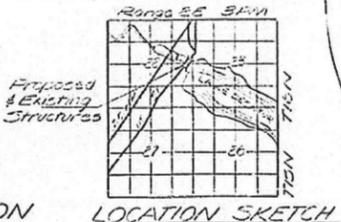
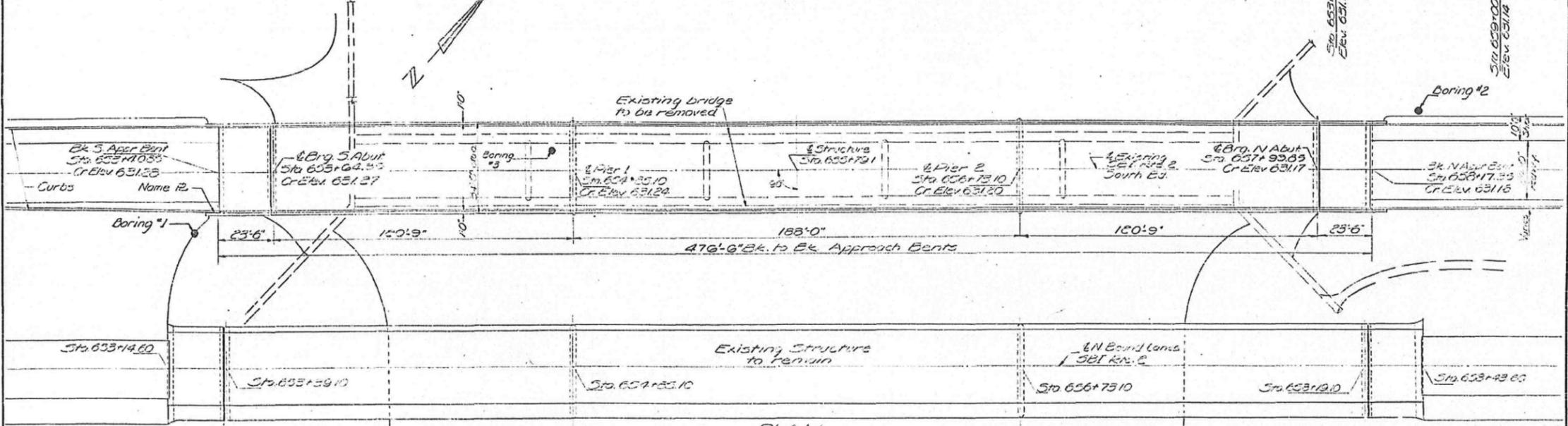
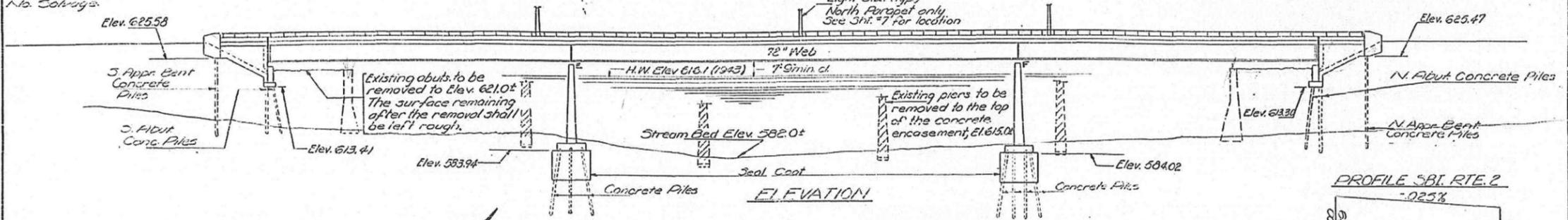


BM: N. End Dam Top NW Corner of Headgate (U.S.G.S. T15-28F) Elevation 622.89
 Existing Structure: Deck Pile Bridge with 3 simple spans of 75' with 28' Rdwy. on steel and concrete piers and concrete closed abutments. Existing N Structure to be removed by Bridge Contractor before starting new construction. East Bound traffic to be detoured over South Structure. No. Solways.

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS
 DIVISION OF HIGHWAYS

SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 1
16	488	MACON	26	11	16 SHEETS



DESIGN STRESSES

$f_c = 1200$ psi (Super)
 $f_s = 20,000$ psi (Reinf.)
 $f_s = 20,000$ psi (Struct)
 $f_c = 1400$ psi (Curb, Parapet & Sub)
 $w_c = 75$ psi (Figs)
 $n = 10$
 $E = 41200$ (Composite)
 $E = 41000$ (Accouton-composite)
 Fut. WS. 25 psp. $E = 41000$ ASD
 Design Specs. 1989 ASD
 (as applicable)

WATERWAY INFORMATION

Drainage Area - 906 Sq. Mi.
 Character - Level, rolling & cultivated
 Present Opening - 9570 Sq. Ft.
 Req'd Opening - 9000 Sq. Ft.
 Proposed Opening - 10000 Sq. Ft.
 * Incl. area for piers
LOADING HS20-44

DESIGNED	EXAMINED	DESIGNED	3/27/72
CHECKED	PASSED	APPROVED	Richard H. G. [Signature]
DRAWN			
CHECKED			

GENERAL PLAN & ELEVATION
 So. Bound FA. RTE 2 OVER LAKE DECATUR

FA. RTE 2 28' BR
 MACON COUNTY
 STA 653+10.55 TO 658+43.60

BLANK, WESSELINK, COOK & ASSOCIATES DECATUR, ILLINOIS ENGINEERS - CONSULTANTS DESIGN FIRM NO. 184000894

FILE NAME =	USER NAME =	DESIGNED PBB	REVISED -
		CHECKED	REVISED -
		DRAWN MLO	REVISED -
		CHECKED	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS

SHEET NO. 24 OF 39 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(48X-B-2)BR & (48)BR	MACON	144	62
			CONTRACT NO. 74438	
ILLINOIS FED. AID PROJECT				