

ICH.No.1 SEC.D-2  
MADISON COUNTY  
File #57

# STATE HIGHWAY DEPARTMENT OF OHIO

## BUREAU OF CONSTRUCTION

# SEC. D-2 NATIONAL ROAD

## I.C.H.No.1 PET.No.4128

# MADISON COUNTY

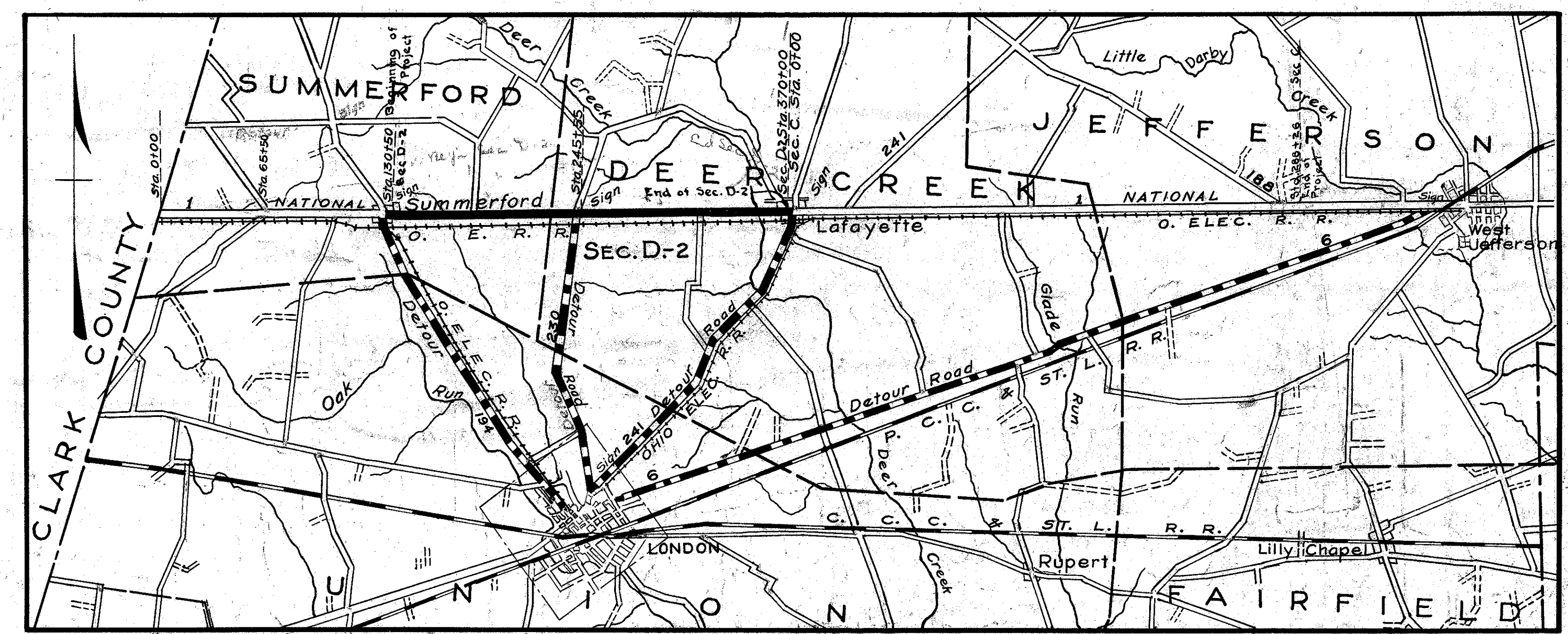
## DEER CREEK & SUMMERFORD TWPS. SEPT. 1920

INDEX OF SHEETS

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"	"	2 Typical Cross Sections
"	"	3 Plan and Profile Sta. 130+50 to Sta. 150+00
"	4	" " " " 150+00 " " 180+00
"	5	" " " " 180+00 " " 210+00
"	6	" " " " 210+00 " " 240+00
"	7	" " " " 240+00 " " 270+00
"	8	" " " " 270+00 " " 300+00
"	9	" " " " 300+00 " " 330+00
"	10	" " " " 330+00 " " 360+00
"	11	" " " " 360+00 " " 370+00
"	12	Cross Sections
"	13	Summary, Bridges & Culverts

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- CONVENTIONAL SIGNS
- County Line
  - Township Line
  - Property Line
  - Center Line
  - City or Village Line
  - Wire Fence
  - Telephone or Telegraph
  - Steam Railroad
  - Electric Line



The 1919 Specifications of the State Highway Department of Ohio as approved by the Secretary of Agriculture govern in the making of this improvement.

I do hereby approve these plans and declare that the making of the improvement will require the closing of the highway to traffic and that detours will be indicated by signs as shown on the plans and estimates.

Approved: J.H. Asher  
Date: Nov 29 1920 Resident Engineer.

Approved: George M. Davis  
Date: Nov 29 1920 Division Engineer.

Approved: T.S. Brindle  
Date: Nov 29 1920 Chief Highway Engineer.

Approved: A.R. Taylor  
Date: 11/29/20 State Highway Commissioner.

Recommended for Approval  
Date \_\_\_\_\_ District Engineer, Bureau of Public Roads.

Recommended for Approval  
Date \_\_\_\_\_ Chief Engineer, Bureau of Public Roads.

Approved  
Date \_\_\_\_\_ Chief of Bureau.

File D-2

We the Commissioners of Madison County, hereby approve these plans and certify that the right-of-way of soft wide, is available for the construction, maintenance and repair of the above highway.

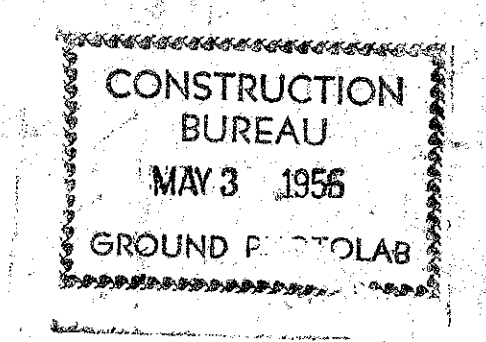
W. A. ...  
G. A. Street  
Date Nov 29 1920 County Commissioners

### LOCATION PLAN

Scale 1" = 1 mile

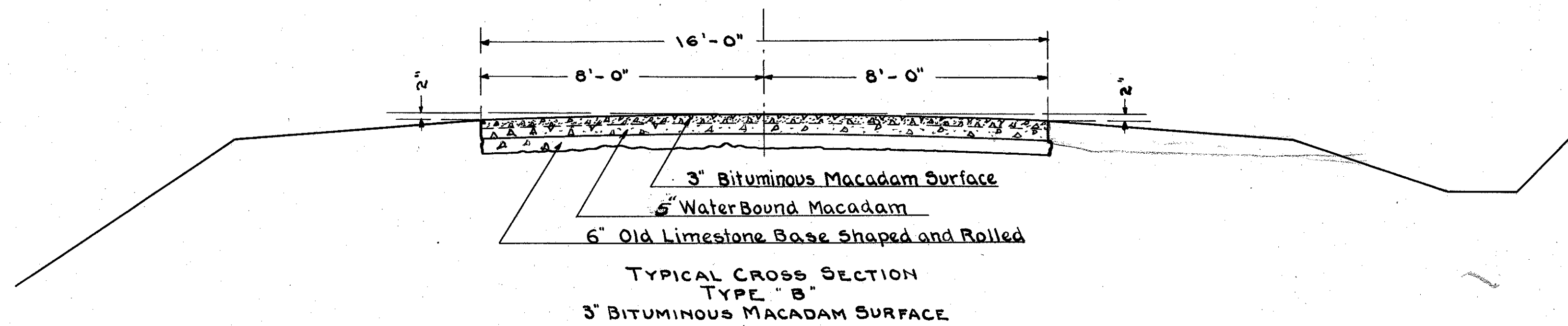
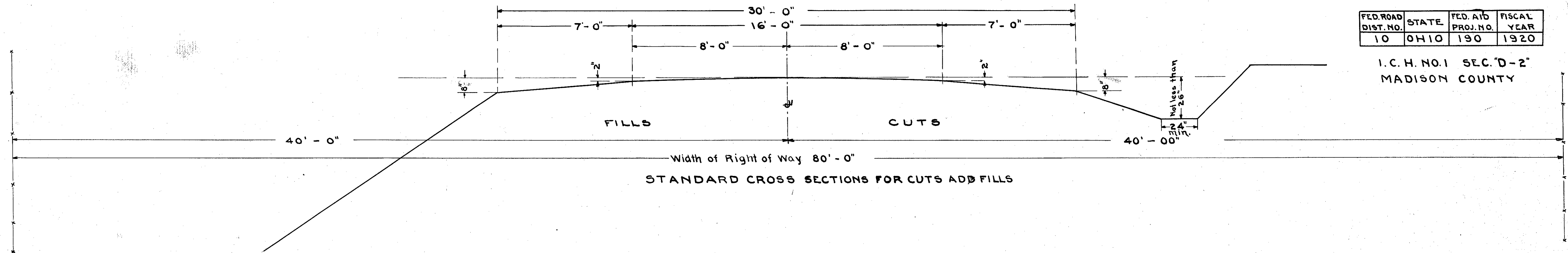
PORTION TO BE IMPROVED   
DETOUR ROADS

- SCALES
- Plan 1" = 100'
  - Profile (Vertical) 1" = 10'
  - Profile (Horizontal) 1" = 100'
  - Cross Sections 1" = 5'

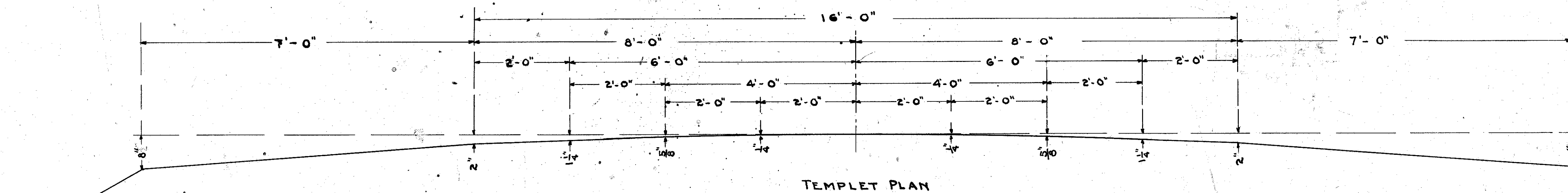
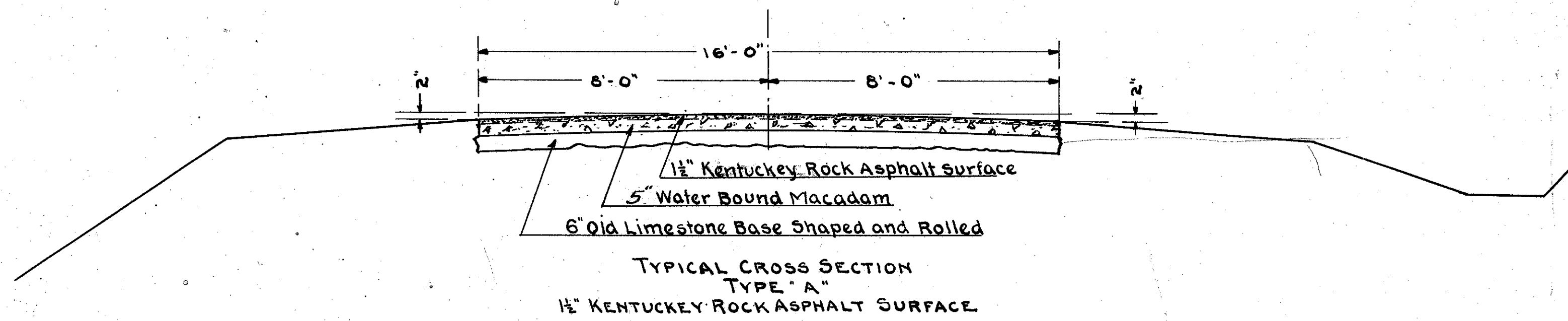


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO	190	1920

I. C. H. NO. 1 SEC. 'D-2'  
MADISON COUNTY



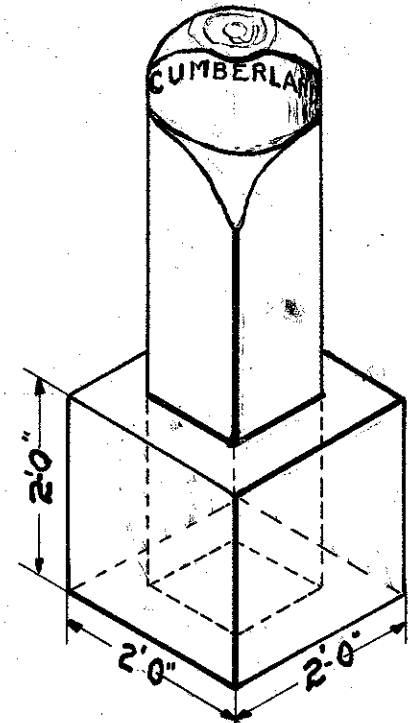
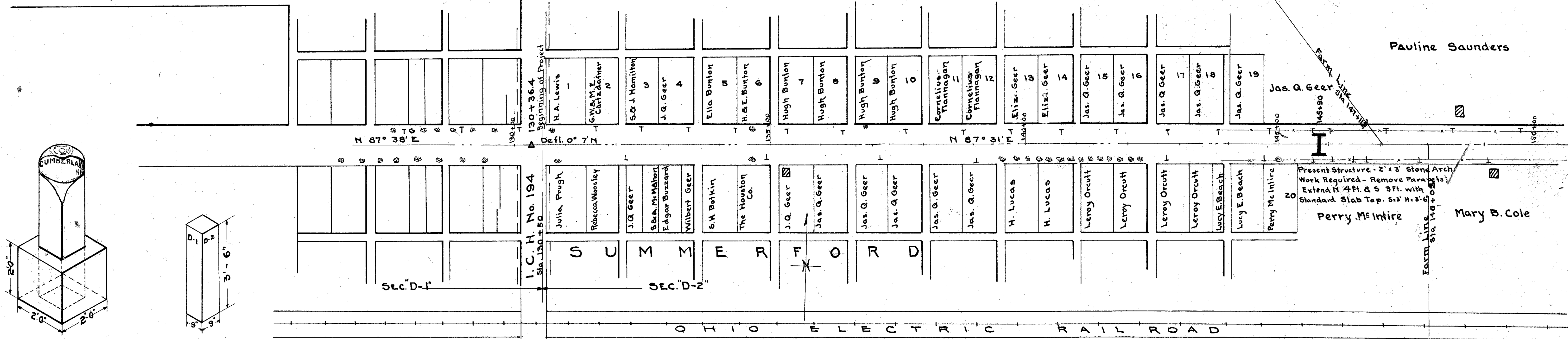
Note: Excavation quantities shown in the Approximate Estimate are calculated for Type B pavement and are adjusted in the estimate for Type A.  
Grade line as shown on Profile is to be raised 1 1/2" to provide for a 5" Base Course.



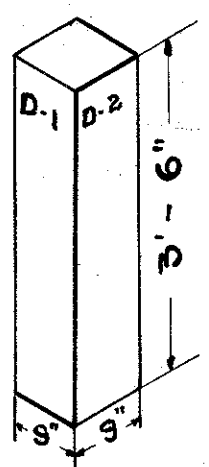


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I.C.H. No. 1 SEC. D-2  
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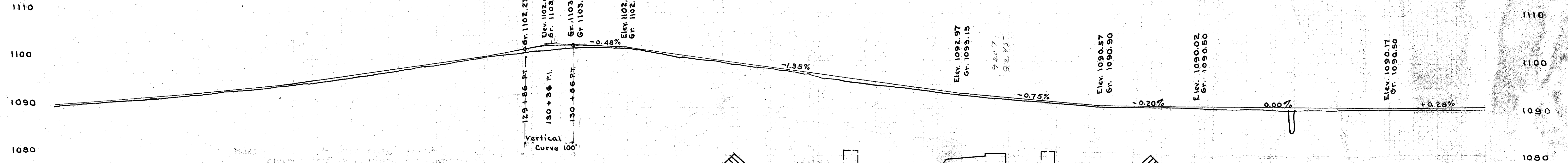


**MILE STONES**  
35 FT. FROM C.  
To be set in 1:2 1/2:5 Concrete  
Stones to be furnished by State.  
0.222 cu. yd. Concrete



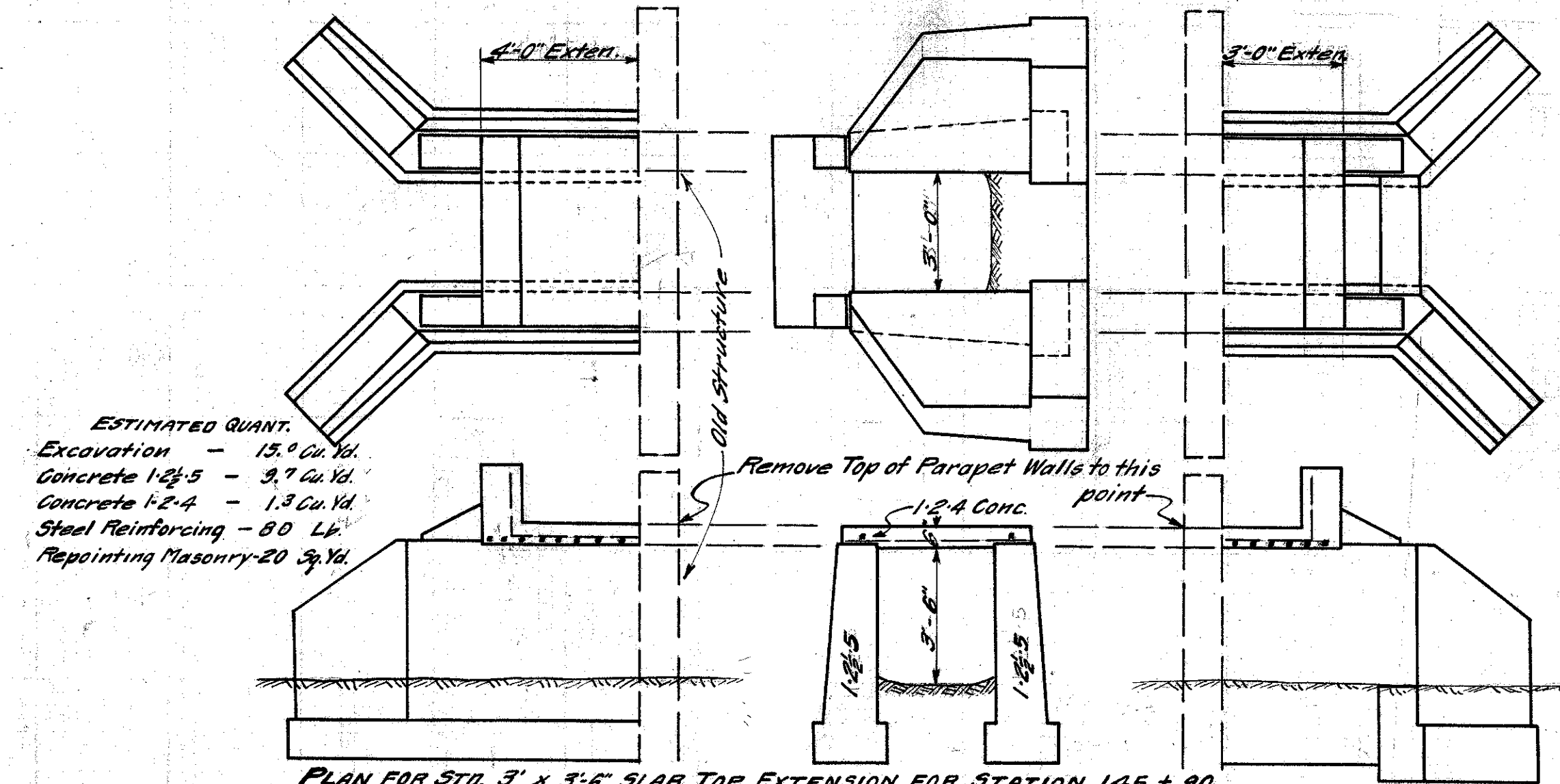
**SECTION MARKER**  
15 FT. FROM C.  
0.078 cu. yd. 1:2:4 Concrete  
Sta. 130+50.0  
0.222 cu. yd. Concrete

14 Standard Cast Iron Corner Stone Covers to be placed as directed by Engineer at Farm Corners and angle points



Station	Elevation
129+00	1091.83
129+50	1092.82
130+00	1093.92
130+50	1095.02
131+00	1096.12
131+50	1097.22
132+00	1098.32
132+50	1099.42
133+00	1100.52
133+50	1101.62
134+00	1102.72
134+50	1103.82
135+00	1104.92
135+50	1106.02
136+00	1107.12
136+50	1108.22
137+00	1109.32
137+50	1110.42
138+00	1111.52
138+50	1112.62
139+00	1113.72
139+50	1114.82
140+00	1115.92
140+50	1117.02
141+00	1118.12
141+50	1119.22
142+00	1120.32
142+50	1121.42
143+00	1122.52
143+50	1123.62
144+00	1124.72
144+50	1125.82
145+00	1126.92
145+50	1128.02
146+00	1129.12
146+50	1130.22
147+00	1131.32
147+50	1132.42
148+00	1133.52
148+50	1134.62
149+00	1135.72
149+50	1136.82
150+00	1137.92

B.M. 1102.67  
X O.R.W. End of Top Step of Hotel Building



**ESTIMATED QUANT.**  
Excavation - 15.0 Cu. Yd.  
Concrete 1-2 1/2:5 - 3.9 Cu. Yd.  
Concrete 1-2:4 - 1.3 Cu. Yd.  
Steel Reinforcing - 80 Lb.  
Repainting Masonry - 20 Sq. Yd.

B.M. 1091.10  
X on E Top S. Parapet of Culvert.

PLAN FOR STD. 3' x 3'-6" SLAB TOP EXTENSION FOR STATION 145+90



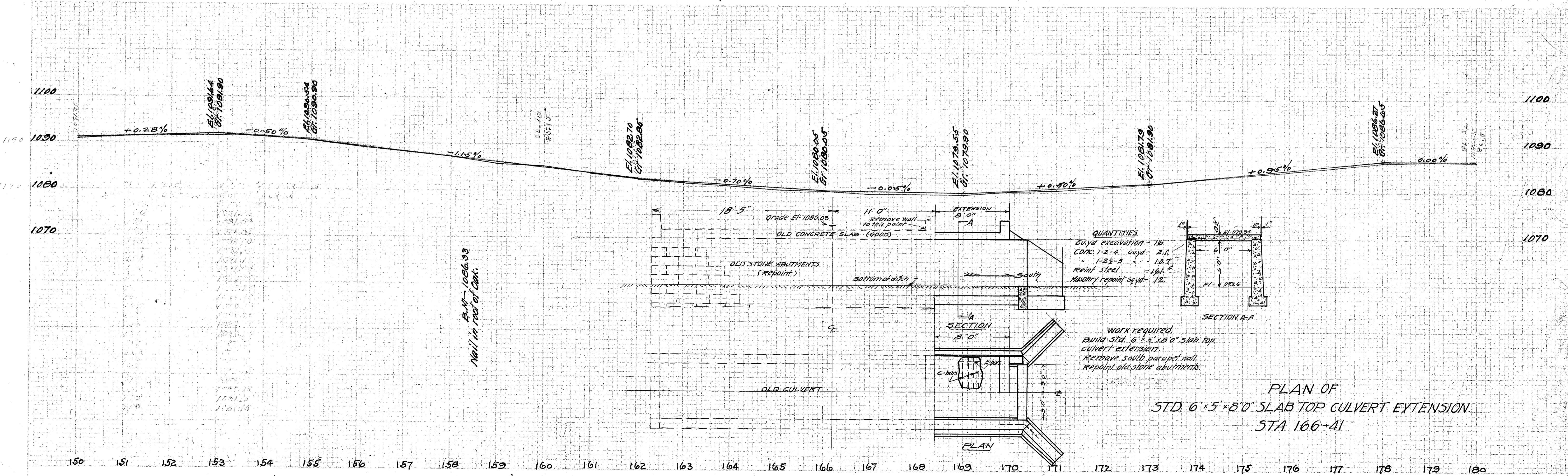
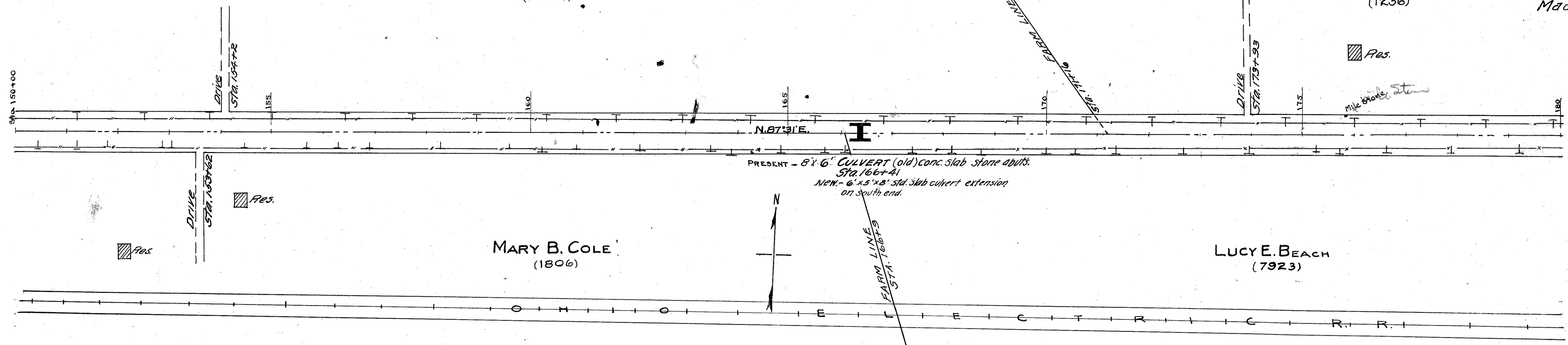
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FED. ROAD DIST. No.	STATE	FED. AID FISCAL YEAR	FISCAL YEAR
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PAULINE SAUNDERS.  
(2404)

AMANDA TANNER ETAL.  
(1236)

I.C.H. No. 1 Sec. D-1  
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B.M. - 1086.33  
Nail in rear of Oak.

QUANTITIES

Culvert excavation	- 16
CONC. 1-2-4	cuyd - 2.11
" 1-2-5	" - 10.7
Reinf. steel	- 161.7
Masonry repoint	sqyd - 12.

Work required.  
Build std. 6' x 5' x 8' slab top culvert extension.  
Remove south parapet wall.  
Repoint old stone abutments.

PLAN OF  
STD. 6' x 5' x 8' SLAB TOP CULVERT EXTENSION  
STA 166+41

150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180

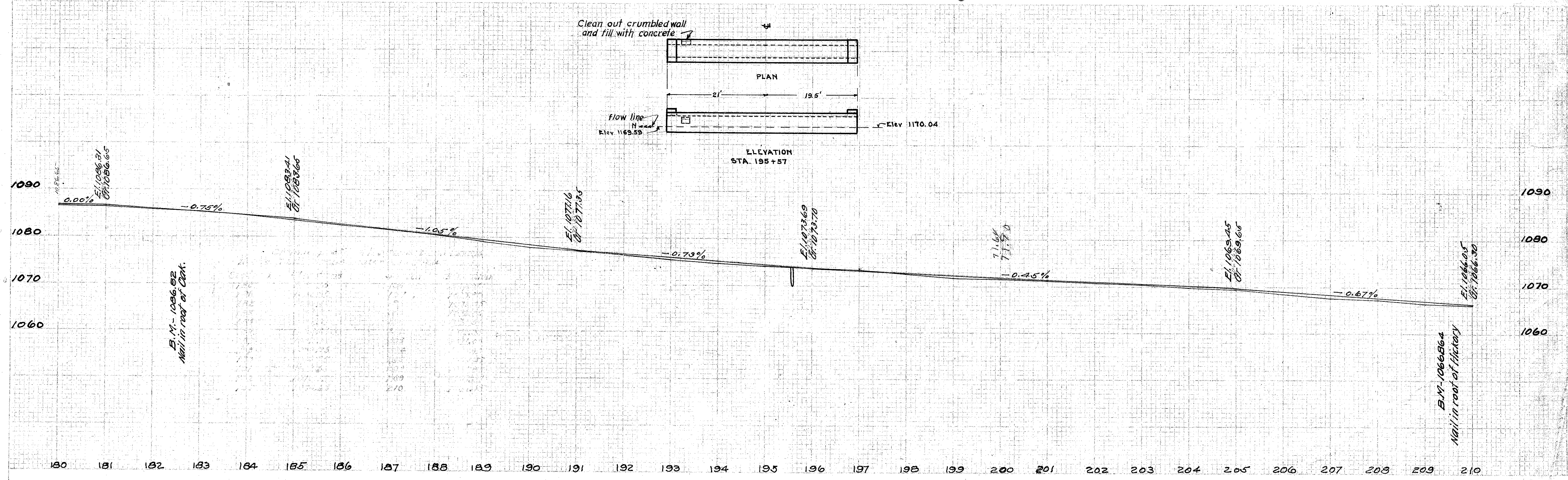
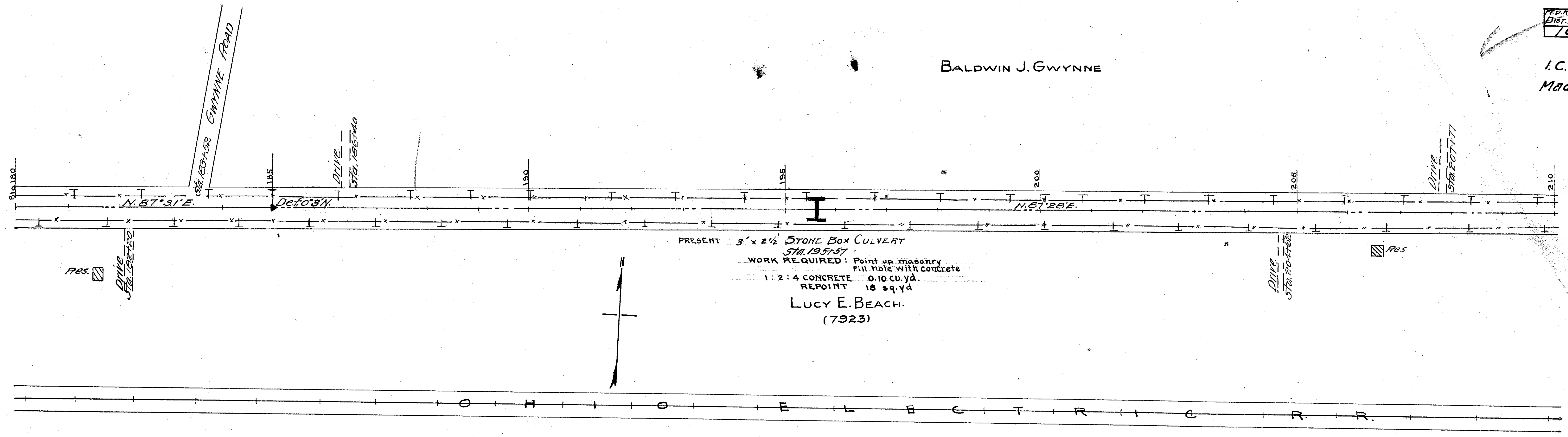


180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210

ED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
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BALDWIN J. GWYNNE

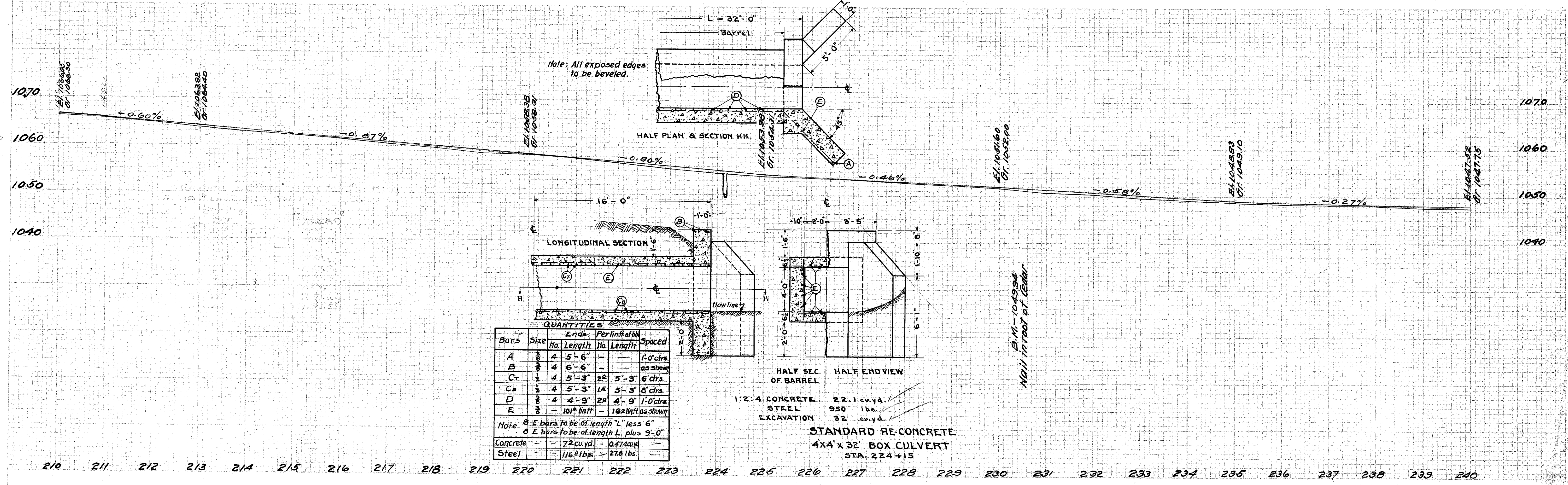
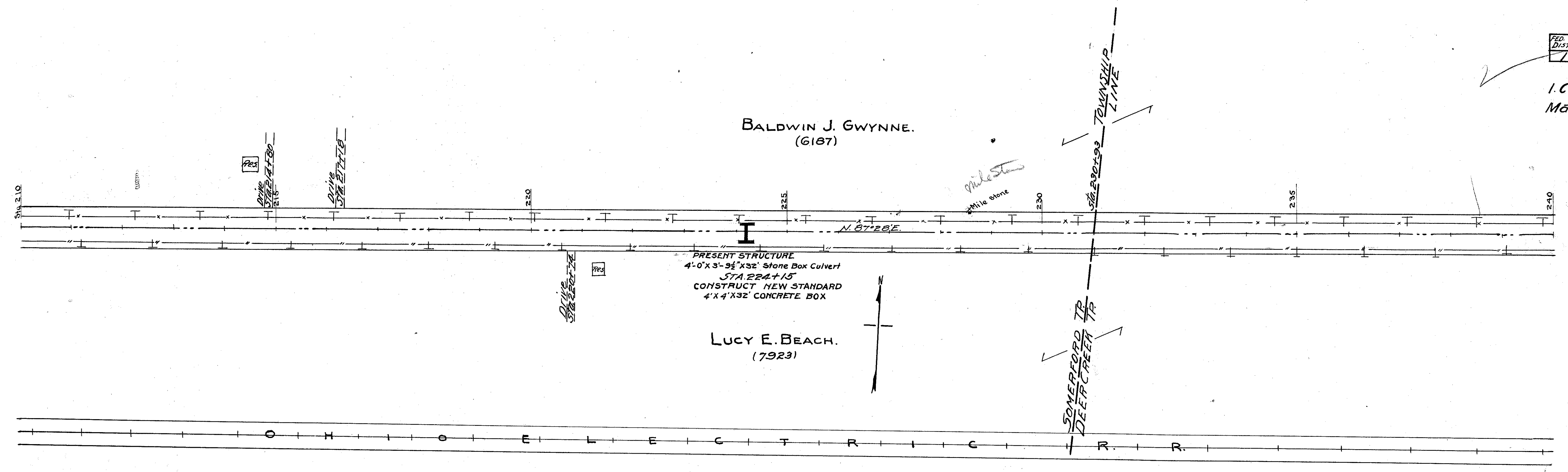
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FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR
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270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300

8  
13

FED. ROAD DIST. NO.	STATE	FED AID PROJ. NO.	FISCAL YEAR.
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I. C. H. No. 1. SEC. D. 2  
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EDMINSTON GWYNNE  
(4928)

HELEN WILSON  
(1363)

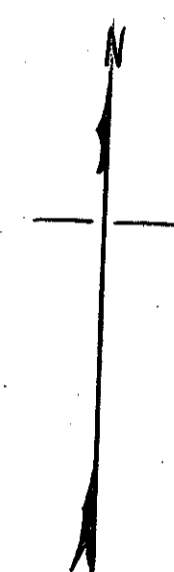
LUCY E. BEACH.  
(3563)

PLATS  
578 280-75

FARM LINE  
578 280-63

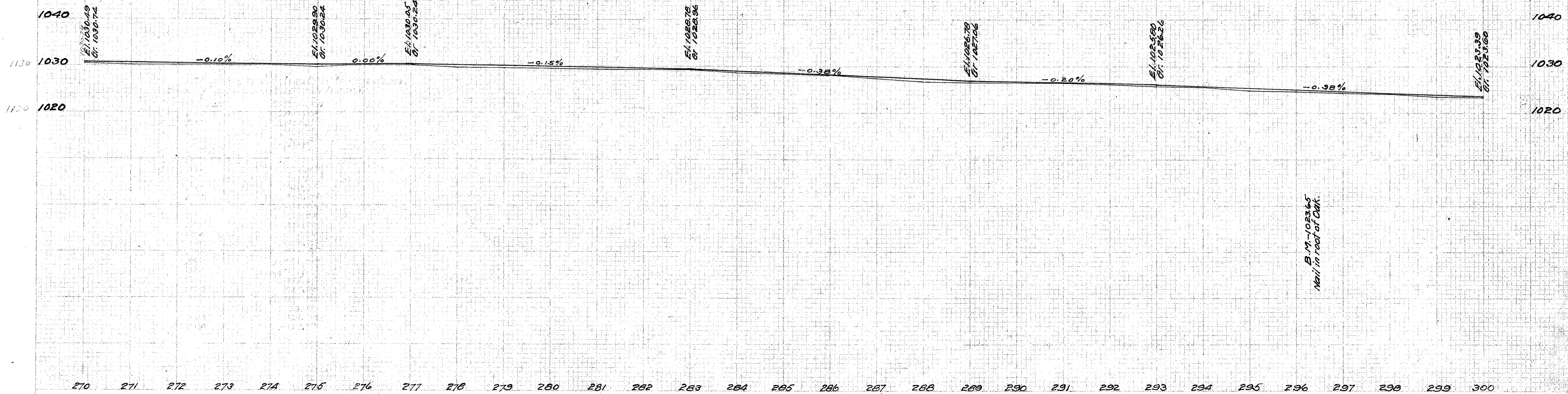
Mile Stone  
Mile Stone

N. 87° 23' E



Open Drain

O H I O E L E C T R I C R R.



270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300



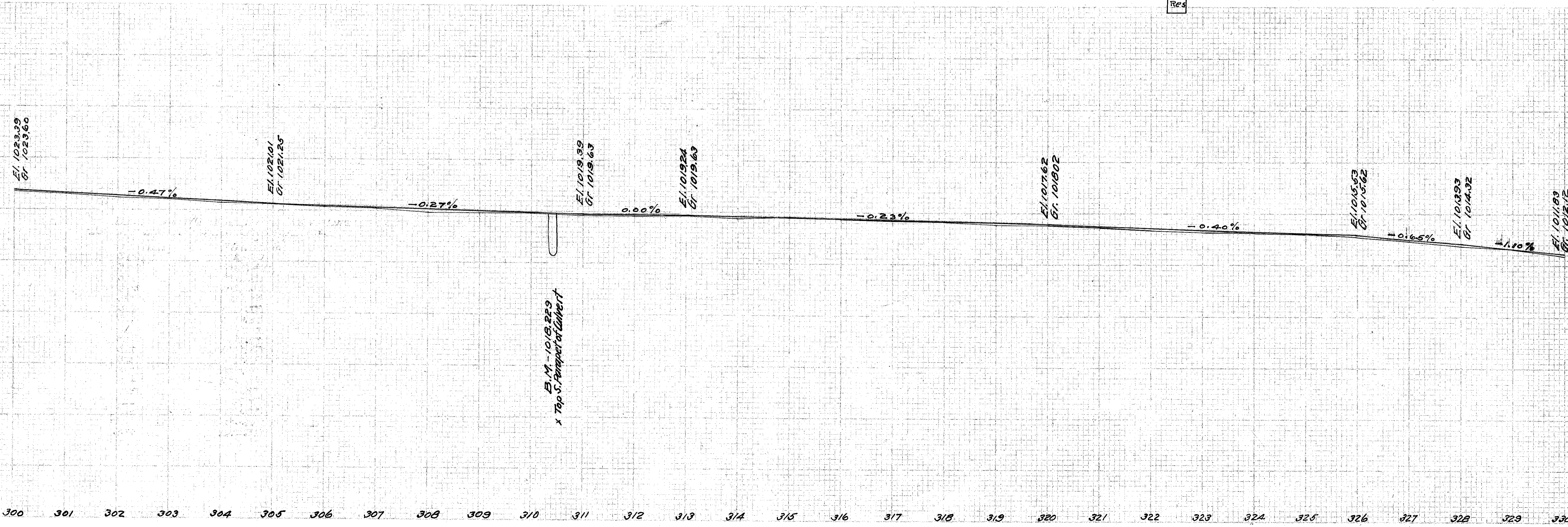
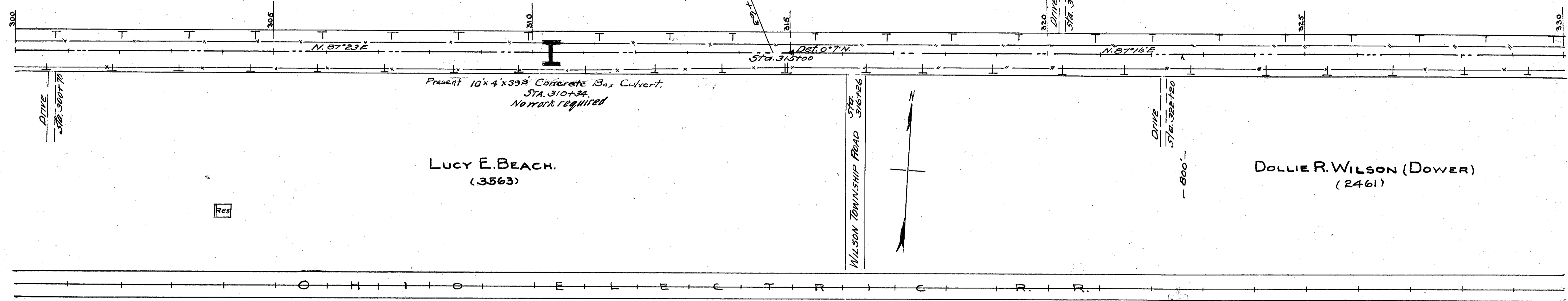
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EDMINSTON GWYNNE.  
(6928)

EMELINE W. RICHMOND.  
(3646)

I.C.H. No. 1. SEC. D.  
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300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330

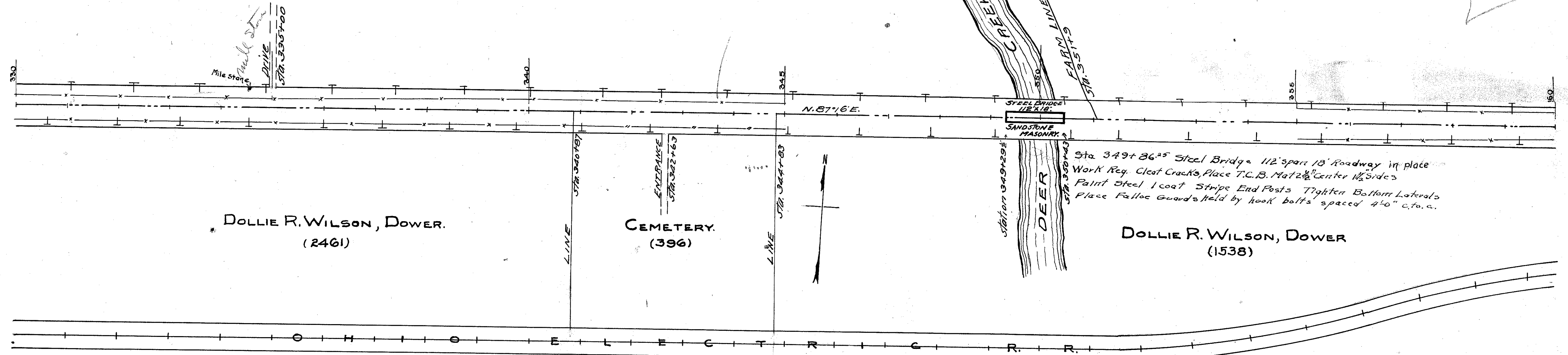


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EMELINE W. RICHMOND.  
(3646)

HERBERT H. & PEARL HARPER.  
(987)

I. C. H. No. 1. Sec. D.  
Madison County

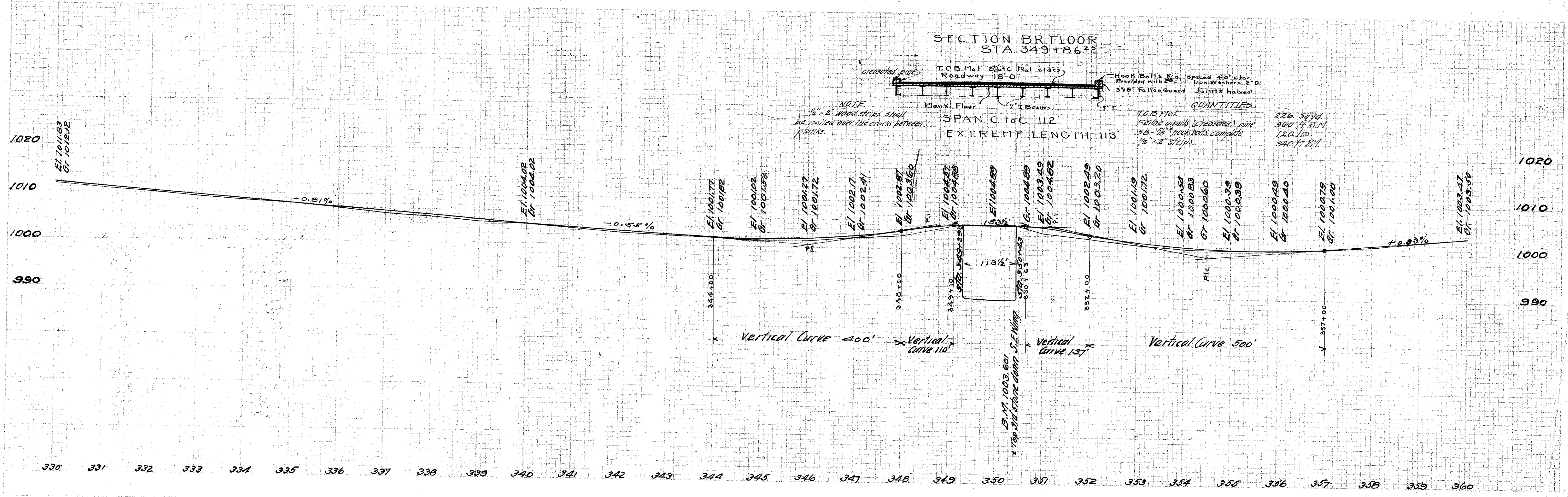


Sta 349+86.25 Steel Bridge 112' span 18' Roadway in place  
Work Req. Cleat Cracks, Place T.C.B. Mat 2 1/2" Center 1/2 Sides  
Paint Steel 1 coat Stripe End Posts Tighten Bottom Lateral  
Place Falloe Guard's held by hook bolts spaced 4'-0" c.to.c.

DOLLIE R. WILSON, DOWER.  
(2461)

CEMETERY.  
(396)

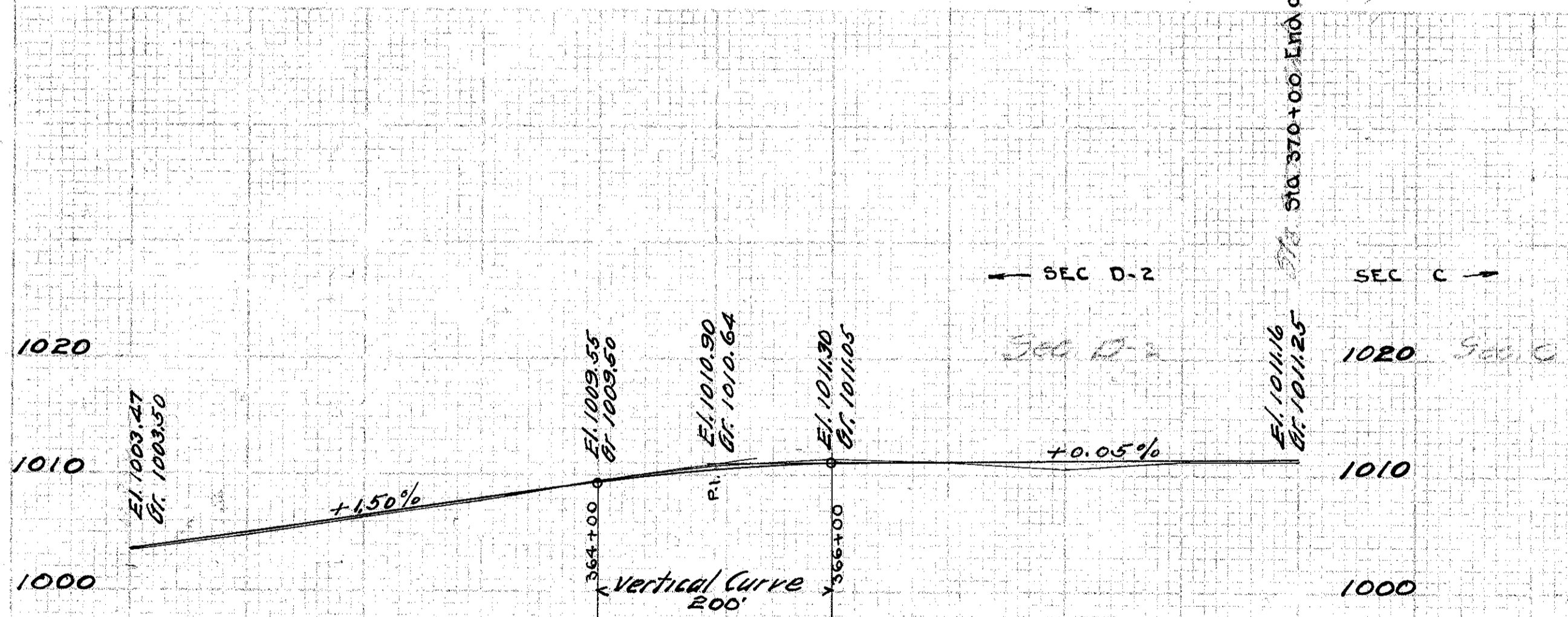
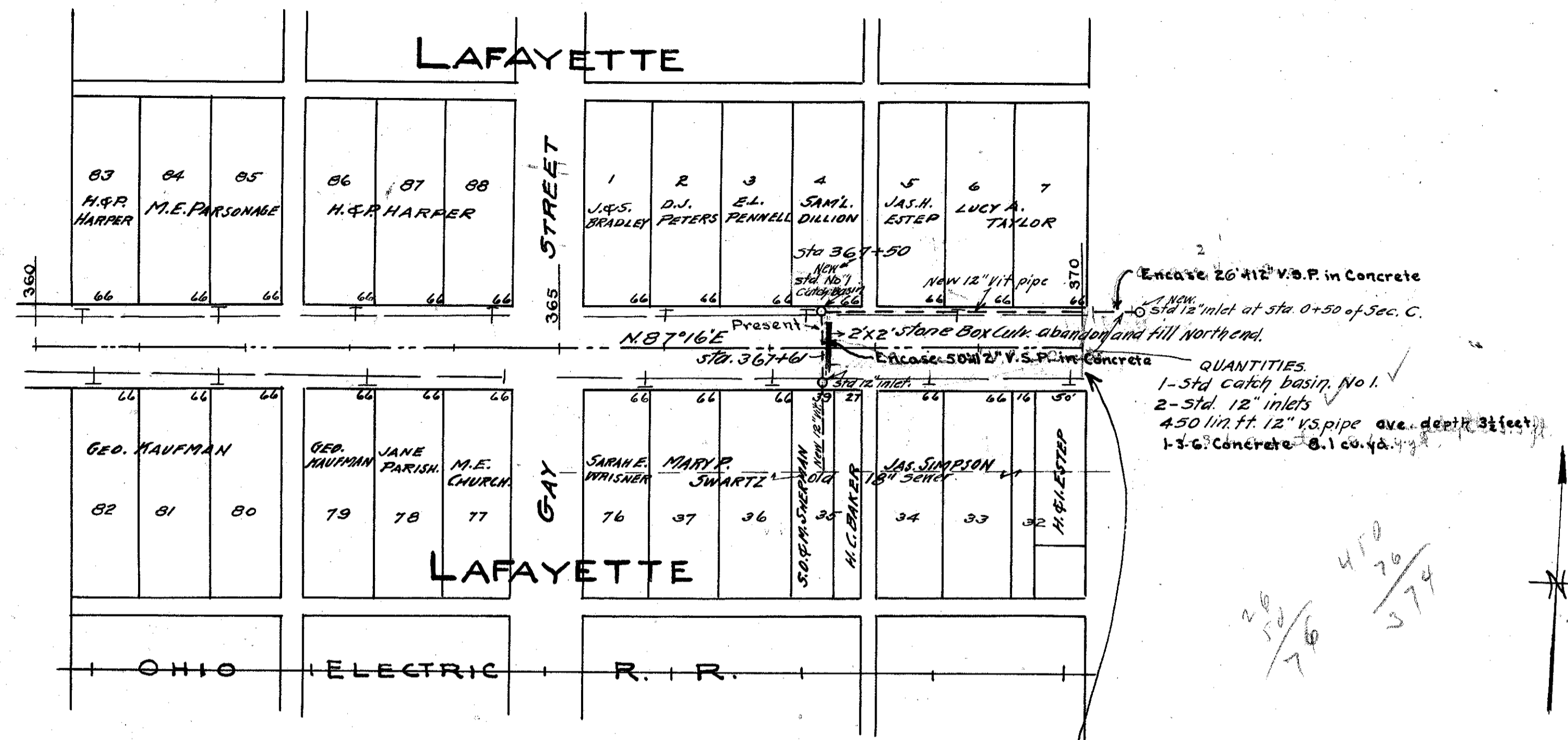
DOLLIE R. WILSON, DOWER  
(1538)





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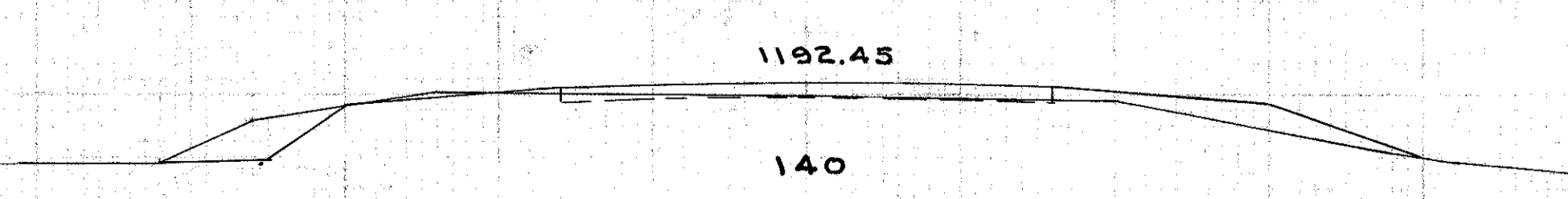
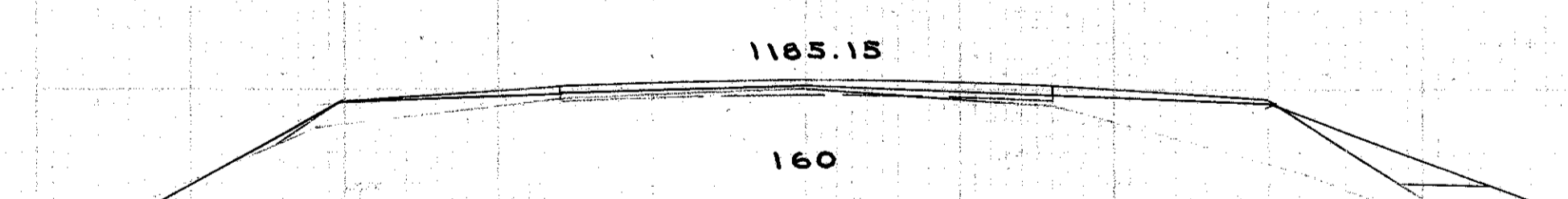
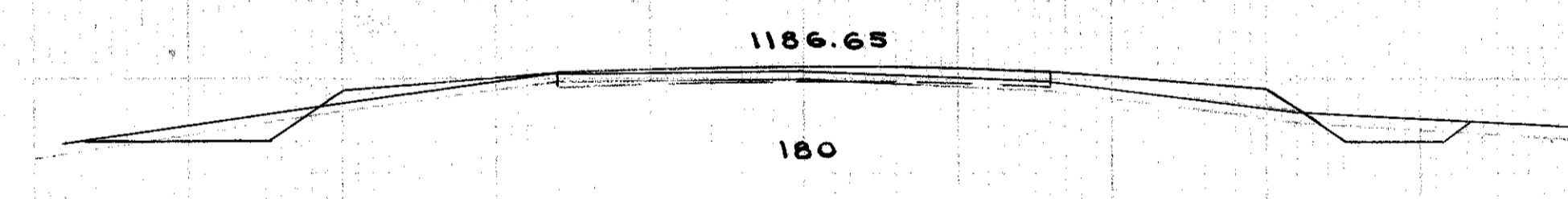
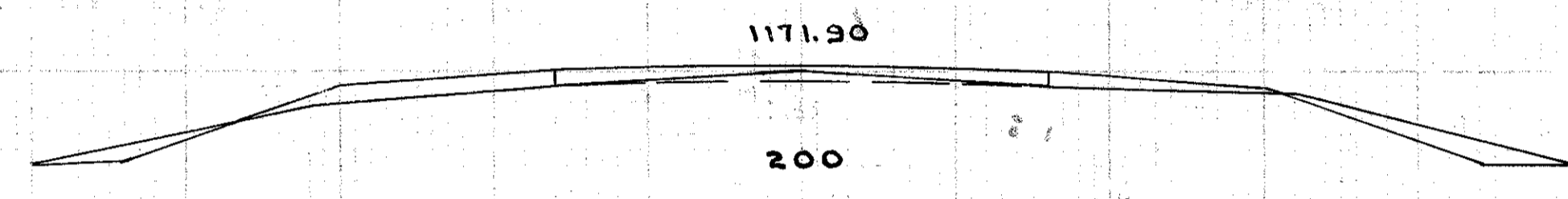
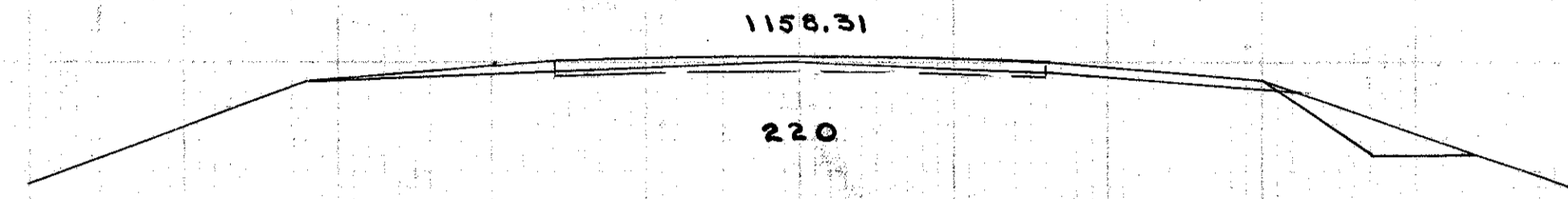
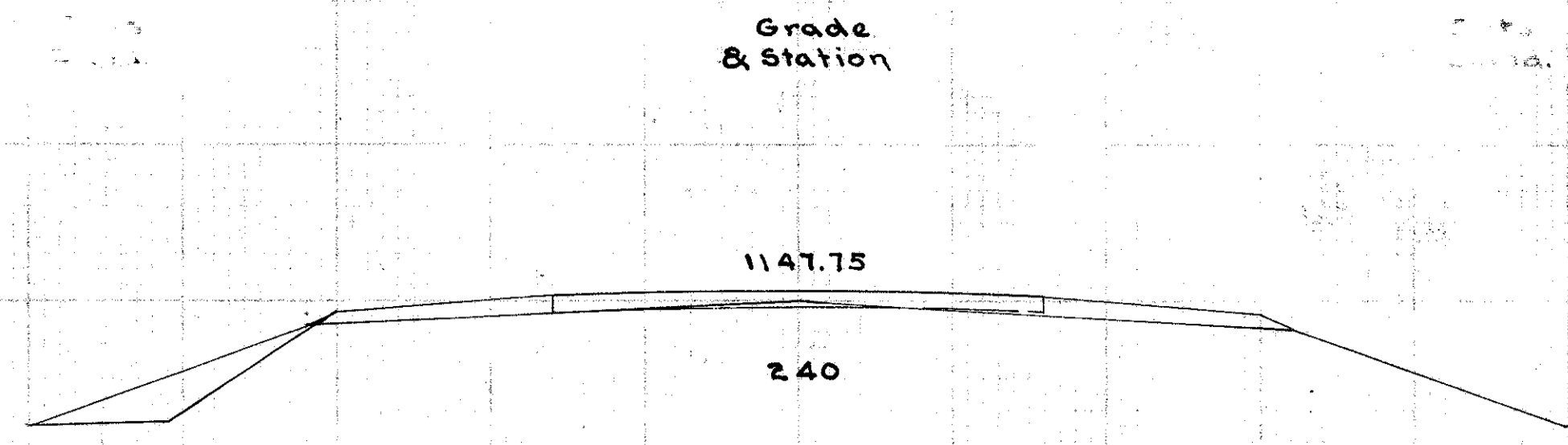
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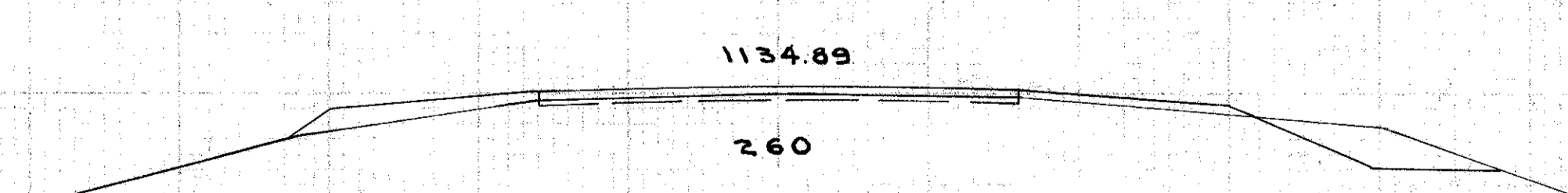
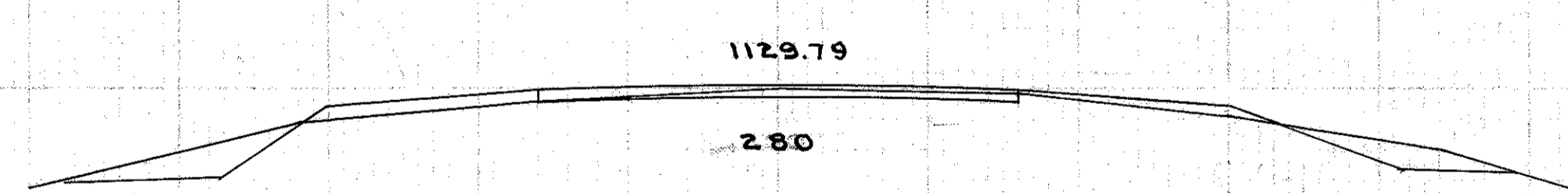
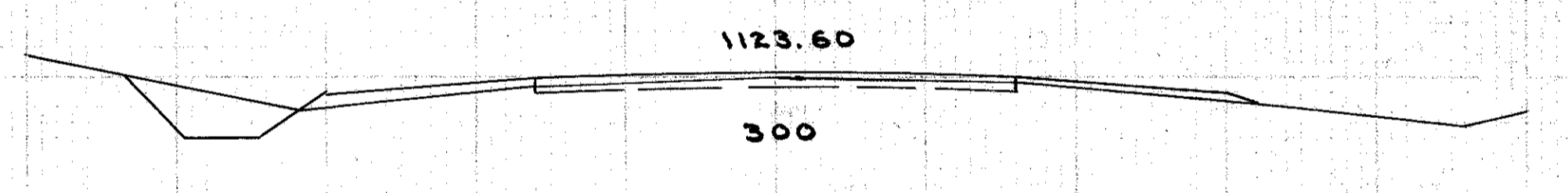
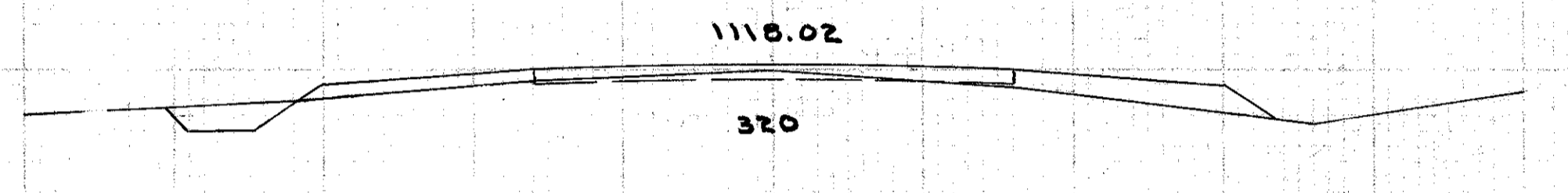
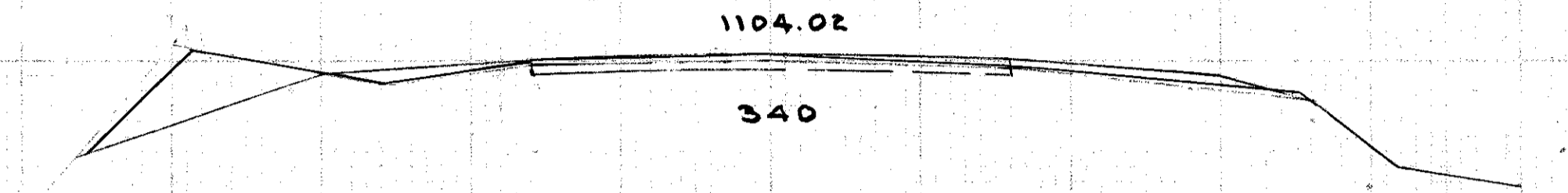
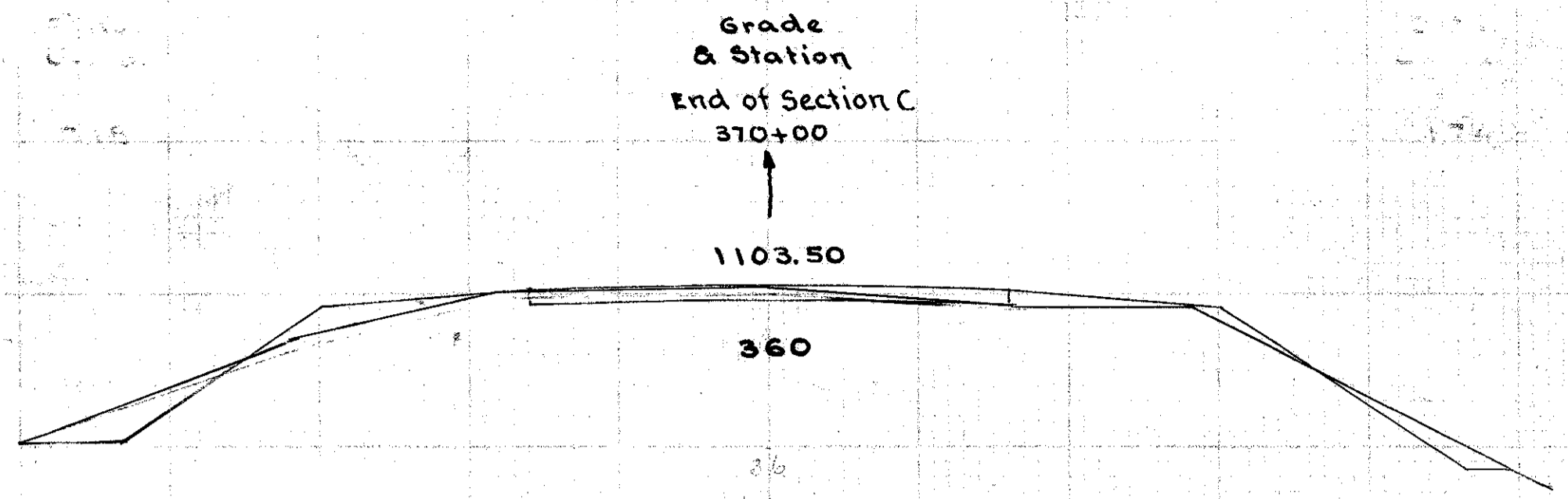
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I.C.H. No. 1 Sec. D-2  
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Beginning of Section C  
150+50

Note: Elevations given are to be raised  $\frac{1}{2}$ " to provide for 3" base course  
Dirt for berms to be taken from ditches.





REFER TO SHEET	SUMMARY OF QUANTITIES												
	STRUCTURES UNDER 20 FT.												
	STATION	TYPE	SIZE	EXCAV. CU. YD.	CU. YD. CONCRETE			STEEL LBS.	12" V. PIPE NEW	CATCH BASIN STD. NO. 1	12" INLET STD.	MASONRY REPOINT SQ. YD.	REMARKS
				1:2:4	1:2½:5	1:3:6							
3	145 + 90	Slab Top Ext. <sup>Std</sup>	3x3' H=3'-6"	15.0	1.3	9.7	80					20	Remove top of old parapet walls
4	166 + 41	Slab Top <sup>Std</sup>	5x6' H=5'	16.0	2.1	10.7	161					12	Extend S. end. Remove top of old S. parapet.
5	195 + 57	Stone Box <sup>Std</sup>	5x3' H=2'-6"		0.1							18	Fill hole at N.E. corner.
6	224 + 15	Re. Conc. Box <sup>STD</sup>	4' x 4' x 32'	32.0	22.1		950						Remove old Culvert & Build New
11	367 + 50	V. Pipe Drain	12"	100			8.1	450 lin. ft.	1		2		Lay 450" Pipe. Encase at Road crossings
11	367 + 61	Stone Slab	2'-6" Span	1.0									Abandon Culvert Fill North End
		TOTAL QUANTITY		164.0	25.6	20.4	8.1	1191	450 lin. ft.	1	2	50	
STRUCTURES OVER 20 FT.													
STATION	TYPE	SIZE	T.C.B. MAT SQ. YD.	Hook Bolts Complete	3x6' Felloe Guards	2x2" Strips	Paint Steel One Coat	Stripe End Posts	Tighten Bol. Laterals				REMARKS
10	349 + 86 <sup>LS</sup>	STEEL TRUSS	18' Roadway 113' Extreme Length	226	120 lbs.	360 FT. BM	340 FT. BM	Paint Steel One Coat	Stripe End Posts	Tighten Bol. Laterals			Clean Cracks in Old Floor Lay New T.C.B. Mat

Note: -  
374 lin. ft. 12" V. P., 2, 12" inlets and 1 No. 1 Catch Basin included in estimate under Roadway