

#2060

FED. RD. DIST. No.	STATE	FED. AID. PROJECT	FISCAL YEAR
10	OHIO	441-A	1926

ICH. 457 HENRY SEC. B-2 COUNTY

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

INDEX

Title Page	p. 1.
Typical Cross Section	p. 2.
Plans and Profile	p. 3-4-8.
Cross Sections	p. 5-6-7-9-10.
Summary Sheet	p. 11.

TOLEDO-NAPOLEON ROAD

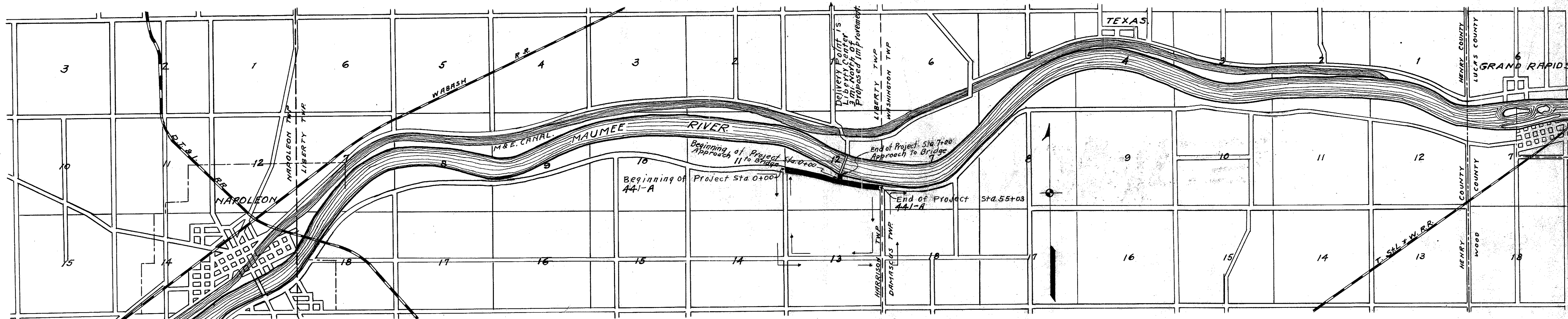
I.C.H. No. 457. SEC. B-2 PET. No. 5042.

HENRY COUNTY HARRISON TWP. AUGUST 1924.

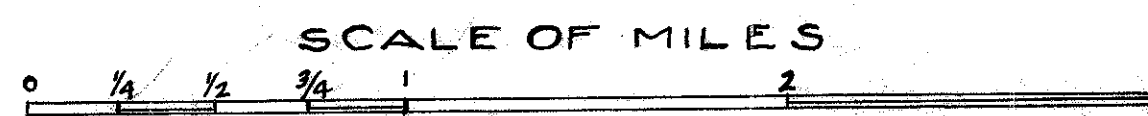
MAIN MARKET ROAD NO. 9.

SCALES

	MAIN PROJECT	APPROACH TO BRIDGE
Plan	1"=100'	1"=50'
Profile (Vertical)	1"=10'	1"=10'
Profile (Horizontal)	1"=100'	1"=50'
Cross Sections	1"=5'	1"=10'



LOCATION PLAN



PORTION TO BE IMPROVED

DETOURS SHOWN THUS

CONVENTIONAL SIGNS

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

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

We, the Commissioners of Henry County hereby approve these plans and certify that the right-of-way 60 feet wide is available for the construction, maintenance and repair of the above highway.

Charles Wahl
F.W. Detmold
W.W. McMillen
Date 2/2/25 County Commissioners.

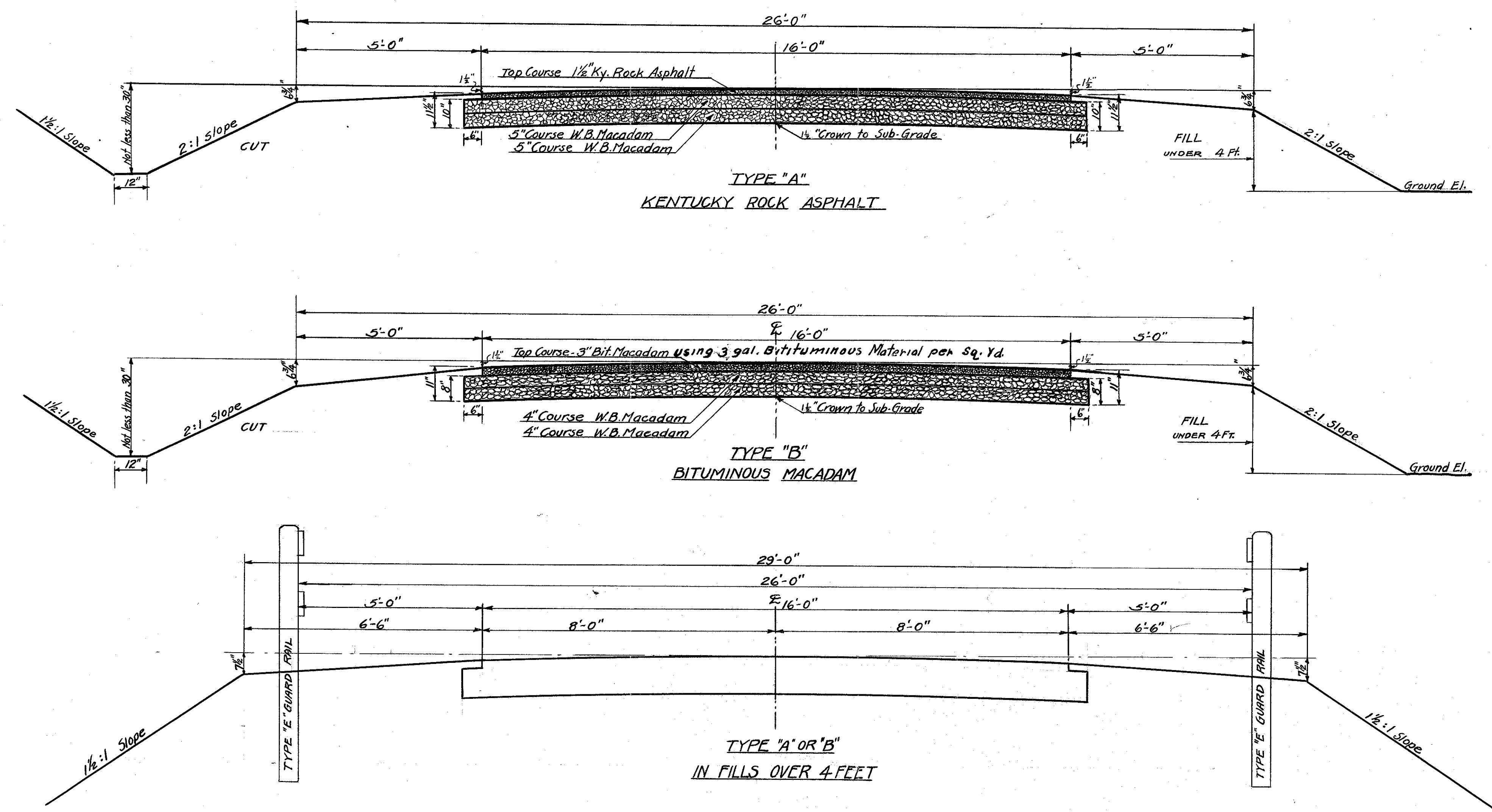


I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that detours will be provided as shown on the plan and estimates.

Approved: *J.W. Harper*
Date 2/2/25 Resident Engineer
Approved: *M.J. Altmann*
Date 5-5-25 Division Engineer
Approved: *G.F. Allminger*
Date 5-19-25 State Highway Engineer
Approved: *Laboulay*
Date 5-19-25 Director of Highways & Public Works.
Recommended for Approval: _____
Date _____ Dist Eng. Bureau of Public Roads.
Recommended for Approval: _____
Date _____ Chief Eng. Bureau of Public Roads.
Approved: _____
Date _____ Chief of Bureau.

FED. RD. DIST. NO.	STATE	FED. AID. PROJECT	FISCAL YEAR
10	OHIO	441-A	1926

I.G.H. 457 HENRY
 SEC. B-2. COUNTY



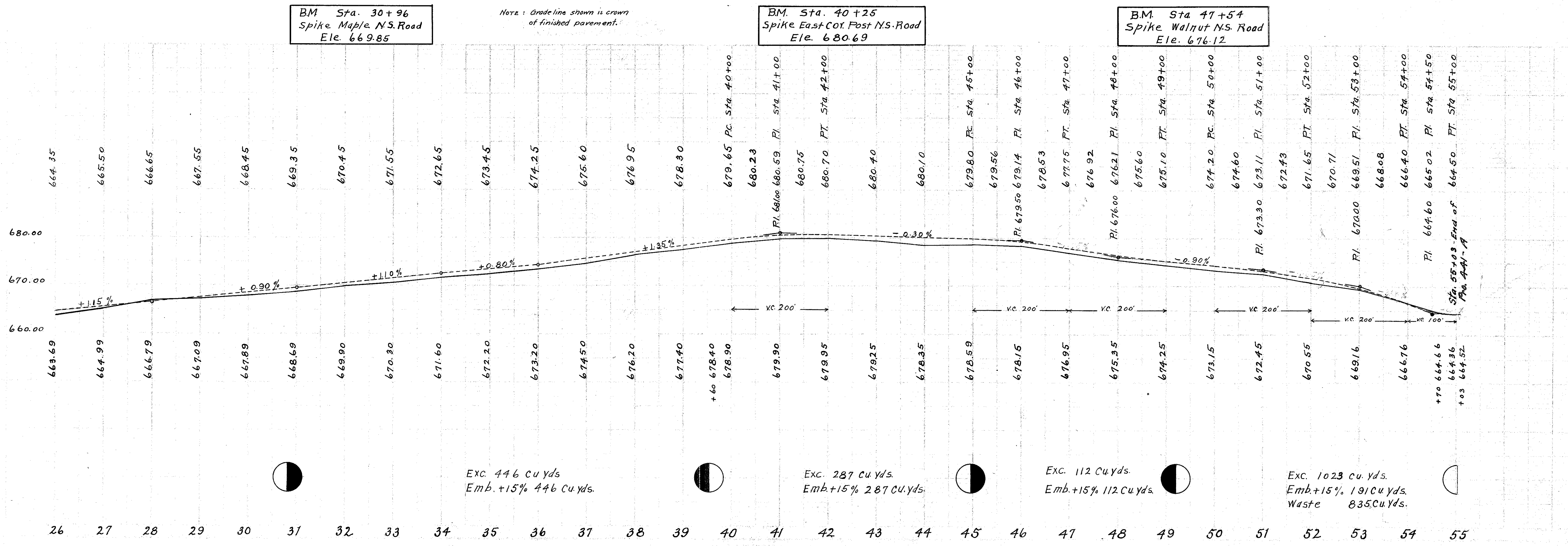
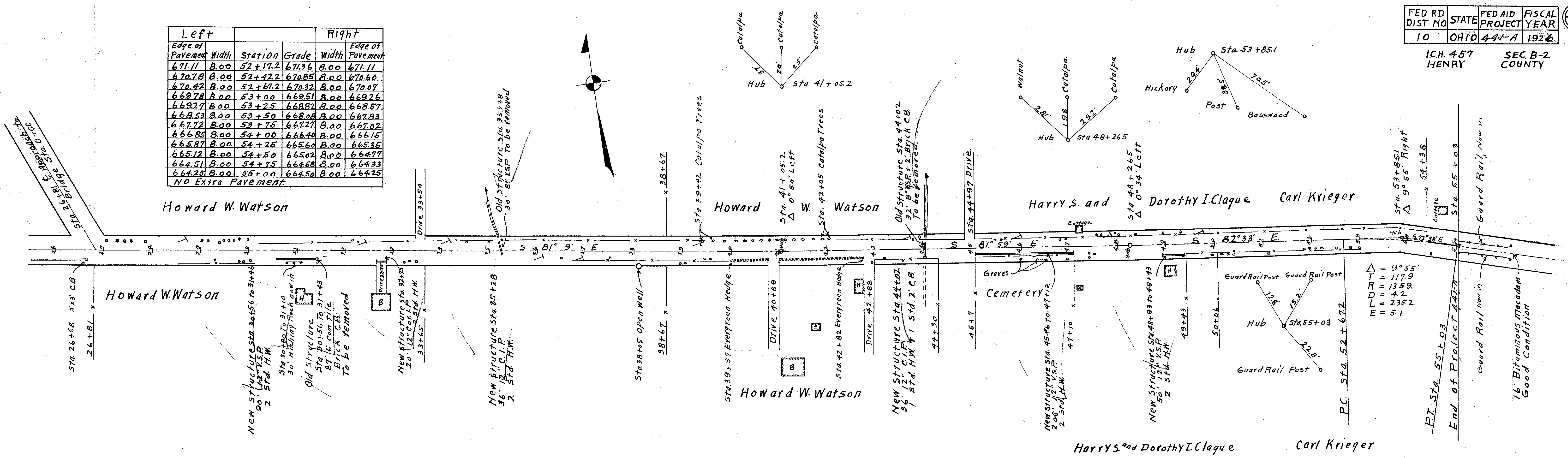
TYPICAL CROSS-SECTIONS FOR ALTERNATE TYPES OF PAVEMENT.

**IMPORTANT
NOTICE**

Wherever a 1-1 1/2-3 mix is designated on plans use a 1-2-3 mix
 " 1-2-4 " 1-2-3 1/2
 " 1-2 1/2-5 " 1-2 1/2-4
 " 1-3-6 " 1-3-5
 In accordance to 1925 specifications
 See page 3

Left				Right			
Edge of Pavement	Width	Station	Grade	Width	Edge of Pavement	Station	Grade
671.11	8.00	52+17.2	671.36	8.00	671.11		
670.78	8.00	52+42.2	670.85	8.00	670.60		
670.42	8.00	52+67.2	670.32	8.00	670.07		
669.78	8.00	53+00	669.51	8.00	669.26		
669.27	8.00	53+25	668.82	8.00	668.57		
668.53	8.00	53+50	668.08	8.00	667.83		
667.72	8.00	53+75	667.27	8.00	667.02		
666.89	8.00	54+00	666.40	8.00	666.15		
665.87	8.00	54+25	665.60	8.00	665.35		
665.12	8.00	54+50	665.02	8.00	664.77		
664.51	8.00	54+75	664.58	8.00	664.33		
664.25	8.00	55+00	664.50	8.00	664.25		

NO Extra Pavement

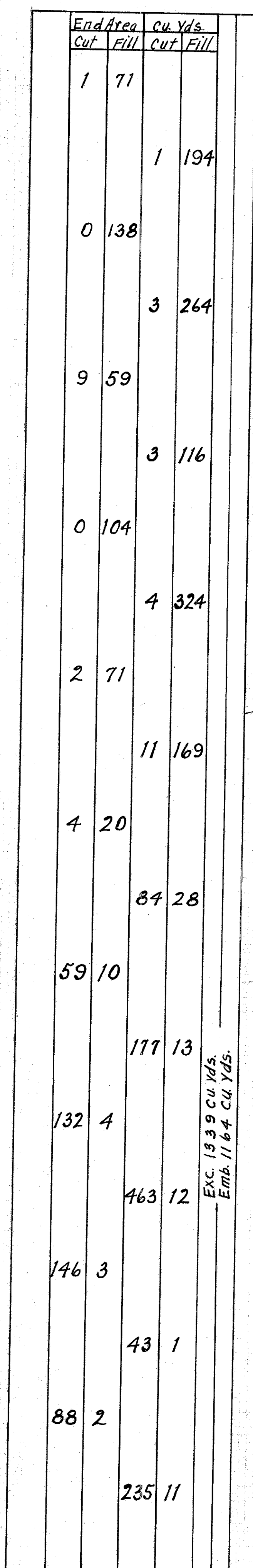
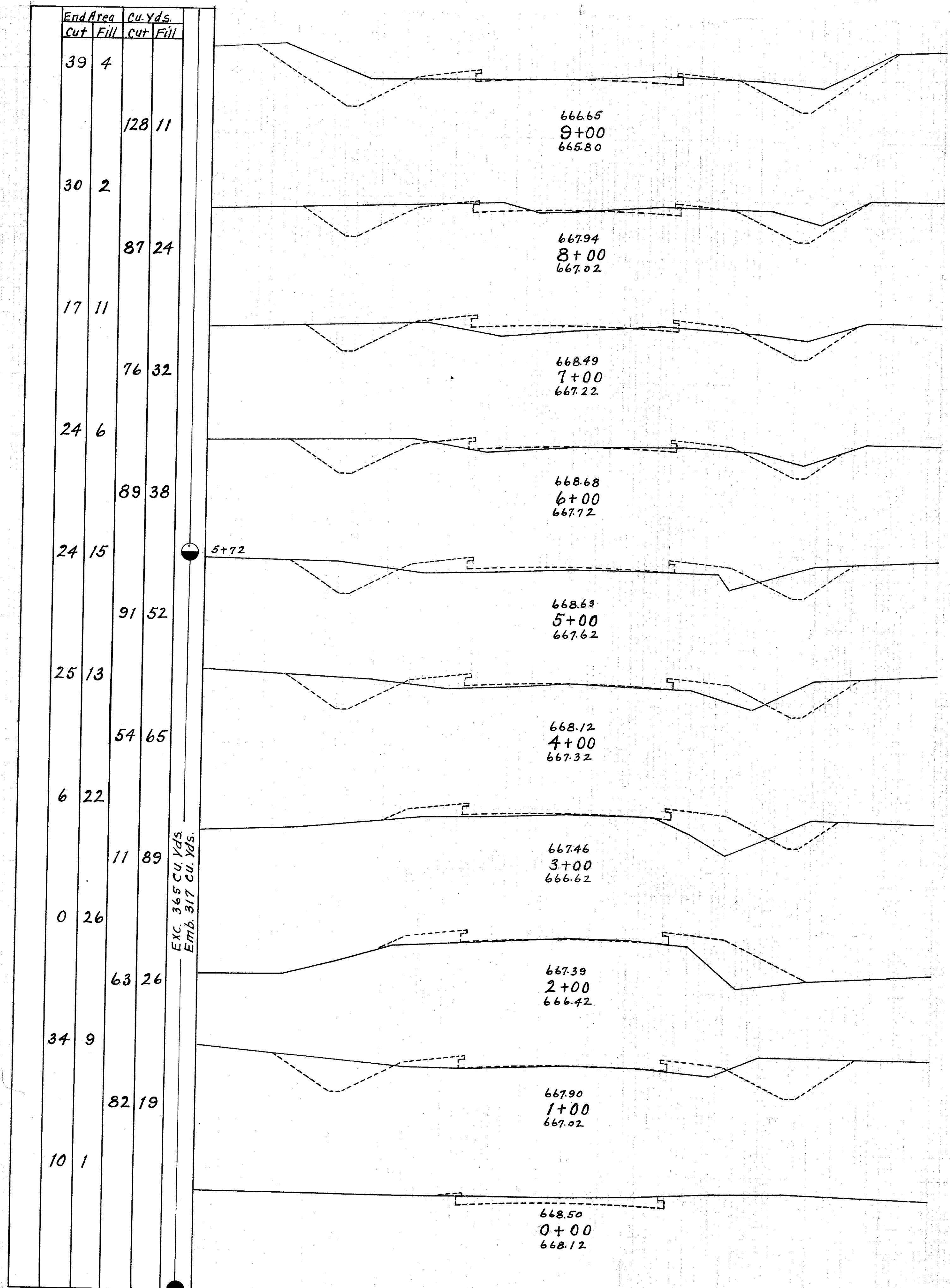


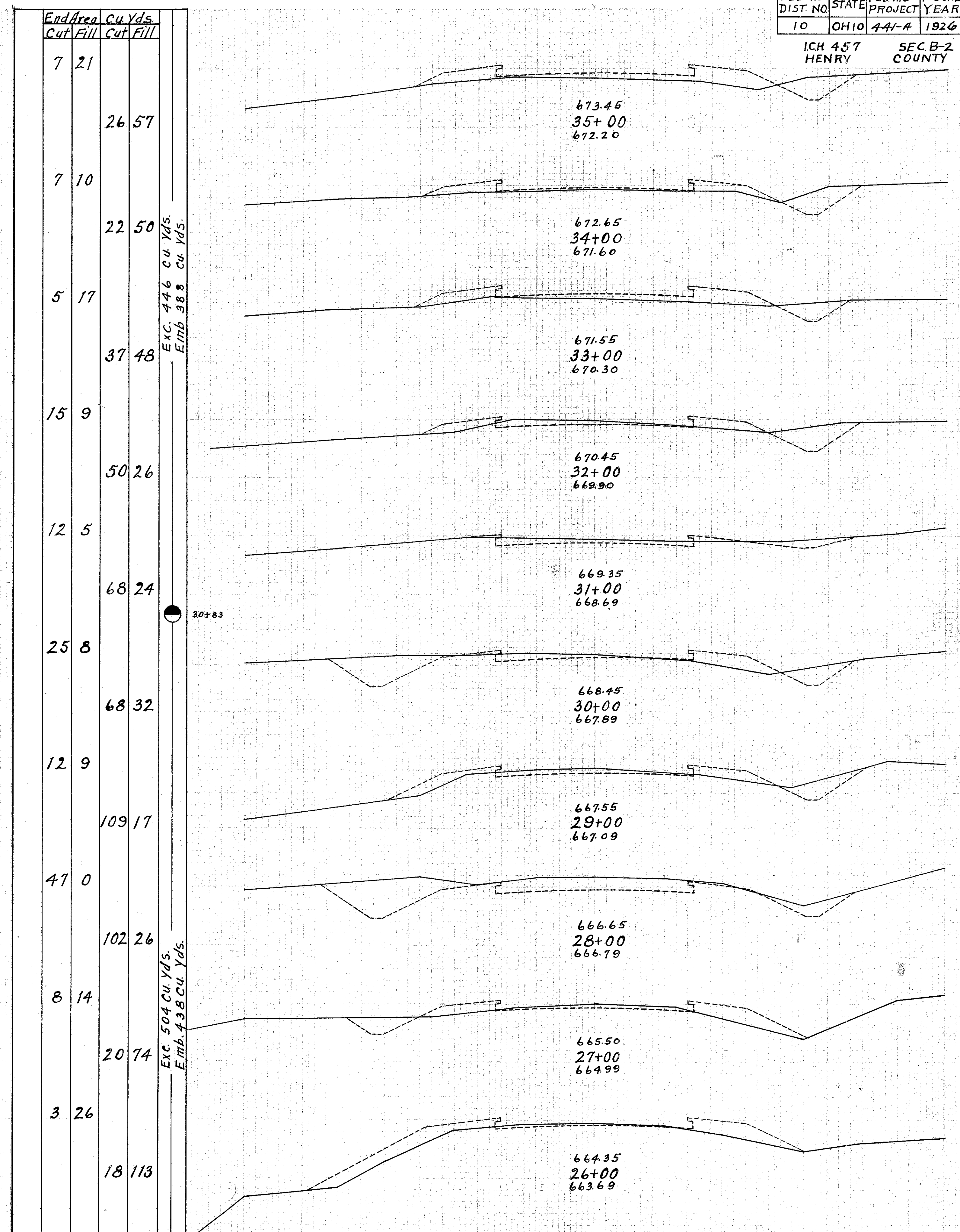
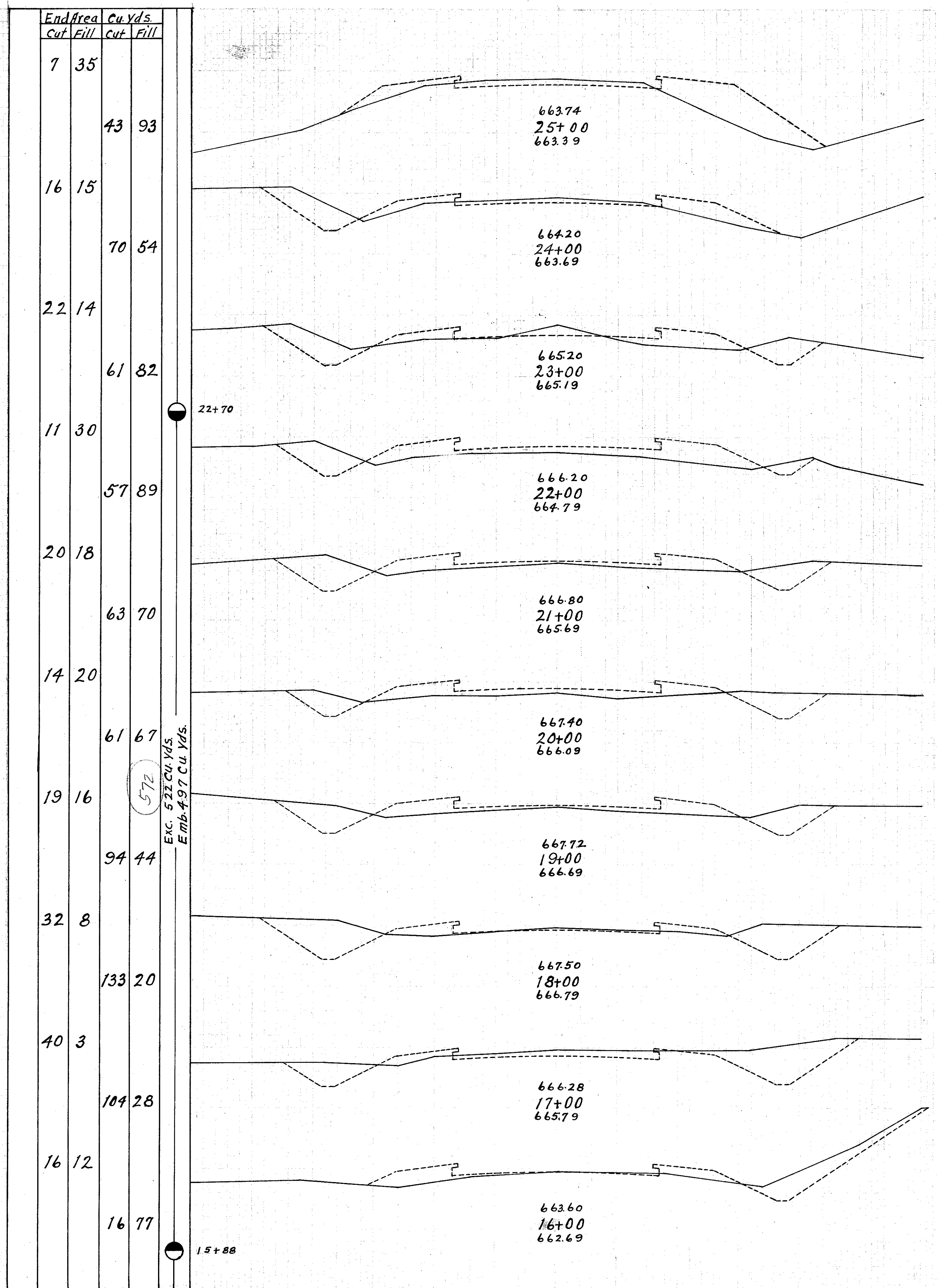
Exc. 446 Cu Yds
Emb. +15% 446 Cu Yds.

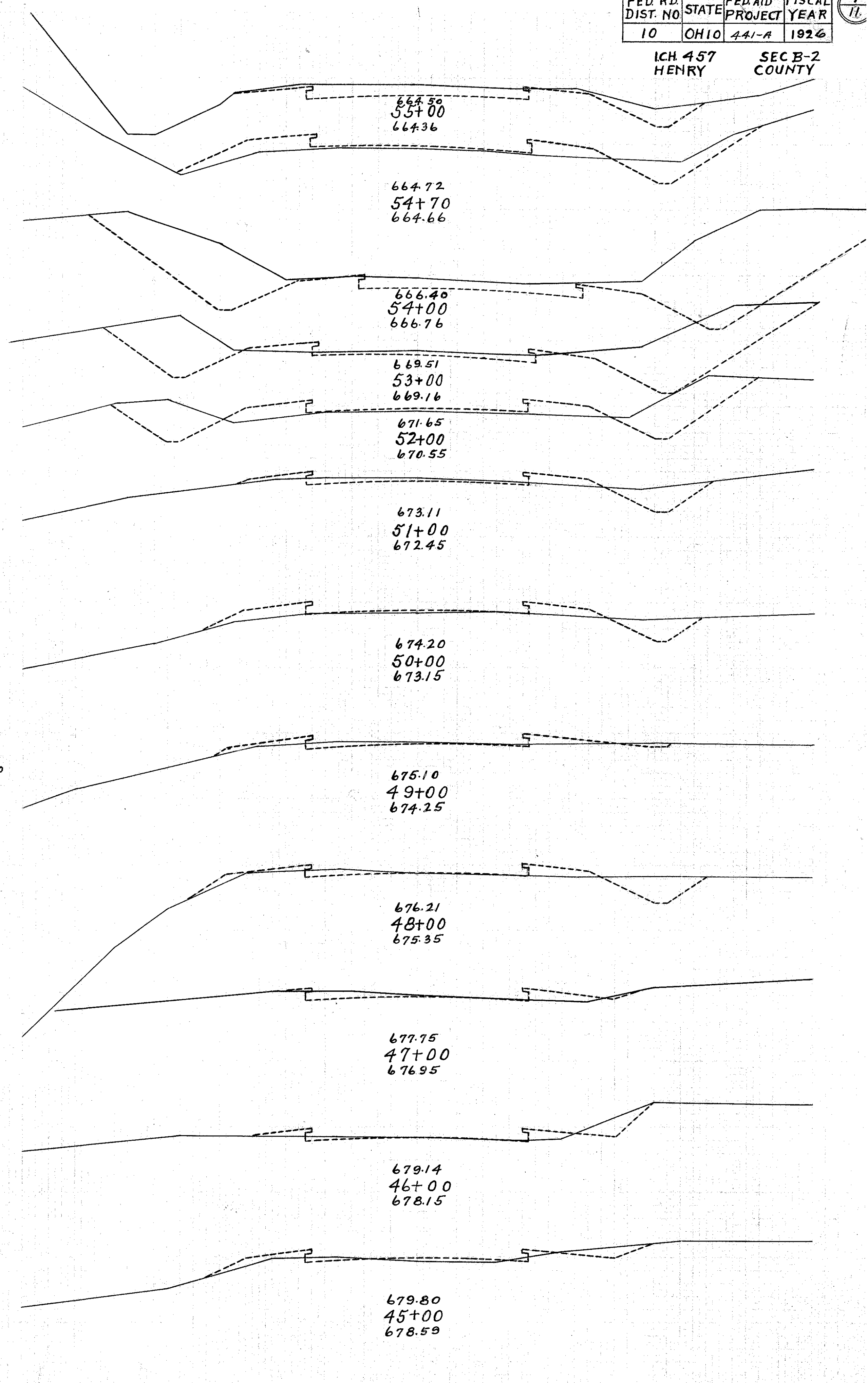
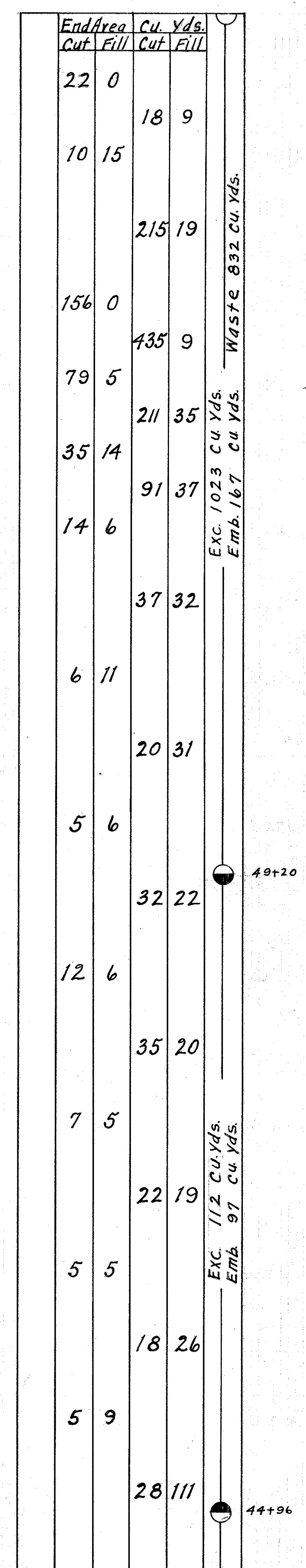
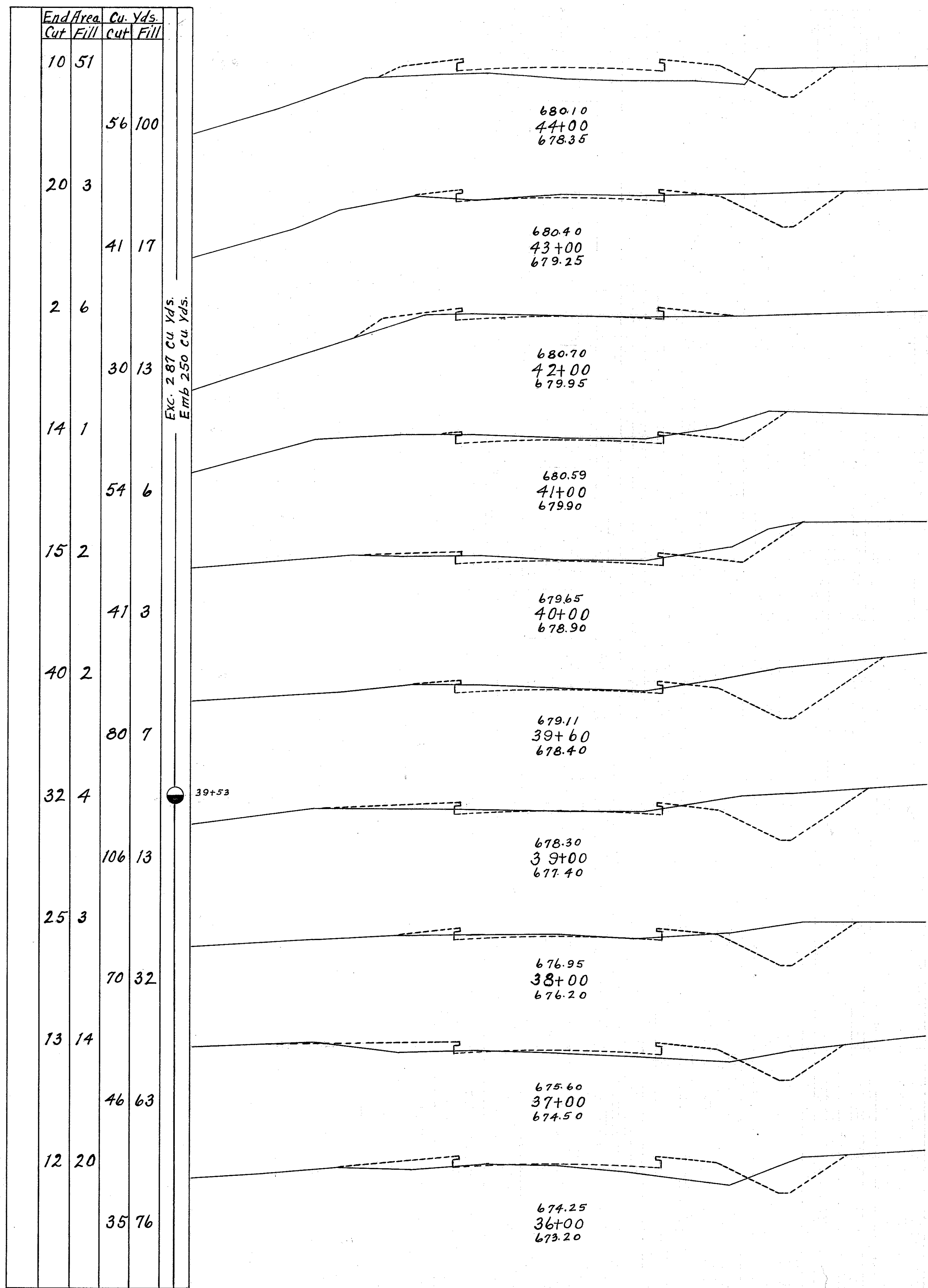
Exc. 287 Cu Yds.
Emb. +15% 287 Cu Yds.

Exc. 112 Cu Yds.
Emb. +15% 112 Cu Yds.

Exc. 1023 cu. yds.
Emb. +15% 1910 cu. yds.
Waste 835 Cu. Yds.

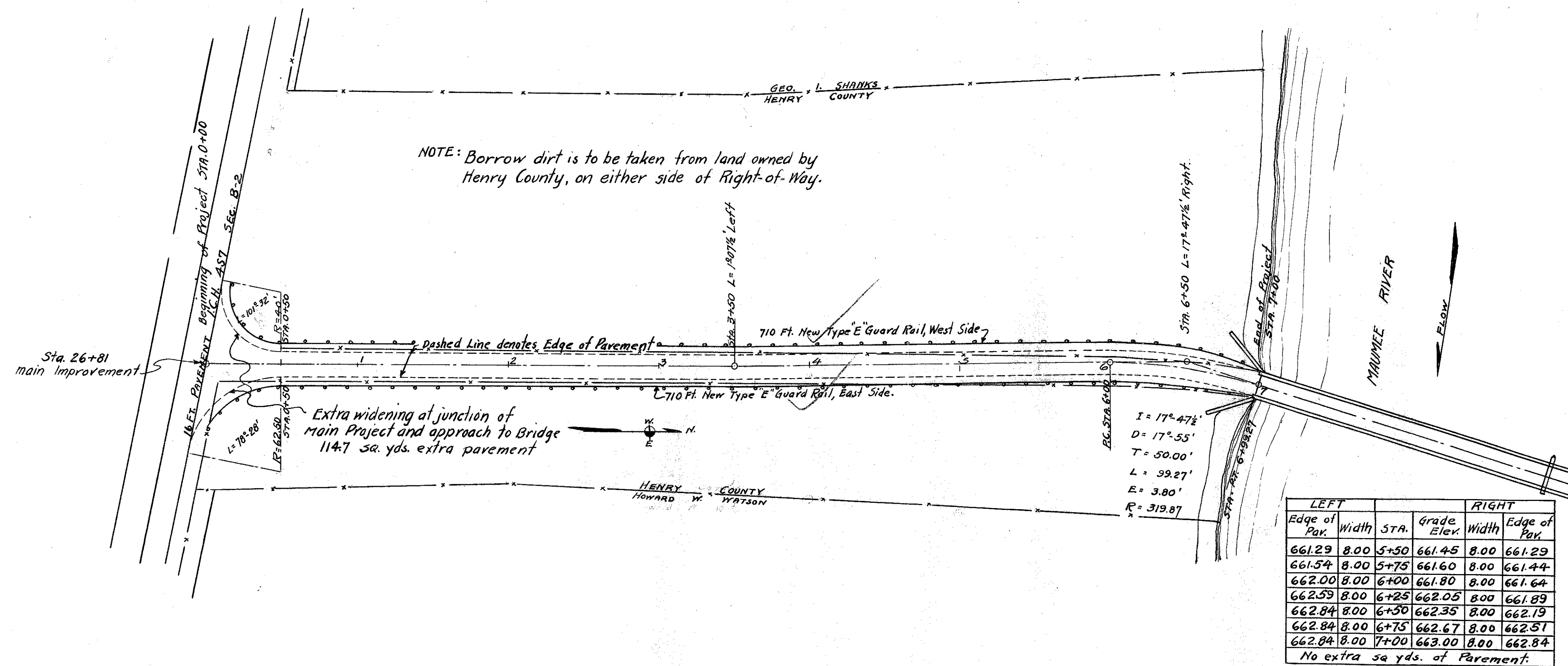




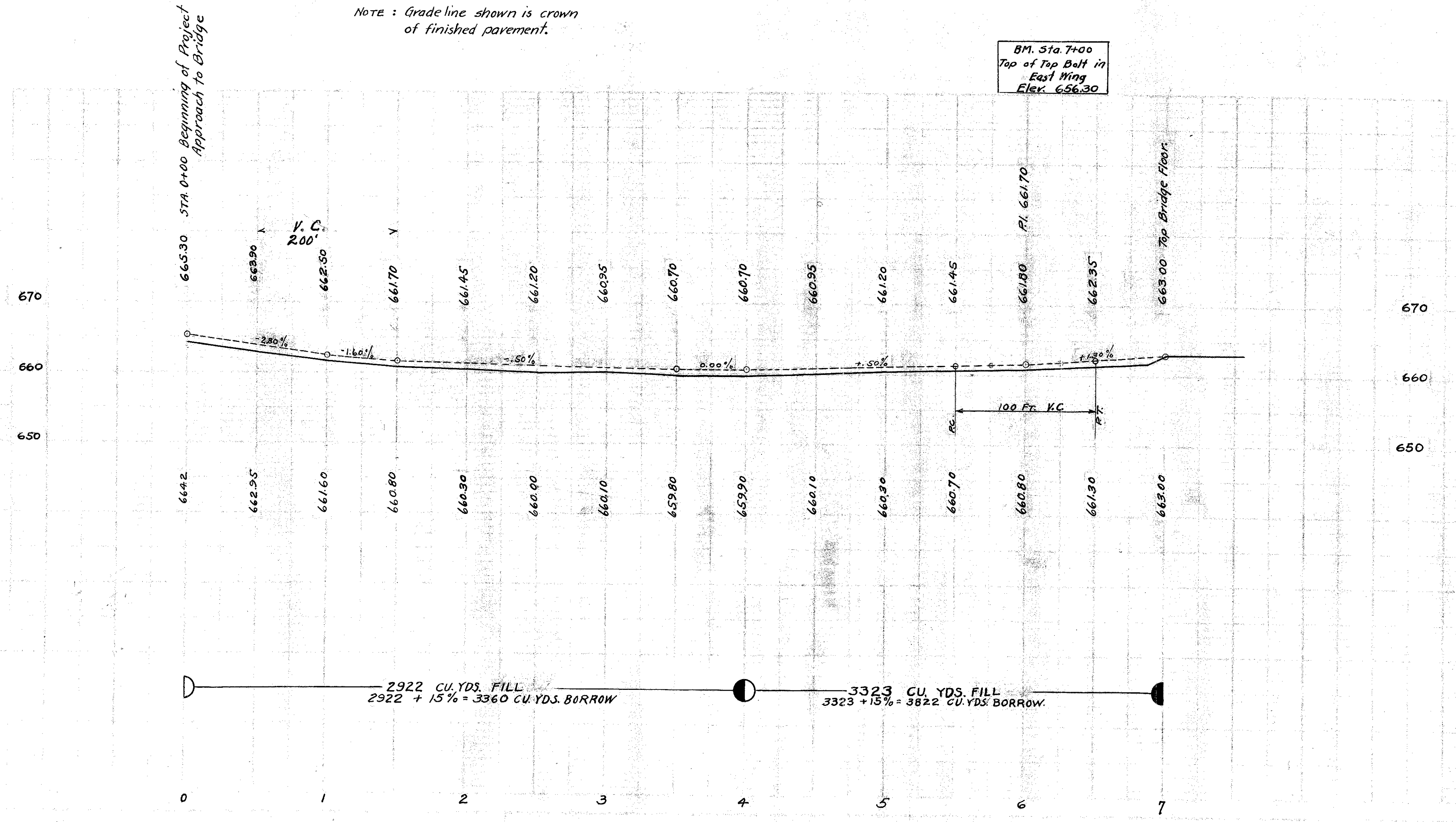


APPROACH TO BRIDGE

FED. RD DIST NO	STATE	FED. AID. PROJECT	FISCAL YEAR
10	OHIO	441-7	1926
ICH. 457 HENRY		SEC. B-2 COUNTY	



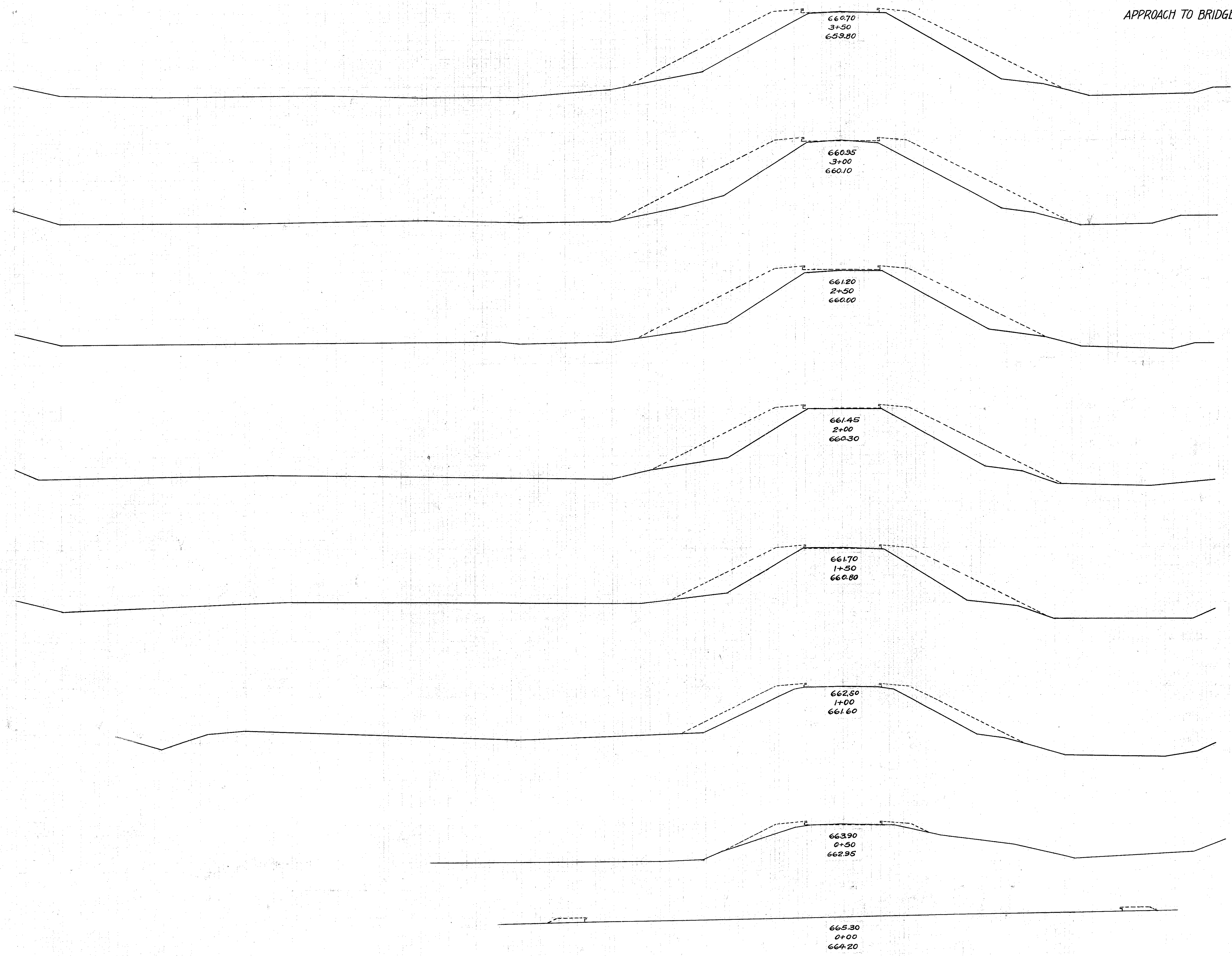
NOTE: Grade line shown is crown of finished pavement.



APPROACH TO BRIDGE

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR	(9) 11
10.	OHIO	441-A	1926	

I.C.H. 457 SEC. B-2
HENRY COUNTY



END AREA SQ. FT.	FILL CU. YDS.
269.0'	542
315.5	540
267.3	466
236.2	396
191.4	287
119.0	145
38.0	41
6.0	

Borrow, +15% = 99.60 CU. YDS.
FILL 2922 CU. YDS.

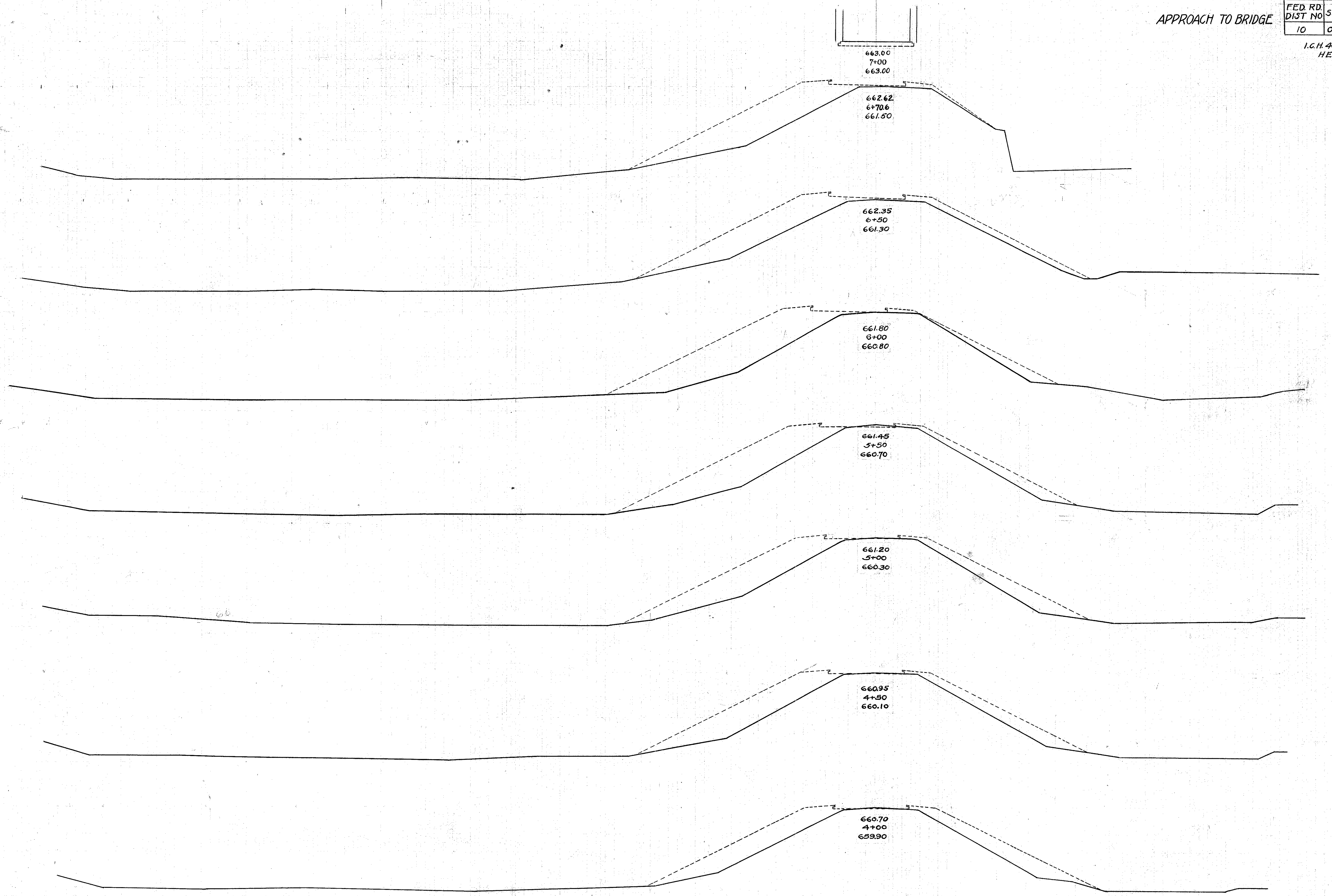
1300.0

APPROACH TO BRIDGE

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO	441-A	1926

10/11

I.C.H. 457 SEC. B-2.
HENRY COUNTY



END AREA SQ. FT.	FILL CU. YDS.
0.0	160
293.1	216
272.4	595
370.7	653
334.5	608
322.4	567
389.7	524
275.9	505

FILL = 3323 CU. YDS. BORROW = 151/2 = 3882 CU. YDS.

SUMMARY OF QUANTITIES

STATION	TO STATION	TYPE	SIZE	LENGTH	EXCAVATION CU. YDS.	CONCRETE			REINF. STEEL LBS.	TYPE-E GUARD RAIL LIN. FT.	CAST IRON PIPE				VIT. SEWER PIPE			STANDARD CATCH BASIN NO.	REMARKS	
						1:2:3 1/2	1:2 1/2:4	1:3:5			NEW		RELAID	NEW						
											12"	18"	8"	8"	10"	12"				
STRUCTURES UNDER 20 FT.																				
2+43		C.I.P.	12"	42'	40	.65			20									1	1 Std. 12" H.W. Left Side Road	
11+67		"	12"	36'	18	1.30			40									1	1 " 12" Side Road H.W. Left Side Road	
14+48		Slab Top	13' 6"	42'	40	55.40			569										see Plan	
12+05	15+40	E								335									Left Side Road	
12+48	15+36	E								288									Right " "	
17+00		C.I.P.+V.S.P.	10"	154'	4	1.08			20									4	1 std. 12" H.W. " " "	
25+06		C.I.P.	18"	38'	42														Old H.W. Not to be disturbed	
35+28		C.I.P.	12"	36'	10	1.30													2 std. 12" H.W.	
44+02		C.I.P.	12"	36'	10	.65													1 std. 12" H.W. Left Side Road	
Approach to Bridge 0-10	7+00	E								1420									Both Sides of Road (Approach to Bridge)	
TOTAL OF QUANTITIES					164	6038			709	2043	150	38						4		
STRUCTURES FOR PRIVATE DRIVES																				
9+36						1.3			40										24	2 std. H.W. Left Side Road
9+90						1.3			40		20									2 " " Right " "
16+00	16+50					1.3			40					50						2 " " Left " "
30+56	31+46					1.3			40										90	2 " " Right " "
32+75						1.3			40		20									2 " " " " "
45+06	47+12					1.3			40										206	2 " " " " "
48+93	49+43					1.3			40										50	2 " " " " "
TOTAL OF QUANTITIES						9.1			280		40			24	50				346	

MAIN PROJECT

Excavation 4648 Cu. Yds. ✓
Pavement 9783.1 Sq. Yds. ✓
Base Course 10394.6 Sq. Yds.
Guard Rail 623 Lin. Ft.
Finishing Berms 4776 Lin. Ft.

APPROACH TO BRIDGE

Borrow 7182 Cu. Yds.
Pavement 1359.1 Sq. Yds.
Base Course 1436.1 Sq. Yds.
Guard Rail 1420 Lin. Ft.
Finishing Berms 1420 Lin. Ft.

2026