

MICROFILMED  
JUN 24 1983

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS

FED. AID DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	1 33
10	OHIO	E-410-H	1932	

S.H. No 279 - SEC. PT. CLINTON (PT) BRIDGE  
OTTAWA COUNTY

# PORT CLINTON BRIDGE & APPROACHES

## S.H. No 279 - SEC. PT. CLINTON (PT). PORTAGE RIVER BRIDGE & APPROACHES

### VILLAGE OF PORT CLINTON OTTAWA COUNTY

#### OCTOBER - 1932

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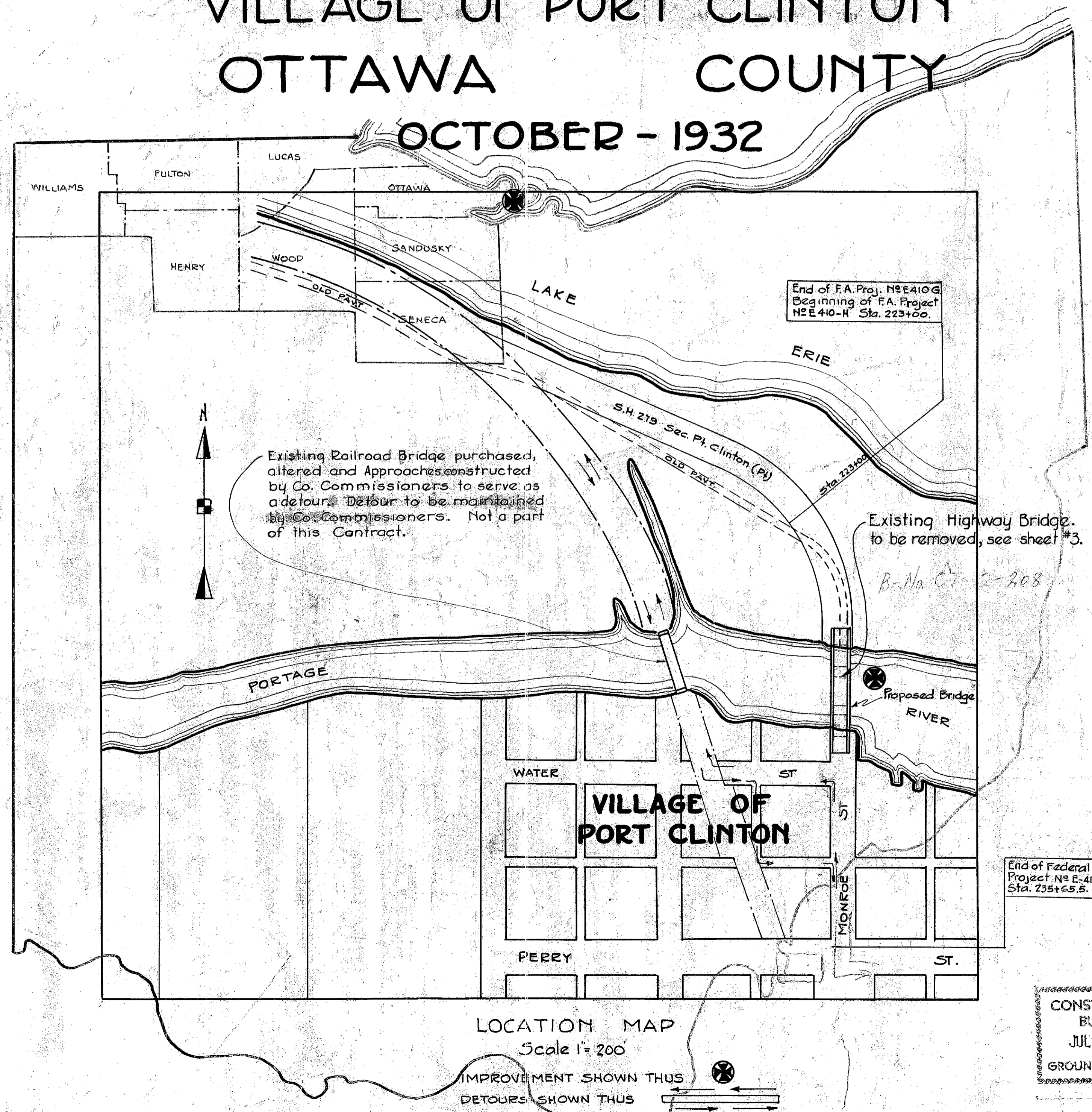
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Plans Revised Dec 14, 1932.  
Additional Sheets No. 11-A, 21-A, 26-A, 31, 33, and 33-A.  
Revised Sheets No. 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32.

Supplemental Structural Standards  
95-96-98-100-123-129  
"Special Specifications for Winter Bridge Construction  
(Oct. 10, 1932) Drg. No. W.B.C.-32"

Approved 10/18/1932  
Board of Ottawa County Commissioners  
*Edw. H. Frank*  
*Arthur C. Beck*  
*William Miller*

Approved October 12, 1932  
Mayor of Pt. Clinton, O. *W. Davis*  
Clerk of Council *W. Carstensen*  
President of Council *W. J. Ernst*



This Project will be governed by the "General Specifications" of the State of Ohio, Department of Highways with Revisions of June, 25, 1932, adopted August 1, 1932; "Supplementary Specifications for Port Clinton Bridge, October 28, 1932 (together with Miscellaneous Specifications called for therein); "Supplemental Specifications for Emergency Highway Construction Projects (Aug. 24, 1932) and "Special Specifications for Winter Bridge Construction (October 10, 1932.) Drawing No. W.B.C.-32."

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 plans and estimates. Right-of-Way has been provided.

Approved *Kurt E. Weiskopf*  
Date 10-18-1932 Resident District Deputy Director

Approved *R. J. Wisda*  
Date 10-18-1932 Resident Division Deputy Director

Approved *Colmer Hilley*  
Date 10/31-'32 Chief Engineer Bureau of Construction

Approved \_\_\_\_\_  
Date \_\_\_\_\_ Chief Engineer Bureau of Maintenance

Approved *J. P. Burkey*  
Date 10-31-32 Chief Engineer Bureau of Bridges

Approved *A. P. Chapman*  
Date 10-31-32 Chief Engineer Asst. Director of Highways

Approved *Oliver W.*  
Date 10-31-32 Director of Highways

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

CONSTRUCTION BUREAU  
JUL 7 1935  
GROUND PHOTOLAB



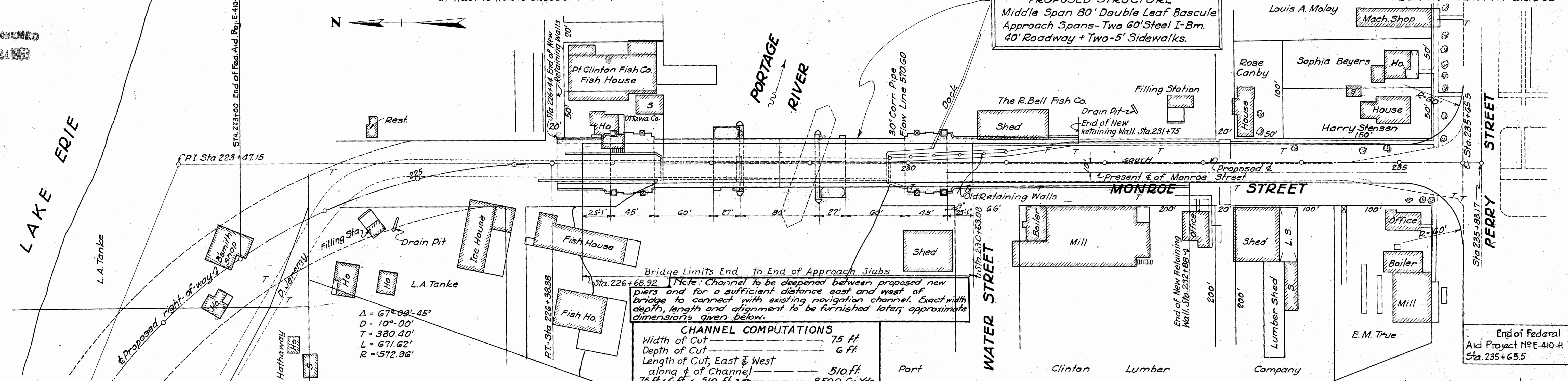
9-7-7-9 Conc. Pavt.  
TYPICAL SECTION OF ABUTTING PAVT. AT BEGINNING OF PROJECT.

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Beginning of Federal Aid Project No E-410-H Sta. 223+00

**EXISTING BRIDGE** to be removed (shown in dashed lines). Steel Truss bridge 229'-4 1/2" ctr. to ctr. of End Pins. North Span (fixed) 78 ft. ctr. to ctr. of Pins. South Span (swing span) 82'-6" South, 64'-6" North Center of Pier to Abutment. Roadway 16 ft. Superstructure to be removed from the site by the Contractor and to become his property as compensation for its removal. Substructure (Piers, Abutments and Fender) included in the proposal as a Lump Sum item. Disposal of Substructure to be as directed by the Engineer but length of haul is not to exceed 1000 ft.

**PROPOSED STRUCTURE**  
Middle Span 80' Double Leaf Bascule  
Approach Spans - Two 60' Steel I-Brn.  
40' Roadway + Two 5' Sidewalks.



Bridge Limits End to End of Approach Slabs  
Sta. 226+68.92

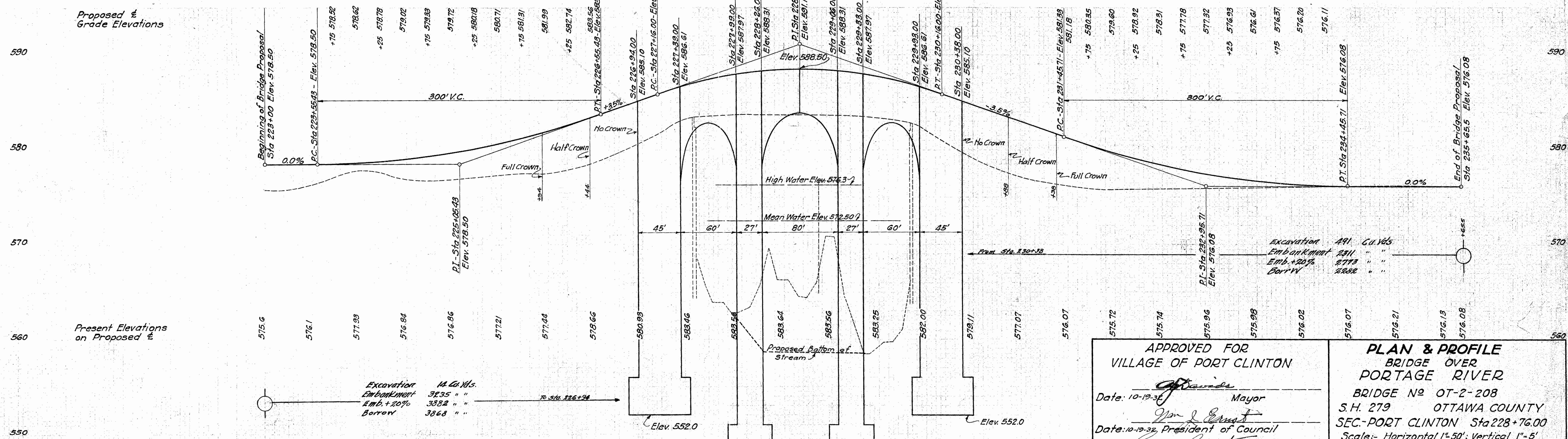
Note: Channel to be deepened between proposed new piers and for a sufficient distance east and west of bridge to connect with existing navigation channel. Exact width, depth, length and alignment to be furnished later; approximate dimensions given below.

**CHANNEL COMPUTATIONS**  
Width of Cut \_\_\_\_\_ 75 ft  
Depth of Cut \_\_\_\_\_ 6 ft  
Length of Cut, East & West along c. of Channel \_\_\_\_\_ 510 ft  
75 ft x 6 ft x 510 ft x 27 \_\_\_\_\_ 8500 Cu. Yds.

$\Delta = 67^{\circ}09'45''$   
 $D = 10^{\circ}00'$   
 $T = 380.40'$   
 $L = 671.62'$   
 $R = 572.96'$

**NOTE**  
For Sidewalk plan beyond proposed New Retaining walls see sheet No 4.  
For Sidewalk thickness see table on Summary sheet No 9

Back Pavt.  
TYPICAL SECTION OF ABUTTING PAVT. AT END OF PROJECT.



Excavation 14 Cu. Yds.  
Embankment 32.35 " "  
Emb. +20% 33.82 " "  
Borrow 38.68 " "

APPROVED FOR VILLAGE OF PORT CLINTON		<b>PLAN &amp; PROFILE</b> BRIDGE OVER PORTAGE RIVER	
Date: 10-19-32	Mayor	BRIDGE No OT-2-208	
Date: 10-19-32	President of Council	S.H. 279 OTTAWA COUNTY	
Date: 10/17/32	Clerk of Council	SEC. PORT CLINTON Sta 228+76.00	
Scale: Horizontal 1"=50'; Vertical 1"=5'		July 1932	
Des.	Drn.	Traced	Ckd.