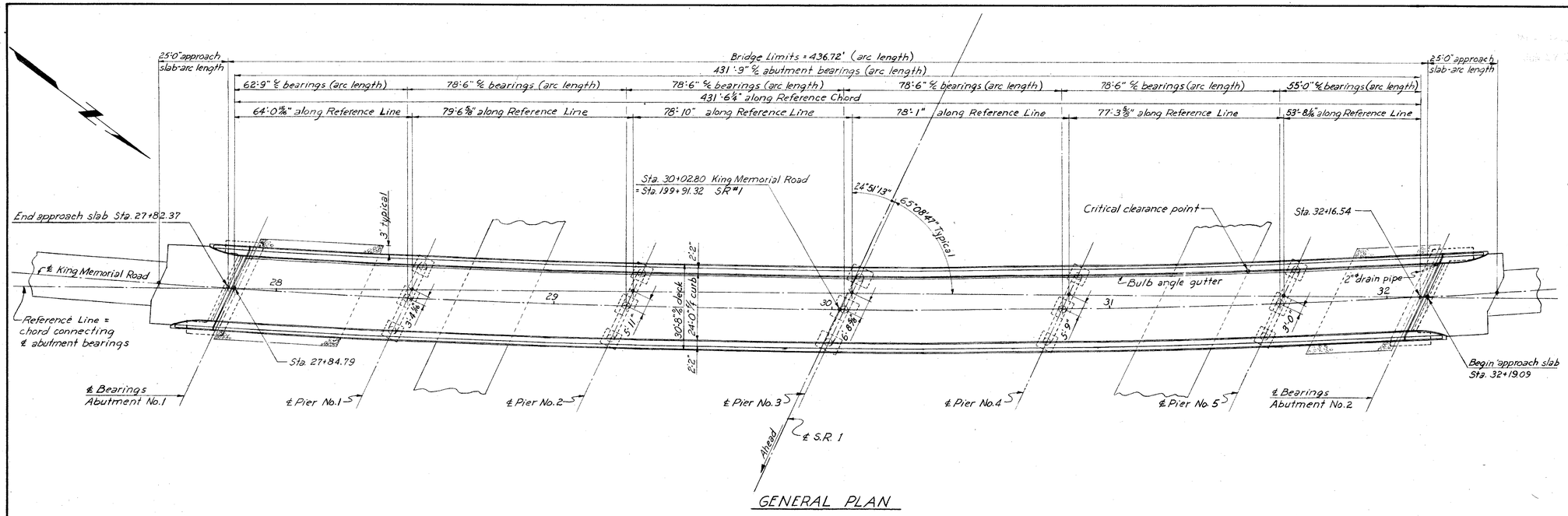
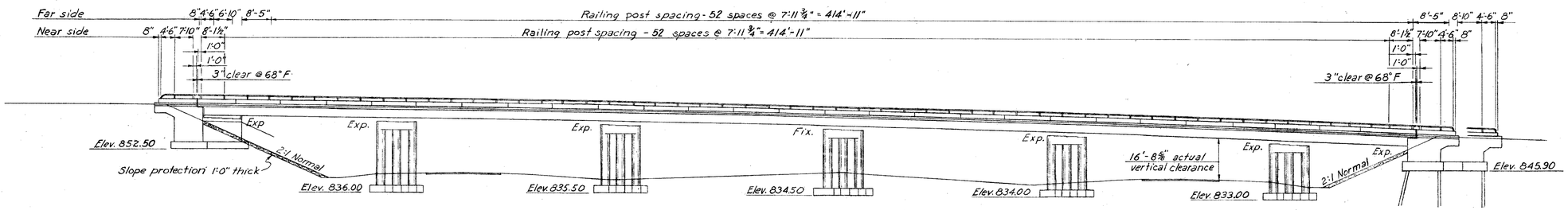
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

275
306

LAKE COUNTY
SEC. LAK-1-10.38



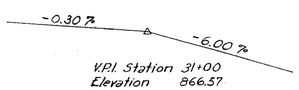
GENERAL PLAN



ELEVATION

ESTIMATED QUANTITIES

ITEM	TOTAL	UNIT	DESCRIPTION	SUPERSTR.	ABUTS.	PIERS	GENERAL
E-2	331	Cu. Yds.	Unclassified excavation		316	15	
E-2	138	Cu. Yds.	Shale excavation		8	130	
S-1	416	Cu. Yds.	Class "C" concrete, superstructure	416			
S-1	130	Cu. Yds.	Class "C" concrete, pier caps & columns			130	
S-1	107	Cu. Yds.	Class "E" concrete, abutments, above footings		107		
S-1	121	Cu. Yds.	Class "E" concrete, footings		61	60	
S-4	154,814	Lbs.	Reinforcing steel	108,225	12,163	34,426	
S-7	353,400	Lbs.	Structural steel	353,400			
S-8	353,400	Lbs.	Field painting of structural steel as per plan	353,400			
S-14	924	Lin. Ft.	Railing (aluminum rail and supports, concrete parapet)	868	56		
S-16	Lump	Sum	First test pile				Lump
S-18	272	Lin. Ft.	Steel piles, 12 BP53		272		
S-29	26	Cu. Yds.	Porous backfill		26		
I-10	365	Sq. Yds.	Crushed aggregate slope protection				365



V.P.I. Station 31+00
Elevation 866.57
L.V.C. 600'
M.O. 4.28'

VERTICAL CURVE DATA

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 current revisions thereof.
- CRUSHED AGGREGATE SLOPE PROTECTION (I-10.04), one foot thick, shall be provided as indicated on the General Plan.
- REFERENCE shall be made to Standard Drawings RB-1-55, revised 2-2-59; CSB-2-56, sheets 2 and 3 of 6, revised 2-2-59; and AR-1-57, revised 2-2-59.

PROPOSAL NOTES: See Proposal for notes concerning the requirements for A-373 Steel and Machine Finishing of Bridge Deck Slabs.

SEC. C-31A

PREPARED BY
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.
FOR
STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

GENERAL PLAN
BRIDGE NO. LAK-1-1050
S.R. 1 UNDER KING MEMORIAL ROAD
LAKE COUNTY
STA. 199+91.32

DESIGNED	DRAWN	TRACED	CHECKED	REVISED DATE	REVISED
JJM	JJM		RLK		3-1-60