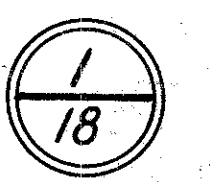


2047

STATE OF OHIO
 DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
 DIVISION OF HIGHWAYS
 BUREAU OF CONSTRUCTION

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1924

I.C.H. 299 - SEC. B & LIBERTY
 HENRY COUNTY
 18.43



INDEX

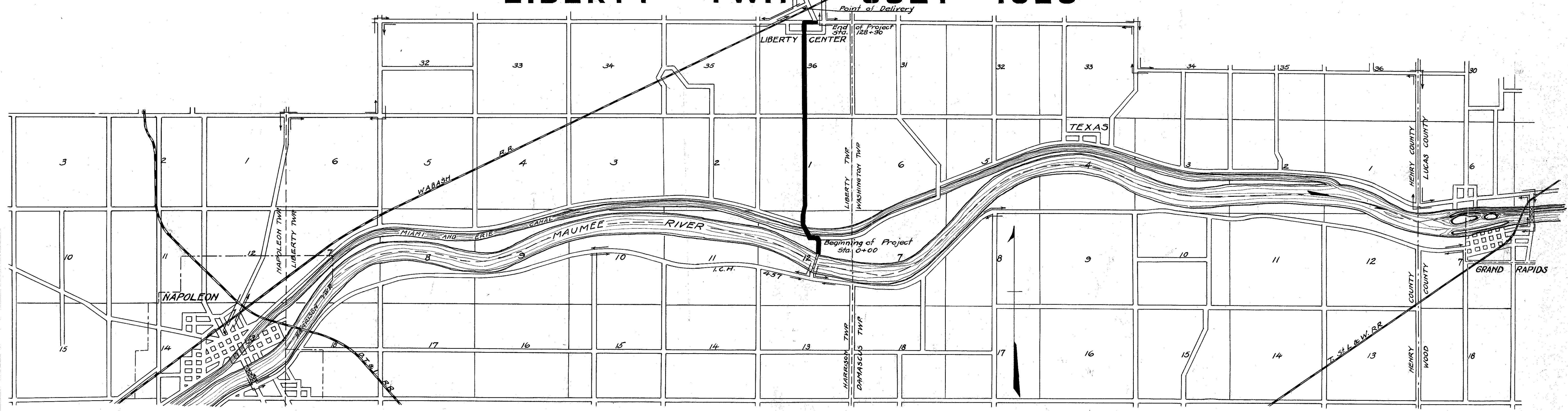
Title Page	p. 1.
Typical Cross Sections	p. 2.
Plans and Profiles	p. 3-7.
Cross Sections	p. 8-12.
Structural Plans	p. 13-17.
Summary Sheet	p. 18.

LIBERTY - ADRIAN ROAD
 I.C.H. No. 299. SEC. B. AND LIBERTY PET. No. 4571
HENRY COUNTY
 LIBERTY TWP. JULY 1923

SCALES

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

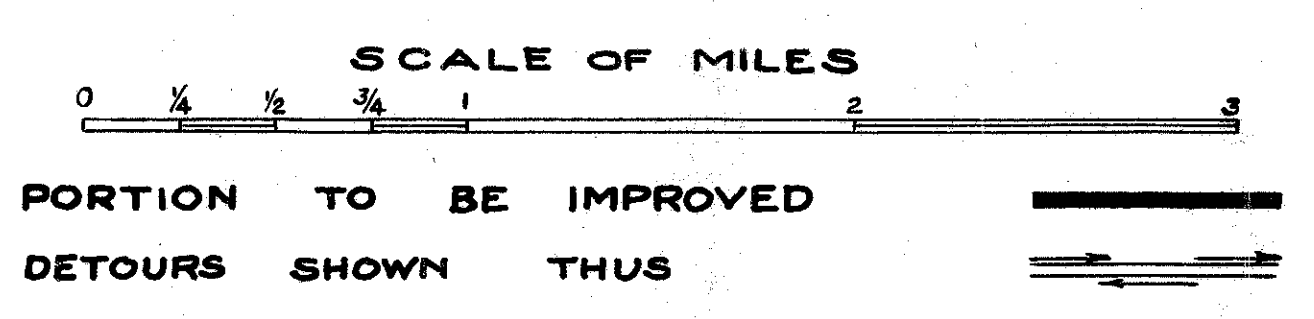
The Standard Specifications of the State of Highway Department of Ohio in force on date of contract will govern this improvement.



CONVENTIONAL SIGNS

State line	-----
County line	-----
Township line	-----
Section line	-----
Property line not fenced	-----
Center line	-----
City or village line	-----
Fence	x-x-x-x-x
Telephone or Telegraph	>>>>>>
Steam railroad	-----
Electric line	-----
Guard Rail	-----

LOCATION PLAN



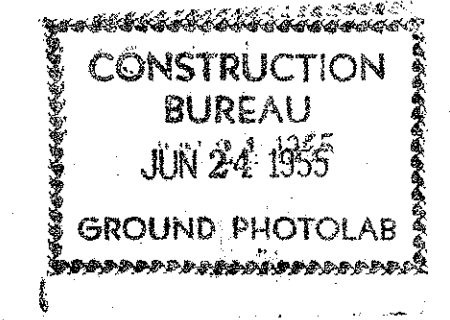
We, the Commissioners of Henry County hereby approve these plans and certify that the right-of-way 50 feet wide is available for the construction, maintenance and repair of the above highway.

A. B. Jennings
Grant Beam
Charles Wahl
 County Commissioners.

Date, *June 11 1924*

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that detours will be provided as shown on the plan and estimates.

Approved: *J. H. Hansen*
 Date, *June 11 1924* Resident Engineer.
 Approved: *W. L. Johnson*
 Date, *7/7* 1924 Division Engineer.
 Approved: *A. F. Williams*
 Date, *7/22* 1924 State Highway Engineer.
 Approved: *Laboulay*
 Date, *7/22* 1924, Director of Highways & Public Works

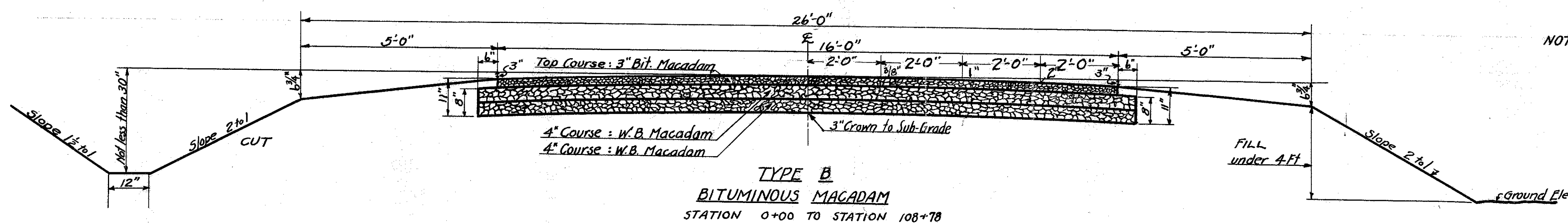
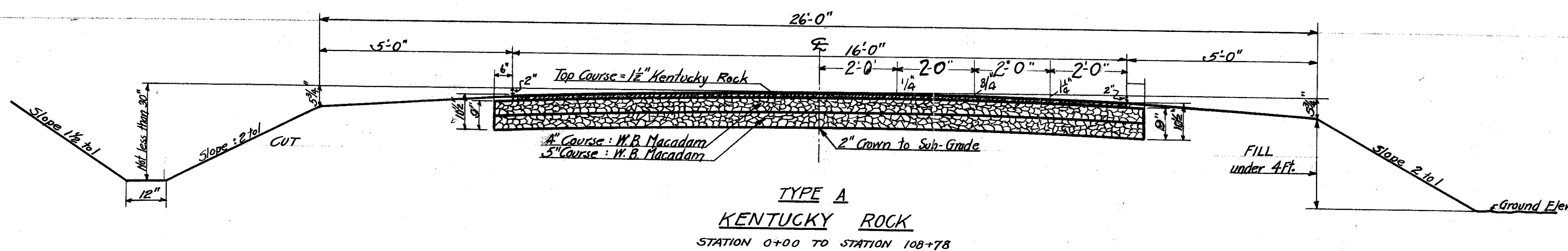
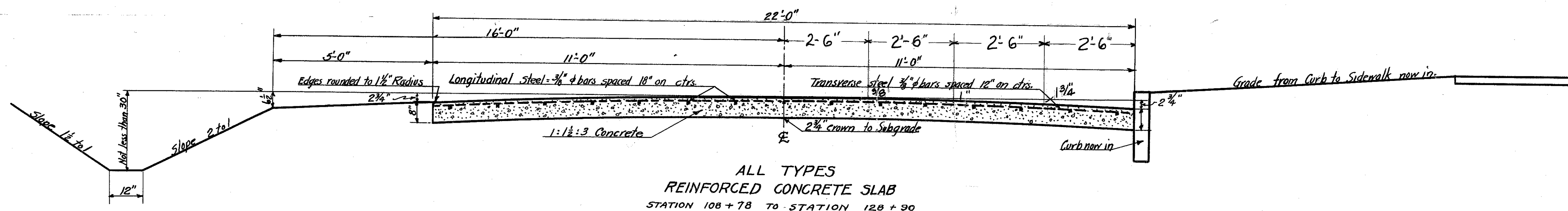


12 HENRY 299 B+LIBERTY
 1922

Hose

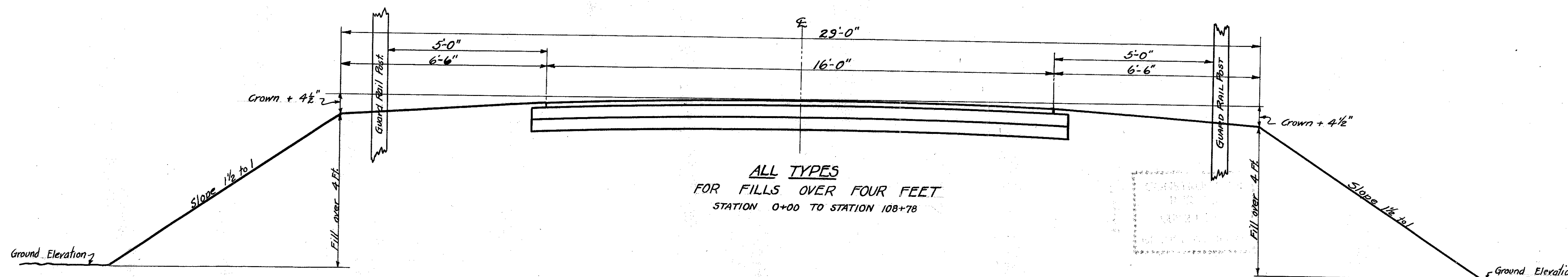
FED. ROAD DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1924

I.G.H. 293 - SEC. B. & LIBERTY
HENRY CO. OHIO



NOTE: Excavated Quantities calculated for 16 Ft. Pavement, 8 inches thick. Extra Excavation for types shown as follows:
Type A + B: 10693 lin. ft. in cut.
1,466 cu. ft. extra excavation per lin. ft.
15,676 cu. ft. or 580 cu. yd. Extra.

TYPICAL CROSS-SECTIONS FOR ALTERNATE TYPES OF PAVEMENT



I.C.H. 299-SEC. B & LIBERTY HENRY COUNTY

Left		Right	
Edge of Pav.	Width Station	Grade Elev.	Width Edge of Pav.
659.89	8.00	1+76	660.05 8.00 659.89
659.84	9.50	2+00	660.00 8.00 660.44
659.84	12.33	2+26	660.00 8.00 661.12
659.84	14.85	2+50	660.00 8.00 661.28
659.84	16.00	2+76	660.00 8.00 661.35
659.84	16.00	3+00	660.00 8.00 661.35
659.84	16.00	3+25	660.00 8.00 661.35
659.84	16.00	4+00	660.00 8.00 661.35
659.84	16.00	4+25	660.00 8.00 661.35
659.84	16.00	4+70	660.05 8.00 661.22
660.02	14.80	5+00	660.15 8.00 660.65
660.30	12.33	5+20	660.30 8.00 660.30
257.3	Sq. Yd. Extra Pavement		

Left		Right	
Edge of Pav.	Width Station	Grade Elev.	Width Edge of Pav.
662.84	8.00	0+00	663.00 8.00 662.84
662.54	8.85	0+14.75	662.70 8.00 662.85
662.14	9.90	0+34.75	662.30 8.00 662.86
661.74	9.95	0+54.75	661.90 8.00 662.87
661.34	8.95	0+74.75	661.50 8.00 662.81
661.14	8.00	0+84.75	661.30 8.00 662.83
660.84	8.10	1+00	661.00 8.00 660.30
660.74	8.00	1+04.75	660.90 8.00 660.74
12.1	Sq. Yd. Extra Pavement		

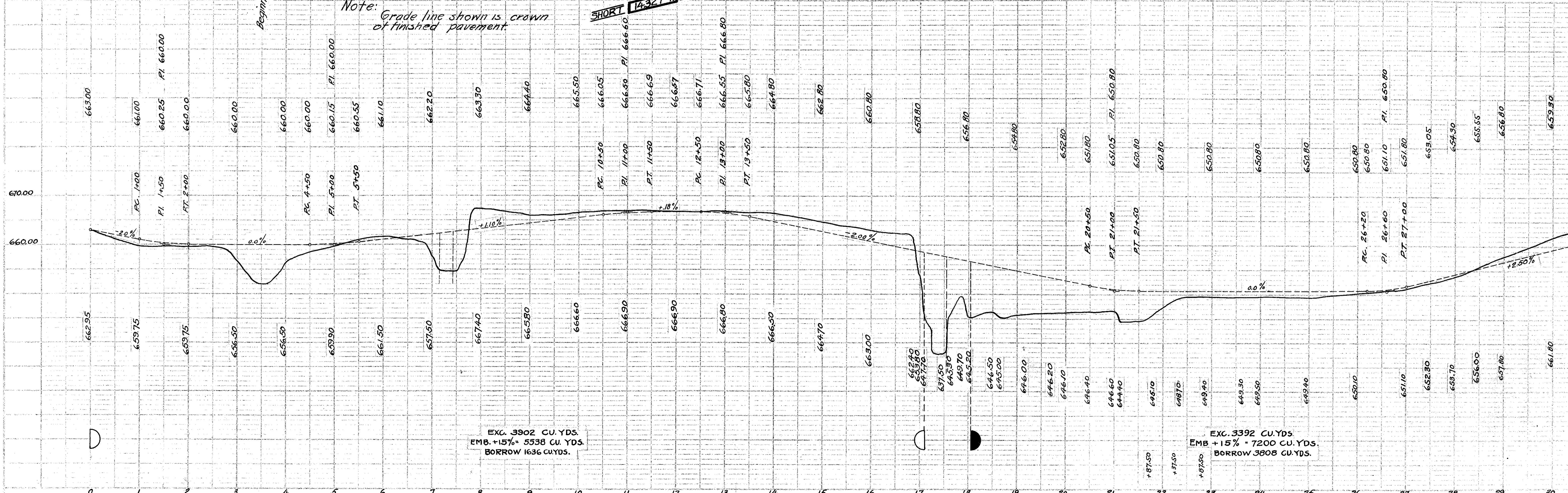
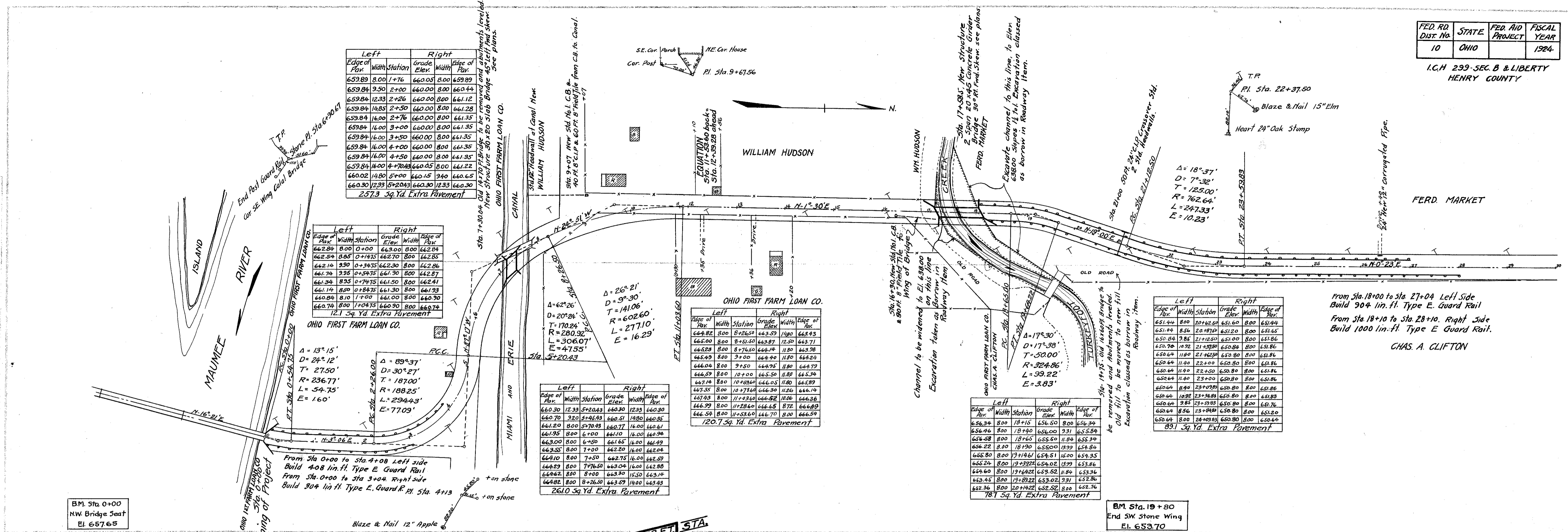
Left		Right	
Edge of Pav.	Width Station	Grade Elev.	Width Edge of Pav.
660.30	12.33	5+20.43	660.30 12.33 660.30
660.70	8.00	5+45.43	660.51 12.80 660.35
661.20	8.00	5+70.43	660.77 16.00 660.61
661.95	8.00	6+00	661.10 16.00 660.74
663.00	8.00	6+25	661.65 16.00 661.49
663.53	8.00	7+00	662.20 16.00 662.24
664.10	8.00	7+25	662.75 16.00 662.57
664.73	8.00	7+50	663.04 16.00 662.80
664.62	8.00	8+00	663.30 15.50 663.14
664.82	8.00	8+25	663.59 14.00 663.43
261.0	Sq. Yd. Extra Pavement		

Left		Right	
Edge of Pav.	Width Station	Grade Elev.	Width Edge of Pav.
666.82	8.00	8+26.50	666.59 12.50 666.43
666.00	8.00	8+51.50	666.87 12.50 666.71
666.29	8.00	8+76.50	666.74 11.80 666.58
666.29	8.00	9+00	666.44 11.80 666.24
666.06	8.00	9+25	666.25 11.80 666.19
666.89	8.00	10+00	666.50 11.80 666.34
667.18	8.00	10+25	666.05 11.80 666.89
667.35	8.00	10+50	666.30 11.20 666.14
667.85	8.00	11+25	666.52 10.80 666.36
666.99	8.00	11+50	666.65 8.70 666.49
666.54	8.00	11+75	666.70 12.00 666.54
120.7	Sq. Yd. Extra Pavement		

Left		Right	
Edge of Pav.	Width Station	Grade Elev.	Width Edge of Pav.
656.34	8.00	18+15	656.50 8.00 656.34
656.46	8.00	18+40	656.00 9.31 655.84
656.58	8.00	18+65	655.50 10.84 655.34
656.22	8.00	18+90	655.00 10.94 654.84
656.80	8.00	19+15	654.51 16.00 654.35
656.24	8.00	19+40	654.02 13.94 653.86
656.60	8.00	19+65	653.52 11.84 653.34
656.45	8.00	19+90	653.02 9.31 652.86
652.36	8.00	20+15	652.52 8.00 652.36
78.1	Sq. Yd. Extra Pavement		

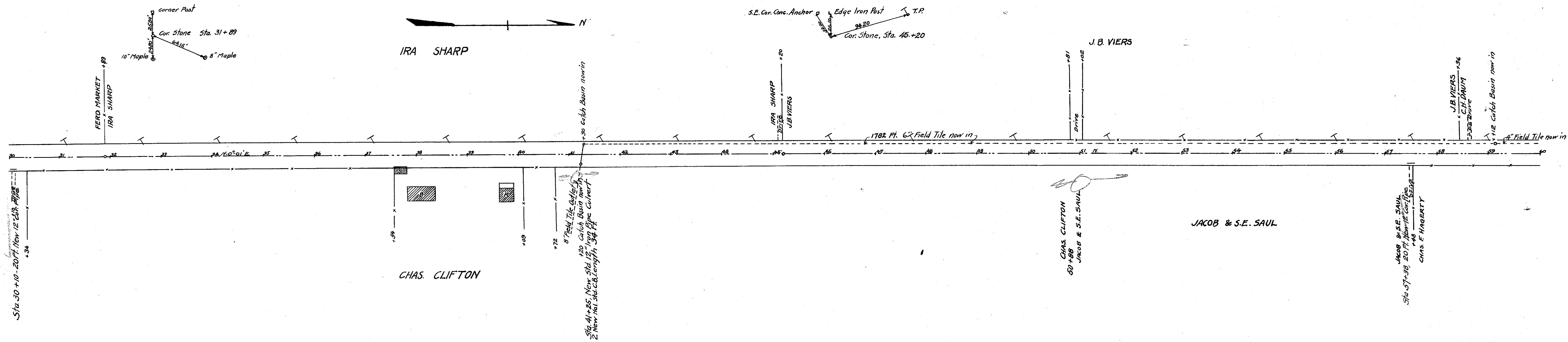
Left		Right	
Edge of Pav.	Width Station	Grade Elev.	Width Edge of Pav.
651.44	8.00	20+42.50	651.60 8.00 651.44
651.84	8.50	20+67.50	651.20 8.00 651.65
650.84	9.85	21+22.50	650.84 8.00 651.86
650.70	10.92	21+47.50	650.84 8.00 651.86
650.64	11.80	21+72.50	650.80 8.00 651.86
650.64	11.40	22+00	650.80 8.00 651.86
650.64	11.40	22+25	650.80 8.00 651.86
650.64	11.40	22+50	650.80 8.00 651.86
650.64	11.40	22+75	650.80 8.00 651.86
650.64	11.40	23+00	650.80 8.00 651.86
650.64	10.92	23+25	650.80 8.00 651.86
650.64	9.85	23+50	650.80 8.00 651.76
650.64	8.56	23+75	650.80 8.00 651.20
650.64	8.00	24+00	650.80 8.00 650.64
89.1	Sq. Yd. Extra Pavement		

From Sta. 18+00 to Sta. 27+04 Left Side
Build 904 lin. ft. Type E. Guard Rail
From Sta. 18+10 to Sta. 28+10. Right Side
Build 1000 lin. ft. Type E. Guard Rail.
CHAS. A. CLIFTON

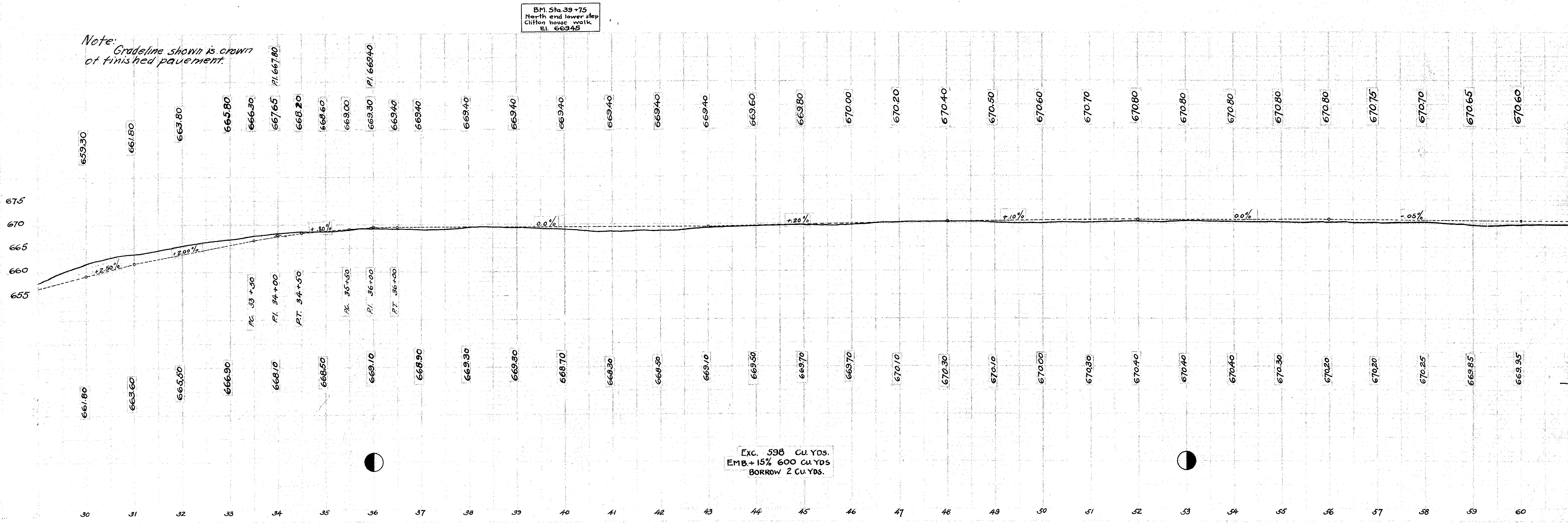


FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1924

I.C.H. 299-SEC. B & LIBERTY
HENRY COUNTY



Note: Gradeline shown is crown of finished pavement.



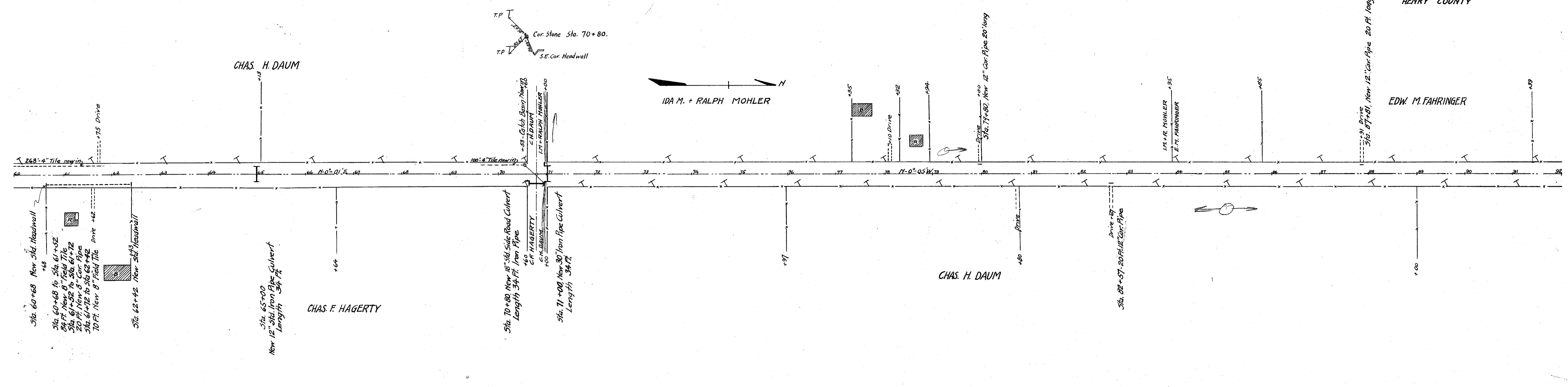
BM. Sta. 39+75
North end lower step
Clifton house walk
E.I. 66945

Exc. 598 Cu. Yds.
Emb. + 15% 600 cu. Yds.
Borrow 2 Cu. Yds.

FED. RD. DIST. No.	STATE	FED AID PROJECT	FISCAL YEAR
10	OHIO		1924

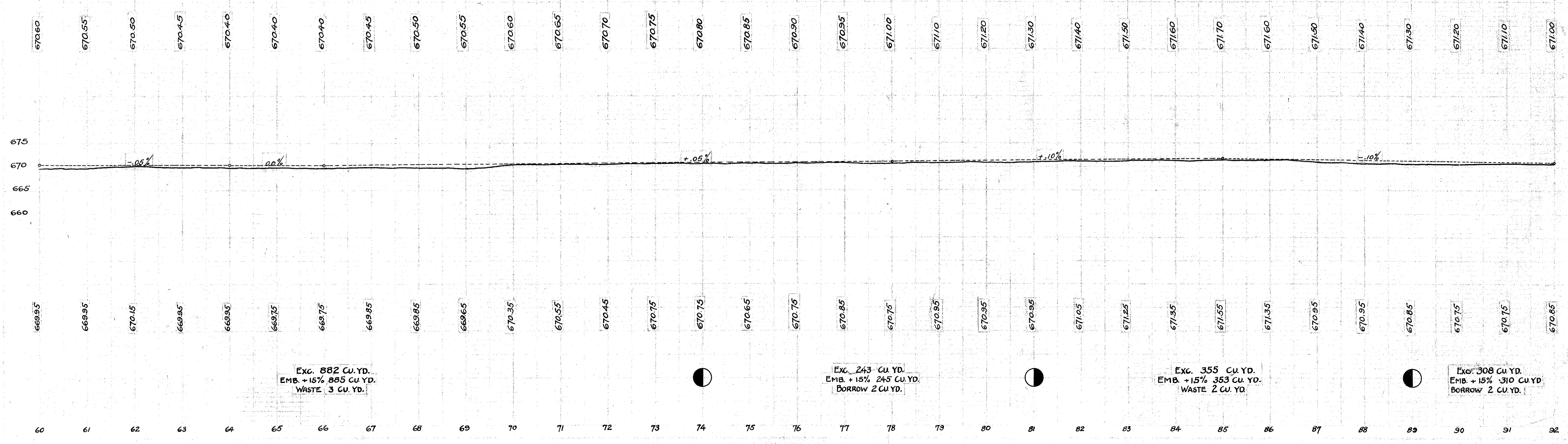
5
18

I.C.H. 239 - SEC. B & LIBERTY
HENRY COUNTY



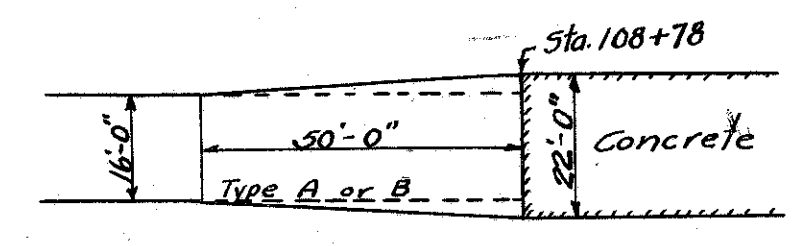
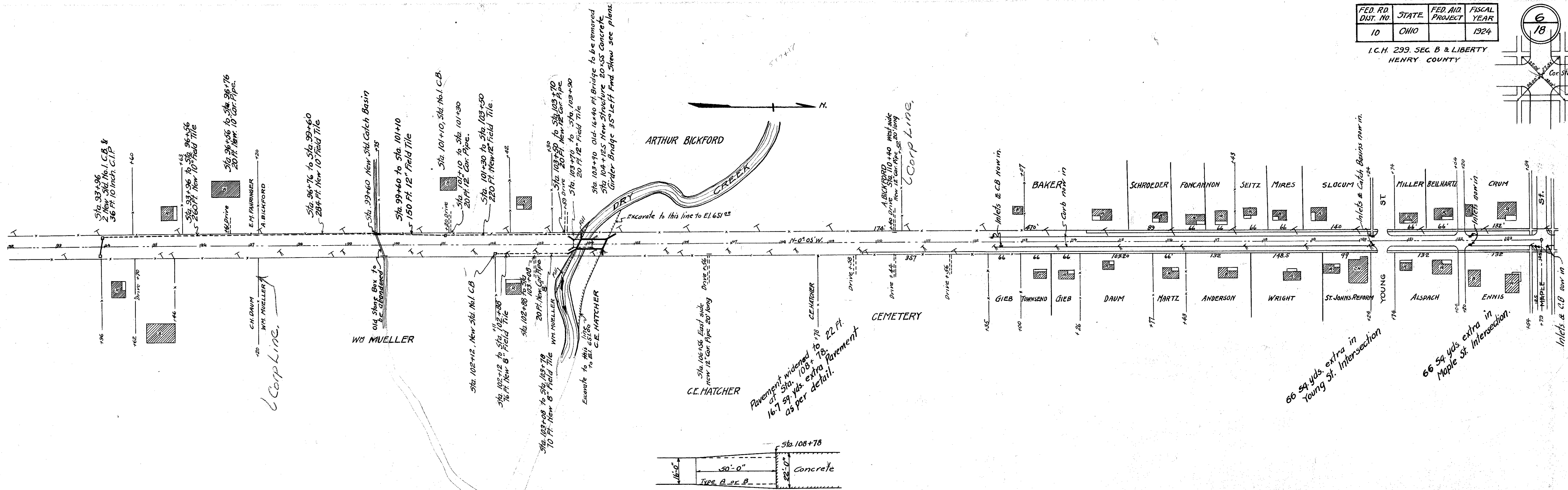
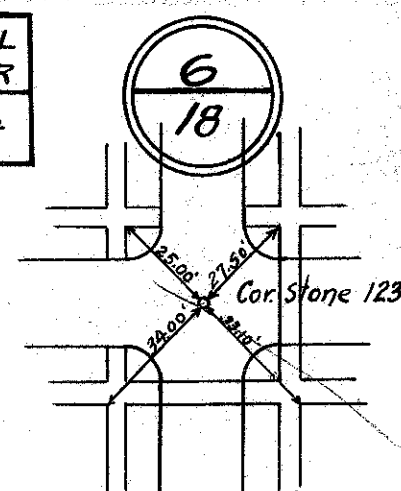
BM. Sta. 71+00
East End Headwall
South side of Road
E.L. 669.35.

Note: Gradeline shown is crown of finished pavement.

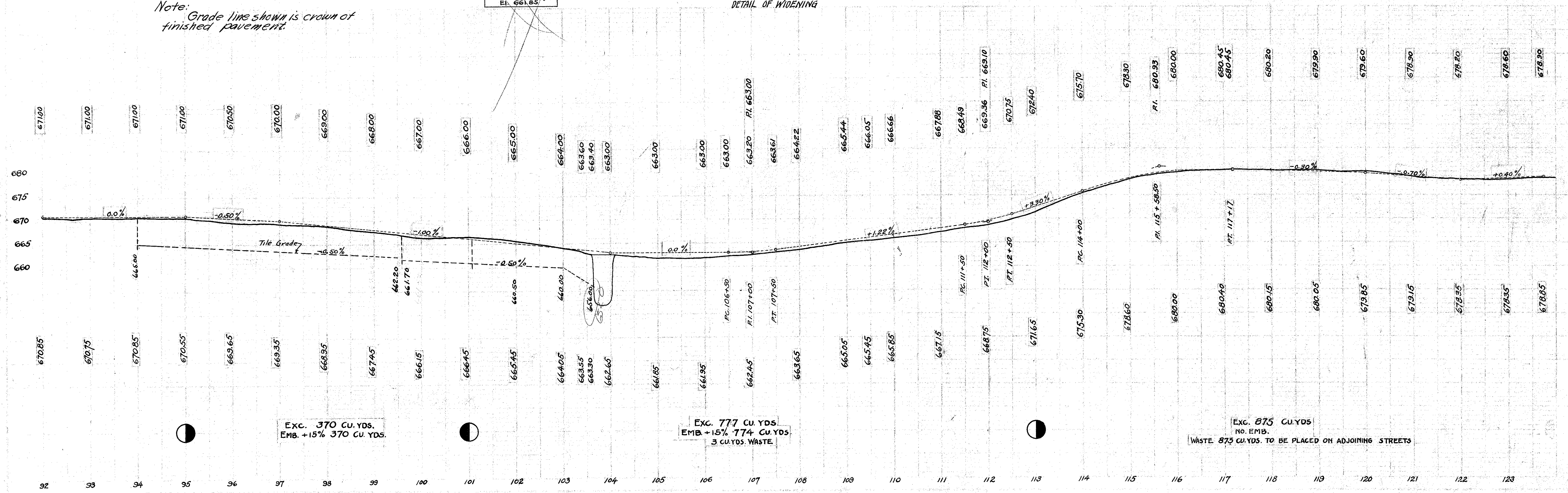


FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1924

I.C.H. 299, SEC. B & LIBERTY
HENRY COUNTY



Note: Grade line shown is crown of finished pavement.



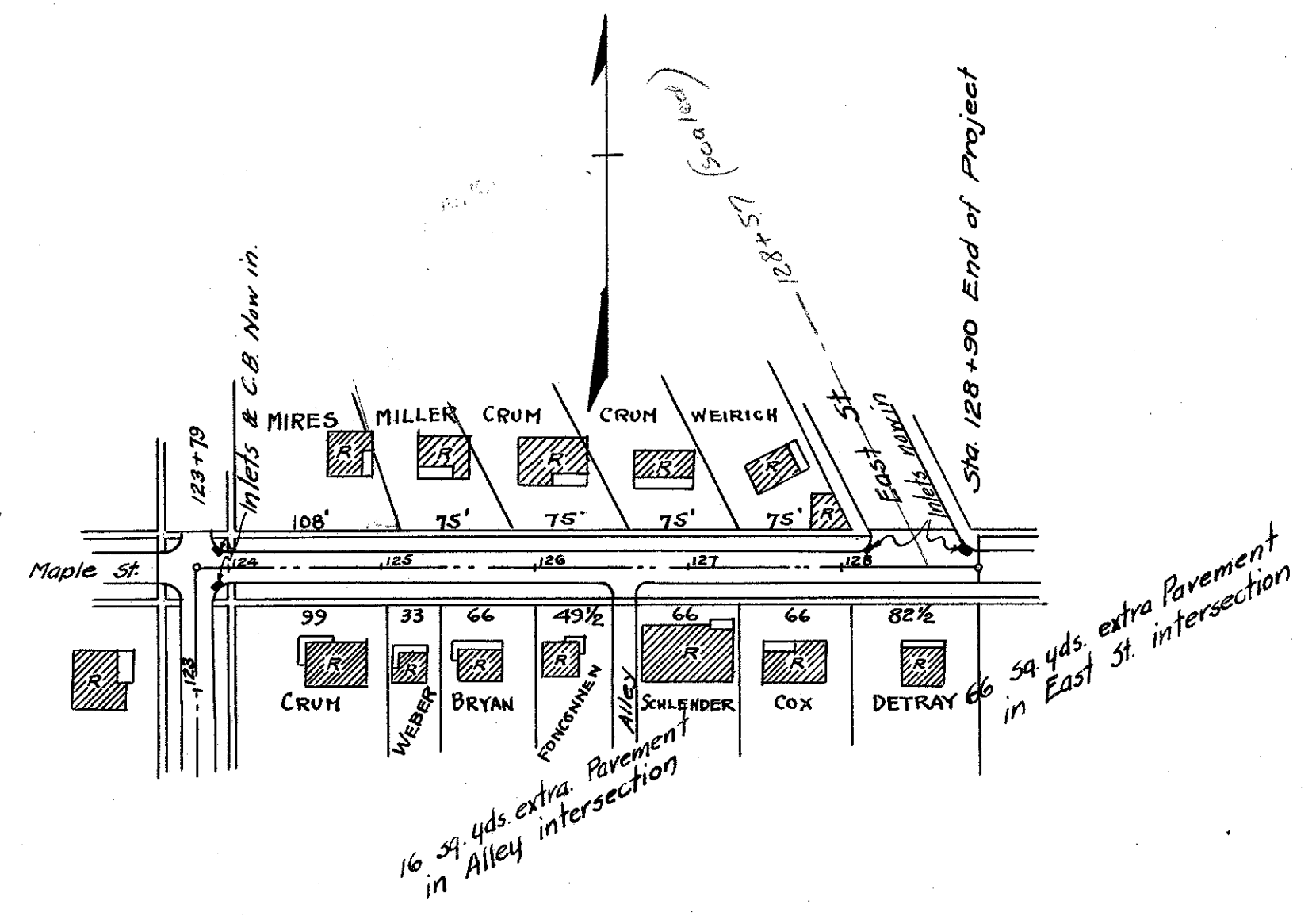
Exc. 370 CU. YDS.
EMB. +15% 370 CU. YDS.

Exc. 777 CU. YDS
EMB. +15% 774 CU. YDS.
3 CU. YDS. WASTE

Exc. 875 CU. YDS
NO. EMB.
WASTE 875 CU. YDS. TO BE PLACED ON ADJOINING STREETS

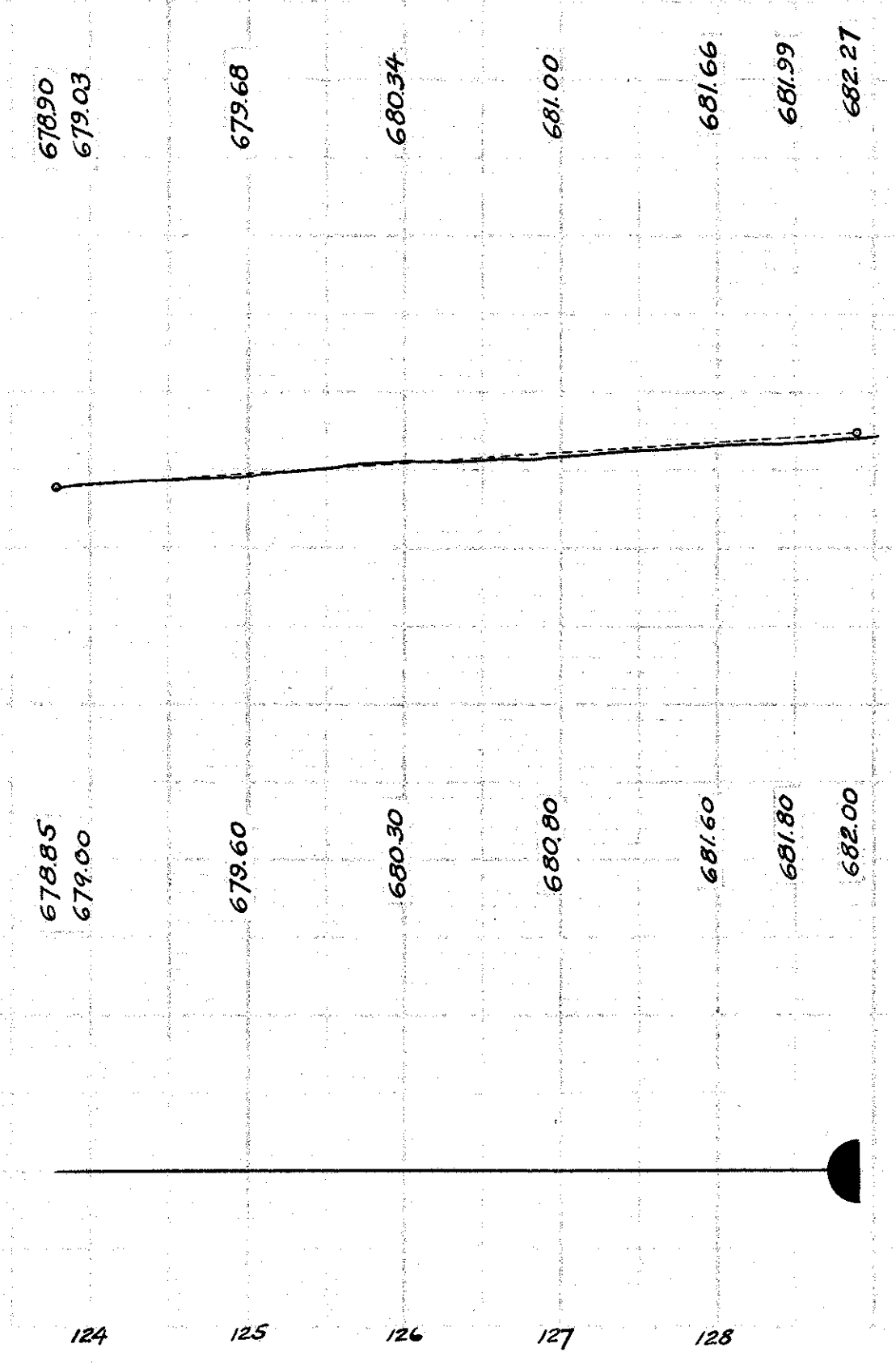
FED. RD. DIST. NO.	STATE	FED. AID. PROJECT	FISCAL YEAR
10	OHIO		1924

I.C.H. 299-SEC B & LIBERTY
HENRY COUNTY



BM Sta. 126+80
Cone. Step of House, North Side
El. 682.05

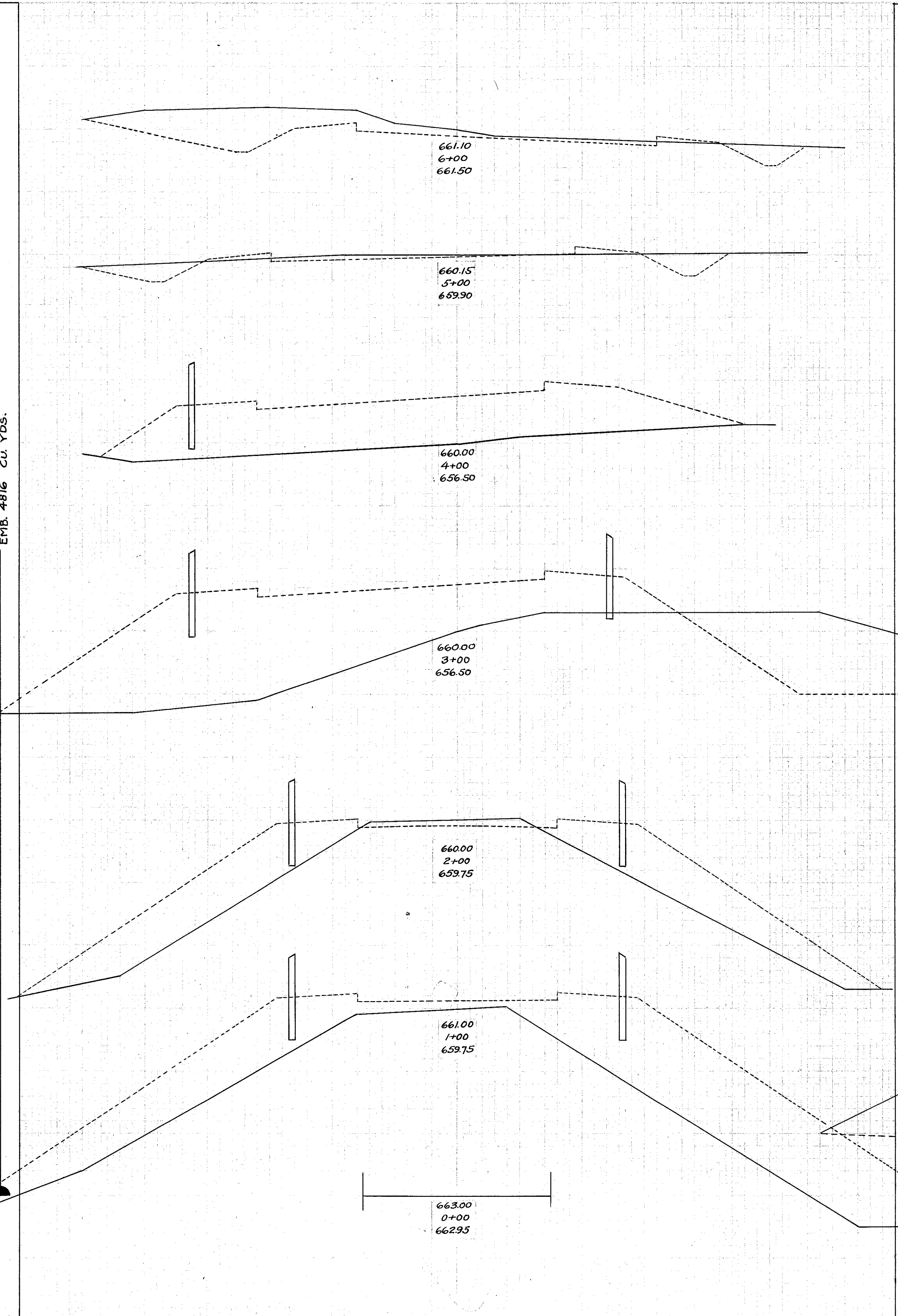
Note: Grade-line shown is crown of finished pavement.



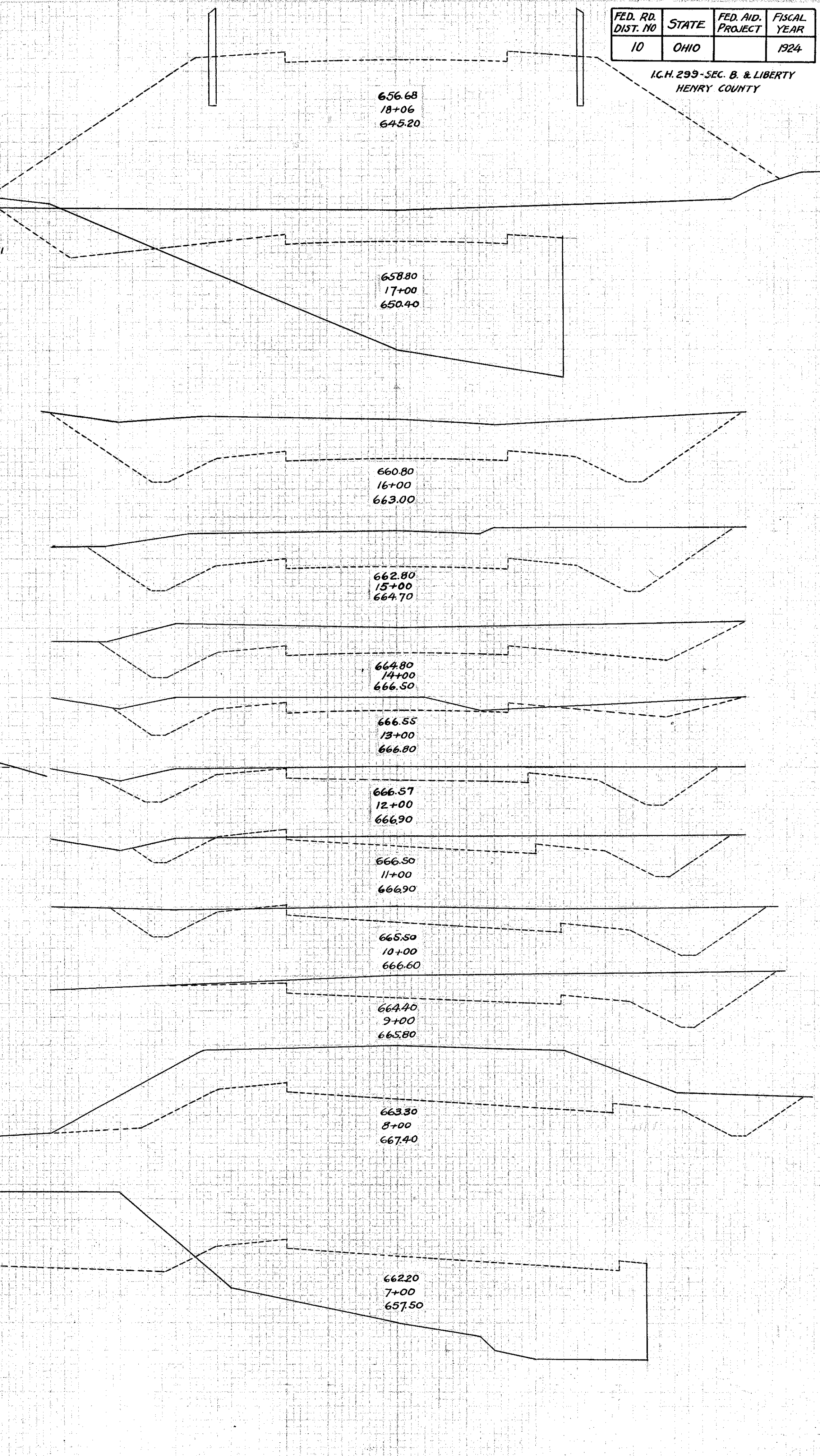
I.C.H. 299 - SEC. B. & LIBERTY
HENRY COUNTY

END AREA		CU. YD.	
CUT	FILL	CUT	FILL
656	16		
		143.7	11.1
22.0	4.4		
		40.7	323.7
0.0	170.4		
		224.5	830.4
121.2	278.0		
		237.8	820.8
7.2	165.2		
		13.3	902.3
0.0	322.0		
		0.0	1192.7

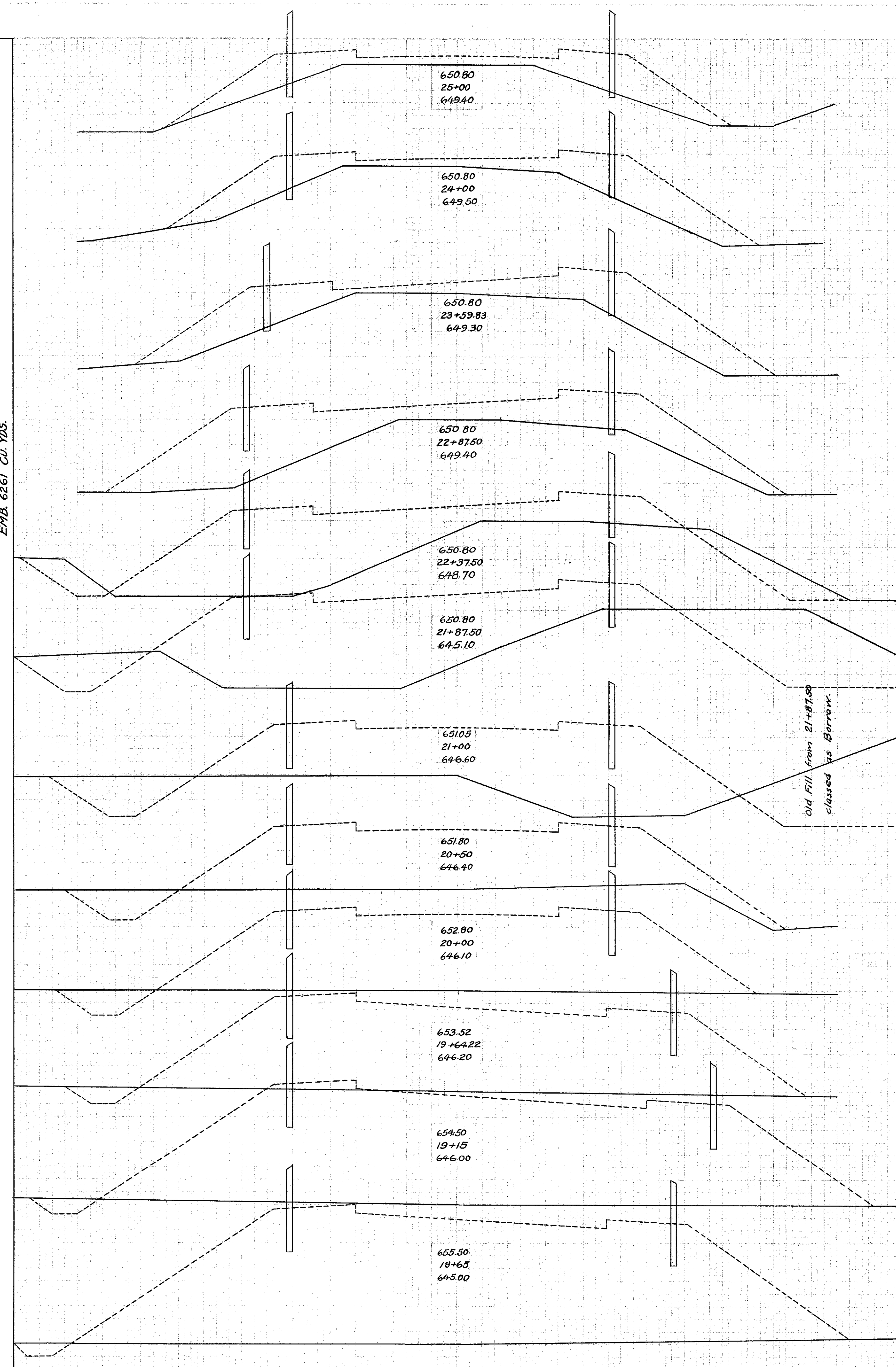
Exc. 3902 CU. YDS.
EMB. 4816 CU. YDS.



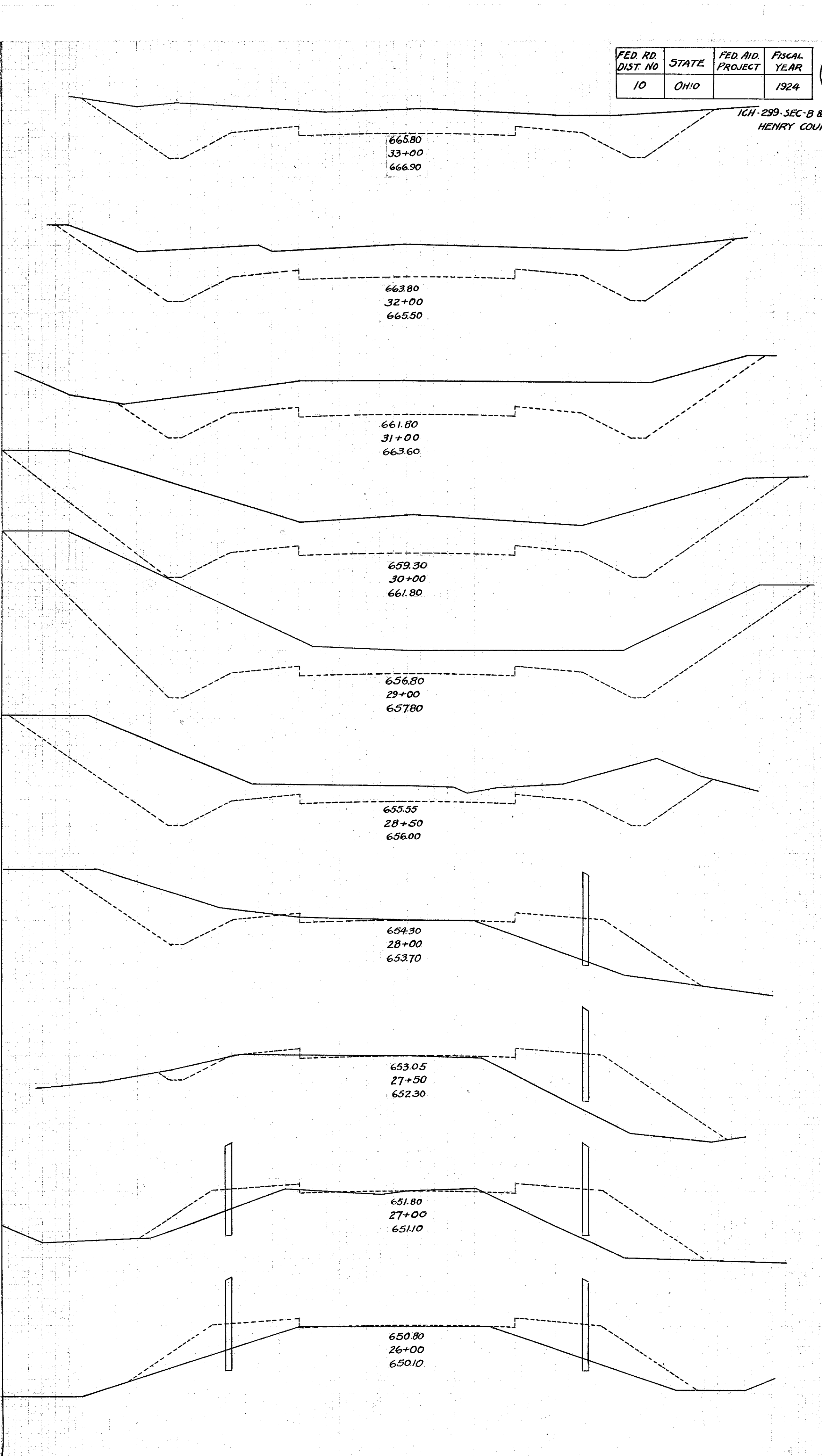
END AREA		CU. YD.	
CUT	FILL	CUT	FILL
0.0	483.2		
21.2	180.4		
		236	2004
		367.0	0.0
1416	0.0		
		447.4	0.0
122.8	0.0		
		400.8	0.0
936	0.0		
		240.8	2.2
36.4	1.2		
		157.0	2.2
48.4	0.0		
		163.0	3.7
39.6	2.0		
		260	0.7
58.4	0.8		
		236.3	1.5
69.2	0.0		
		423.0	0.0
159.2	0.0		
		64.8	111.1
		89.0	102.2
160.0	166.4		
		603.0	311.1



END AREA		CU. YD.	
CUT	FILL	CUT	FILL
0.0	66.6		
		0.0	273.5
0.0	81.2		
		0.0	139.6
0.0	106.4		
		0.0	353.7
0.0	144.4		
		26.3	277.8
28.4	155.6		
		11.44	323.7
2	95.2		
21.2	200.4		
		70.6	637.2
22.4	192.8		
		32.9	345.2
13.2	180.0		
		21.1	390.4
9.6	241.6		
		10.1	346.9
6.0	293.60		
		9.6	667.4
4.4	427.2		
		7.4	835.3
3.6	474.8		
		3.3	1046.8

 Exc. 3392 Cu. Yds.
 F.W.B. 6261 Cu. Yds.

 Old Fill from 21+87.50
 classed as Borrow

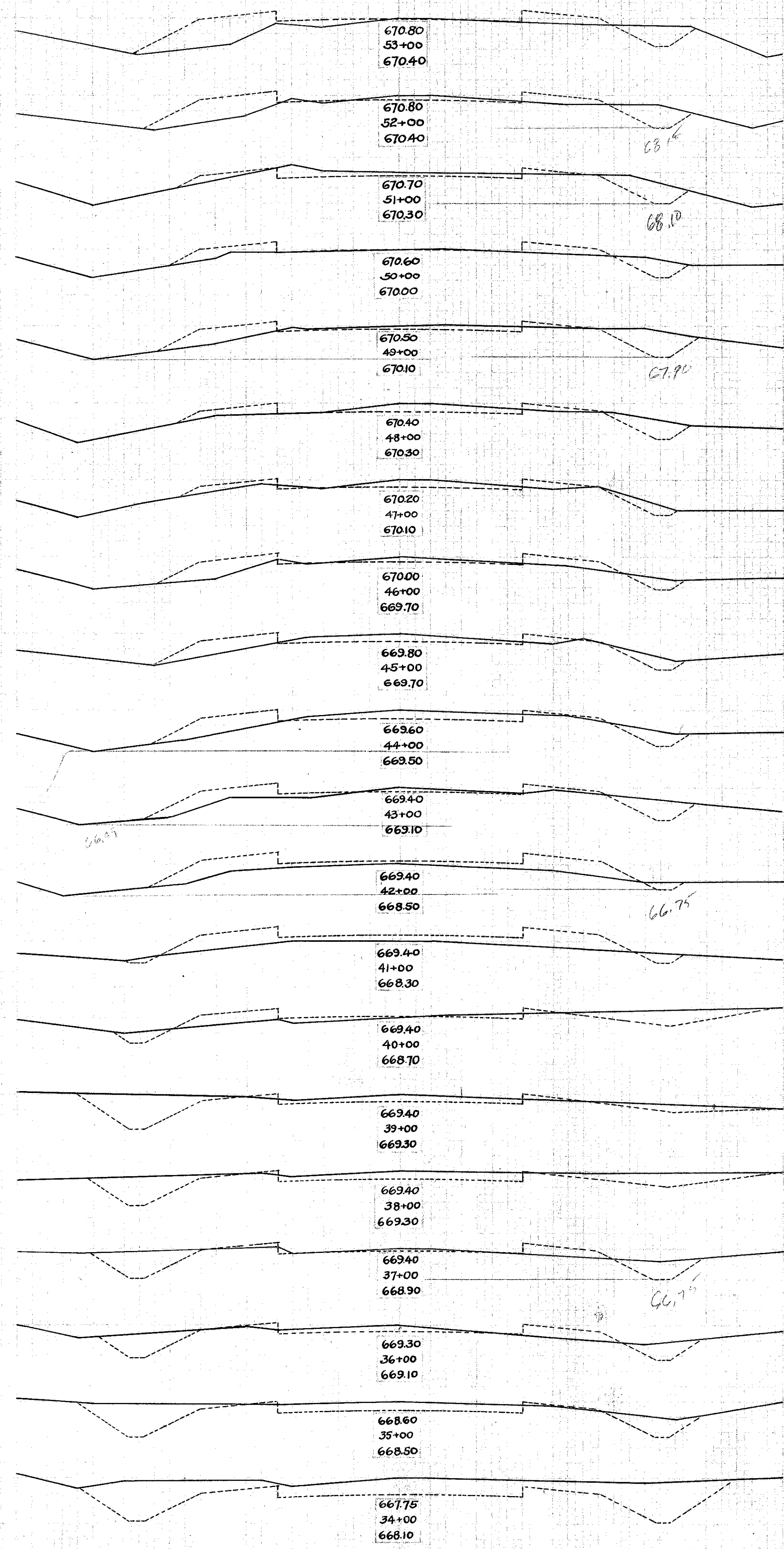
END AREA		CU. YD.	
CUT	FILL	CUT	FILL
90.0	0.0	261.5	0.0
		377.1	0.0
113.6	0.0		
		428.9	0.0
118.0	0.0		
		588.9	0.0
197.6	0.0		
		737.10	0.0
200.4	0.0		
		298.2	0.0
121.6	0.0		
		145.3	31.7
35.3	34.4		
		36.4	81.5
4.0	53.6		
		5.2	98.9
1.6	53.2		
		3.0	180.7
3.0	180.7		
		0.0	205.6



Day

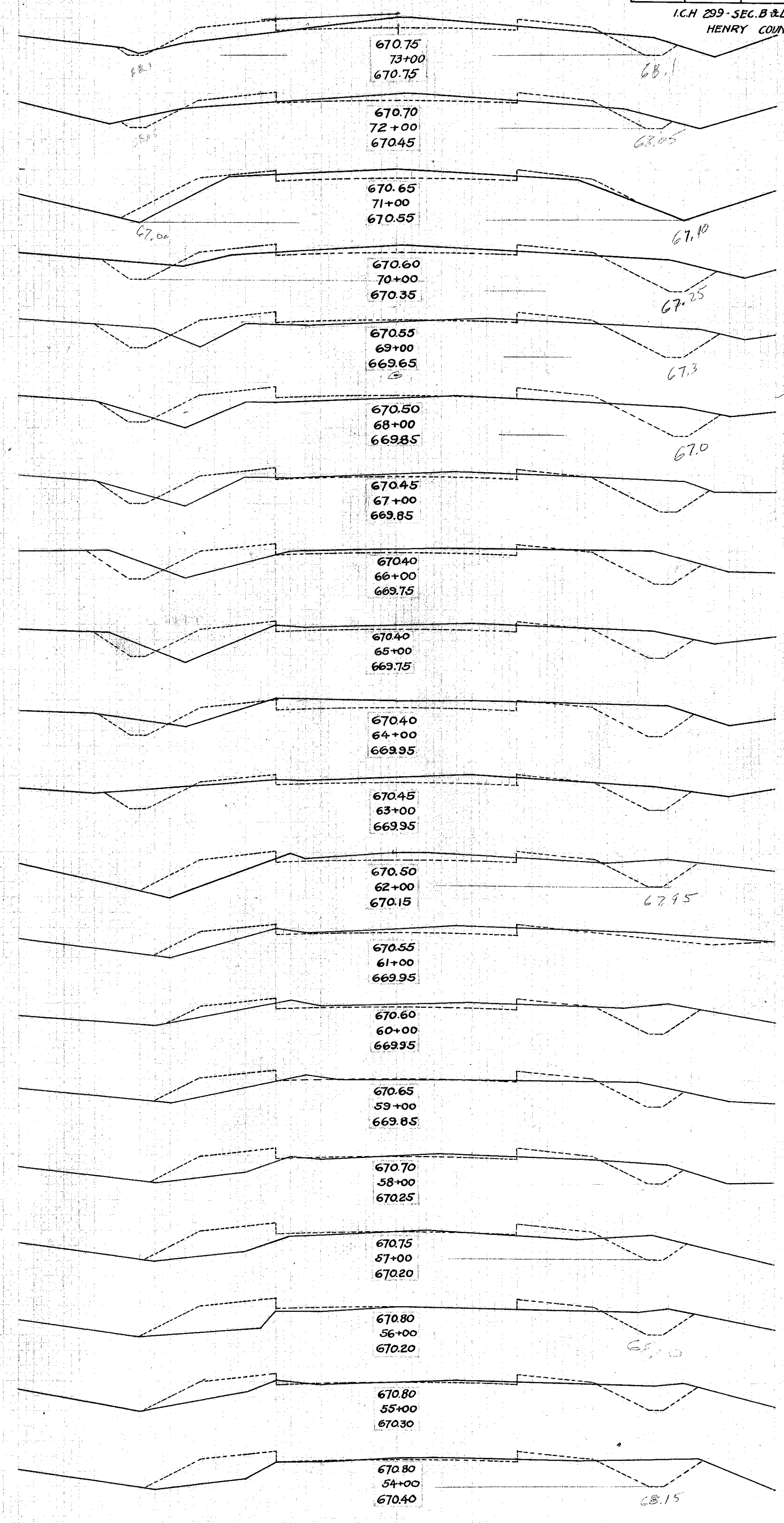
END AREAS		CU. YDS.	
CUT	FILL	CUT	FILL
4.8	176	22	57
6.8	13.2	32	30
10.4	2.8	25	20
3.2	80	27	30
11.6	80	41	24
10.4	4.8	33	17
7.6	4.4	27	24
7.2	8.8	27	33
7.6	9.2	30	33
8.8	8.8	29	33
6.8	8.8	15	50
1.2	18.0	5	71
1.6	20.4	22	52
10.4	7.6	59	19
21.2	2.4	84	5
24.4	0.5	70	8
13.2	3.6	50	16
14.4	4.8	73	11
25.6	1.0	142	2
51.2	0		

Exc. 598 CU. YD.
EMB. 522 CU. YD.



END AREAS		CU. YD.	
CUT	FILL	CUT	FILL
9.9	8.4	39	34
8.7	7.4	31	32
7.9	9.6	49	26
18.4	4.4	60	31
14.0	12.4	43	50
3.2	14.8	46	42
15.6	8.0	65	30
19.6	8.4	64	35
14.8	10.7	66	27
20.8	4.0	72	12
18.0	2.4	52	28
13.6	12.8	35	36
8.8	6.8	37	23
11.2	5.6	32	28
6.0	9.6	22	42
6.0	12.8	21	55
5.2	16.8	21	64
6.0	17.6	25	49
7.6	9.1	30	41
8.4	13.2	24	57

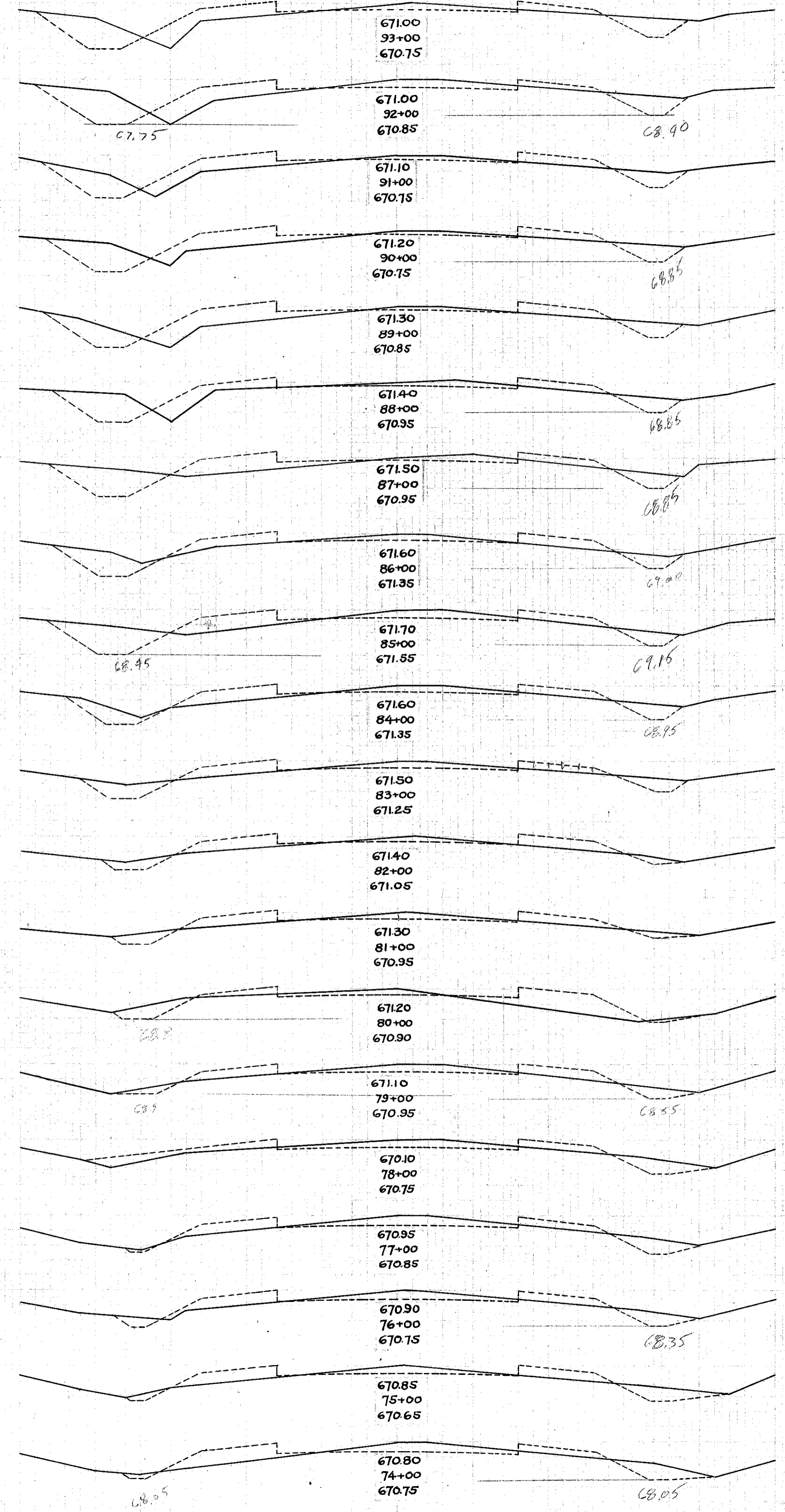
Exc. 882 CU. YDS.
EMB. 771 CU. YDS.



END AREA	CU. YDS.		EXC. 308 CU. YDS. EMB. 271 CU. YDS.
	CUT	FILL	
16.4	10.8	66 42	EXC. 308 CU. YDS. EMB. 271 CU. YDS.
19.2	11.6	59 44	
12.4	12.8	49 48	
14.0	13.2	46 56	
11.0	16.9	46 50	
14.0	9.9	53 39	
14.7	11.4	50 39	
12.4	9.6	58 39	
19.1	11.2	54 38	
10.3	9.2	40 34	
11.5	8.8	31 34	
5.5	9.6	23 34	
7.0	8.4	26 25	
7.0	5.2	29 25	
8.8	8.4	34 32	
9.6	8.8	39 29	
11.2	7.1	39 29	
10.0	8.4	37 35	
9.7	10.4	39 38	
11.2	10.0		

EXC. 355 CU. YDS.
EMB. 307 CU. YDS.

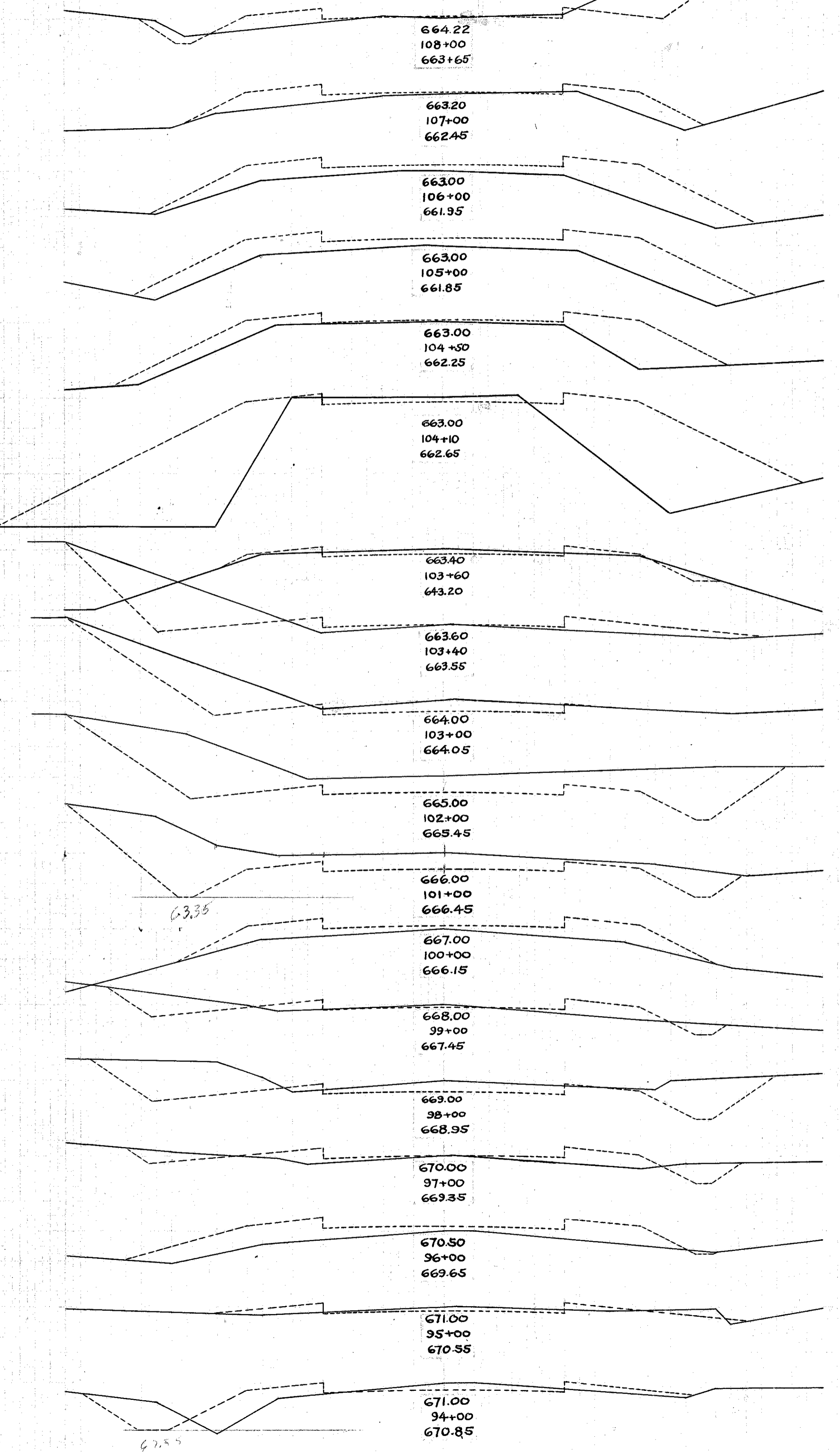
EXC. 243 CU. YDS.
EMB. 213 CU. YDS.



END AREA	CU. YDS.		EXC. 777 CU. YDS. EMB. 679 CU. YDS.
	CUT	FILL	
28.2	6.4	54 48	
0	13.6	0 110	
0	40.0	0 161	
0	47.0	0 77	
0	36.0	4 126	
5.2	134.0		
6.0	4.0	10 15	
20.0	10.0	42 8	
36.0	0	218 0	
82.0	0	297 0	
60.4	0	112 50	
0	27.2	22 67	
11.8	8.8	108 19	
46.4	1.2	102 27	
8.4	13.6	16 89	
0	34.4	10 73	
5.6	5.2	34 35	
12.8	14.0	54 46	

EXC. 777 CU. YDS.
EMB. 679 CU. YDS.

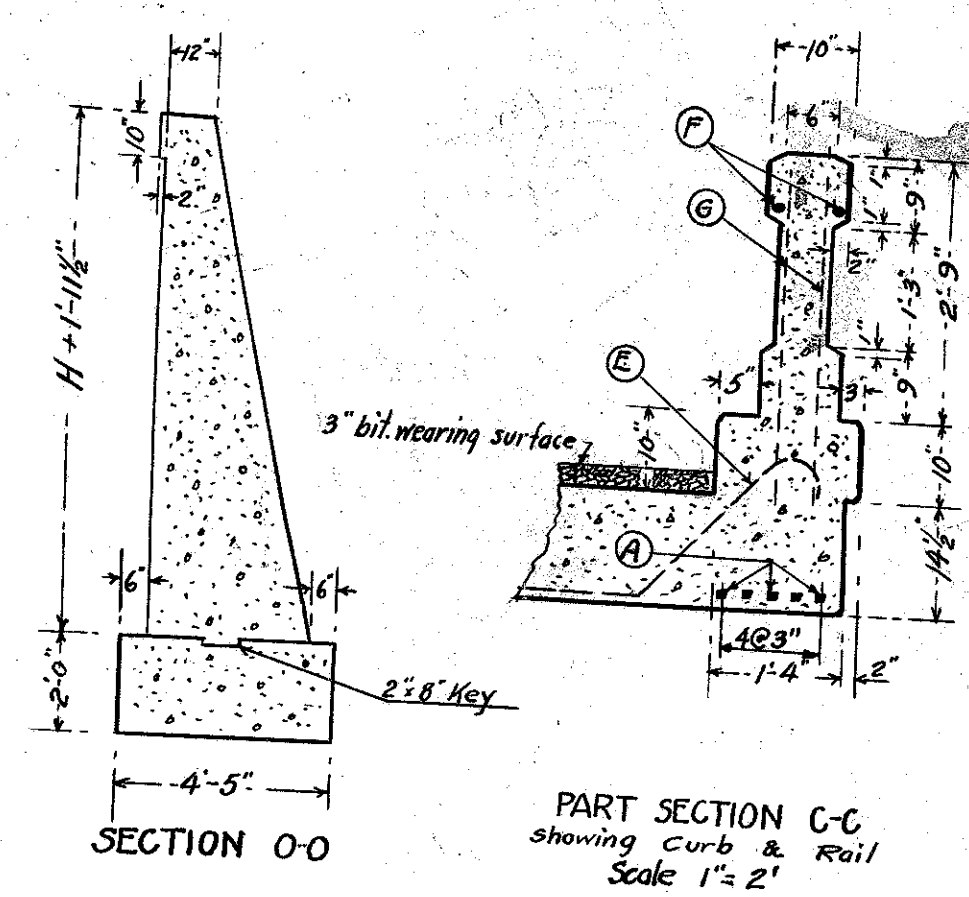
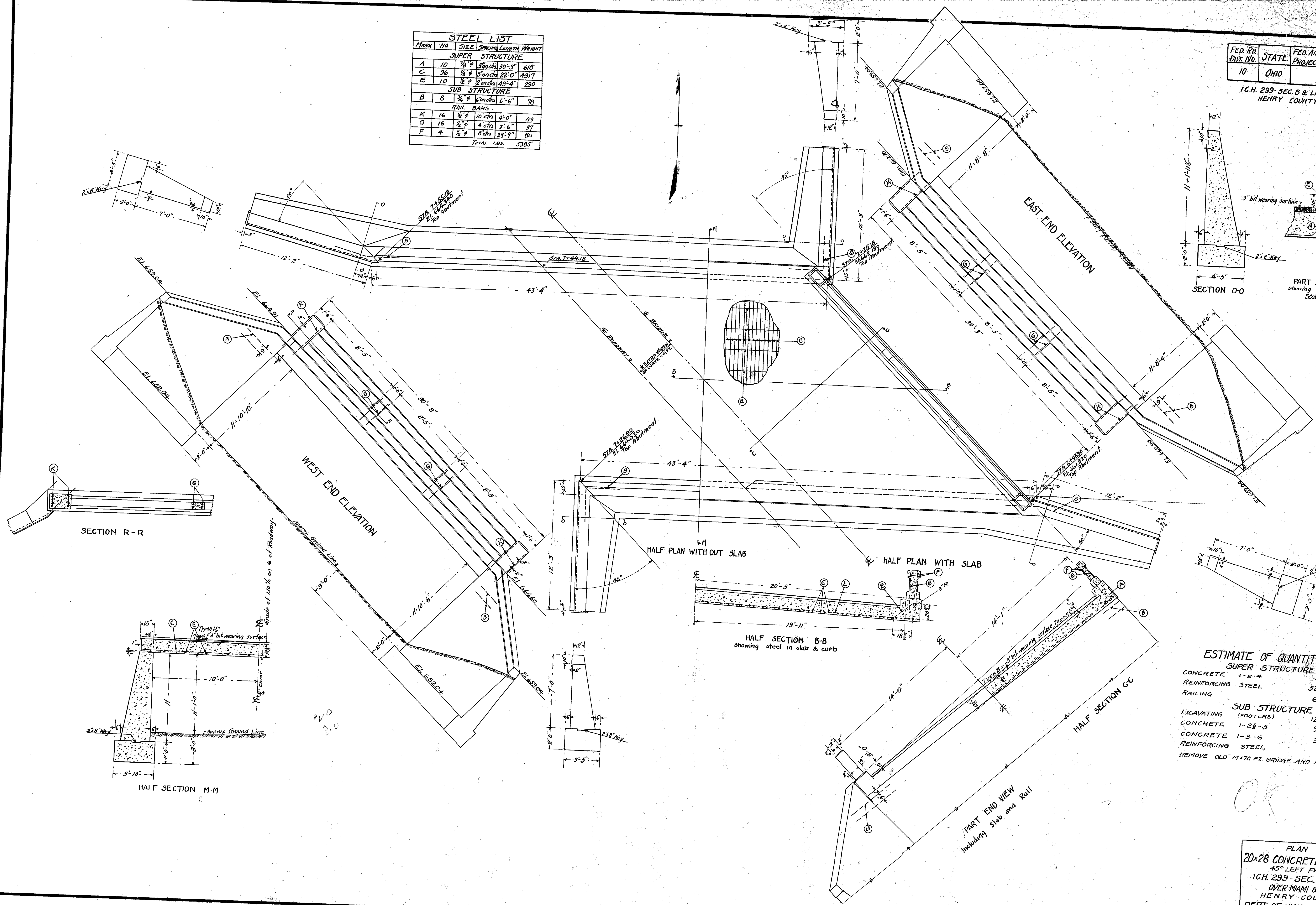
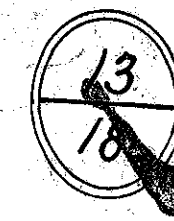
EXC. 370 CU. YDS.
EMB. 322 CU. YDS.



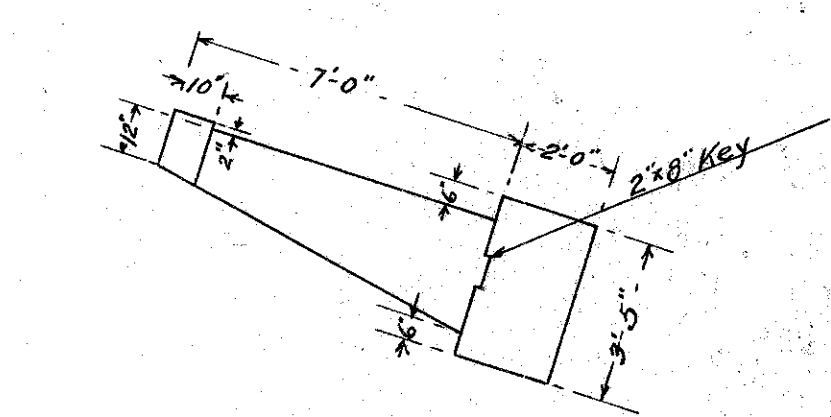
STEEL LIST				
MARK	NO	SIZE	LENGTH	WEIGHT
SUPER STRUCTURE				
A	10	7/8" #	30'-3"	618
C	36	7/8" #	5'on chs. 22'-0"	4317
E	10	1/2" #	2'on chs. 43'-4"	290
SUB STRUCTURE				
B	8	3/4" #	6'on chs. 6'-6"	78
RAIL BARS				
K	16	1/2" #	10' cts. 4'-0"	43
G	16	1/2" #	4' cts. 3'-6"	37
F	4	1/2" #	8' cts. 29'-9"	80
TOTAL LBS. 5385				

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1924

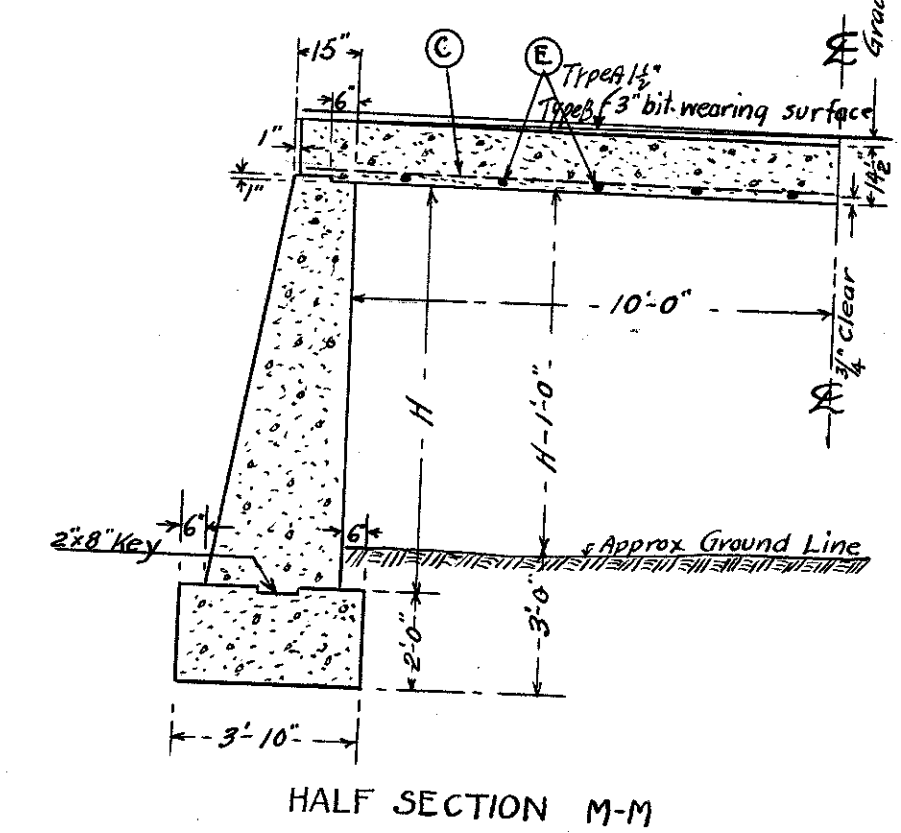
I.G.H. 299-SEC. B & LIBERTY
HENRY COUNTY



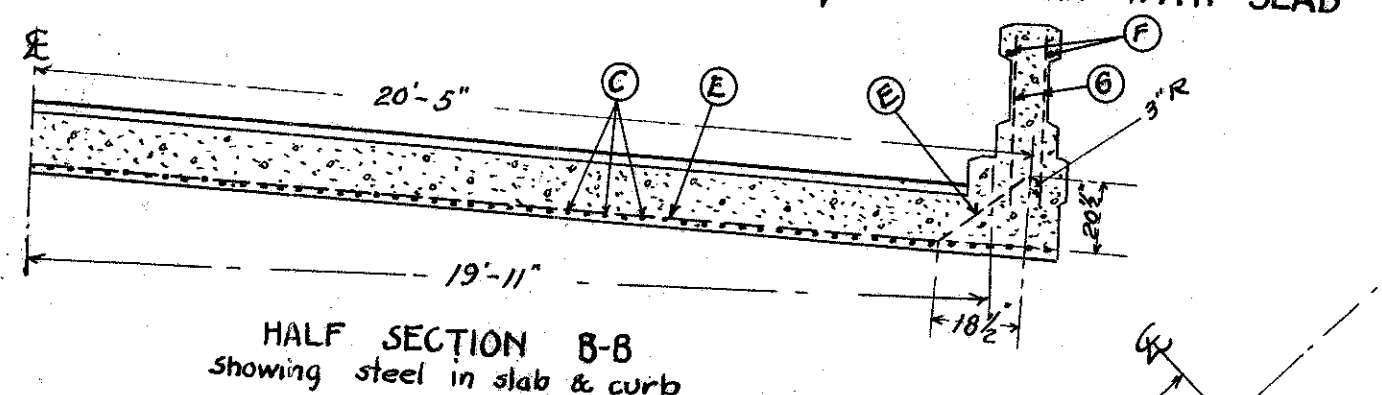
PART SECTION C-C
Showing Curb & Rail
Scale 1" = 2'



SECTION R-R



HALF SECTION M-M



HALF SECTION B-B
Showing steel in slab & curb

ESTIMATE OF QUANTITIES

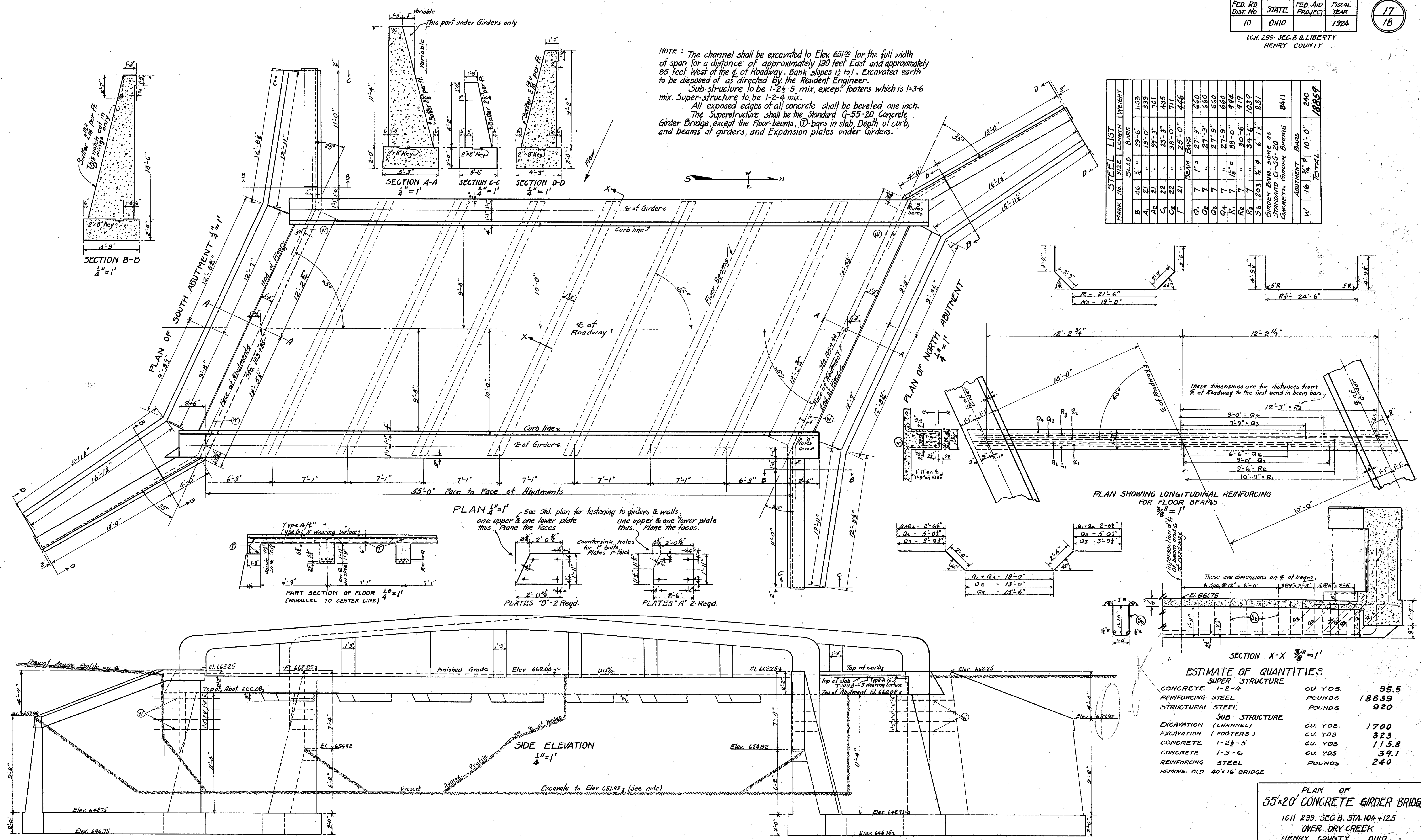
SUPER STRUCTURE	
CONCRETE 1-2-4	458 CU. YDS.
REINFORCING STEEL	5225 POUNDS
RAILING	60.5 LIN. FEET.
SUB STRUCTURE	
EXCAVATING (FOOTERS)	121 CU. YDS.
CONCRETE 1-2 1/2-5	331 CU. YDS.
CONCRETE 1-3-6	372 CU. YDS.
REINFORCING STEEL	78 POUNDS
REMOVE OLD 14x10 FT. BRIDGE AND LEVEL ABUTMENTS	

OK

PLAN OF
20x28 CONCRETE SLAB BRIDGE
45° LEFT FWD. SKEW
I.G.H. 299-SEC. B. STA. 7+30.04.
OVER MIAMI & ERIE CANAL
HENRY COUNTY OHIO
DEPT. OF HIGHWAYS AND PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTE: The channel shall be excavated to Elev. 651.00 for the full width of span for a distance of approximately 190 feet East and approximately 85 feet West of the C. of Roadway. Bank slopes 1 1/2 to 1. Excavated earth to be disposed of as directed by the Resident Engineer.
Sub-structure to be 1-2 1/2-5 mix, except footers which is 1-3-6 mix. Super-structure to be 1-2-4 mix.
All exposed edges of all concrete shall be beveled one inch. The Superstructure shall be the Standard G-55-20 Concrete Girder Bridge, except the floor-beams, D-bars in slab, depth of curb, and beams at girders, and Expansion plates under Girders.

MARK NO.	SLAB SIZE	LENGTH	WEIGHT
B	46 1/2"	29'-6"	1153
A	21"	19'-0"	333
Ae	21"	39'-3"	701
C	22"	23'-3"	435
Ce	22"	38'-0"	711
T	21"	25'-0"	446
Q1	7"	27'-9"	660
Q2	7"	27'-9"	660
Q3	7"	27'-9"	660
Q4	7"	27'-9"	660
R1	7"	30'-6"	919
R2	7"	34'-6"	1039
R3	7"	6'-1 1/2"	831
GIRDER BARS - Same as STANDARD G-55-20 CONCRETE GIRDER BRIDGE			
ABUTMENT BARS			
W	16"	3/4"	10'-0"
TOTAL			240
TOTAL			18859



SECTION X-X 3/8" = 1'

ESTIMATE OF QUANTITIES

SUPER STRUCTURE			
CONCRETE	1-2-4	CU. YDS.	95.5
REINFORCING STEEL		POUNDS	18859
STRUCTURAL STEEL		POUNDS	920
SUB STRUCTURE			
EXCAVATION (CHANNEL)		CU. YDS.	1700
EXCAVATION (FOOTERS)		CU. YDS.	323
CONCRETE	1-2 1/2-5	CU. YDS.	115.8
CONCRETE	1-3-6	CU. YDS.	39.1
REINFORCING STEEL		POUNDS	240
REMOVE OLD 40'x16' BRIDGE			

PLAN OF
55'x20' CONCRETE GIRDER BRIDGE
IGH. 299, SEC. B, STA. 104+125
OVER DRY CREEK
HENRY COUNTY OHIO
DEPT. OF HIGHWAYS AND PUBLIC WORKS
DIVISION OF HIGHWAYS
STATE OF OHIO
Mch. 1924 SCALE 3/8" = 1' AS BUREAU OF BRIDGES

Camber in center of span = 1 1/2"

SUMMARY OF QUANTITIES

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1924

18
18

I.C.H. 299, SEC. B & LIBERTY
HENRY COUNTY

STATION	TYPE	SIZE	LENGTH	EXCAVATION					CONCRETE			REINF. STEEL	STRUCT. STEEL	CONC. RAILING	CAST IRON PIPE					CORRUGATED PIPE				FIELD TILE				REMARKS					
				FOOTERS		CHANNEL		1-2-4	1-2½-5	1-3-6	LBS.	LBS.	LIN. FT.	STD. NO. 1					6"	8"	10"	12"	6"	8"	10"	12"	6"		8"	10"	12"		
				CU. YDS	CU. YDS	CU. YDS	CU. YDS	CU. YDS	LBS.	LBS.	LIN. FT.	NO.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.		FT.	FT.			
STRUCTURES UNDER 20 FT.																																	
7+30.04	SLAB TOP	28' Rd. Wy.	20' Span	121		458	93.1	37.2	53.03		60.5																		OLD 14x10 BRIDGE TO BE REMOVED & ABUTMENTS LEVELED				
21+00	C.I.P.	24"	50 FT.	16			46																						2 STD. HEADWALLS				
41+25	C.I.P.	12"	34 FT.	11																													
65+00	C.I.P.	12"	34 FT.	7			2.2																						2 STD. HEADWALLS				
70+80 71+00	C.I.P.	30" 18"	34 FT.	44		7.23			110.4																				2 STD. 30" SIDE ROAD HEADWALLS & 1 STD. 18" SIDE ROAD HEADWALL				
93+96	C.I.P.	10"	36 FT.	10																													
TOTAL OF QUANTITIES				209		53.03	99.9	37.2	5413.4		60.5		4		36	68	34	50	34														
STRUCTURES OVER 20 FT.																																	
17+58.5	CONC. GIRDER	20' Rd. Wy.	2-Span 45'	844		135.40	462.40	92.80	2734.3																					OLD 60x16 BRIDGE TO BE REMOVED & OLD ABUTMENTS LEVELED.			
104+12.5	CONC. GIRDER	20' Rd. Wy.	55' Span	323	1700	95.50	115.80	39.10	190.99	920																				OLD 40x16 BRIDGE TO BE REMOVED.			
TOTAL OF QUANTITIES				1167	1700	230.90	578.20	131.90	464.42	920																							
STRUCTURES FOR PRIVATE DRIVES, ETC.																																	
9+07	C.I.P.+FT.	8"	100'			.65			20																					BUILD STD. C.B. AT STA. 9+07, LEFT SIDE, THENCE SOUTH WITH C.I.P. UNDER ROAD, THEN FIELD TILE AND A STD. 12" HEADWALL AT CANAL BRIDGE WING TO SERVE AS HEADWALL AT CREEK. RIGHT.			
16+30	Field Tile	8"	90'																											60'			
26+40	Cor. Pipe	12"	24'																											24'	LEFT		
30+10	Cor. Pipe	12"	20'																											20'	RIGHT		
57+38	Cor. Pipe	12"	20'																											20'	RIGHT		
60+68 TO 61+52	Headwall	4'x4½'x1'				.65			20																						BUILD STD. 12" HEADWALL. RIGHT		
61+52 TO 61+72	Field Tile	8"	84'																												84'	RIGHT	
61+72 TO 62+42	Cor. Pipe	8"	20'																												20	RIGHT	
62+42	Field Tile	8"	70'																												70	RIGHT	
62+42	Headwall	4'x4½'x1"				.65			20																						BUILD STD. 12" HEADWALL. RIGHT.		
79+80	Cor. Pipe	12"	20'																												20'	LEFT	
82+57	Cor. Pipe	12"	20'																												20'	RIGHT	
87+81	Cor. Pipe	12"	20'																												20'	LEFT	
93+56 TO 96+56	Field Tile	10"	260'																													260'	LEFT
96+56 TO 96+76	Cor. Pipe	10"	20'																													20'	LEFT
96+76 TO 99+60	Field Tile	10"	284'																													284'	LEFT
99+60	Catch Basin	2x2 STD.																														BUILD STD. 12" HEADWALL. LEFT.	
101+10	Catch Basin	2x2 STD.																														LEFT	
101+10 TO 101+30	Cor. Pipe	12"	20'																													20	LEFT
101+30 TO 103+50	Field Tile	12"	220'																													220	LEFT
102+12	Catch Basin	2x2 STD.																														RIGHT	
102+12 TO 102+88	Field Tile	8"	76'																													76	RIGHT
102+88 TO 103+08	Cor. Pipe	8"	20'																													20	RIGHT
103+08 TO 103+78	Field Tile	8"	70'																													70	RIGHT
103+50 TO 103+70	Cor. Pipe	12"	20'																													20	LEFT
103+70 TO 103+90	Field Tile	12"	20'																													20	LEFT
106+56	Cor. Pipe	12"	20'																													20'	RIGHT
110+40	Cor. Pipe	12"	20'																													20'	LEFT
99+60 TO 101+10	Field Tile	12"	150'																													150	LEFT
TOTAL OF QUANTITIES						1.95			60				5	40																		40 20' 204 450 544 390	

Plan Shows 101+30 to 103+50

TYPE "A" & "B"
 EXCAVATION 12288 CU. YDS.
 BORROW 5450 CU. YDS.
 PAVEMENT: REINF. CONC. 5132 SQ. YDS.
 TOP COURSE 13675.3 SQ. YDS.
 BASE COURSE 20854.4 SQ. YDS.
 GUARD RAIL, TYPE "E" 2616 LIN. FT.