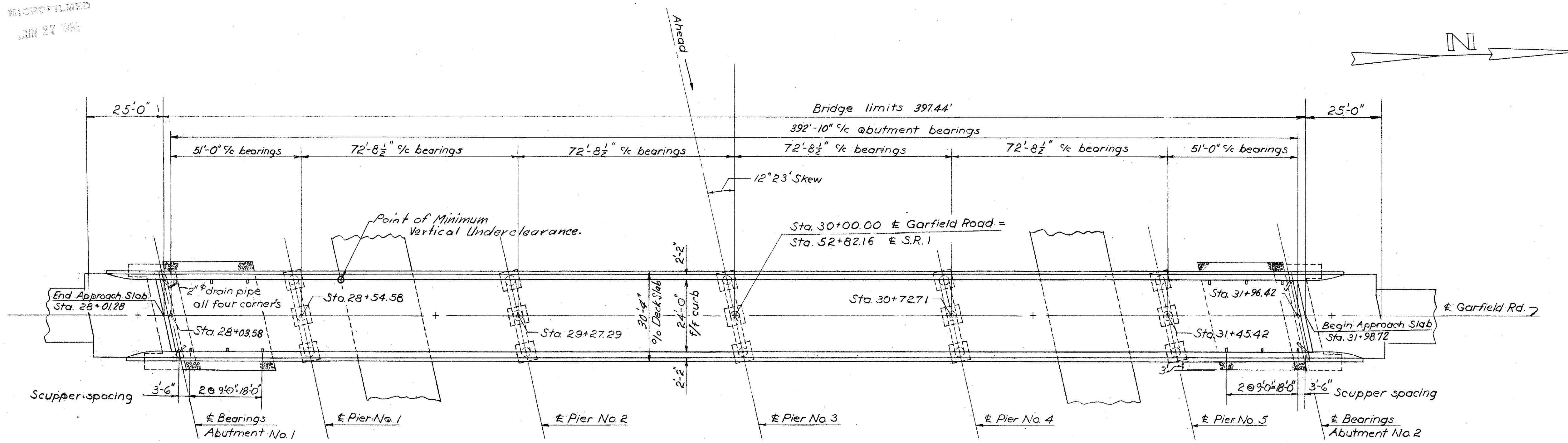


MICROFILMED
JUN 27 1962

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

230
277

LAKE COUNTY
SEC. LAK-1-6.97



GENERAL PLAN

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.

REFERENCE shall be made to Standard Drawings RB-155, revised 2-2-59, CSB-2-56, sheets 2 and 3 of 6, revised 2-2-59, AR-1-57 revised 2-2-59, and Supplemental Specification 5-101, dated 12-2-59.

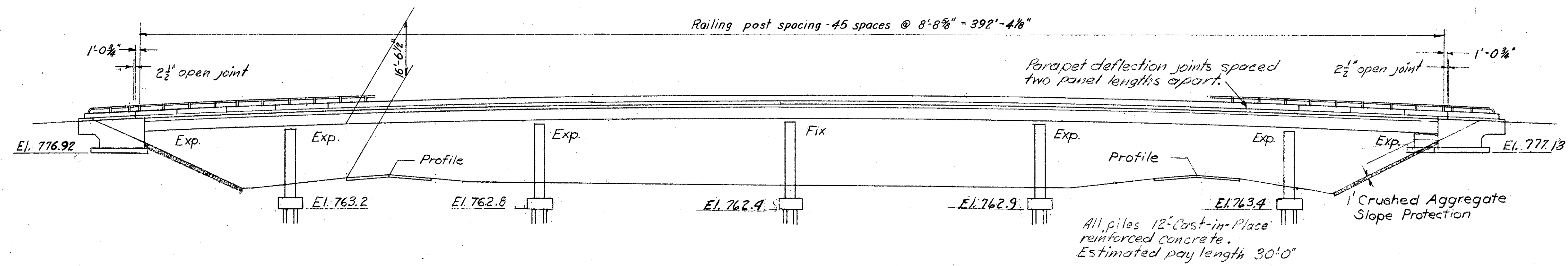
CRUSHED AGGREGATE Slope Protection (I-10.04), One foot thick, shall be provided as indicated on the General Plan.

EXCAVATION QUANTITIES includes the removal of fill material between the surface of the proposed embankment & the bottom of the footings.

WELDING of structural steel shall be class "A" except as shown. Welds shown as field welds may, at the option of the contractor, be made in the shop.

PROCEDURE: The embankment shall be placed & compacted up to the finished spill-thru slope & to the level of the subgrade for a distance 200 feet back of the abutments before excavation for abutments is made and the piles driven at piers 1 & 5.

POROUS BACKFILL shall extend full length of abutment backwall and upward to the approach slab. Excavation thereof, in excess of that required for construction of the abutments, shall be considered as paid for in the bid price per cu. yd. paid for porous backfill.

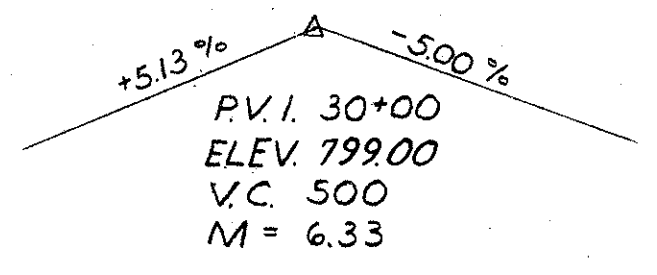


ELEVATION

MACHINE FINISH: The concrete bridge deck shall be machine finished as specified in the Proposal: "Machine Finishing of Bridge Deck Slabs"

STEEL: See Proposal regarding A-373 Steel.

ESTIMATED QUANTITIES								
ITEM	TOTAL	UNIT	DESCRIPTION	SUPERSTR.	ABUTS.	PIERS	GENERAL	As Built
E-2	437	Cu.Yds.	Unclassified excavation		184	253		
S-1	398	Cu.Yds.	Class "C" concrete superstructure	398				
S-1	118	Cu.Yds.	Class "C" concrete pier caps, and columns			118		
S-1	68	Cu.Yds.	Class "E" concrete abutments above footings		68			68.15 + 12.32 = 80.32
S-1	208	Cu.Yds.	Class "E" concrete, footings		114	94		68.15 + 12.32 - 81.87 = 126.13
S-4	136,364	Lbs.	Reinforcing steel	92,390	9400	34,574		
S-7	270,100	Lbs.	Structural steel	270,100				
S-8	270,100	Lbs.	Field painting of structural steel, as per plan	270,100				
S-14	833	Lin. Ft.	Railing (aluminum rail, supports, conc. parapets)	790	43			
S-16	Lump	Sum	First test pile				Lump	
S-18	2520	Lin. Ft.	Reinforced Concrete Piles 12" Cast-in-Place			2520		68.15 - 518.73 = 2001.27
S-29	24	Cu.Yds.	Porous backfill		24			68.15 - 54.0 = 18.60
T-10	314	Sq. Yds.	Crushed aggregate slope protection				314	-31.08 = 283



VERTICAL CURVE DATA

SEC. C-31

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-1-0775
S.R.1 UNDER GARFIELD ROAD
LAKE COUNTY
STA. 52 + 82.16

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
	JDF		DET			
			7.28			
			8.3			