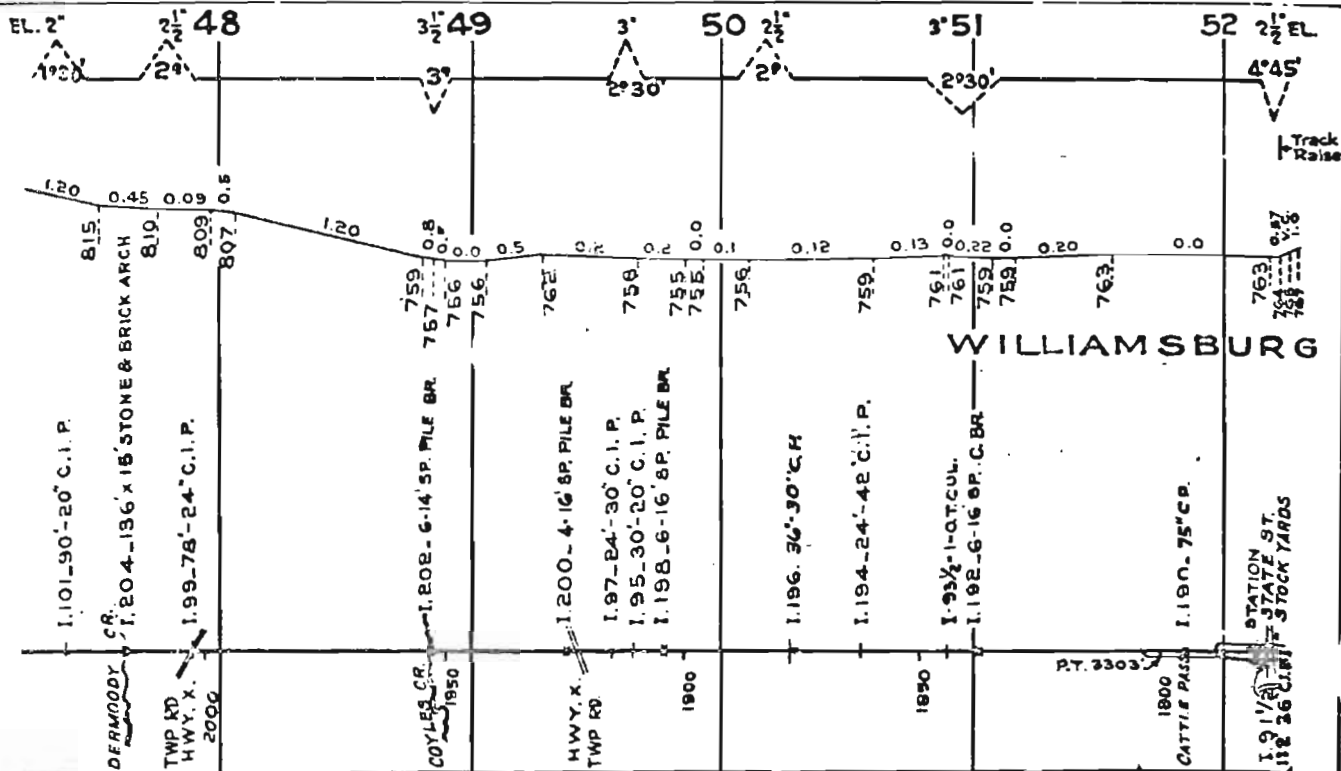
39' RL.

REL. 11225-1948

Gum. 1918

G-1926

Gum. 1918



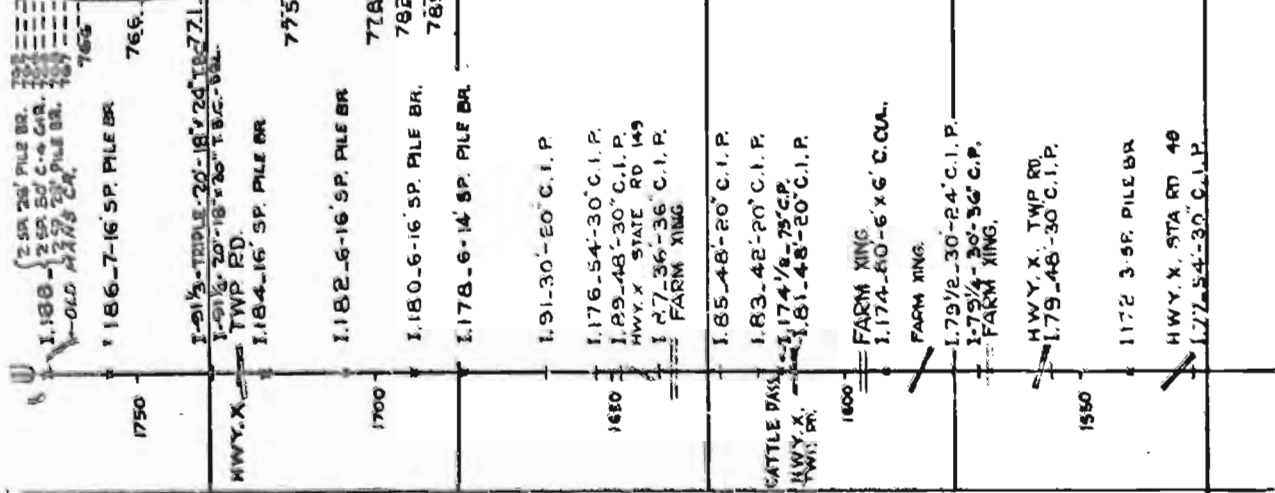
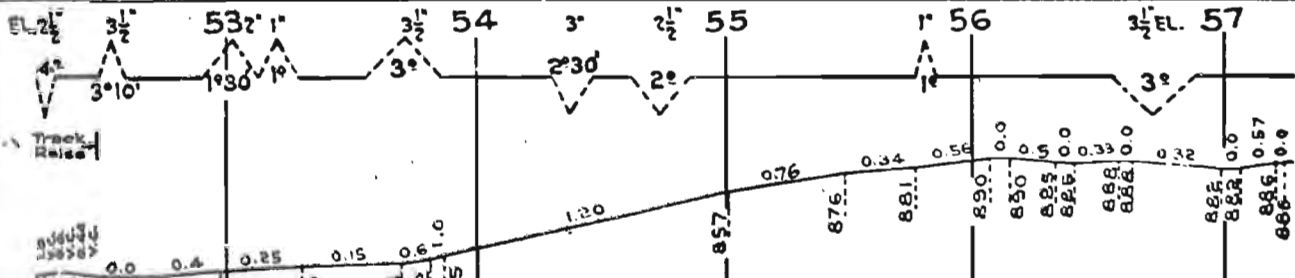
WILLIAMSBURG

REL. 11225-1948
39' RL.

DIM. RL.

Gum. 1918

Gr. 1950

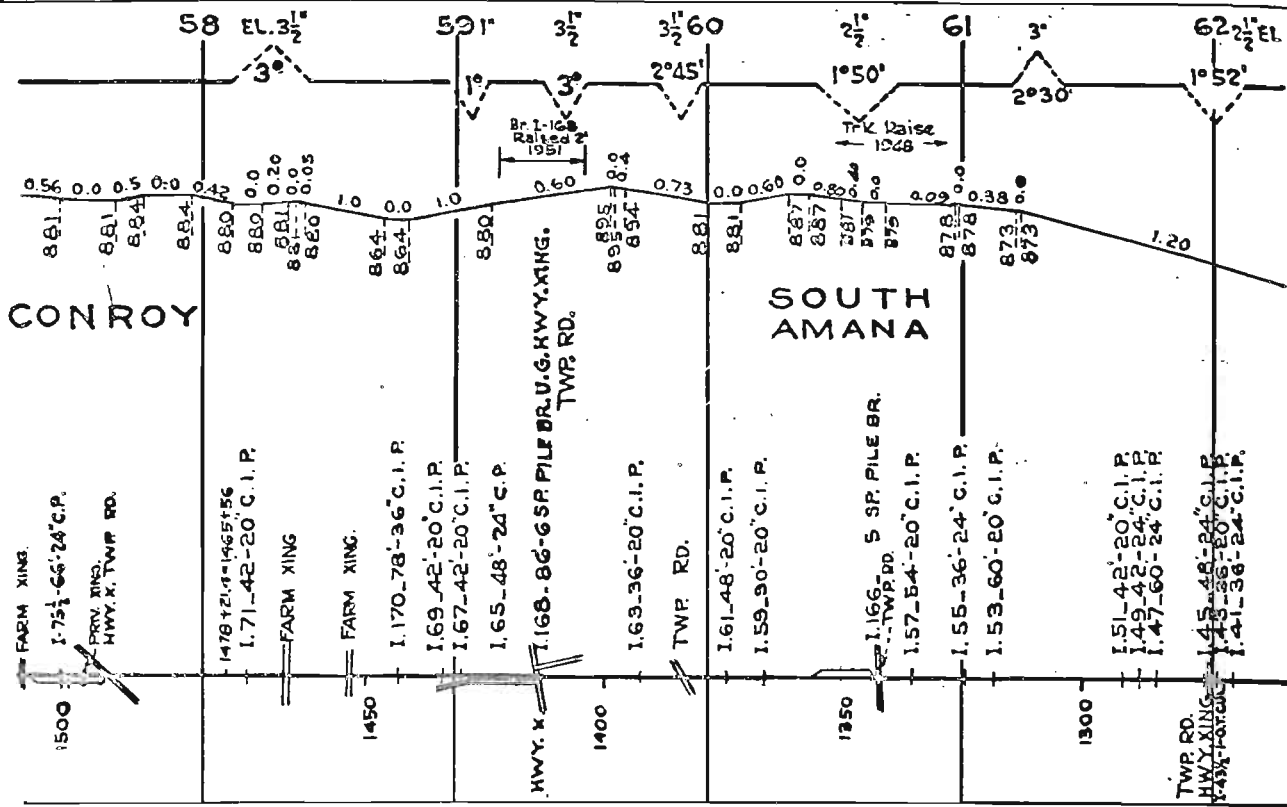


REL. 1925-1948
39' PL.

GR. 1950 Gum. 1918 C-1922 Gum. 1918 C-1922 Gum. 1918

CON ROY

SOUTH AMANA



REL. 11225-1948 (39' RLS.)

Gum. 1918

C-1918

1.164-96-48 C.I.P.

1250

CATTLE PASS
HWY. X.
TWR. RN.

1-9 1/2-10' CULV. I.160-75' C.P.

1-158-24-30' C.I.P.

1200 I.156-19R PILE BR (B.D.)

I.154-36-75' C.P. I.E.S.

USH. 76. Gravel I.152 OM HWY. KING.

245 x 19" I-150 CRIPER BY O.H. KING
GIRDERS
TOWER
C.R. 16' HWY
----- 6'4" x 45' CONC. BOX CUL.

I.146-4-16' SP. C.BR.

1150
GLOUGH

OLD
CHANNEL I.144-6-16' SP. C.BR. OPEN FL
9-SP. PILE BR.

IGWA
RIVER I.142 (2-50' SP. GIRDER
I-104 SP. PONY
I.140-5.5R PILE BR

1100 P.X. I.136-7.5P PILE BR (C.B.D.)
SPUR TO REFRIG. PLANT

1080 I.132-7-14' SP. PILE BR.

P.T. 1894 HWY. X. - S.T.M. 149

I.130-30-30' C.I.P.

1000 STATION
STA. RD 100
HOMESTEAD ROAD
I.128-12-14' SP. PILE BR.

REL. 11225-1948
39' RL.

S.H. 507-1931

SAW. 9320-1943-30'-10" RLS.

SAW. 9318
1944

REL. 11225-1948
39' RL.

C-1918

C-1918

Gum. 1918

(MIDDLE
AMANA)

AMANA

63

EL. 317
3.0

64

65

3 1/2
3.0

66

67

3 1/2
3.0
FL.

1.20

772

0.22

753

1.0

722
721

0.5

0.0

723
723

0.5

0.0

0.0

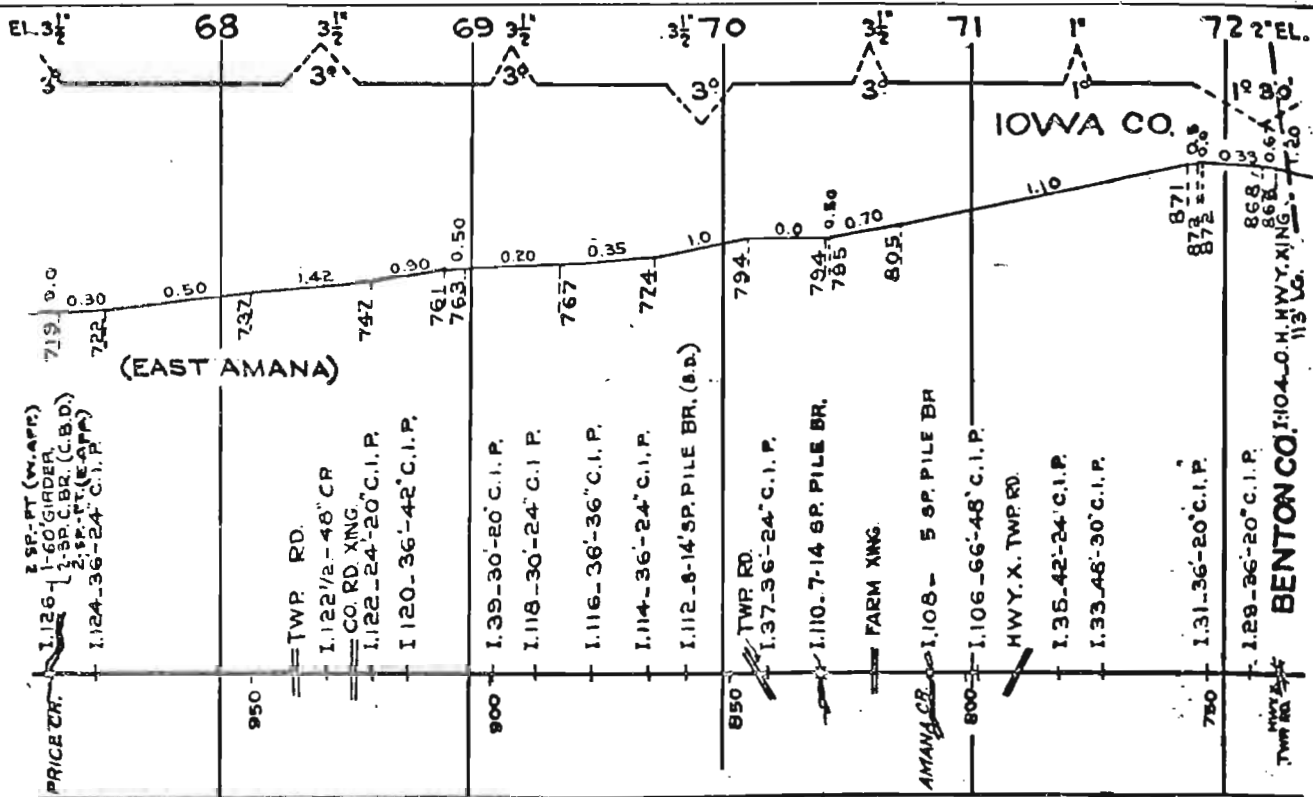
0.05

720

0.03

0.0

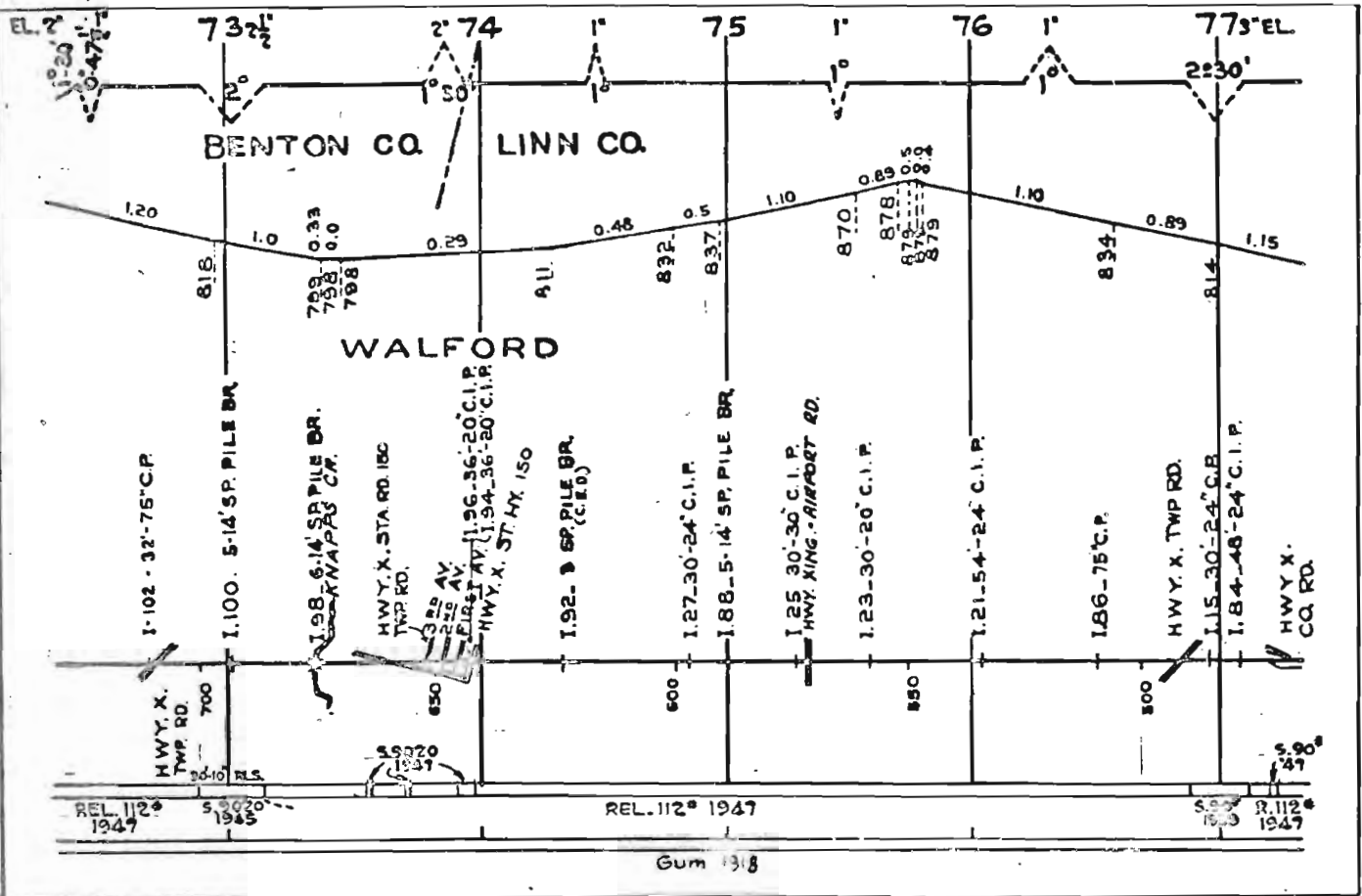
712



REL 11225-1948 (39' RLS)

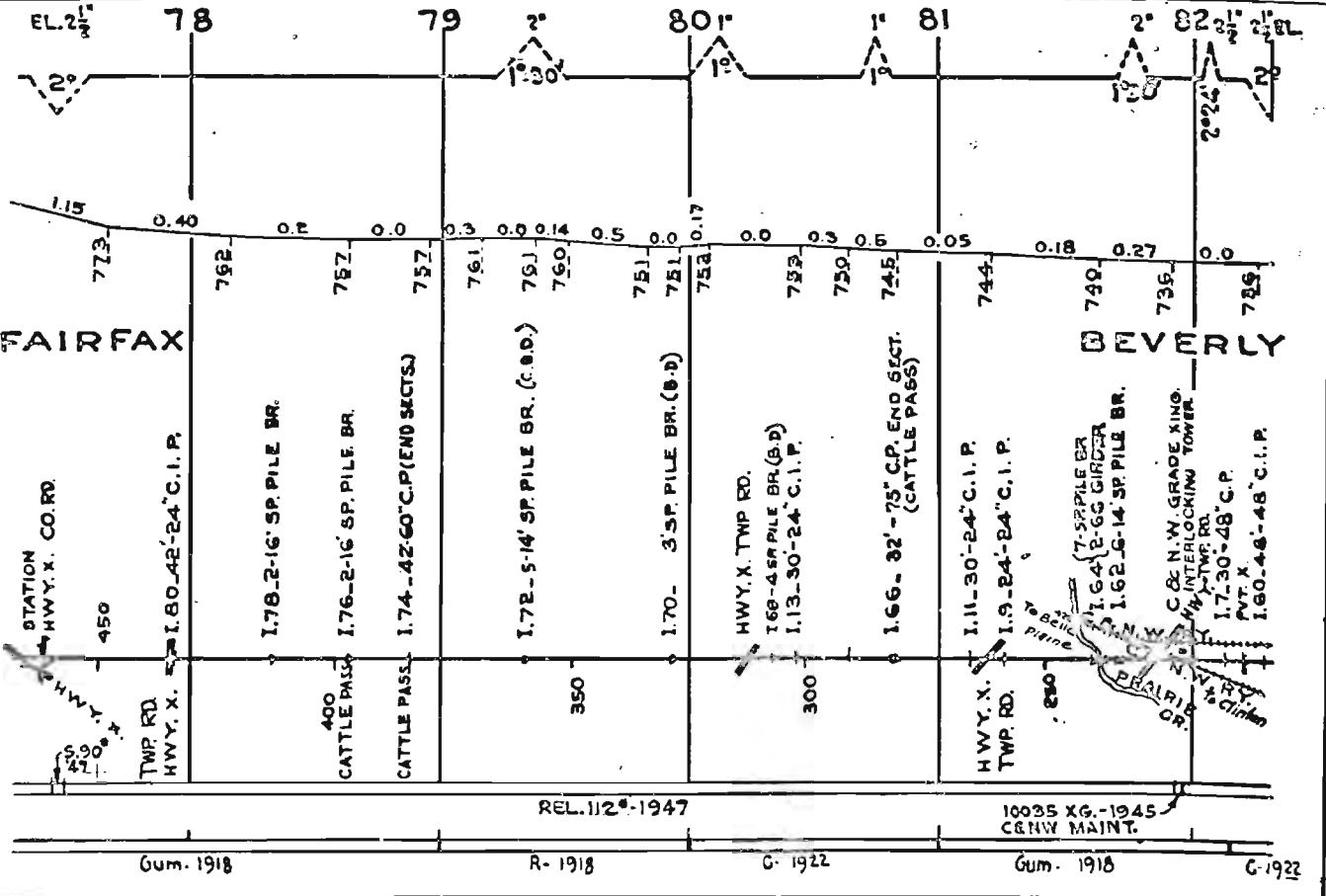
REL 112* 1947

Gum. 1918



FAIRFAX

EVERLY



REL. 112 - 1947

10035 XG. - 1945
C&NW MAINT.

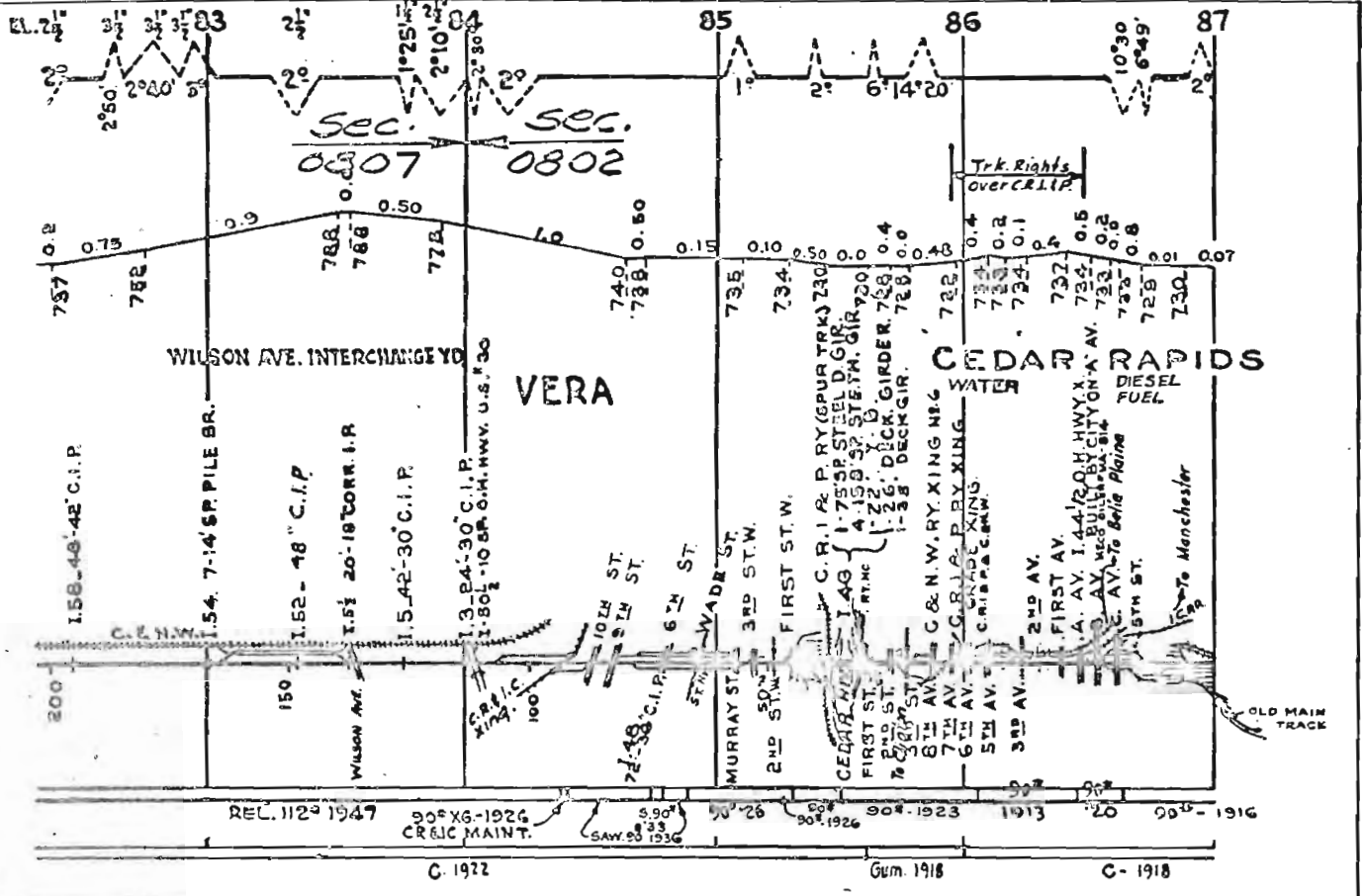
Gum. 1918

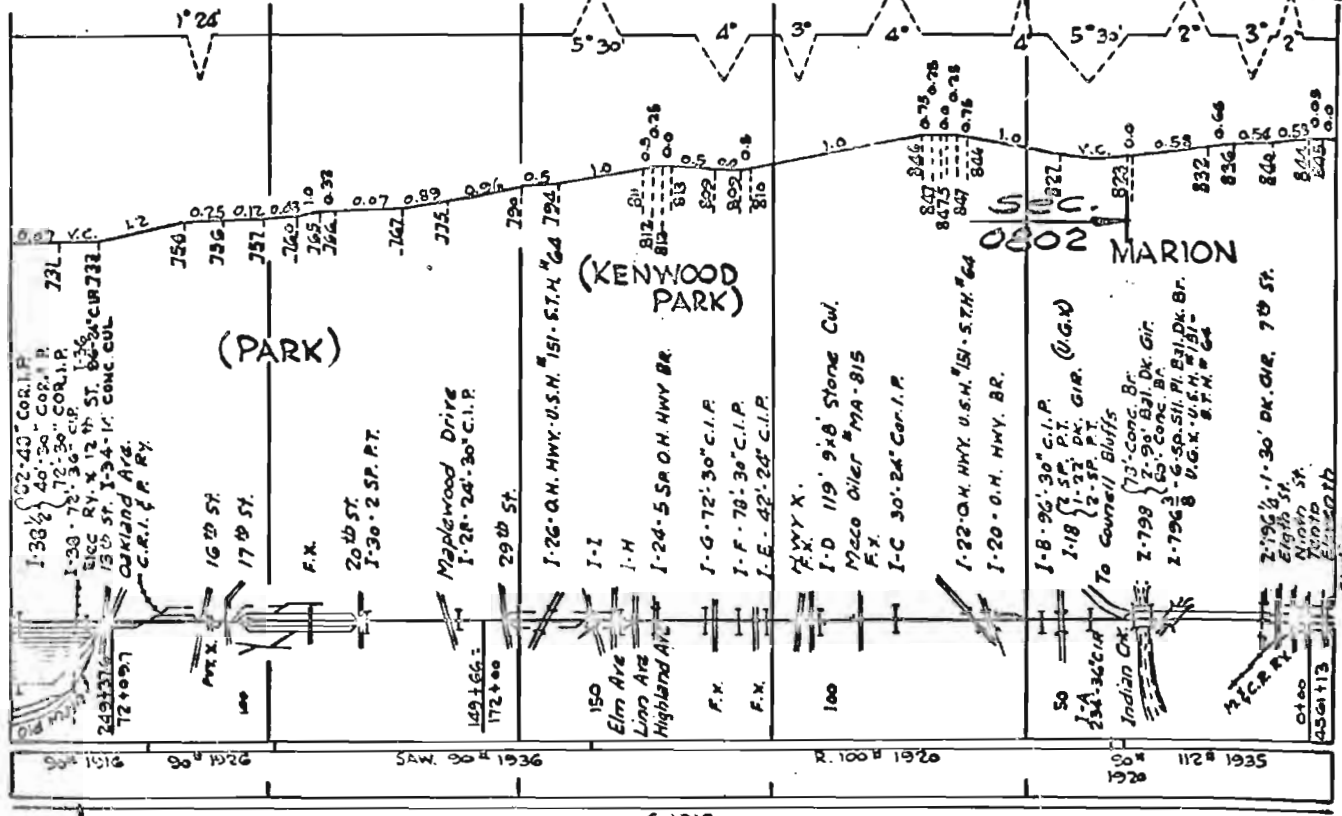
R-1918

C-1922

Gum. 1918

C-1922





(PARK)

(KENWOOD PARK)

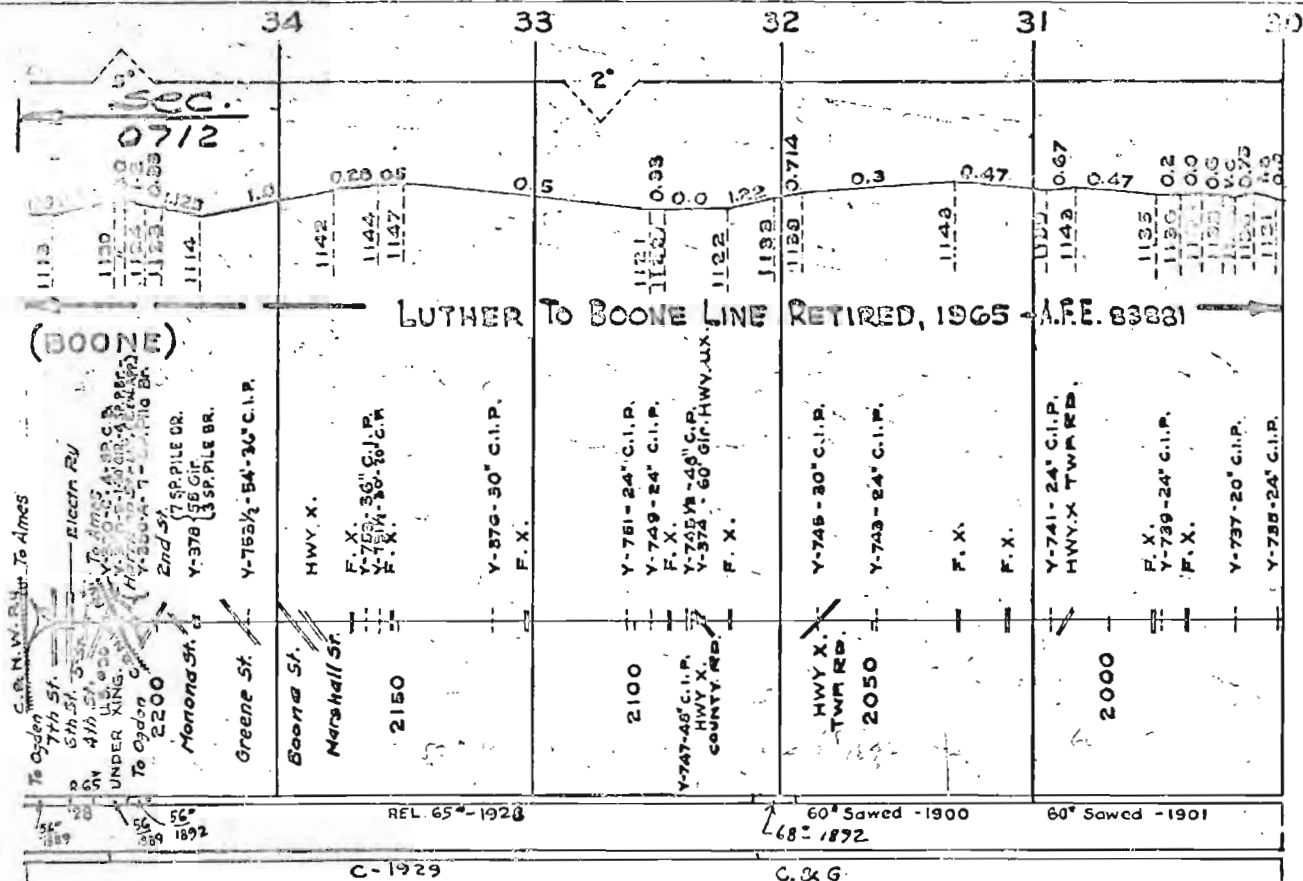
MARION

11-0020 XGS.
MILK MAINT.

8161-2

STATION

--	--	--	--	--	--



30

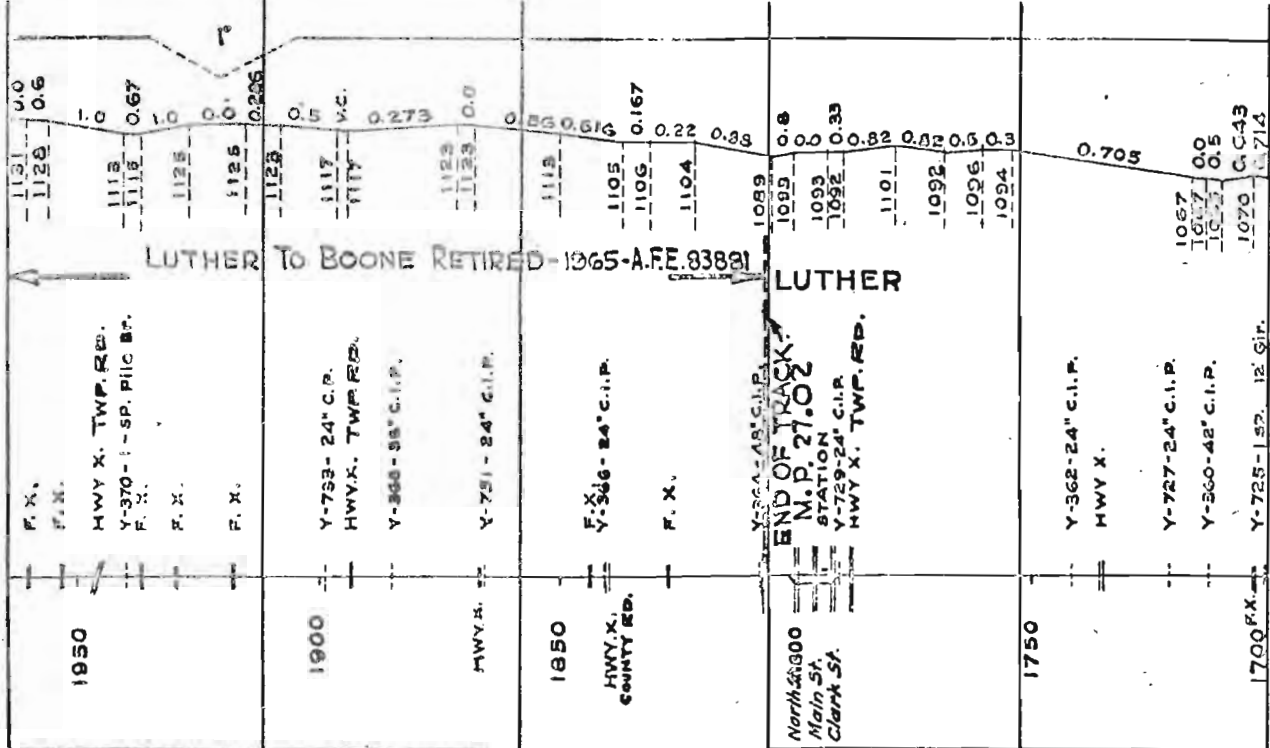
29

28

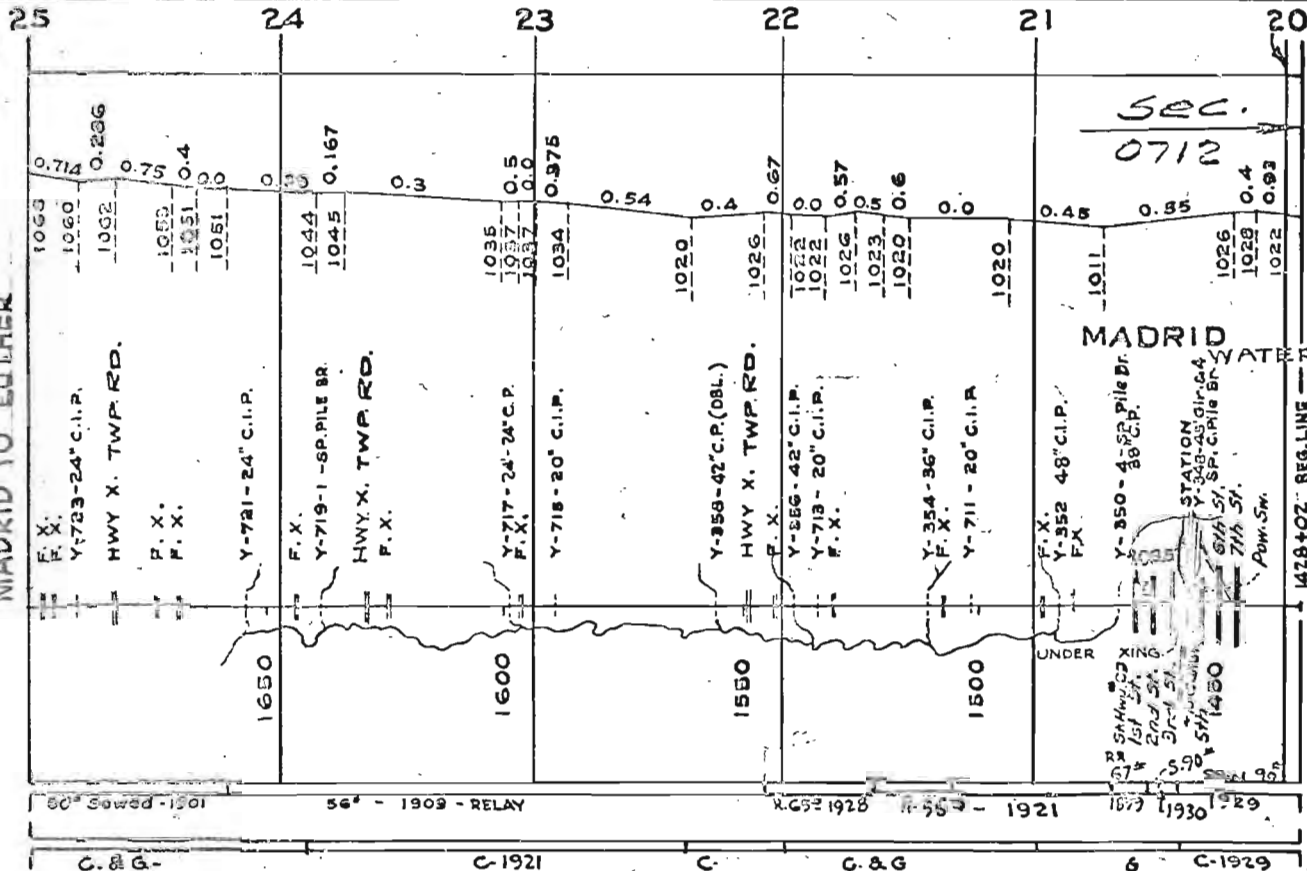
27

26

25



MADRID TO LUTHER



SEC.
0712

MADRID WATER

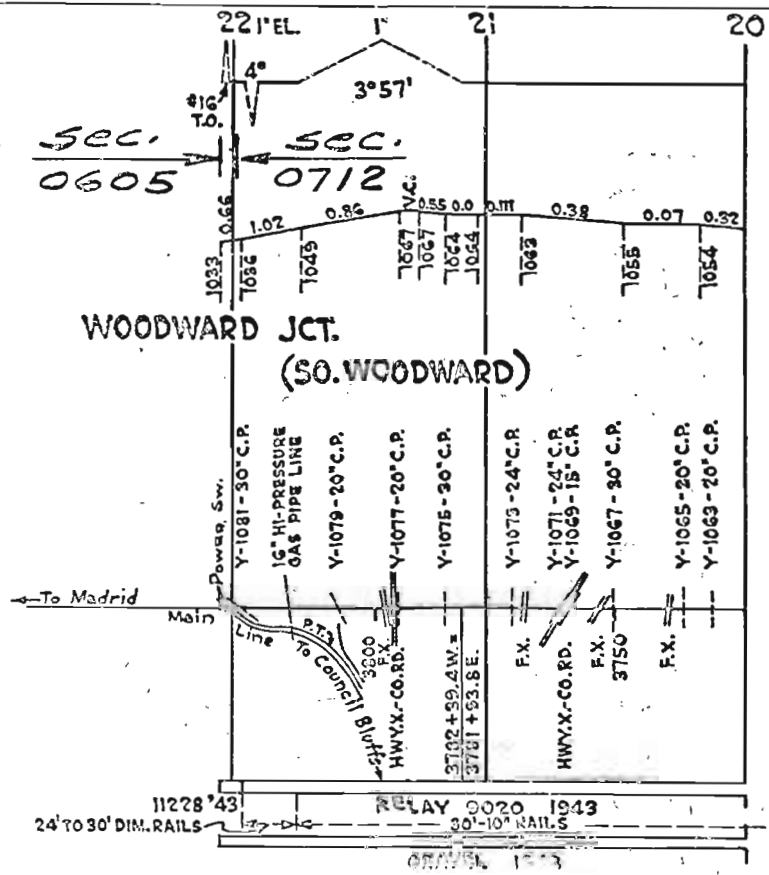
UNDER

STATION
Y-348-45 614.51 SP. C.I.P. BR.
7th St.
Pow. Str.

56' - 1909 - RELAY 1027 1930

C. & G. C-1921 C. & G. 6 C-1929

--	--	--	--	--	--



CONTINUED ON SHEET 4-B

20

19

18

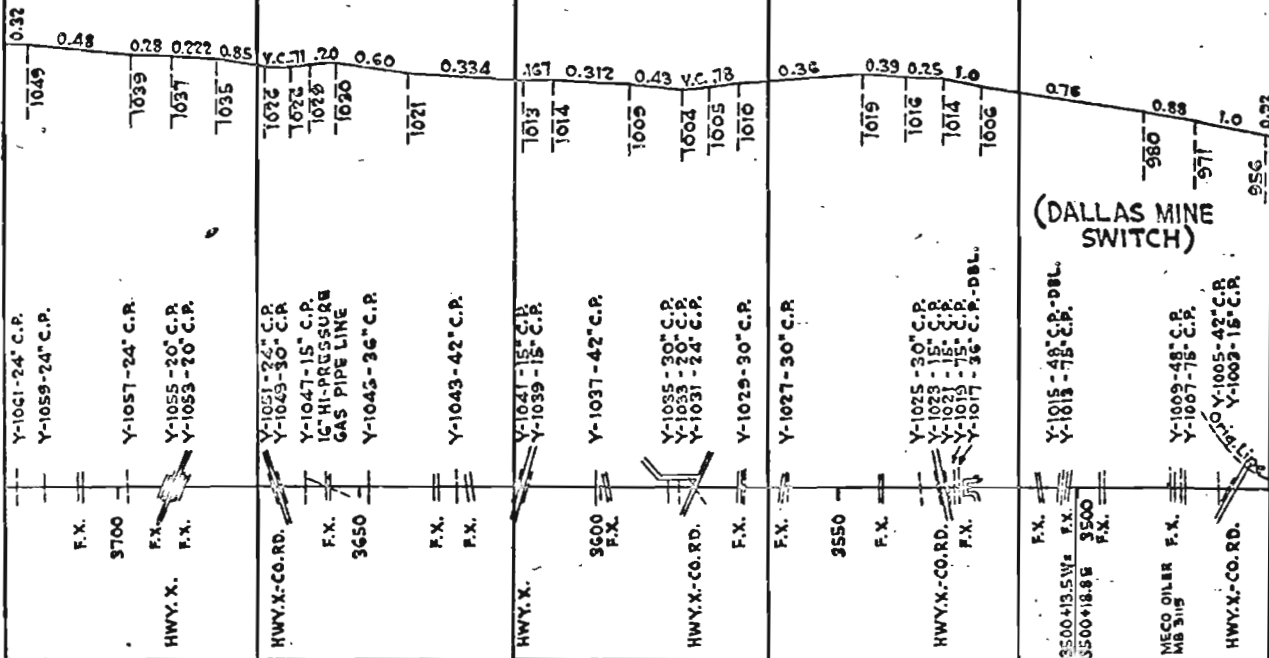
17

EL. 1°

16 1°

1°

15 7°



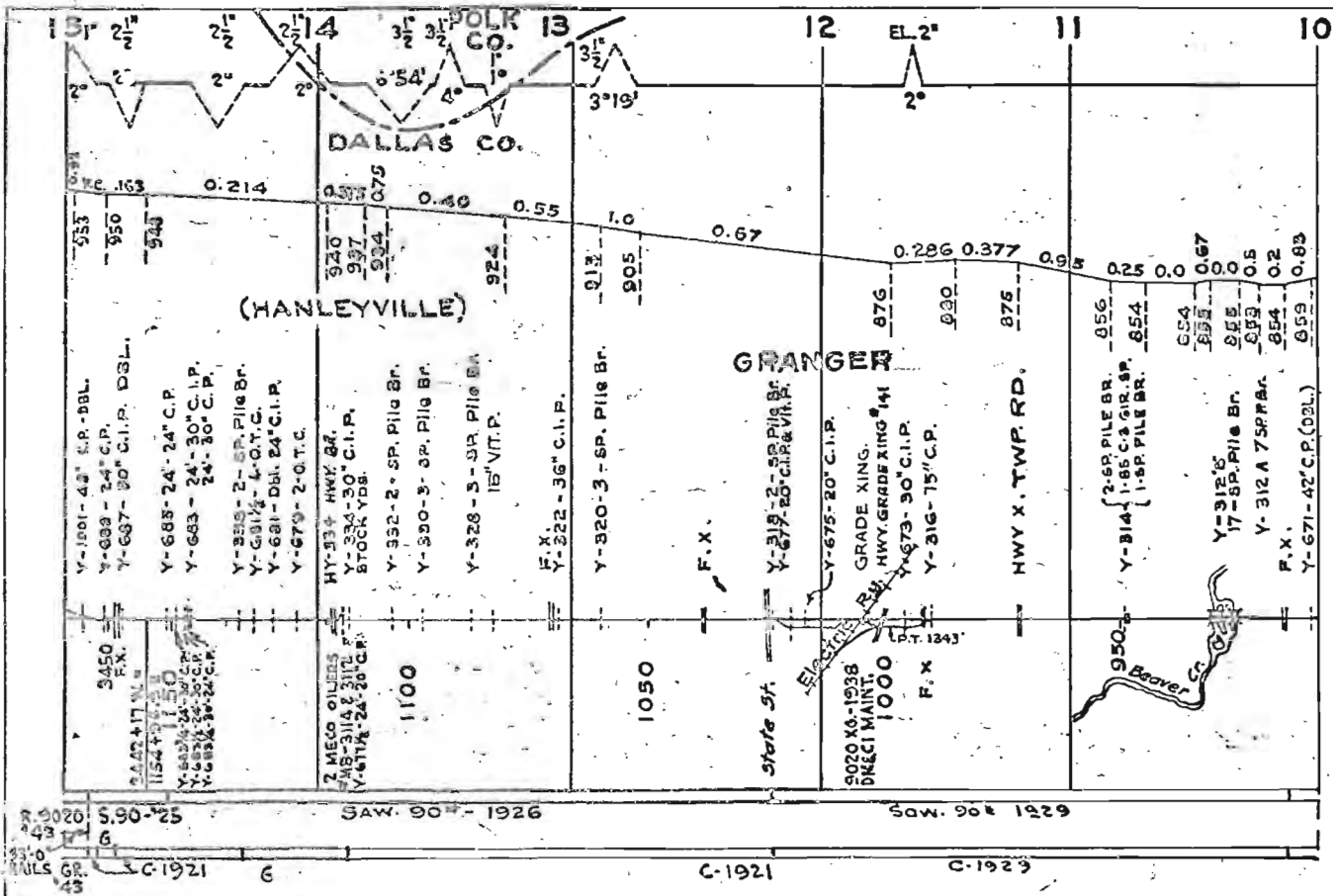
30'-10" RAILS

RELAY 9020 1943

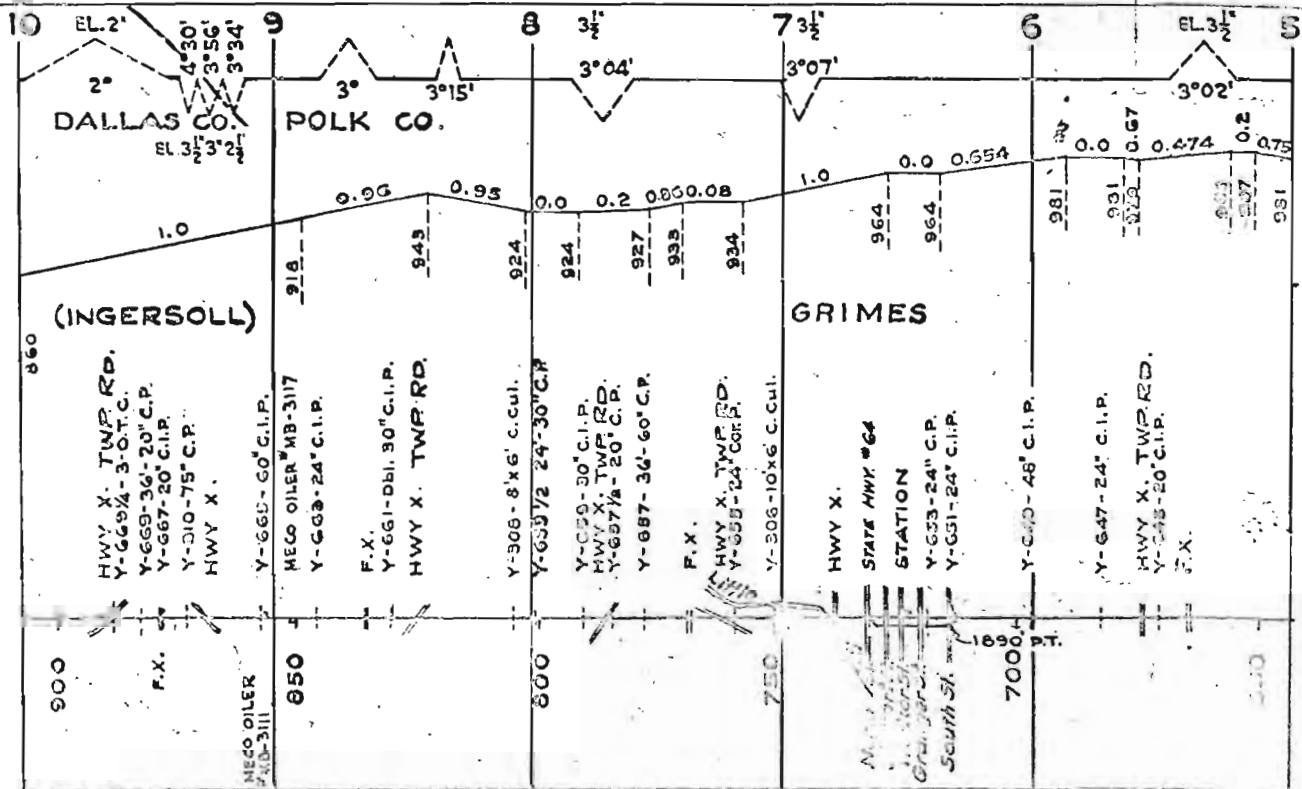
33'-0" RAILS

GRAVEL 1943

(DALLAS MINE SWITCH)



2020-25
 2021-25
 2022-25
 2023-25
 2024-25
 2025-25
 2026-25
 2027-25
 2028-25
 2029-25
 2030-25
 2031-25
 2032-25
 2033-25
 2034-25
 2035-25
 2036-25
 2037-25
 2038-25
 2039-25
 2040-25
 2041-25
 2042-25
 2043-25
 2044-25
 2045-25
 2046-25
 2047-25
 2048-25
 2049-25
 2050-25
 2051-25
 2052-25
 2053-25
 2054-25
 2055-25
 2056-25
 2057-25
 2058-25
 2059-25
 2060-25
 2061-25
 2062-25
 2063-25
 2064-25
 2065-25
 2066-25
 2067-25
 2068-25
 2069-25
 2070-25
 2071-25
 2072-25
 2073-25
 2074-25
 2075-25
 2076-25
 2077-25
 2078-25
 2079-25
 2080-25
 2081-25
 2082-25
 2083-25
 2084-25
 2085-25
 2086-25
 2087-25
 2088-25
 2089-25
 2090-25
 2091-25
 2092-25
 2093-25
 2094-25
 2095-25
 2096-25
 2097-25
 2098-25
 2099-25
 2100-25



(INGERSOLL)

GRIMES

900

650

800

750

700

650

EL 2'
2°
DALLAS CO.
EL 3½' 3' 2'

9
3°
3°15'
POLK CO.

8
3½'
3°04'

7
73½'
3°07'

6
EL 3½'
3°02'

HWY X, TWP RD.
Y-669-4-3-07-C.
Y-669-36'-20" C.P.
Y-667-20" C.I.P.
Y-310-75" C.P.
HWY X.

MEGO OILER
#B-3117
Y-665-60" C.I.P.
MEGO OILER #B-3117
Y-663-24" C.I.P.

F.X.
Y-661-0bl. 30" C.I.P.
HWY X, TWP RD.

Y-306-8'x6' C.Cul.
Y-659 7/2 24'-30" C.P.

Y-659-30" C.I.P.
HWY X, TWP RD.
Y-657 1/4 - 20" C.P.
Y-687-36'-60" C.P.

F.X.
HWY X, TWP RD.
Y-655-24" C.I.P.
Y-306-10x6' C.Cul.

HWY X.
STATE HWY #64
STATION
Y-623-24" C.P.
Y-651-24" C.I.P.

Y-640-48" C.I.P.
Y-647-24" C.I.P.

HWY X, TWP RD.
Y-645-20" C.I.P.
F.X.

1.0
0.96
0.95
0.0
0.2
0.00
0.08
1.0
0.0
0.554
964
964
981
991
979
0.474
0.2
0.75
991

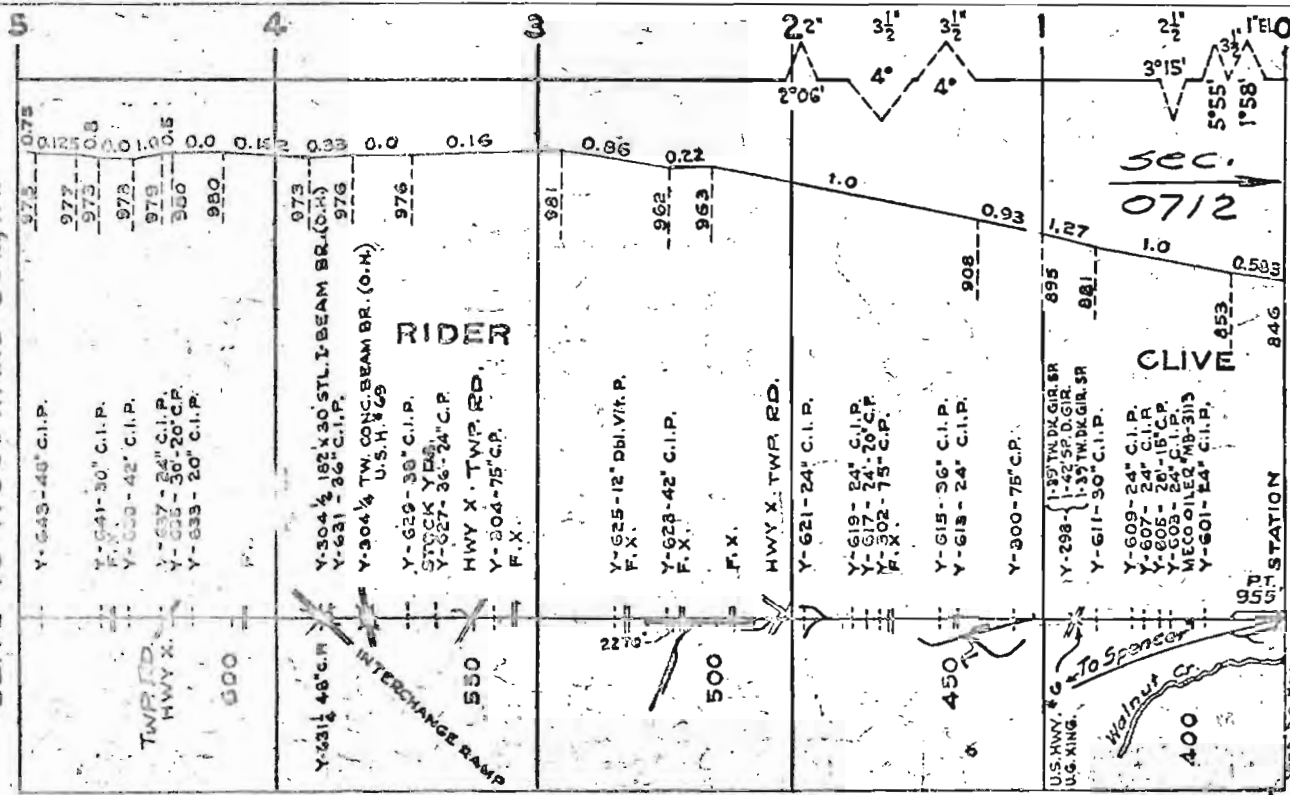
1923

1923

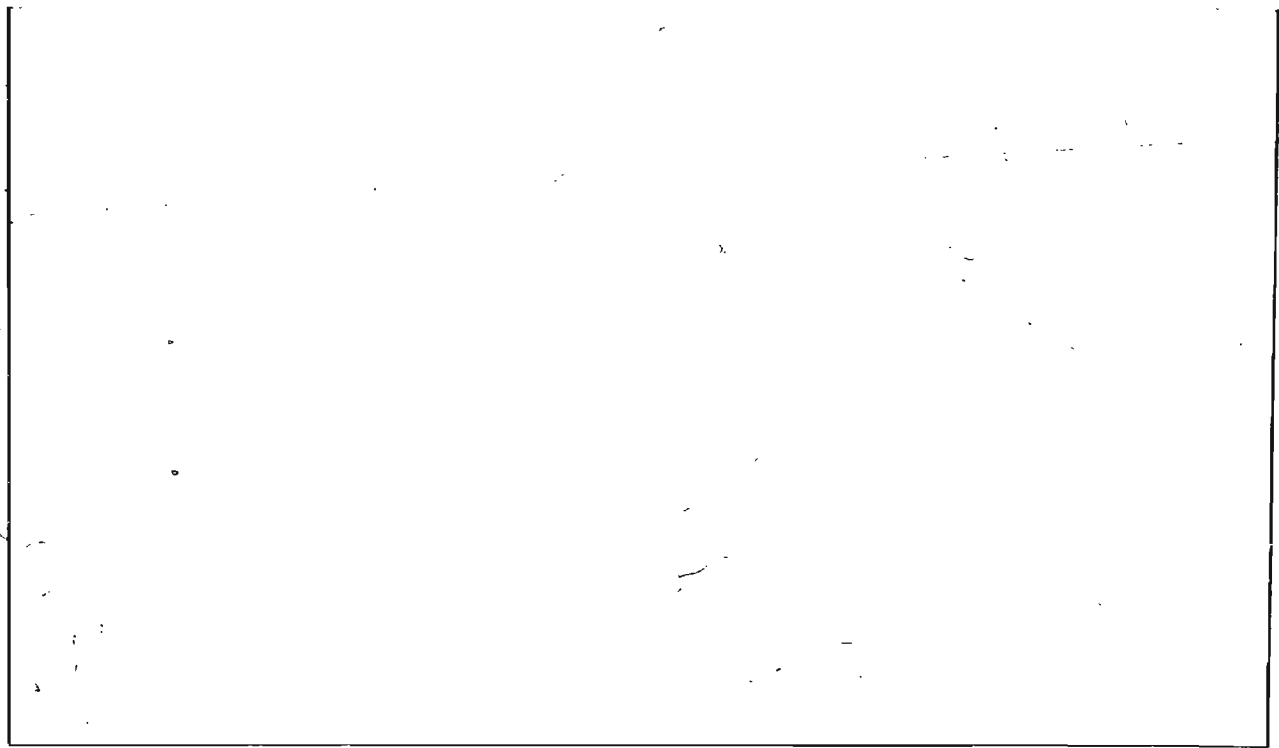
C-1929

APR 1924
(MILFORD PIT-RUN)

CLIVE TO WOODWARD JCT., I.A.

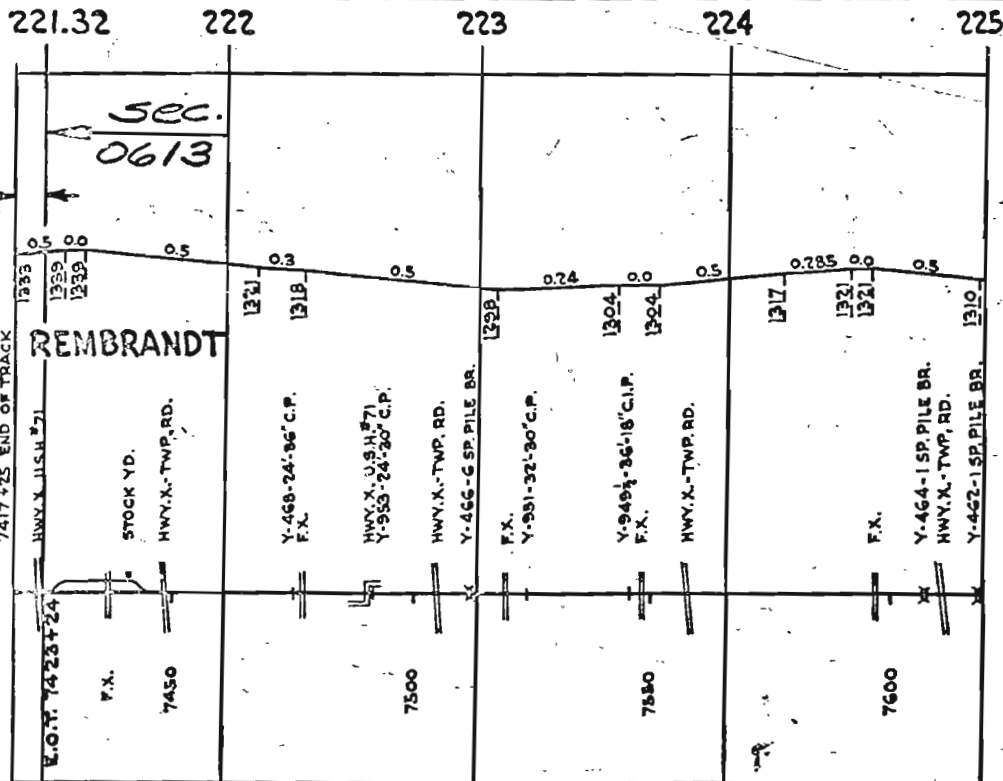


4" GRAVEL 1944
(MILFORD PIT-RUN)

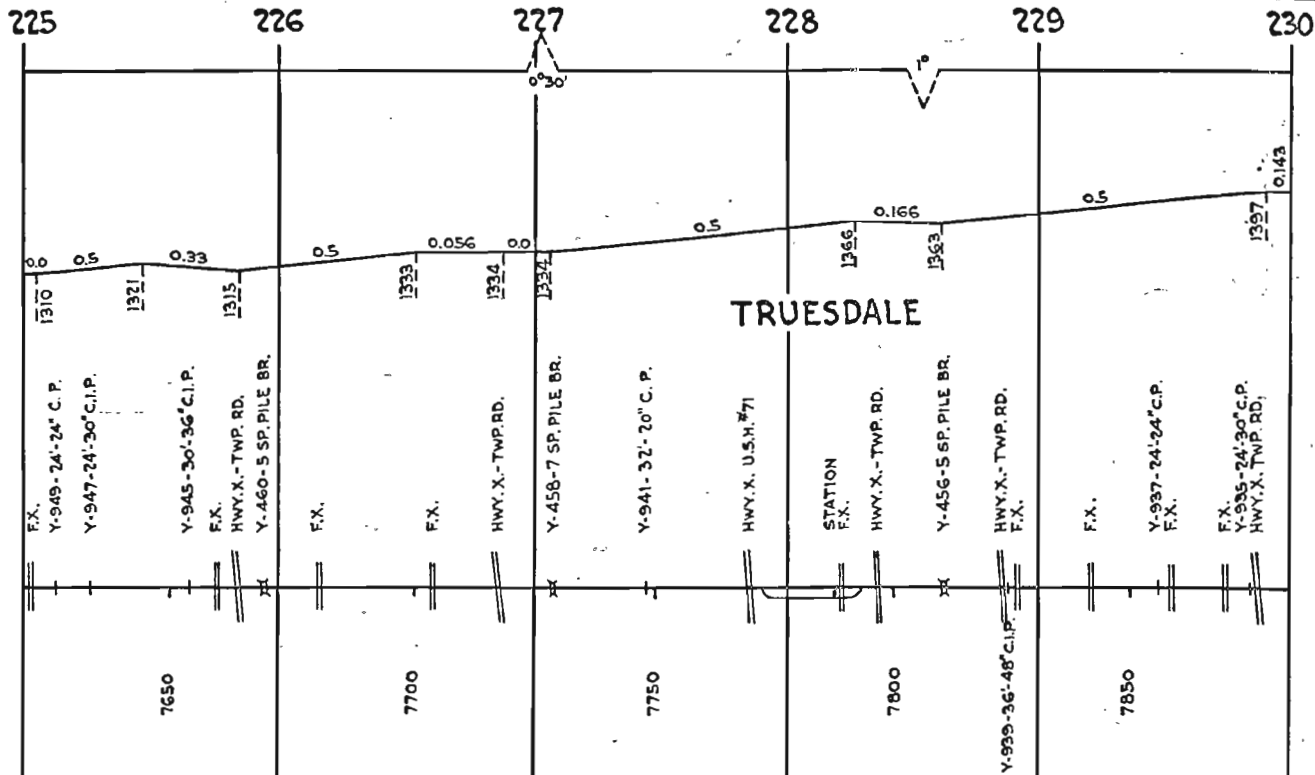


STORM LAKE TO REMBRANDT

TRK. RETIRED
A.P.E. 78912-1960



7010-1899



7010 - 1899

230

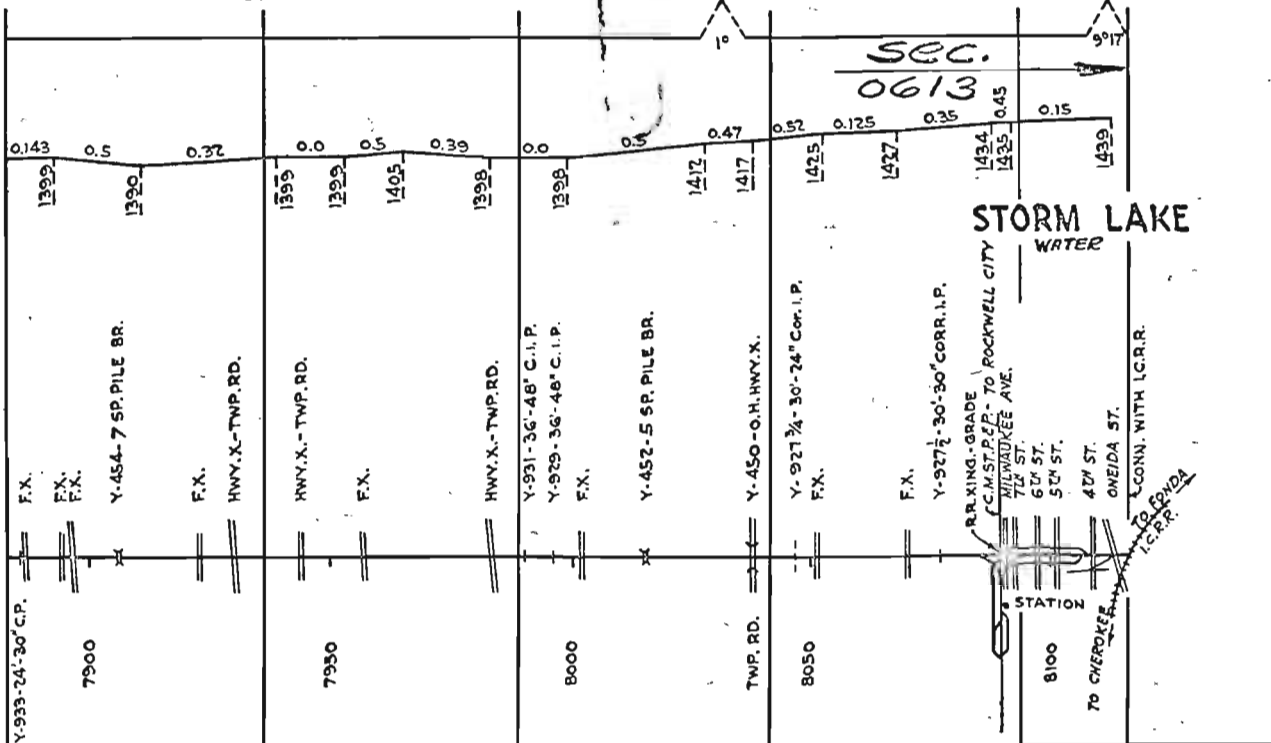
231

232

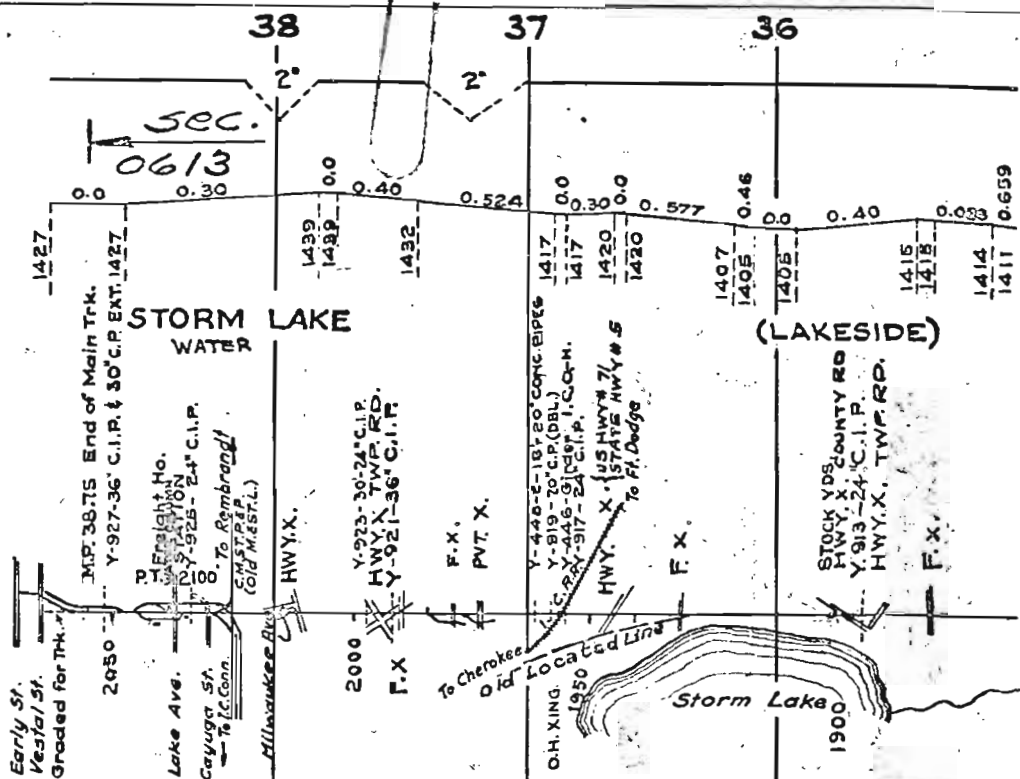
233

234

234.38



7010-1899



60° Sawn-99

7010 XG-1899

65° I.S. 1899

35

34

33

32

31

1411

1850

Y-444-75" C.P.
Y-442-4 SP. Pile Br.Y-440-4-3P. Pile Br.
HWY X. COUNTY RD.

F. X.

F. X.

Y-911-24" C.I.P.

Y-438-4-5P. Pile Br.

F. X.

Y-436-4-5P. Pile Br.

1800

54.4504
1906
1906

0.257

1383

Y-434-4-5P. Pile Br.

HWY X. TWP. RD.

F. X.

Y-909-24" C.I.P.

1379

Y-907-48" C.I.P.
HWY X. US. HWY #71.

JUNIATA

1370

PLATFORM

Main St.

Y-905-36" C.I.P.

HWY X. TWP. RD.

1376

1700

F. X.

Y-903-36" C.I.P.

Y-901 1/2-30"-36" C.P.

Y-901-36" C.I.P.

1650

F. X.

Y-899 1/2-2 3/4-48" C.P.
F. X.

1329

Y-432-3-5P. Pile Br.
Camie Pass Under

1329

BUENA VISTA CO. SAC CO.

0.659

0.0

0.257

0.0

0.190

0.0

0.4

0.0

0.47

0.75

0.33

0.0

1343

1342

C
1923

65° 1. S. 1899

G

G

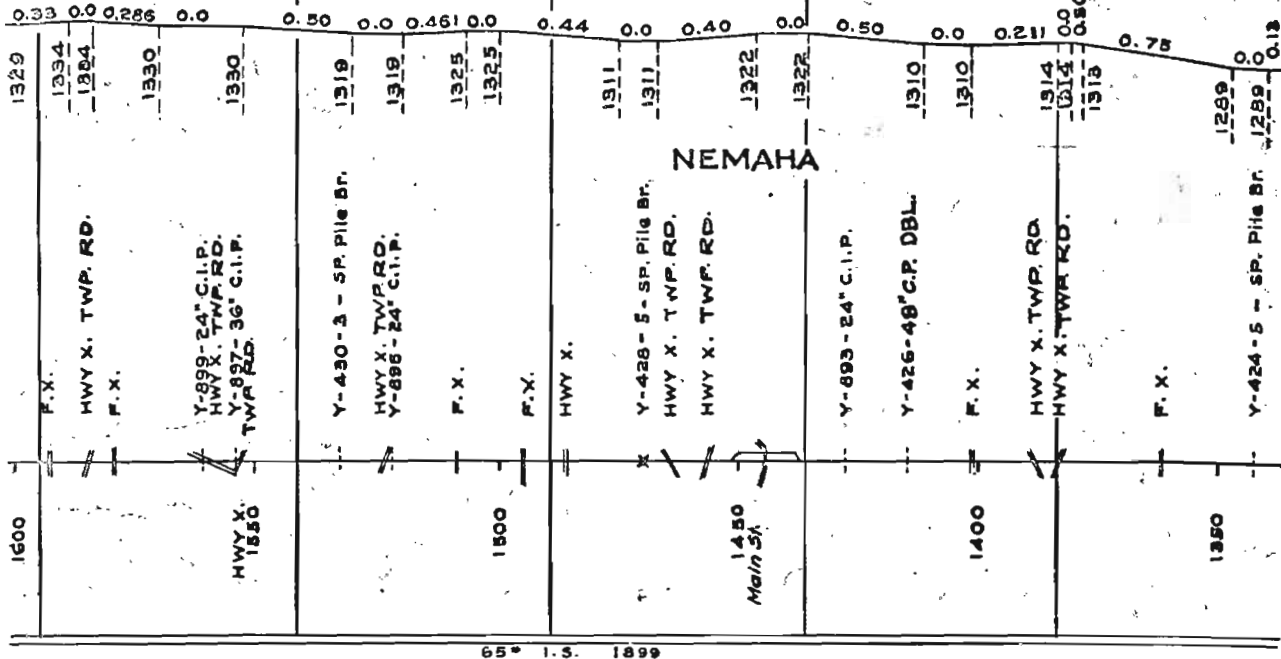
30

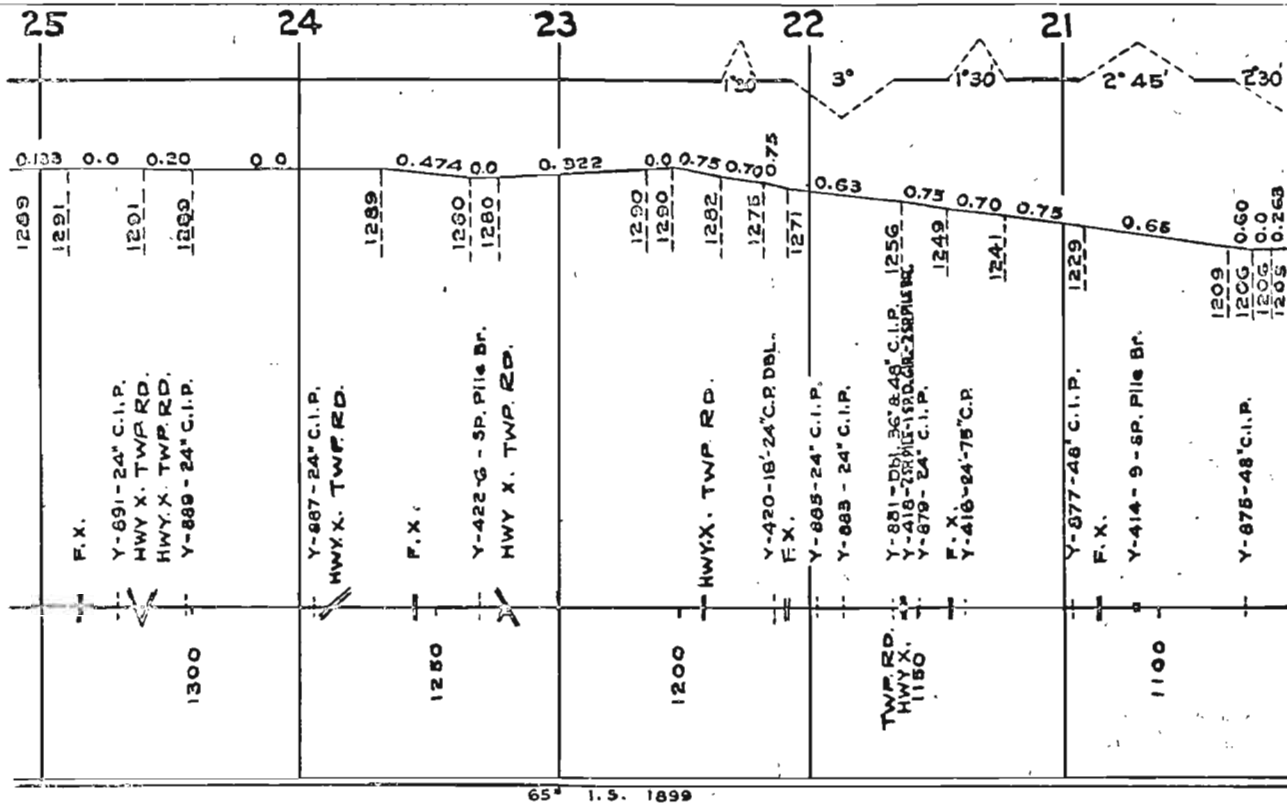
29

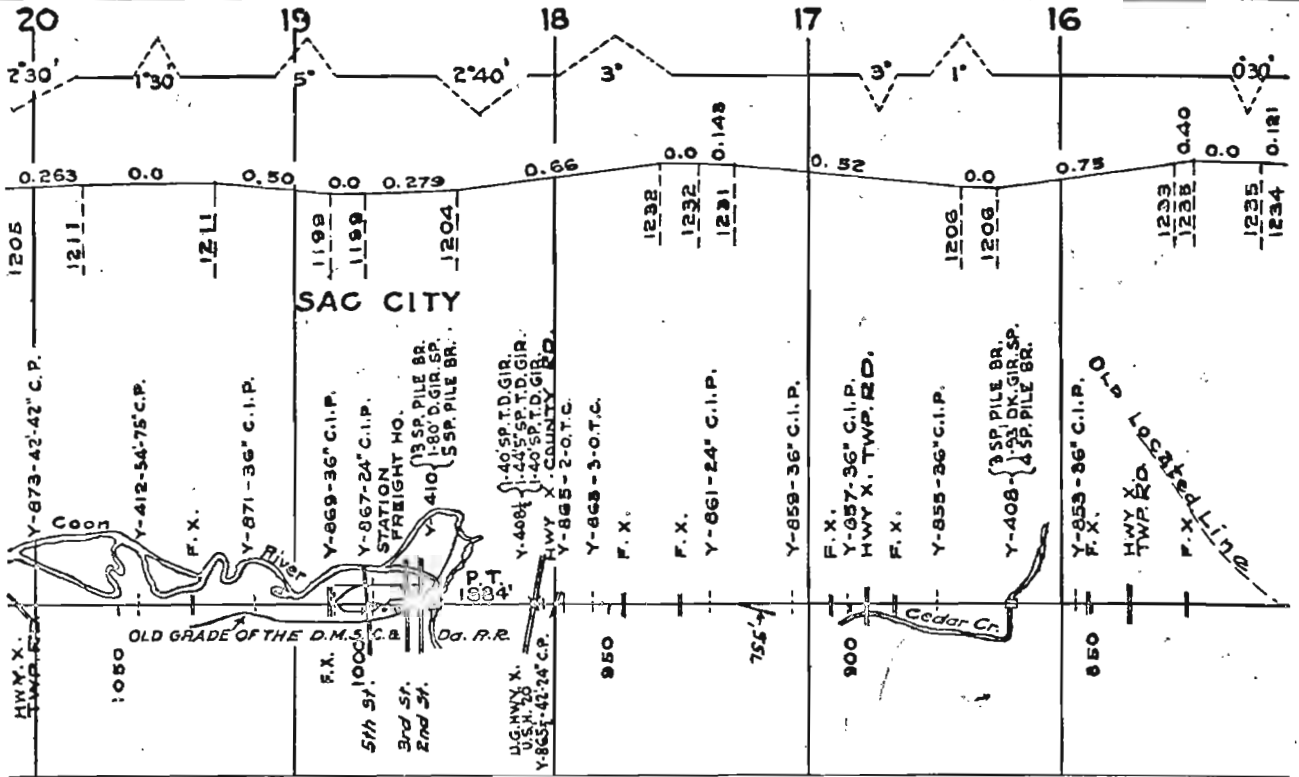
28

27

26







SAC CITY

20 19 18 17 16 13

2°30' 1°30' 5° 2°40' 3° 9° 1° 0°30'

0.263 0.0 0.50 0.0 0.279 0.66 0.0 0.148 0.52 0.0 0.75 0.40 0.0 0.181

1205 1211 1211 1199 1199 1204 1232 1232 1231 1206 1206 1233 1235 1234

Y-873-42°42' C.I.P.
Y-412-54°75' C.I.P.
Y-871-36° C.I.P.
Y-869-36° C.I.P.
Y-867-24° C.I.P.
Y-410-180° D.G.R. SP.
Y-410-55P. PILE BR.
Y-408-143° DK. G.R. SP.
Y-408-135P. PILE BR.
Y-859-36° C.I.P.
Y-855-26° C.I.P.
Y-853-86° C.I.P.

F. X.
F. X.
F. X.
F. X.
F. X.
F. X.
F. X.
F. X.
F. X.

Hwy X. TWP. RD.
Coon River
Freight HO.
5th St.
2nd St.
End St.
U.S. HWY. X.
U.S. N. 25
Y-865-42°24' C.P.
Hwy X. COUNTY RD.
Y-865-2°0'T.C.
Y-868-3°0'T.C.
Hwy X. TWP. RD.
Gedar Cr.

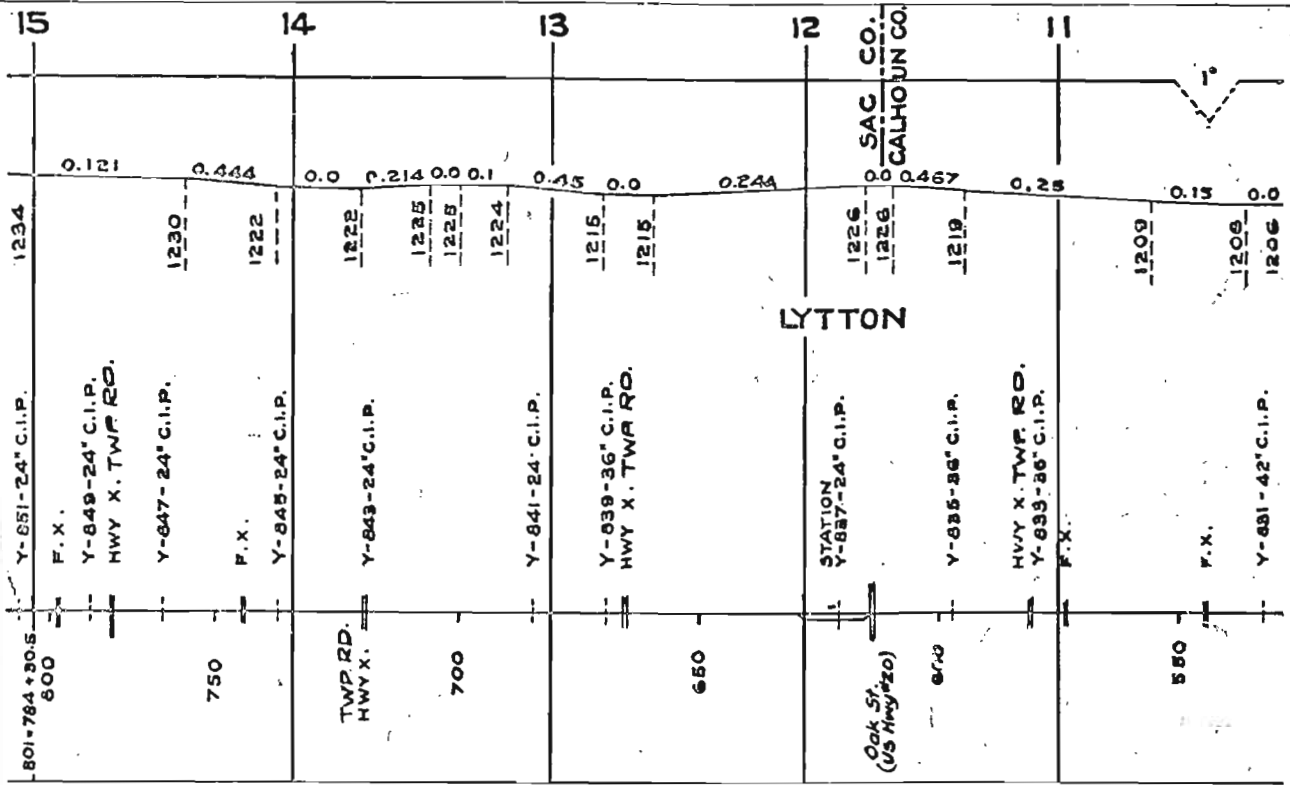
1050
1000
1004
950
755
900
850

OLD GRADE OF THE D.M. & C.R.
Og. R.R.
P.T.
1004'

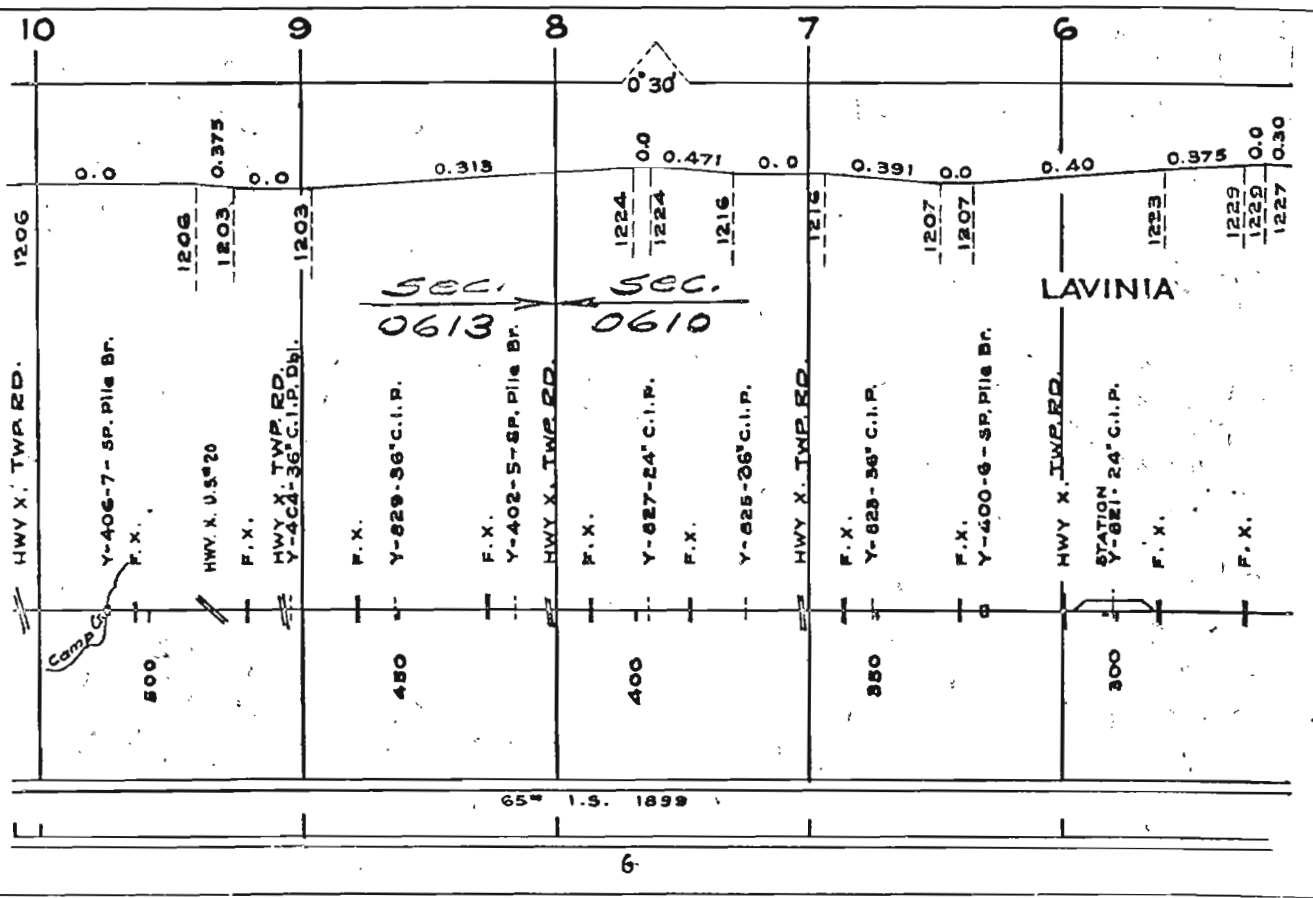
Located Line

5.754
1937

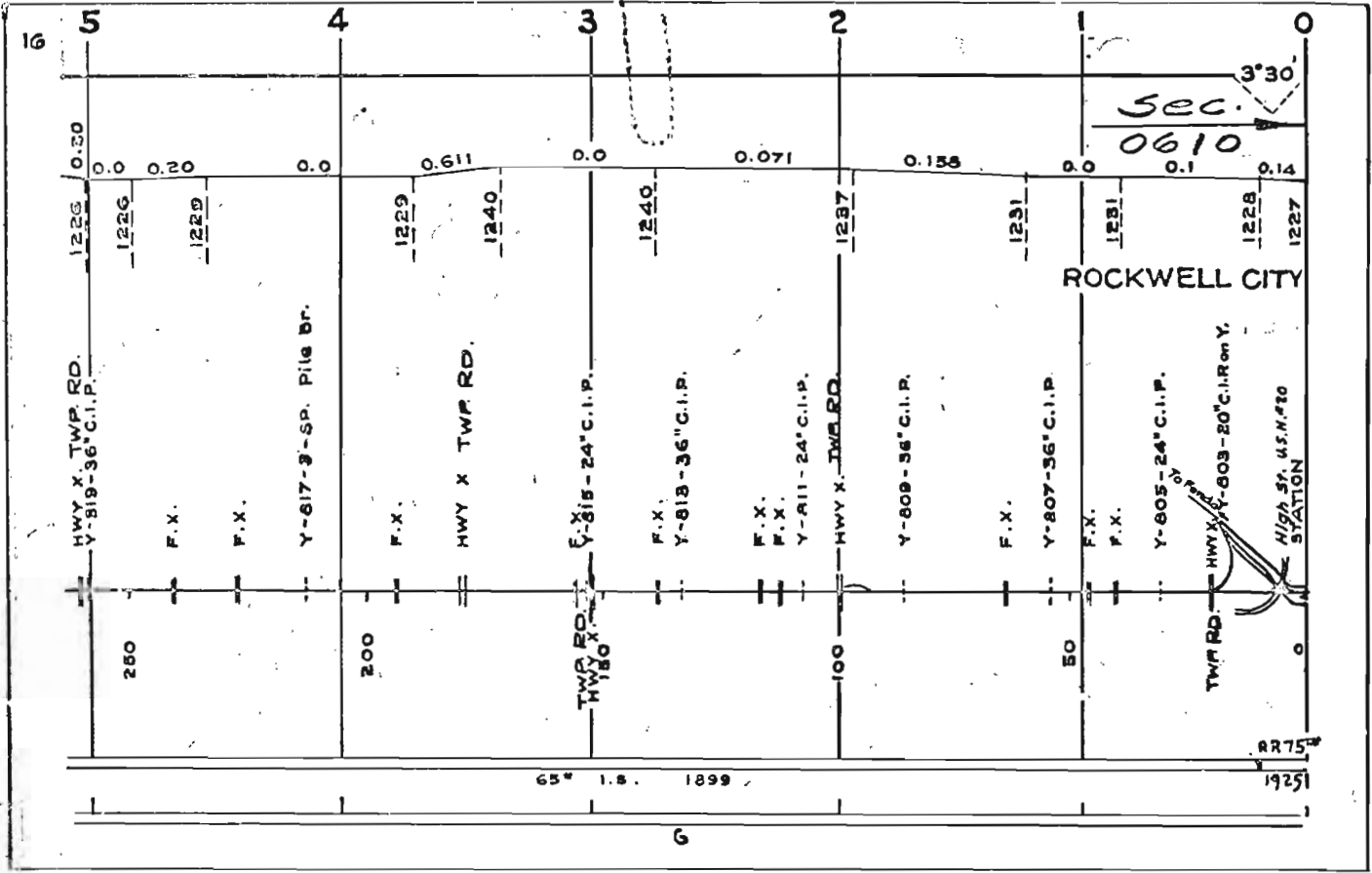
65' I.S. 1899



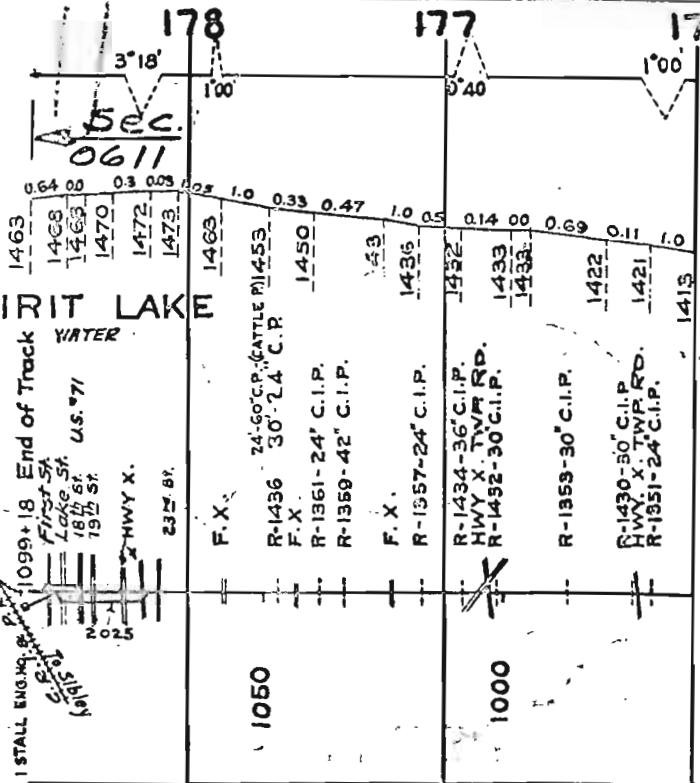
65 1. 9. 1899



STORM LAKE LINE - ROCKWELL CITY TO STORM LAKE



SPIRIT LAKE



664-1902	
----------	--

176

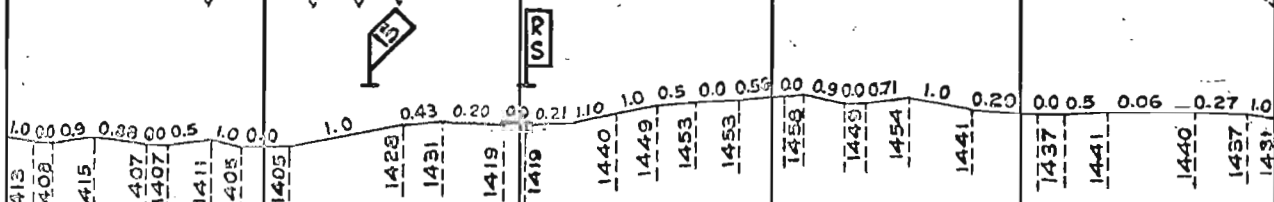
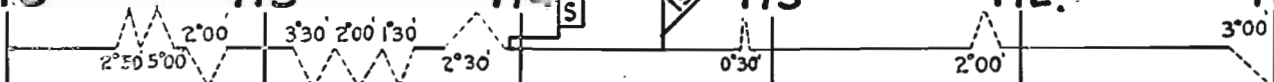
175

174

173

172

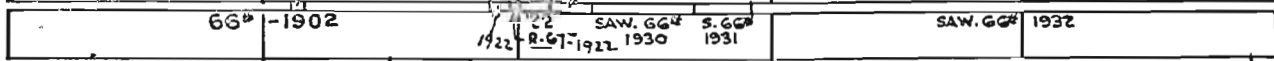
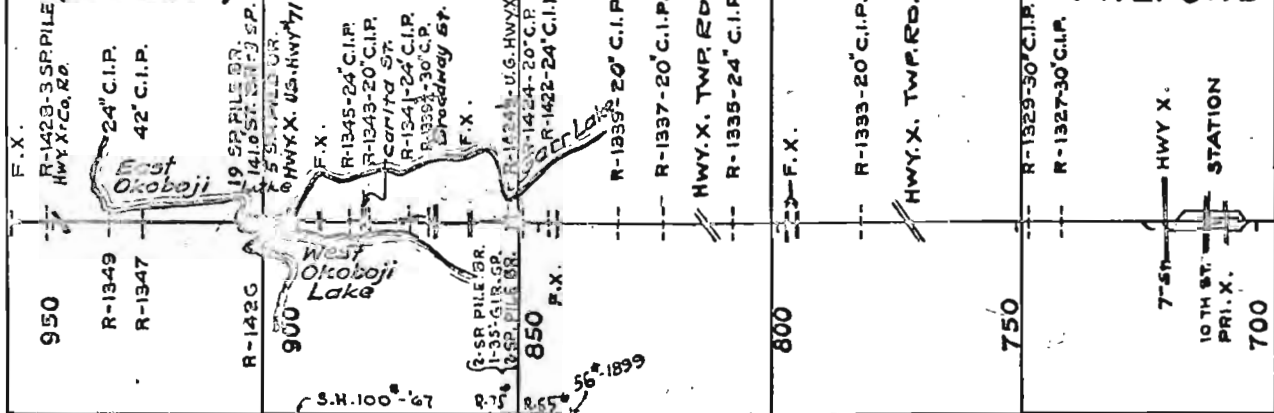
171



OKOBOJOI

ARNOLD'S PARK

MILFORD



C E.S. C 4" GRAVEL 1945 (MILFORD PIT-RUN)

171 170 169 168 167 166



1431	1405	1405	1426	1427	1424	1421	1421	1425	1422	1412	1412	1405	1410	1406	1408	1410	1419	1421	1412	1422	1430	1430
R-1420-30" C.I.P. Main St.	R-1418-13 SR PILE BR.	HWY X. TWP RD.	F. X. MILFORD GRAVEL PIT	F. X.	F. X.	HWY. X. TWP RD.	R-1325-26" C.I.P.	R-1323-30" C.I.P.	F. X.	R-1416-6 SR PILE BR.	TWP RD.	F. X.	R-1414-24" C.P.	F. X.	R-1412 1/2 36" CONC. R. TWP RD.	F. X.	R-1412-10x6 C.CUL.	F. X.	F. X.	HWY X. TWP RD.		
1.0	0.0	1.0	0.13	0.03	0.00	0.44	0.00	0.03	1.0	0.00	1.0	0.00	0.13	0.00	0.05	1.0	0.22	0.00	0.00	1.0	0.42	0.00
Authe King Slig	Little Sixe B-1418-13 SR PILE BR. Slig																					

DICKSON CO.
CLAY CO.

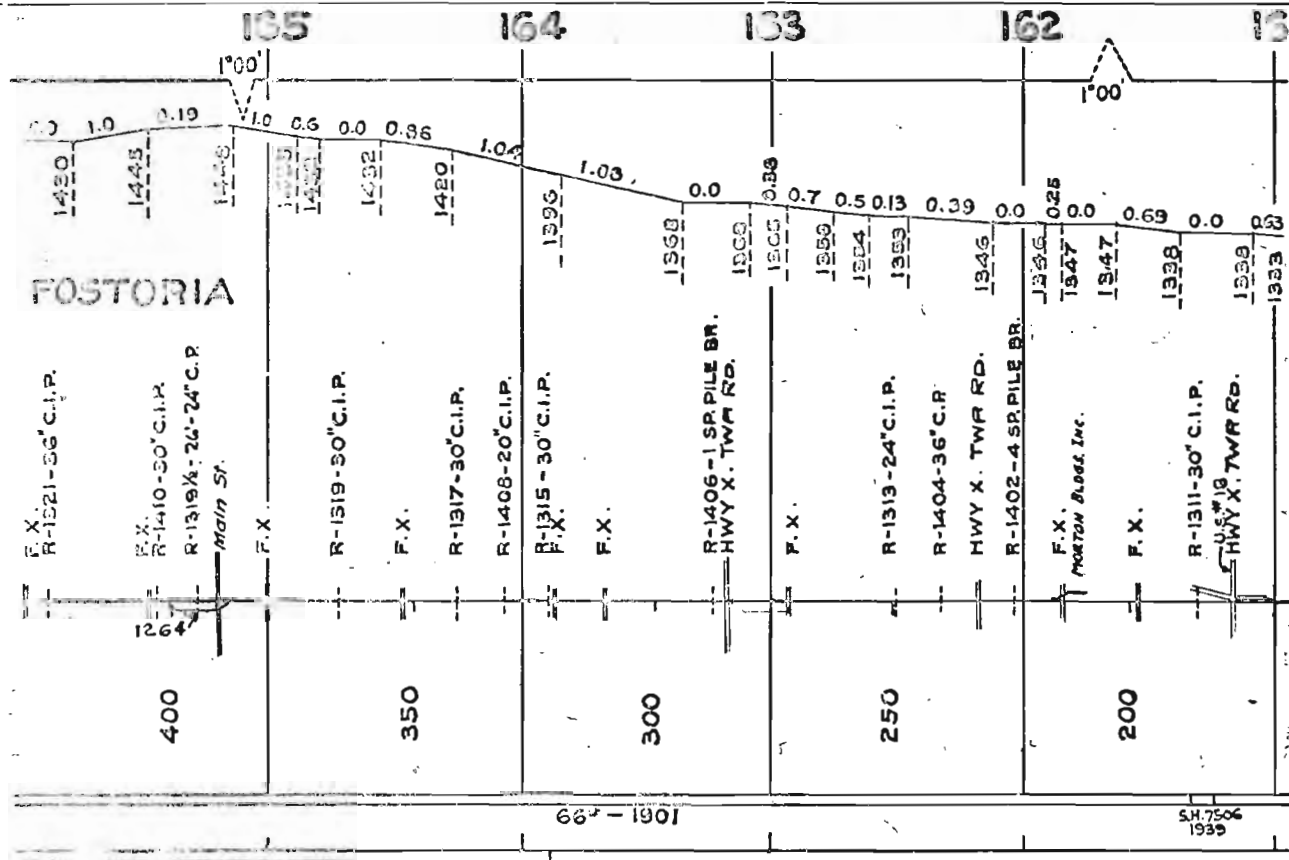
SAW. GG# 1932

S. 75#
1932

SAW. GG# 1932

SAW. GG# 1932

SAW. GG# 1932



4" GRAVEL 1944
(MILFORD PIT-RUN)

160

159

158

1'00'

93°30'

6'

SEC. 2606 I.M.&D. DIV.

0.63 0.0 1.0 0.8 0.13 0.0 0.21 0.0

1333 1328 1329 1339 1338 1323 1322 1322 1318

SPENCER WATER

R-1309-36" C.I.P.
R-1307-42" C.I.P.
F. X.

HWY. X. TWP. RD

R-1400-42" C.P. (OBL.)
PRIVATE X.
PRIVATE X.
PRIVATE X.

W. 18TH ST. TWP. RD.
R-1305-24" C.I.P.
W. 16TH ST.

W. 14TH ST.
W. 12TH ST.
W. 11TH ST.
W. 10TH ST.
W. 9TH ST.
W. 8TH ST. R-1303
R-1301-24" C.I.P.

N. Grand Ave.
2nd Ave. E.

R-1415 IOWA DIV. & 2530' CT I.M. & D.
M.A. ST. R.Y. GR. DE KING-GATES
To Estherville

150

SPENCER PLANT
RODAS INC.

100

Spencer Paving Co.

50

I.M. & D. DIV.
STOCK YARD
STATION
Coal Sheds

To Storm Lake

66' - 1901

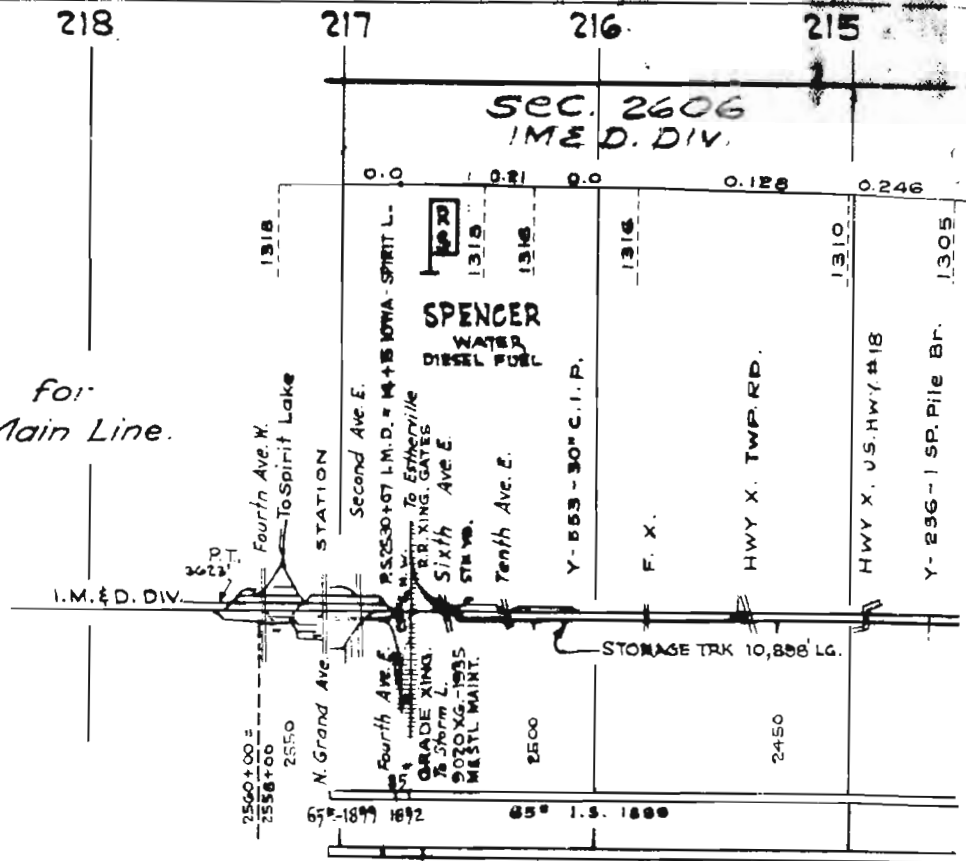
171 1903

9020 N.S.-1235
M&D. MAINT.

4" GRAVEL 1944
(MILFORD PIT-RUN)

6

See Page 21 for
Continuation of Main Line.



MAIN LINE - DES MOINES TO SPENCER

24

155

154

153

152

151

P.S. 0-33 IOWA DIV.
22407+33 I-410 DIV.
JAN. 20, 1919
IOWA T.W.P.
Y-254-9 SP. PILE BR.
F.X.

1304
Y-551-24" C.I.P.
F.X.

Sec
0611

Y-549 1/2-30'-60" C.P.E.E.S.

F.X.

HWY. X. U.S.H. 18

Y-549-36" C.I.P.
F.X.

F.X.

F.X.

F.X.

Y-252-7 6p. Pile Br.

Y-250-7 9p. Pile Br.
HWY. X. TWP RD.

Central Elec. Coop. Assn. Trk.

Muddy Cr.

Little Sioux River

50

100

150

200

F.X.

250

0.0
0.2
0.0

0.0

0.0

0.0

0.1

0.0

0.10

0.05

0.0

1305
1304
1306

1304

1302

1302

1303

1303

1298

1294

1294

65° I.S. 1899

016.1944
(MILFD P.R.)

6.

5.25

6.25

6

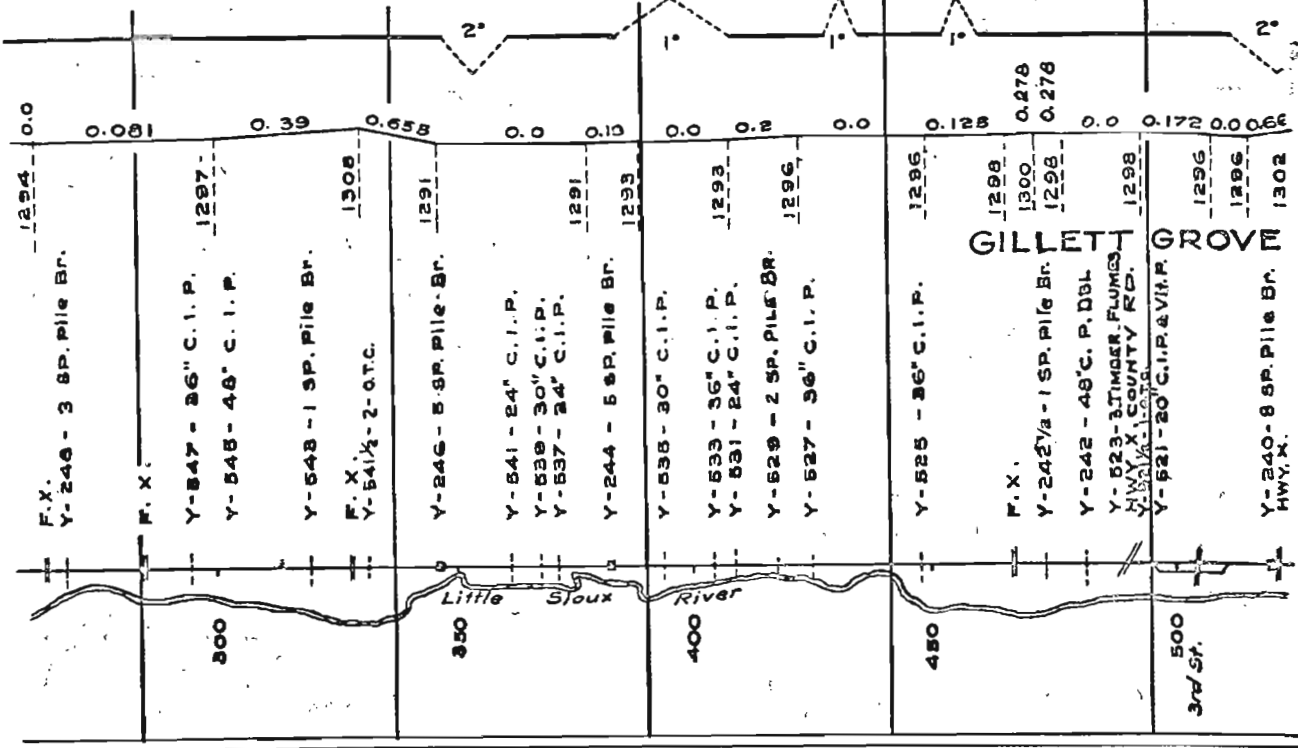
150

149

148

147

146



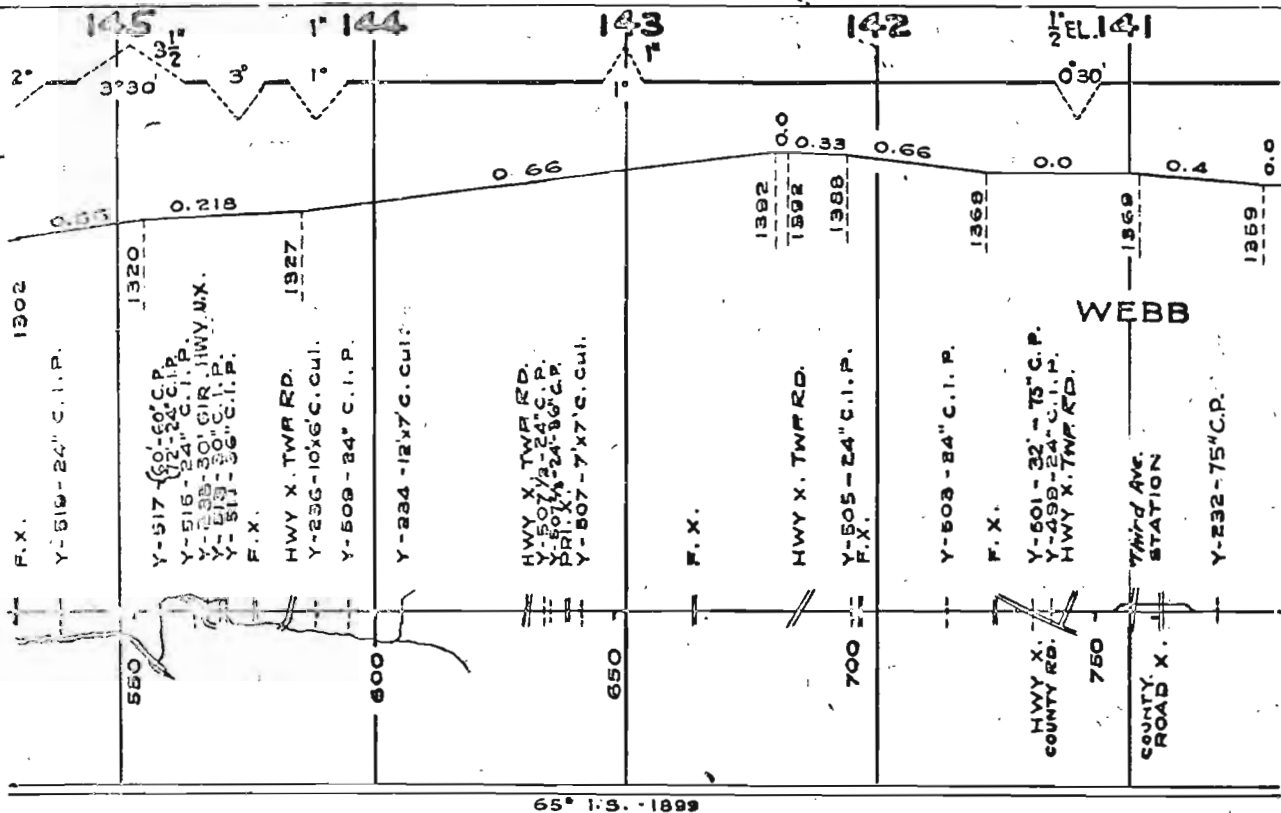
1224 0.0
 0.081
 0.39
 0.658
 0.0
 0.13
 0.0
 0.2
 0.0
 0.128
 0.278
 0.278
 0.0
 0.172
 0.0
 0.66

F. X.
 Y-246 - 3 SP. Pile Br.
 F. X.
 Y-547 - 26" C.I.P.
 Y-548 - 48" C.I.P.
 Y-548 - 1 SP. Pile Br.
 F. X.
 Y-541 1/2 - 2-OTC.
 Y-246 - 5 SP. Pile Br.
 Y-541 - 24" C.I.P.
 Y-539 - 30" C.I.P.
 Y-537 - 24" C.I.P.
 Y-244 - 5 SP. Pile Br.
 Y-535 - 30" C.I.P.
 Y-533 - 36" C.I.P.
 Y-531 - 24" C.I.P.
 Y-529 - 2 SP. Pile Br.
 Y-527 - 36" C.I.P.
 Y-525 - 36" C.I.P.
 F. X.
 Y-242 1/2 - 1 SP. Pile Br.
 Y-242 - 48" C. P. DBL
 Y-523 - 3 TIMBER FLUMES
 Y-521 - 20" C.I.P. & VI. P.
 Y-240 - 8 SP. Pile Br.
 HWY. X.

GILGETT GROVE

65° 1.5. 1899

3rd St.



140

139

138

137

1° EL.

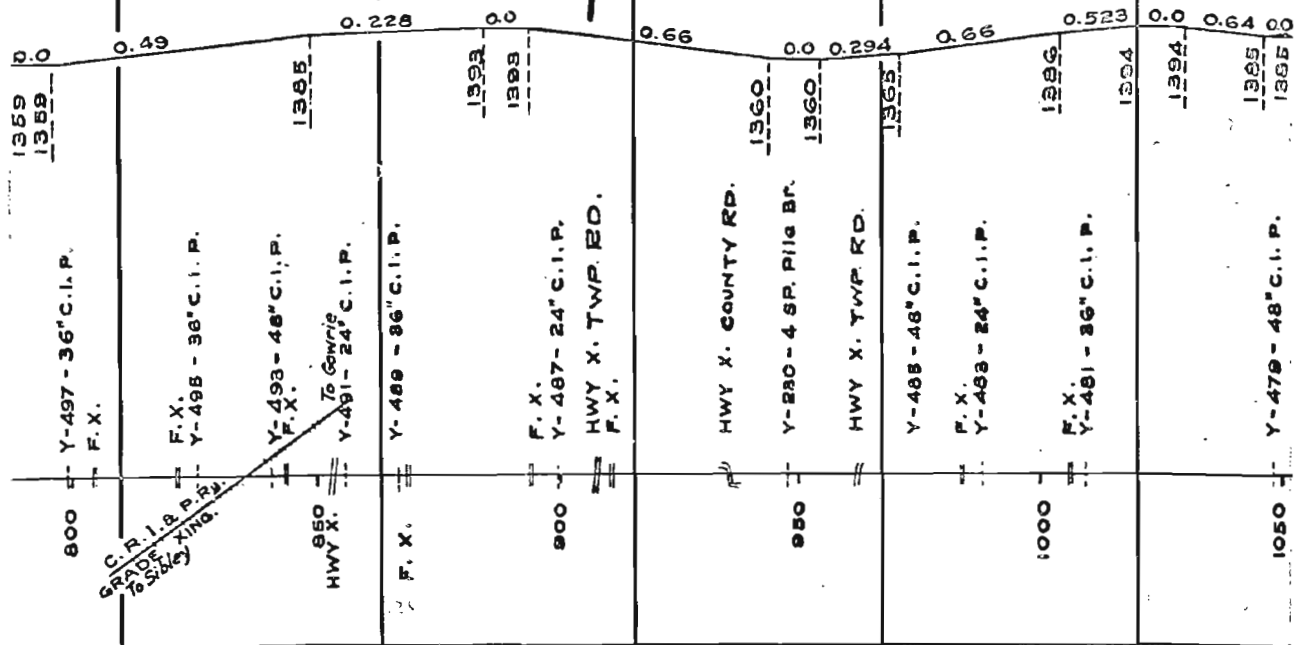
136

CLAY CO.

BUENA VISTA CO.

1°30'

1°

7003 XG.-1920
R.I. MAINT.

65° I.S. 1899

G

C-1922

G

SURF.-WH. PIT
RUN GR.-1965

G

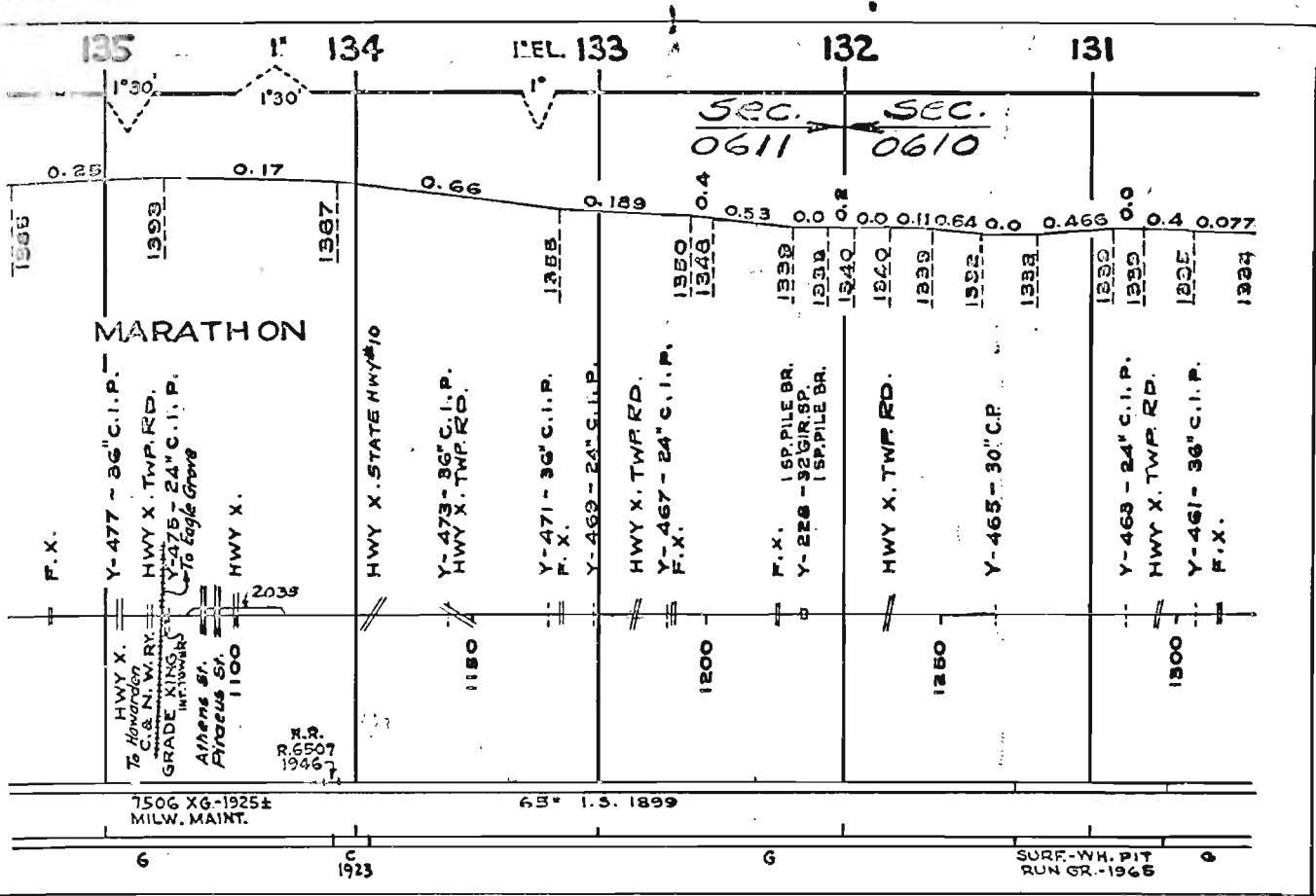
C-1965

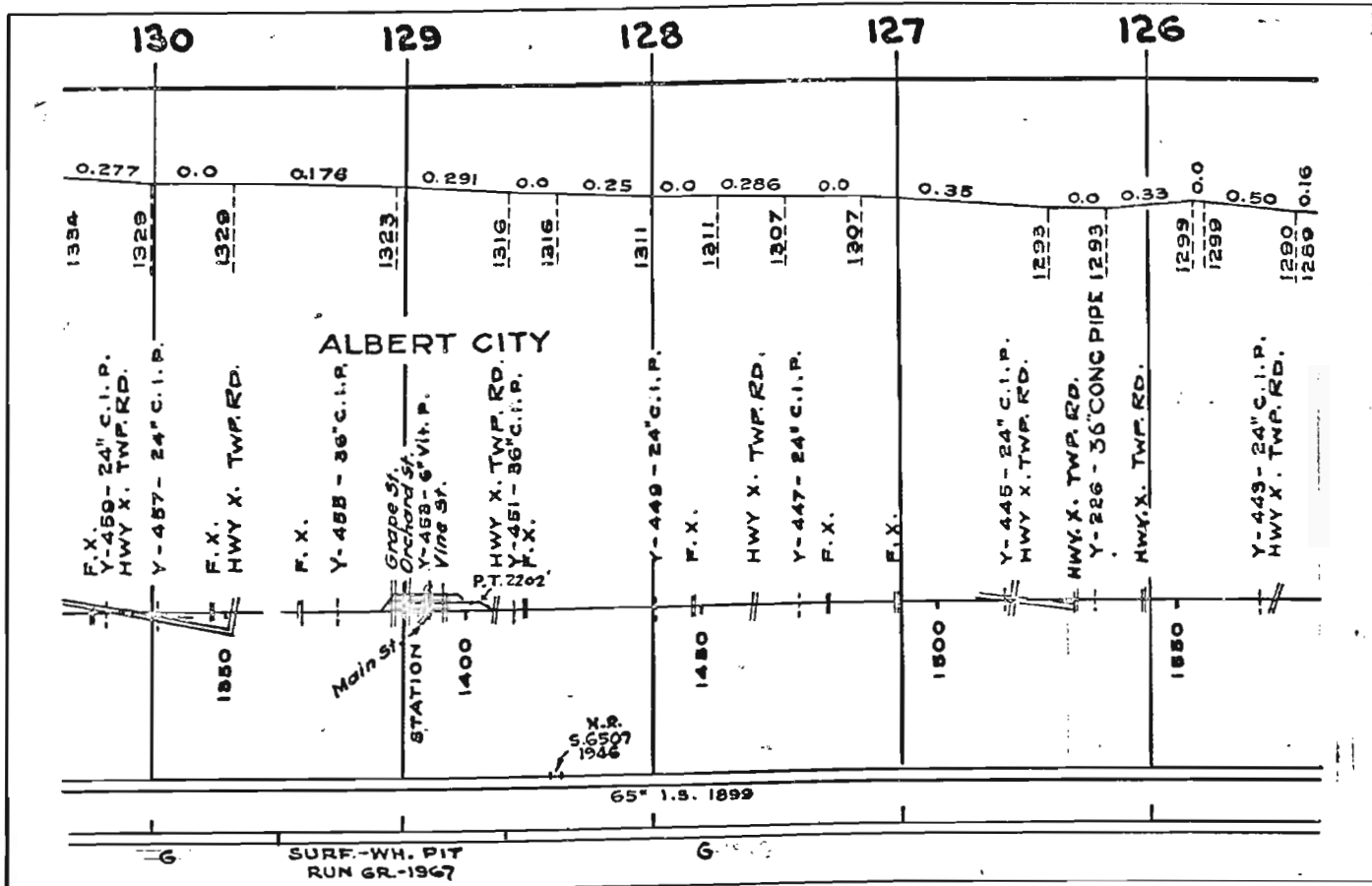
G

C-1965

G

G-1918
C-1922





125

124

123

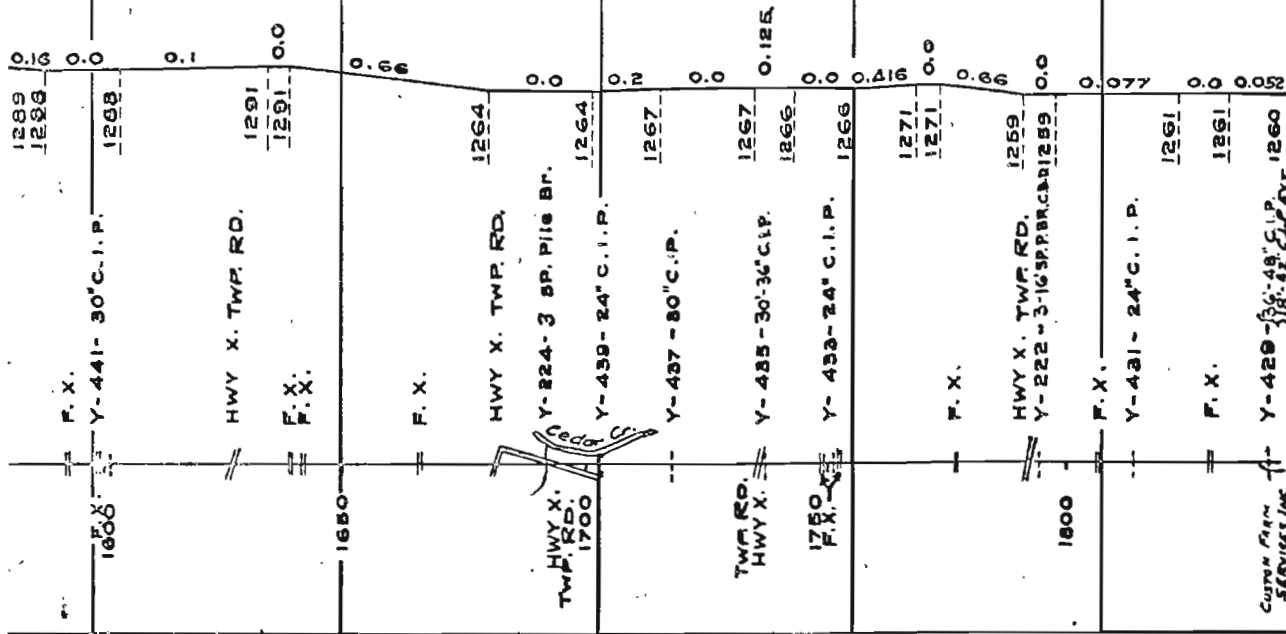
122

121

BUENA VISTA CO.

POCAHONTAS CO.

0°15'



65° 1.5. 1898

6

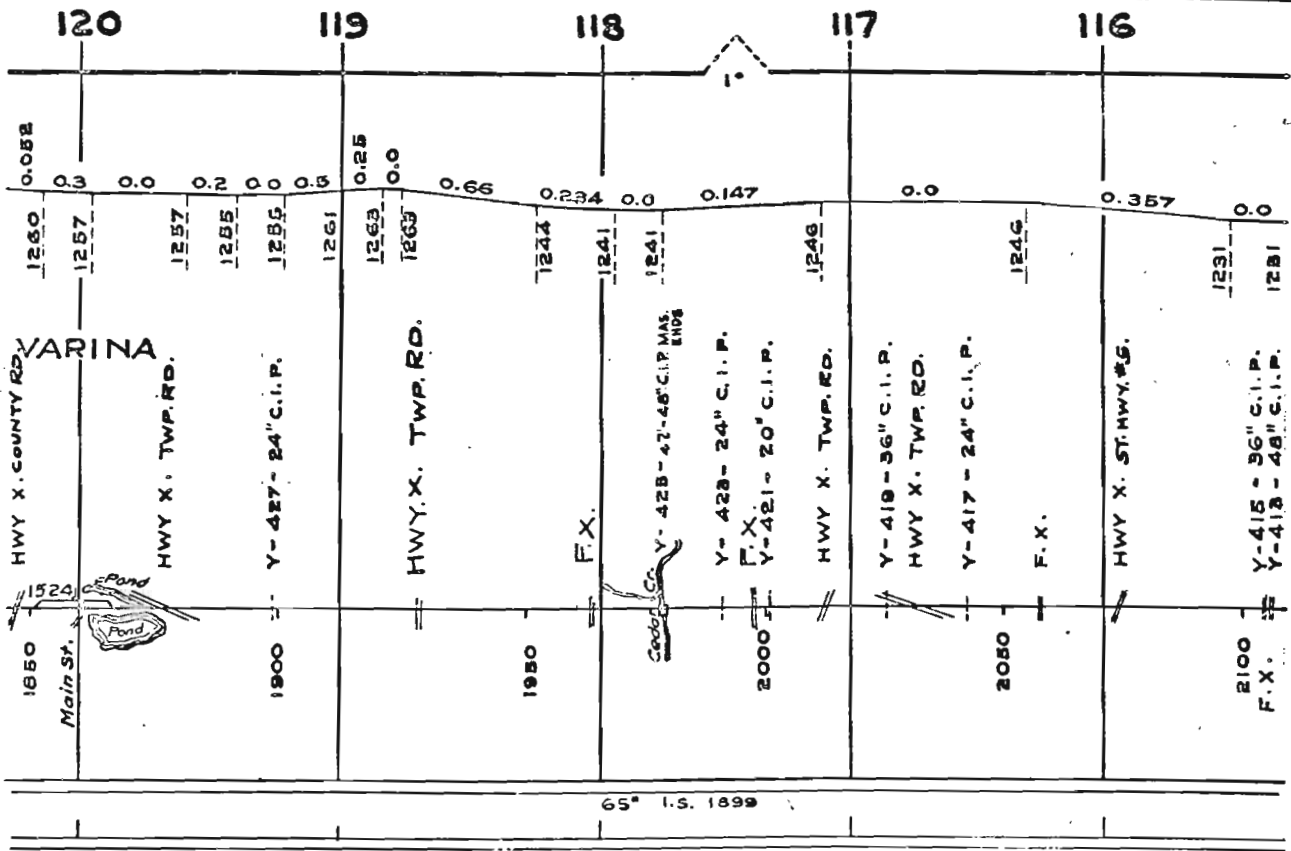
3" CINDERS 1945

4" GRAVEL 1943
(MILFORD PIT-RUN)

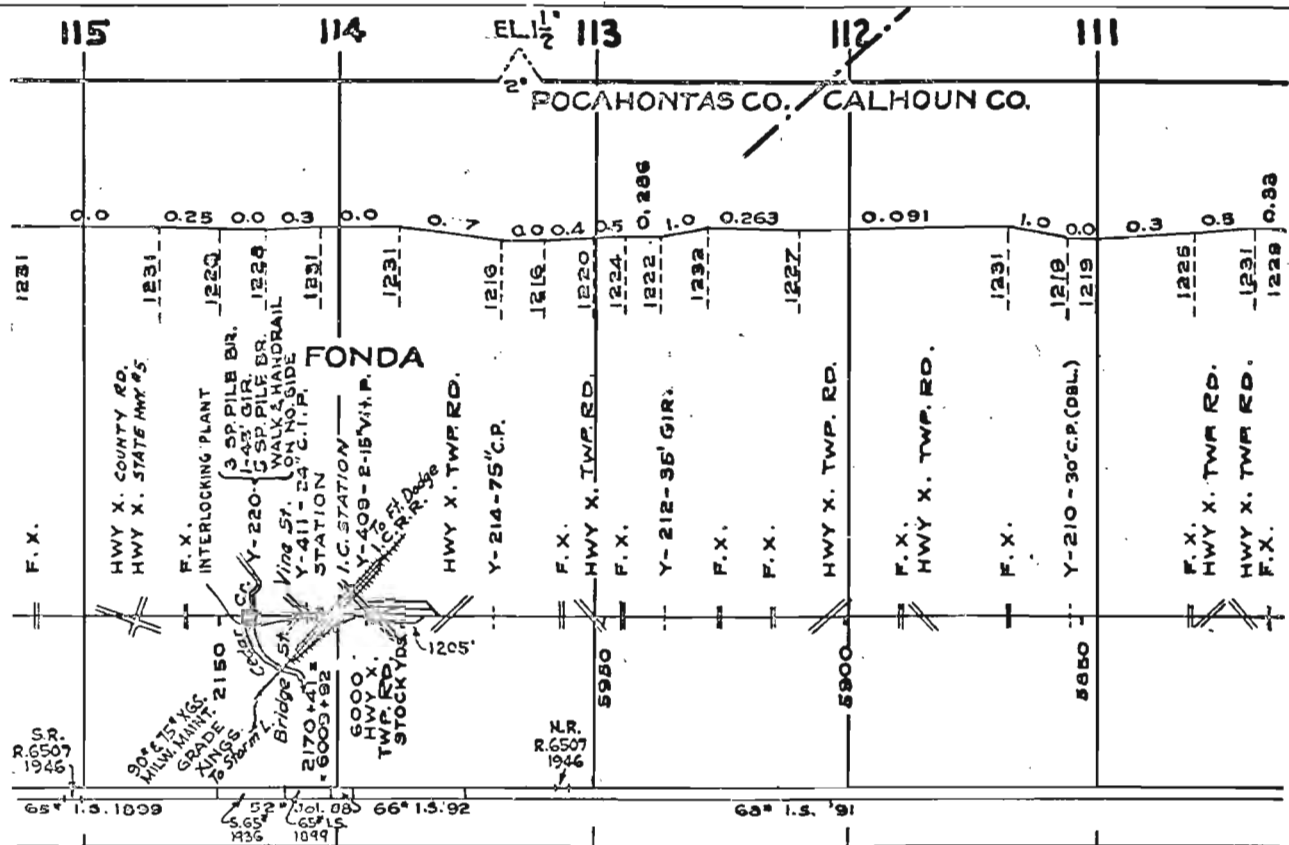
6

SURF.-WHEELER PIT RUN GR.-65

6



G



R. S.R.
66507
1946

94° 15' XSC
MILFORD MINN.
GRADE
To Storm

65° 52' 101.08
65° 54' 109.15
63° 1099

R. S.R.
15507
1946

4" GRAVEL 1943
(MILFORD PIT-RUN)

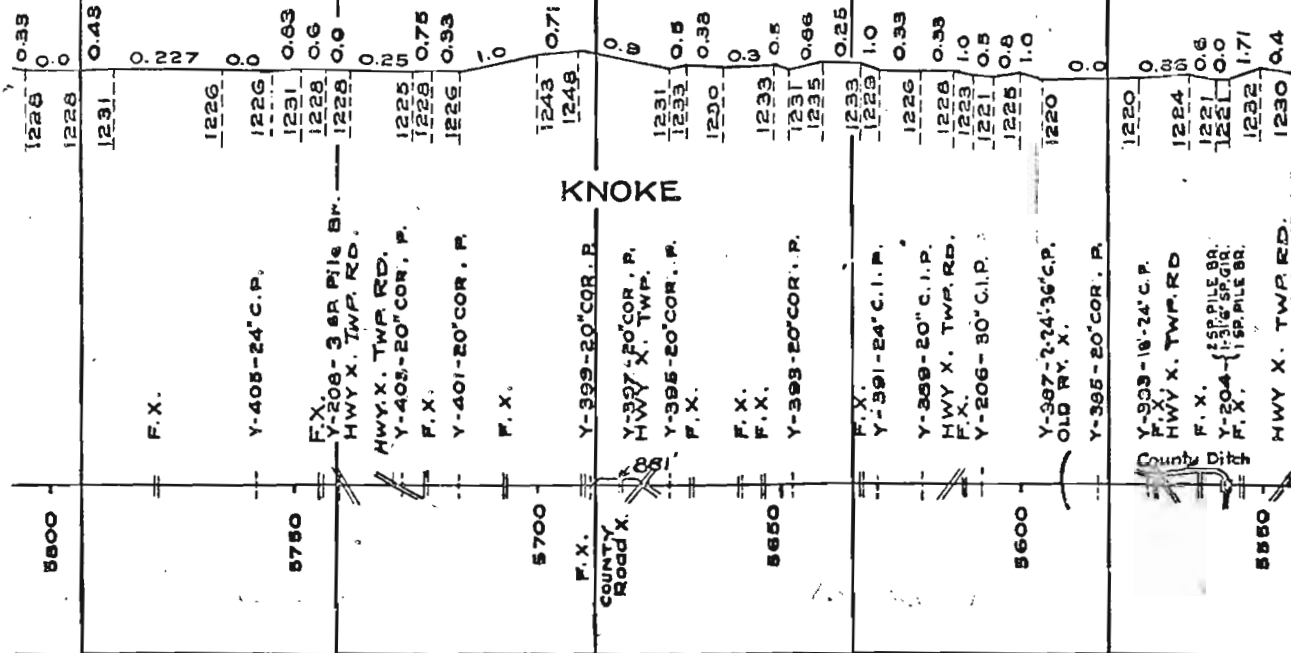
110 EL. 1 1/2

109

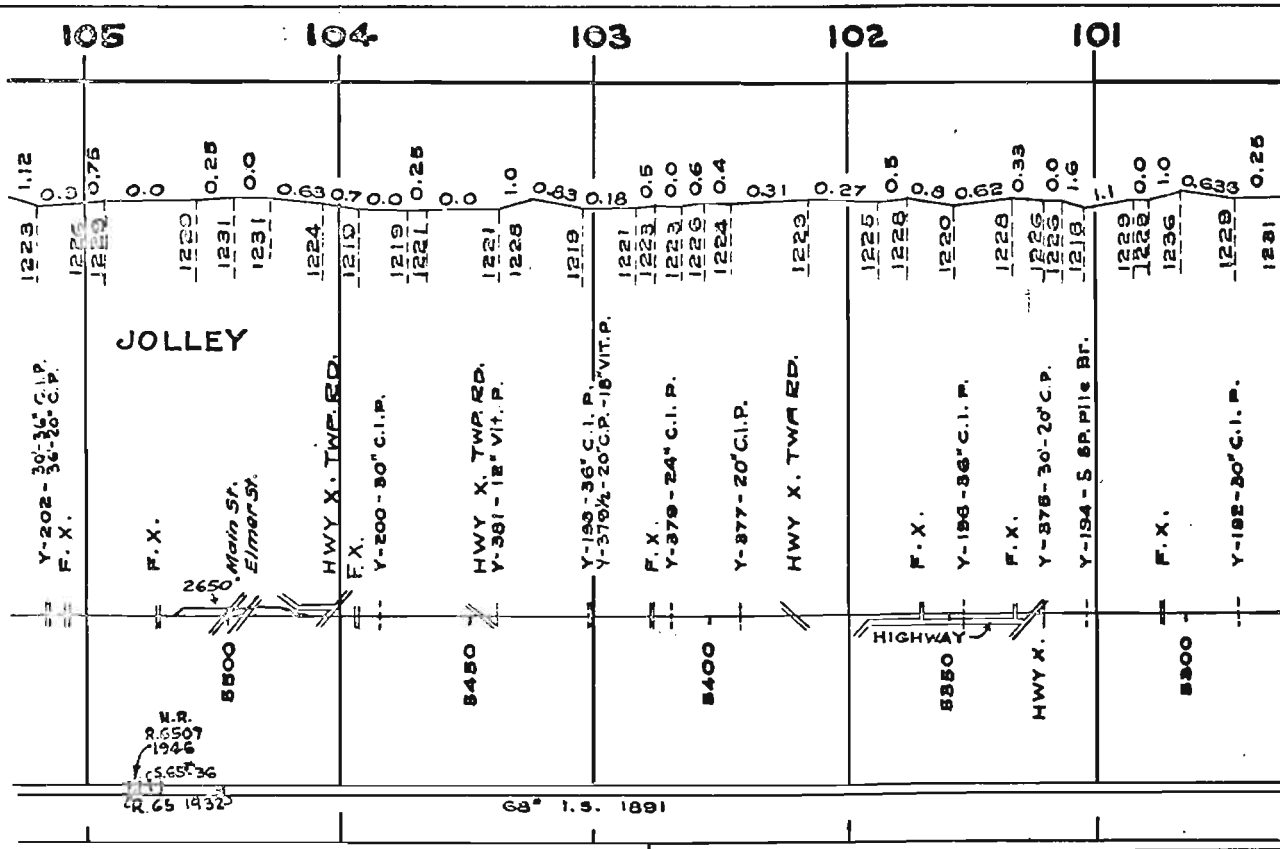
108

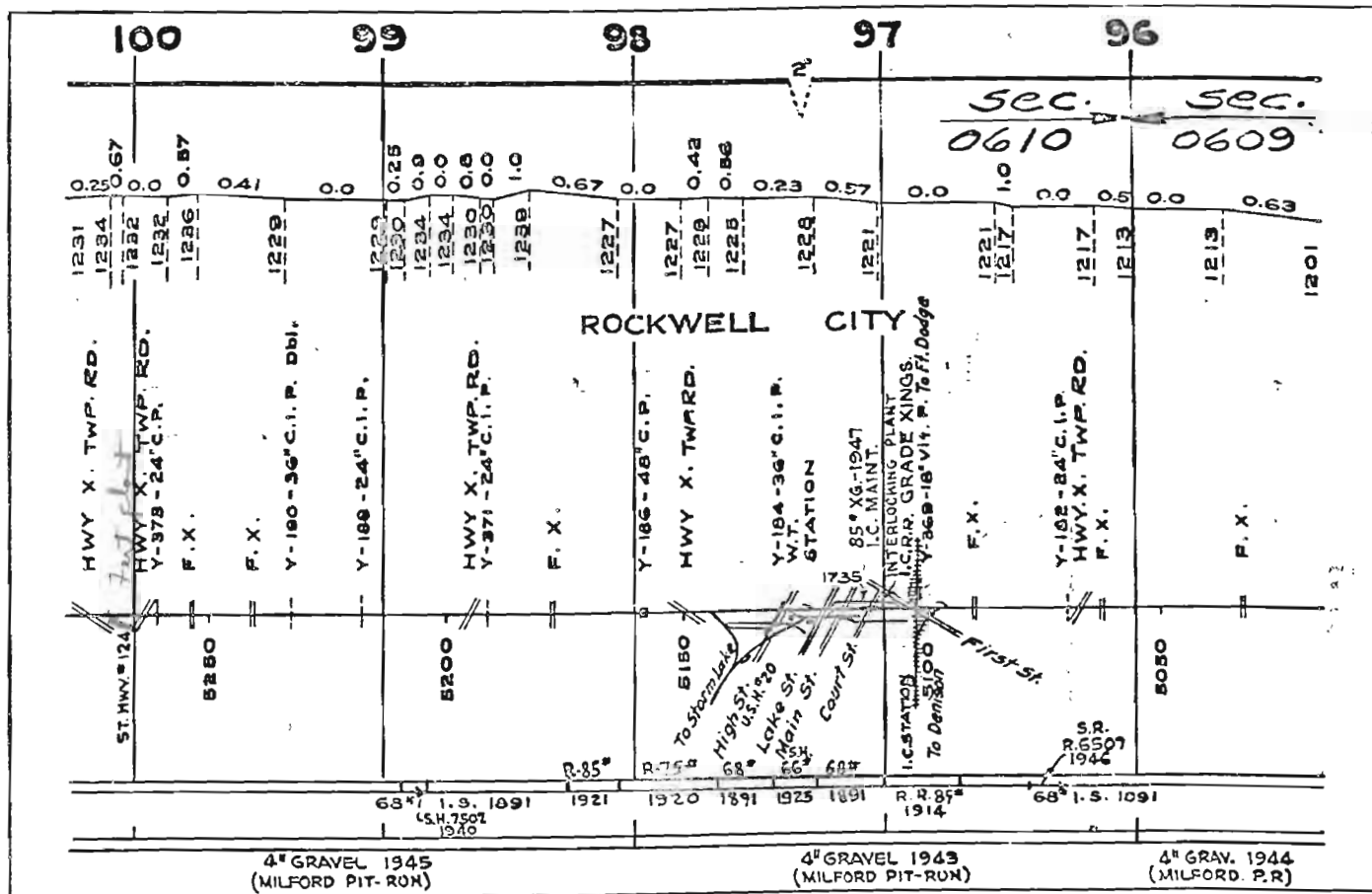
107

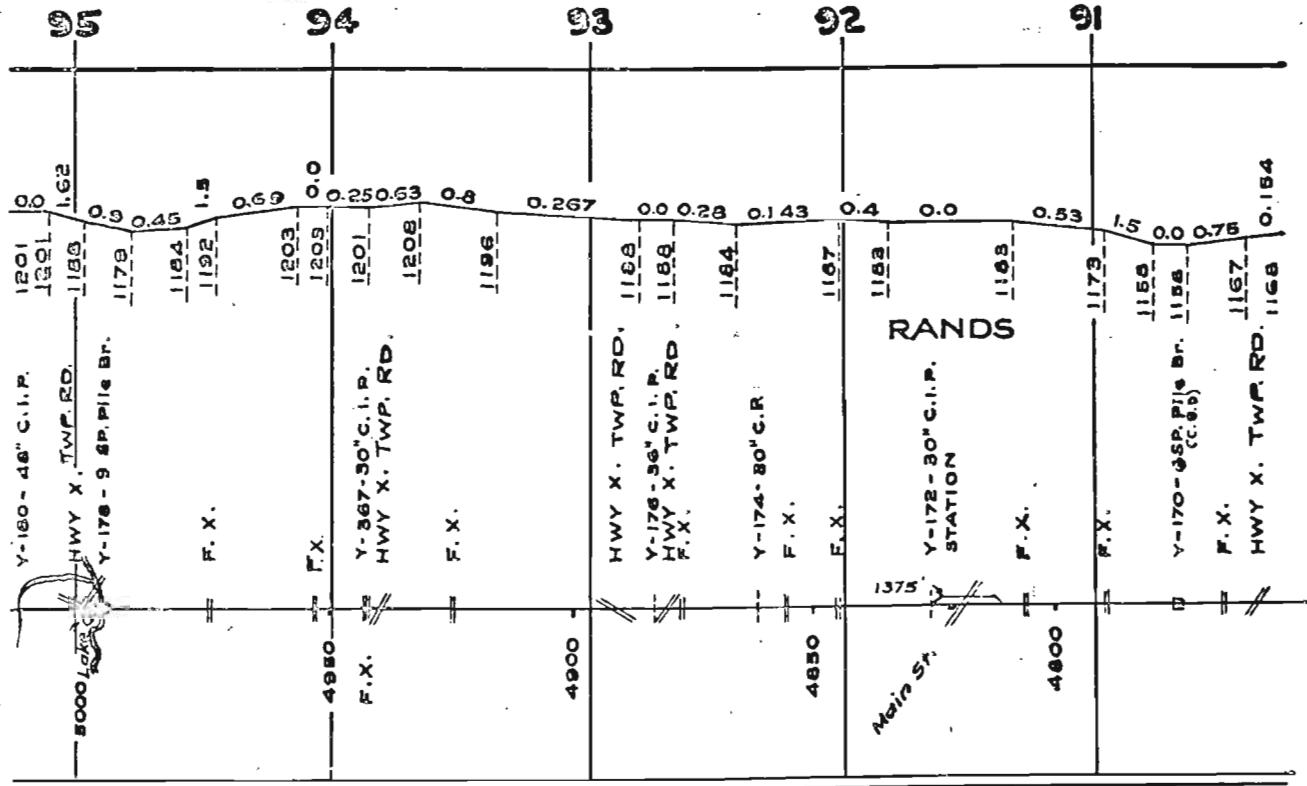
106



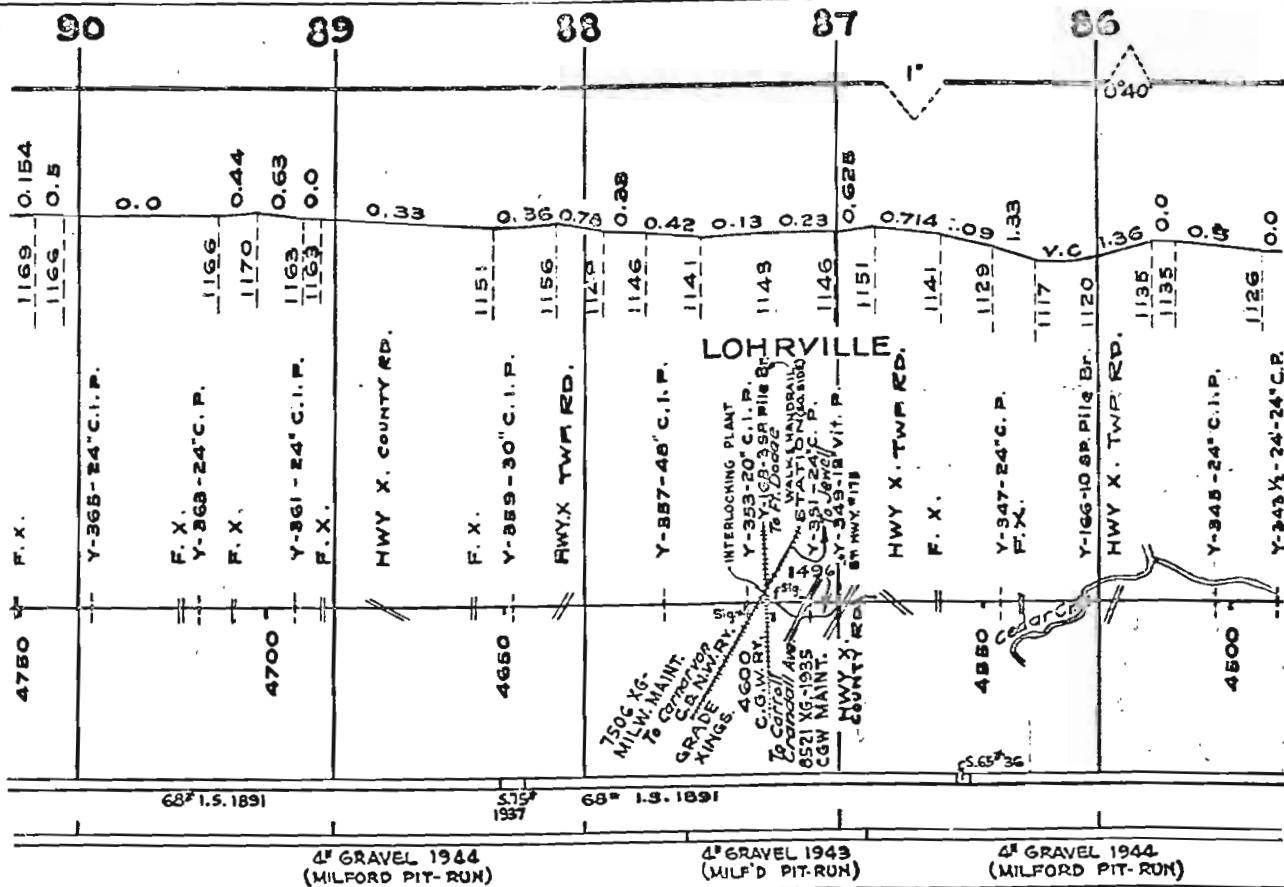
68° 1.5. 1891

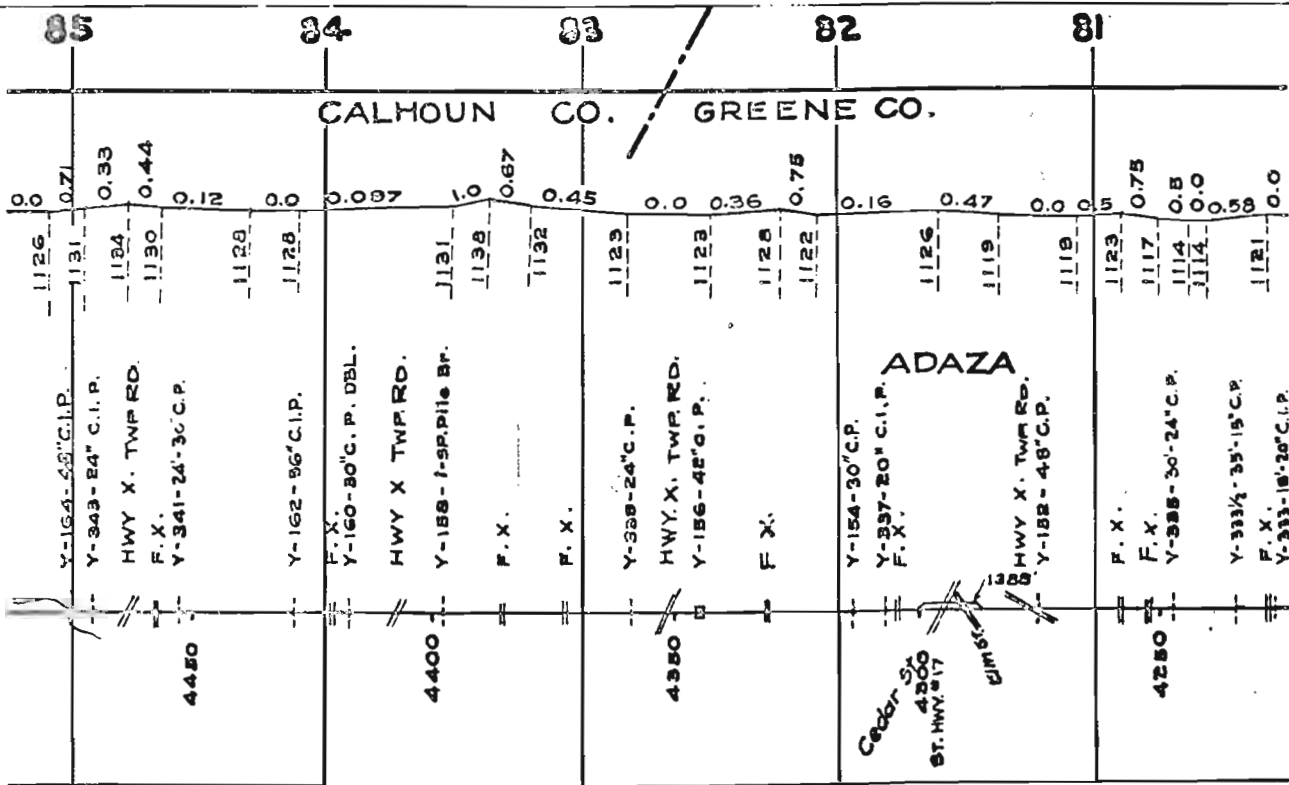






4th GRAVEL 1944
(MILFORD PIT-RUN)





CALHOUN CO. GREENE CO.

ADAZA

68° 1.5. 1891

2.6507 S.R.
1946

4" GRAVEL 1944
(MILFORD PIT-RUN)

6

80

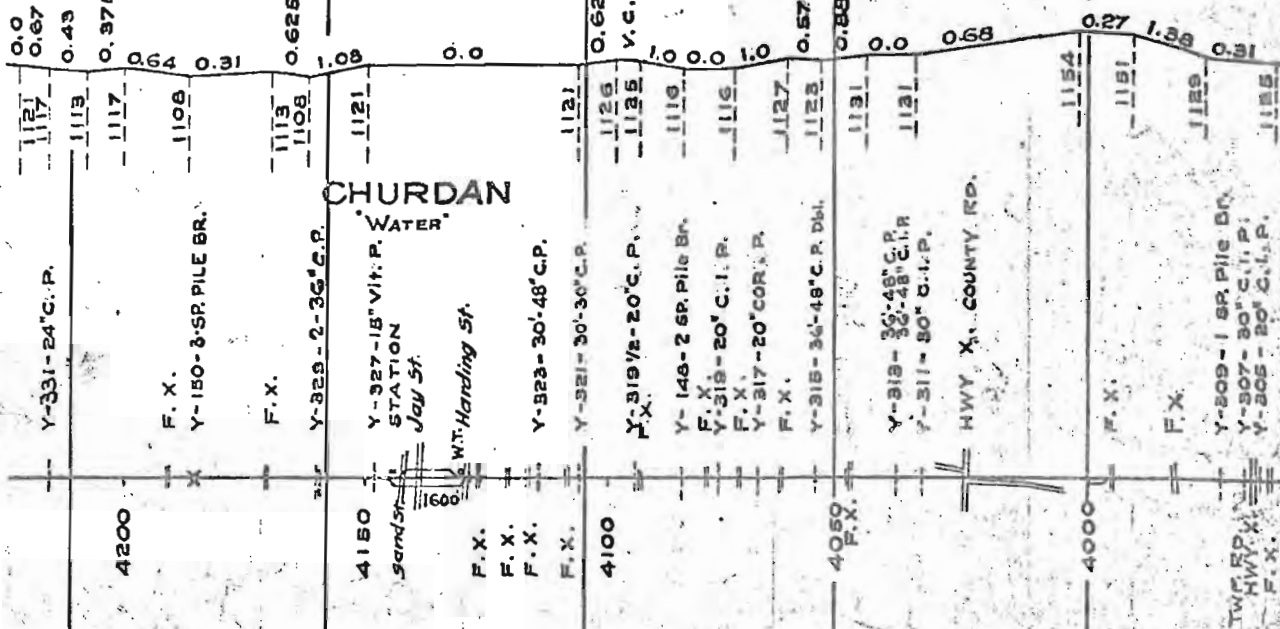
EL. 1'

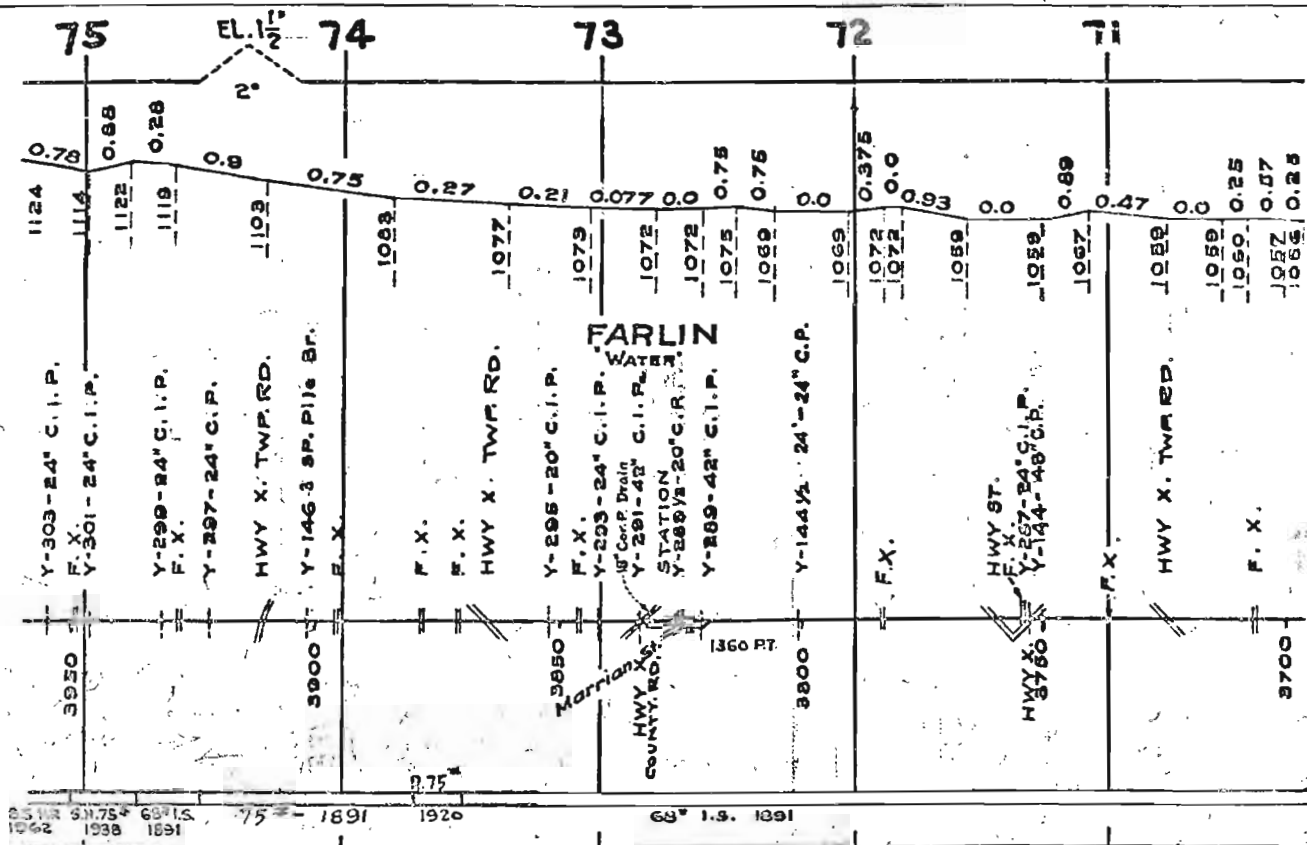
79

78

17

76





63' I.S. 1891
 1920

4" GRAVEL 1943
 (MILFORD PIT-RUN)

70

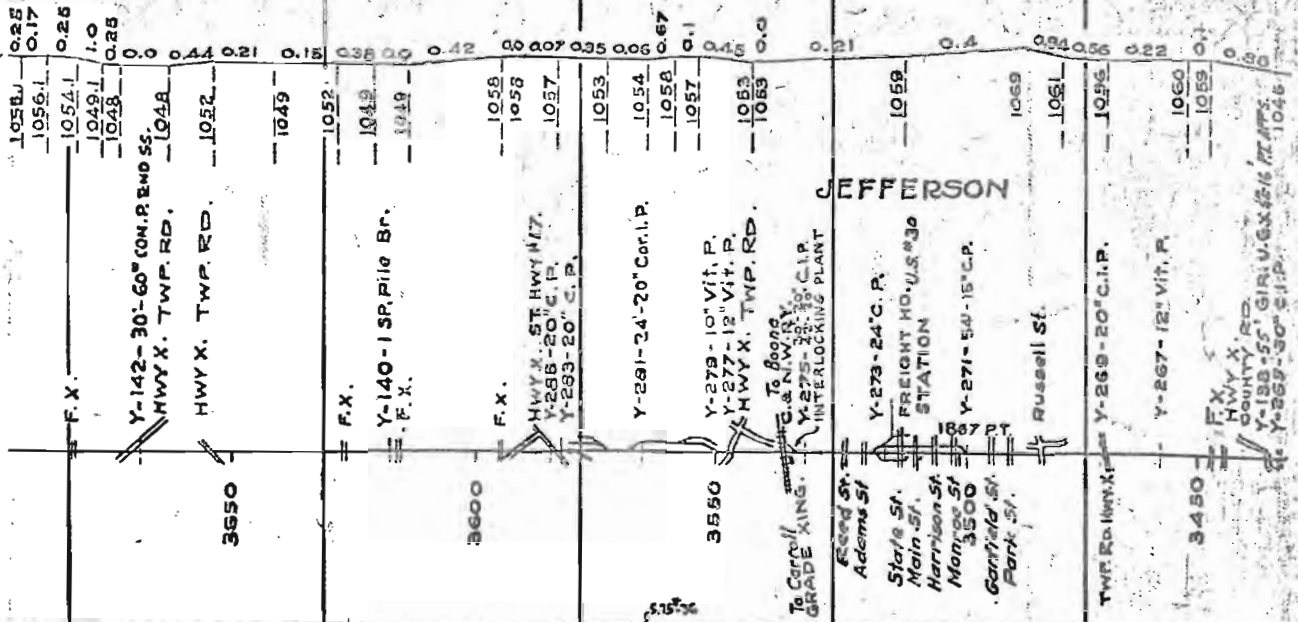
69

68

67

66

EL. 21'

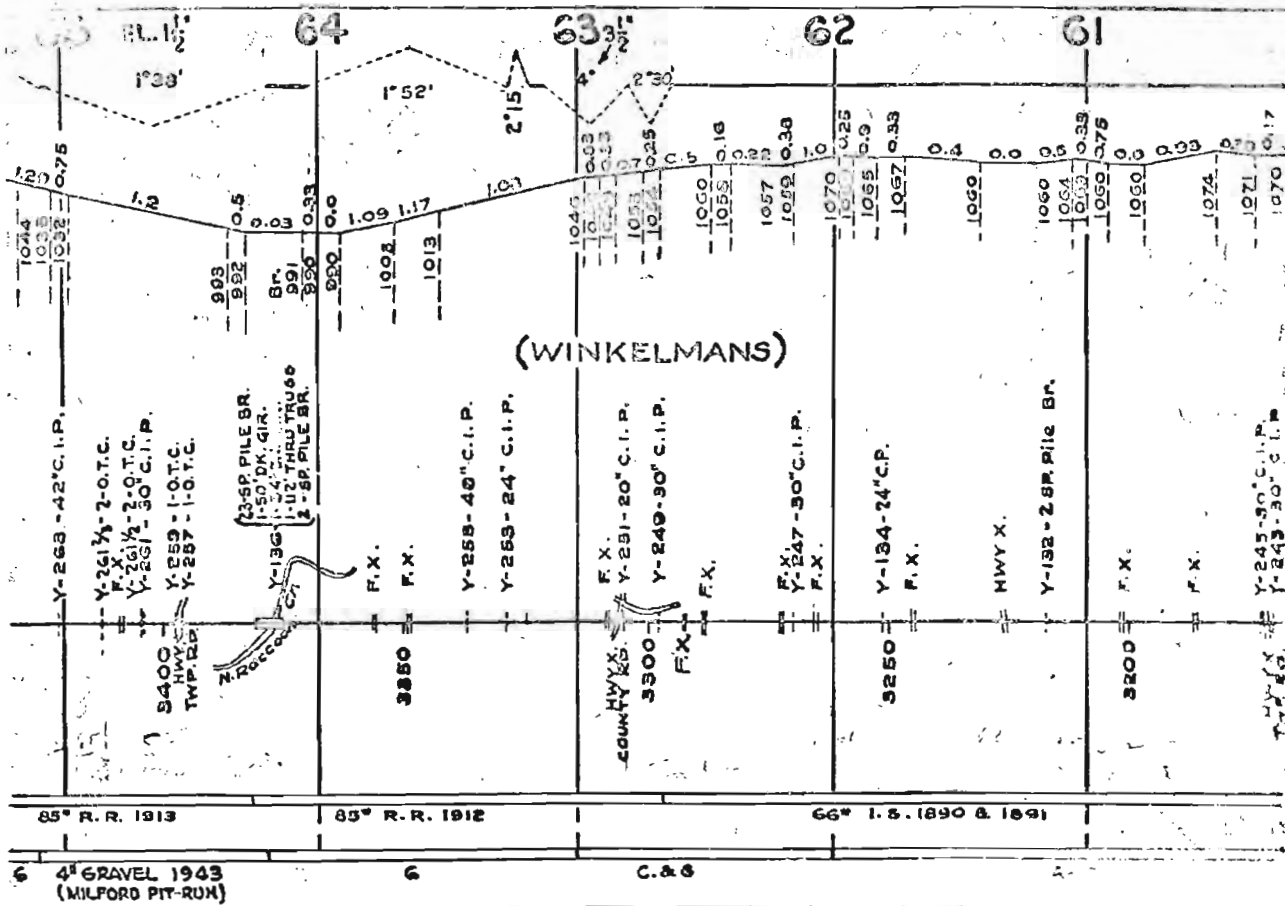


68' I.S. 1891 69' I.S. '90 & '91 68' R.R. 1915
 11228 X65-1944
 MILW. MAINT. 66' I.S. 1890 & 1891 66' R.R. 1915

4th GRAVEL 1943
 (MILFORD PIT-RUN)

6.

4th 6.43
 (MILFORD)



(WINKELMANS)

Y-263 - 42" C.I.P.
 Y-261 1/2 - 2" O.T.C.
 F.X. 3350
 Y-261 1/2 - 30" C.I.P.
 S400
 HWY X.
 TWP. RD.
 Y-259 - 1" O.T.C.
 Y-257 - 1" O.T.C.

23-SP PILE BR.
 1-50' DK. GIR.
 1-25' U.S. RAIL. BR.
 2 BR. PILE BR.
 Y-136
 N. 200' 00" CH.

F.X.
 F.X.
 3350
 Y-258 - 40" C.I.P.
 Y-255 - 24" C.I.P.

HWY X.
 COUNTY RD.
 3300
 F.X.
 F.X.
 Y-291 - 20" C.I.P.
 Y-249 - 90" C.I.P.
 F.X.
 F.X.
 Y-247 - 30" C.I.P.

5250
 F.X.
 HWY X.
 Y-134 - 24" C.P.
 F.X.
 Y-132 - 2.8 P. Pile BR.

3200
 F.X.
 F.X.
 Y-243 - 30" C.I.P.
 Y-243 - 30" C.I.P.

85° R.R. 1913

85° R.R. 1912

66° I.S. (1890 & 1891)

4th GRAVEL 1943
 (MILFORD PIT-RUN)

C. & G.

60

59

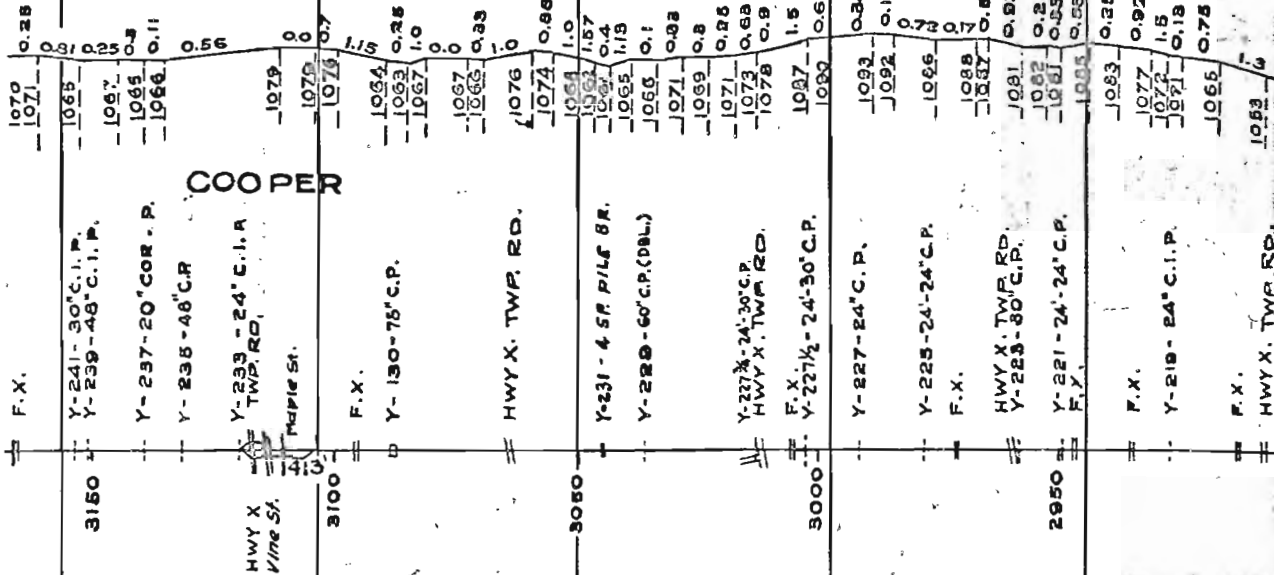
58

57

56

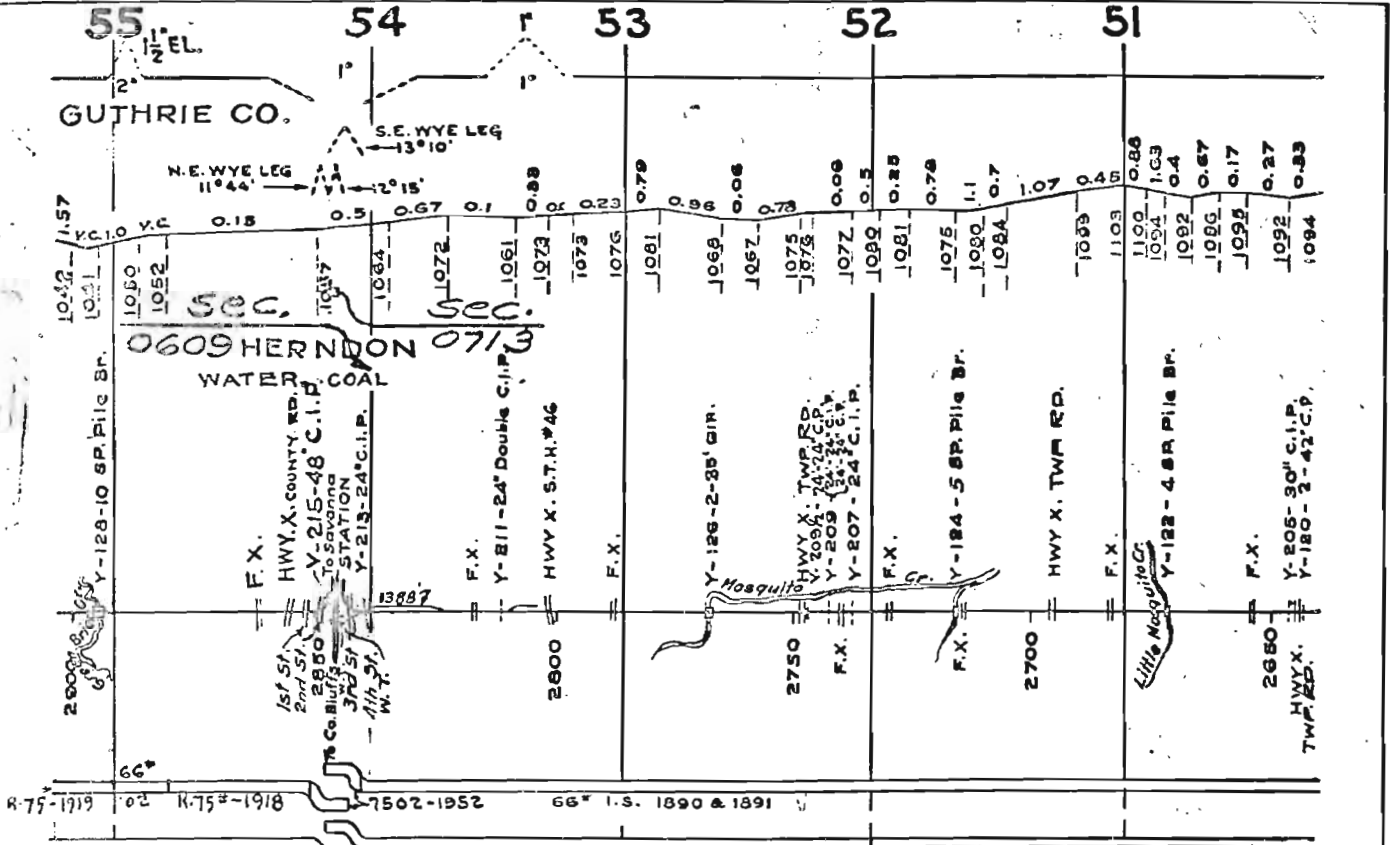
TEL.

GREEN CO.



6

3rd GRAVEL 1943
(MILFORD PIT-RUN)



R-75-1719 02 R-75#-1918 7502-1952 66' I.S. 1890 & 1891

3rd GRAVEL 1945
(MILFORD PIT-RUN)

3rd CINDERS 1945

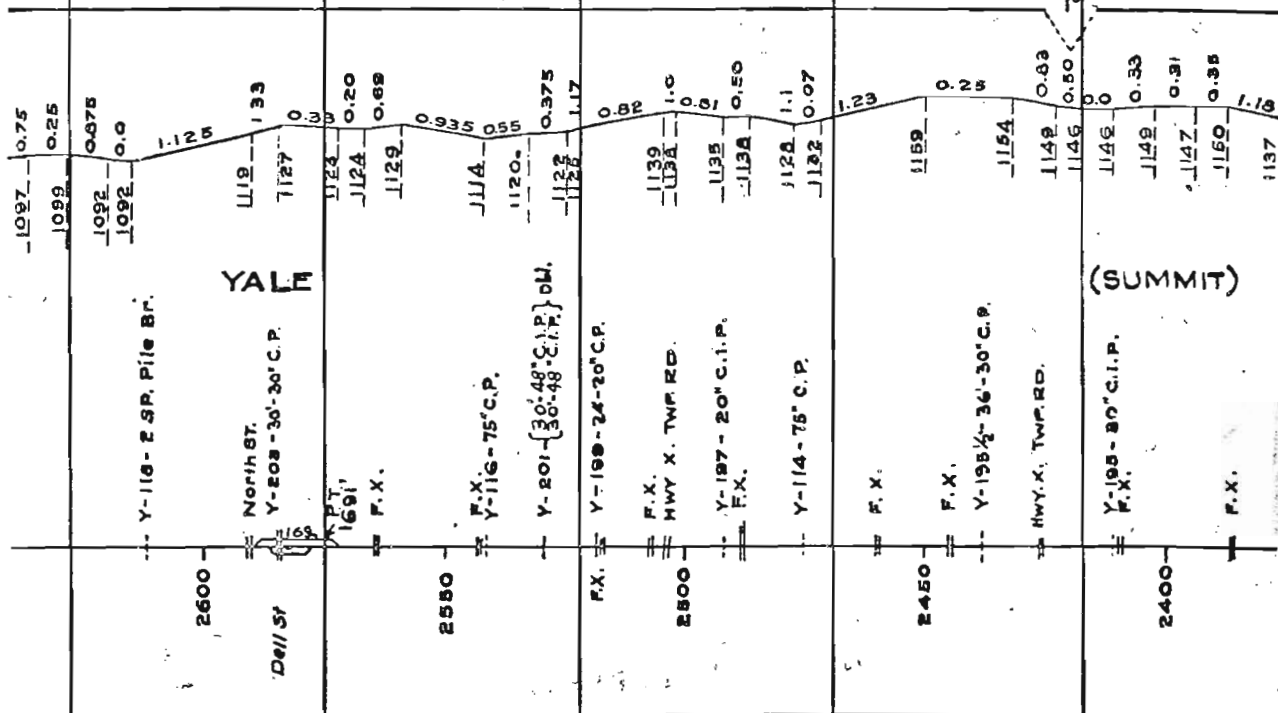
50

49

48

47

46



66' I.S. 1890 & 1891

R.R. 75-02

3" CIN.
19453" GRAVEL 1945
(MILFORD PIT-RUN)

G

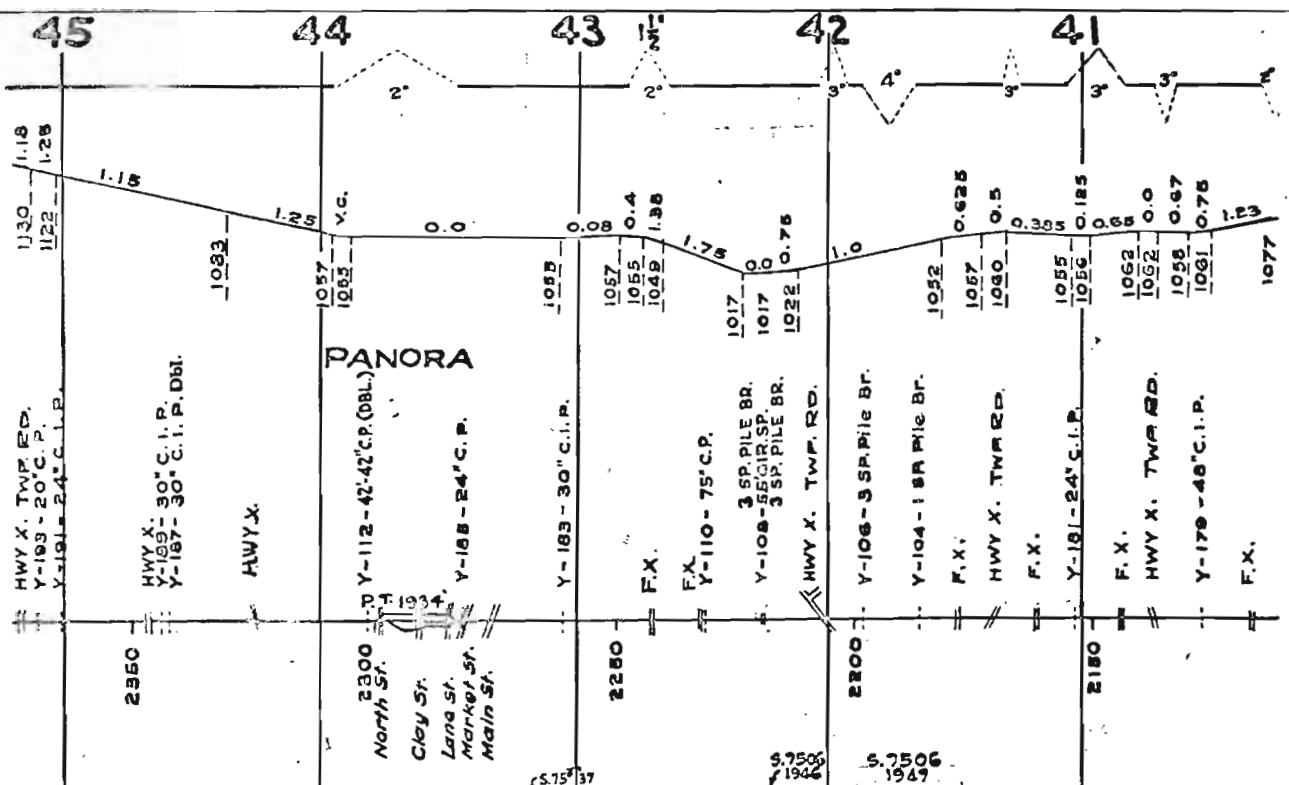
3" GRAY. 1943
(MILFORD P.R.)

G

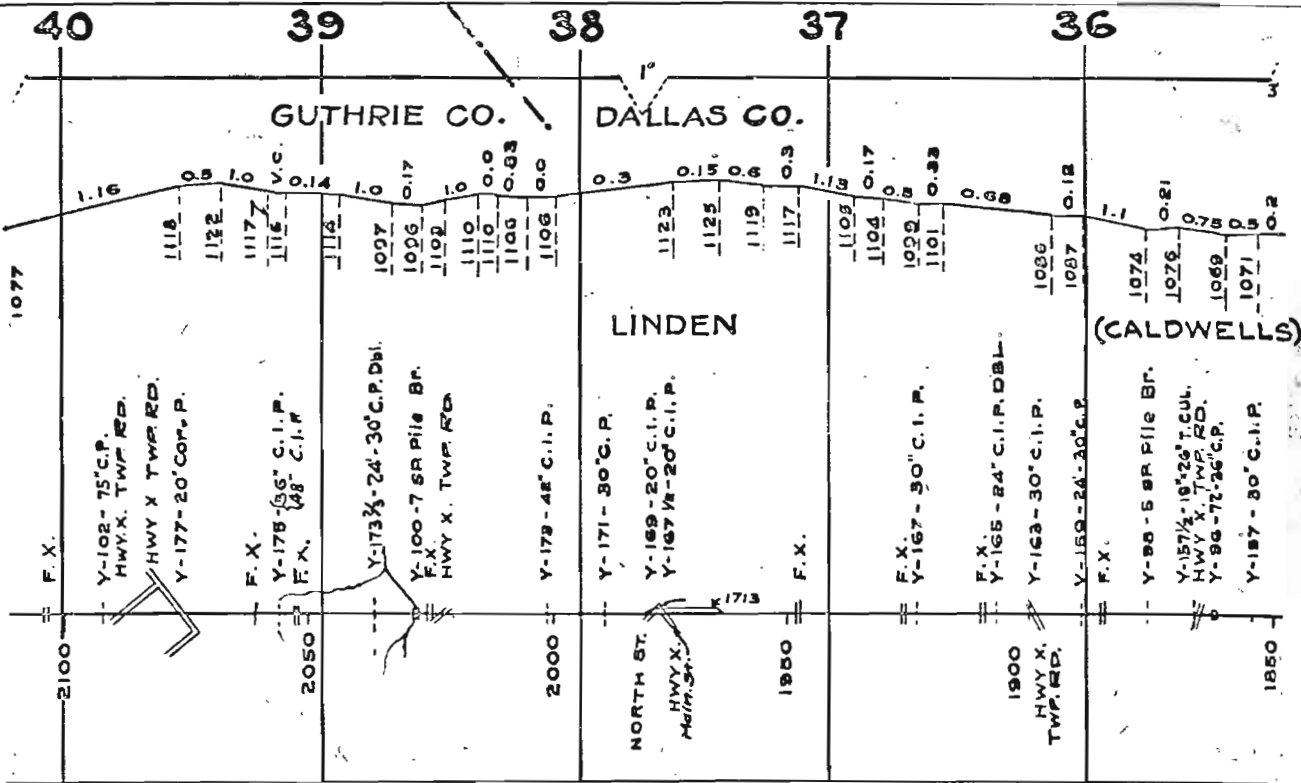
3" GRAVEL 1943
(MILFORD PIT-RUN)

G.

C-1921 3" C.
43



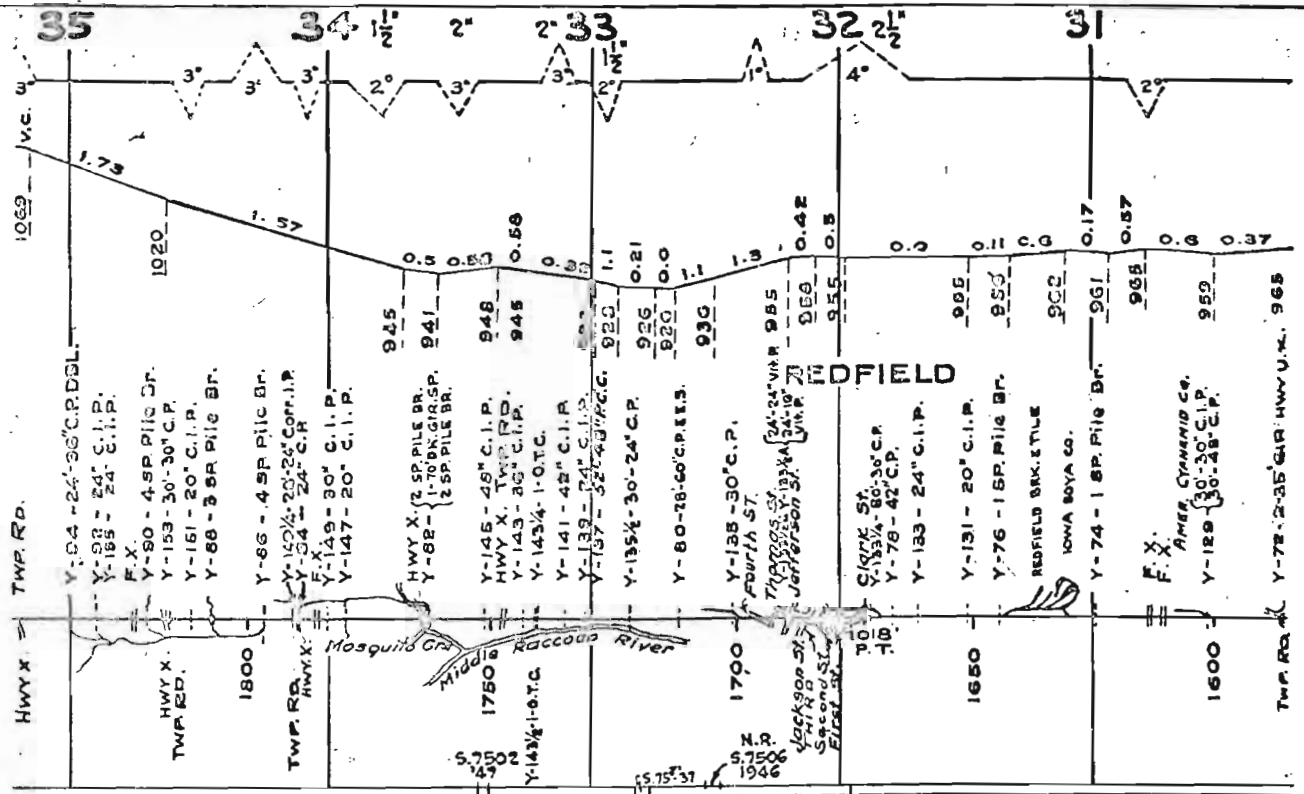
3rd CIN. 1943 C-1921 3rd CIN. 1943 G. 3rd GRAVEL 1943 (MILFORD PIT-RUN) 3rd GR. 1944 (MILFD P.R.) C-1921 G. 3rd GR. '43 (MILFD P.R.) G.



R.R. 75° (66°) - A.M.P. - 1902

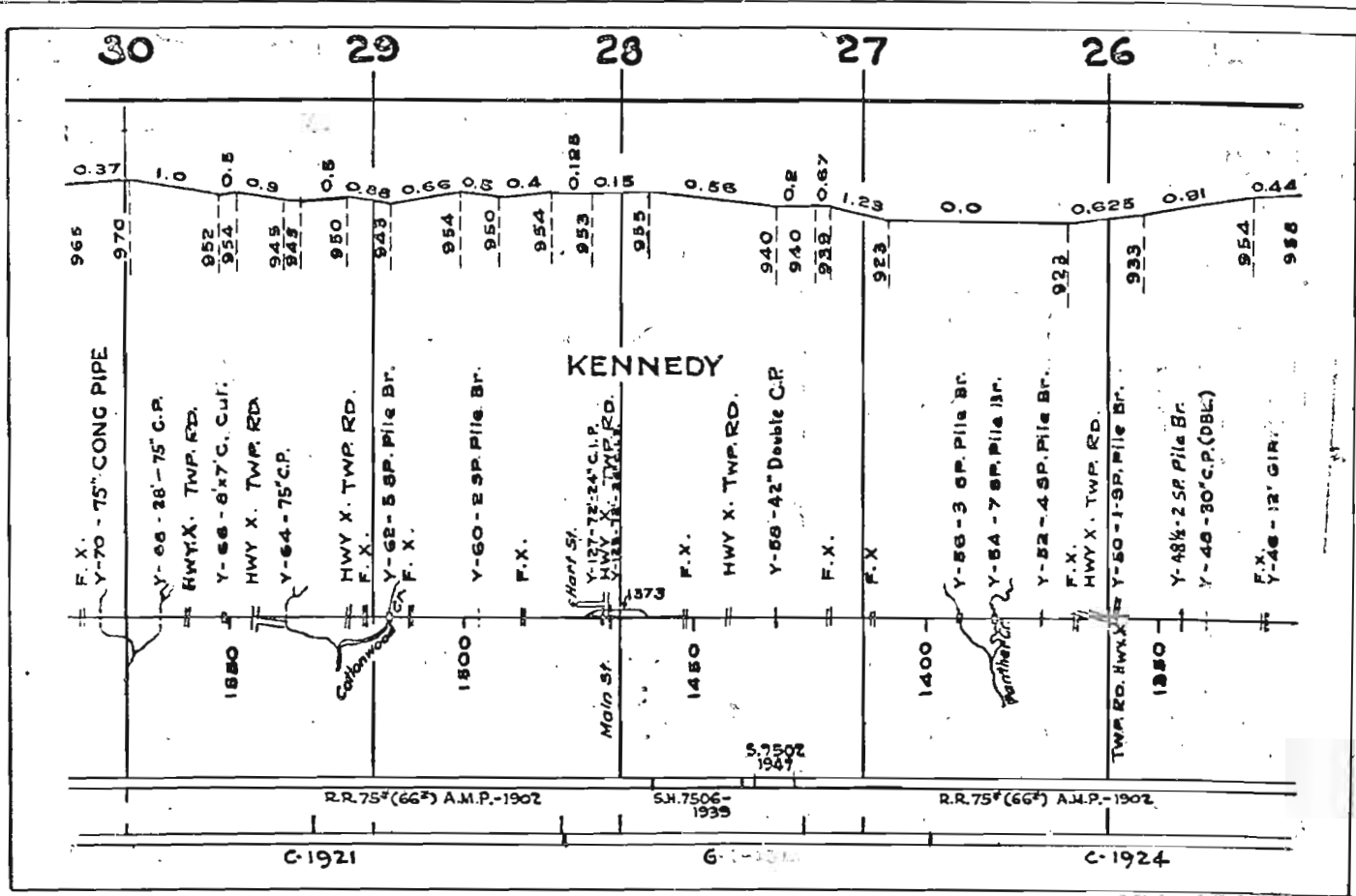
6-1918

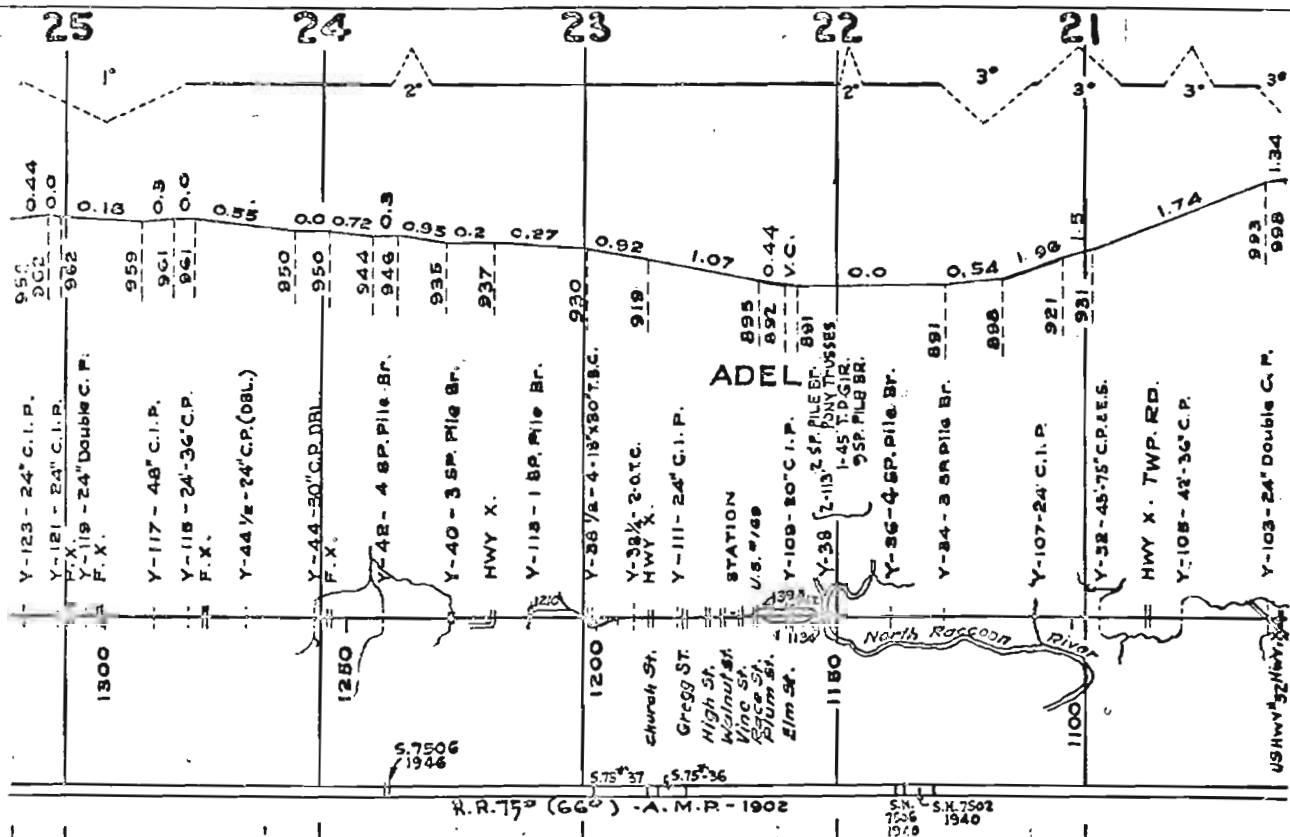
C-1921

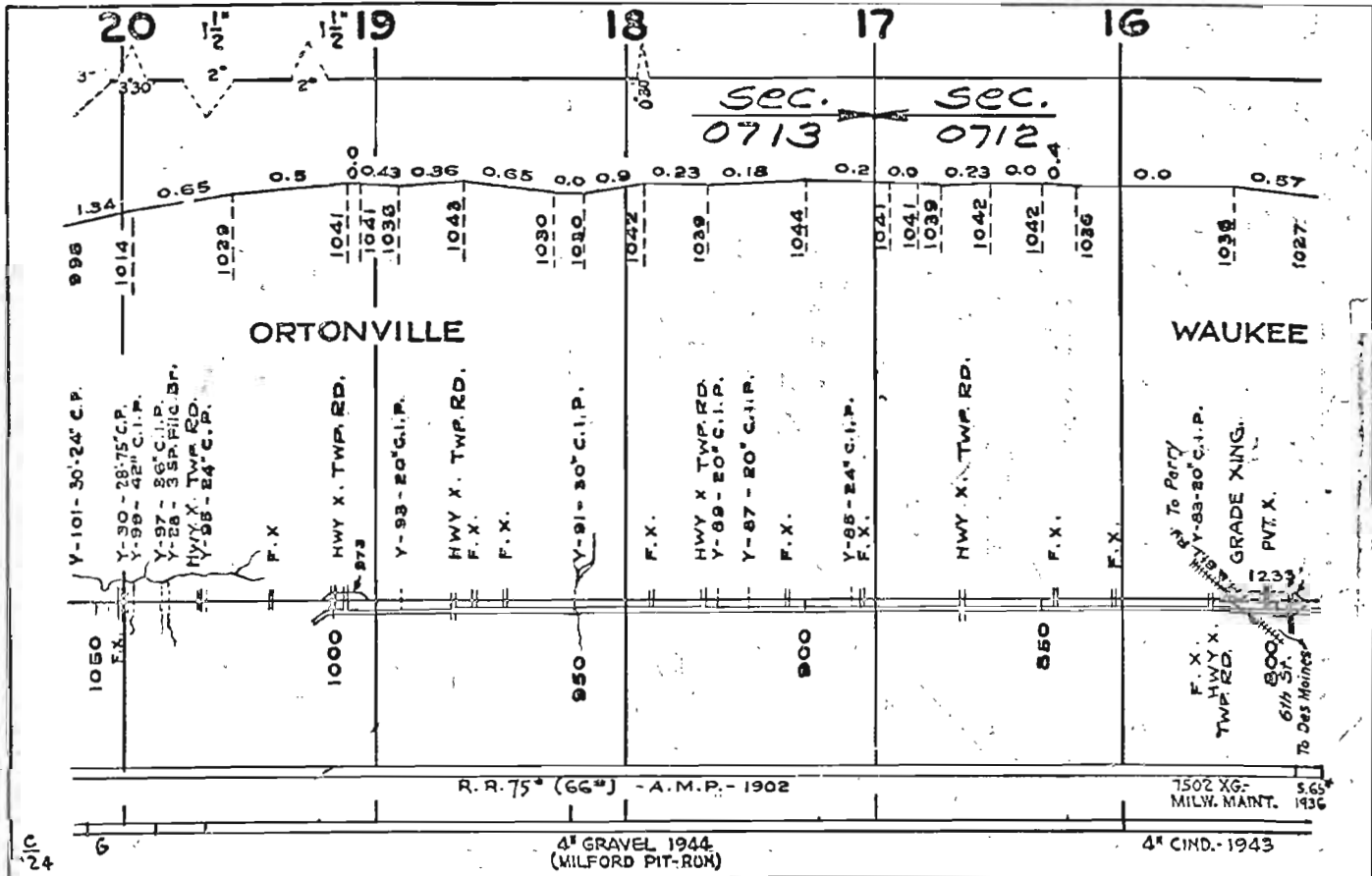


Some Curves Relaid 66° 1914

R.R. 75 (66°) - A.M.P. - 1902







RR 1502
\$ 75
1937

R.R. 75^a (66^a) - A.M.P. - 1902

4th CINDERS - 1943

4th C.M.
1944

Y-61 - 20° C.I.P.
F. X.

Y-79 - 36° C.I.P.
HWY X. TWP RD.

750

Y-77 - 24° C.I.P. DDL

HWY X.
Y-75 - 24° C.I.P.
TWP RD.

700

HADDEN HILL

F. X.
Y-79 - 36° C.I.P.
F. X.
Y-71 - 36° C.I.P.

F. X.
Y-69 - 36° C.I.P.
F. X.

650
HWY X. TWP RD
Y-67 - 36° C.I.P.

F. X.
Y-65 - 36° C.I.P.

Y-26 - 46° C.I.P. DBL.

Y-63 - 24° C.I.P.
F. X.

Y-61 - 20° C.I.P.

Y-89 - 42° C.I.P.

Y-87 - 24° C.I.P.
HWY X. TWP RD.

Y-55 1/2 - 1-e-t-e.

600

HWY X-USA.H.
1/2-e

Y-85 1/2 - 18° 20' C.I.P.

Y-55 - 46° C.I.P. DDL.

550
West St.
Y-83 1/2 - 30° 20' C.I.P.
Section 31.
Y-24 - 4 SP. Pile In.
STOCK YDS. 877
Y-53 - 36° C.I.P. 877
PLANT-2M 877
Y-51 1/2 - 60° 24' C.I.P. 870

918

0.03

0.63

0.0

0.54

870

1027 0.0

1021 0.27

1035 0.6

1035 0.0

1035 0.0

1026 0.2

1036 0.25

1031 0.71

1025 1.0

1015 0.6

1015 0.0

1013 0.5

1019 0.0

1014 0.2

1010 0.8

15

14

13

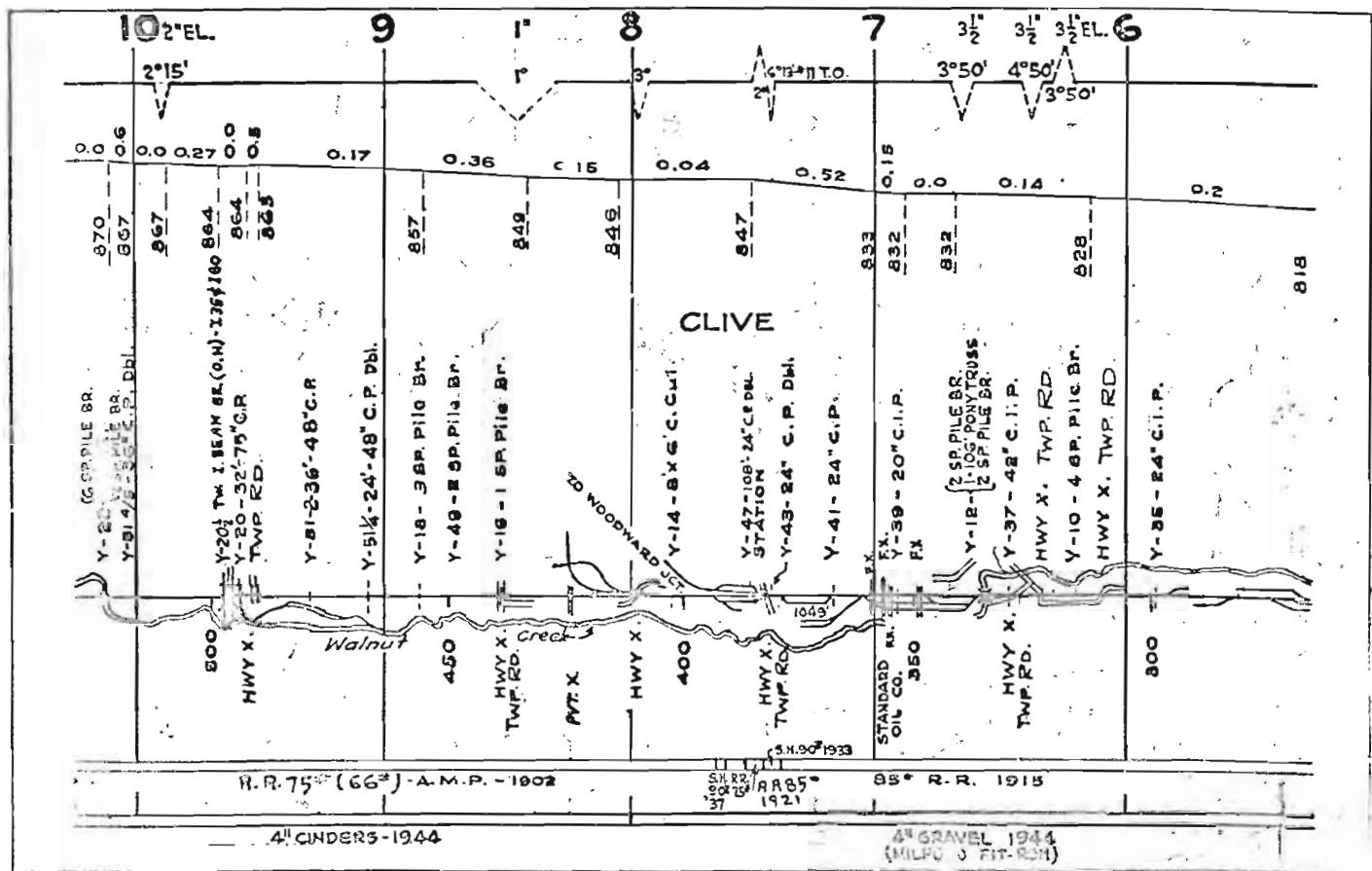
2nd 12

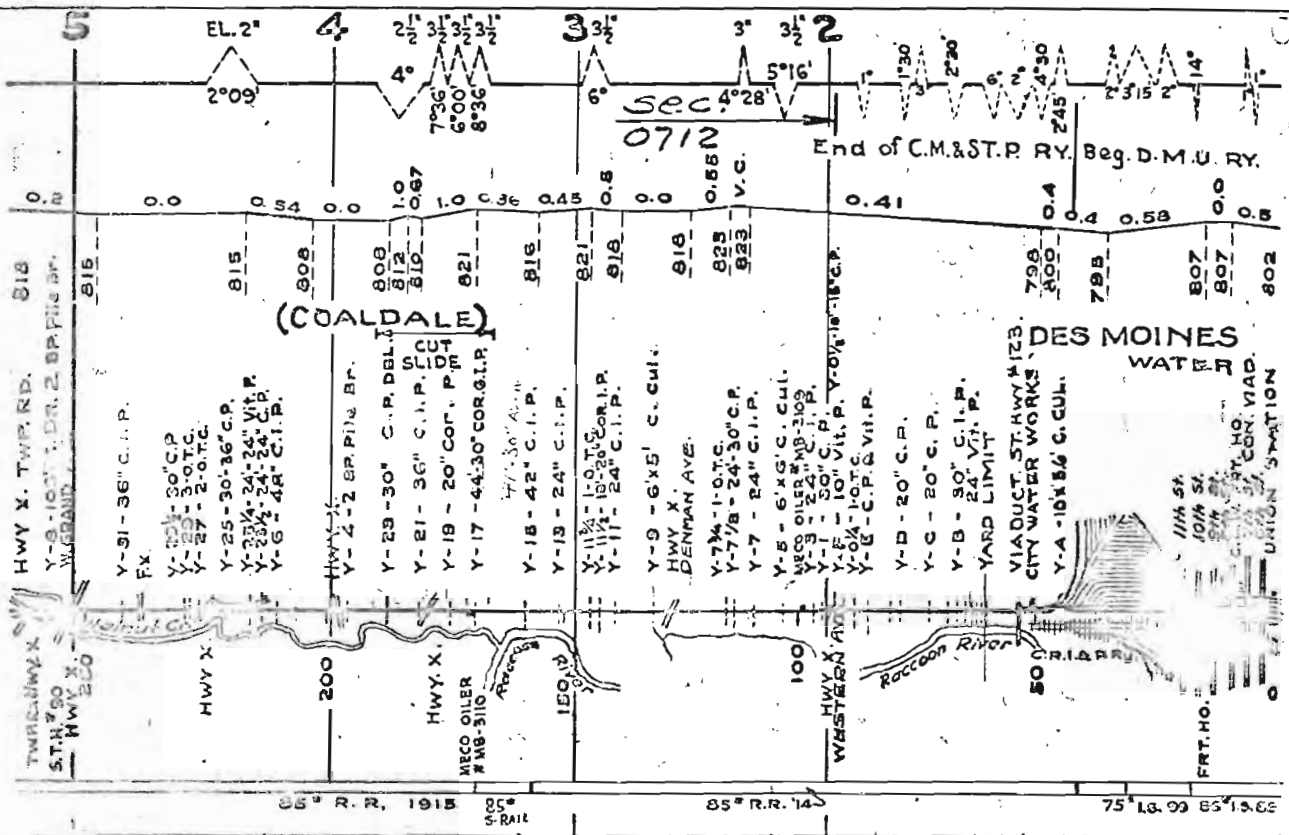
11

2nd EL.

DALLAS CO.
POLK CO.

(CAMPBELL)





41 CAVEL 1944
(MILFORD PIT-RUN)

C-1921

NOTE:- PAGES - 55-56-57-58- BLANK

--	--	--	--	--

--	--	--	--	--

(KURSTVILLE)

35

34

33

32

31

TRACKAGE TAKEN UP

SEC.
0504

JAN. 1934

118+04	100	50	1650	1600	
1 STOCK YDS. H-832 O-H-HWY. X. F-6 SP.PILE BR. H-711-30° C.I.P.	HWY. X. TWP. RD. H-707-15° SP. PILE H-707-30° C.I.P. H-705-30° C.I.P. HWY. X. VS. HWY. #6 H-703-30° C.I.P.	MAQUOKETA H-830-15° S. STR. (15 SP. PILE BR. (10-SP. PILE BR. H-701-24° C.I.P. SUMMIT ST.	END OF TRACK 15+50 EQUATION 1700 H-697-24° C.I.P. Clinton Mech. Co. Spur	MAQUOKETA STATION STATE HWY. #64 H-828-90° C.P. HWY. X. Maple St. H-826 1/2 - 2 OF C.T.B.	HWY. X. H-695-36-36° C.P. H-826 1/2 - 2-O.T.CUL H-826-5 SP. PILE BR.-F.X. H-824-11 SP. PILE BR. H-693-24° C.I.P. H-691 1/2 - 2-O.T.CUL. H-820-4 SP. PILE BR. H-818-4 SP. PILE BR. HWY. X. TWP. RD. H-816-5 SP. PILE BR. H-814-24-42° C.P.
5	1.4 0.35 1.0 0.5 0.0	1.4 0.35 1.0 0.5 0.0	1.5	0.45	
670 675 677 678 679 680	670 675 677 678 679 680	670 675 677 678 679 680	727 727	702 700 699 698 698 696	
1.42 0.6 0.0 0.5 0.5 0.0	1.42 0.6 0.0 0.5 0.5 0.0	1.42 0.6 0.0 0.5 0.5 0.0	0.0	0.25 0.75 0.0 0.0 0.0	
5	5	5	0.0	0.0	

JAN. 1934

SEC.
0504

JAN. 1934

SEC.
0504

60°

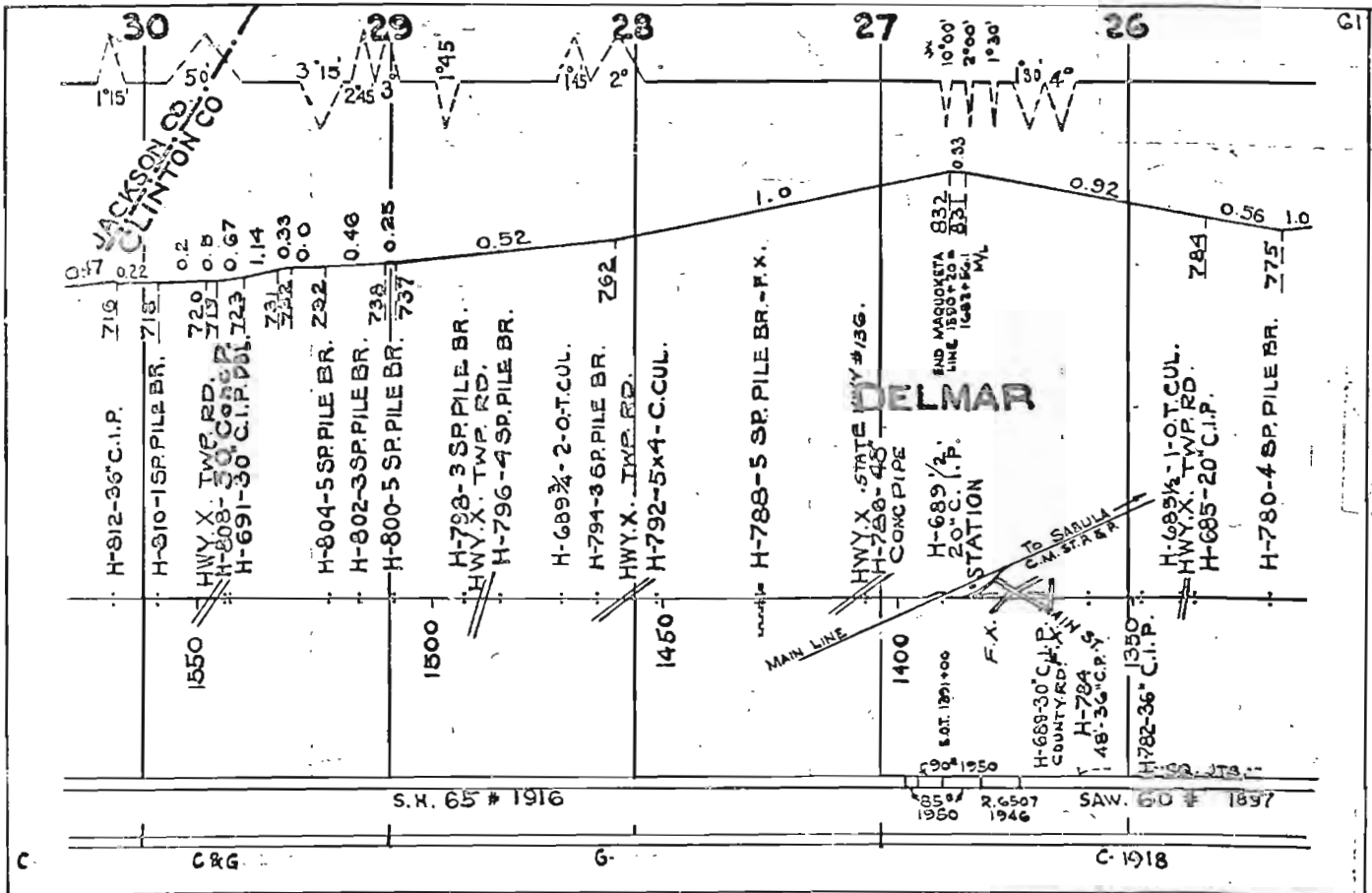
S.H. 65 # 1916

S.H. 65 # 1945

S.H. 65 # 1916

1916

C & G - 103



62

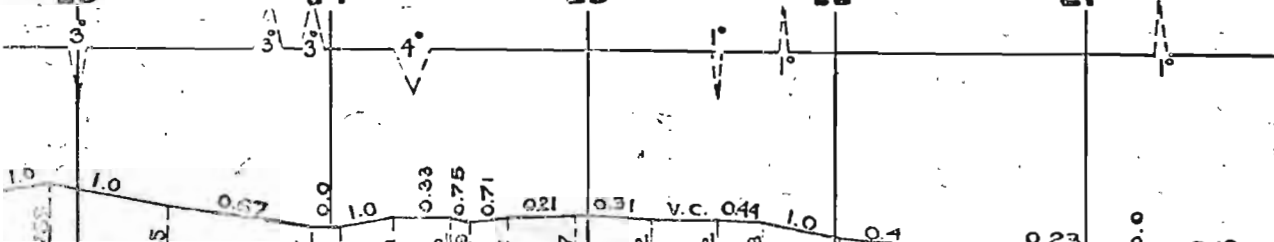
25

24

23

22

21



H-663-20" C.I.P.
HWY. TWP RD.
H-778-48" C.I.P.

H-776-13 SP. PILE BR. 745
H-774- 2 SP. PILE BR. 745

H-679-20" C.I.P.
H-677-42" C.I.P.

H-675 3/4-3-0 T.CUL.
HWY. X. TWP RD.
H-675 1/2-3-6 C.P.
H-772-18x18 T.B.C. 4 OPEN. 757

H-675-36" C.I.P.
H-770-2 SP. PILE BR.

H-673 1/2-4-0 T.CUL.
H-768 1/2-30x36" C.G.I.
HWY. X. TWP RD

H-768-2 SP. PILE BR. 731

H-766-4 SP. PILE BR. 729

H-673-30" C.I.P.
H-671 1/2-24'-42" C.P.
H-764-3 SP. PILE BR.

H-766 1/2-10 SP. PILE BR. 714

HWY. X. US. HWY. 661.
H-762-2 SP. PILE BR.
H-671-20" C.I.P.

--- SQUARE JOINTS ---

SAW. 60# 1657

C-1918

C & G.

E.S.

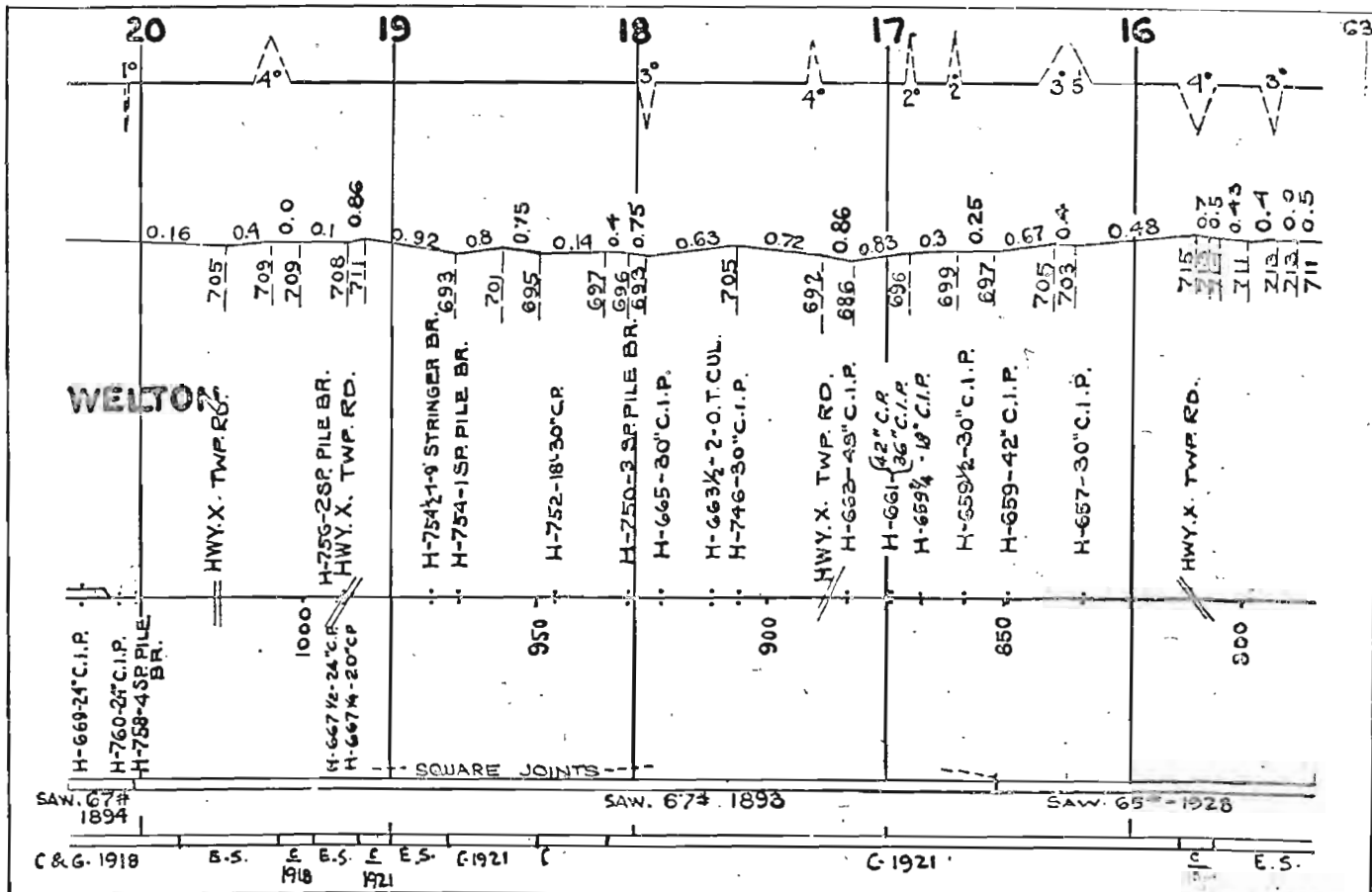
C & G.

E.S.

C

E.S.

C & G



64

15

14

13

12

11

H-655-24" C.I.P.
HWY. X. TWP. RD.

H-653 1/2 - 2-O.T. COL.
H-653 1/4 - 3-O.T. COL.

H-723-36" PILE BR.

H-653 1/2 - 2-O.T. COL.

H-653-20" C.I.P.

H-736-42" C.I.P. DBL.

H-651-24" C.I.P.

0504
0504

DEWITT

H-734 1/2 - 9" STRINGER BR.

H-647 36" C.I.P.

H-734-2-SP. PILE BR.

H-645 1/2 - 30" C.I.P.

H-732-36" C.I.P.

H-645-24" C.P.

H-643-30" C.P. DBL.

H-730-3-SP BR.

HWY. X. TWP. RD.

H-728-23-SP. PILE BR.

711
711

703
707
707

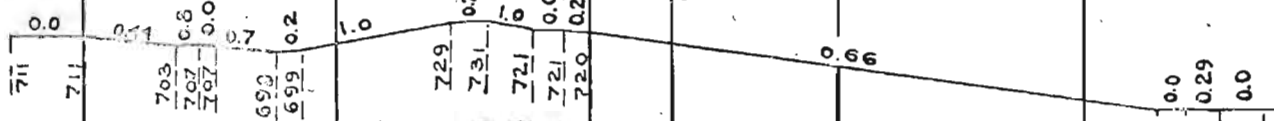
699
699

729
731

721
721
720

666
666

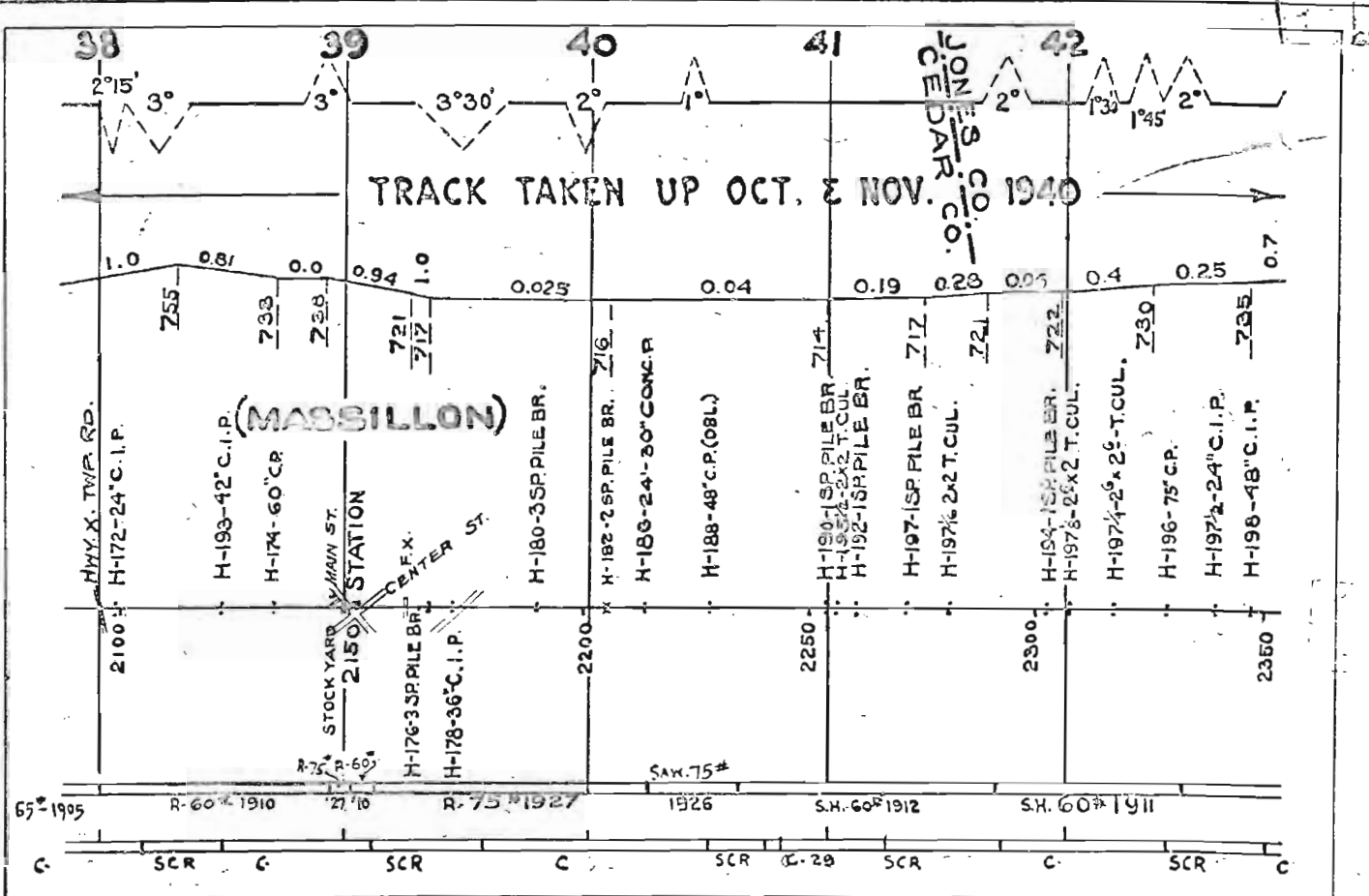
641
641
639
639



1928 SAW. 67 # 1894 SAW. 67 # 1853 67 # 1894 67 # 1894

E.S. C 1921 E.S. C E.S. G E.S. E.S. C

MAQUOKETA



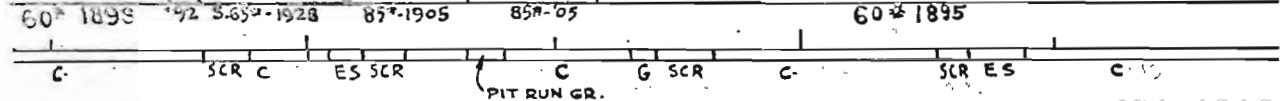
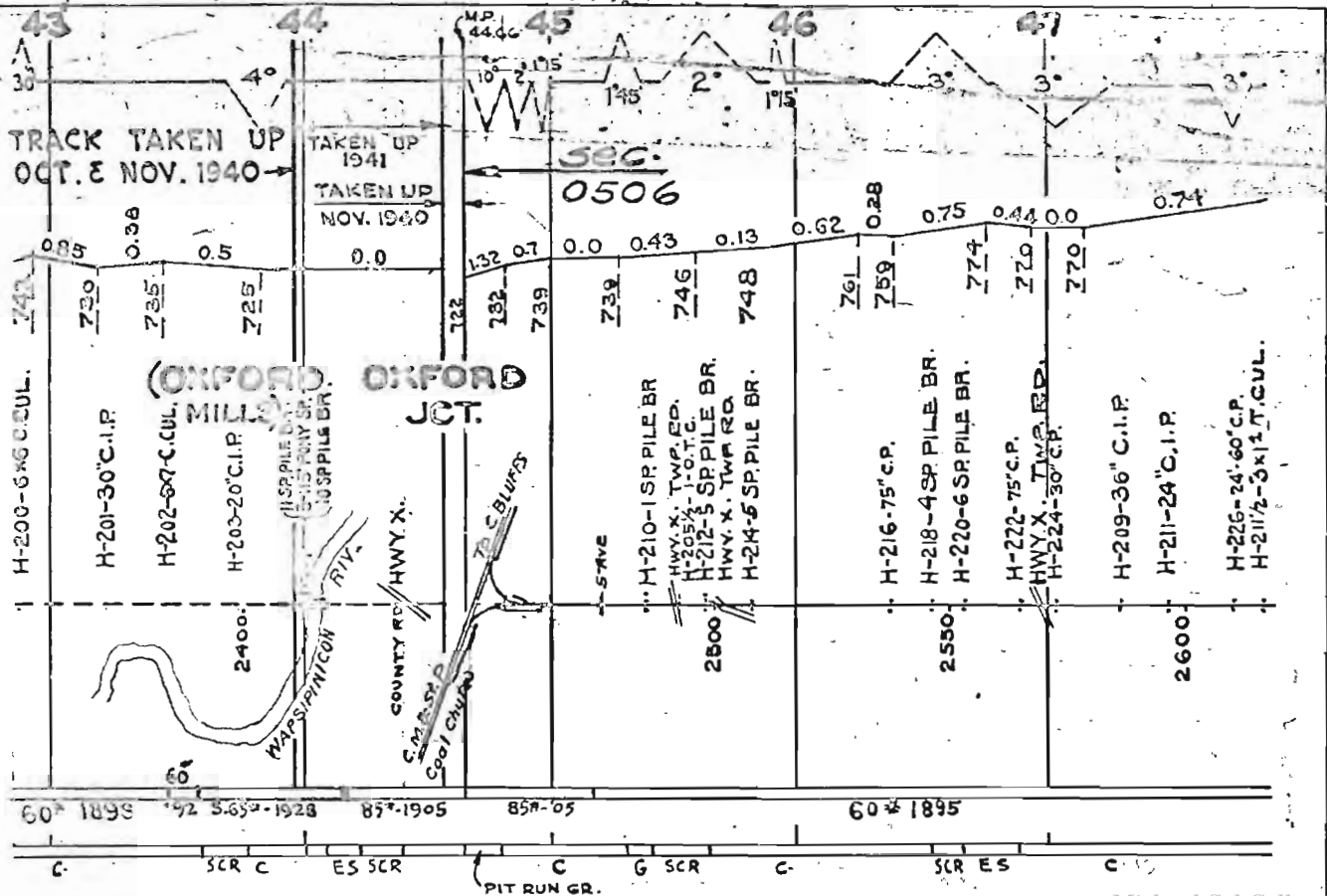
TRACK TAKEN UP OCT. & NOV. 1940

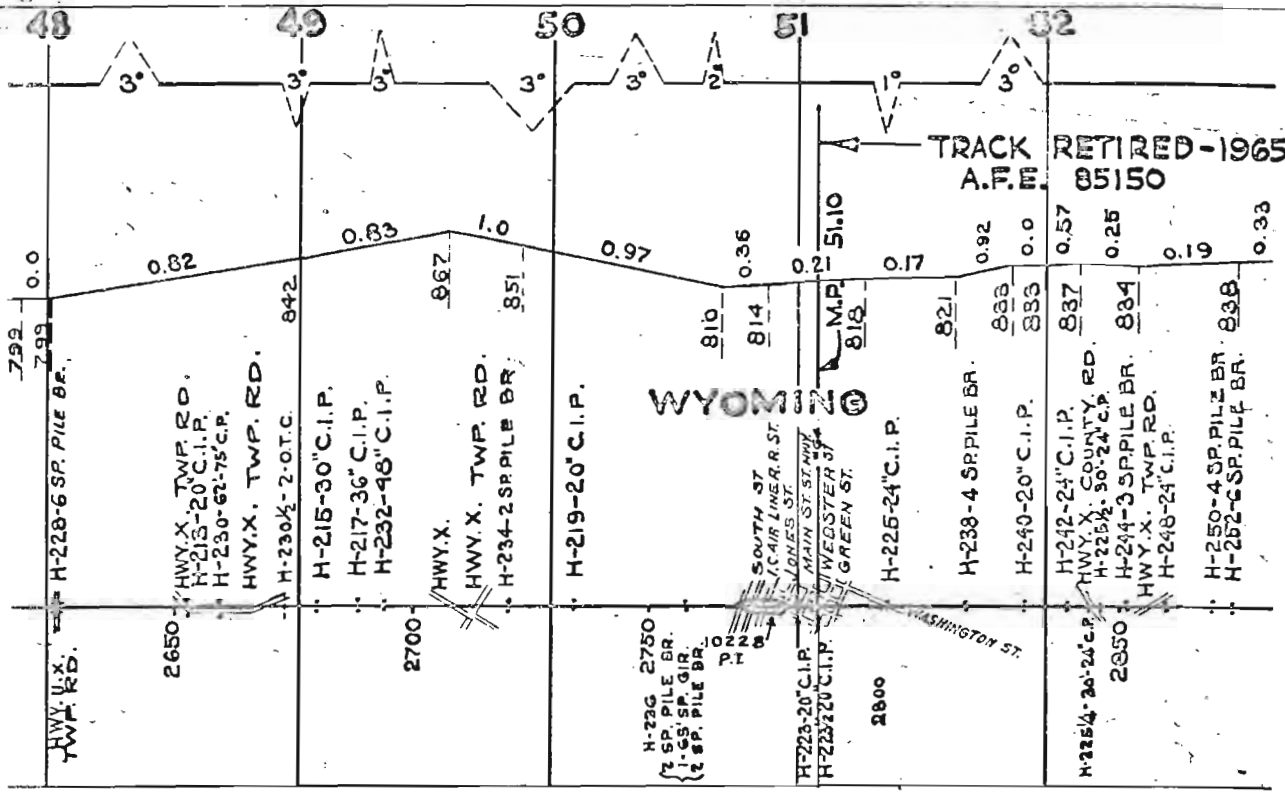
JONES CEDAR CO.

(MASSILLON)

65'-1905 R-60x1910 27'10 R-75#1927 1926 S.H. 60#1912 S.H. 60#1911
 C SCR C SCR C SCR C. 29 SCR C SCR C

MONTECELLO TO OXFORD JCT.





C SCR E.S. C E.S. C SCR ES C SCR C G S C G C

53

54

55

56

57

TRACK RETIRED 1965 - A.P.E. 85150

Sec. 0506

(CENTER JCT.)

TRACK RETIRED MAY, 1957

821

H-254-36" C.I.P.

0.87

840

H-229-42" C.I.P.

0.5

862

H-255-60" PILE BR.

0.4

848

HWY. X. TWP. RD.

0.375

0.45

0.5

857

H-229 1/4-3" O.T.C.

0.27

862

H-229 1/4-1SP. PILE BR.

0.74

867

H-229 1/4-2" O.T.C.

0.06

873

H-280-30" 4 8" C.P.

1.0

890

H-229 1/2-30" C.P.

0.33

889

H-231-30" C.I.P.

1.0

905

H-231 1/2-24" 24" C.P.

1.0

907

H-232-2SP. PILE BR.

0.0

913

HWY. X. TWP. RD.

0.0

918

H-235-20" C.I.P.

0.95

904

H-288-3 SP. PILE BR.

0.95

904

H-292-8x8 C.CUL.

0.95

904

HWY. X. TWP. RD.

0.95

904

H-237-30" C.I.P.

0.95

904

H-237 1/2-24" 24" C.P.

0.95

904

H-241-24" C.I.P.

0.95

904

H-243-24" C.I.P.

0.95

904

M.P. 57.49

0.95

904

H-239-20" C.I.P.

0.95

904

H-26" C.B.R.

0.95

904

H-300" 1-48" G.F.R.

0.95

904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

0.95

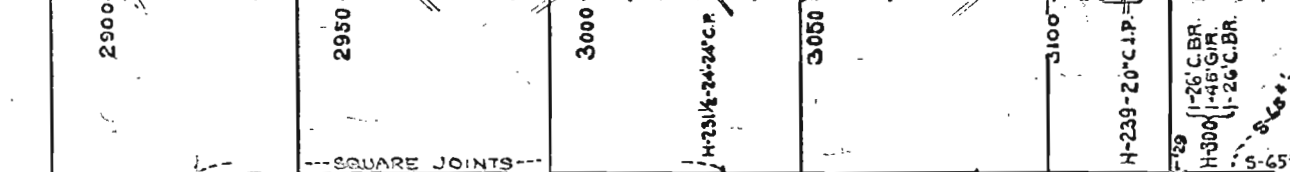
904

H-26" C.B.R.

0.95

904

H-26" C.B.R.

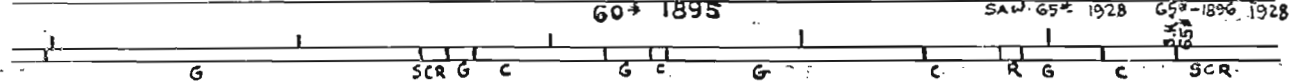


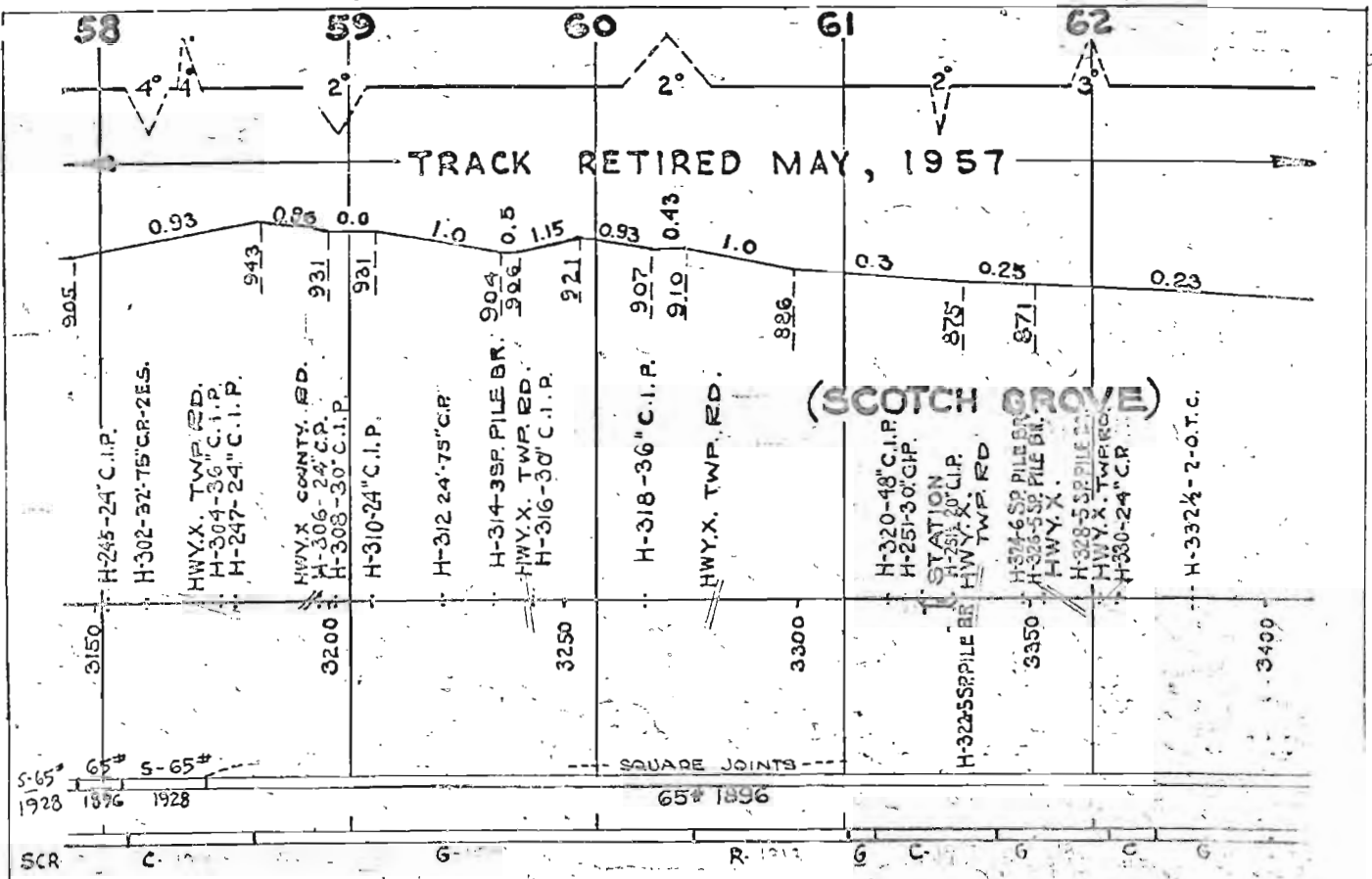
SQUARE JOINTS

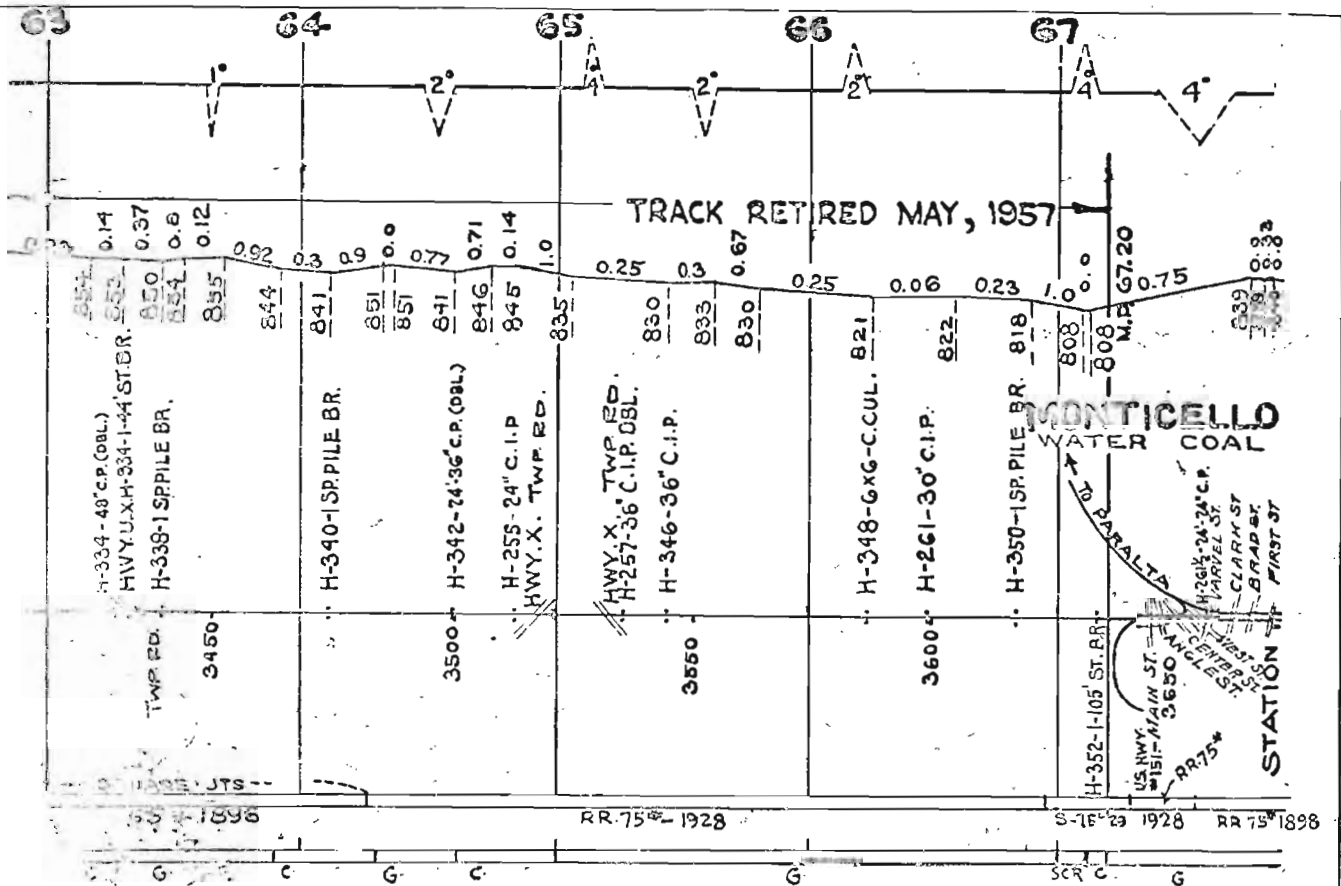
60+ 1895

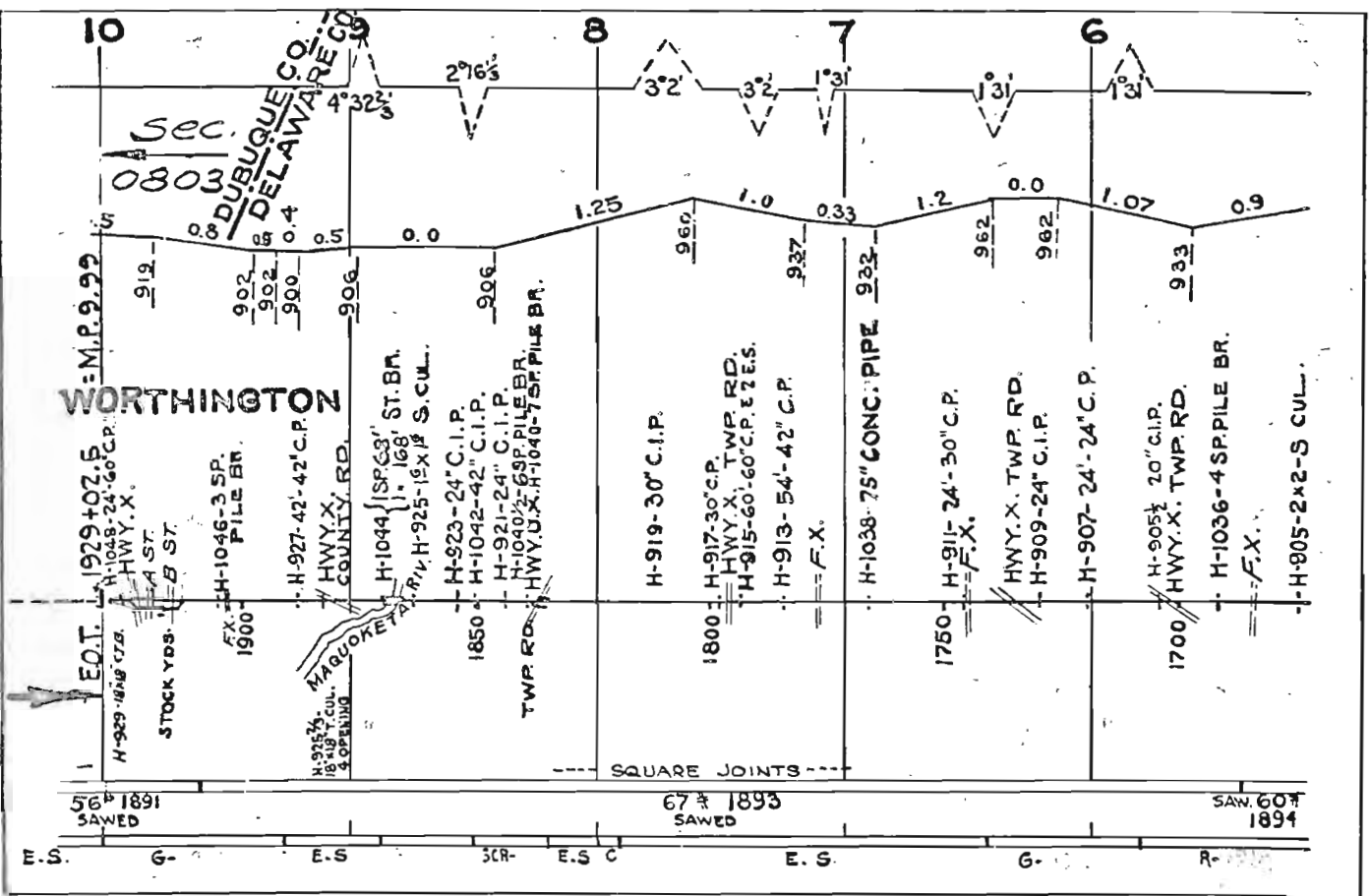
SAW. 65# 1928

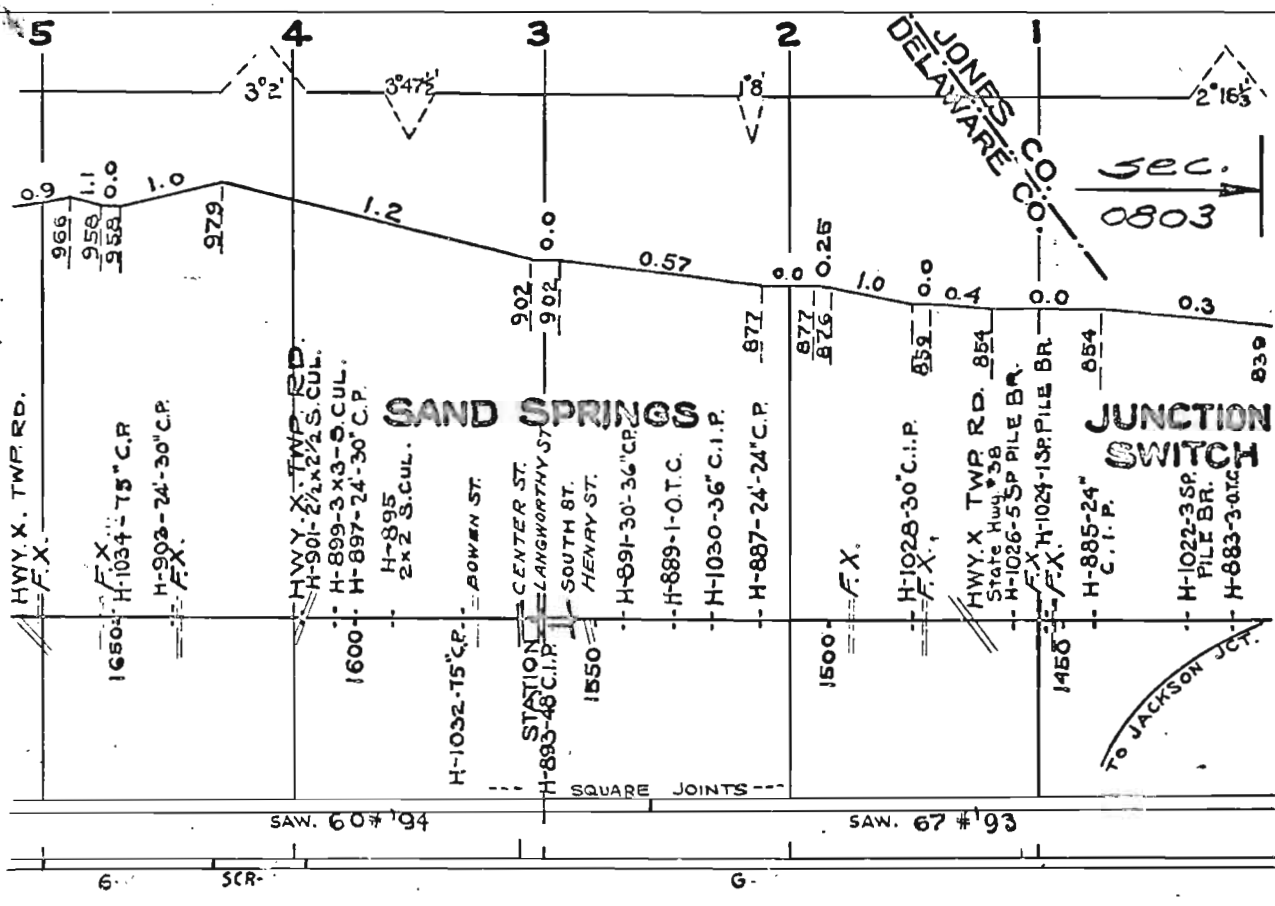
SAW. 65# 1928











HWY. X. TWP RD.
F.X.

1650
F.X.
H-1034-15" C.P.

H-903-24-30" C.P.
F.X.

HWY. X. TWP RD.
H-501-2 1/2 x 2 1/2 S.CUL.

H-899-3 x 3-5 CUL.
1600
H-897-24-30" C.P.

H-895
2 x 2 S.CUL.

H-1032-15" C.P.

BOWEN ST.

STATION
H-893-46 C.I.P.

CENTER ST.
LANGWORTHY ST.

1550
SOUTH ST.
HENRY ST.

H-891-30'-36" C.P.

H-889-1-O.T.C.

H-1030-36" C.I.P.

H-887-24'-24" C.P.

1500

F.X.

H-1028-30" C.I.P.
F.X.

HWY. X TWP RD. 854
State Hwy. 45B

H-1026-5 SP PILE BR.
F.X. H-1024-13 SP PILE BR.

1450
F.X.

H-885-24"
C.I.P.

H-1022-3 SP
PILE BR.

H-883-3 atch

To JACKSON JCT.

JONES DELAWARE C.O.C.

SEC.
0803

SAW. 60 #194

SAW. 67 #193

R.

6

SCR-

G.

RELAY 109

108

107

WINNESHEEK CO. FAYETTE CO.

MAIN TRK. RETIRED - 1956

JACKSON JCT.

MAIN TRK. CONVERTED TO SIDE TRK. - 1956

STATION

1349+50

H-688-30" C.I.P.

H-561-30" C.I.P.

H-589-30" C.I.P.

H-557-20" C.I.P.

H-555-20" C.I.P.

H-553-24" C.I.P.

H-551-20" C.I.P.

H-549-24" C.I.P.

H-547-20" C.I.P.

H-686-25 1/2" STEEL OR 1047

H-684-36" C.I.P. 1047

Sec. 0805

1161
1146
1145
1141
1141

0.0
1.02
0.4
0.67
0.0

1161
1151

C.77

1125

1.05

1048
0.45
0
0

TO MASON
1300 CITY

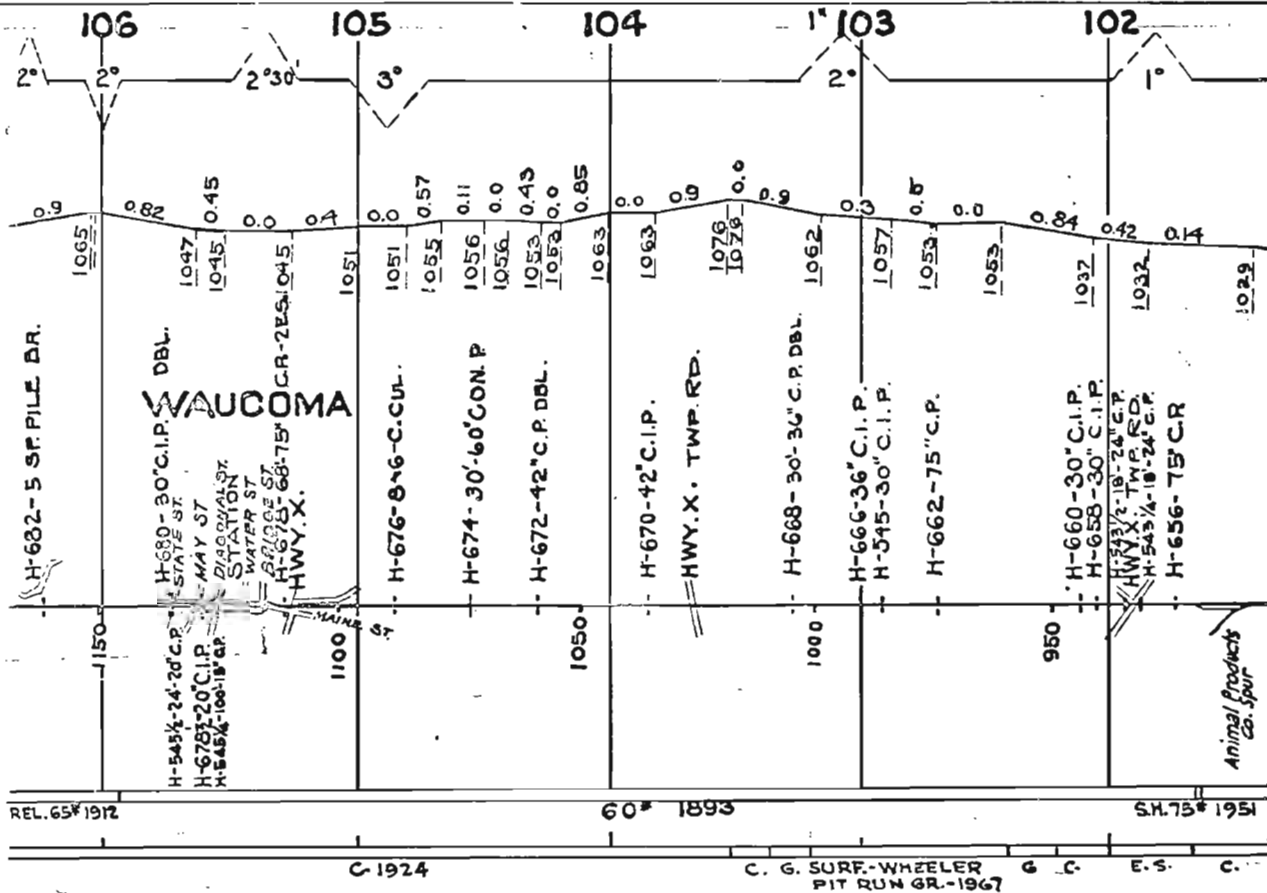
HWY X. TWP RD.

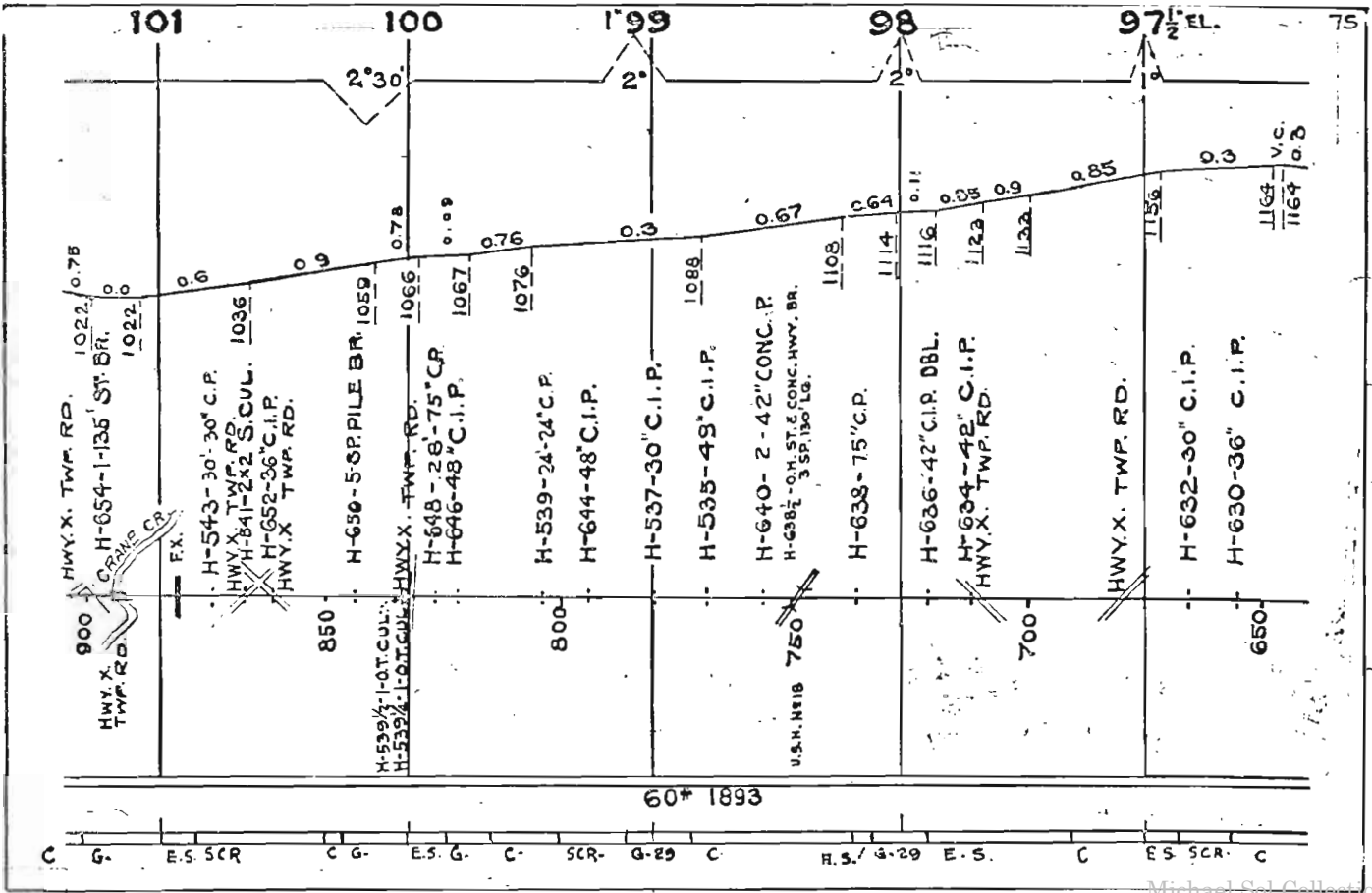
LITTLE TURNER RIV.

RELAY 65# 1912

C. 1924

DADAITA & JACKSON ICT





76

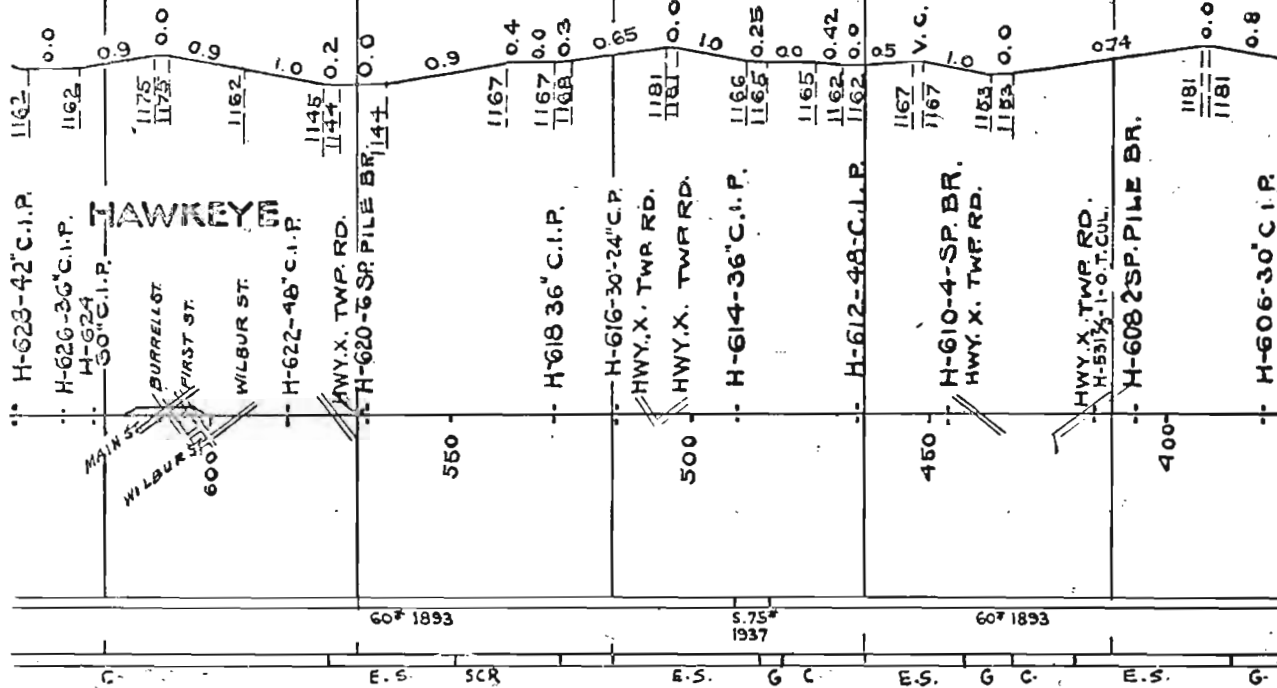
96

95

94

93

92



91

90

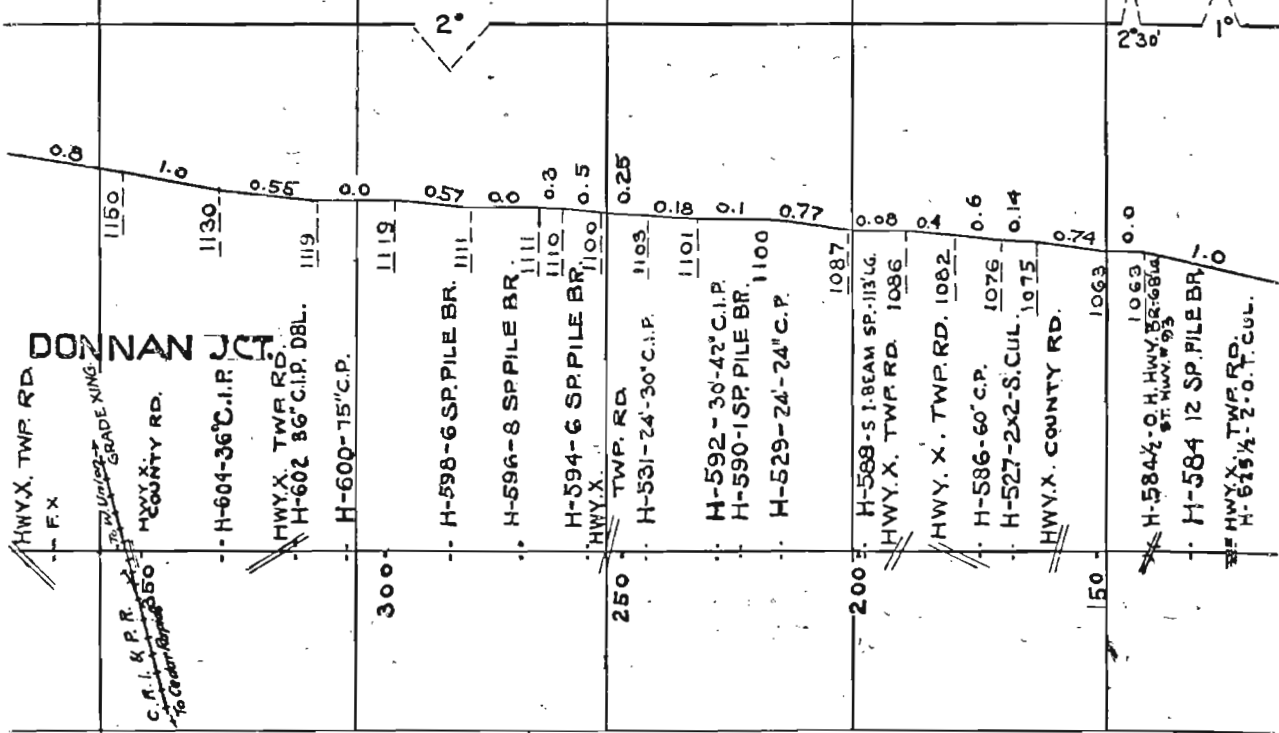
EL. 1"

89

88

87 1/2

1" EL. 77



DONNAN JCT

HWY. X. TWP. RD.
- - - - - F.X.

C. A. I. K. P. R.
1/2 Center Right
HWY. X. COUNTY RD.

H-604-36" C.I.P.
HWY. X. TWP. RD.
H-602 86" C.I.P. DBL.

H-600-15" C.P.

300

H-598-6 SP. PILE BR.

H-596-8 SP. PILE BR.

H-594-6 SP. PILE BR.
HWY. X.

TWP. RD.
H-531-24'-30" C.I.P.

H-592-30'-42" C.I.P.

H-590-1 SP. PILE BR.

H-529-24'-24" C.P.

200

H-589-5 I-BEAM SP. 113' LG.
HWY. X. TWP. RD. 1096

HWY. X. TWP. RD. 1082

H-586-60" C.P.

H-527-2x2-S. CUL. 1075

HWY. X. COUNTY RD.

150

H-584 1/2 - O.H. HWY. BR. 68' LG.
ST. HWY. 193

H-584 12 SP. PILE BR.

HWY. X. TWP. RD.
H-615 1/2 - 2.0' CUL.

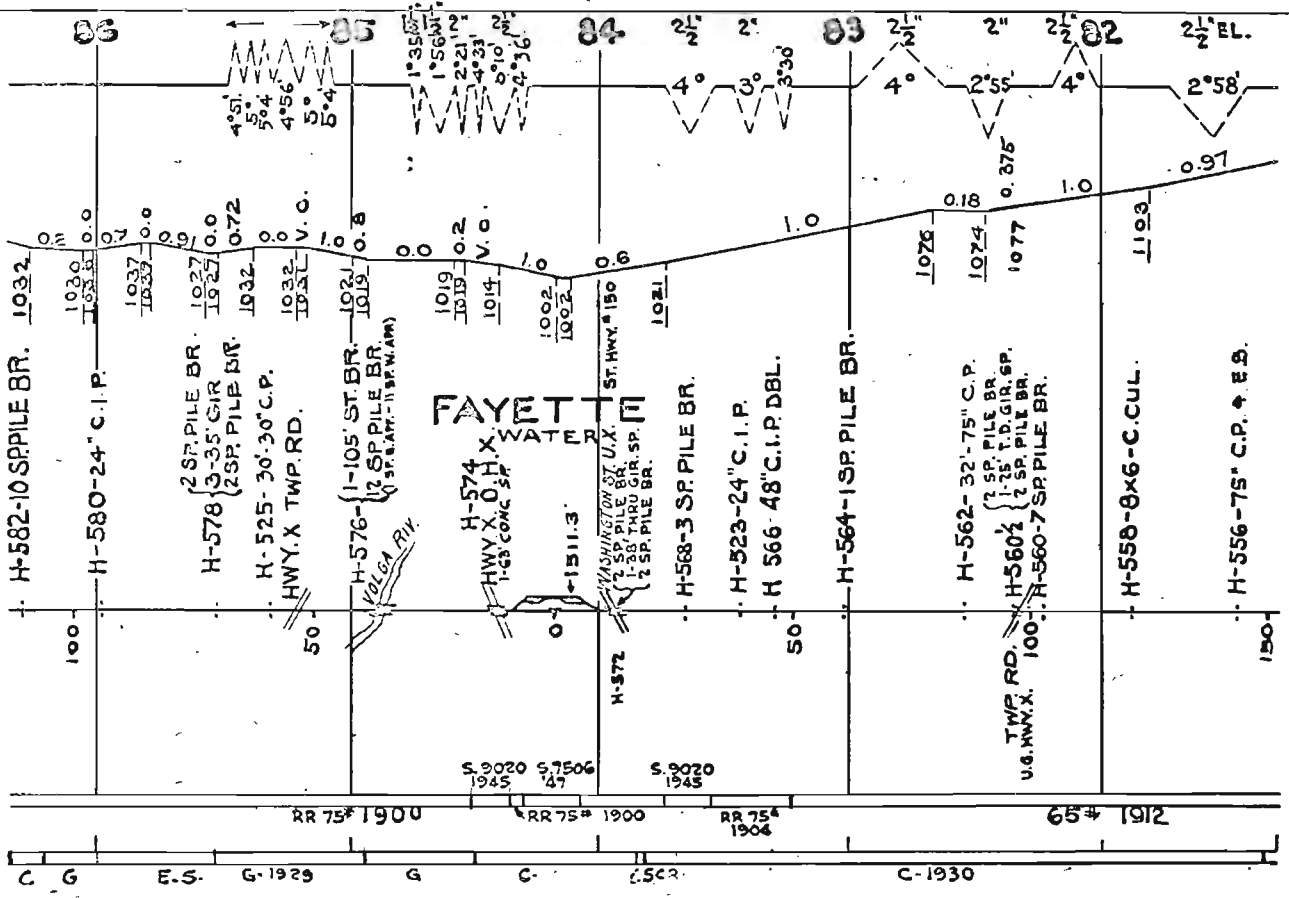
6007 X6-1920
MILW. MAINT

60 # 1893

RR 75 # 1903

S.H. RR 75 #
6007
1941
1900

G. C. G. E.S. 28 C G E.S. C-1930 E.S. C E.S. G



EL. 01

80

2° 2' 79

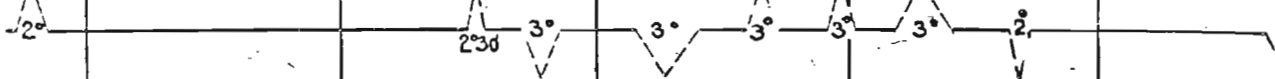
2' 79

2' 78

2' 78

1/2 EL 77

79



1136

1.0

1125
0.0
1125

1.21

1141

1.09

1118
0.125
1117
0.0

1.0

0.8

1121

1.0

1097
0.75

0.3

0.0

1.01

1.1

1.0

1145

0.5

1153

1.0

1119

1112

0.0

1.0

H-554-64'-78" COR. P.

HWY. X. TWP. RD.

HWY. X. TWP. RD.

H-552-4 SP. PILE BR.

H-550-6 SP. PILE BR. 1104

HWY. X.

2 SP. PILE BR. 1
H-548-45' T.G. BR. HWY. X.
2 SP. PILE BR.

H-546-6 SP. PILE BR. 1091

H-519-24" C.I.P.

H-544-17 SP. PILE BR.

H-517-24" C.I.P.

H-515-24" C.I.P.

H-513-24" C.I.P.

H-511-20" C.I.P.

H-509-30'-20" C.P.

H-507-24" C.I.P.

HWY. X. TWP. RD.

H-505-24'-36" C.P.

H-503-24" C.I.P.

H-542-3 SP. PILE BR.

HWY. X. TWP. RD.

200

250

300

350

65# 1912

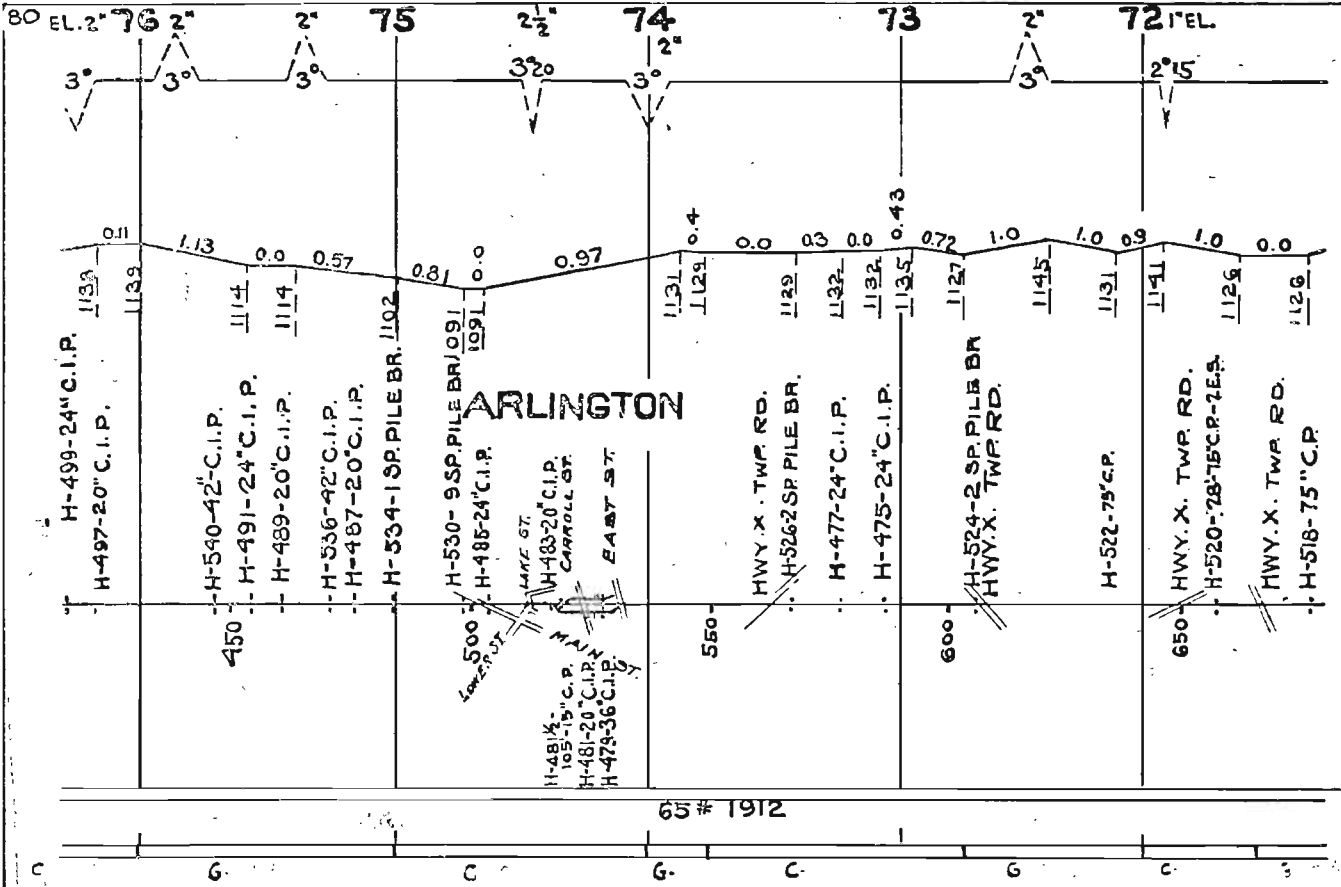
C-1929

E. S. SCR. C.

6 C. SCR.

C-1930

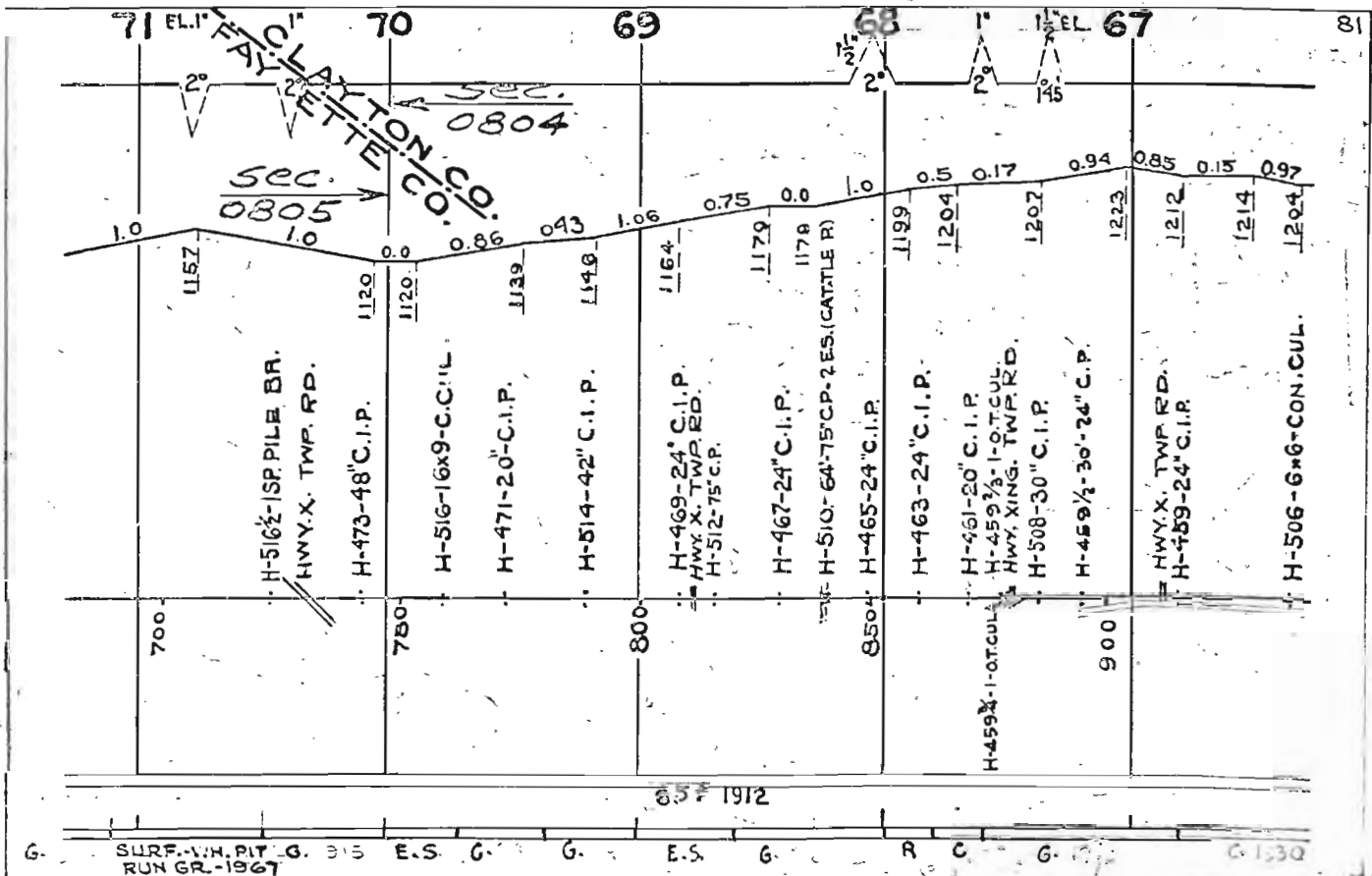
6



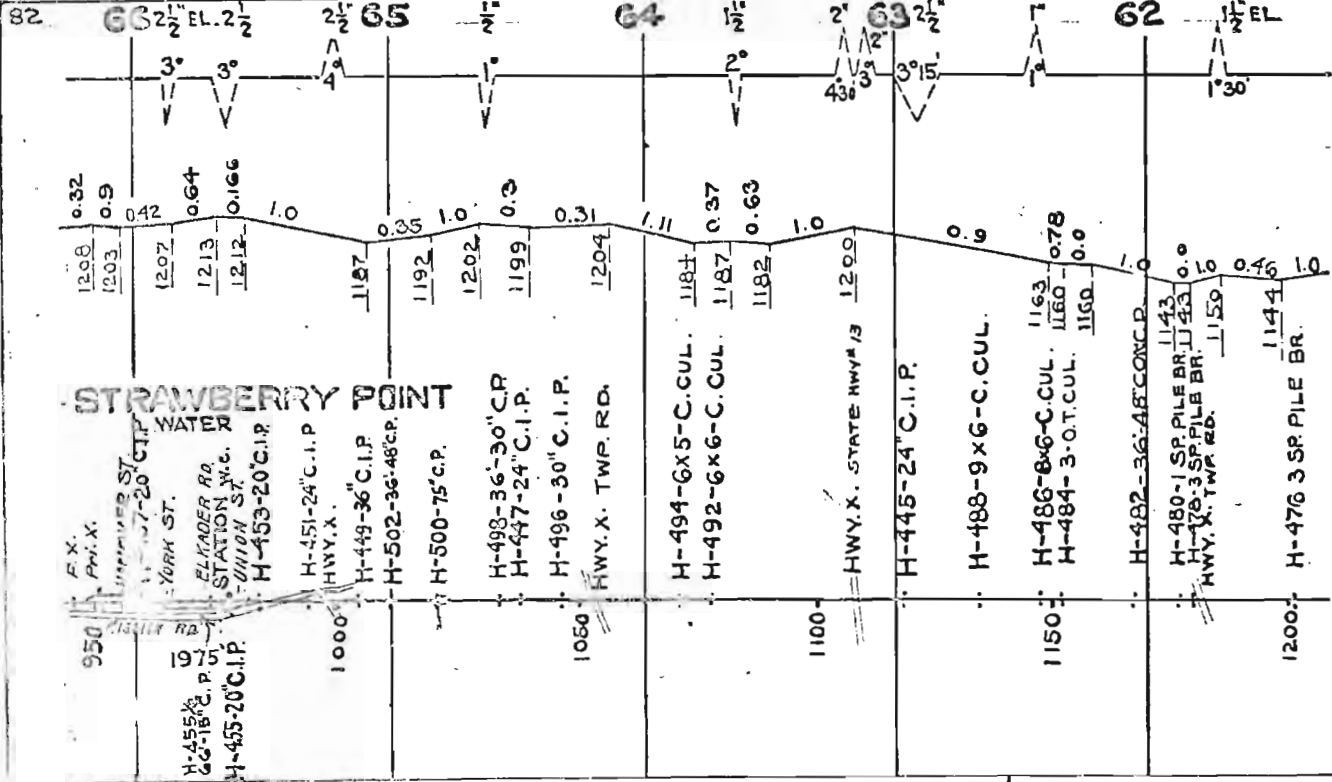
Station	Utility Line	Vertical Line	Horizontal Line
1133	H-499-24" C.I.P.	70	450
1139	H-497-20" C.I.P.	70	450
1114	H-540-42" C.I.P.	70	450
1114	H-491-24" C.I.P.	70	450
1114	H-489-20" C.I.P.	70	450
1114	H-536-42" C.I.P.	70	450
1114	H-487-20" C.I.P.	70	450
1102	H-534-19P PILE BR.	70	450
1091	H-530-9SP PILE BR/091	70	450
1091	H-485-24" C.I.P.	70	450
1131	H-481-20" C.I.P.	74	450
1129	H-526-22SP PILE BR	73	450
1129	HWY. X. TWP RD.	73	450
1132	H-477-24" C.I.P.	73	450
1132	H-475-24" C.I.P.	73	450
1127	H-524-2 SP PILE BR	72	450
1127	HWY. X. TWP RD.	72	450
1145	H-522-75" C.P.	72	450
1141	HWY. X. TWP RD.	72	450
1126	H-520-78-75" C.P.-1E.S.	72	450
1126	HWY. X. TWP RD.	72	450
1126	H-518-75" C.P.	72	450

ARLINGTON

65 # 1912



G. SURF. V.H. PIT G. 315 E.S. G. G. E.S. G. R C G. 1330
 RUN GR-1967



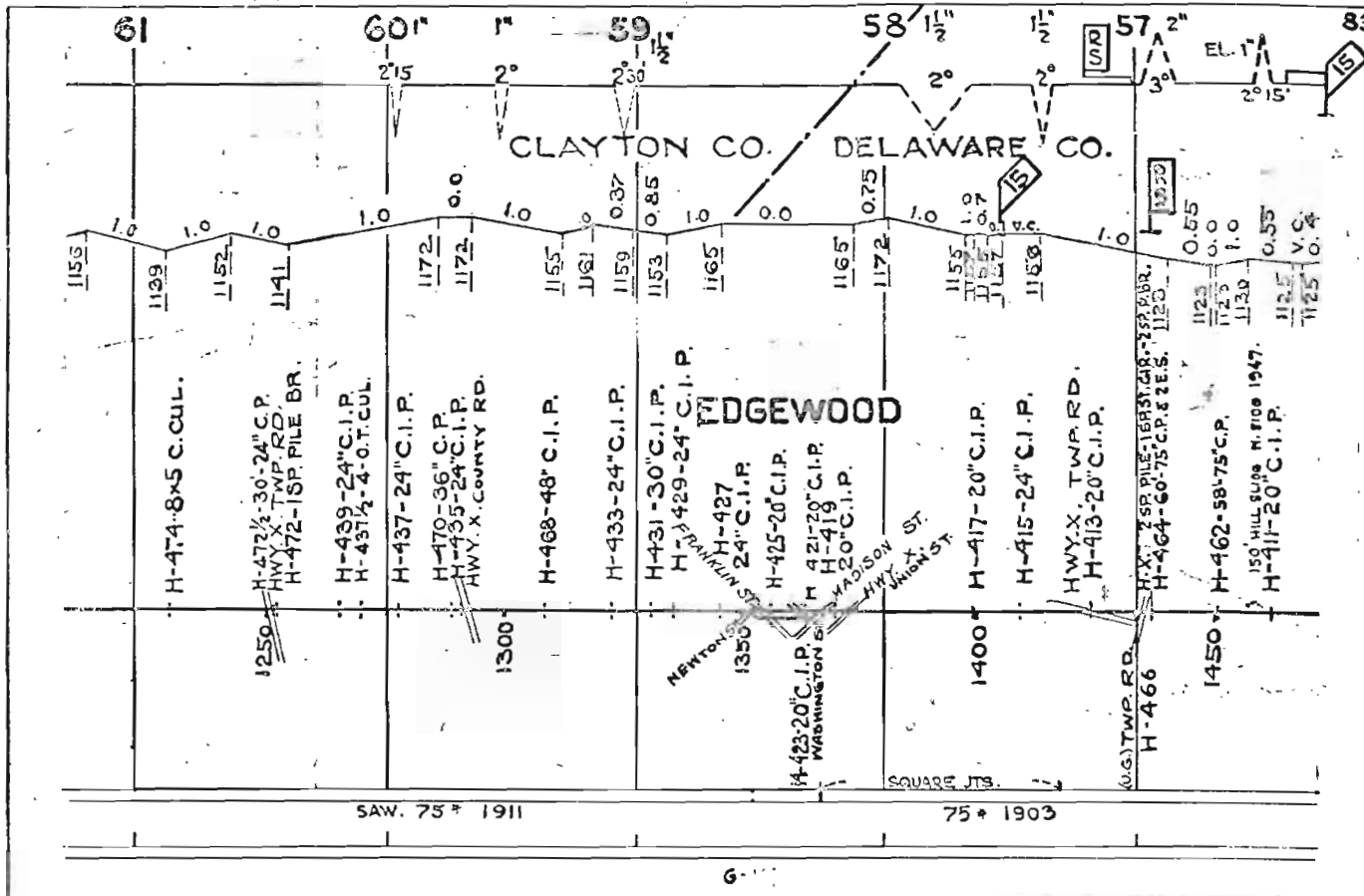
STRAWBERRY POINT

F.X. P.W. X.
 IMPROVED ST. 17-20 C.I.P.
 YORK ST.
 ELKADER RD.
 STATION X.C. X.
 UNION ST. X.C. X.
 H-453-20 C.I.P.
 H-451-24 C.I.P.
 HWY. X.
 H-449-36 C.I.P.
 H-502-36-48 C.P.
 H-500-75 C.P.
 H-498-36-30 C.P.
 H-447-24 C.I.P.
 H-496-30 C.I.P.
 HWY. X. TWP. RD.
 H-494-6x5-C.CUL.
 H-492-6x6-C.CUL.
 HWY. X. STATE HWY # 13
 H-445-24 C.I.P.
 H-488-9x6-C.CUL.
 H-486-8x6-C.CUL.
 H-484-3-O.T.CUL.
 H-482-36-48 CONCR.
 H-480-1 SP. PILE BR. U 480
 H-478-3 SP. PILE BR. U 480
 HWY. X. TWP. RD.
 H-476-3 SP. PILE BR.

950	1208	0.32
1975	1203	0.9
H-455-20 C.I.P.	1207	0.42
1000	1213	0.64
	1212	0.166
		1.0
	1187	0.35
	1192	1.0
	1202	0.3
1050	1199	0.31
	1204	1.11
1100	1184	0.37
	1187	0.63
	1182	1.0
	1200	0.9
1150	1163	0.78
	1160	0.0
	1150	0.0
		1.0
	1143	0.46
	1140	1.0
1200	1144	0.46
		1.0

65 # 1912

SAW. 75 # 1911



61

60 1'

59 1'

58 1 1/2"

57 2"

83

CLAYTON CO. DELAWARE CO.

H-474-8x5 C.CUL.

H-472 1/2-30'-24" C.P.
HWY. X. TWP. RD.
H-472-15P. PILE BR.

H-439-24" C.I.P.
H-437 1/2-4'-0" T.CUL.

H-437-24" C.I.P.

H-470-36" C.P.
H-435-24" C.I.P.
HWY. X. COUNTY RD.

H-468-48" C.I.P.

H-433-24" C.I.P.

H-431-30" C.I.P.
H-429-24" C.I.P.

H-427
24" C.I.P.

H-425-20" C.I.P.

H-421-20" C.I.P.
H-419
20" C.I.P.

H-417-20" C.I.P.

H-415-24" C.I.P.

HWY. X. TWP. RD.
H-413-20" C.I.P.

H-X. 75P. PILE-168 ST. GR. 25P. BR.
H-464-60'-75" C.P. & 2 E.S. 1120

H-462-58'-75" C.P.

150 HILL SLIPS N. 8100 1947.
H-411-20" C.I.P.

EDGEWOOD

NEWTON ST.
FRANKLIN ST.
MADISON ST.
HWY. X.
HIGH ST.

1250

1300

1350

1400

H-466

1450

SAW. 75 # 1911

75 # 1903

84

56

55

54

53

52

H-460-60" CONC. P. ES. 1127

H-409-20" C.I.P.

H-407-24" C.I.P.

H-405-20" C.I.P.

HWY. X. TWP. RD.

H-403-20" C.I.P.

H-458-8SP. PILE BR.

H-401-24" C.I.P.

H-399-20" C.I.P.

H-397-20" C.I.P.

HWY. X. TWP. RD.

H-395 24" C.I.P.

H-456-7 SP. PILE BR.

H-393-20" C.I.P.

HWY. X.

HWY. X.

HWY. X.

H-391-20" C.I.P.

H-389-20" C.I.P.

HWY. X.

H-454-7 SP. PILE BR.

H-387-24" C.I.P.

HWY. X.

TWP. RD.

H-452-30'-48" CR

1500

1550

1600

1650

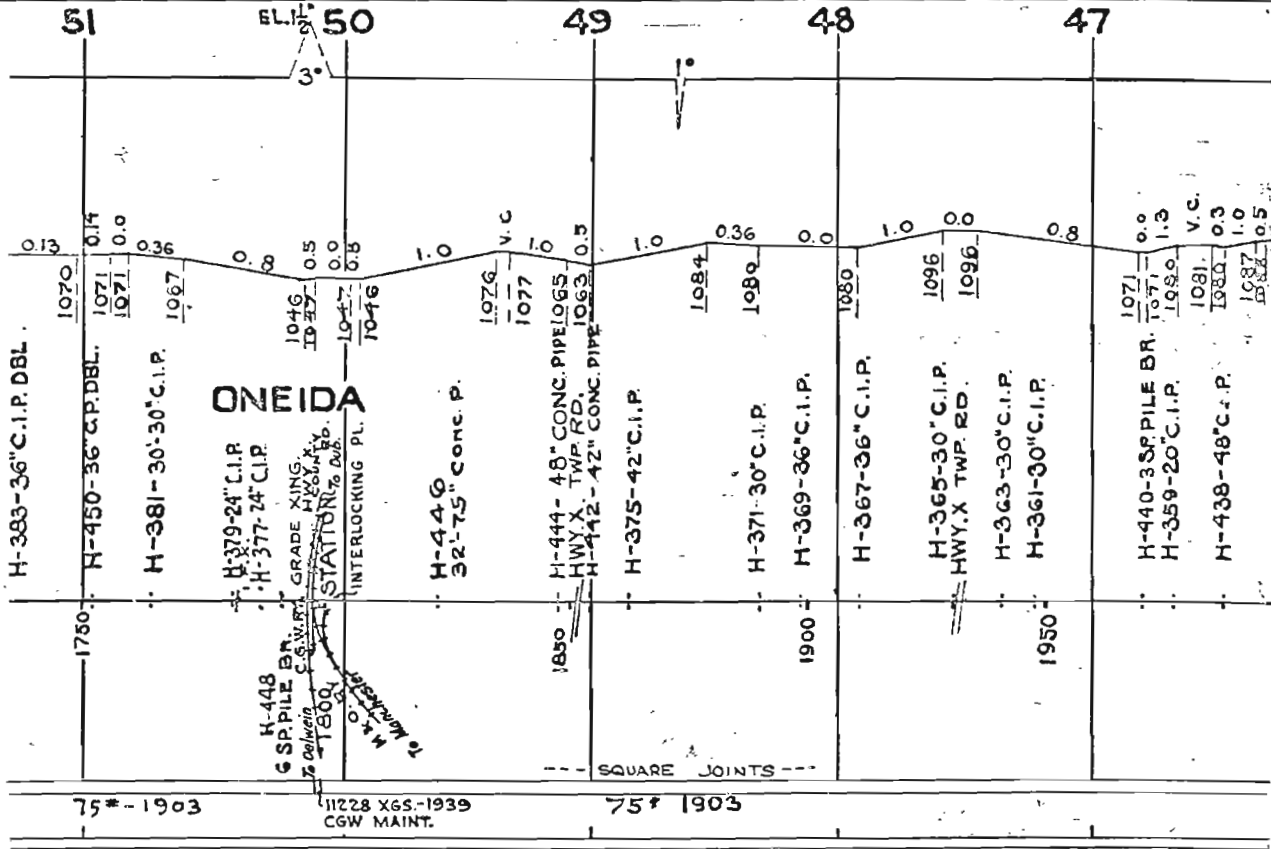
1700

1072

SQUARE JOINTS

75' 1903

6



20 EL. 2' 46

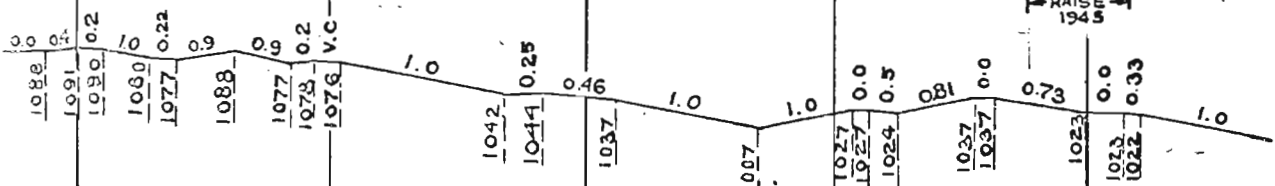
45

44

43

42

2 1/2' EL.



TRACK RAISE MARK 1945

(DELAWARE)

H-357-20" C.I.P.

HWY. X.

H-355-20" C.I.P.

SP. ALDER MANAGER, C. R.R.
4-484 1/2 52 912 1/2
R.R. U. X. 2050
H-353-20" C.I.P.
MANSINGTON, DE
MANASSINGTOWN, NJ
P.O. BOX

H-349-24" C.I.P.
To Manchester

HWY. X. TWP. RD. M

H-342-FILLED
H-345-24" C.I.P.

H-343-24" C.I.P.

H-341-24" C.I.P.

H-337-18" C.I.P. BR.
HWY. X. TWP. RD.

H-428-42" C.P. TRIPLE

H-426-6x6-C.CUL.

H-339-48" C.P. DBL.

H-337 1/2-36" C.P.
H-337-18x26 C.P.

HWY. X. TWP. RD.

H-335-48" C.P. DBL.

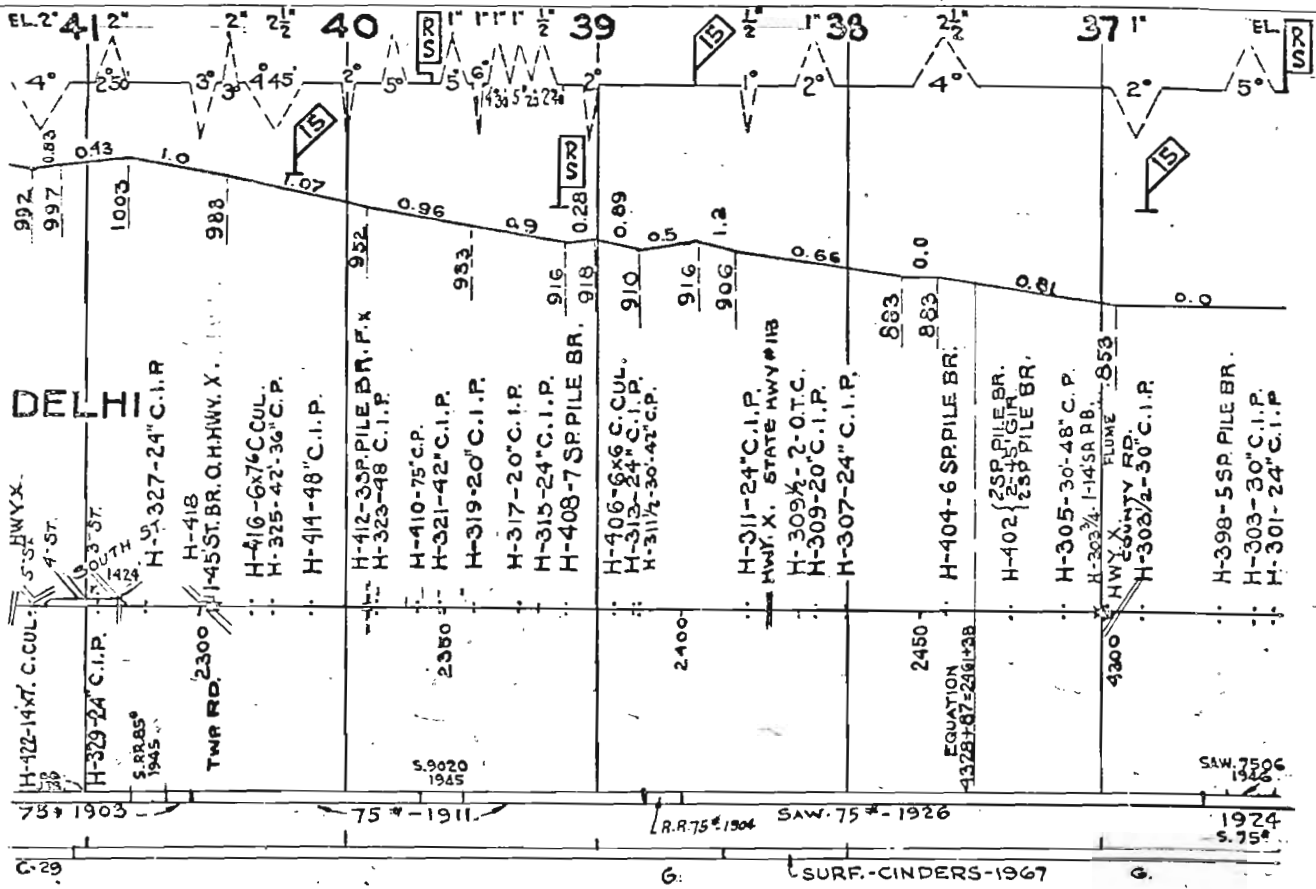
H-333-48" C.P. DBL.

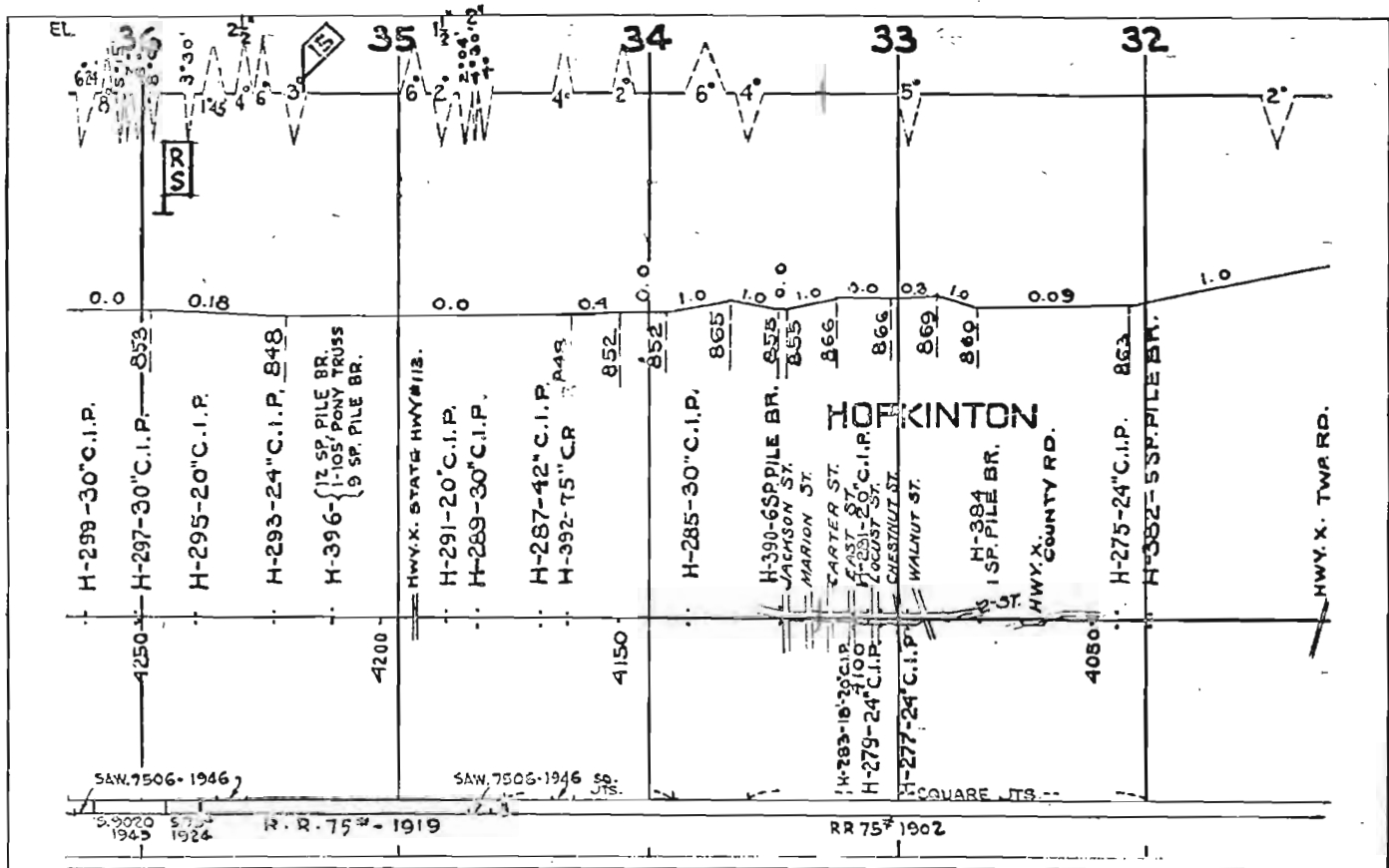
H-331 1/2-1-O.T.C.
HWY. X. TWP. RD.

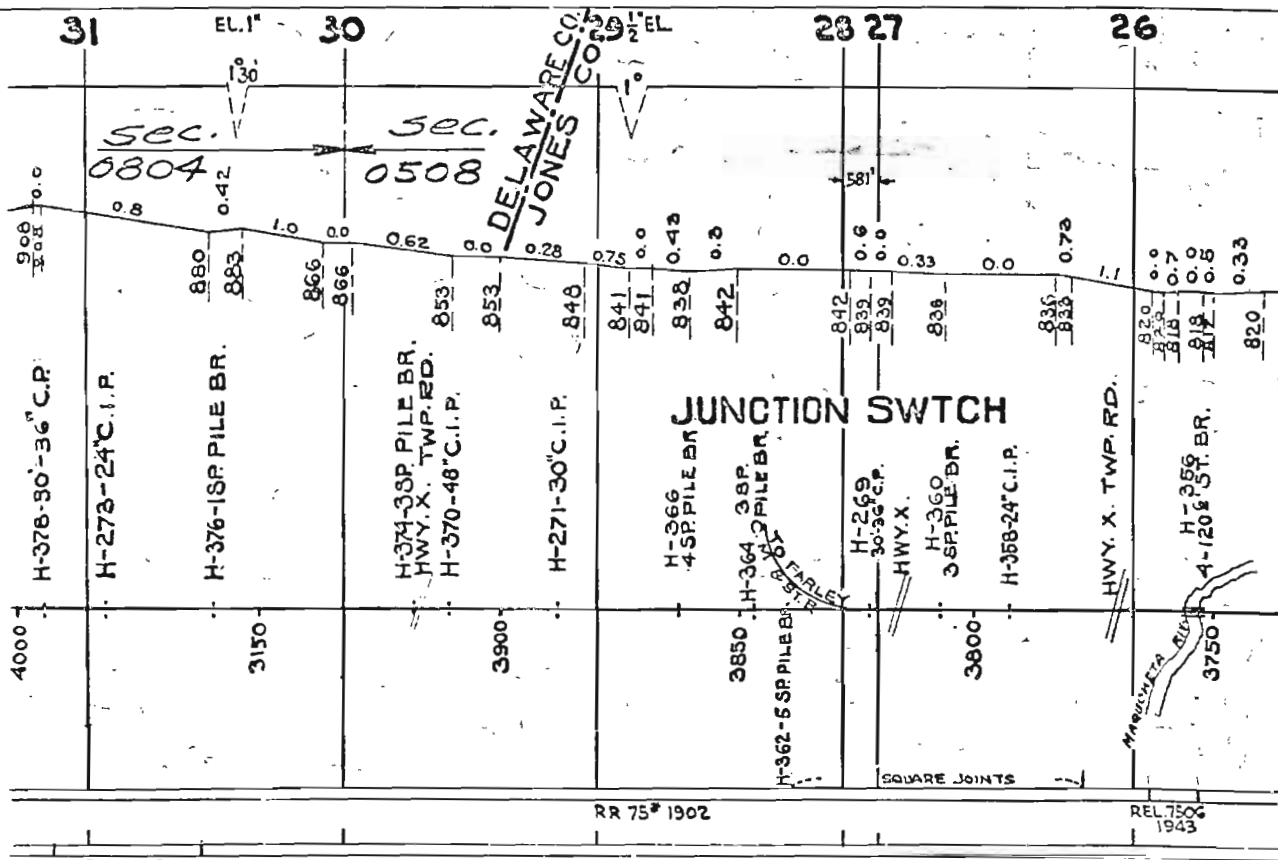
H-331 1/4-36" C.P.

SQUARE JOINTS

75' 1903







31

EL. 1'

30

DELAWARE CO.
JONES CO.
29 1/2' EL.

28 27

26

Sec. 0804

Sec. 0508

908
300

136°

0.8
0.42
1.0
0.0

880
883
866
866

0.62
0
0.28

853
853
848

0.75
0.0
0.43

841
841
838
842

0.0
0.6
0.0

842
839
839

0.33
0.0
0.0

838
836
835

H-376-30-36 C.P.

H-273-24 C.I.P.

H-376-1SP PILE BR.

H-374-3SP PILE BR.
HWY. X. TWP. RD.

H-370-48 C.I.P.

H-271-30 C.I.P.

H-366-4SP PILE BR.

H-364-3SP PILE BR.

FARLEY
ESTR.

H-269-30-36 C.P.

HWY. X.

H-360-3SP PILE BR.

H-358-24 C.I.P.

HWY. X. TWP. RD.

H-355-4-120 ST. BR.

JUNCTION SWITCH

MARQUETTA RIVER

RR 75* 1902

REL. 750
1943

C-1929

G

SURF. - WHEELER PIT RUN GRAVEL - 1965

RR 75# 1902

RR 75# 1896
RR 75# 1898

RR 75# 1899

SURF. - CINDERS - 1967

HWY. X. TWP. RD. 820

3700 STOCK YARD.

710 ST.
H-858-25P
PILE BR.

3-ST.
2-ST.
STATION

H-881 1/2-30" C.I.P.
EQUATION
1258152634724782
H-881-30" C.I.P.

1-ST.
CLARK ST.
CARVEL ST.
BUCKETE ST.

H-1020-35P PILE BR
HWY. X. TWP. RD.

HWY. X.
H-1018-35P PILE BR.

F. X.

PRIV. X.

PRIV. X.

H-879-36" C.I.P. DBL.

HWY. X. TWP. RD.

H-877-30" C.I.P.

F. X.

H-1012-6 SP PILE BR.

HWY. X. TWP. RD.

H-875 1/2-20 SP PILE BR.

H-875-36" C.I.P.

H-1010-5 SP PILE BR.

HWY. X TWP. RD.

MONTICELLO

25

24

23

22

21

1/2 R.

1'08"

2'31"

0.0

840

840

840

840

834

832

827

826

823

822

829

832

833

834

839

837

837

838

840

847

848

852

850

850

851

856

859

859

0.0

0.0

0.0

0.25

0.0

0.56

1.0

1.0

0.67

0.4

0.0

0.0

0.25

0.57

0.14

0.5

0.55

0.25

0.0

0.14

0.22

0.8

0.43

0.12

1.0

0.2

0.25

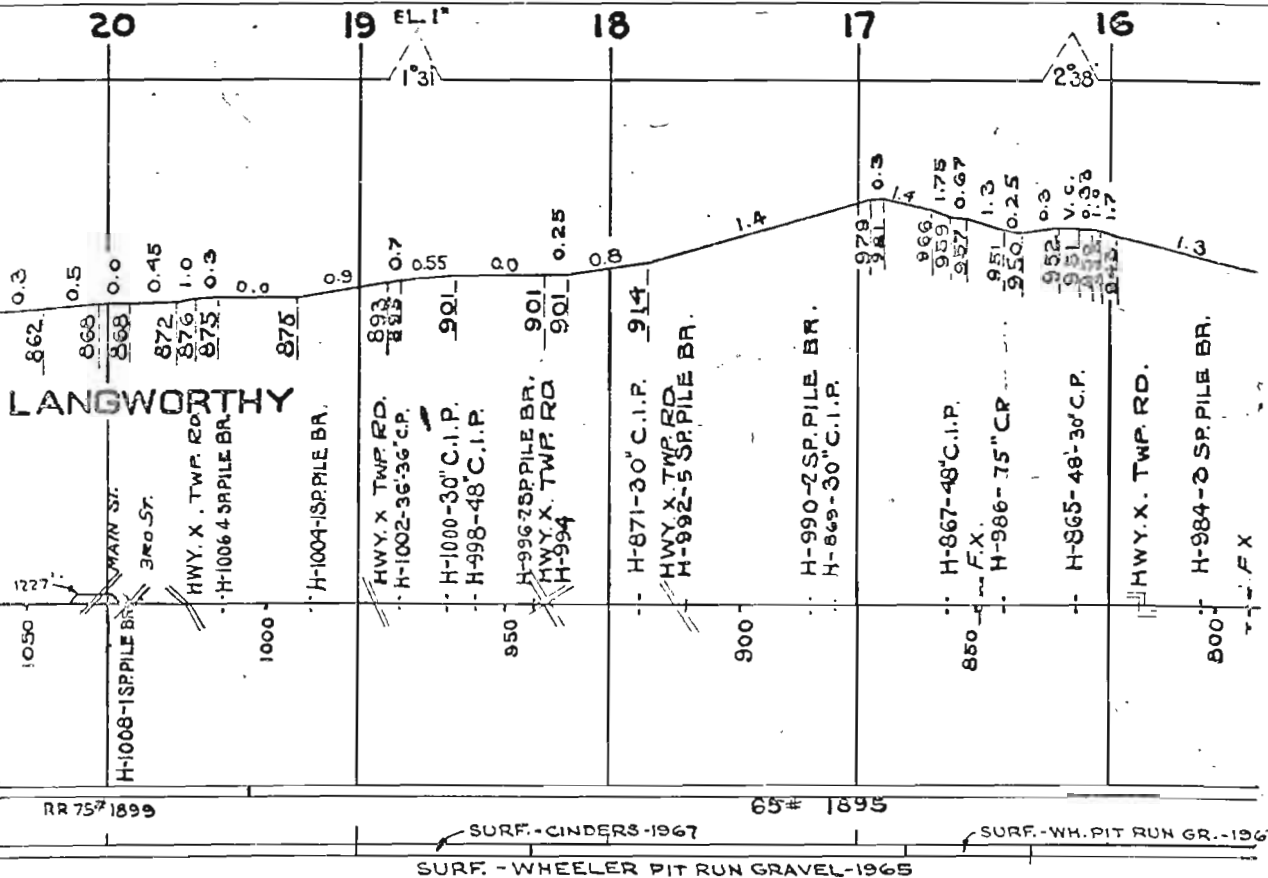
0.0

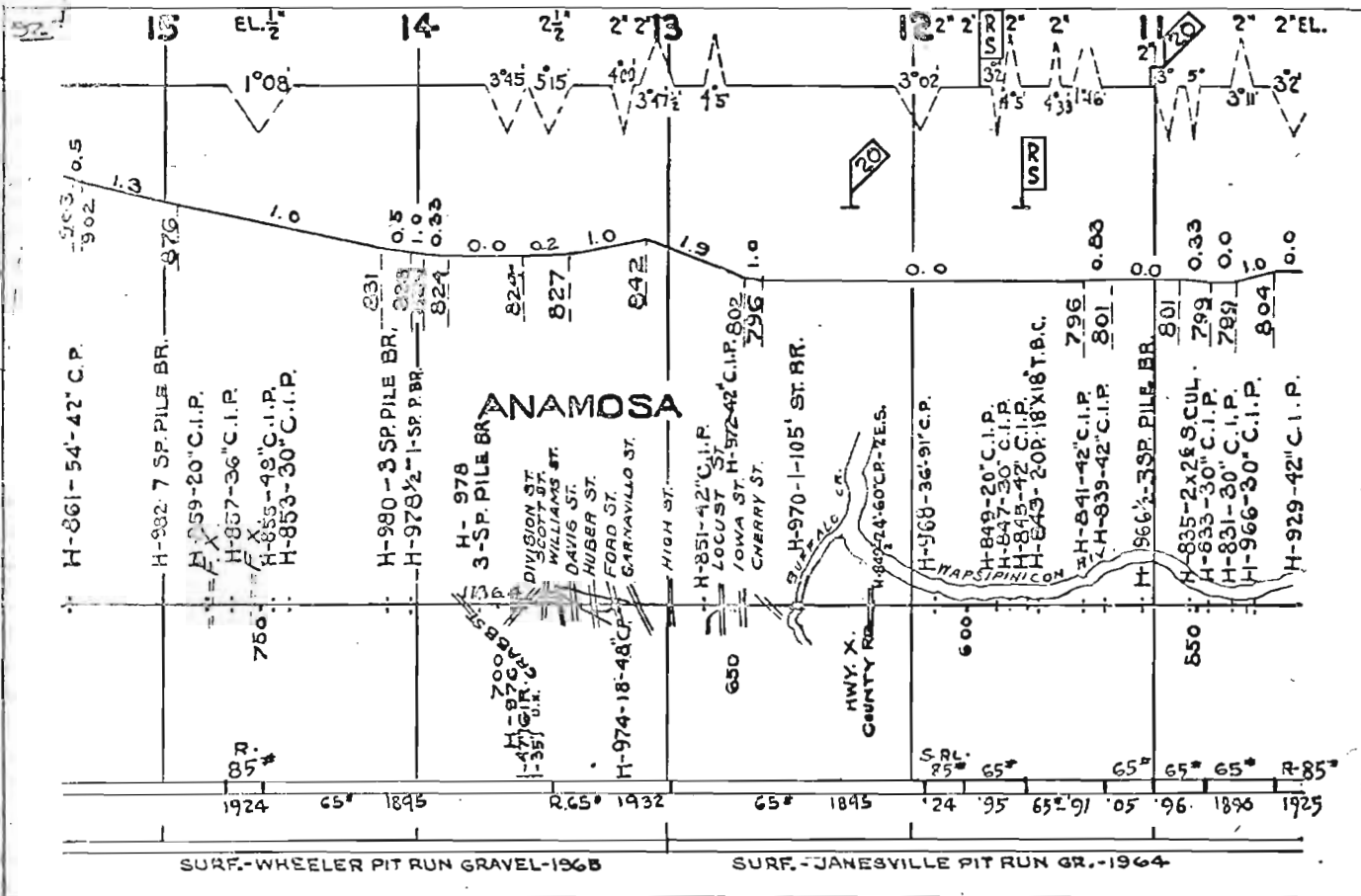
0.0

0.25

0.75

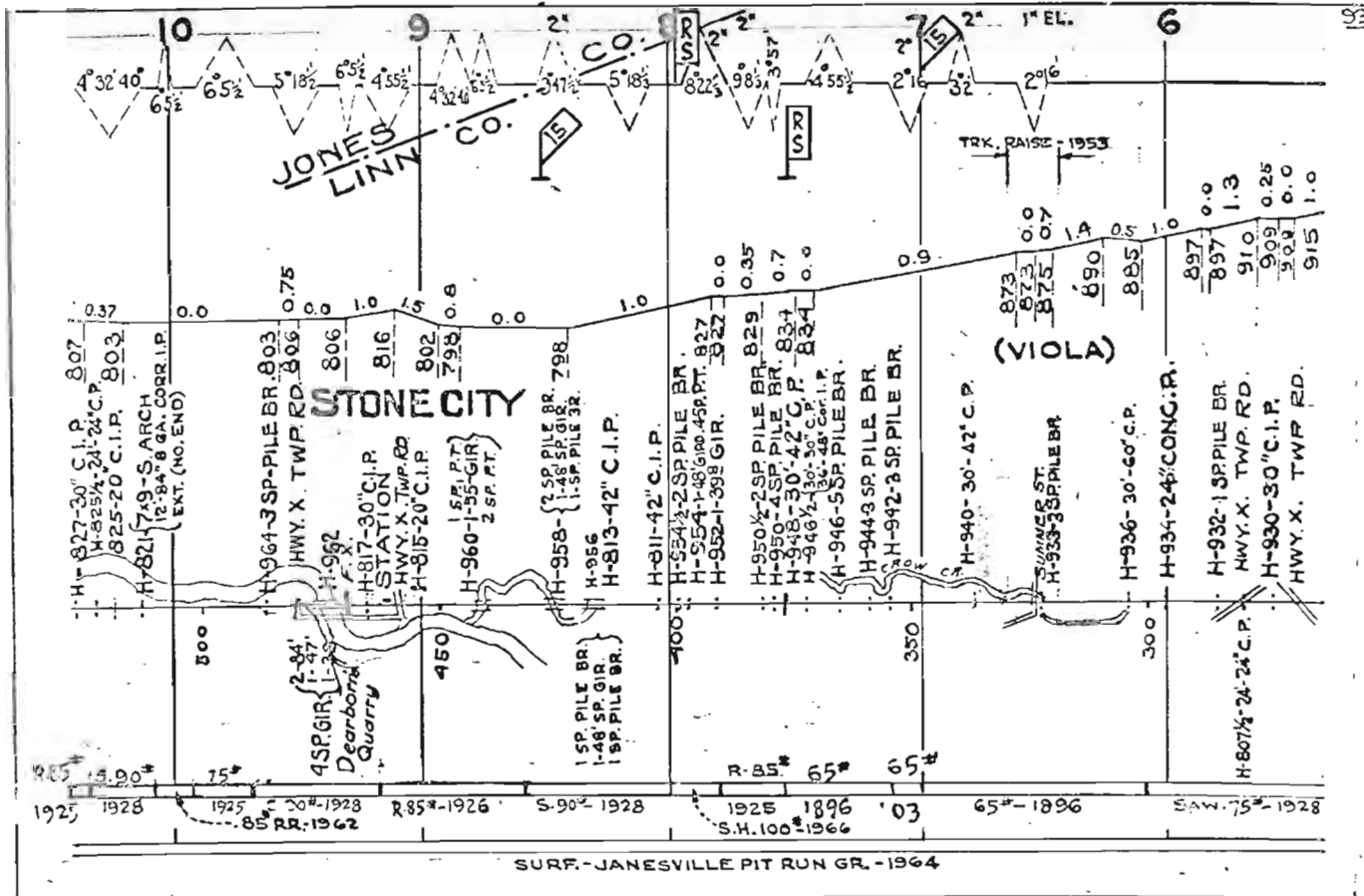
0.0





SURF.-WHEELER PIT RUN GRAVEL-1965

SURF.-JANESVILLE PIT RUN GR.-1964



JONES LINN CO.

STONE CITY

(VIOLA)

TRK. RAISE - 1953

SUMNER ST.

SURF - JAMESVILLE PIT RUN GR. - 1964

PARALTA TO J. J. JAMESON JOY.

94

EL. 2'

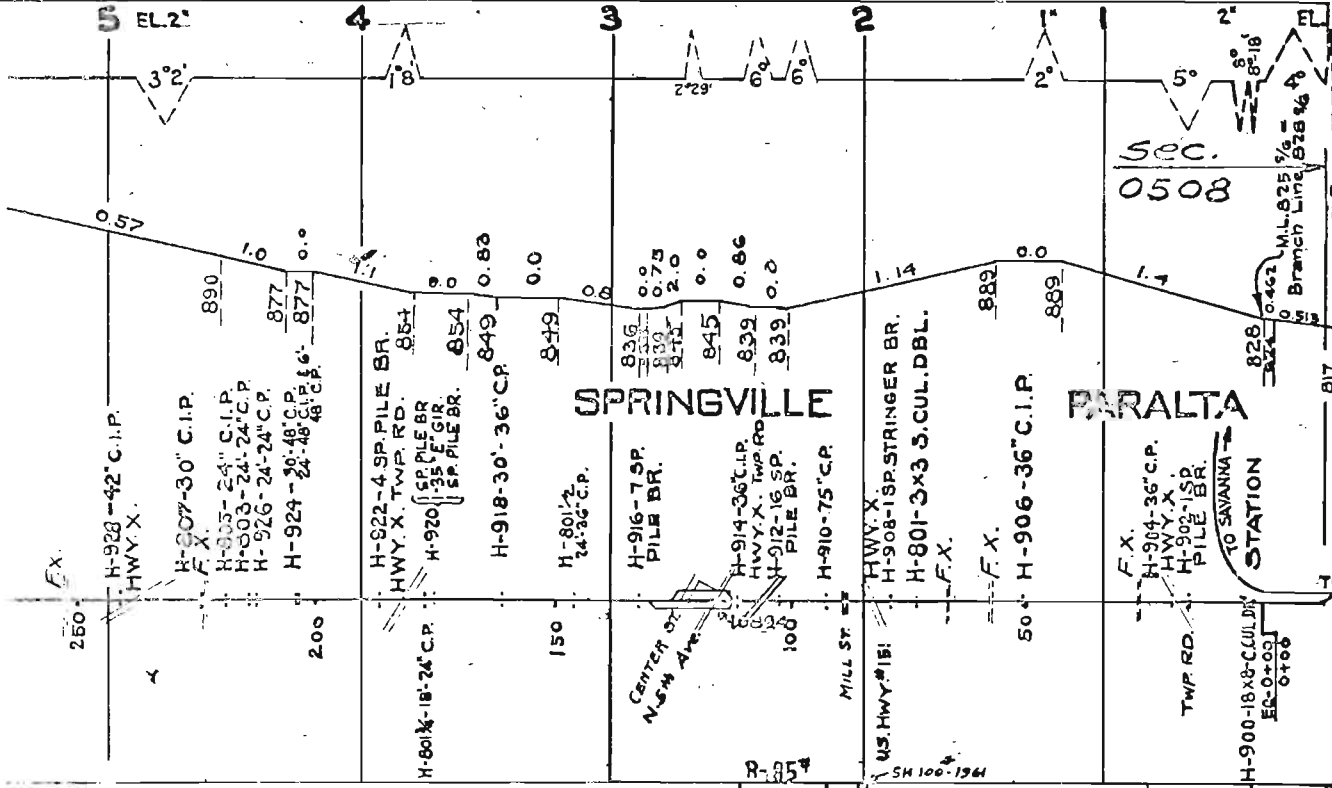
4

63

2

2'

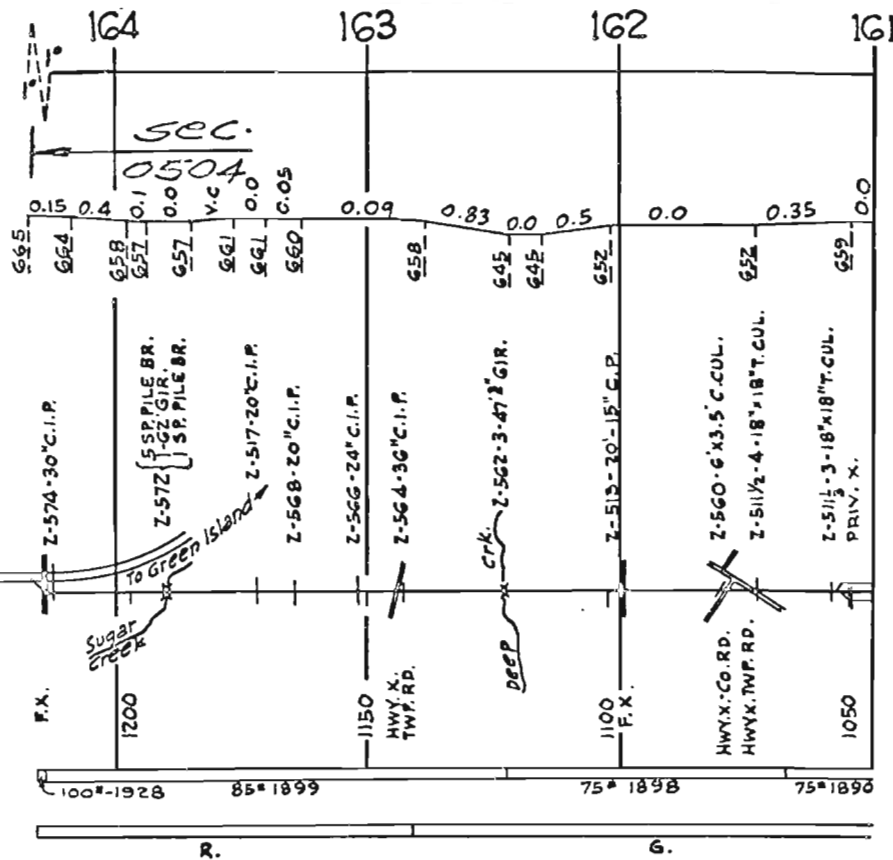
5'



SURP. - JAMESVILLE PIT RUN GR. - 1964

BROWNS

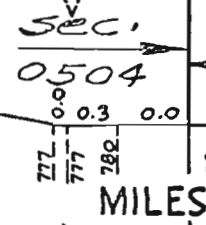
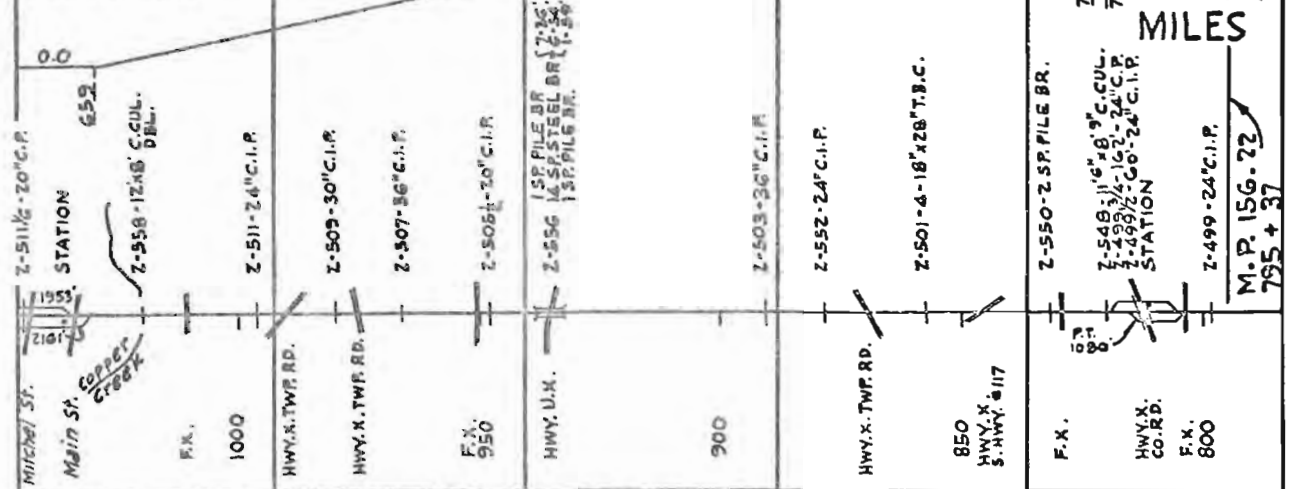
← To Marion



161 160 159 158 157 156



PRESTON



75*1890

75*1892

TRACK RETIRED 1953 - A.F.E. 73147

C-1923

156

155

154 CO.
CO.

153

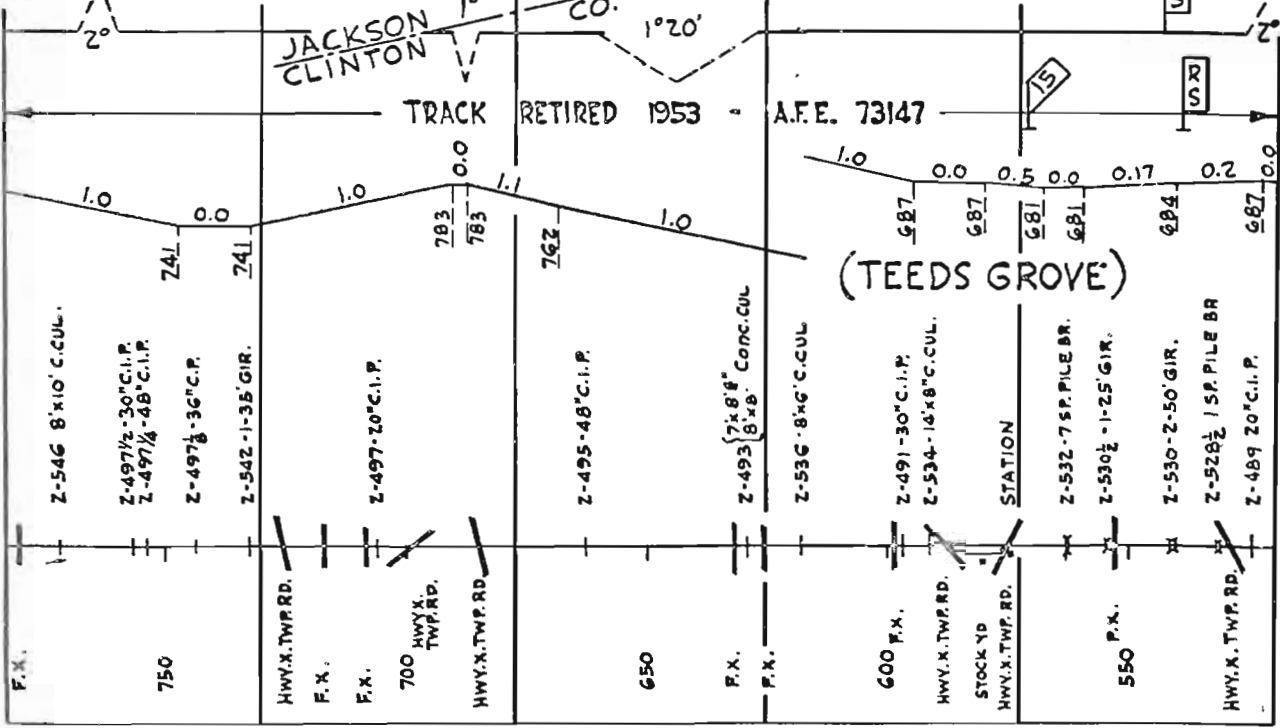
152

151

JACKSON
CLINTON

TRACK RETIRED 1953

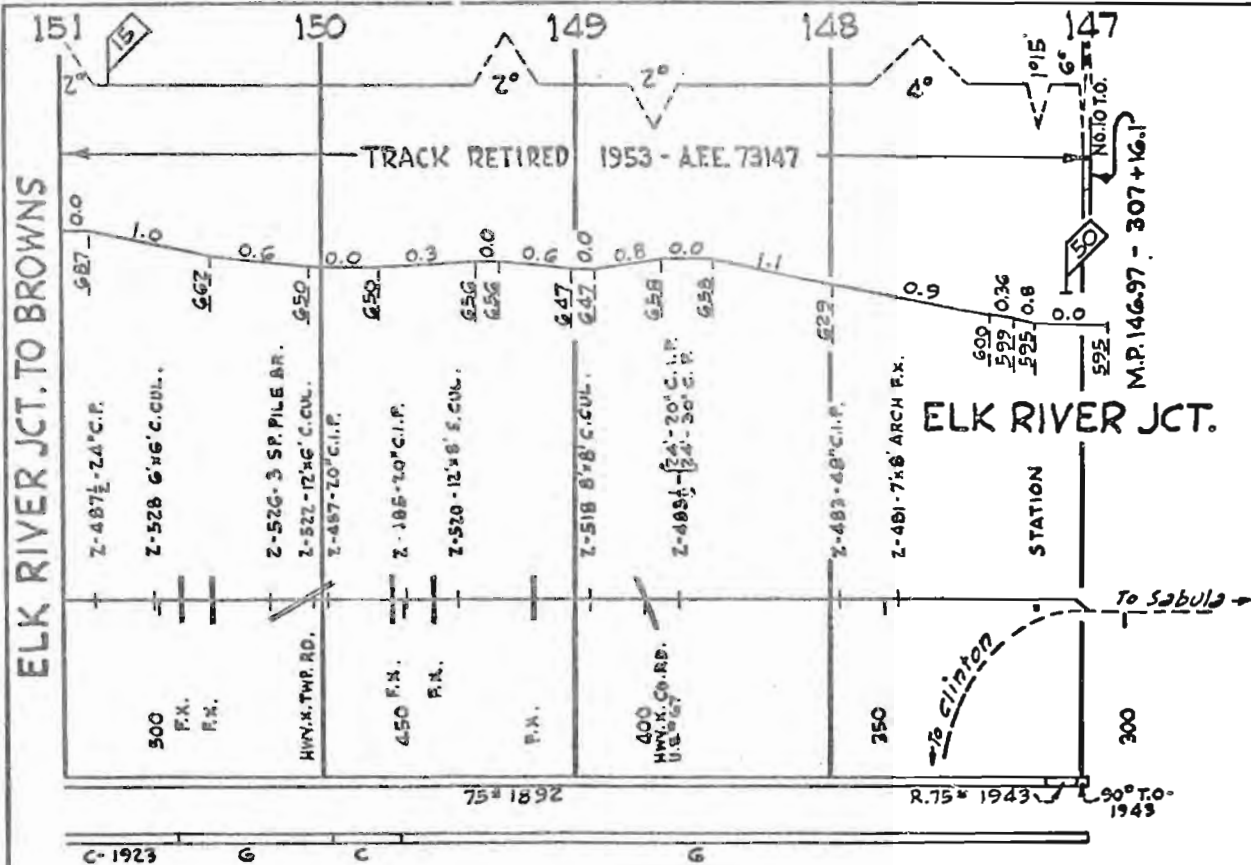
A.F.E. 73147

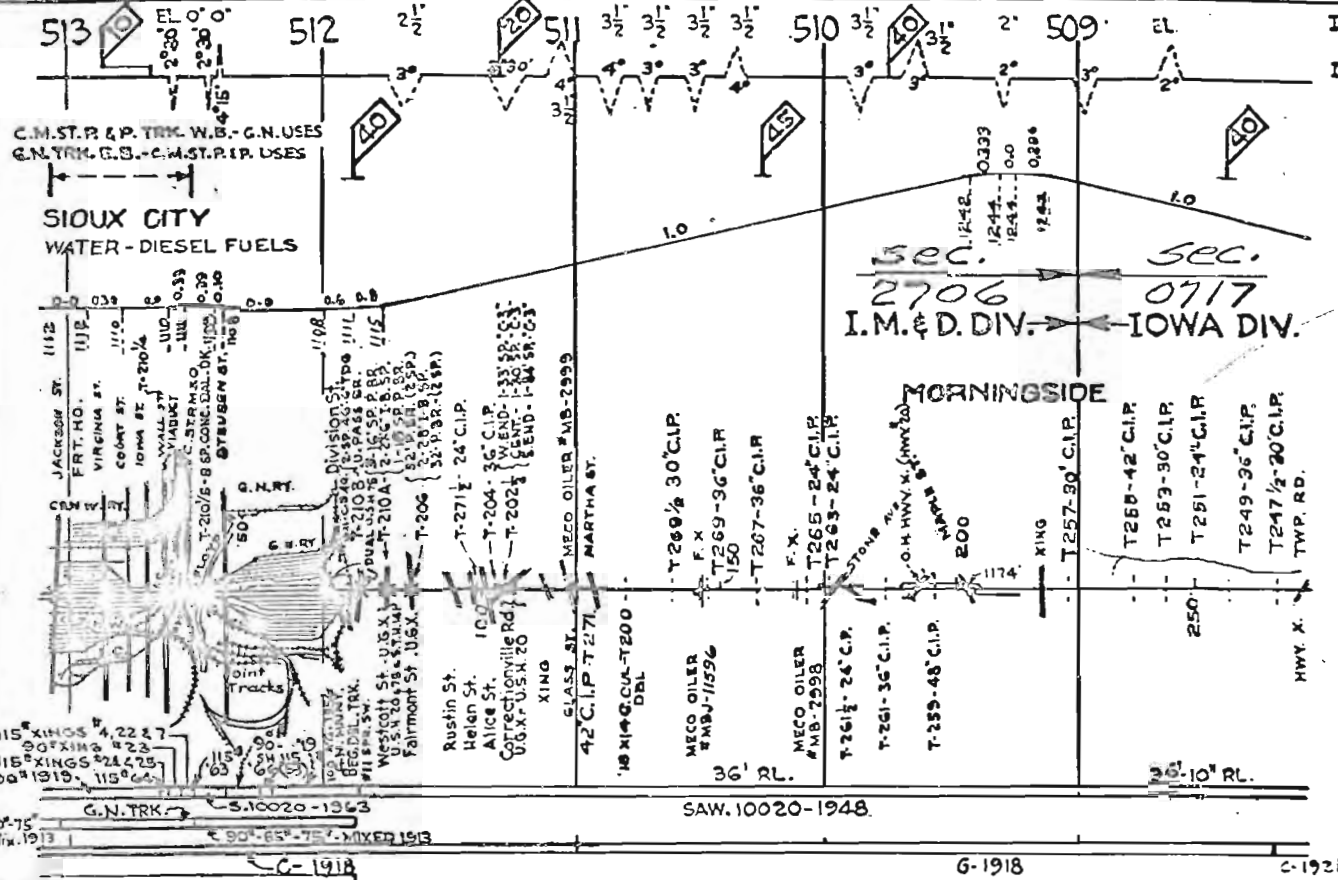


75' = 1892

(TEEDS GROVE)

ELK RIVER JCT. TO BROWNS





C.M. ST. P. & P. TRK. W.B. - G.N. USES
 G.N. TRK. G.B. - C.M. ST. P. P. USES

SIOUX CITY
 WATER - DIESEL FUELS

Sec. 2706 I.M. & D. DIV. →
 Sec. 0717 IOWA DIV. ←

MORNINGSIDE

115° XINGS 4, 22 & 7
 90° XINGS 4, 23
 115° XINGS 2, 24 & 25
 90° XINGS 1, 19 & 20
 115° CA

G.N. TRK. → S. 10020-1363
 ← 90°-65°-75° MIXED 1913
 C-1918

SAW. 10020-1948.

6-1918

C-1922

MANUAL TO SIoux CITY

IOWA
100
86

508

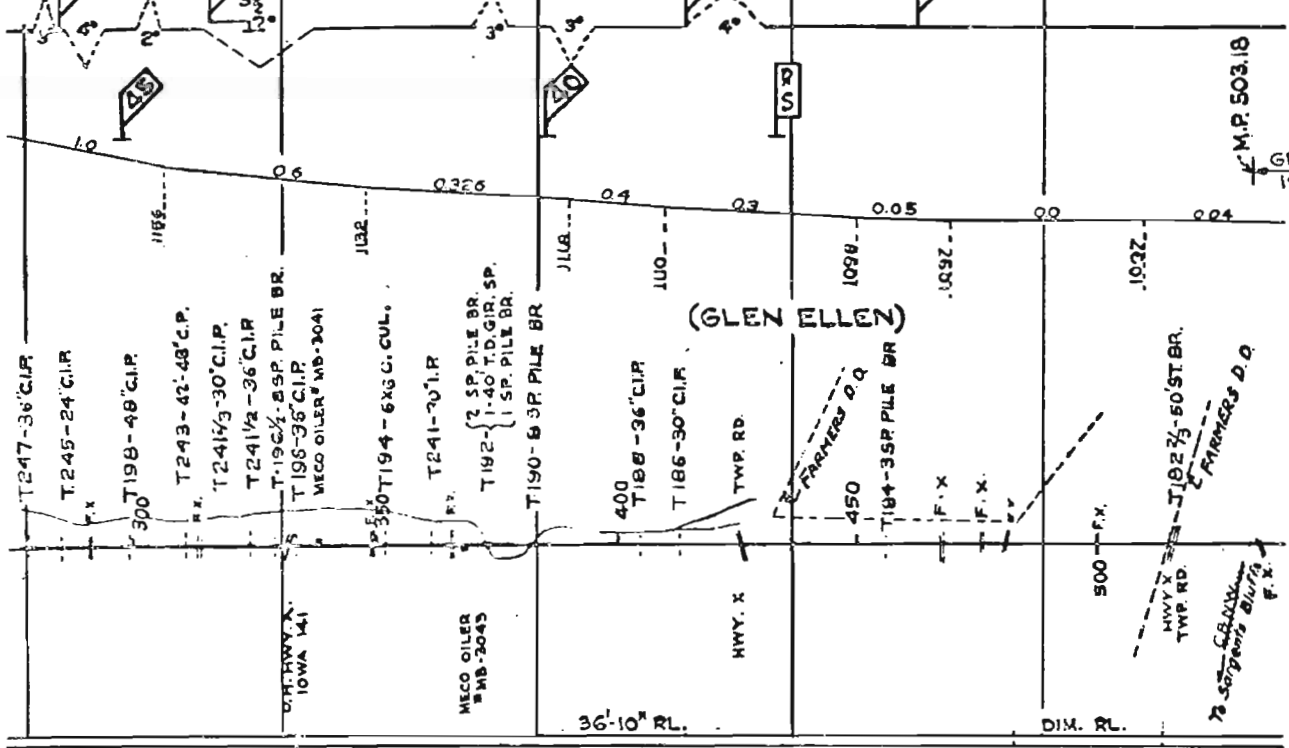
507

506 EL.

505

504

M.P. 503.18
GRY.
1985



(GLEN ELLIOT)

SAW. 10020-1948

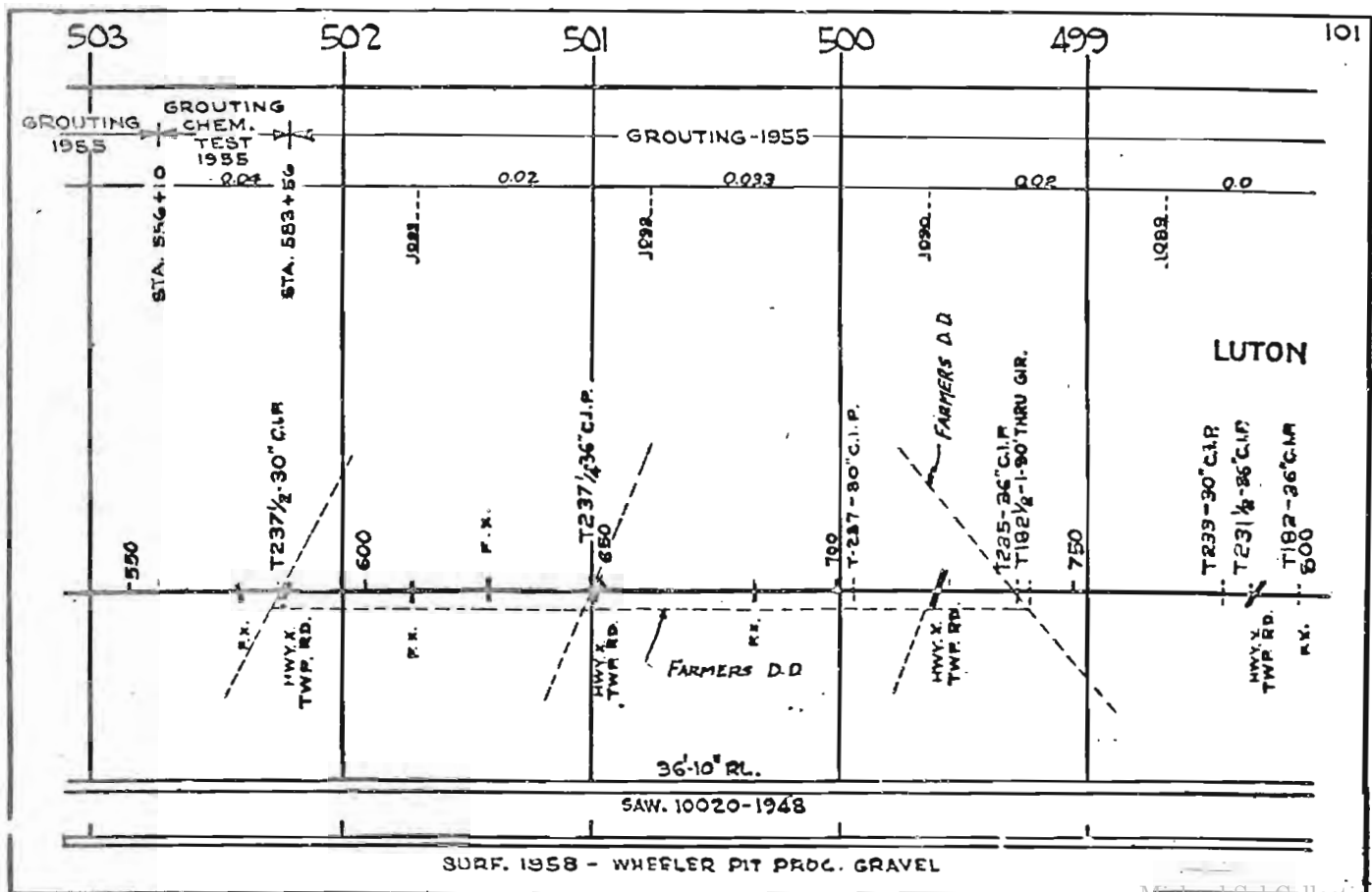
328

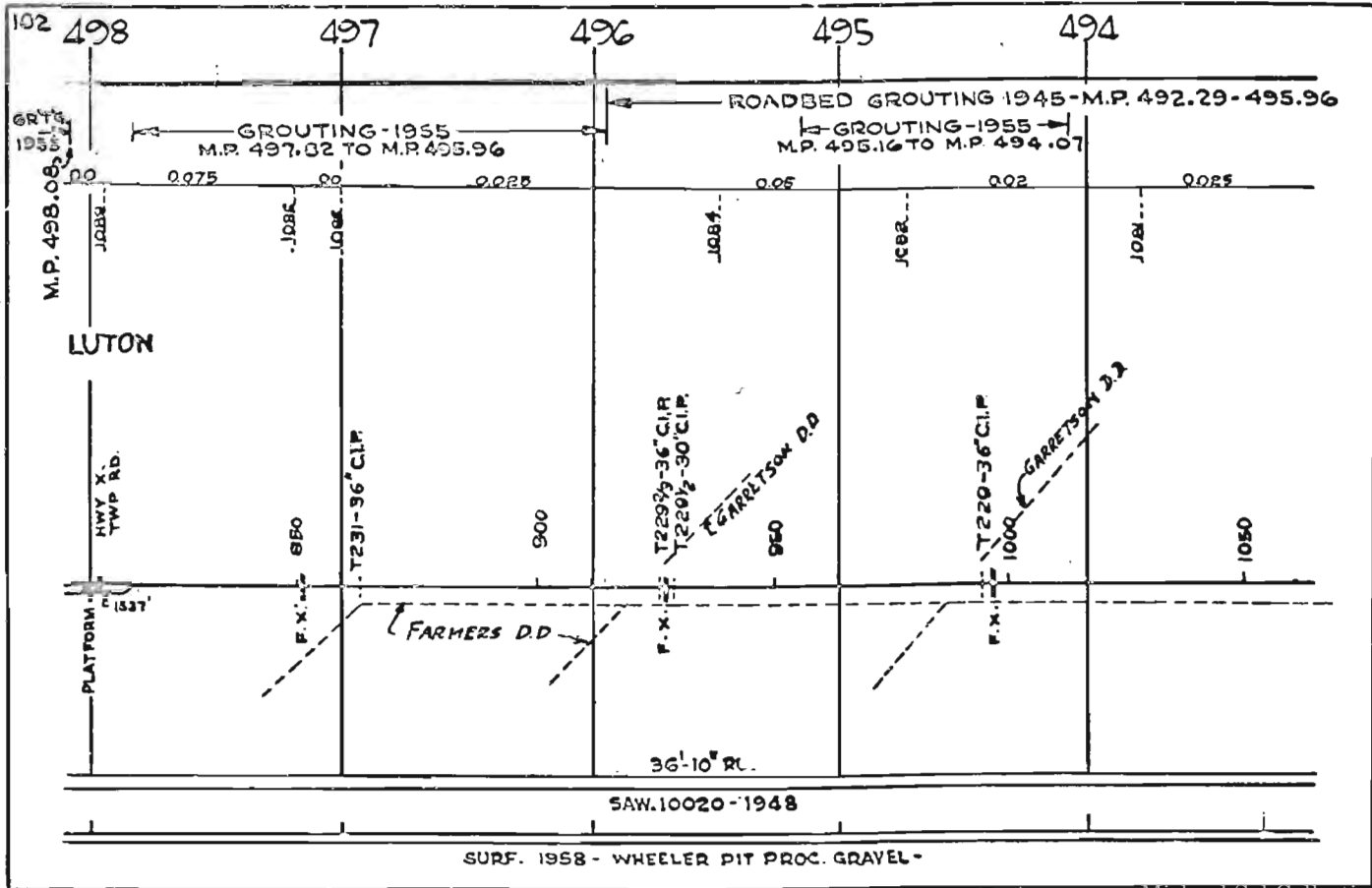
G-1918

G-18' 1918

G-1929

G-1918





493

492

491

490

489

103

GRTG.-1945

GROUTING-1955
M.P. 490.52 TO M.P. 488.82

0.023

0.04

0.00

0.025

0.244

0.00

0.07

0.00

0.005

0.00

0.05

0.00

1078

1075

1076

1078

1077

1077

1075

1078

1076

1076

1080

1080

OWEGO

TWP. RD. HWY X
T-227 1/2 - 34' C.I.P.

GARRETTSON RD.

T-227 1/2 - 34' C.I.P.

STATION 1100

T-227 - 48' C.I.P.
HWY X TWP. RD.

FARMERS D.D.

T-225 - 48' C.I.P.

1150

RY

TWP. RD. HWY X
T-223 - 48' C.I.P.
T-160 - 88' PILE BR.

1200

TWP. RD. HWY X
T-178 1/2 - 75' C.P.

FARMERS D.D.

T-178 - 86' 3/4' C.I.P.

F.X.

1250

WHISKEY CO. LATERAL D.D.
T-176 - 70' 6" BR. 43R C. BR.
T-221 - 48' C.I.P.

HWY X TWP. RD.
T-174 3/4 - 38' PILE BR.

1900 F.X.
T-174 1/2 - 80' 86" C.I.P.

HWY X - TWP. RD.

T-174 - 55' T.D. GR. SP.

REL. 10020-1945-39' RLS.

SURF.-1958 - WHEELER PIT PROC. GRAVEL

4" GRAVEL 1945
(FAIRVIEW PROC.)

104 488

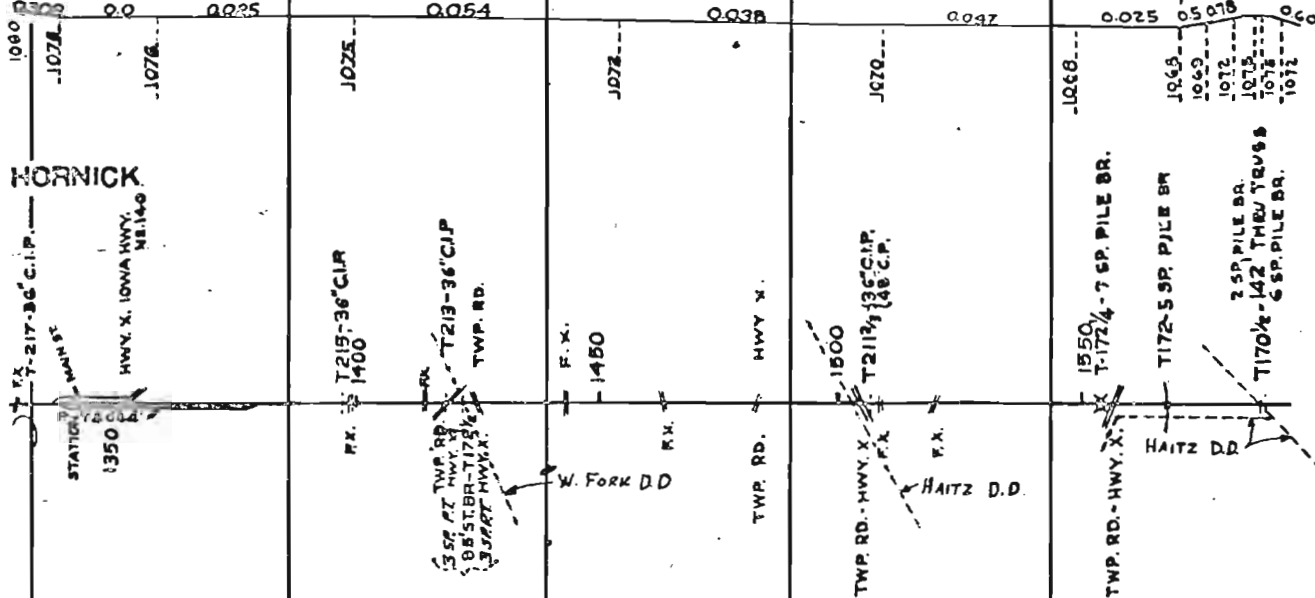
487

486

485

484

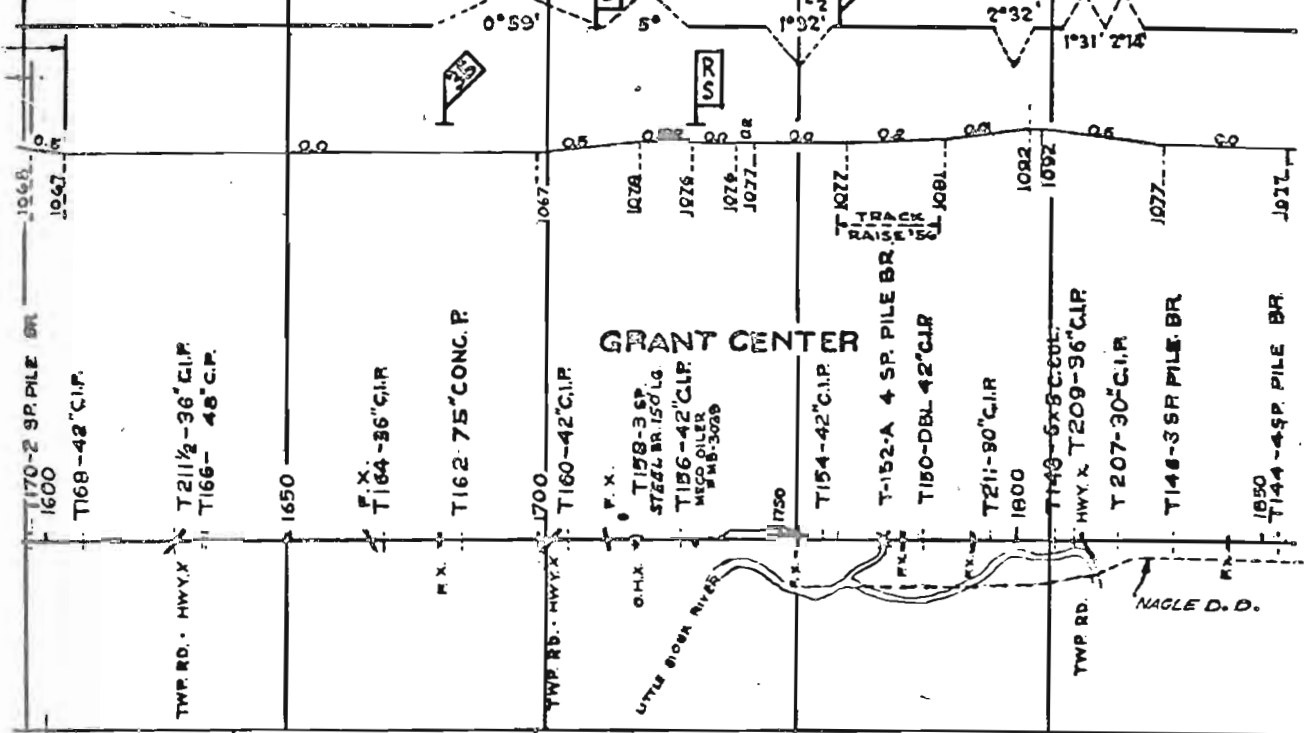
WOODBURY CO. MONONA CO.



REL. 10020-1945 - 39' RLS.

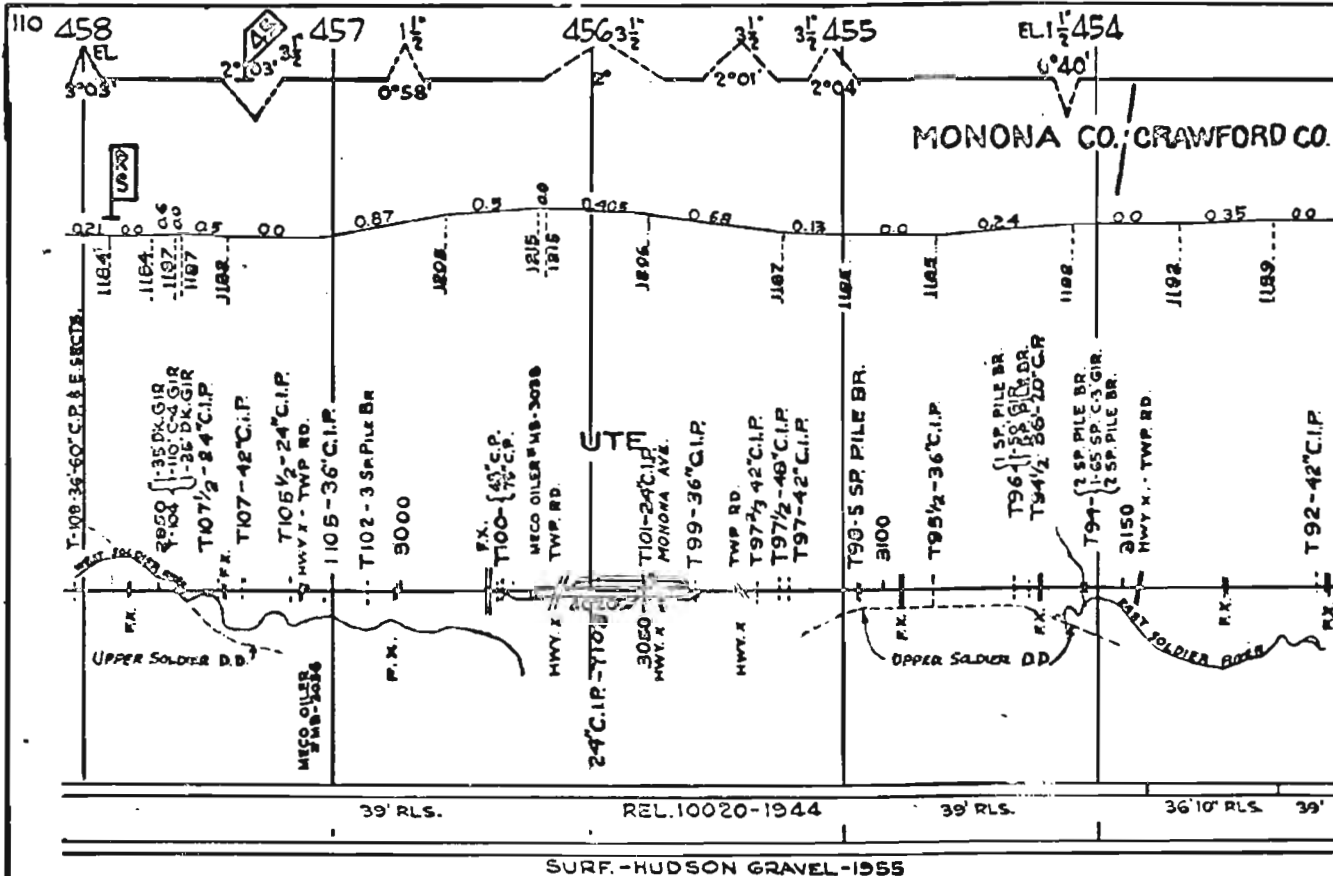
4" GRAVEL 1945
(FAIRVIEW PROC.)

483 482 ELN. 481 480. 479 2 1/2 EL. 3 1/2 105



REL. 10020-1945 39' RLS. REL. 10020-1944-36'x6' RLS. REL. 10020-1944-39' RLS.

4" GRAVEL 1945 (FAIRVIEW PROC.) 4" GRAVEL 1944 (FAIRVIEW PROC.)



453

452

451

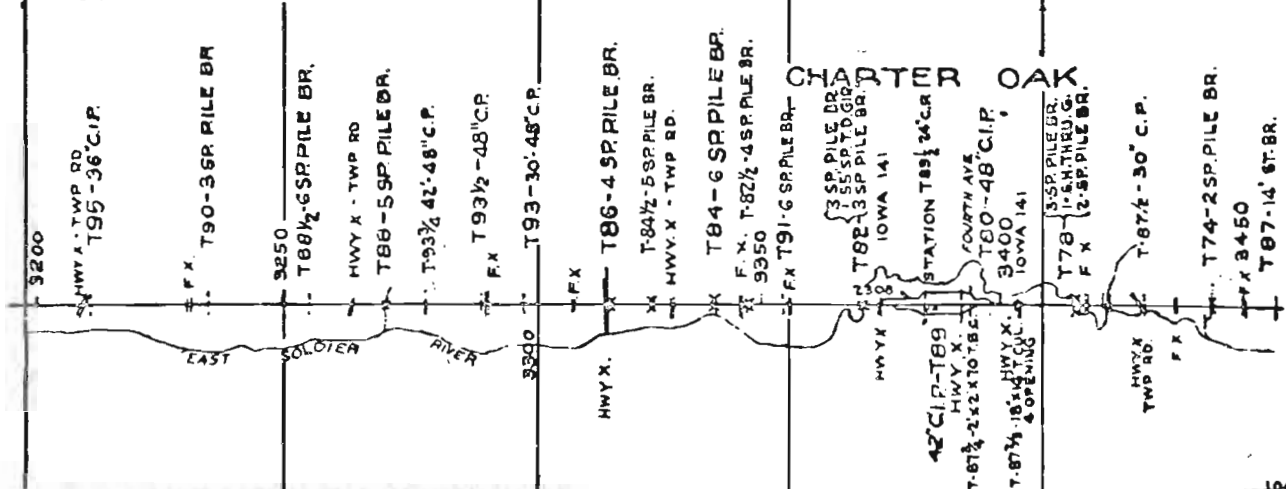
450

449 EL.

111

--- TRACK RAISE 1944 --- TRACK RAISE 1943 ---

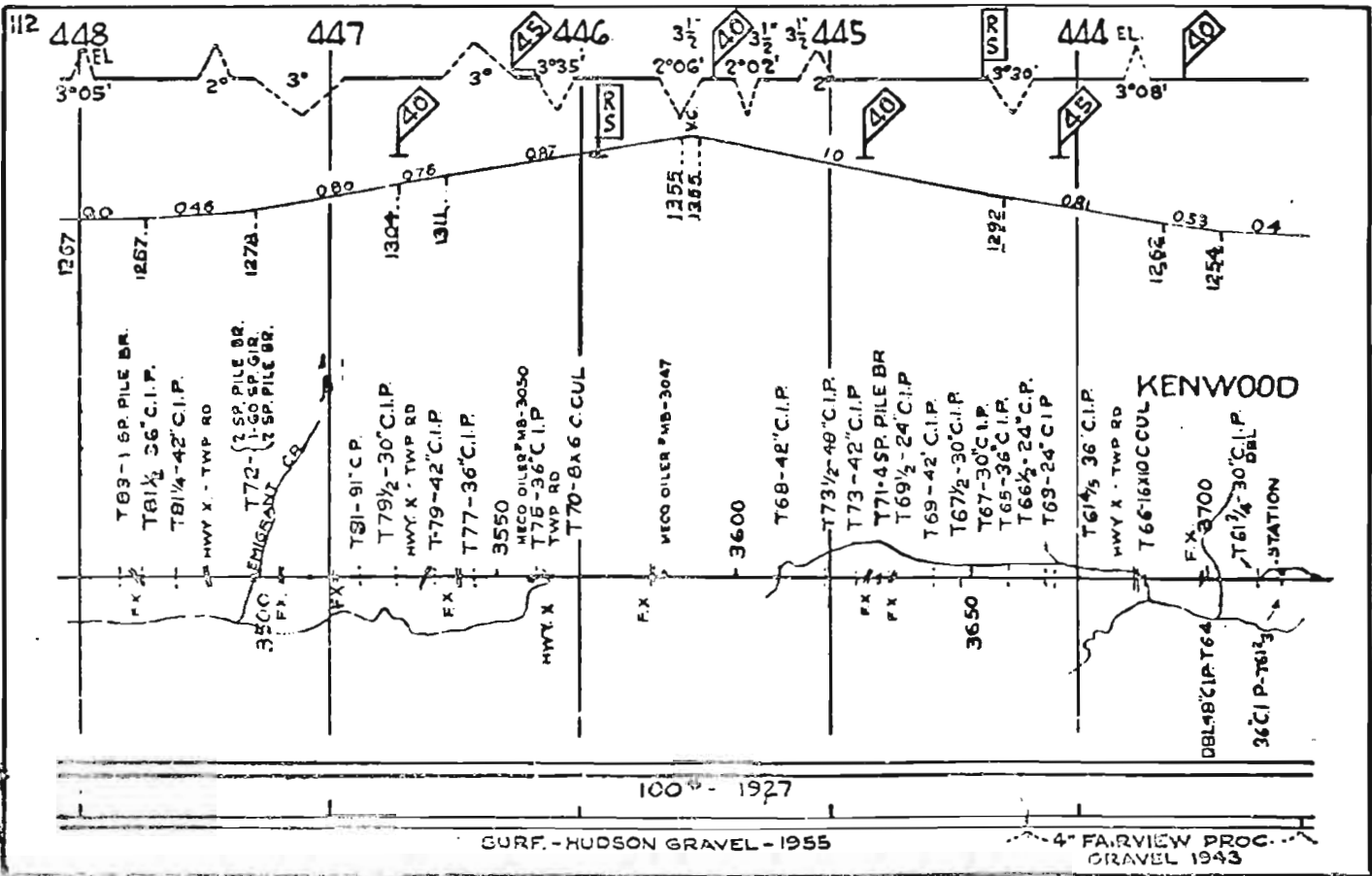
0.25 V.C. 0.368
 0.279 0.165 0.117 0.272 0.2143 0.1488 0.168 0.27 V.C. 0.23 V.C. 0.063 V.C. 0.135 V.C. 0.25
 1203 1204 1207 1211 1214 1216 1223 1227 1231 1234 1237 1238 1239 1241 1243 1244 1251 1252 1253 1254 1255 1256



REL. 10020-1944 - 39' RLS.

SURF. - HUDSON GRAVEL - 1955

160
1927.



443

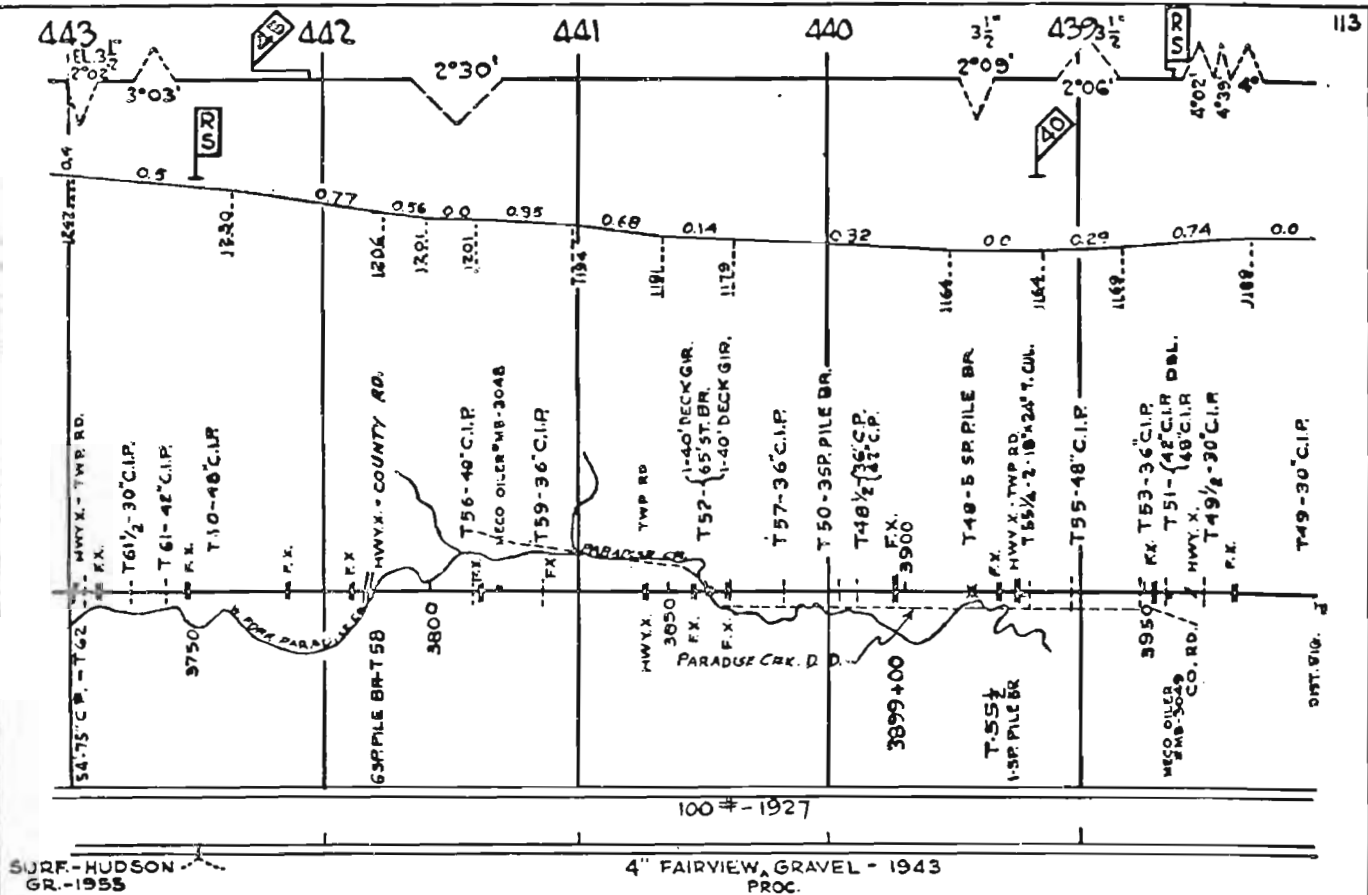
442

441

440

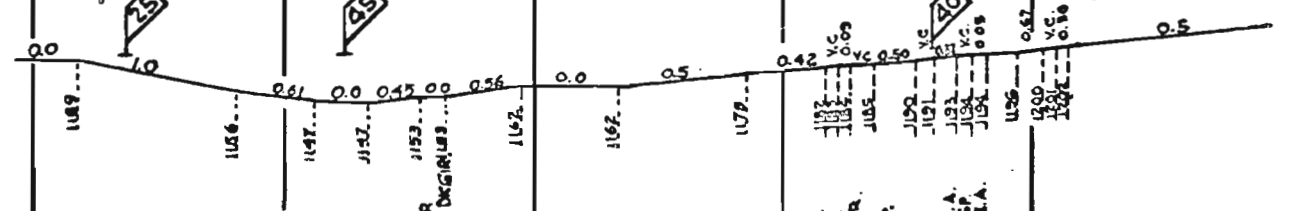
439

113

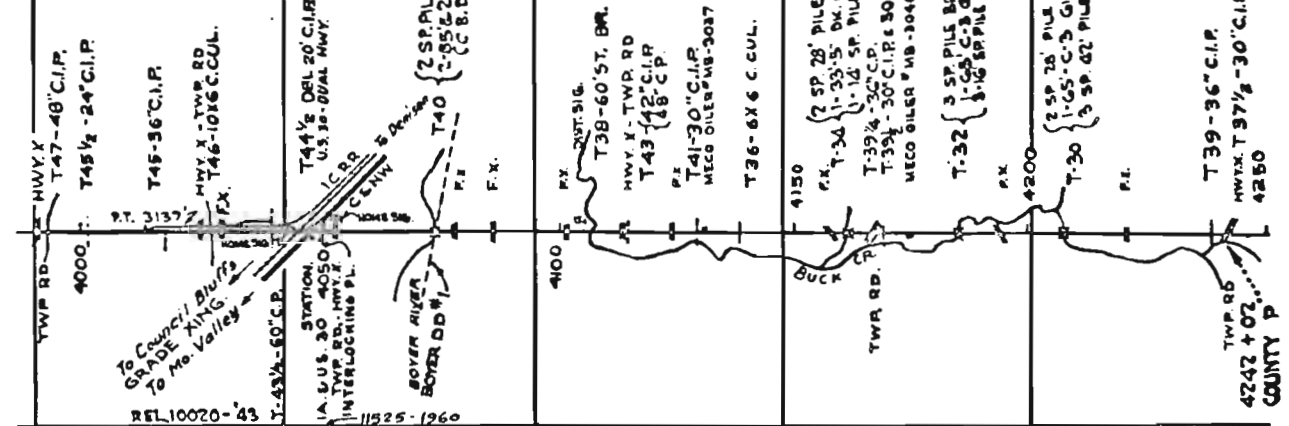


114

438 EL 2 1/2
P56
437 1'
436
435
434



ARION



100* 1927 9020 XG-1941 I.C. MAINT. 112' XNGS-1944 MILW. MAINT. REL. 10020-1943

4" FAIRVIEW GRAVEL - 1943
PROC.

433

EL

432

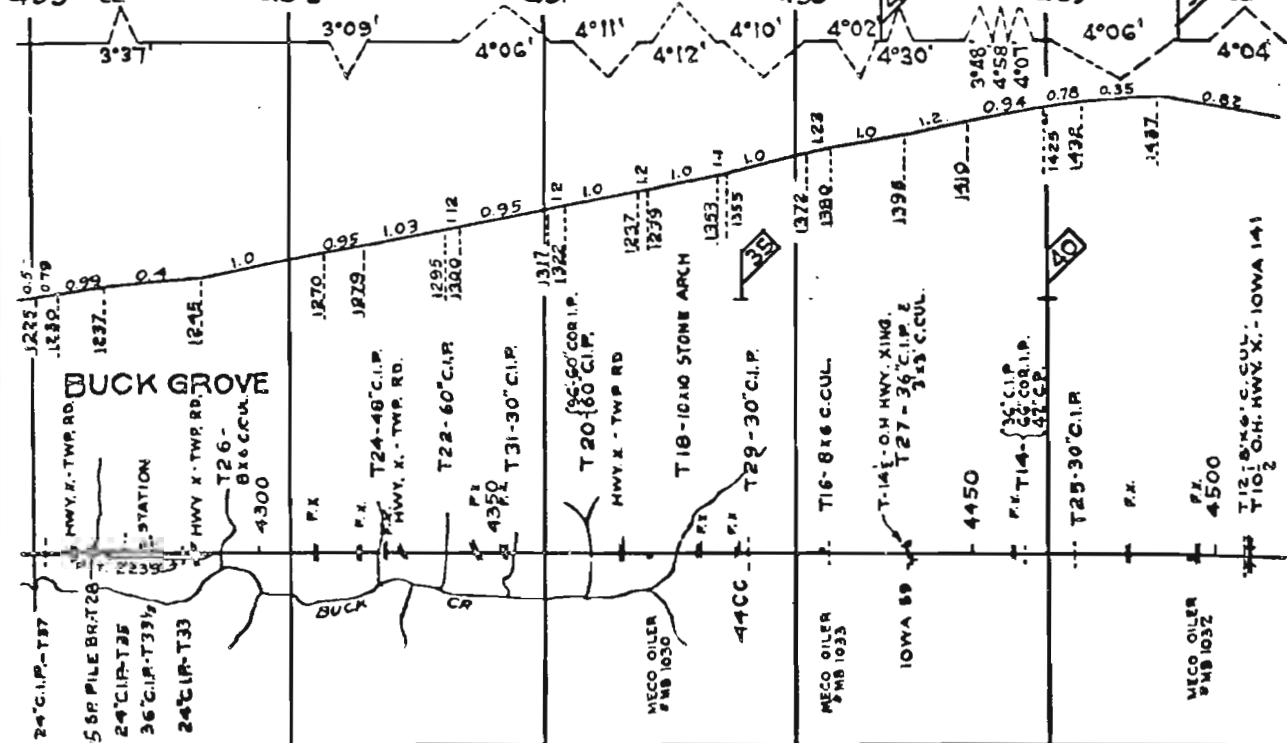
431

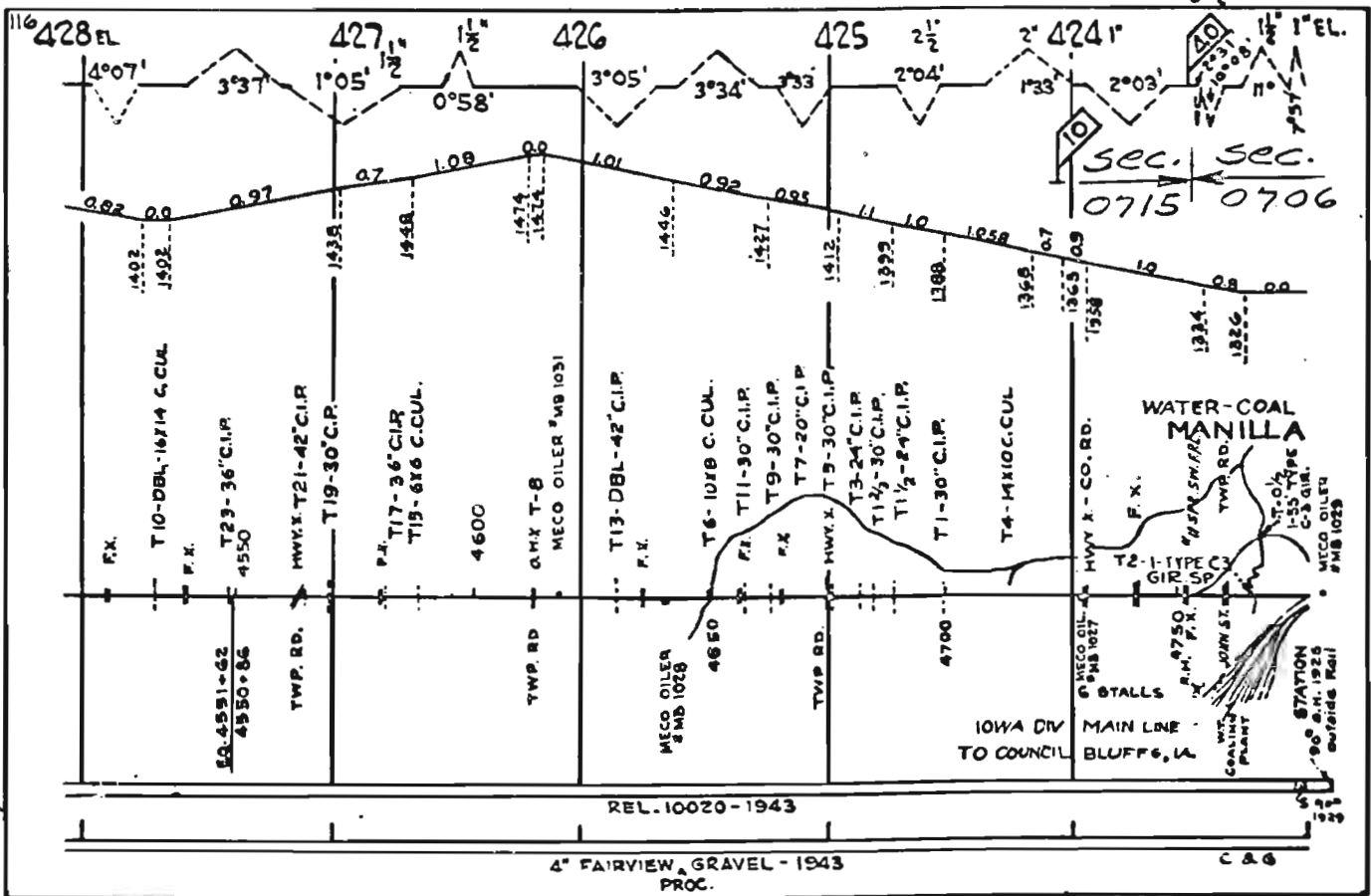
430

429

EL

115

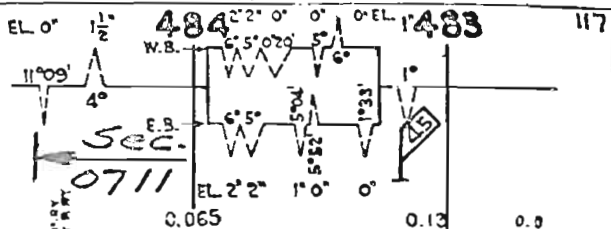




350

349

AUTO. BLOCK



← U.P.R.R. USED BY C.M.&ST.P.R.Y.

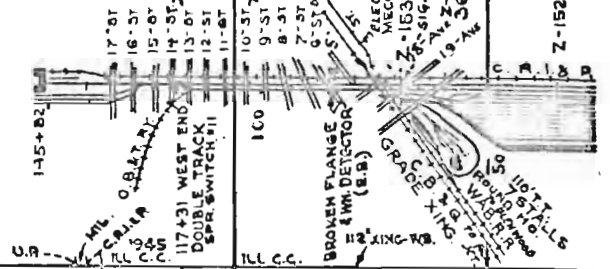
MAIN C.M. & ST. P. R. Y.
 C.M. & ST. P. R. Y.
 C.M. & ST. P. R. Y.
 C.M. & ST. P. R. Y.
 C.M. & ST. P. R. Y.

U.P.
 TRANSFER

COUNCIL BLUFFS

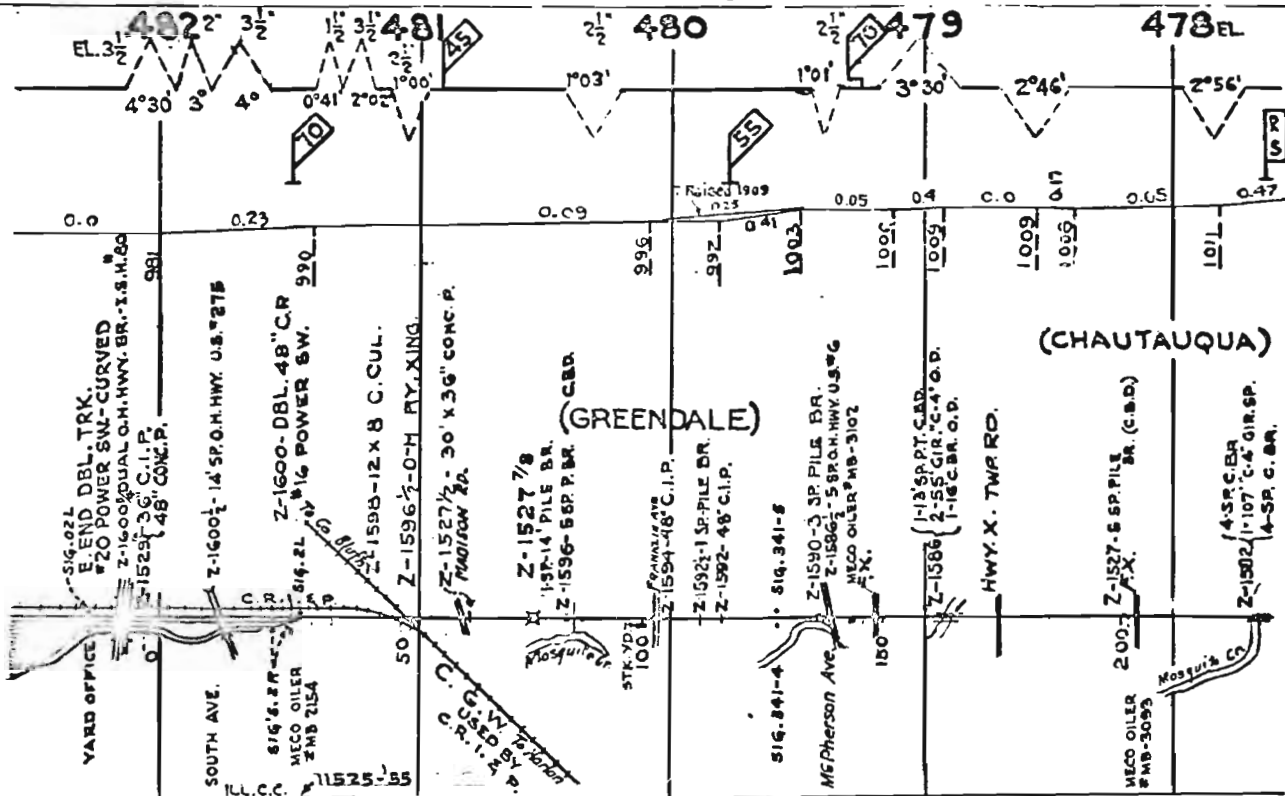
WATER

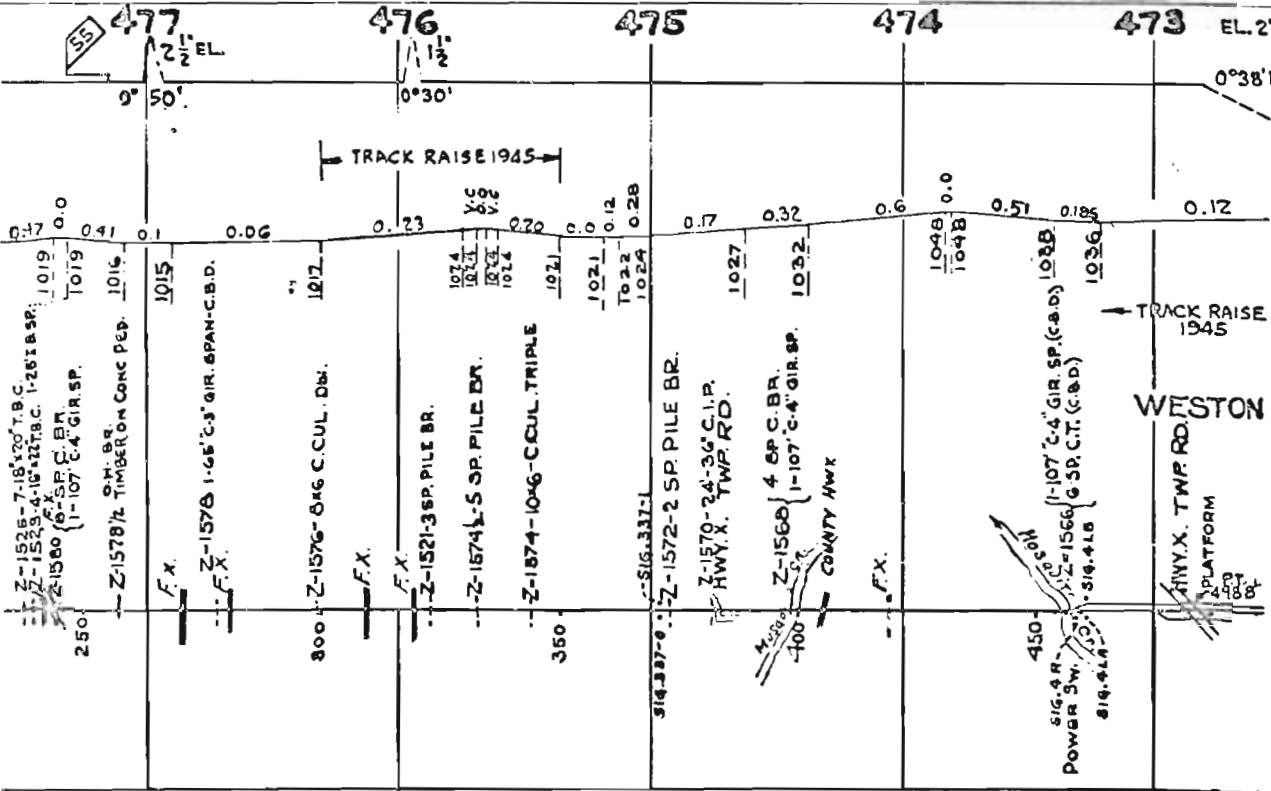
DIESEL FUEL



90' U.P. R.L.	11228-66	11228-1945	11225-1955	11 L.C.C.
90'	11228-66	11228-1945	11225-1955	11 L.C.C.
	4" GRAVEL 1946		SURF-WHEELER PROC. GR.	'55
	4" GRV. 1946		SURF-WHEELER PROC. GR.	'55

Michael B. Co. Inc.





SS 477
 2 1/2' EL
 0° 50'

476
 1 1/2'
 0° 30'

475

474

473 EL. 2' 119
 0° 38' 15"

0.17 0.0 0.41 0 0.06 0.23 0.23 0.0 0.12 0.28 0.7 0.32 0.6 0.08 0.0 0.57 0.185 0.12

1019
 1019
 1019
 1016
 1015
 1012
 1012
 1014
 1014
 1014
 1021
 1022
 1024
 1027
 1022
 1026
 1048
 1048
 1038
 1036

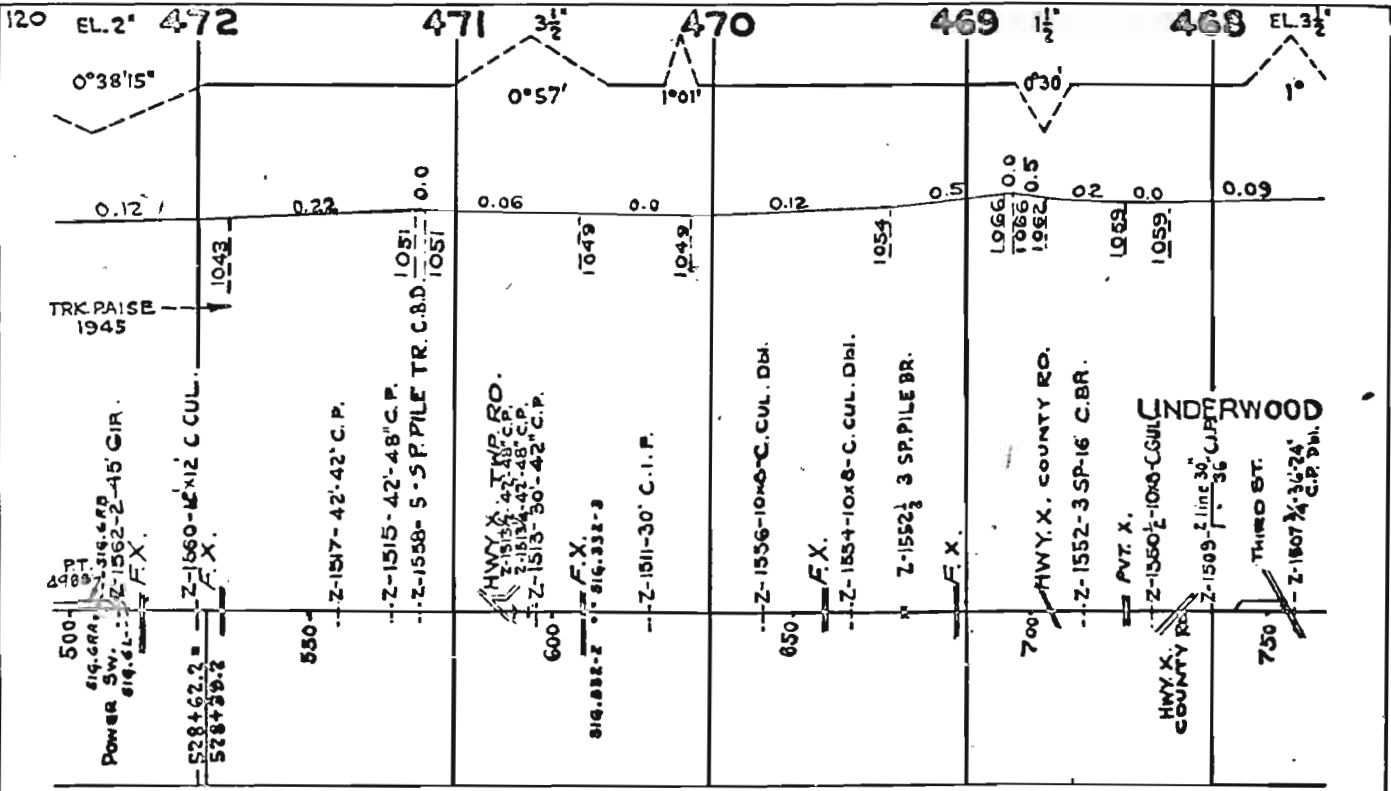
Z-1526-7-18'x20' T.B.C.
 Z-1523-4-18'x22' B.C.
 Z-1530 6-S.F. C.B.R.
 Z-1578 1/2 TIMBER ON CONC P.C.P.
 F.X.
 Z-1576 1-65' C.3 GIR. SPAN-C.B.D.
 F.X.
 Z-1576-8x6 C.CUL. DW.
 F.X.
 F.X.
 Z-1521-3 SP. PILE BR.
 Z-1574-5 SP. PILE BR.
 Z-1574-10x6-C.CUL. TRIPLE
 350
 SIG. 337-e
 Z-1572-2 SP. PILE BR.
 Z-1570-24'-36' C.I.P.
 HWY. X. TWP. RD.
 Z-1566 4 SP. C.B.R.
 1-107' C.4 GIR. SP.
 COUNTY HWY
 F.X.
 450
 SIG. 4 R
 POWER SW. 20'
 819.414
 819.418
 819.418
 1-107' C.4 GIR. SP. (C.B.D.)
 Z-1566 6 SP. C.T. (C.B.D.)
 819.418
 1036
 WESTON
 TWP. RD.
 PLATFORM
 400
 400
 400

TRACK RAISE 1945

TRACK RAISE 1945

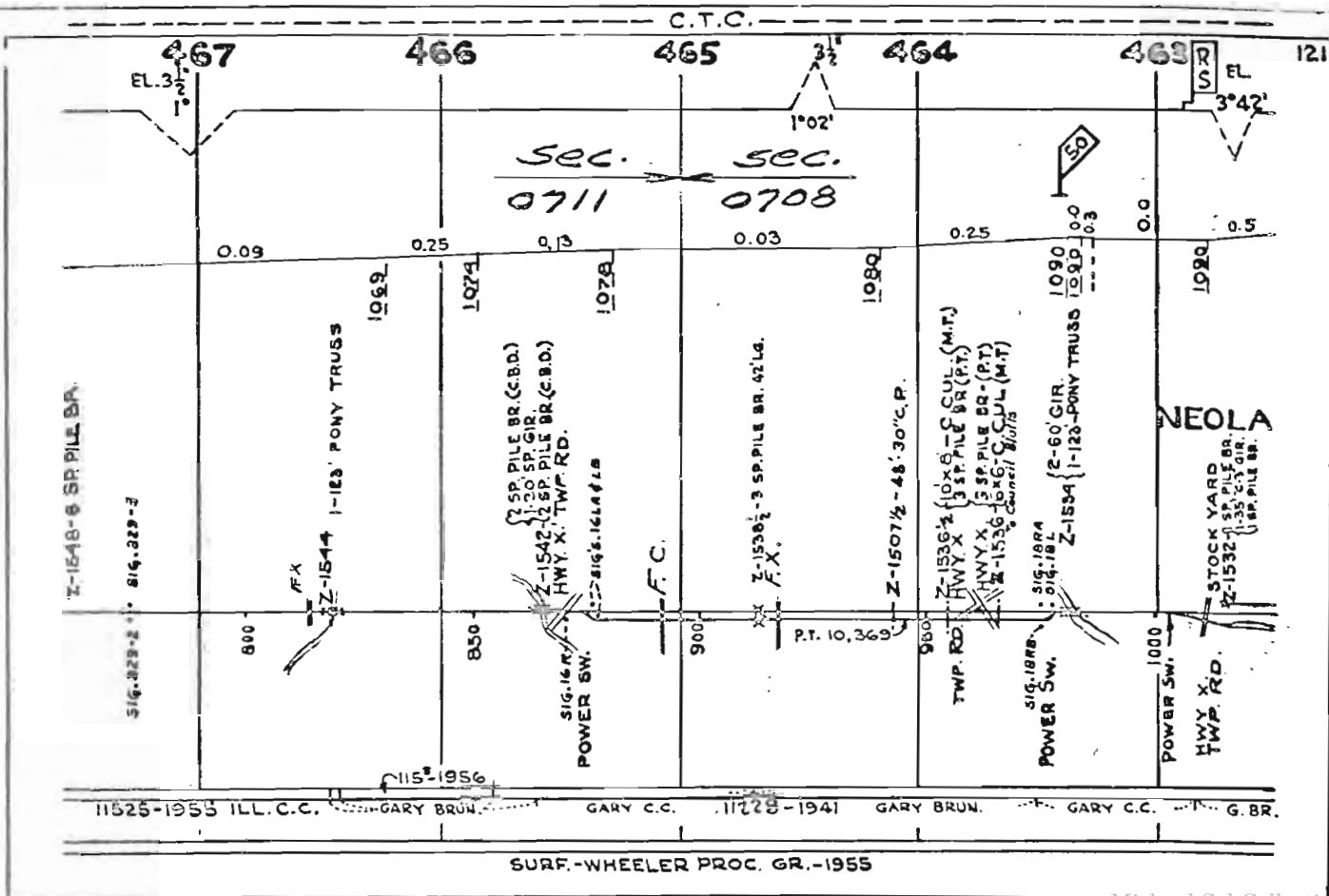
11525-1955 ILL. C.C.

SURF.-WHEELER PROC. GR. -1955



11525-1955 ILL. C.C.

SURF-WHEELER PROC. GR.-1958



122

EL

462 2 1/2'

50

461

EL. 3 1/2'

460

1°02'

459

EL. 3 1/2'

1°02'

HARRISON CO.
POTTY & TWE

458

4 ST. STATION
3 - - - - - MECO OILER #B-2087
ST. HWY. 2 - - - - - Z-1505-20" C.I.P.
#7 - - - - - Z-1503-20" C.I.P.
- - - - - Z-1501-30" C.I.P.
1050 - - - - - Z-1530 {1-40" DK. GIR.
- - - - - {1-107" SP. C-4 GIR.

EQUATION
1067 Z-1501-20" C.I.P.
F.X.

--- Z-1499-24" C.I.P.

PRIM. RD #7
ST. HWY #64
Z-1528 {0-N. HWY. BR. 3 SP. 145' L6.
F.X. Sig. 223-3

1100 T. HWY. X. TWR RD.
Z-1528-1-45" DK. GIR. SP.

--- Z-1497-20" C.I.P.

Mosquito Z-1524 - FILLED

F.X. Z-1522 {1-14" SP. PILE BR.
- - - - - {1-55" T.D. GIR.
F.X. - - - - - {1-12" PILE BR.

--- Z-1520-36" C.P.

F.X.

Z-1518 1/2-3 SP PILE BR.

sig. 221-2-3 F.X.

1200 T. HWY. X. Z-1518
TWR RD. 3-GIR. 1-60-2-50

1250 - - - - - Z-1495-36" C.P.
- - - - - Z-1514-3 SP 16" C.B.R.

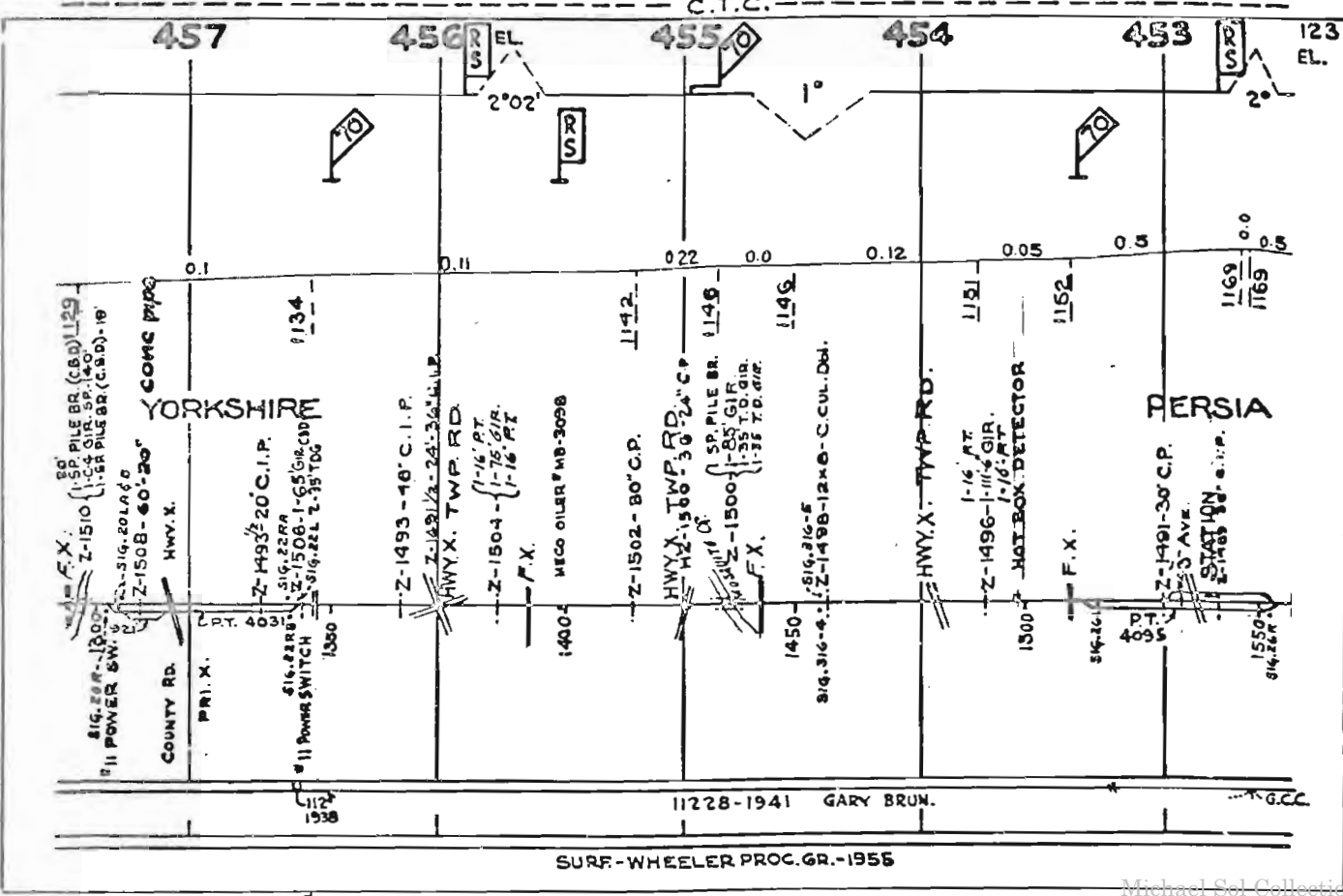
F.X.

--- Z-1512-1 SP. PILE BR.

1109 0.61 1109 0.0 1109 0.40 0.0 1099 0.17 1109 0.0 1109 0.15 1111 0.19 1118 0.04 1119 0.1 1128 0.13 1125 0.35

11228-1941 GARY BRUM.

SURF.-WHEELER PROC. GR. -1955



C.T.C.

SURF-WHEELER PROC. GR.-1956

Michael Sol Collection

124

PL

452

451

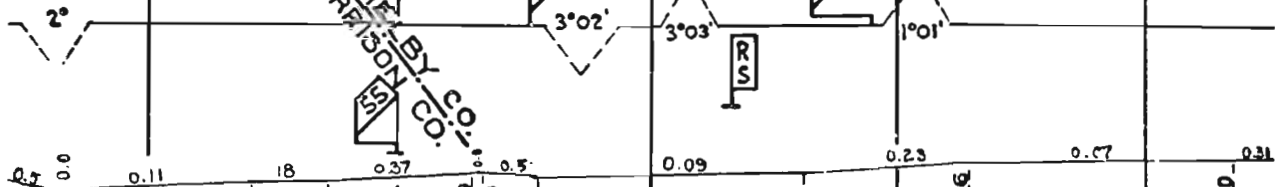
C.T.C.

450 5'

449 3 1/2' EL.

448

SHAW-WHEELER BY CO. - HARRISON CO.



EQUATION
 $1522+527=1572+8.43$

Z-1494-42" CONC PIPE DBL. 1161
 HWY. X. TWP. RD.
 Z-1492 3/4-1 SP. PILE BR.
 F.X.
 1165
 F.X.
 1168
 HWY. X. TWP. RD.
 Z-1487 1/2-3 SP. PILE BR.
 Z-1490-10x9-C.CUL.
 1650
 Z-1487-26" C.I.P.
 HWY X TWP. RD.
 Z-1488-7 SP. PILE BR. C.B.D.
 516.312-2 • 516.312-3
 MECO OILER #MB-5179
 MECO OILER #MB-3097
 1700
 HWY X TWP. RD
 F.X. Z-1486-
 {1-75" SP. TIM. BR.
 {1-35" T.D. GIR. C.B.D.
 {1-75" TIM. BR.
 F.X.
 Z-1485-40" C.I.P.
 1750
 Z-1484 1/2-30-36" C.P.
 Z-1484 1/2-1 SP. PILE BR.
 HWY X TWP. RD.
 Z-1483 1/2-24-24" C.I.P.
 Z-1484-3 SP. PILE BR.
 516.288A
 Z-1482-80"-03" GIR. OP. DK.
 POWER SWITCH
 516.288A
 1800

1128-1941 GARY C.C.

SURF.-WHEELER PROC. OR.-1955

ST HWY 39

HWY X Z 1483-30" C.I.P.

Z-1481 1/2 10-T.B.C.

STATION

Z-1481 1 1/2 x 1 1/2 T.CUL
4 OPENING

Z-1480-2-48" C.P.
2-48" COR.
1.P.-EXT.

HWY X. 1850
TWP. RD.

1200

0.01

Z-1478-2 SP. C. BR.
5 BR. PILE BR. (P.T.)

1200

P.T. 10,602'

Z-1479 1/2 30" C.I.P.
30" CORR. 1.P.-EXT. 1202

Z-1479 3/4 42" C.P.

Sig. 3088 - F.X. 516.8088

Z-1476 1/2 30 DK GIR C&D

Z-1476 1/2 40 DK GIR C&D

Z-1474-75" C.P.

HWY X. TWP. RD.

1210
1210
1206
1208
0.0
0.25
0.0

F.X.

Z-1472-5 SP PILE BR

F.X.

1950

0.07

F.X. (2 SP PILE BR. C&D.
Z-1470 1-70" DK GIR. C&D.
1-35" DK GIR. C&D.
1 SP PILE BR. C&D.)

Sig. 306-5

HWY X. TWP. RD.

Z-1468 1/2-1-20" I BEAM GIR.

1213

2000 Z-1468 1/2-1-SP. PILE BR.

HWY X. Z-1479 1/2-48" 60" C.I.P.

Z-1479 30" C.I.P.

F.X.

1227

MECO OILER # MB-3089

Z-1477 1/2-24-30" C.P.

Z-1477-30" C.I.P.

MECO OILER # MB-3086

Sig. 305-0
2,050

Z-1468-3-SP PILE BR.

HWY X. TWP. RD.

1228

1234

11278-1941 GARY C.C.

11525-1955
L.L. C.C.

SURF-WHEELER PROC. GR.-1955

447

EL. 3 1/2'

446

3 1/2'

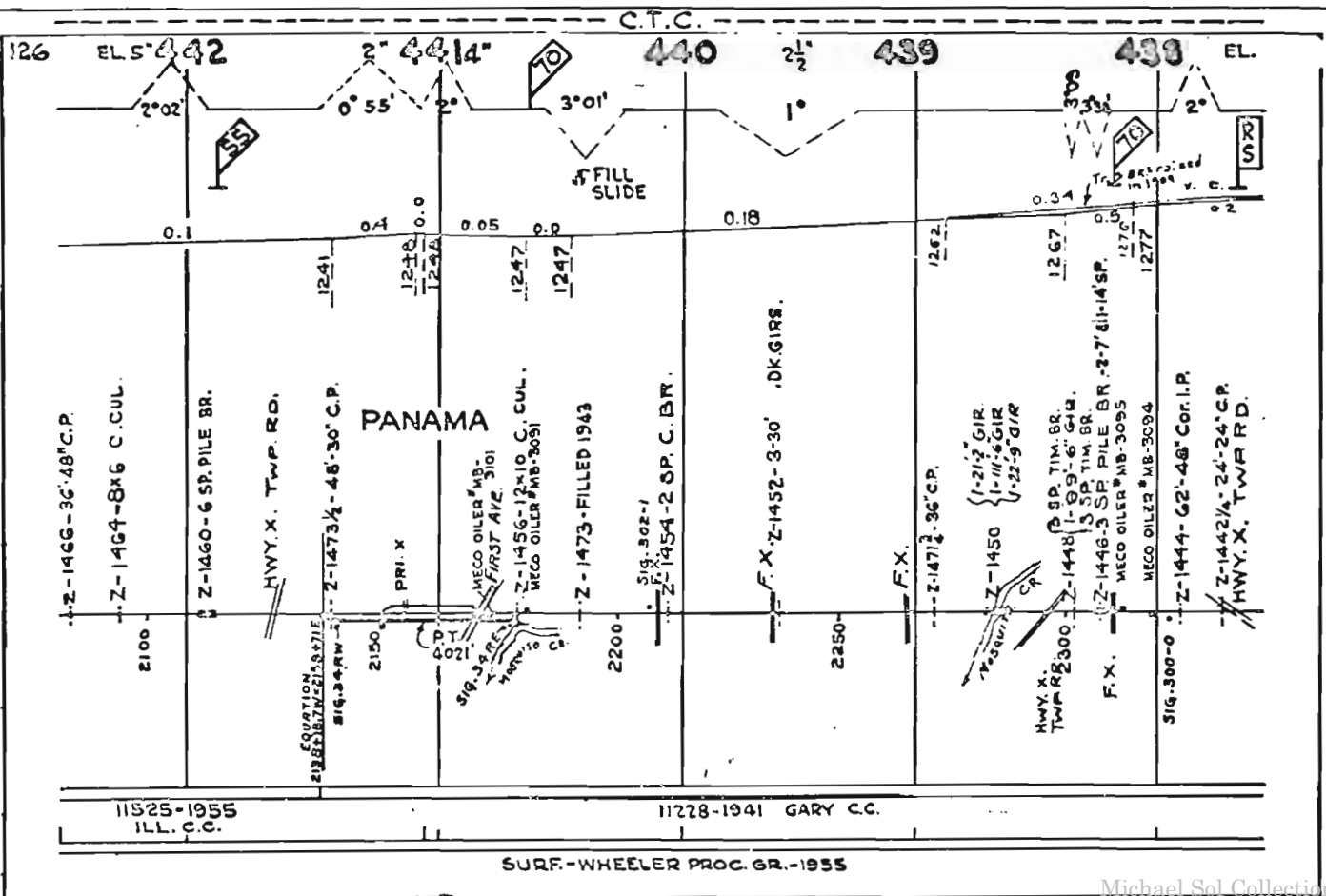
445

444

443

125







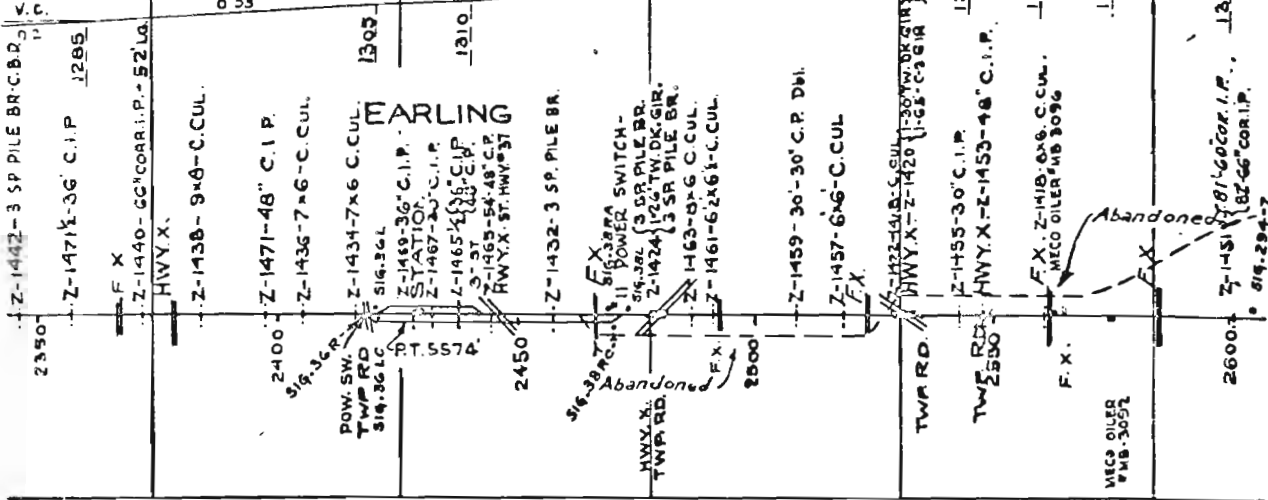
437 EL. 3 1/2'

436 3 1/2'

1/2' 435

434

433 EL 127



11228-1941 GARY C.C

SURF. WHEELER PROC. GR. 1955

128

432

431

430

429 3 1/2

428

EL. 3 1/2

C.T.C.



Sec. 0708 Sec. 0706

0.66

0.58

0.66

0.58

0.58

0.8

1284

1283

1282

1277

1276

0.0

0.36

0.0

0.3

0.0

0.1

FX Z-1449-30° C.I.P.
TWP RD. HWY X Z-1416-1-30° G.I.R.
Z-1414-12° X 10° C.CUL

FX Z-1447-42° CP (OBL.)
2650

FX Z-1445-36° C.I.P.
HWY X TWP RD.
FX

FX Z-1412
1211 C.CUL. DN.

Z-1410-3-60° D.G.I.R. (C.B.D.)
2700
Z-1408-26° 16' 5" C.CUL. ST. HWY. #4
4 3/4'

MECO OILER
MB308
EQUATION
216.251-4
2713158-2151-254

STATION

DEFIANCE

Z-1443-48° C.I.P.
FX

HWY X TWP RD.
2800 Z-1441 1/2-48-60° CP

FX Z-1441 1/2-36° C.I.P.-48° CP

FX Z-1404-25° PILE BR.

HWY X Z-1412-24° C.I.P.

FX Z-1441 1/2-36-48° CP

FX Z-1402-24° C.CUL & 25° PILE BR.

FX HWY X TWP RD.

FX Z-1400-3 SP. PILE BR. (C.B.D.)

FX Z-1398-7 1/2° PILE BR. (C.B.D.)
HWY X TWP RD.

FX 2900-216.222-7

FX

11228-1941 GARY C.C.

S.H.112 #-1954 (1937-40)

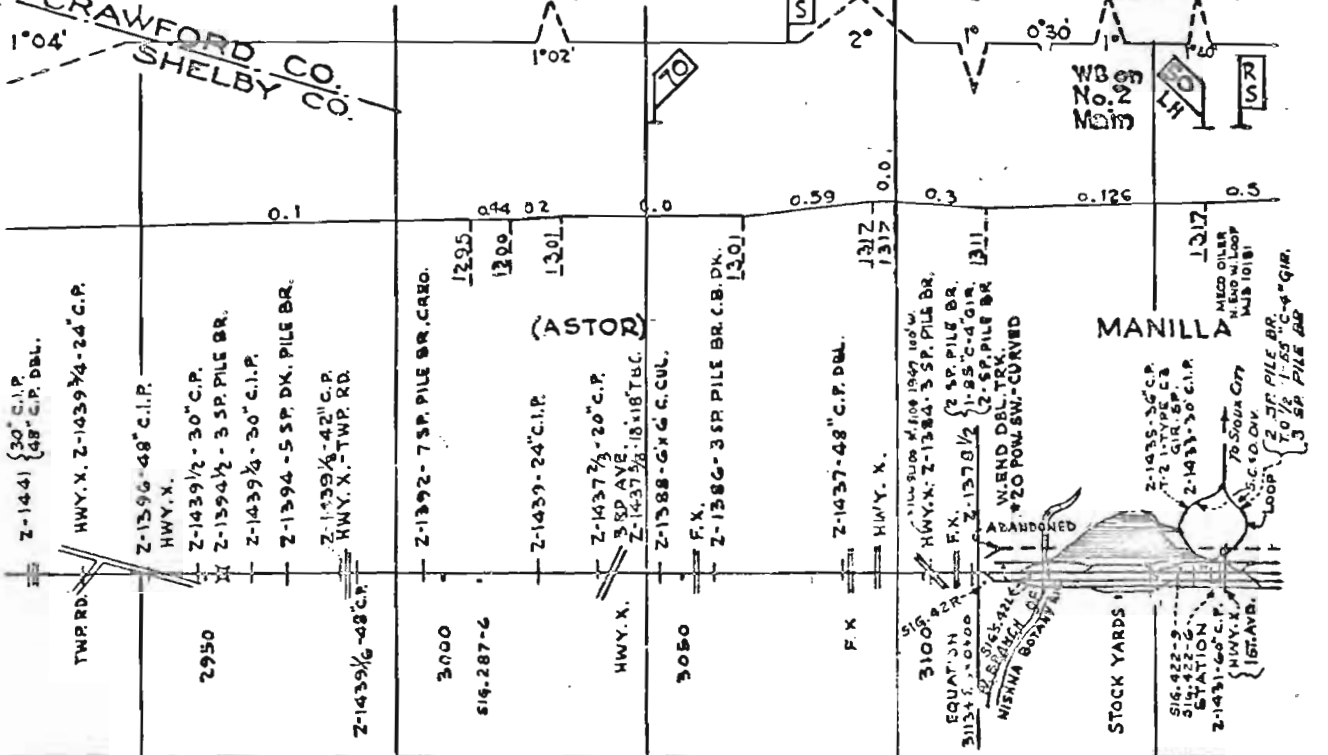
SURF.-WHEELER PROC. GR.-1955

SURF.-WHEELER PROC. GR.-1954

C.T.C.

3 1/2" EL. 427 426 EL. 3 1/2" 425 424 2 1/2" 1" 2" 423 EL. 2 1/2" EB 129

1°04' CRAWFORD CO. SHELBY CO.



(ASTOR)

MANILLA

S.H. 1124-54 (1937-40)

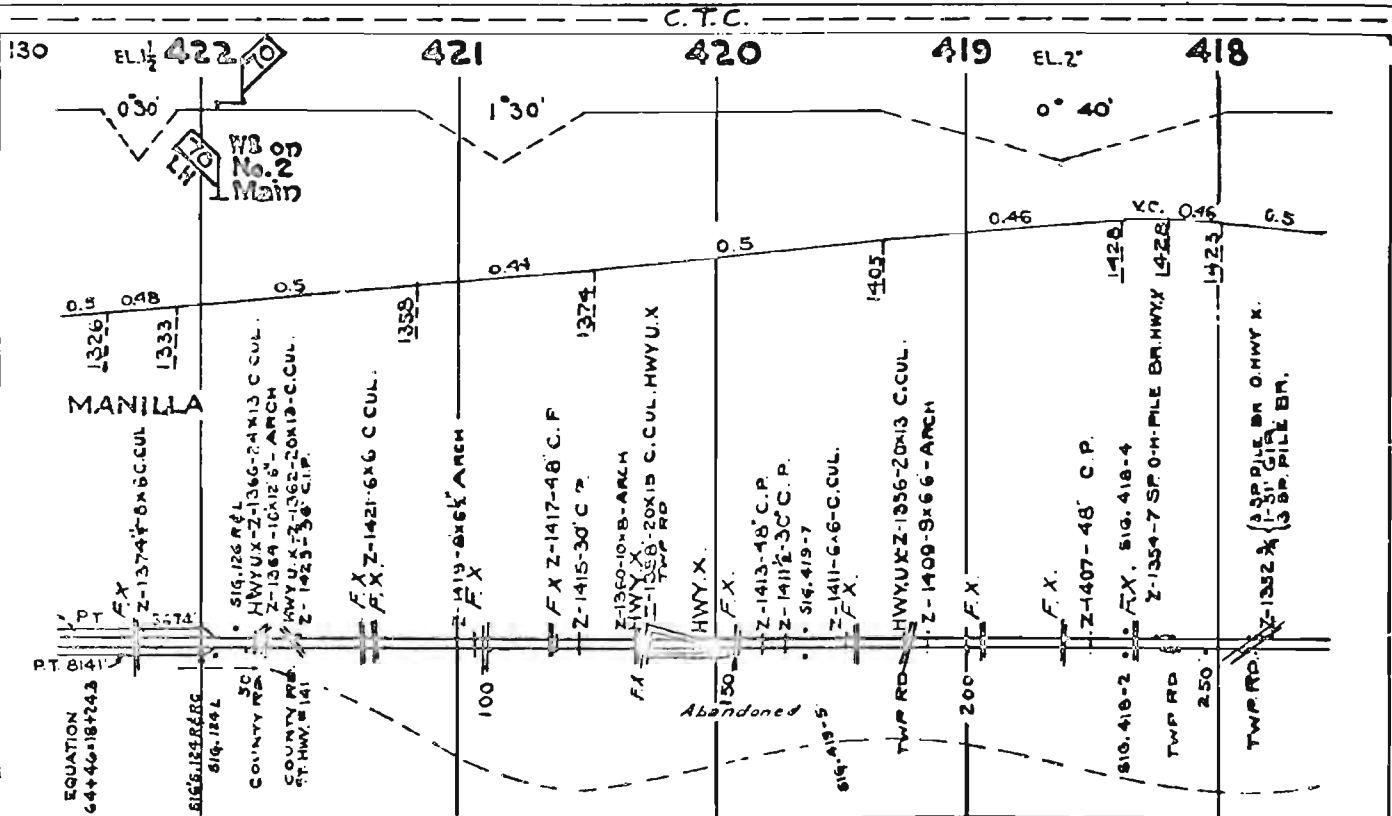
115°-54' 115°-54' 112°-46'

115°-56' 112°-1935

SURF.-WHEELER PROC. GR-1954

SURF.-WHEELER PROC. GR-55

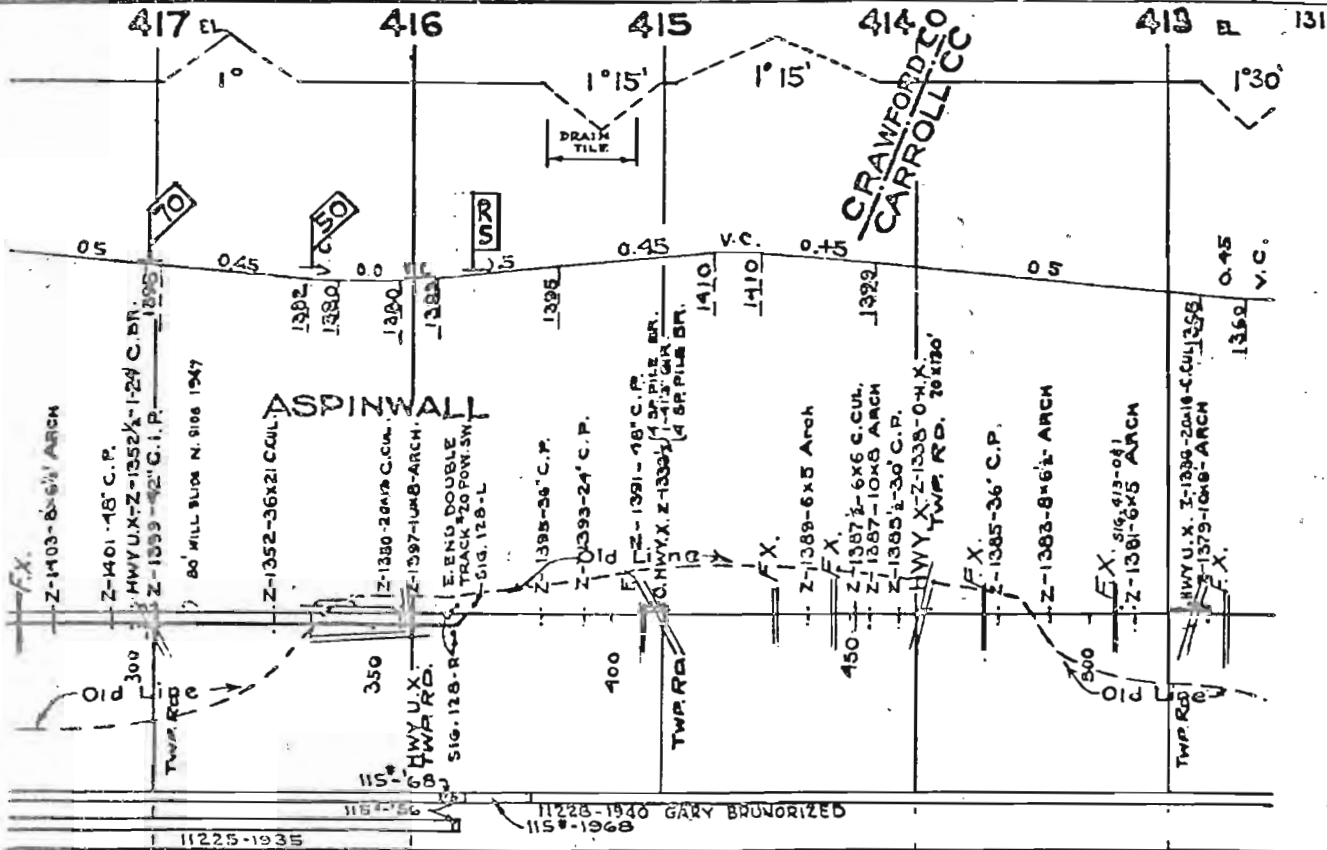
SURF.-WHEELER PROC. GR-55



11229-1940 GARY BRUNGRIZED

11223-1955

SURF-WHEELER PROJ. GR. 1955



132 412 FL. 411 410 409 FL. 408

Z-1377-1371-24" C.P. MF 41235
Z-1334 57" C.P.R.
Z-1358
Z-1360
0.2

MANNING

STOCK YARD

1332-182 C.P. OHWY BR.
F.X. 187 C.P.R.
Z-1330-176-66" CORR. I.P.
1350
FILL SLOPE N 85° S 100' 1947.

EQUATION
395-897886-559

F.X.

Z-1375-30" C.P.

0.3

TWP RD
650

Z-1328-5 SR O.HWY BR.

0.4

F.X.
Z-1371-48" C.P.

0.46

FILL SLOPE N 85° S 100' 1947.
F.X. Z-1371-48" C.P.
SIG. 410-243

Z-1369-104'-48" C.P. DBI.

TWP RD
700
HWY UX Z-1326-20x15 C.CUL.
F.X. Z-1324-6x5-ARCH

0.5

Z-1322-8x6 1/2 ARCH

F.X.

Z-1367 1/2-30" C.P. DBI.

Z-1320-6x5-ARCH

F.X.

TWP RD.
750
HWY X Z-1318-7-SPOH-PILE BR.

F.O.

F.X. Z-1316 8x6 1/2-ARCH

FILL SLOPE N 85° S 100' 1947

1459

Z-1367 1/2-48" C.P. DBI.

1461

SIG. 130-R-
POW. SW.
11 POW. SW.

HWY X
Z-1365-24" C.I.P.
SIG. 130-L

TWP RD. 800
HWY UX Z-1314-20x13 C.CUL.
Z-1312-48" C.P. DBI.

0.0

11228-20 1154-1961

11228-1940 GARY BRINGRIZED

115-1966

EL 407

406

405

404

403

133

1751
1750
1749
Y.C.

RAIN
TILES

0.76

0.48

0.45

0.4

0.45

0.5

1498

1425

1408

1378

1371

Z-1363-24" C.P.

Old Line

FX

FX

850 Z-1361-30" C.P.

HWY. X. TWP. RD.

Z-1359-36" C.I.P.

FX Z-1357-26" CORR. I.P.

TEMPLETON

SIG. 132-R

#11 POW. SW.

SIG. 132-L

590

HWY. X. COUNTY RD.

Z-1325-48" C.I.P.

FX

--Z-1310-8x6 1/2" ARCH

FX

950 Z-1308-8x6 1/2" ARCH

Z-1306-20x14 C.CUL. HWY. U.X.

Z-1323 1/2-48" C.P.

Z-1304-5x7 C.CUL.

Z-1323 1/2-48-24" C.P.

SIG. 404-5

1010

FX

Z-1323-6x5 ARCH

FX Z-1302-5x6 C.CUL.

FX

Z-1321 1/2-24" C.P.

HWY. X. TWP. RD.

Z-1300-12x9 1/2 C.CUL.

FX

Z-1321-30" C.P. DN.

Z-1319-30" C.P.

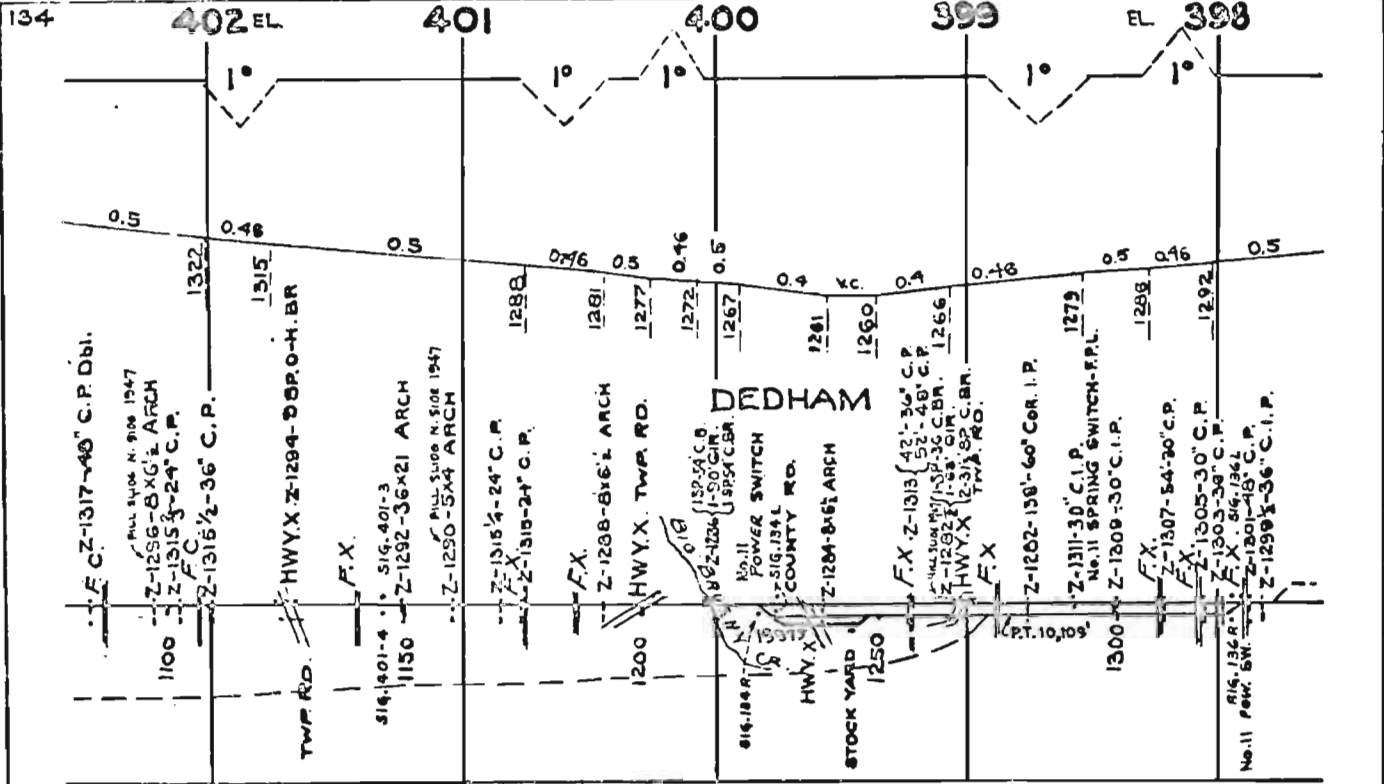
1050

U.S.N. #71 Z-1288-3.5P. 0-HWY BR.

11728-1940 GARY BRUN.

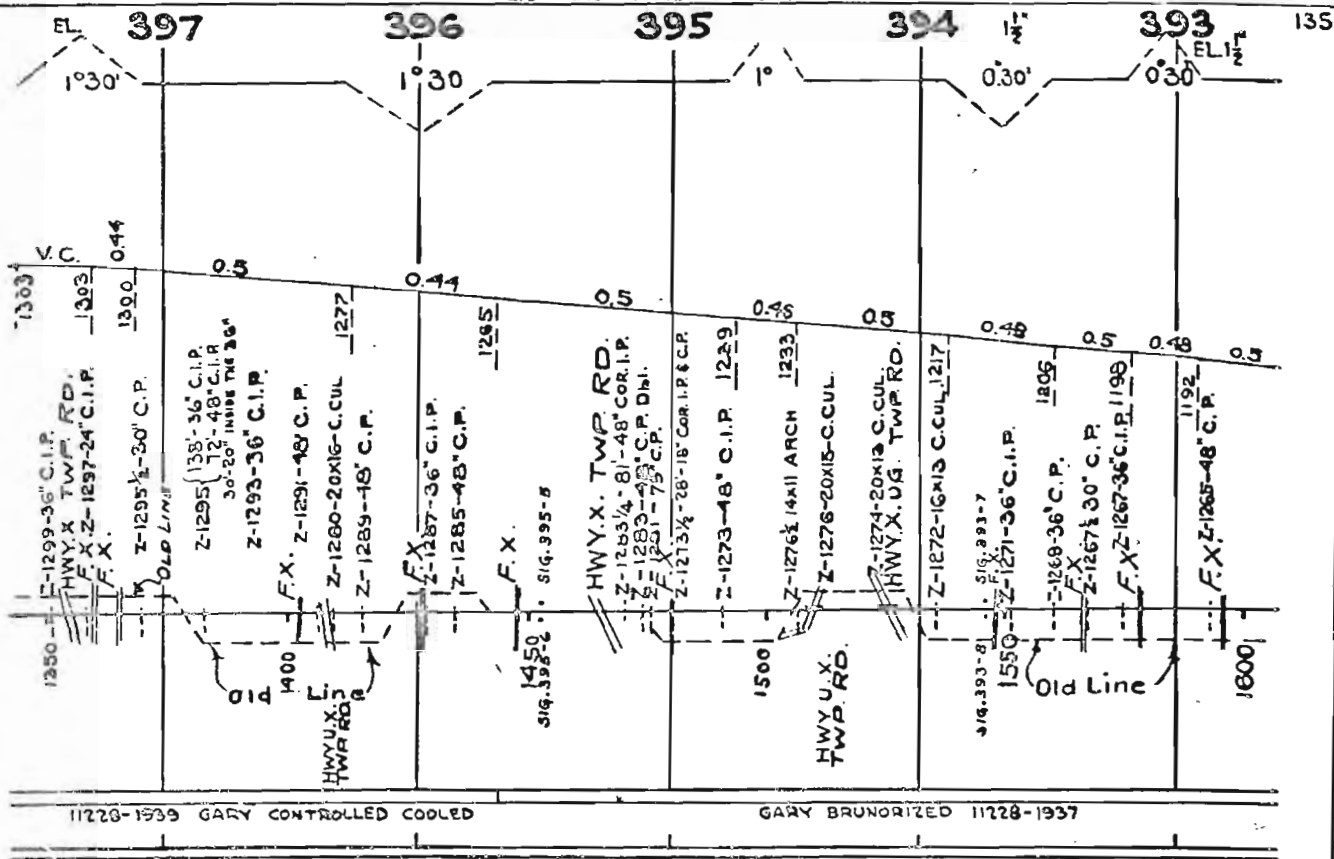
11728-1939 GARY CONTROLLED COOLED

SURF - WHEELER PROC. GR. - 1955



11228-1953 GARY CONTROLLED COOLED

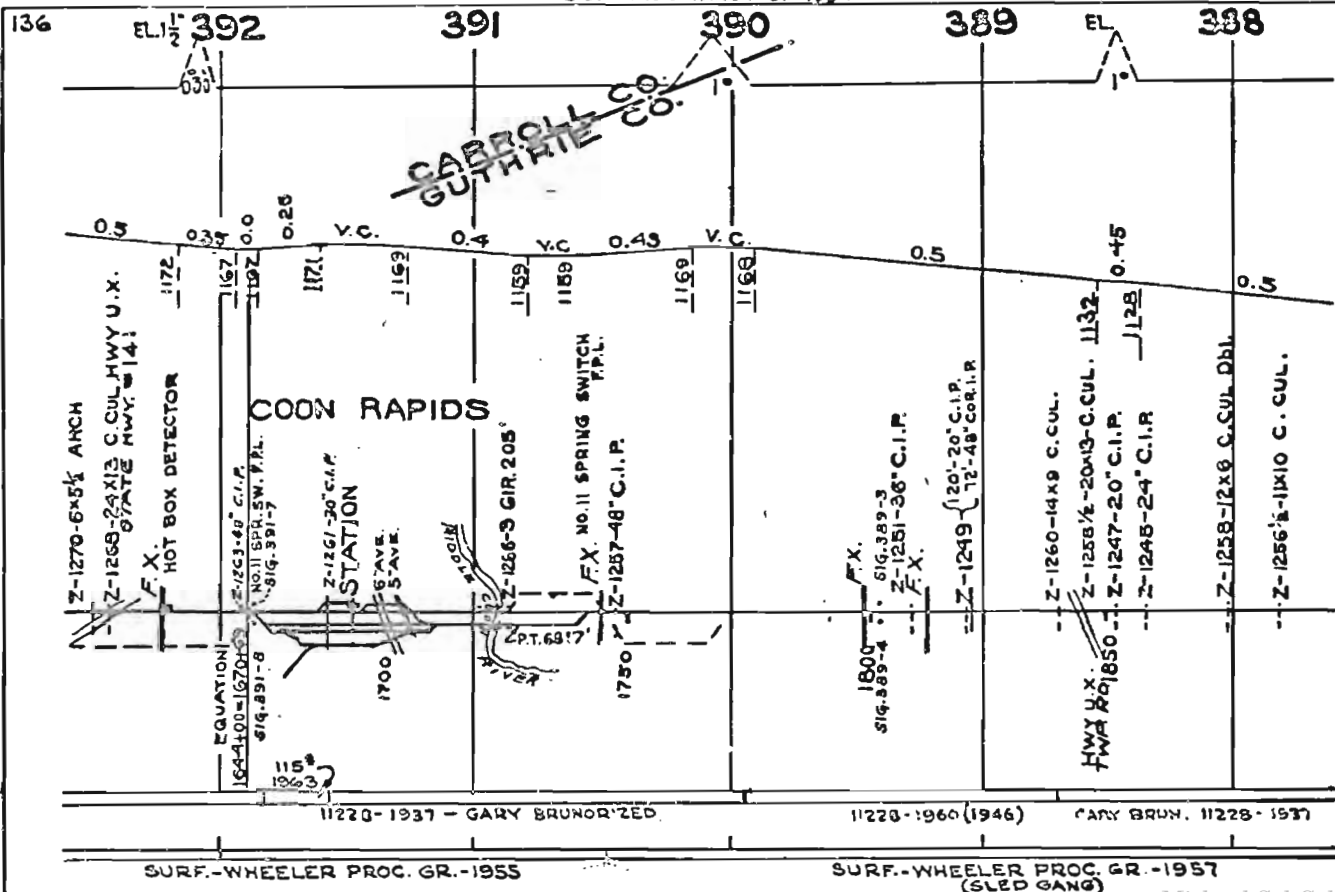
SURF-WHEELER PROC. GR.-1955

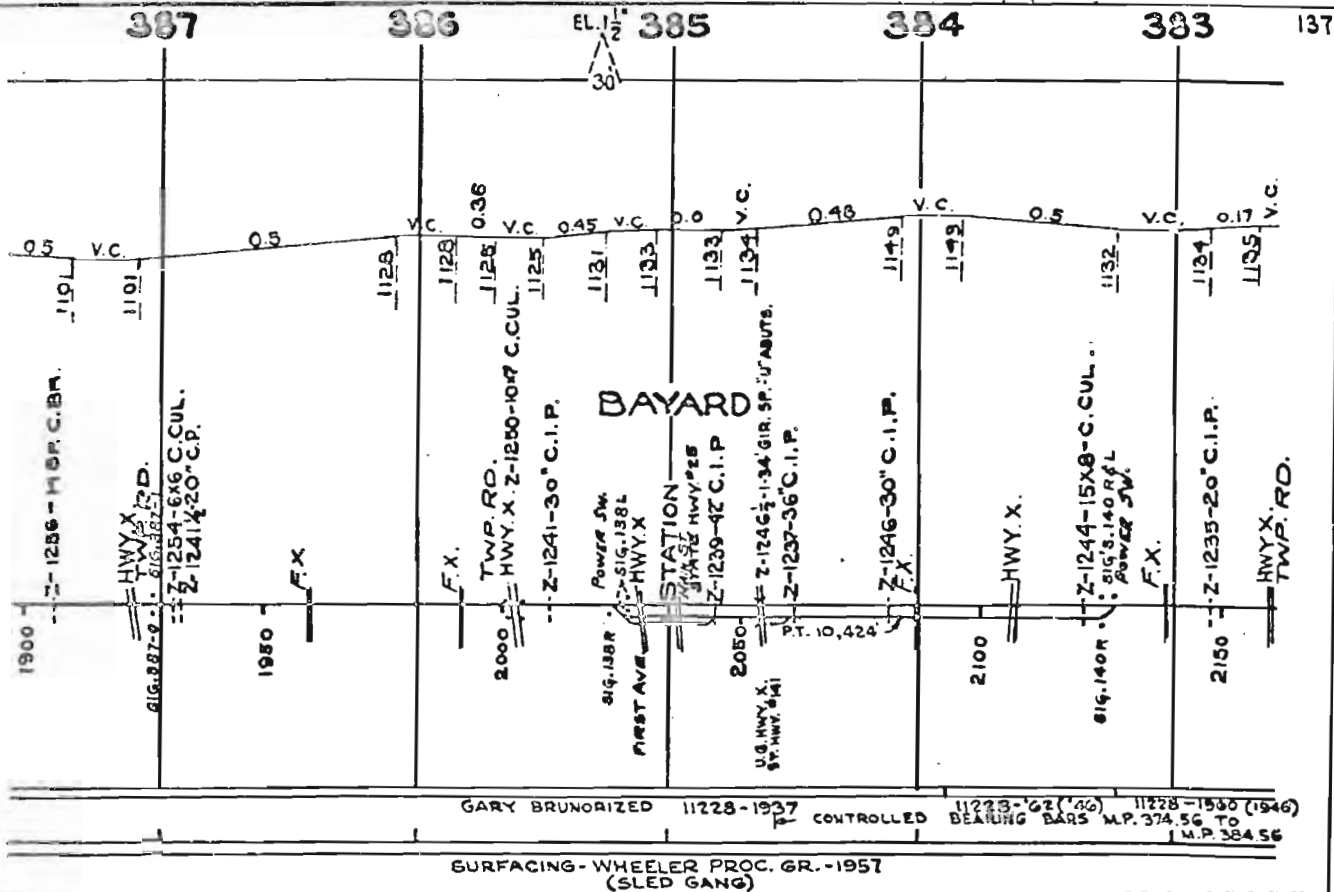


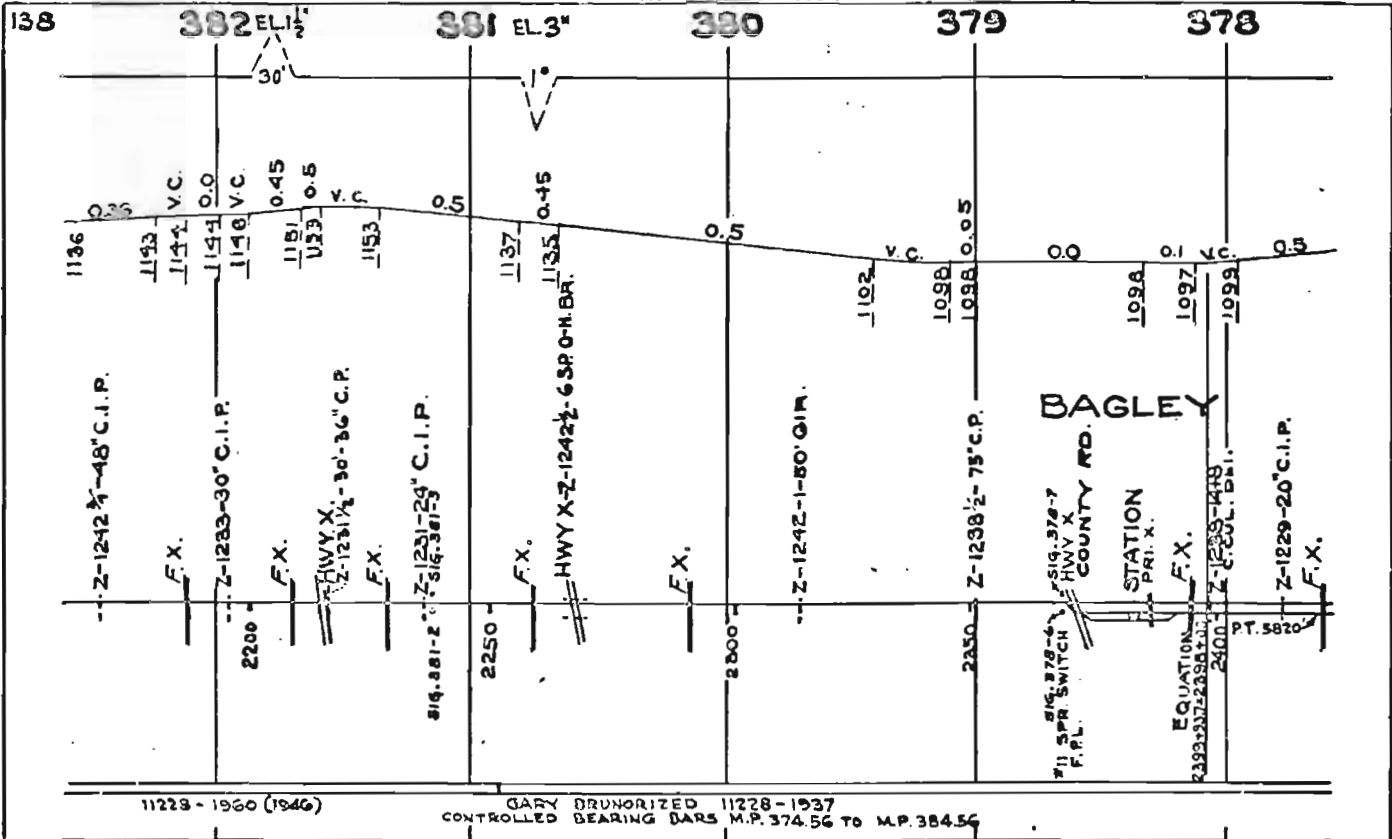
11228-1939 GARY CONTROLLED COOLED

GARY BRUNORIZED 11228-1937

SURF.-WHEELER PROC. GR.-1955







SURF.-WHEELER PROC. GR.-1957 (SLED GANG)

SURF.-WHEELER PROC. GR.-1956

377

376

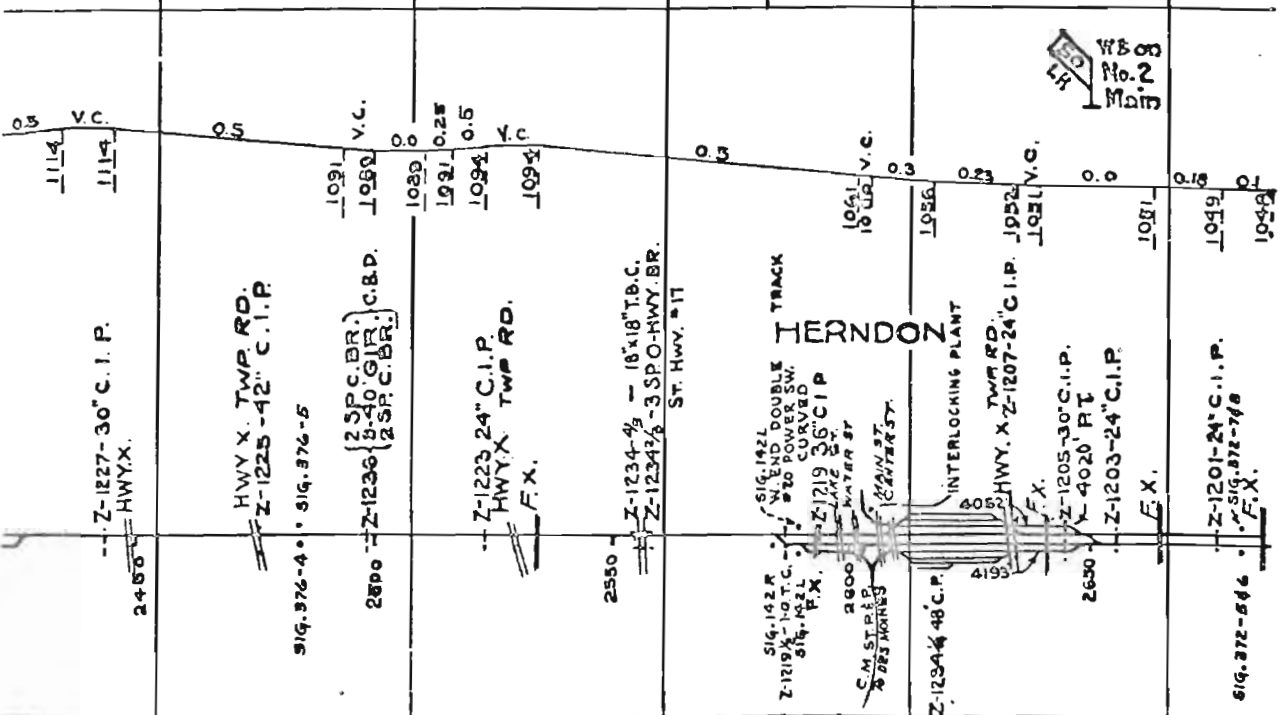
375

UNR

374

373

139



GARY BRUNGRIZED 11228-1937 1154-69.115#-1965 CONTROLLED DEARING BARS M.P. 374.56 TO M.P. 384.56

1154-56 11228-1940 GARY BR. 11228-1933

SURFACING-WHEELER PROC. GR.-1963

SURF-WHEELER PROC. GR. 1966 SURF-WHEELER PROC. GR. 1966

140

372

371

C.T.C.
EL. 112' 30"

370

369

368

GUTHRIE CO. DALLAS CO.

10927 V.C.
10928 0.3
10929 0.42

V.C.
10930

05

V.C.
10921
10922

0.5

0.4

K.C.

0.5

V.C.
10289
10290

0.066

V.C.

0.5

V.C.
10291
10292

0.17

V.C.
10293

SEC. 0704 → SEC. 0607

JAMAICA

2700
AUTO KING SIGNAL PROTECTION
FIRST ST
MAIN ST
Z-1234-128 C.CUL

Z-1199-30" C.I.P.

2750
FX.
Z-1197-24" C.I.P.
FX.

FX. Z-1195-20" C.I.P.

2800
Z-1193-24" C.I.P.

Z-1232-5 SPO-HWY BR.

Z-1230-14x11 C. CUL.

2850
S14-369-445
S14-369-243
Z-1191-20" C.I.P.

Z-1228 1/2-20" C.I.P.

2900
HWY. X Z-1189-20" C.I.P.
FX.

Z-1225-6x5-C.CUL.
FX.

HWY. X
Z-1187-24" C.I.P.

2950
FIRST ST. - S.T.H.# 339

DAWSON

GARY RUN. GARY C.C.

11728-1940

11725-1935

SURF-WHEELER PROC. GR. 1956

SURF-WHEELER PROC. GR. 1956

367 EL

366

365 EL

364 EL

363

141

V.C.

1036
1901

0.44

0.6

0.45

0.47

0.46
0.32

V.C.

0.4

DAWSON

Z-1185-24' C.I.P.

HWY X.
FX.

FX.

Z-1228-5x6 C.CUL.
FX.

Z-1103-24' C.I.P.
FX.

Z-1101-24' C.I.P.
519.366-142

FX.

3050 HWY X. Z-1224'-73' P.O.H. BR.

FX.

Z-1224-5x5 C.CUL.

Z-1222 B-1612 C.CUL.
Z-1222 A-1447 C.CUL. 061.

3100

HWY XING

516.146 • 519.145

3150

Z-1220
HWY
702 C. PILE BR. 946
2-110 C.I.P. 943
2-110 PILE TRUSS 942
2-45 G.I.P.
12-3P.C. PILE BR. C.B.D. 02

11 SPR. SW. F.P.C. 937
519.148

DERRY
DIESEL FUEL

3200

RECALCULATION
2081' On 12/22/07

1177-1945 GARY C.C.

SURF-WHEELER PROC GR.-1936

SURF-WHEELER PROC GR.-1956

362° ELO°

361° EL.1°

360

359

358 FL

GROUND No 4 STALLS
110' T.T.
WATER

10014.362-340
10020 XGS.
MILW. MAINT.
GR. XING
AUTOSIGNAL
PREFLECTOR
M. ST. L. RY.
DESIGN
151 ST. HWY. 44
Z-1173-42 C.I.P.
Z-1218-14X8 C.CUL. DBL.
11.3-ST
151 ST HWY 44
2-ST STATION
3-ST
4-ST
5-ST Z-1169X
6-ST 48-20 C.P
7-ST
619.361-344
619.361-142

12 MPH THRU CITY
PERRY

STOCK YARD
HWY. X.

Z-1169-20' C.I.P.

HWY. X.

Auto Xing Bldg

616.152

Z-1216-10X8 C.CUL.

Z-1167-36' C.I.P.

HWY. X.

Z-1165-24' C.I.P.

BIG BEAVER CR.
HWY. X.
Z-1212 (14 SP. C. BR.)
(3-40' GIM) C.B.D.
14 SP. BR. 937

Z-1210-12X6 C.CUL. DBL.

616.358-245
F.X.
SIG. 358-081

F.X.

Z-1208-60' COR. I.P.

0.4

0.57

0.50

0.55

0.46

0.65

0.78

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

0.82

11273-11270 GARY C.C.

1154-68

1154-1967

1154-66

SURF-WHEELER PROC. GR.-1956

SURF-WHEELER PROC. GR.-1956

357

356

355

354

353

143

ST. RD #169
 Z-1206-33P-O-HWY. BR.
 0.56
 V.C.
 0.0
 0.0
 V.C.
 0.43
 0.44
 V.C.
 F.X.
 Z-1204-10x8 C.CUL.
 W.F.X.

BOUZOZ

Z-1163-24" C.I.P.
 Beaver St
 SIG. 156 R * SIG. 156 R
 3550 L END DOUBLE
 SIG. 156 L TRACK TO POW. SW.
 Z-1161-24" C.I.P.

V.C.
 0.53
 0.52
 V.C.
 0.95
 0.95
 V.C.
 0.66
 0.66
 K.C.
 9.44
 9.45
 3600
 Z-1202 (2 SP. C. BR.)
 3-40 GIR.
 (2 SP. C. BR.)
 9.45

Z-1200-12x5-C.CUL.
 F.X.

Z-1198-12x10-C.CUL.
 HWY.X.

HWY.X.

3650
 SIG. 364-2 * SIG. 354-3

Z-1196-5x6 CUL.

Z-1157-14" C.I.P.

HWY.X.

3700
 Z-1192-12x12-C.CUL.

Z-1153-8x5-C.CUL.

Sec. 0607
 Sec. 0605

0.62
 0.66

11525-1955 ILL. CC

11525-1955 ILL. CC

1154 - 1965

115# - 1965

112# - 1937

SURF-WHEELER PROC. GR.-1956
 SURF-WHEELER PROC. GR.-1956

SURFACING-WHEELER PROC GR -1957
 (SLED GANG)

144

352

EL

351

EL. 11'

350

349

348

BOONE DALLAS CO. CO.

FILL SLIDE

WOODWARD WOODWARD JCT.

3750 Z-1150 1/2-3SP O-HWY. BR.
SIG. 158R - 1150-1046-C.CUL.
LARGE ARCH NO. 11 POW. SW.
SIG. 158L
Z-1151 1/2 C.I.P.

ST HWY BRD
MAYVILLE
KENTON CO
STATION
STB0039-37634

115#-1969

3000 S-1149-24' C.I.P.

PT 6820
2717 STATE AVENUE
COLUMBY

519.162R
POW. SW. SIG. 162R & L

3850 Z-1127-24' C.P.

Z-1178-6SP O.H. HWY BR.

Z-1125-24' C.I.P.

Z-1123-24' C.I.P.

519.349-6 SIG. 349-5 (49 C.D.R.
SP. OF TRESTLE
Z-1154
SIG. 349-5
10/10/5
1-36
WOODRIDGE

WOODRIDGE RIVER

3900 960

3950 959

4000 V.C. 0 86

Z-1140-20+3-C CUL. HWY X
Z-1117-48+36' C.P.

NORMALIZED

11228-1937 - GARY CONTROLLED COOLED

115# - 1965

11525-1955 ILL. C.C.

11228-1937 - GARY CONTROLLED COOLED

115#-65

(SURF.-WHEELER PROC. GR.-1957 (SLED GANG) SURF.-MAYVILLE SLAG-1965

SURF.-WHEELER PROC. GR.-1957 (SLED GANG)

337

336

335

334 EL. 1 1/2'

333

147

SIG. 168R
#20 POWER SW. 5500
CURVED
319.1684

1003
1035
1040

F.X.

HWY. X.

F.X.

Z-1073- $\begin{cases} 54'-24" \text{ C.I.P.} \\ 54'-24" \text{ C.I.P.} \end{cases}$

HUXLEY

F.R.P. M. STAVE
55 E. RY. AVE.
700 1/2' T.CUL. BR.
2-101 1/2' MAINS
480' 24" CR. 3-AVE
480' 24" CR. 2-AVE
1-AVE
STATION
TO BOONE

U.S. 69
IOWA 65
D.H. HWY. XING.

Z-102-3-38' SP. OH. CONC. BR.
1009
SIG. 170R

#23 POWER SW. 5750
CURVED

DRAIN TILE

Z-1069 1/2'-2-O.T.CUL.
Z-1069 1/4'-24" C.P.

Z-1100 1/2'-7SP. O-HWY BR

Z-1100-10x8 C.CUL.

5700 Z-1090-15x10-C.CUL. 964

I-35 DUAL O.H. 142' PRE-STRESSED
CONC. BEAM HWY. BR.
958
F.X.

Z-1069-20' C.I.P.

HWY. A.

Z-1067-24" C.I.P.

SIG. 332-B - 514.822-7

5650

- 115# 1961 (1955)

2-112 SWITCHES
1940

11525-1963

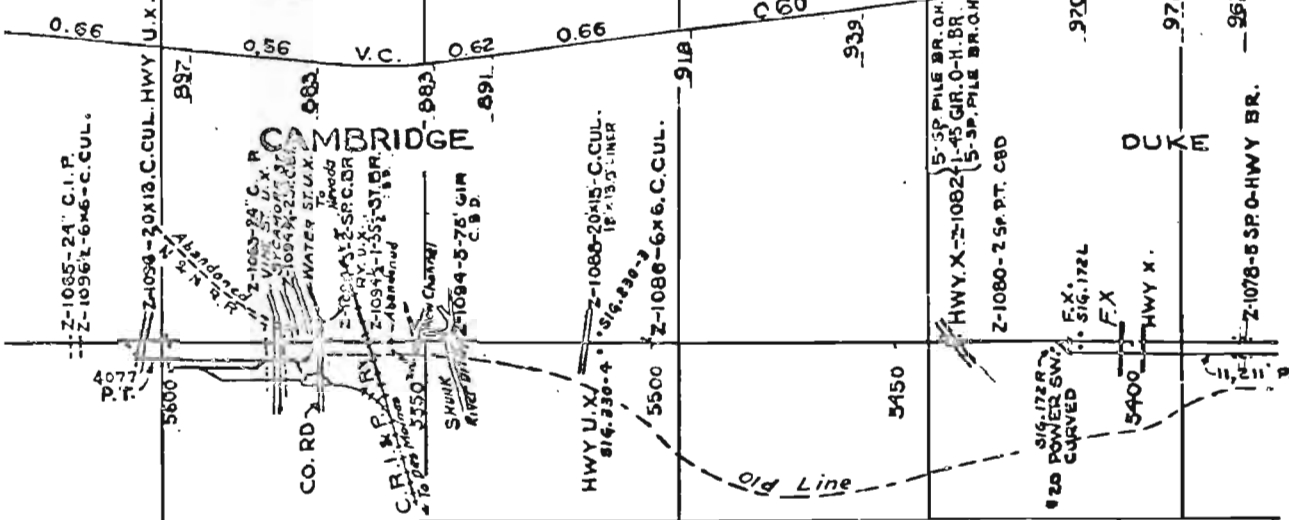
SURF.- JAMESVILLE
PROC. CR. - 1964

SURF.- MAYVILLE SLAG - 1964

148 332 331 EL. 3" 330 329 EL. 328

Sec. 0605 Sec. 0603

ROBERTS CUT SLIDE



11525-1963 113#-1964 11325-1963 115#-1964

SURF.-WHEELER PROC. GR.-1956

SURF.-WHEELER PROC. GR.-1960

SURF.-WHEELER PROC. GR.-1962

EL. 327

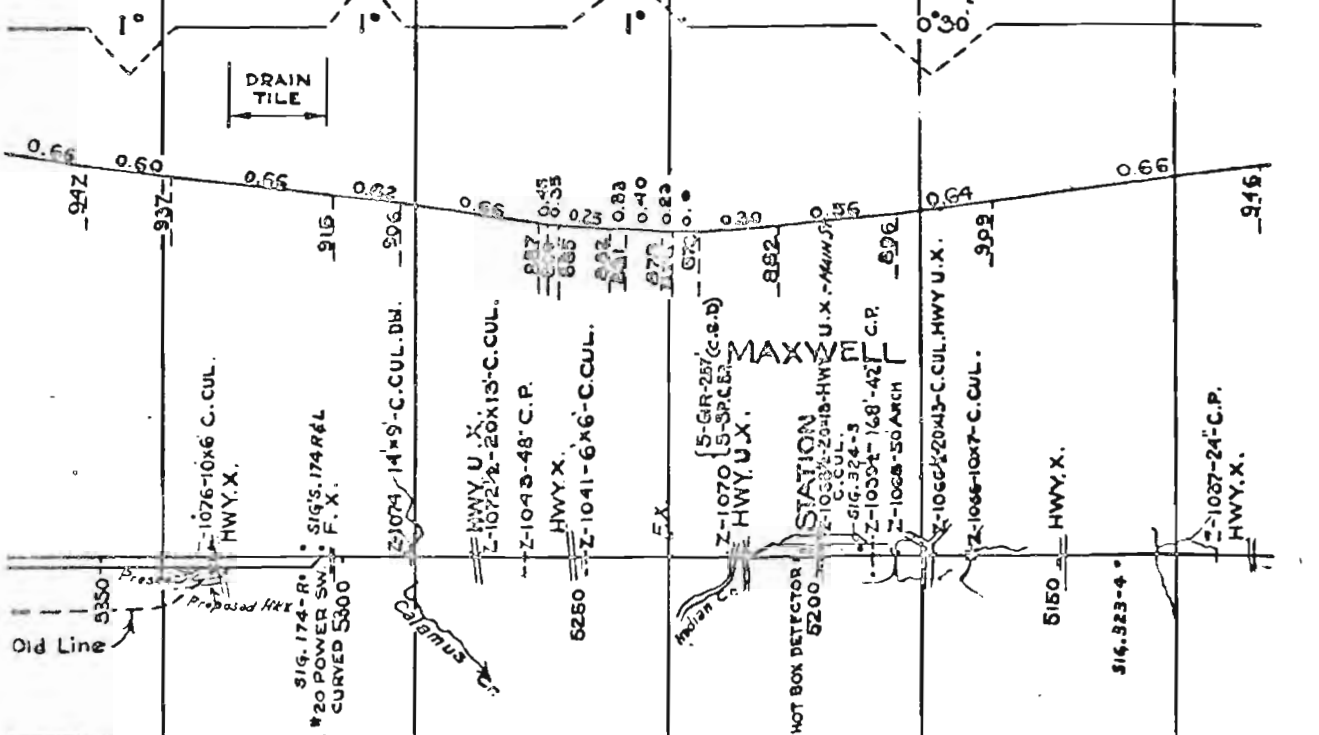
326

325

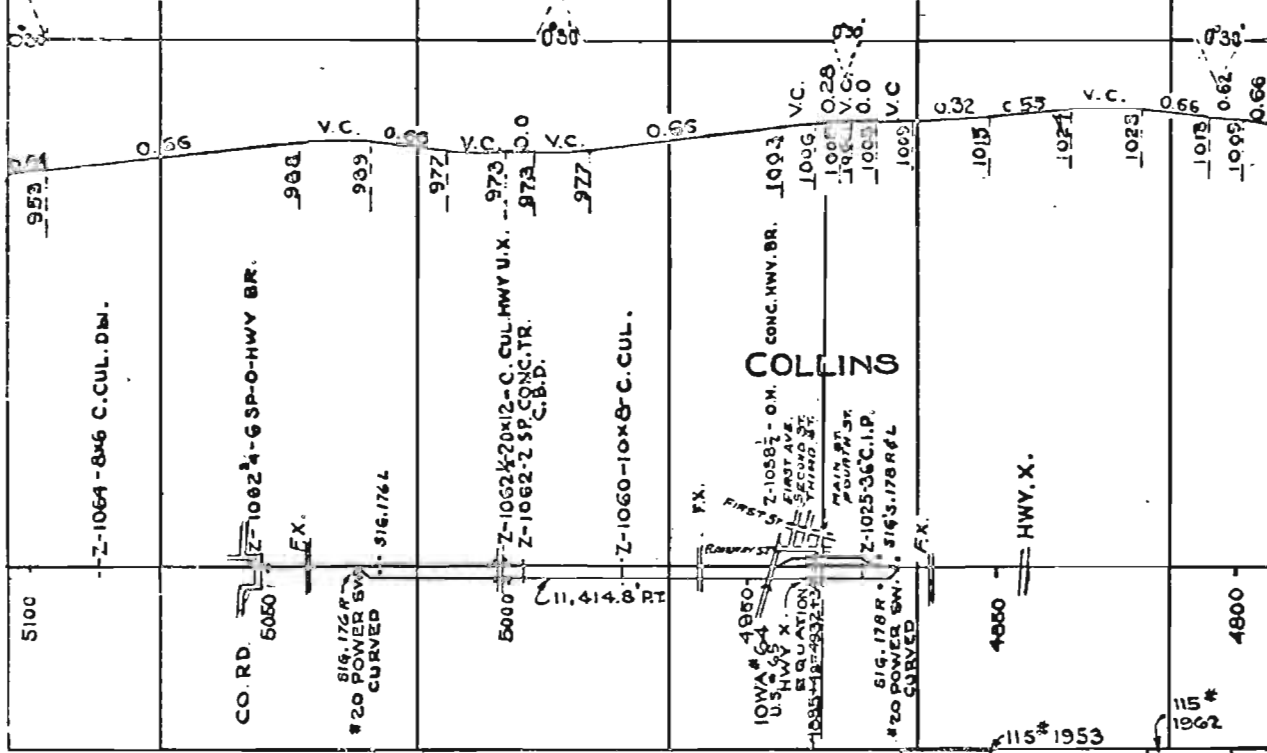
324

323

149



130 EL. 1/2 322 321 320 319 318 EL. 1/2



-Z-1064 - 8x6 C.CUL.D.W.

CO. RD. Z-1062 4-6 SP-O-HWY BR.

EX.

514.176R #20 POWER SW. CURVED

516.176L

5000 Z-1062 4-20x12 - C. CUL. HWY U.X. - 973
Z-1062 - 2 SP. CONC. TR. C.B.D.

-Z-1060 - 10x8 C.CUL.

11.414.8 RT

COLLINS

IOWA # 4950 U.S. HWY X. 5100
514.178R #20 POWER SW. CURVED
Z-1050 1/2 - O.M. CONC. HWY BR. 1003
Z-1025 - 36" I.P.
Z-1025 - 36" I.P. 514.3.178 R/L

HWY. X.

115 # 1953

115 # 1962

11525-1955 ILL. C.C.

11228-1937 - GARY CONTROLLED COOLED

SURF.-WHEELER PROC. GR. -1962

SURF.-WHEELER PROC. GR. -1961

317

316

315

314

313

151

STORY CO. MARSHALL CO.

HWY. X
Z-1058-6x6-C.CUL.
Z-1058-6x6-C.CUL.

HWY. X.

Z-1052-5x6-C.CUL.

Z-1054-5x6-C.CUL.

HWY. X. Z-1021x-24' C.P.

Z-1052-6x6-C.CUL.

Z-1019-12" C.P.

Z-1049-6x6-C.CUL.

Z-1017-24' C.P.

Z-1018-30' C.P.

Z-1013x-42' C.P.

Z-1042-16x12-C.CUL. DB
135' MILL SUP. S. BDD. 1962.

Z-1011x-48" C.I.P.

Z-1040-60' ARCH

Z-1011-36" C.I.P.

Z-1011-36" C.I.P.

Z-1036-14x13-C.CUL.-F.X.

Z-1009-42' C.P.

Z-1007-48" C.P.

Z-1034-55P. O.H. HWY. BR.

Z-1082-7-5P. O-HWY. BR.

Z-1005-42' C.I.P.

Z-1006-24' C.P.

Z-1001-36" C.P.

Z-999-30" C.I.P.

Z-987x-70" C.I.P.

11228-1937- GARY CONTROL COOLED

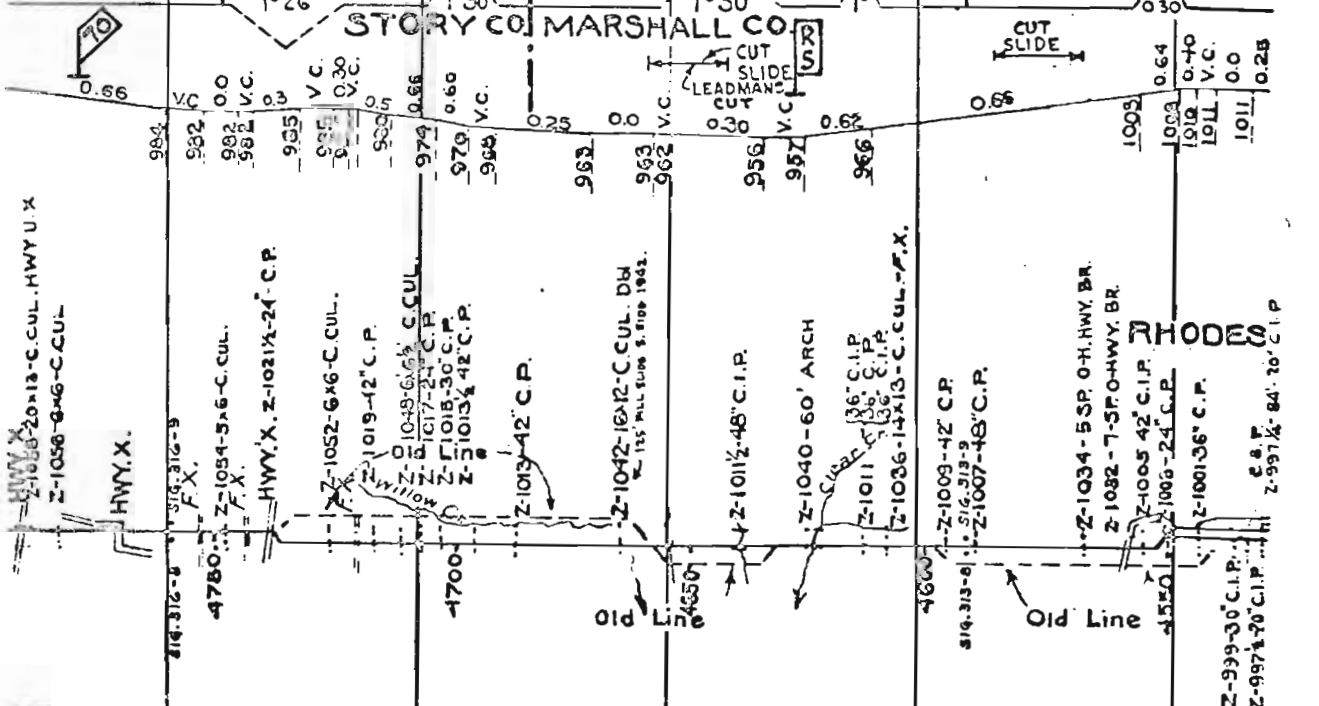
GARY 11228-1937

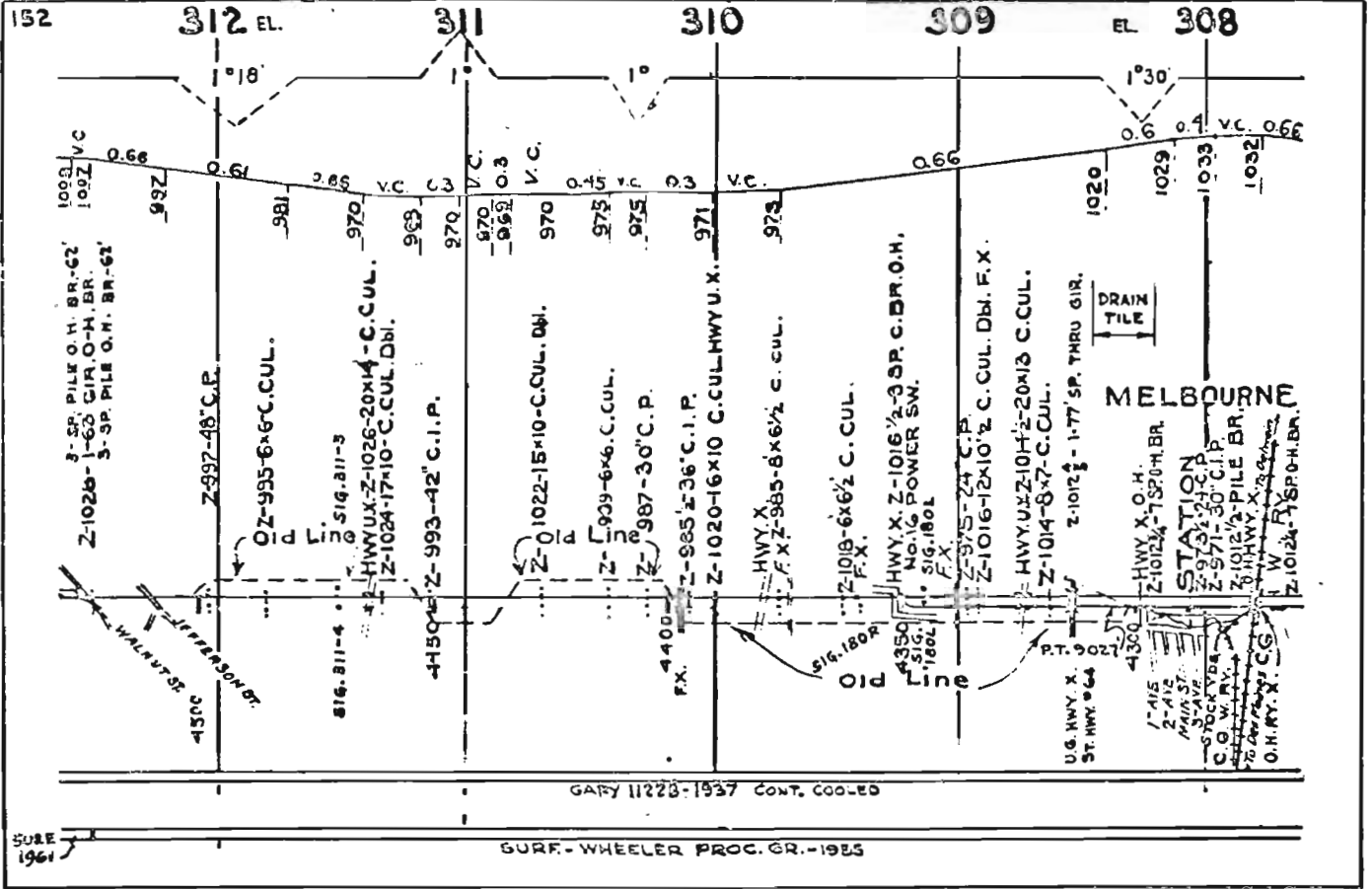
GARY 11228-1937 CONTROLLED COOLED

SURF.-WHEELER PROC. GR.-1961

SURF.-WHEELER PROC. GR.-1961

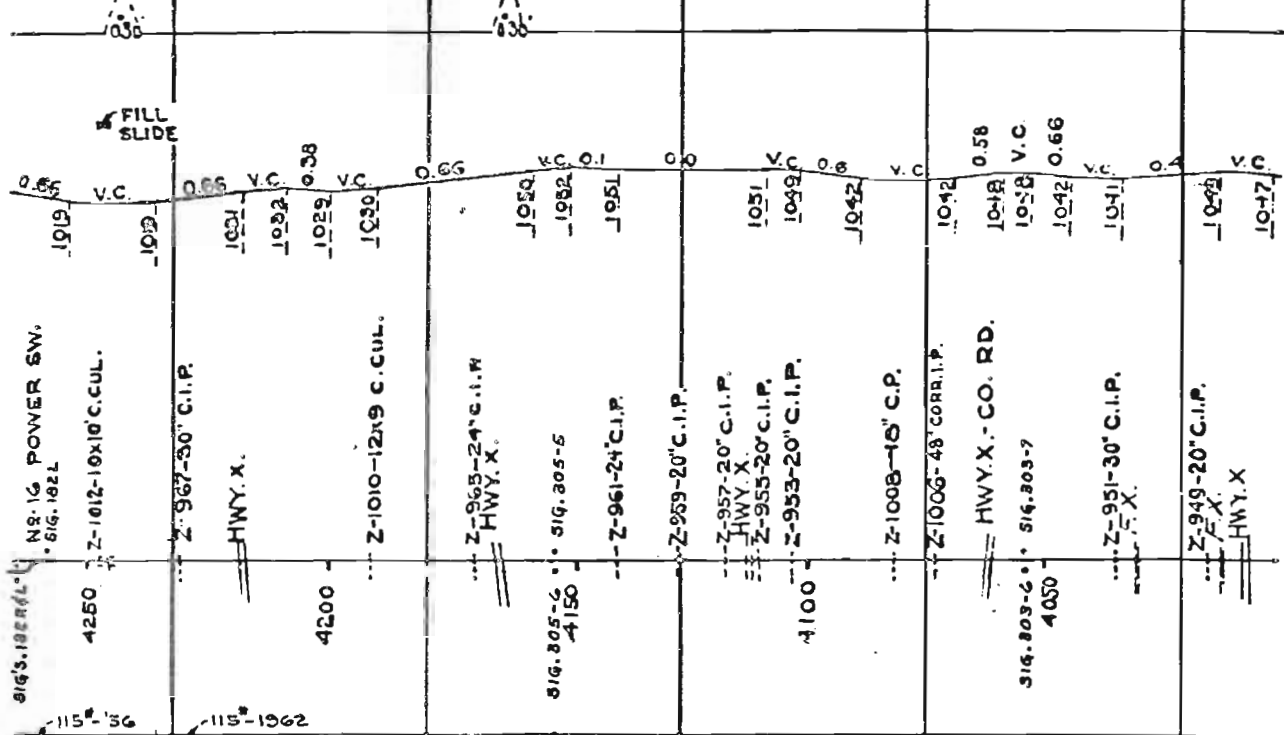
CON. COOL





SURE 1961

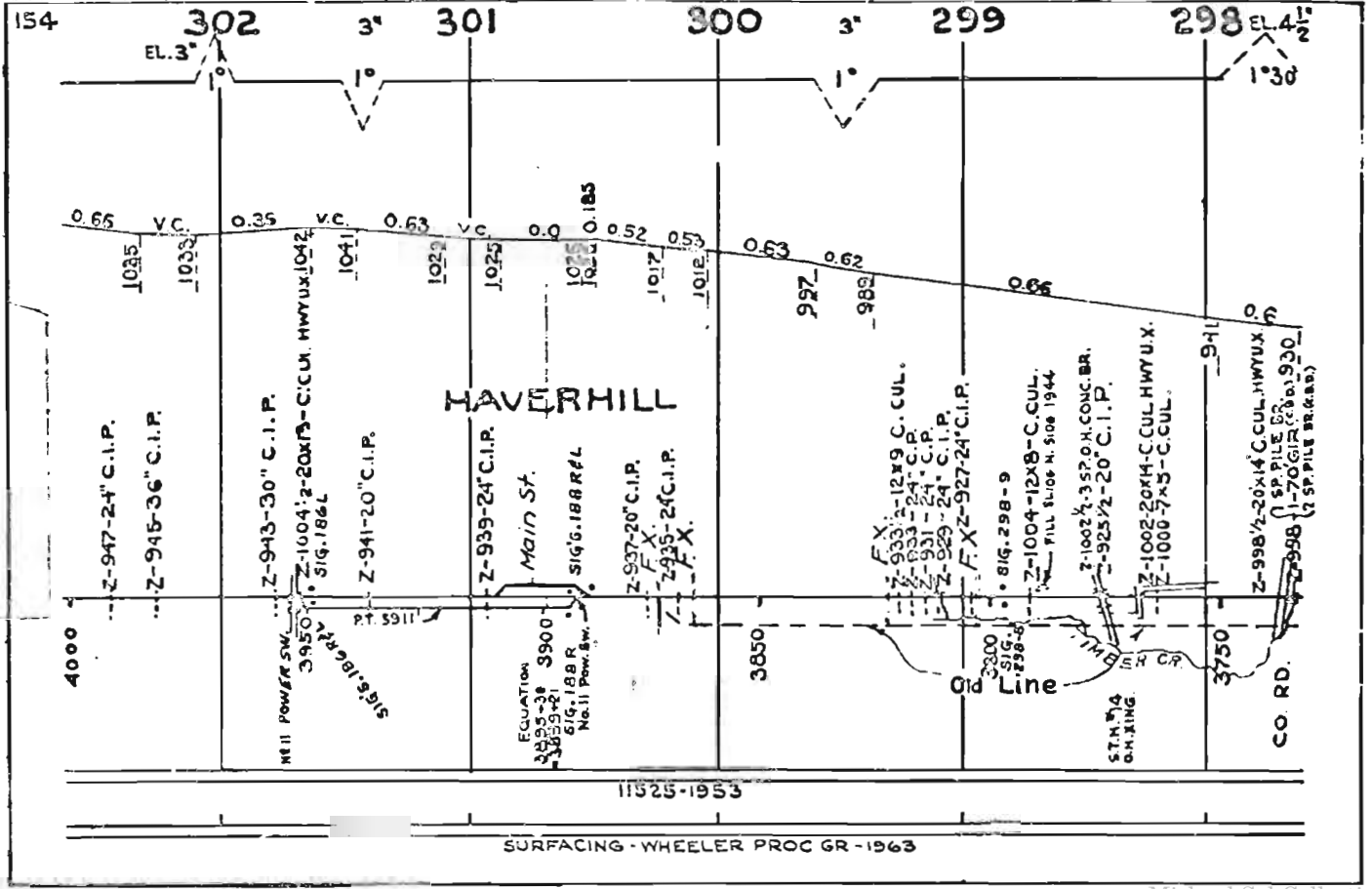
EL. 307 306 EL. 303 304 303 153



11278-1937 - GARY CONTROLLED COOLED 11525-1953

SURFACING - WHEELER PROC GR - 1953

1937



297 EL. 3'

296

295 3 1/2" 4 1/2"

294 EL. 3'

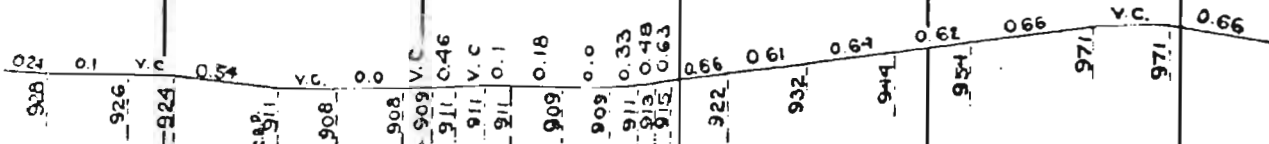
293

155

0° 57'

Sec. 0603

Sec. 0514



FERGUSON

PICKERING

STATION

Z-925-36" C.I.P.

Z-923-24" C.I.P.

Z-921-36" C.I.P.

Z-996 A (-35 GIR) (-60 GIR) (-38 GIR)

SIG. 294-1

HWY. X.

Z-994-250 GIR

Z-919-48 C.I.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

Z-917-74" C.P.

11525-1953

SURF - WHEELER PROC. GR. - 1963

SURF - 1961 - WH. PROC. SURFACING - WHEELER PROC. GR. - 1961

SURF - 1953

287

EL 3' 286

285

284

EL 1' 283

157

3700' - Z-96-1 1/2 - 1 SP. C. BR.

HWY. X. - CO RD.
SIG. 287-3

Z-964-3-35 GIRS. CR. B.D.

F X

3150 - Z-962-2-45-0 TW. DK. GIR. (C.B.D.)

F X

HWY X
Z-625-2-24 C.P.

Z-260 7x7-C. CUL.

F X.

3100 HWY X

Z-954-1-SP. C. BR.

F X.

3050 SIG. 284-6 - SIG. 284-B

HWY X.

IOWA RIV.

3000

Z-946 { 8-40' DK. GIR. (C.B.D.)
2-105' PONY TRUSS
1-40' DK. GIR. (C.B.D.)

F X.

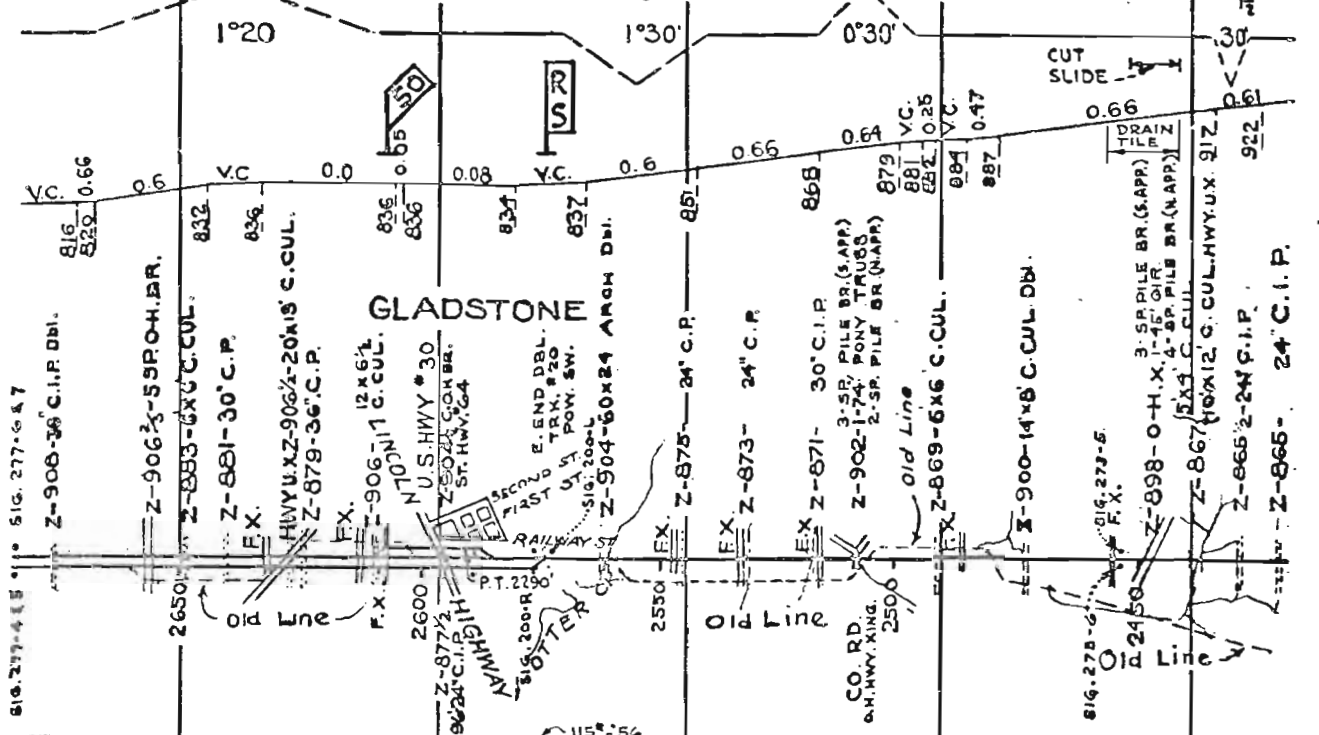
2950 Z-944-2-40 TW. DK. GIRS. CR. B.D.
F X.TRACK
RAISE
1946

11525-1953

11228-1949
INTL. C.C.

SURFACING-WHEELER PROC. GR.-1953

277 EL. 4 WB 276 4 1/2 275 274 273 159



115-1956
 1128-1940 GARY CONT. COOLED
 115-1956
 SURF - WHEELER PROC 62-1955
 208 - WHEELER PROC 62-1956

160

272

271 EL. 4 1/2

270 EL. 3 3/4

269

EL. 4

268

E.B. TRACK TAKEN UP 1934

CUT SLIDE

0.66 V.C. 0.66

MIDWAY

DRAIN TILE

10' TIES - 1958 EVERY OTHER TIE

Z-863 1/2-96' 24" C.I.P.
Z-863-6x6 C.CUL.

Z-861 1/2-5x6 C.CUL.
4 SP. PILE BR.
1-60 GIR.
3 SP. PILE BR.

Z-861 3/4-54' 42" P.
Z-861-6x6 C.CUL.

Z-859 1/2-66' 36" C.I.P.
Z-859-8x6 C.CUL.

Z-857 1/2- 42' C.I.P.

Z-857-6x6 C.CUL.
Z-855 1/2- 20' C.I.P.

Z-855-10x8 C.CUL.
Z-896-20x13 C.CUL.

Z-853- -30' C.I.P.

Z-894-2x6 C.CUL.

Z-892-235 1/4-142' TW. DK. GIR.-BAL.D.
Z-890-10x8 O.CUL.

Z-888 { -20 GIR } C.B.D.
{ -30 GIR }

THIRD AVE.
MAIN ST.

SECOND AVE 78'-24" C.A.
FIRST AVE 185 1/2'

Z-849- 8x7 C.CUL.

Z-847-30' C.P.

Z-845-8x9 1/2 C.CUL.
510.268-25

Z-886 1/2-20x15 C.D.R. HWY. U.X.

Z-886-2-50 GIR. (C.B.D.) 840

Old Line

10' TIES - 1958 EVERY OTHER TIE

PRIV. X.
EQUATION
230.25
22X+81

Old Line

11228-1540 GARY C.P.

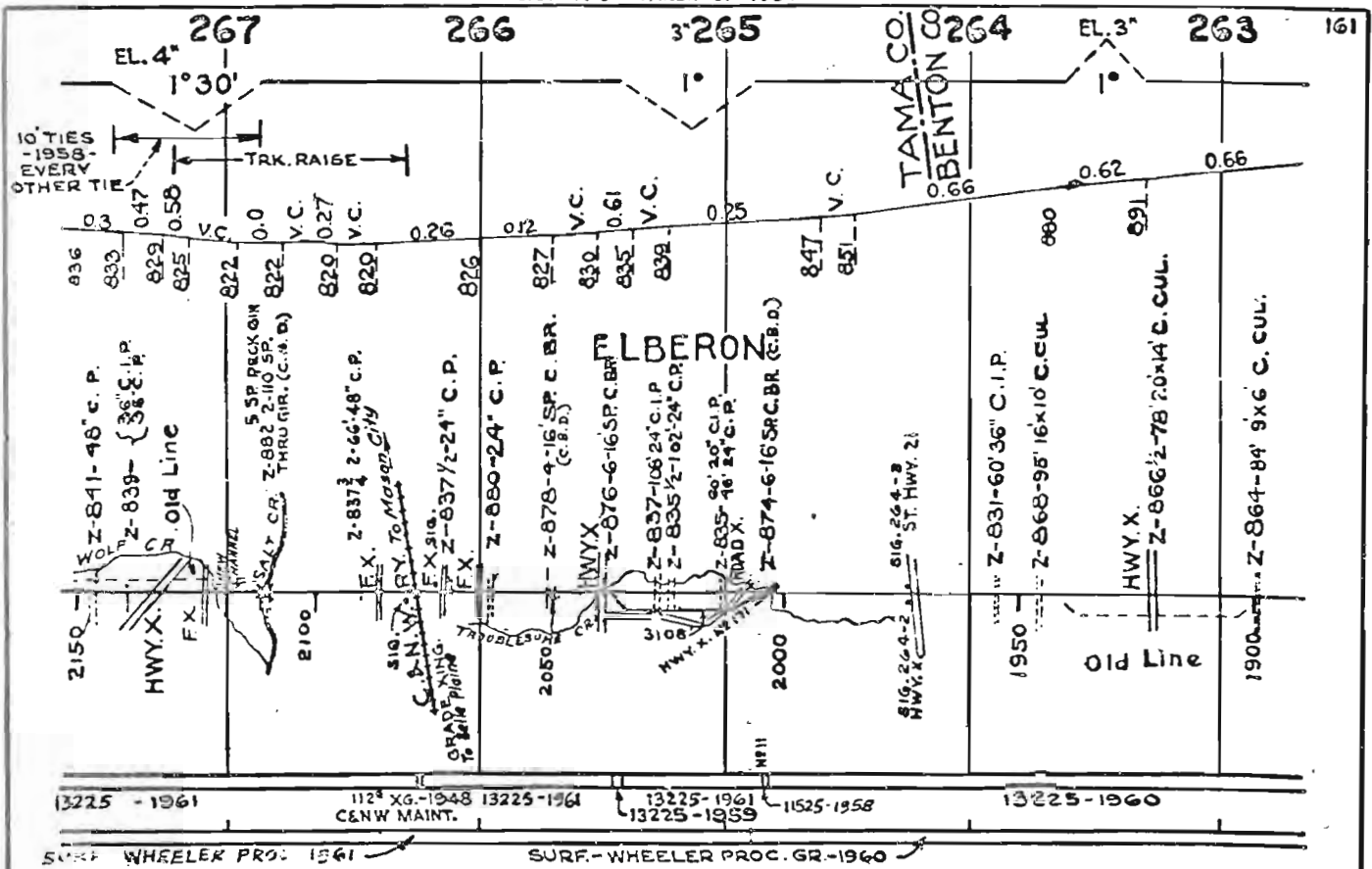
13225-1961

13225-1959

13225-1961

SURF.-WHEELER PROC. GR.-1955

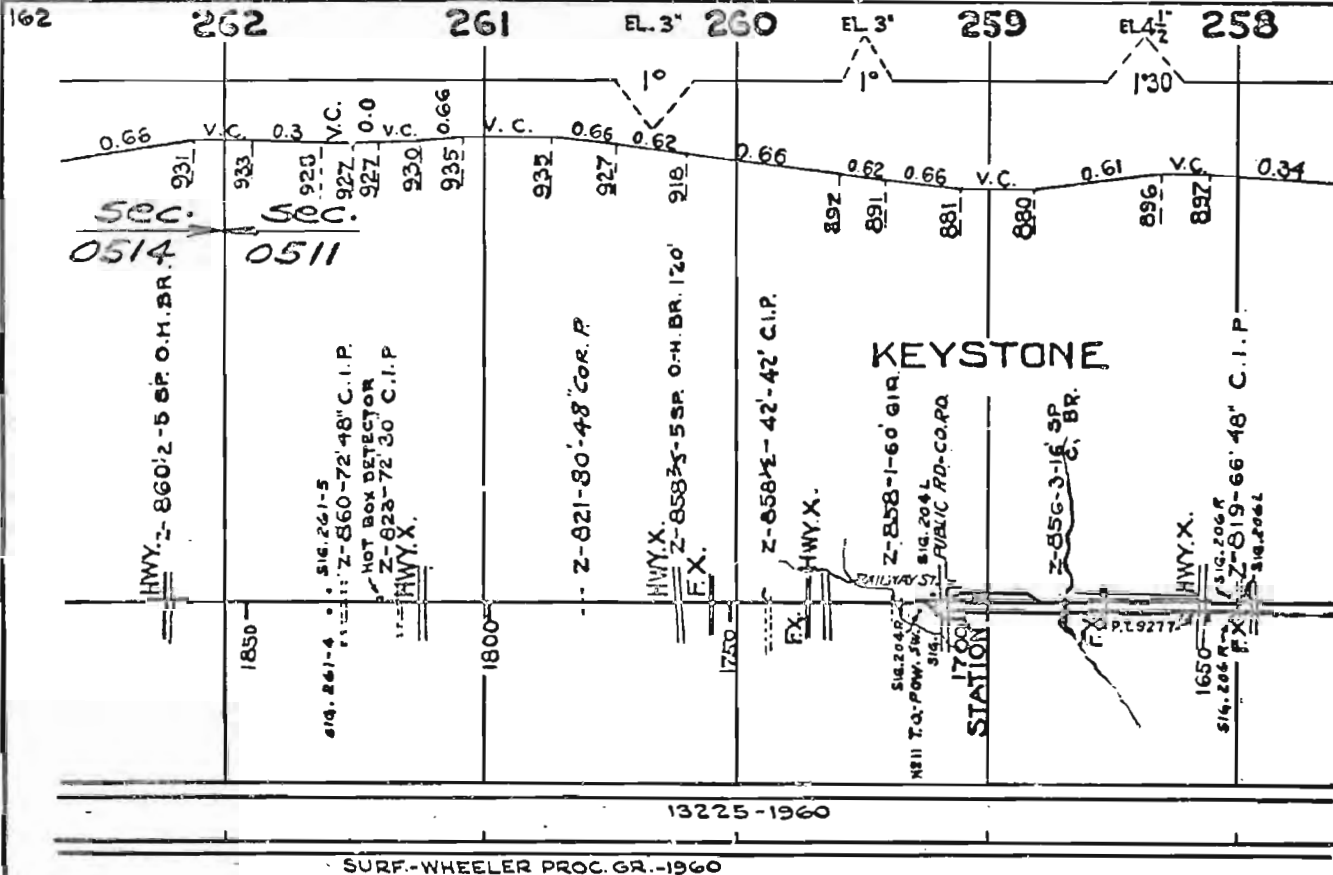
SURF.-WHEELER PROC. GR.-1961



13225 - 1961 112' XG.-1948 13225-1961 13225-1961 13225-1959 11525-1958 13225-1960

C&N W. MAINT.

SURF. WHEELER PROC. 1961 SURF. WHEELER PROC. GR.-1960



EL 3' 257

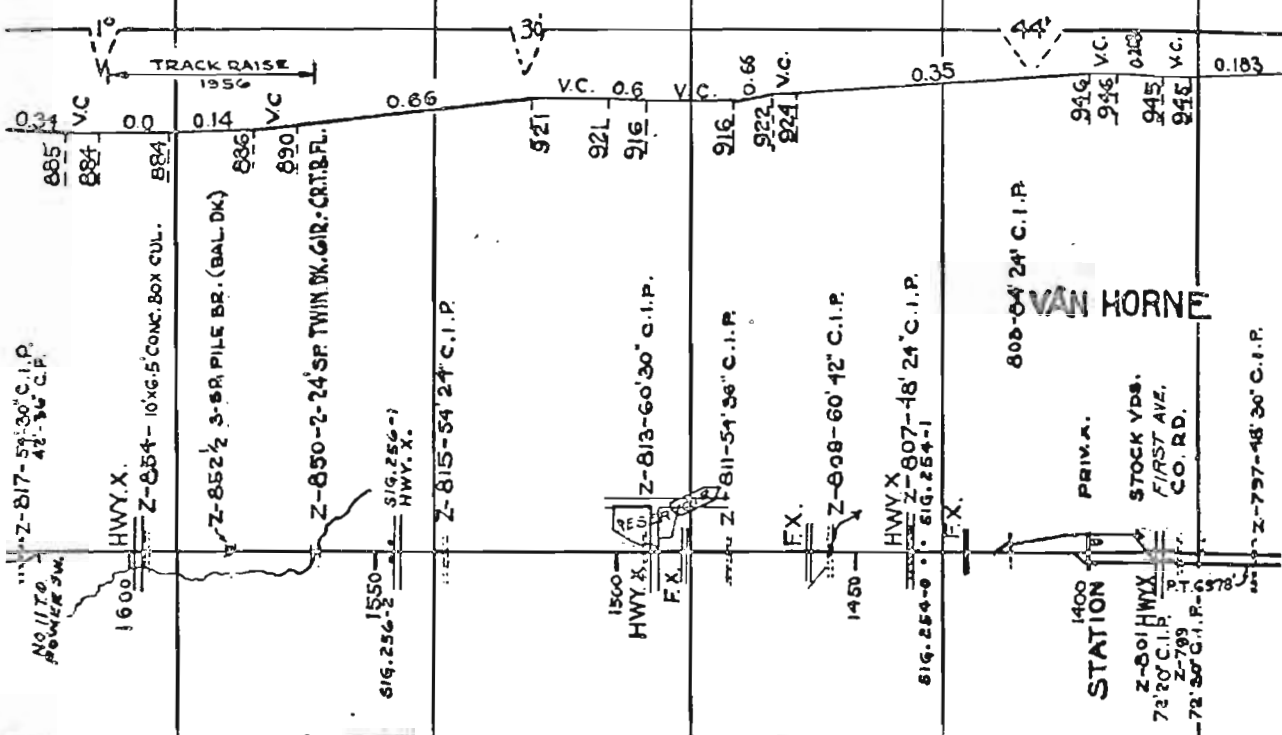
256 EL 1 1/2'

255

254 EL 2 1/2'

253

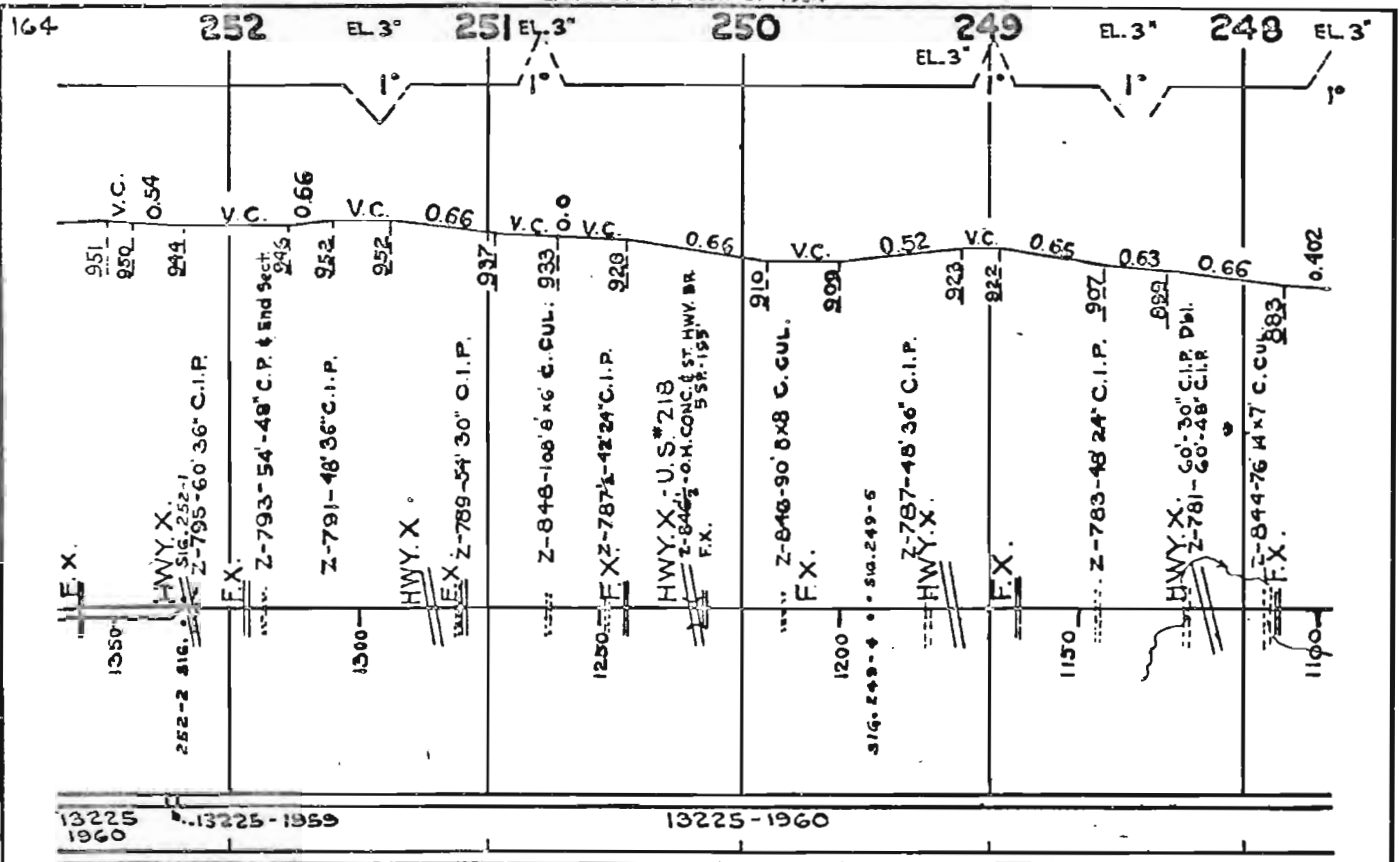
163



VAN HORNE

13225-1960

SURFACING-WHEELER PROC. GR.-1960



13225
1960

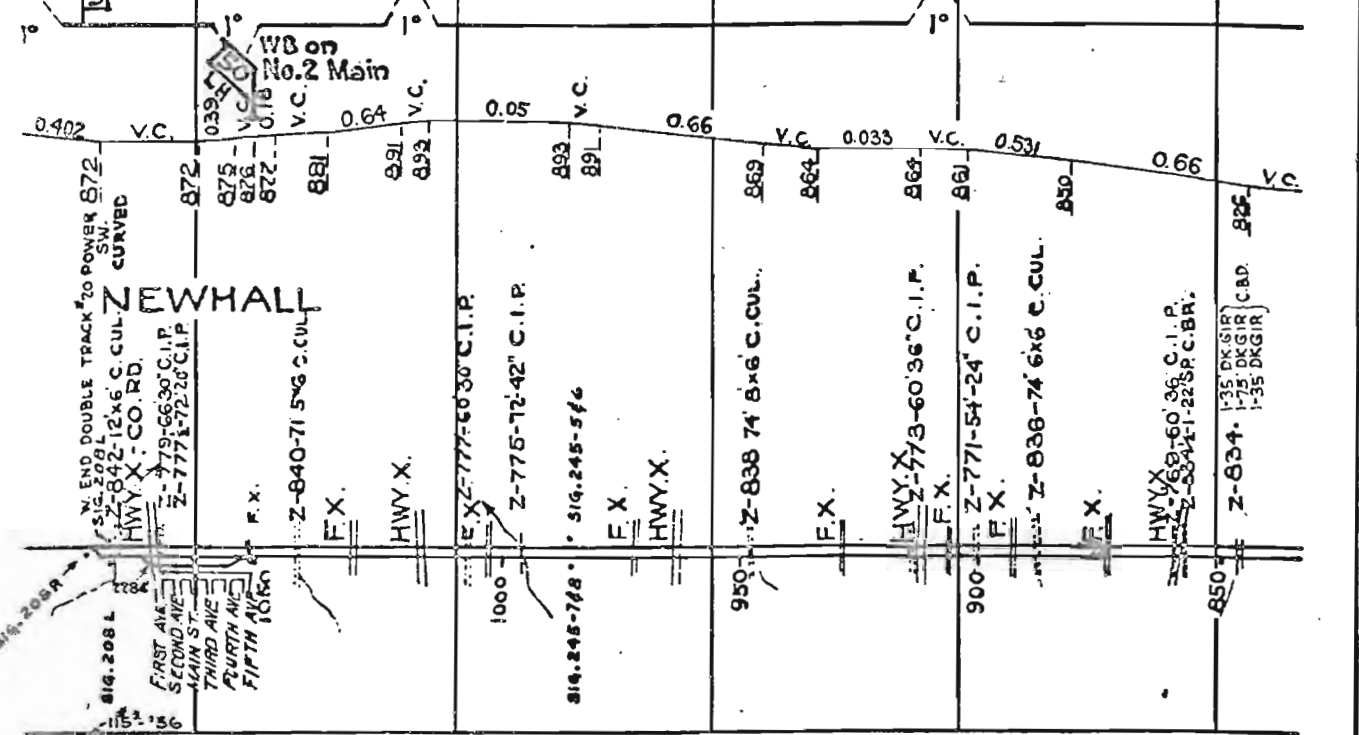
13225-1959

13225-1960

SURFACING-WHEELER PROC. GR.-1960

C.T.C.

EL. 3' 247 3' 246 245 244 243 165



166

EL. 3' 242

EL. 1" EB

241

C.T.C.

BEN LON CO

240

EL. 1/2 299

238 EL. 3'

1/4 IN. 1/2 IN. TAKEN UP 1864

4c
0.66 V.C.
826
835
838
839

0.0
0.3

V.C.
0.5
0.25
0
850
859
856
853
856
853

0.66
V.C.
0.47
0.30
0.32
0.48
820
819
812
809
806
805

0.46

SIG. 242-4
FX. 516.242-B
Z-832-1-10R20' C.B.R.

O.H. HWY. X.
C.T.H.
800
Z-692 1/2-1-31/2
Z-395 1-BEAM SP.

ATKINS
Z-767-96'-18" C.I.P.
SIG. 241-7
Z-832-1-20' C.B.R.
STATION
HWY U-X
Z-632-139' 1/2" C.B.R.

V.O. Bldg.

SIG. 240-31X
HWY X 700
F.X. SIG. 240-152
Z-763 3/3-90'-48" C.I.P.
Z-763 1/2-90'-36" C.I.P.

Z-763-84'36" C.I.P.

650 HWY X Z-826-10x6' c.cul.

ATKINS

SIG. 218 R
812
809
806
805
F.X.
Z-761-60'-42" C.I.P.
SIG. 218 L
Z-759 1/2-54'-30" C.I.P.
E. END DOUBLE TRACK
820 POW. SW. CURVED
F.X. Z-759-54'30" C.I.P.

F.X.

11234-1200 GARY BRUNORIZED

11234-1200

SURF.-WHEELER PROC. GR.-1955

SURF.-WHEELER PROC. GR.-1955

1151
56

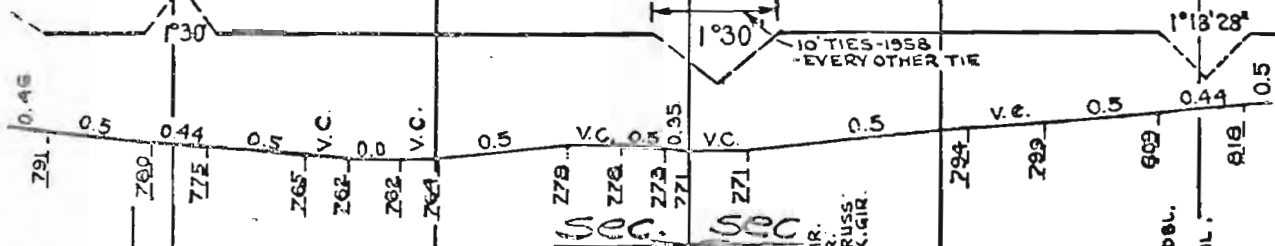
237 EL. 4 1/2°

236

235

234

233



(COVINGTON)

5011 5008

Z-816 O.V.H.D. HWY BR-ST HWY 7A
 Z-749-80'6" C.CUL.
 Z-749-80'6" C.CUL.
 Z-749-12'48" C.I.P.
 Z-749-6x8' C.CUL.
 Z-816 0+H L.145'-78P
 Z-741-12'-16" C.I.P.
 Z-739-120'36" C.I.P.
 Z-814 { 1-38'6" DK.GIR.
 1-90' DK.GIR.
 3-160' DK.TRUSS
 1-54-10" DK.GIR.
 Z-808-151'6" GIR.
 Z-806-90'-48" C.P.
 Z-804 C-166'16"x10' C.CUL. DBL.
 Z-804 B-1-35' GIR.
 Z-804 A-135'20"x18 C.CUL.
 To Independence

11228-1940 GARY BRONZITIZED

13225-1961

SURF.-WHEELER PROC. GR.-1955

SURFACING-WHEELER PROC. GR.-1961

68

232

231

230

229

EL. 2' 228

WK

HWY X
Z-802-1/2 O.H. HWY 140' 6 SR

FX.
Z-731-36'-48" C.P. & END SECT.

FX. Z-729-54' 24" C.P.
30'-30" C.P. (N.END)

Z-802-114'-48" C.I.P.

U.S. C.R. EL. RY. To Waterloo 800
Nash Finch Co.
I.C. RY. To Manchester
WING
MILLS CONC. Co.
PLANT

LOUISIANA
HWY X Z-798 1/2 67' 50"
Z-727-56' 24" C.I.P.

FX. 516-233-8
LONGVIEW PAPER Co.
Z-725-90' 30" C.I.P.

DRUM
PUMP

150' Z-723-42' 24" C.I.P.

Collins Radio
Nash Finch Co
Lehigh Portland Cement Co.
Vigorstone Co.

HWY X
Z-721-60' 24" C.I.P.

Z-Z19-42' 24" C.I.P.

HWY X
Z-717-54' 20" C.I.P.

Z-715-108'-30" C.I.P.

FX. Z-713-132' 24" C.I.P.
Z-711-120' 24" C.I.P.

FX.

HWY X.

INDIAN CREEK
WEND DOUBLE TRK. #20 POWER SW. CURVED
516-222 R.
50
TO KANSAS CITY
224 R-516
INDIAN CR
Z-798
WILLIAMS
180' 6" BR.
Pow. Sw. 516-226 L
516-224 L

0.5

VC. 837

857

0.5

VC. 816

815

816

823

0.6

VC. 848

849

846

845

VC. 845

842

VC. 819

818

VC. 818

0.58

13225-1961

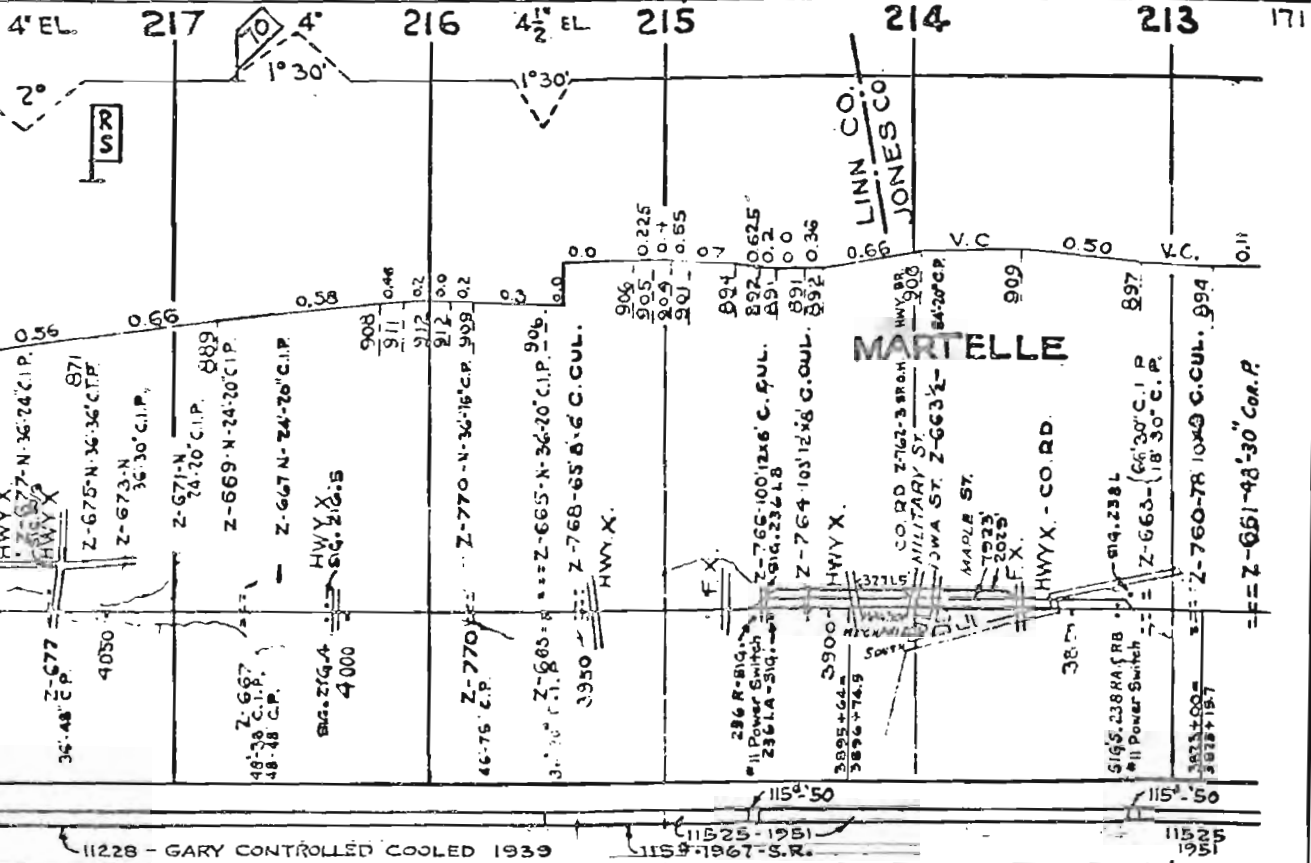
SURFACING-WHEELER PROC. GR.-1961

SURF-WHEELER
PROC. GR.-1955

115'

156'

BRUM. 112-35
112-35
112-35
112-35



172

212

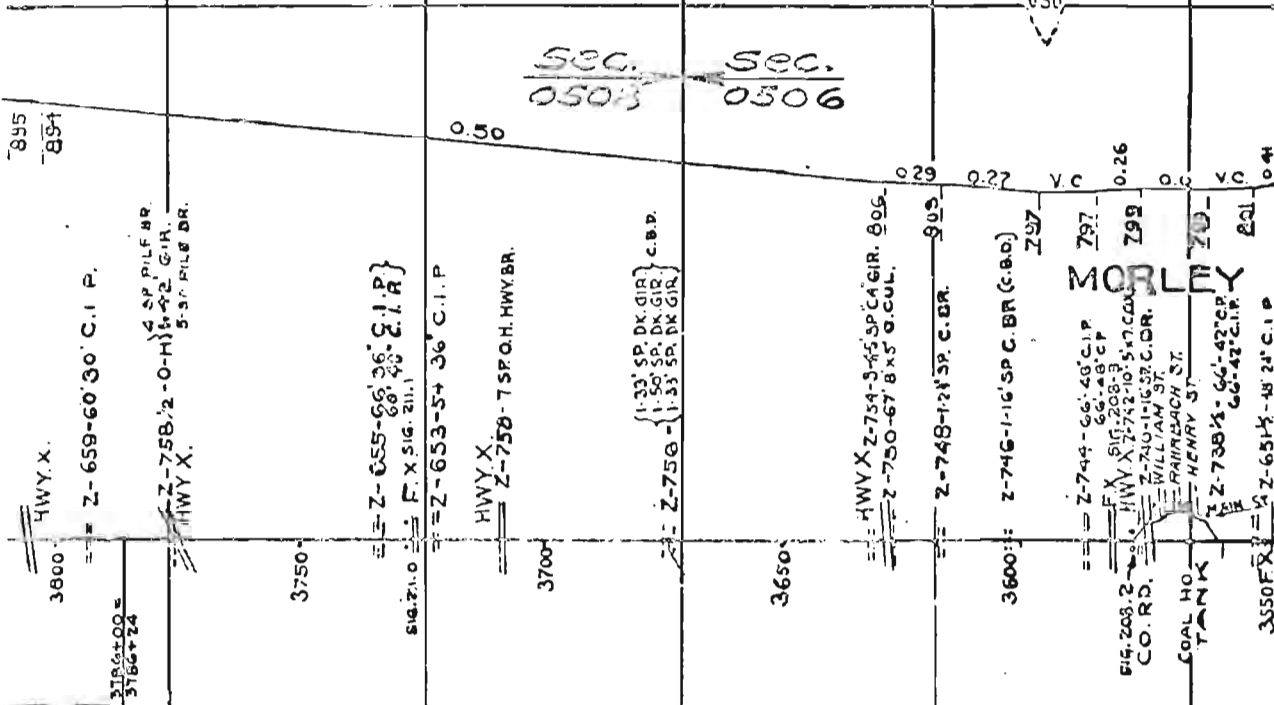
211

210

209

EL. 112'

208



895
894

HWY. X.

3800

Z-659-60'30" C.I.P.

3166+00 =
3166+74

Z-758-2-0-H} 4 SP FILE BR.
Z-758-2-0-H} 5-2 G.R.
HWY X. } 5-3 FILE BR.

3750

Z-655-66'26" 21.P }
F. X. SIG. 211.1 }

SIG. 211.0

Z-653-5+36 C.I.P.

HWY X.

Z-750-7 SPO.H. HWY BR.

3700

Z-750- } (1-33' SP. DK DIR } C.B.P.
 } (1-50' SP. DK DIR }
 } (1-33' SP. DK DIR }
 } (1-50' SP. DK DIR }

3650

HWY X Z-754-3-45 SP. C. G. R. 806
Z-750-67'8 X 5' G. C. U. L.

Z-748-1-24' SP. C. BR. 805

3600 Z-746-1-16' SP. C. BR. (8-80)

797

Z-744-66'-48" C.I.P.
66'-48" C.P.

797

F. X. SIG. 208.3
HWY X Z-742-10'-54" C. U. L.
Z-740-1-16' SP. C. D. R.
WILLIAM ST.
RAINFORTH ST.

799

SIG. 208.2
CO. R. D.

COAL HO
TANK

Z-738-66'-47" C.P.
66'-47" C.I.P.

Z-651-45'-24" C.I.P.

801

0.4

11525-1951

207

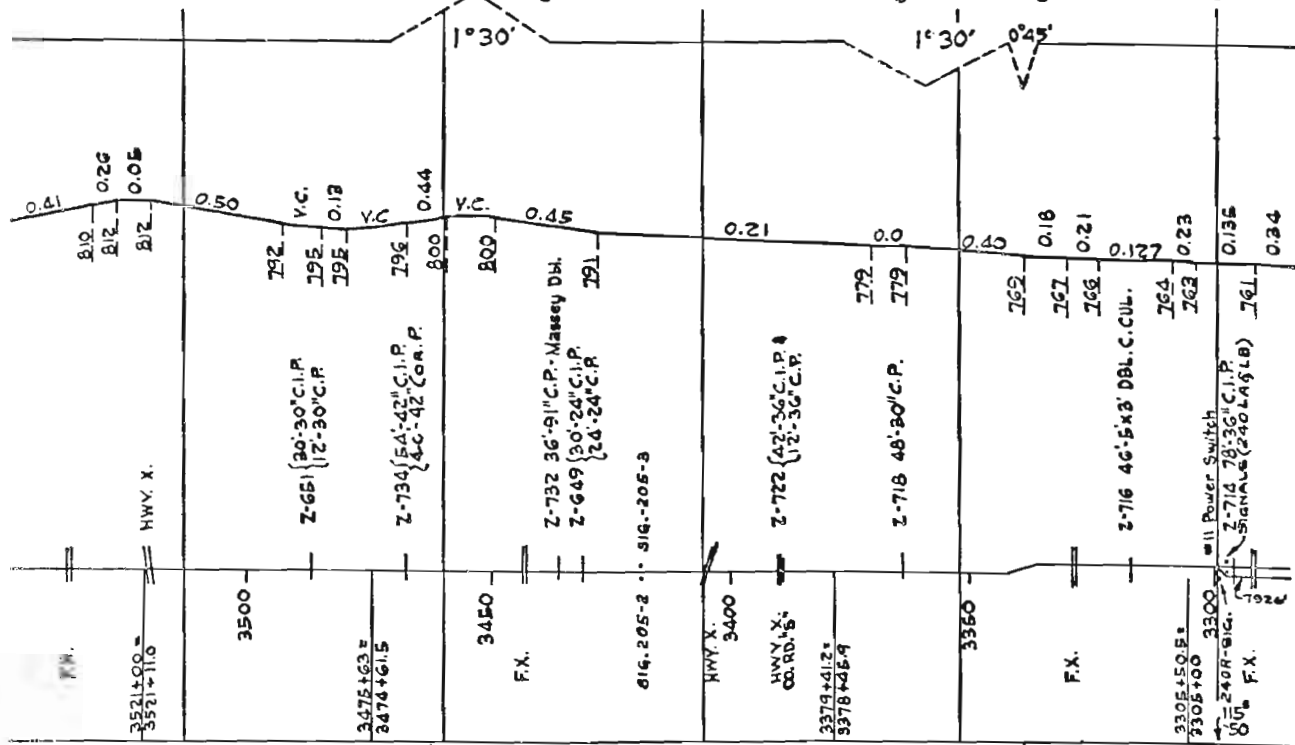
206 EL. 4 1/2"

205

EL. 4 1/2" 204 2 1/2" EL.

203

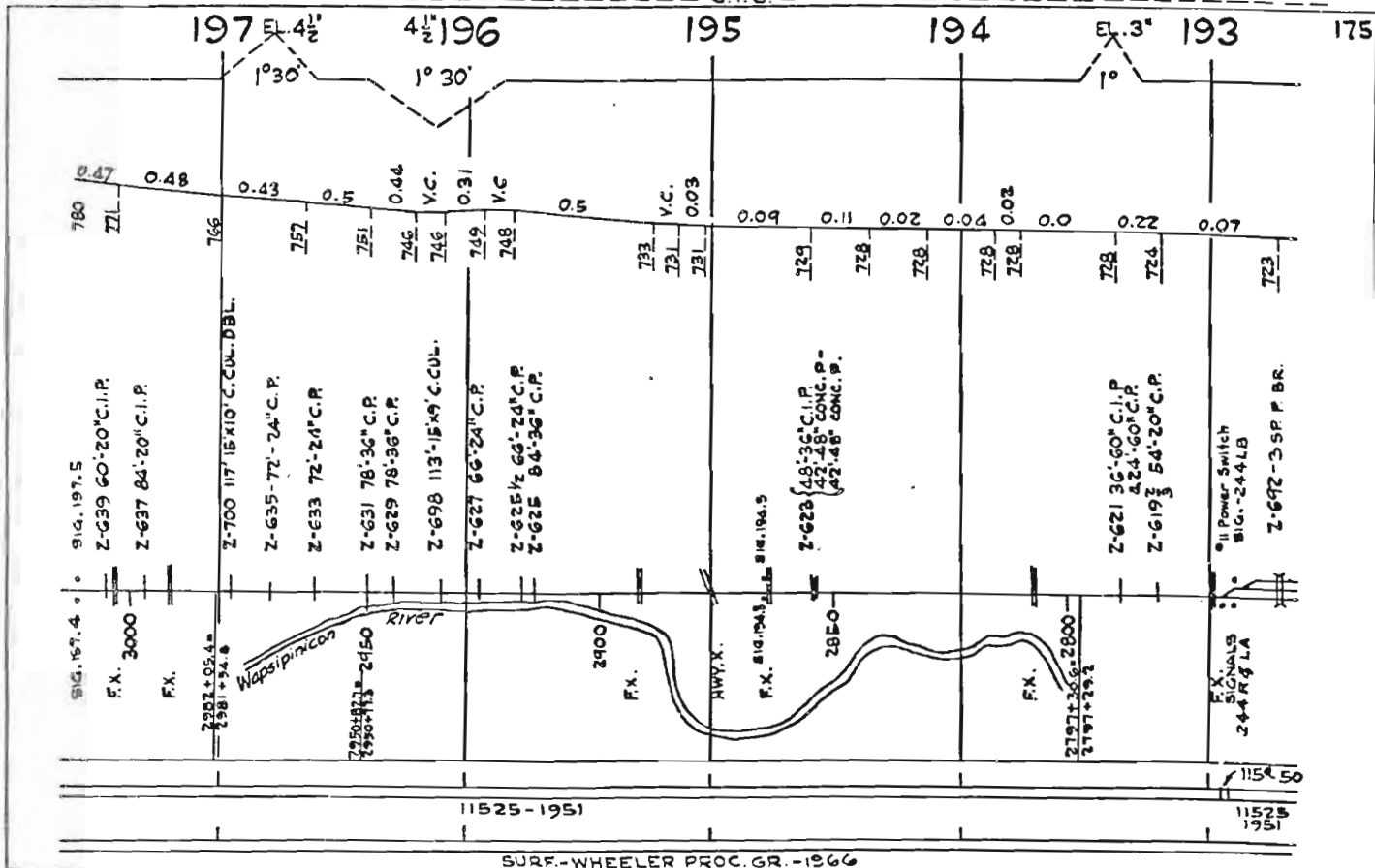
173

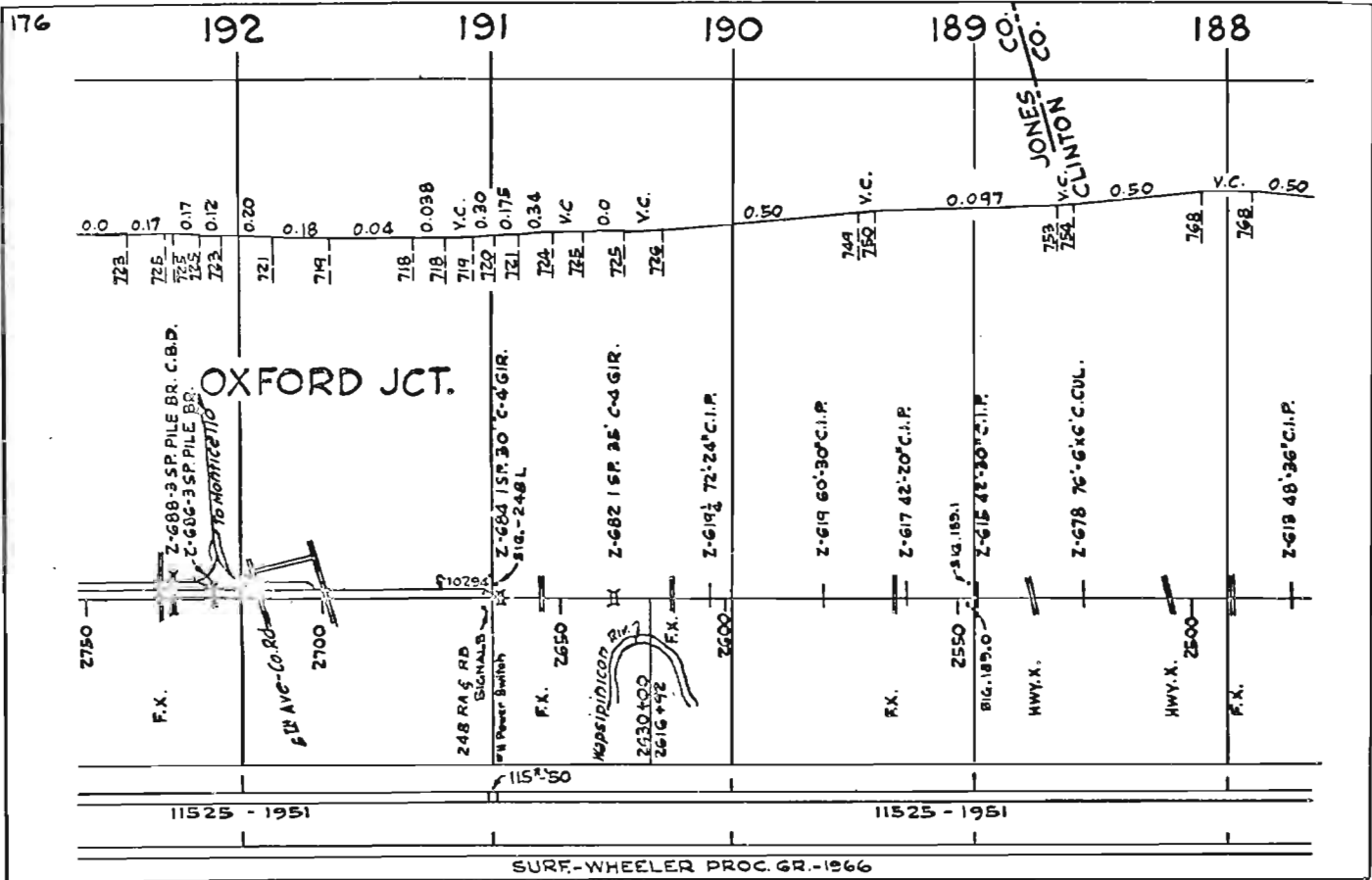


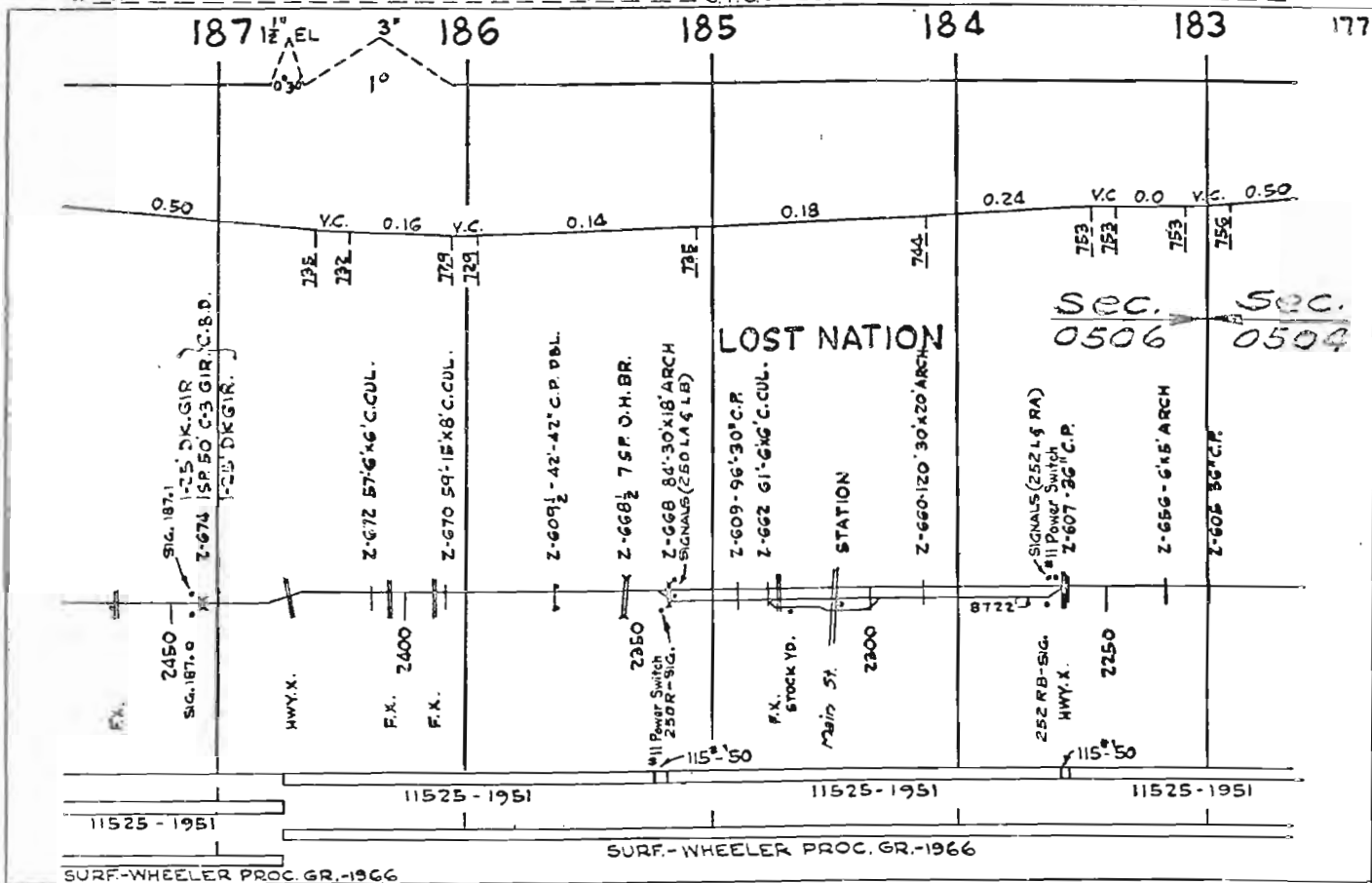
11525-1951

SURF.-WHEELER PROC. GR.-1966

SURF.-WHEELER PROC. GRAVEL-1966







178

182

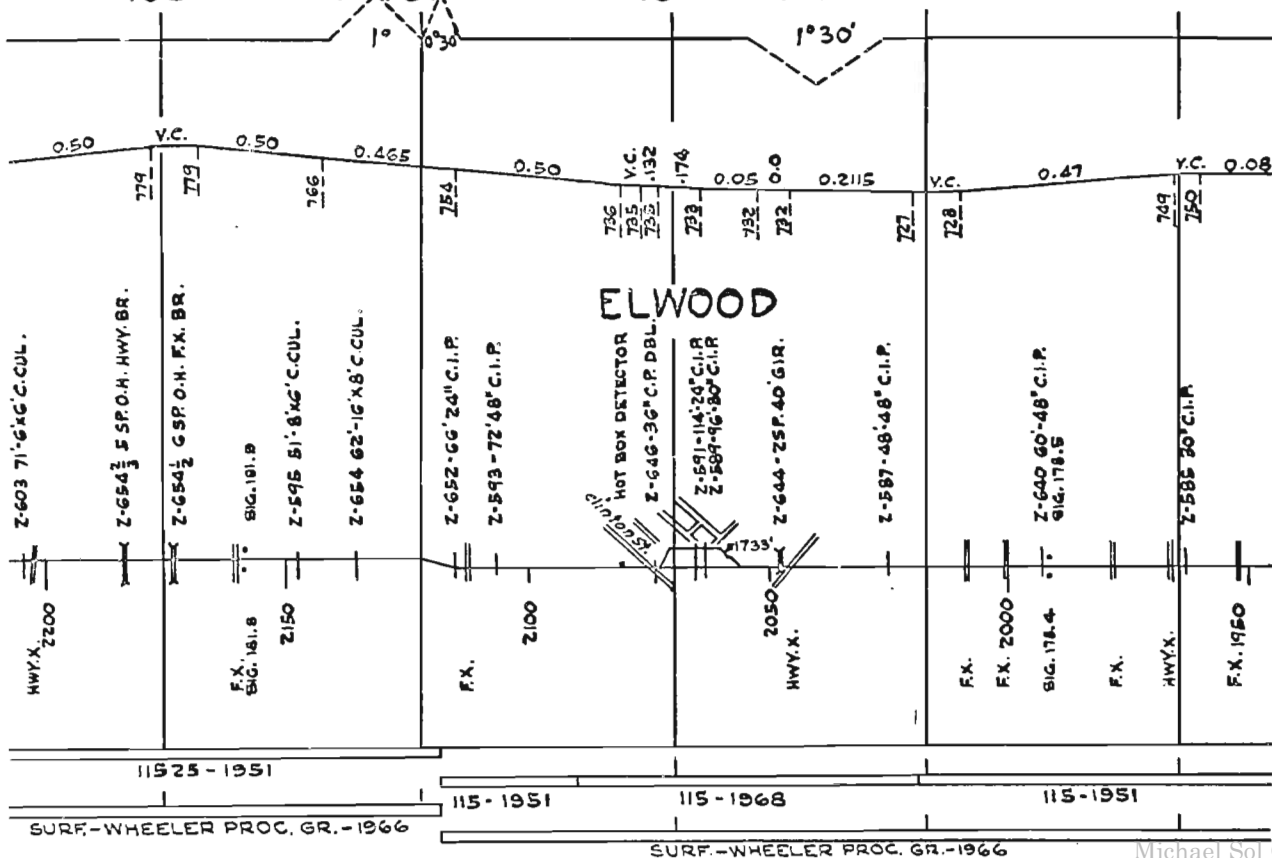
EL. 3° 181 1/2

180

EL. 4°

179

178



EL. 3'

177

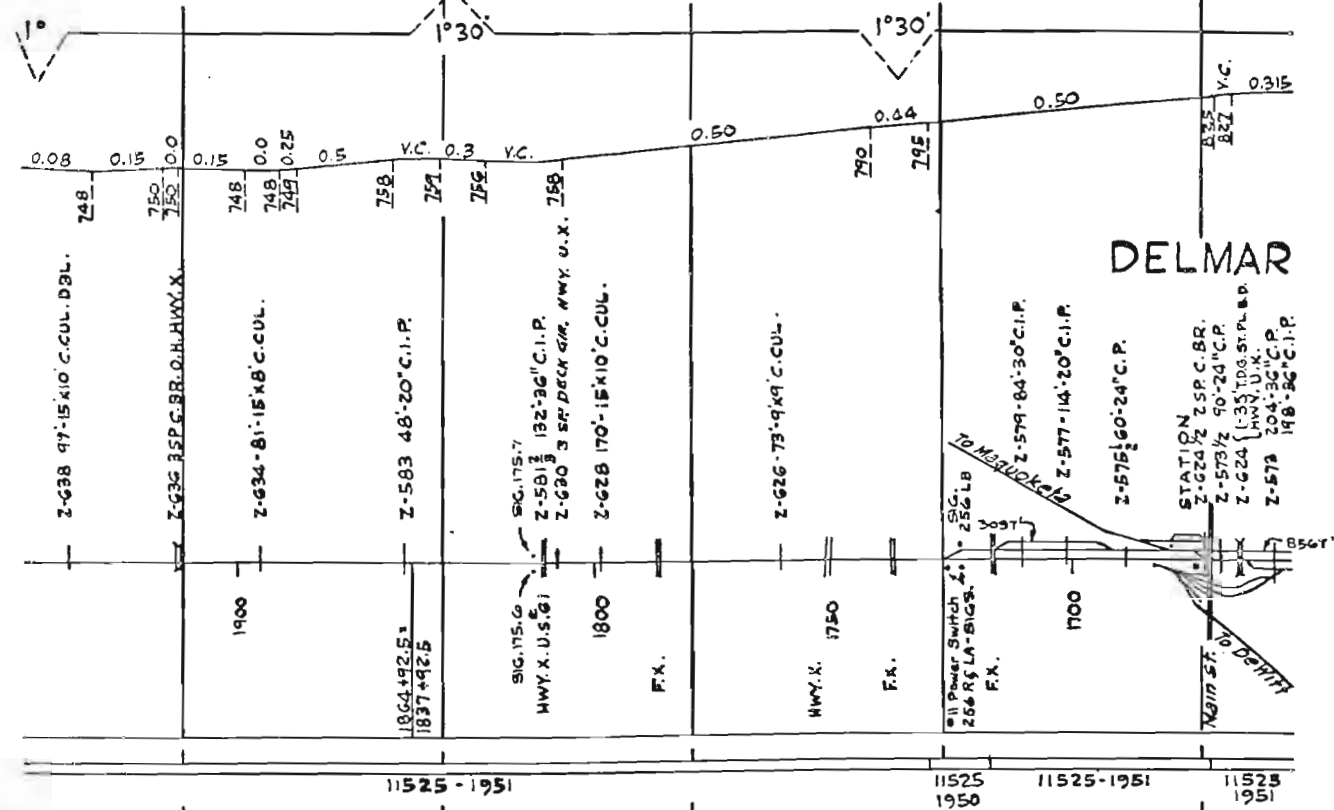
176 4 1/2'

175

EL. 4 1/2' 174

173

179



SURF-WHEELER PROC. GR.-1966

180

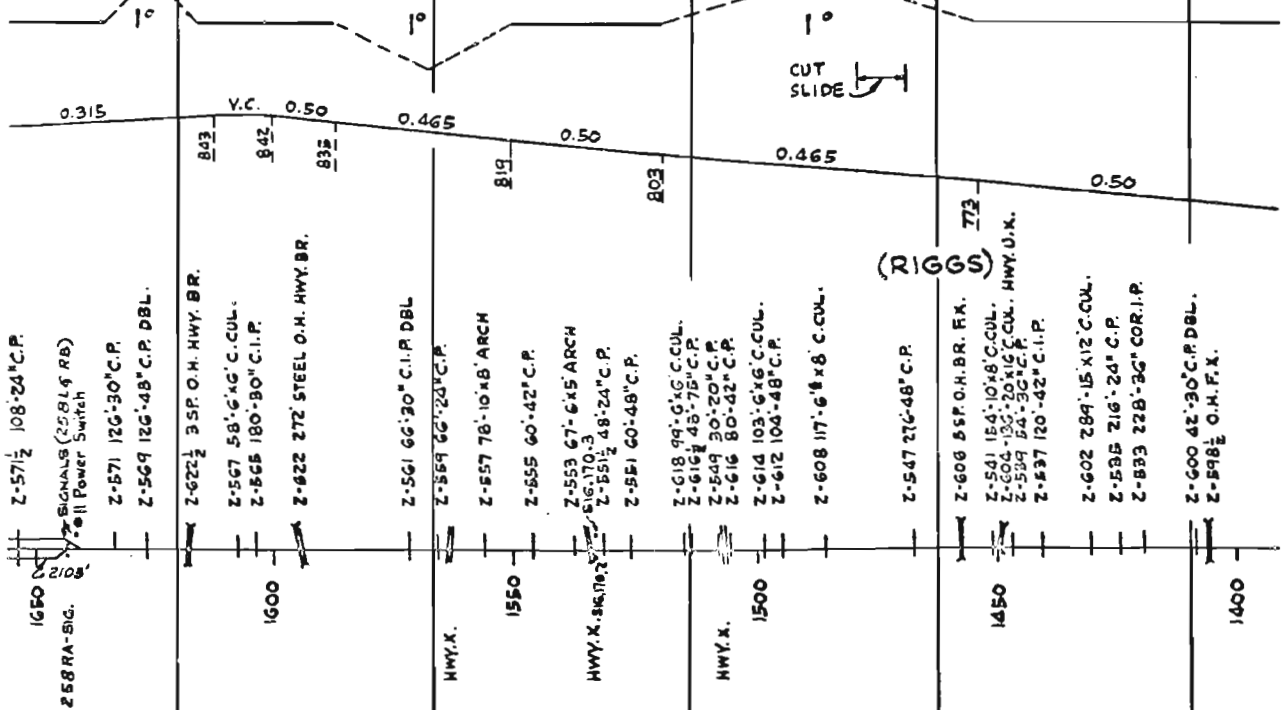
EL. 172

171

170

EL. 169

168

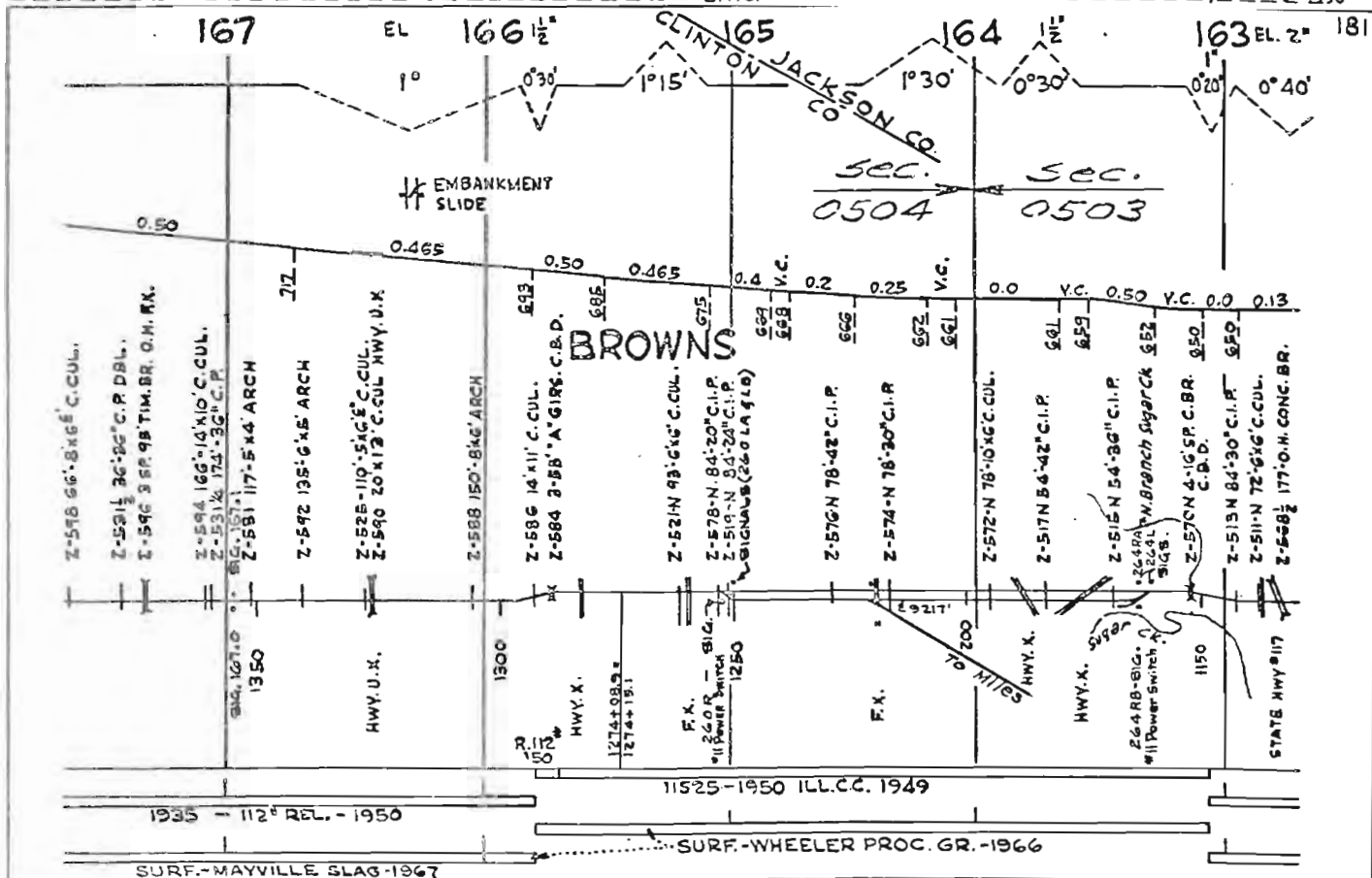


(RIGGS)

11523
1931

11523 - 1931

1935 - 112' REL. - 1950



182

162

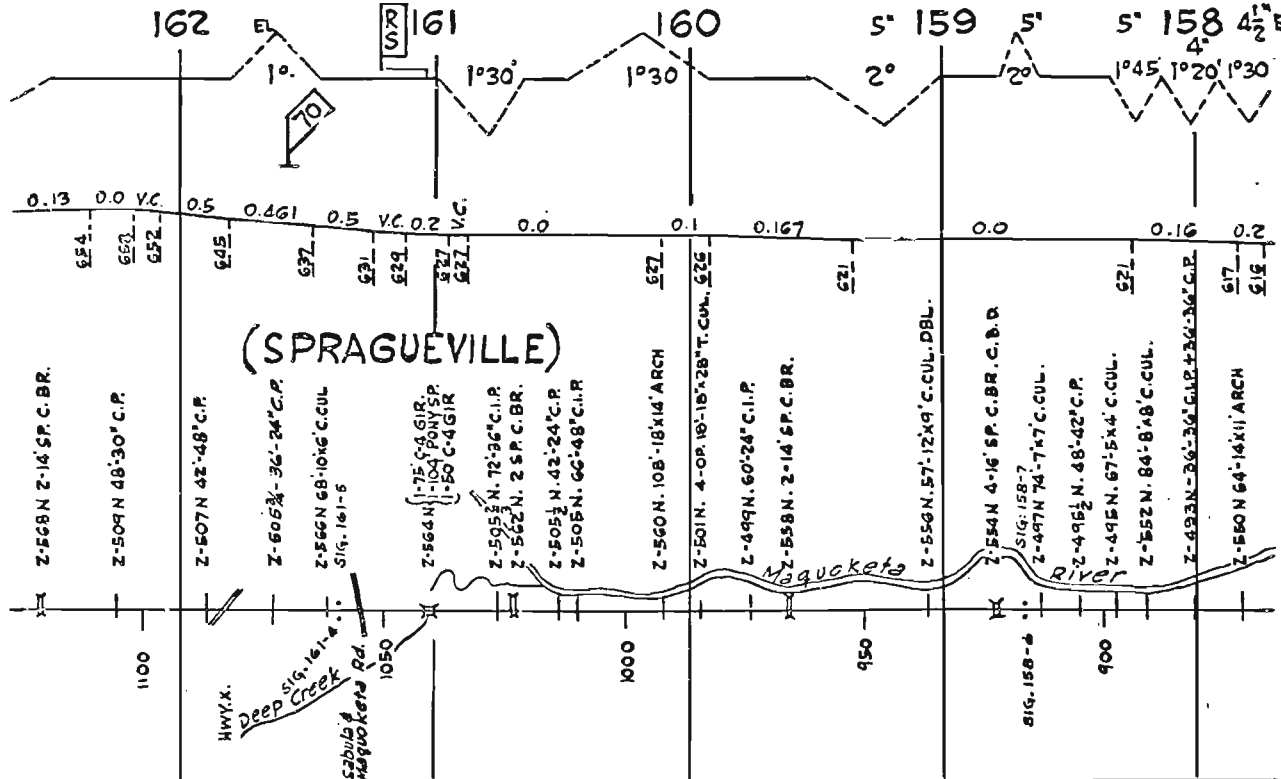
161

160

5' 159

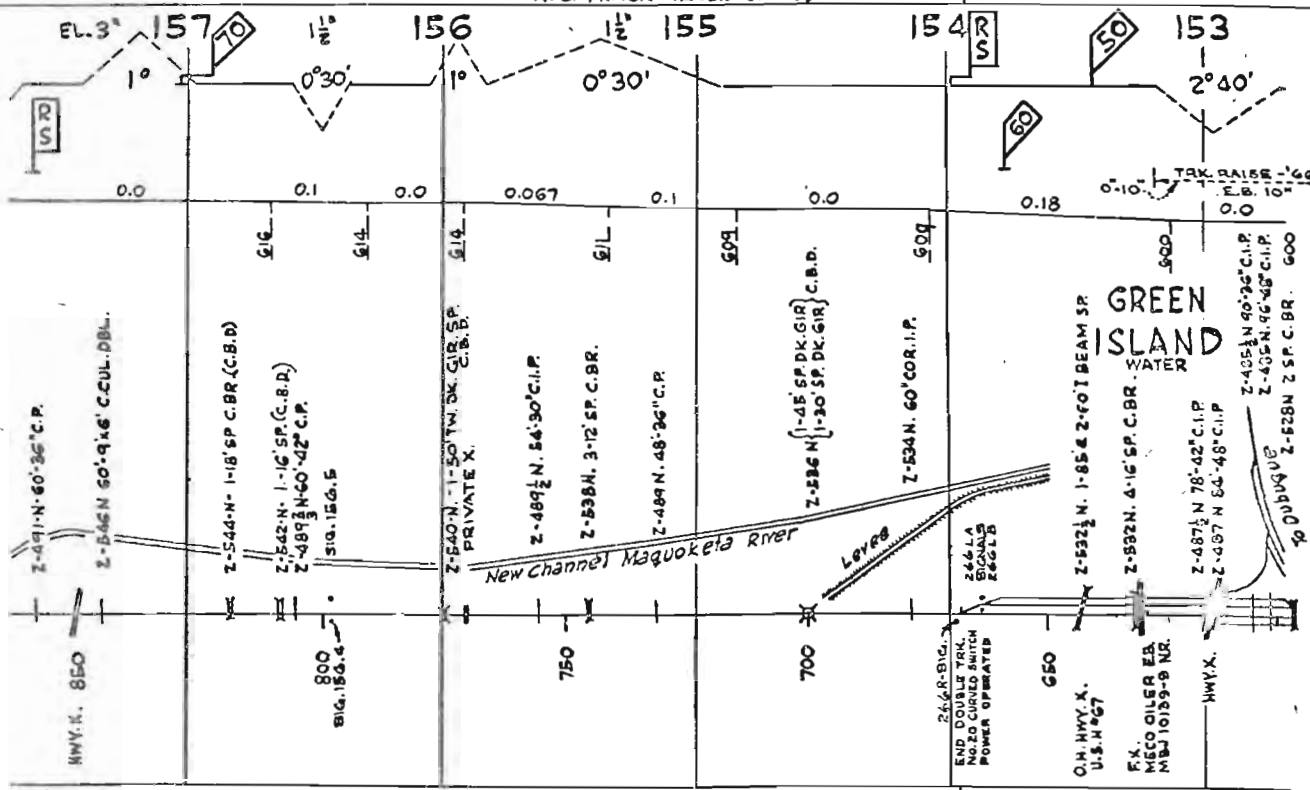
5'

5' 158 4 1/2 EL.



115#-1966-N.R.-TC12 115#-19662

11525-1950 ILL.C.C.1949



11525-1950 T.C.C. 1949

SURF.-WHEELER PROC. GR.-1963

SURF.-WHEELER PROC. GR.-1960

4" GR.-'50

SURF.-CRUSHED ROCK-'66

SURF.-M.S.-1966

