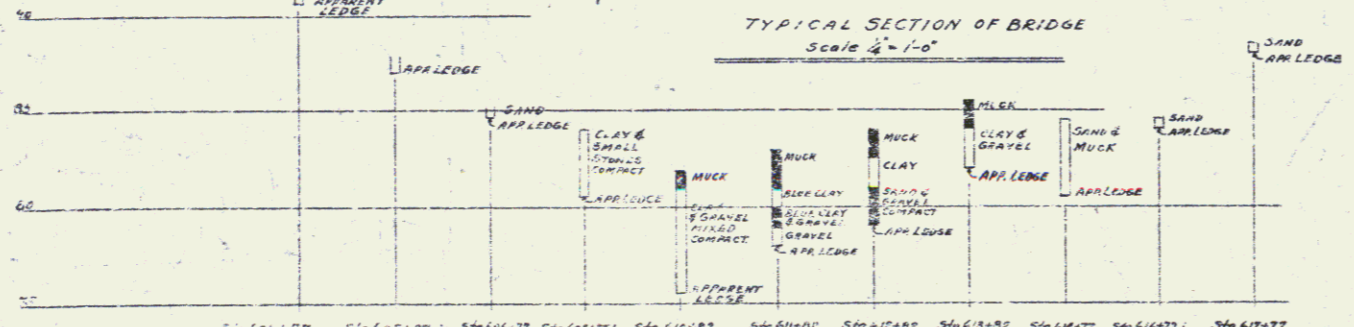
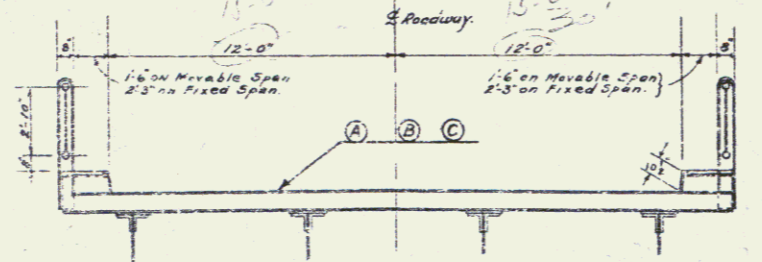
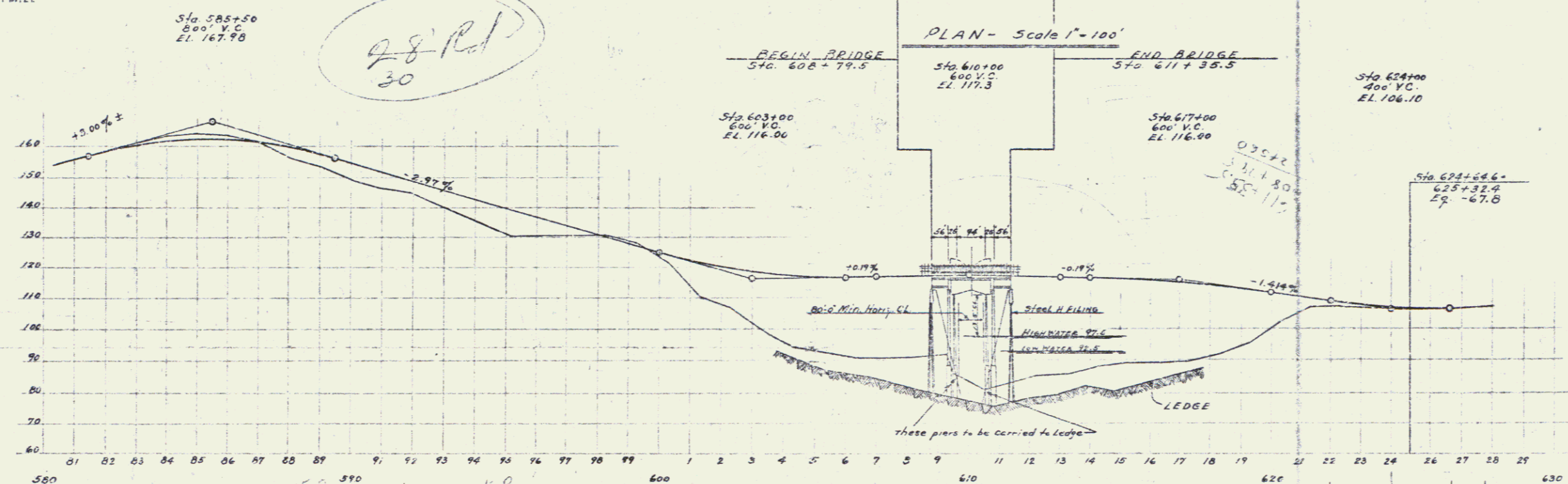
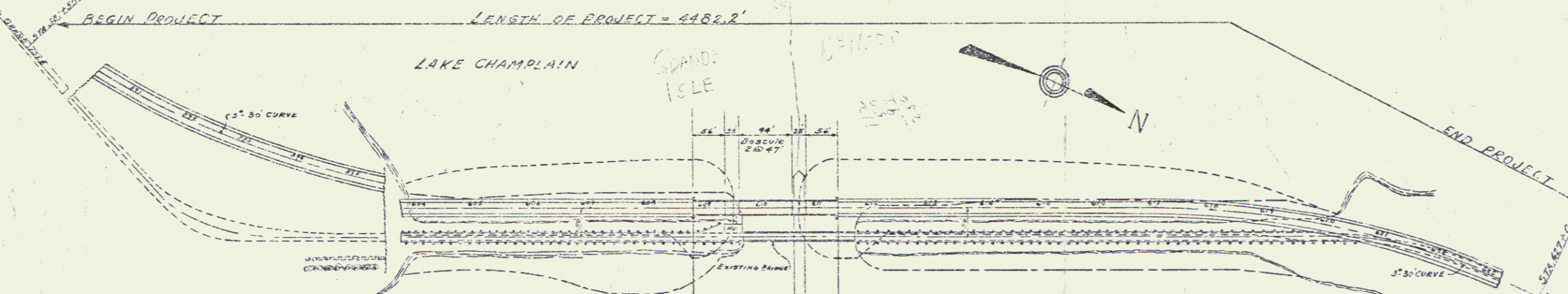


SCALE 1 INCH = 1 MILE



BORING DATA  
VERTICAL SCALE 1/4"

POOR ORIGINAL COPY

	BRIDGE DATA	
	PRESENT BRIDGE	PROPOSED BRIDGE
TYPE	1 Span Steel Truss	Double Leaf Bascule Bridge
OVERALL LENGTH	105.0 FT	36'-5.74'-25'-04" = 256'
CLEAR HEIGHT	5.8 FT @ H.W. EL. 97.5	15.5 FT @ H.W. EL. 97.5
ROADWAY WIDTH	14.0 FT	29.0 FT
WATERWAY		
STREAM VELOCITY	NONE	NONE
SCOUR	NONE	NONE

ESTIMATED QUANTITIES


**NOTES**

Bridge Designed in Accordance with A.A.S.H.O. Spec. Dated 1944, with Live Load of H20 (1944) & 25% Impact Allowance.

Piling shall be Steel H-Piling of sufficient size and shall be driven into ledge approx. 3 to 5 FT. Max. load per pile shall be 40 tons.

Earth embankments shall be protected with stone fill or rip-rap to an elevation of existing bridge shall be retained during construction, and shall then be dismantled. Piers and abutments shall be removed to lake bed.

Navigation Lights of approved design shall be installed on bridge.

Types of Bridge Floor:  
 Approach spans (A) 15'-0" Span Support (16") Max. Concrete Floor  
 Bascule Span (B) 4' - (7'-4") 4c - Open Grid Steel Floor  
 Bascule Support Span (C) 8' - (4'-11") 4c - Filled Grid Steel Floor

CORRECT: 1946  
*A. D. Fisher*  
 BRIDGE ENGINEER  
 APPROVED: DEC. 11, 1946  
*T. B. ...*  
 COMMISSIONER OF HIGHWAYS

PRELIMINARY LAYOUT  
**GRAND ISLE - NORTH HERO BRIDGE**

BRIDGE OVER THE "GUT" LAKE CHAMPLAIN,  
 ON ROUTE U.S. 2

STATE OF VERMONT  
 DEPT. OF HIGHWAYS

Surveyed by  
 Designed by  
 Drawn by H.R.C. 12/6/46  
 Traced by H.R.C.  
 Checked by L.S.P.  
 Series FA 2 No. 122 (?) Filed  
 Sheet 1 of 1 Sheets