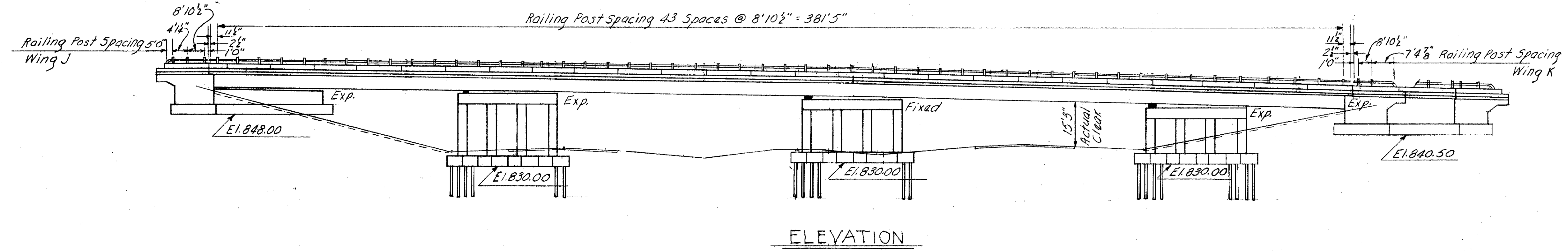
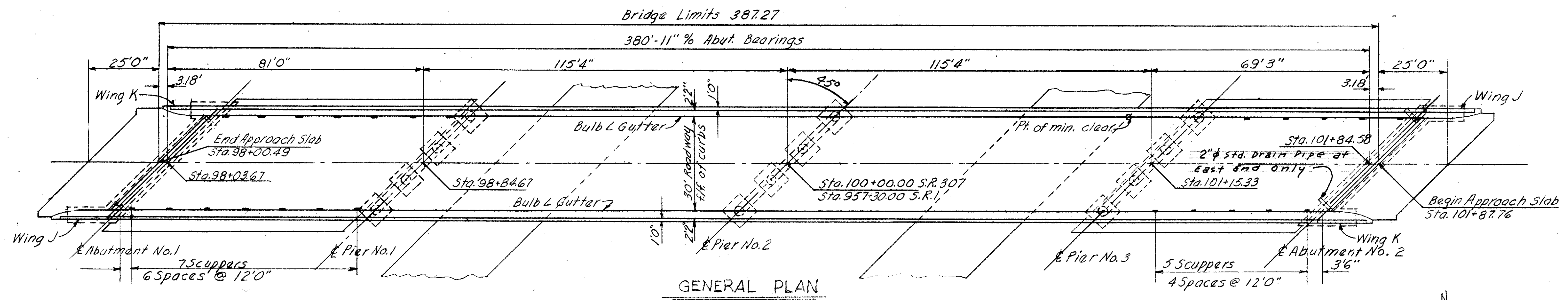


LAKE COUNTY
SEC. LAK-1-22.60



GENERAL NOTES

Design Specifications: This structure conforms to the requirements of "Design Specifications for Highway Structures" of the State of Ohio, Department of Highways, dated 9-1-57, together with revisions thereof dated 2-21-58. Reference shall be made to Standard Drawings RB-1-55, dated 3-1-55, CSB-2-56, sheets 2 & 3 of 6, Revised 3-1-58, and to AR-1-57, Revised 3-1-58, also to supplemental specification S114 Revised 8-1-57.

Slope Facing (S-29.05) One foot thick shall be provided as indicated on General Plan.

Excavation Quantity includes the removal of fill material between the bottom of abutment and the surface of the proposed embankment. Backfill behind the abutments shall be made with material meeting the requirements of Sec. I-22 and shall be compacted in accordance with requirements for embankment compaction. Payment for backfill shall be included with Item E-2, unclassified excavation.

+0.67%
-5.1025%

P.K. 100+50
Elev. 864.25
V.C. 900'
M.O. -6.58

ESTIMATED QUANTITIES							
ITEM	TOTAL	UNIT	DESCRIPTION	SUPERST	ABUTMENTS	PIERS	GENERAL
E-2	512	Cu. Yds.	Unclassified Excavation		278	234	
S-1	400	Cu. Yds.	Class "C" Concrete, Superstructure	400			
S-1	105	Cu. Yds.	Class "C" Concrete, Pier Caps & Columns			105	
S-1	144	Cu. Yds.	Class "E" Concrete, Abutments above Footings		144		
S-1	226	Cu. Yds.	Class "E" Concrete, Footings		70	156	
S-4	160,019	Lbs.	Reinforcing Steel	103,710	17,101	39,208	
S-7	565,000	Lbs.	Structural Steel	565,000			
S-8	565,000	Lbs.	Painting Structural Steel	565,000			
S-14	839	Lin. Ft.	Railing (Aluminum Rail & Supports & Concrete Parapets)	767	72		
S-16	Lump	Sum	First Test Pile			Lump	
S-18	2,700	Lin. Ft.	12" Cast-in-place Reinforced Concrete Piles			2,700	
S-29	12	Cu. Yds.	Porous Backfill		12		
S-29	227	Cu. Yds.	Slope Facing (S 29.05 Type)		227		

SEC. C-35 FED. AID PROJ. NO. ACI-1103(29)

PREPARED BY
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.
FOR
STATE OF OHIO
DEPARTMENT OF HIGHWAYS

GENERAL PLAN & ELEVATION
BRIDGE NO. LAK-1-2417
S.R.I UNDER RELOC. S.R. 307
LAKE COUNTY
STA. 957 + 30.00

DESIGNED	DRAWN	TRACED	CHECKED	REVISED DATE	REVISED
PJP	T.E.B.				7-9-58