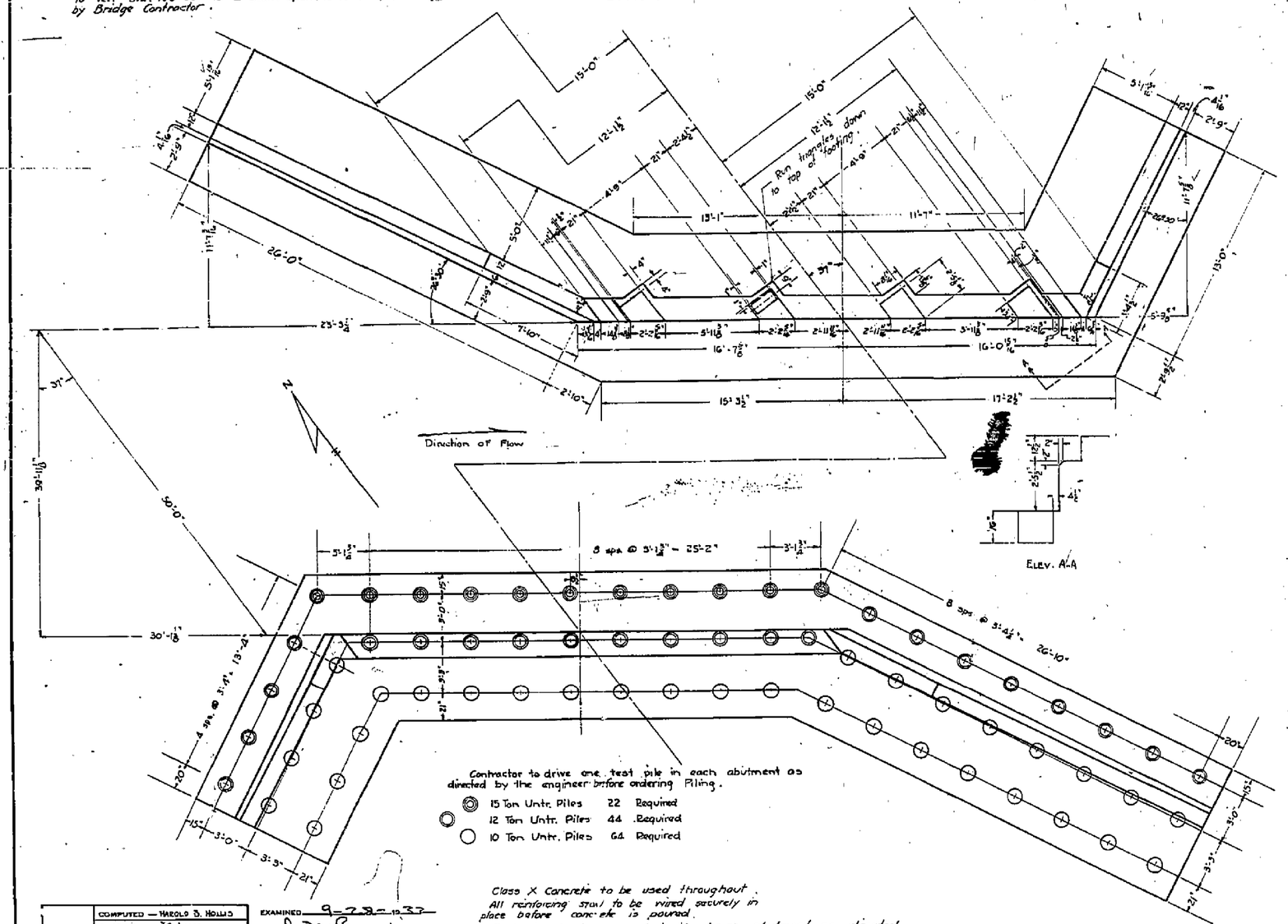
ESCA CONSULTANTS, INC.
CIVIL & STRUCTURAL ENGINEERS
SPRINGFIELD, ILLINOIS

Bench Mark: Mark X on N.W. Wing-Wall 60' Lt. sta. 707+00, Elev. 418.93.
Existing Structures: Eighty feet (80) left sta. 705+80 - 34' I-Beam span & 70' left sta. 706+00 - 18' I-Beam span, 16' roadway, To be removed by Bridge Contractor.

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

SECT. NO.	COUNTY	TOTAL SHEETS	SHEET NO.
181 - 109B	Lawrence	56	56

SHEET NO. 3
3 SHEETS



Contractor to drive one test pile in each abutment as directed by the engineer before ordering Piling.

◎	15 Ton Untr. Piles	22 Required
○	12 Ton Untr. Piles	44 Required
○	10 Ton Untr. Piles	64 Required

Class X Concrete to be used throughout.
All reinforcing steel to be wired securely in place before concrete is poured.
Contractor to drive one test pile at each abutment as directed by the engineer before ordering piling.

STANDARD	COMPUTED	HAROLD B. HOLLIS
	CHECKED	J.C. ABBERSON
	DRAWN	HAROLD B. HOLLIS
	CHECKED	J.C.A.
SPECIAL	ASSEMBLED	
	CHECKED	

EXAMINED 9-28-1937 — BRIDGE ENGINEER
PASSED — ENGINEER OF DESIGN
APPROVED — CHIEF HIGHWAY ENGINEER

S.B.I. ROUTE 181 SEC. 109-B
LAWRENCE COUNTY
STA 705+40

FOR INFORMATION ONLY

FILE NAME =	USER NAME = steffenmk	DESIGNED - DAJ	REVISED -
	DRAWN - HAS		REVISED -
	PLOT SCALE = 0.1667 ' / in.	CHECKED - ELH	REVISED -
	PLOT DATE = 6/2/2014 1:12:52 PM	DATE - 02/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS

SCALE: | SHEET NO. 2 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	109B-1	LAWRENCE	34	26
		CONTRACT NO. 74105		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT AID		