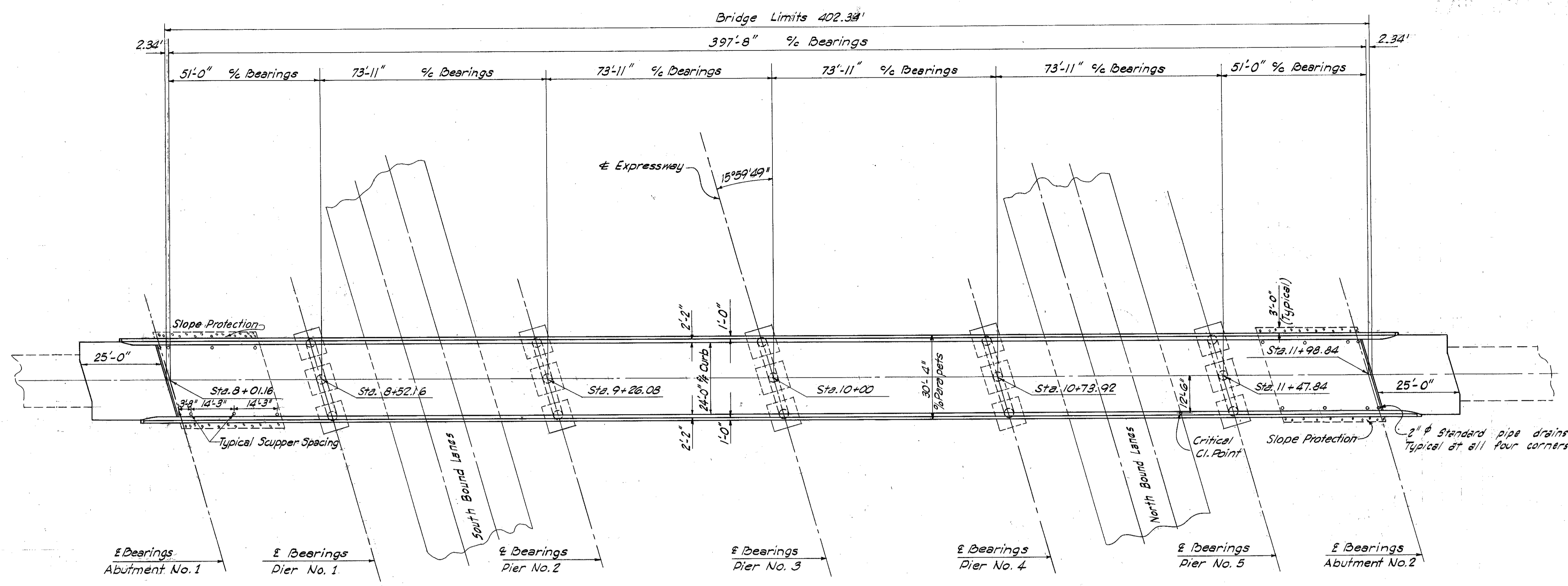


MICROFILMED
SEP 6 1965

FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO	I-1102(6)	

380
458

CUYAHOGA & LAKE COUNTIES
CUY-1-15.91 LAK-1-0.00



GENERAL PLAN

GENERAL NOTES

Reference shall be made to *Standard Drawings* CSB-256, RB-1-55, & AR-1-57 revised 2-2-59, and *Supplemental Specification* 3-101 dated 12-2-59.

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, revised 2-21-58.

LOADING: C.F. = 130 (57)

Excavation quantity includes the removal of fill material between the surface of the proposed embankment and the bottom of the abutment.

Welding of structural steel shall be Class 2, except as shown otherwise. Any welds shown as field welds may, at the option of the Contractor, be made in the shop.

Pier footings shall extend a minimum of 3' into solid shale, but shall not be placed higher than the elevations shown.

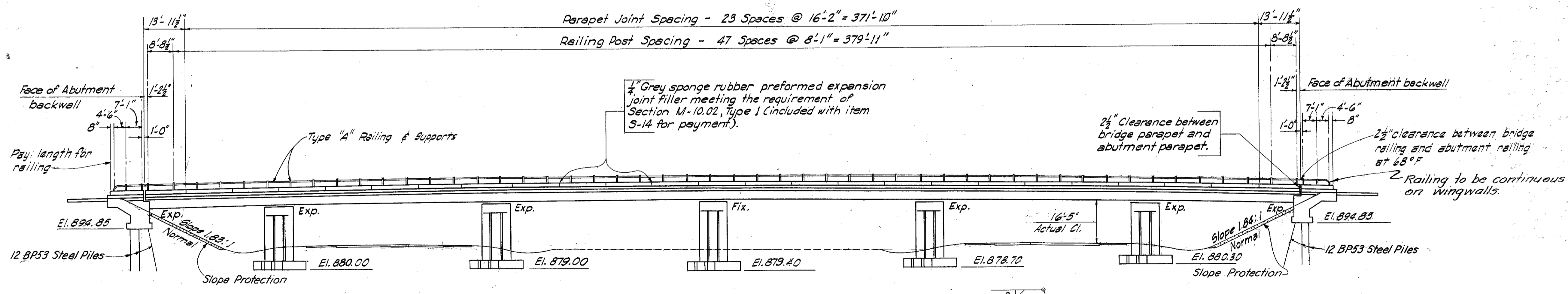
Piles shall be driven with a hammer of not less than 11,000 ft. lbs. per blow to firm contact with shale. If the length of penetration is approximately equal to the depth to shale according to the bridge foundation investigation report, the firm contact shall be considered as attained when the capacity according to the formula in Sec. 8-18.05 is not less than the following value for a pile hammer of the indicated rating:

- For the Abutment No. 1 Piles
 - 47 Tons per pile using a 11,000 ft. lb. hammer
 - 42 Tons per pile using a 15,000 ft. lb. or greater hammer.
- For the Abutment No. 2 Piles
 - 43 Tons per pile using a 11,000 ft. lb. hammer
 - 39 Tons per pile using a 15,000 ft. lb. or greater hammer.

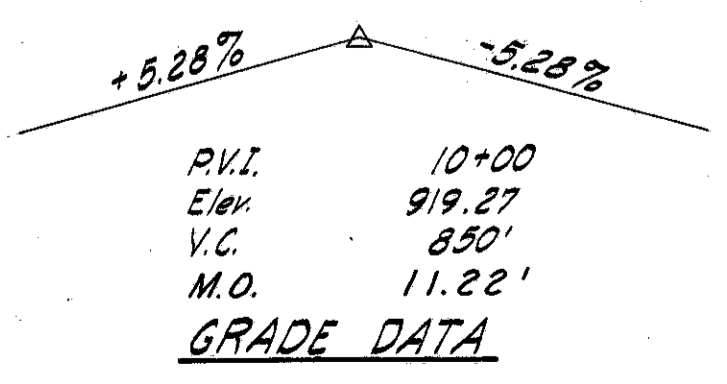
If the energy rating of the hammer used is between the ratings as shown above, the required formula capacity shall be determined by interpolation. The design load is 30 Tons per pile for both abutments.

MACHINE FINISH: The concrete bridge deck shall be finished as specified in the proposal note, "Machine Finishing of Bridge Deck Slabs."

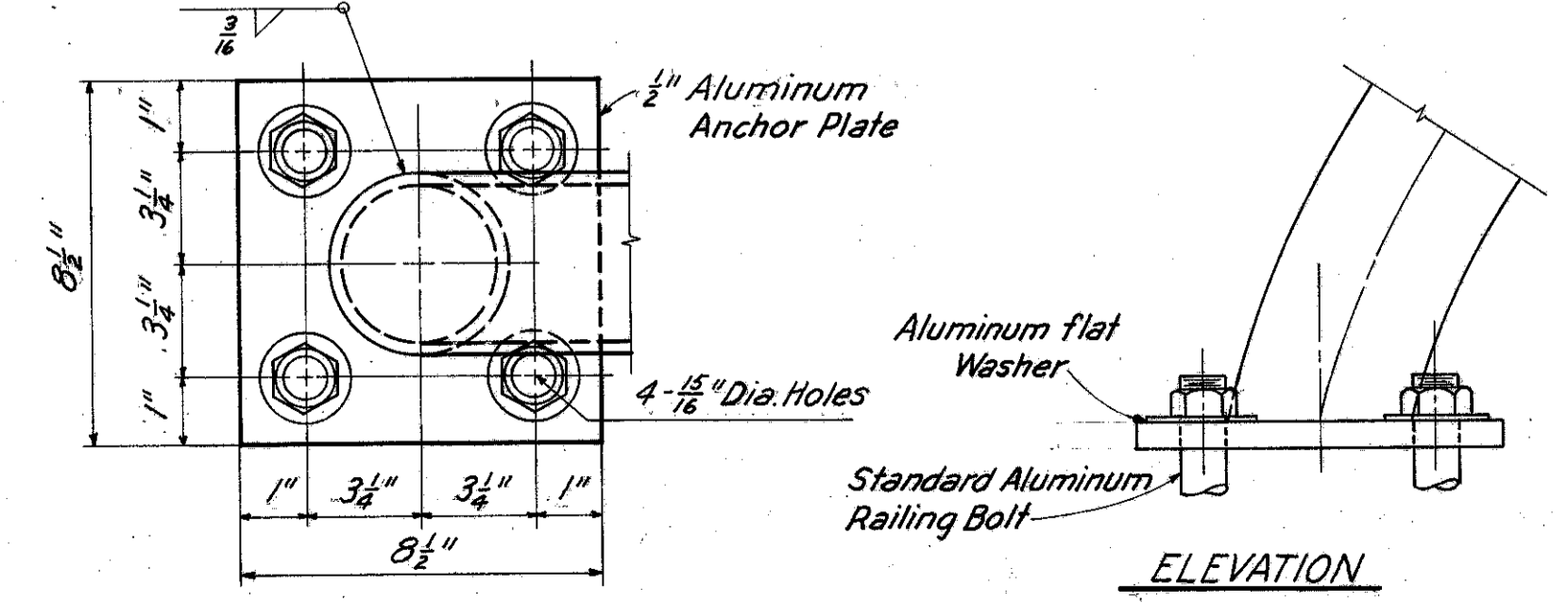
STEEL: See proposal regarding A-373 steel.



ELEVATION



R.V.I. 10+00
Elev. 919.27
V.C. 850'
M.O. 11.22'
GRADE DATA



DETAIL OF RAILING ANCHOR PLATE AT END OF PARAPET

MICHAEL BAKER JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

GENERAL PLAN & ELEVATION
BRIDGE NO. LAK-1-0002
UNDER WHITE ROAD

LAKE CO.				STA. 1+21.89	
Designed	Drawn	Traced	Checked	Reviewed-Date	Revised
G.S.W.	A.D.	A.D.	J.V.W.	H.G.H. 12-30-58	1-19-60