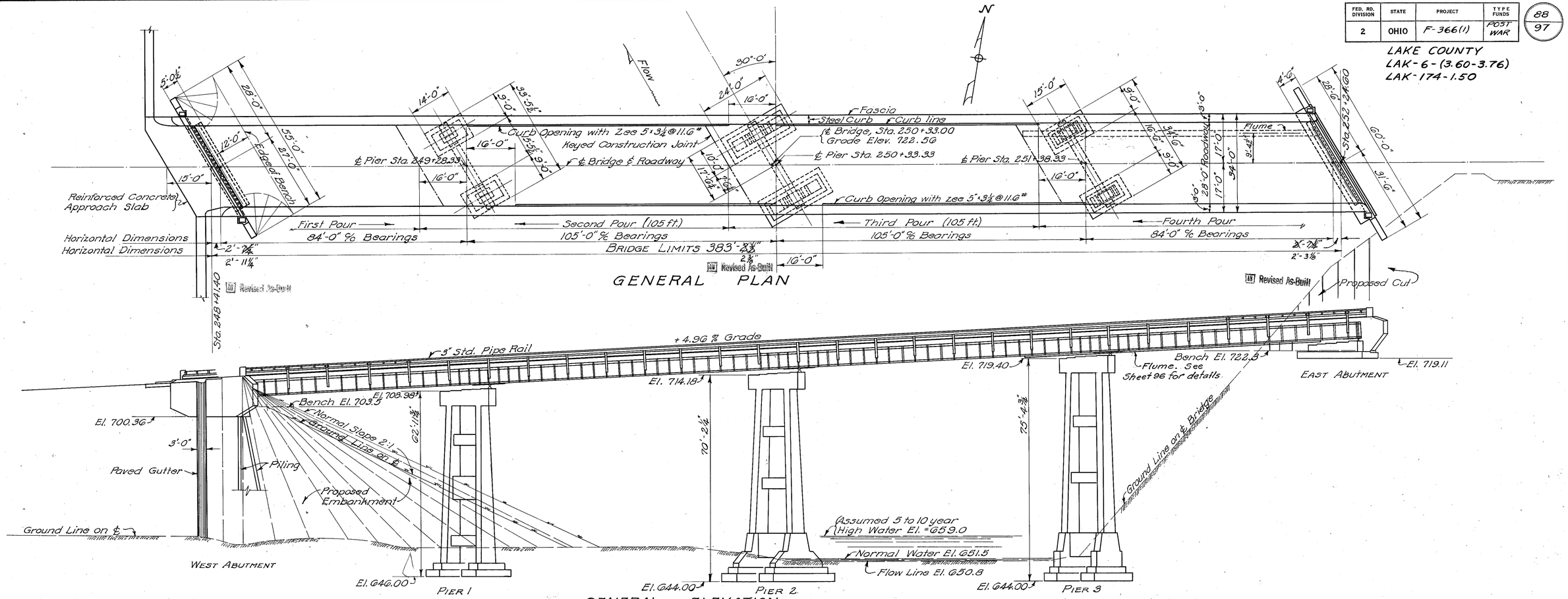
FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO	F-366(1)	POST WAR

88
97

LAKE COUNTY
LAK-6-(3.60-3.76)
LAK-174-1.50



GENERAL PLAN

GENERAL ELEVATION

ESTIMATED QUANTITIES

ITEM	TOTAL	UNIT	DESCRIPTION	ABUTMENTS		PIERS			SUPER-STRUCTURE	GENERAL	As Built	
				WEST	EAST	1	2	3				
E-2	Lump Sum		Cofferdams, cribs and sheeting							Lump		
E-2	193	Cu. Yd.	Unclassified excavation	31		94	57	11			181	CO 7&12
E-2	197	Cu. Yd.	Shale or rock excavation		30	8	92	67			279	CO 12
S-1	220	Cu. Yd.	Class "C" concrete, superstructure						220			
S-1	123	Cu. Yd.	Class "E" concrete, abutments	61	62						137.3	CO 7
S-1	362	Cu. Yd.	Class "C" concrete, piers above footings			98	133	131				
S-1	134	Cu. Yd.	Class "E" concrete, pier footings			33	65	36				
S-3	1190	Sq. Yd.	Type "C" waterproofing						1190			
S-4	143,110	Lb.	Reinforcing steel	4500	2751	16071	29585	17280	72,050	219		
S-7	606,000	Lb.	Structural steel						606,000			
S-8	606,000	Lb.	Field painting of structural steel						606,000			
S-14	770	Lin. Ft.	Railing (steel with concrete end posts)						770			
S-16	Lump Sum		First test pile							Lump		
S-18	420	Lin. Ft.	Steel piling, 12" BP @ 53 lb.	420							0	C.O. 2
S-18	-	Lin Ft.	Steel piling, 14" BP @ 89 lb								214	CO 2&6
S-29	372	Lin. Ft.	Subdrainage for wearing surface course						372			
T-35	81	Cu. Yd.	Asphaltic concrete surface course Type "A" or "C" (70-80)						81			

Revised As-Built WHG 12-14-55

GENERAL NOTES

REFERENCE shall be made to Standard Drawing RB-1-47 revised 7-27-49.

EXCAVATION QUANTITY for the west abutment includes the removal of till material between top of earth bench and bottom of abutment.

PILING shall be driven to shale with a minimum bearing capacity of 45 tons.

FOOTINGS for the piers and west abutment shall extend a minimum of 3 inches into hard shale or to elevations shown, which ever is the lower elevation.

WELDING shall be class "A" unless otherwise noted. Welds shown as field welds may, at the option of the contractor, be made in the shop.

RUBBED SURFACE FINISH is required on the railing end posts. Finish on all other exposed surfaces shall be governed by the provisions of Item 3-1.

DECK CONSTRUCTION PROCEDURE

Deck slab shall be poured in sections, between skewed transverse construction joints in the numerical order and in the direction indicated on the general plan, in order that the major portion of the dead load deflection may occur prior to placing concrete over each pier.

This construction procedure may start at either end of the bridge.

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
BUREAU OF BRIDGES AND RAILROAD CROSSINGS

GENERAL PLAN AND ELEVATION NOTES AND ESTIMATED QUANTITIES BRIDGE No. LA-6-47 OVER CHAGRIN RIVER

LAKE COUNTY
SEC LAK-6-(3.60-3.76) STA. 250+33
F-366(1)

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
K.E.B.	K.E.D.	J.D.J.	C.F.B.	W.H.G.	4-11-50	4-19-50