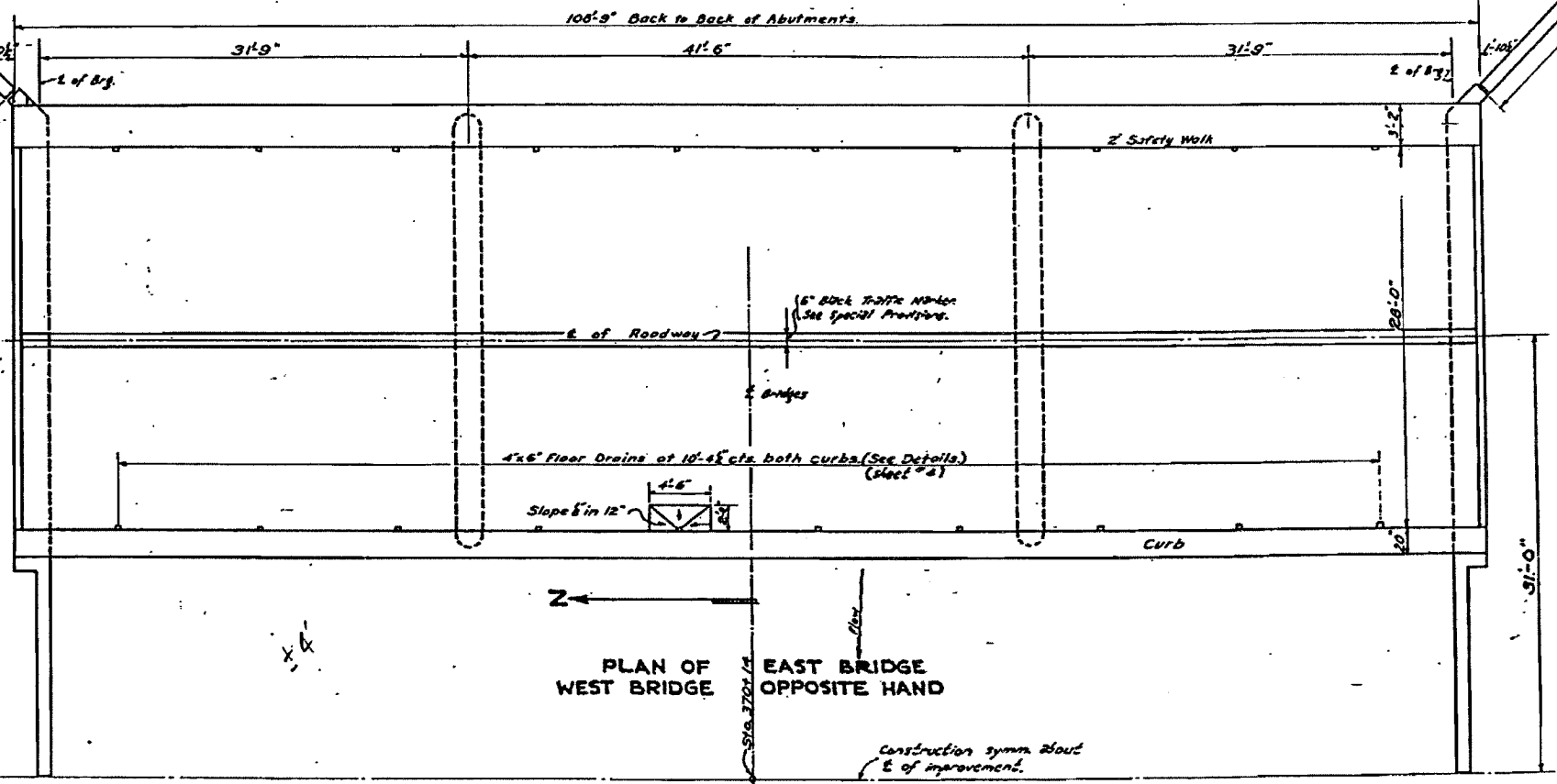
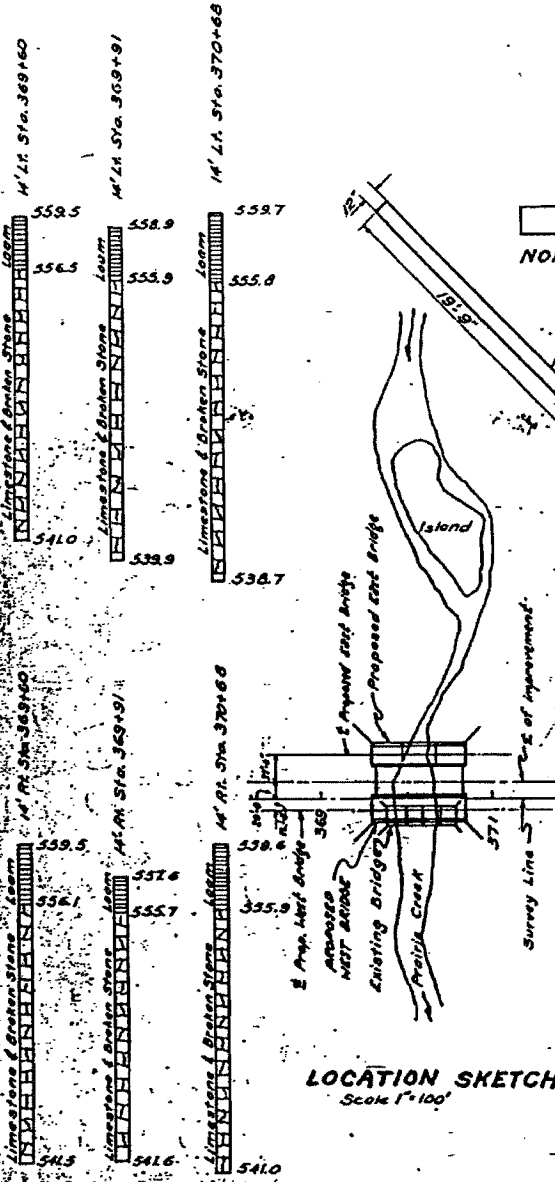
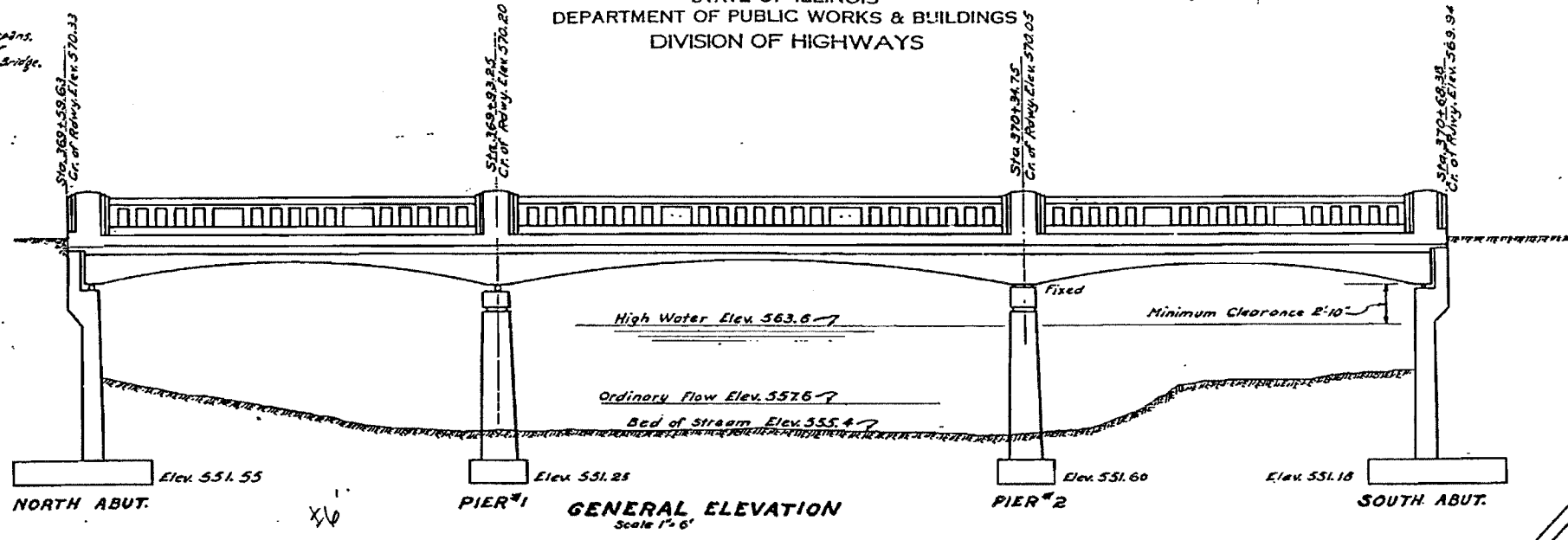


SHEET NO: 48A

NORTHBOUND BRIDGE
STRUCTURE NO. 099-0090
EXISTING PLANS

8.11' x 30" in top of N.W. Wing Wall 36' Rt. of Sta. 369+72.
Elev. 566.10.
Existing Bridge Rtd of 4-span, R.C. Spans 21', 25', 22', 21', spans.
Roadway 24', Built 1922. To be removed by Contractor after
East Bridge is opened to traffic and before constructing West Bridge.



GENERAL NOTES
Class "X" concrete shall be used throughout except as noted.
Hand rail concrete shall be used in hand rail.
Class "A" concrete shall be used in piers.
Concrete floor slab shall be finished in accordance with
Art. 523 (c) of the Standard Specs.
The concrete floor slab and girders shall be poured in
one continuous operation on each bridge.
Prepacked joint filler shall conform to Art. 25.65 & 25.66
incl. of the Supplemental Specs.
Sub-works and hand rail shall not be poured until after
the framework has been removed.
All structural steel shall receive one shop coat of blue
lead paint, after inspection, and two field coats of white
lead paint. Exposed surfaces of metal floor drains shall
receive two field coats of white lead paint.
Paint shall be furnished by the contractor.

TOTAL BILL OF MATERIAL - 2 BRIDGES

ITEM	SUBTR.	SUPER.	TOTAL
Class "X" Concrete	Cu.Yds. 408.8	312.6	721.4
Class "A" Concrete	Cu.Yds. 178.2		178.2
Reinforcement Bars	Lbs. 40,760	97,140	146,920
Hand rail Concrete	Cu.Yds. 25.2	25.2	50.4
Arch Excavation for Stc	Cu.Yds. 648		648
Structural Steel	Lbs. 2,280		2,280
Floor Drains	EACH 40		40
Removal of Exst. Structure	EACH 94		94

only one bridge
built under
Contract 1942.
(NB)
(East Br.)

FOUNDATION BORINGS

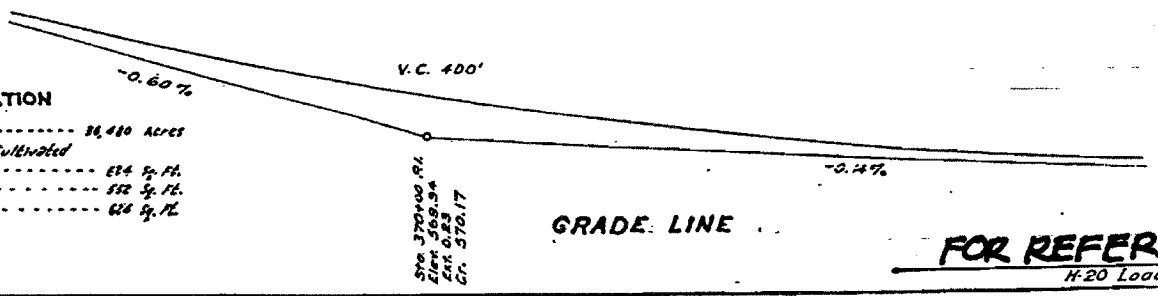
Boring data to be shown in the drawings
only, as a guide to bidders in estimating
soil conditions which may be encountered
in the work.

COMPUTED	R.S. BUTLER	EXAMINED	8-27-41
CHECKED	R. J. BULL		
DRAWN	R. W. BULL	PASSED	
CHECKED	R.W.		
SPECIAL	ASSEMBLED	APPROVED	W.W. ROLL
	CHECKED		

Revised 9-10-41 G.P.B.

WATERWAY INFORMATION

Drainage Area 38,480 ACRES
Character Rolling, City, Cultivated
opening req'd for 2" a.s. (Tribut) 874 sq. ft.
Present opening (below H.W.) 852 sq. ft.
Proposed Bridge opening 618 sq. ft.



GRADE LINE

FOR REFERENCE ONLY
H-20 Loading

D.R.-W.I.-FAPROJECT 4-C (1)
BRIDGE OVER PRAIRIE CREEK
F.A.R.T.E. 5 SEC. 4-R-B
WILL COUNTY
STA. 370+14