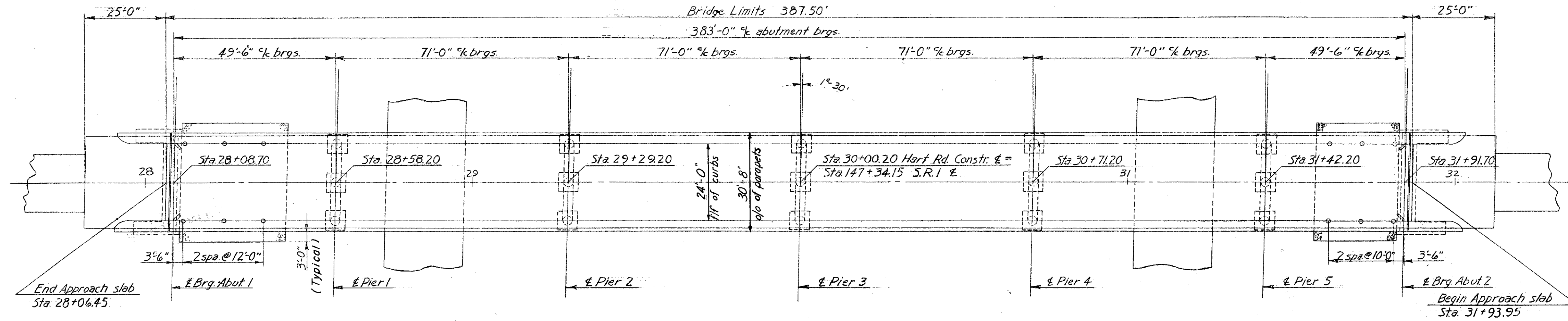


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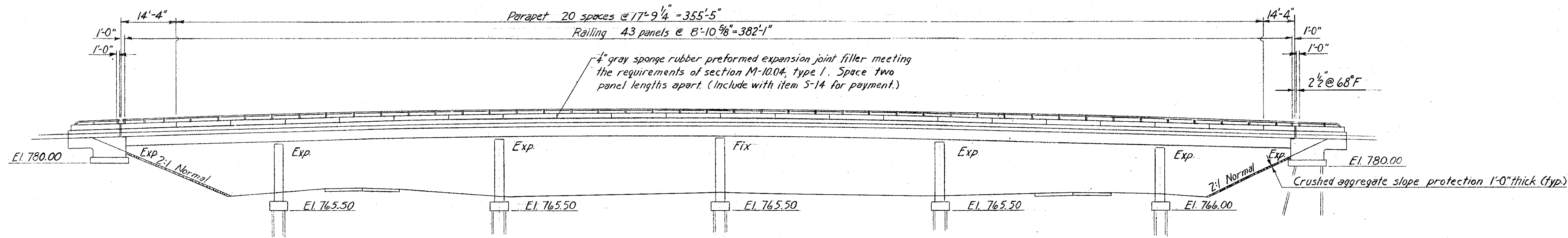
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

257
277

LAKE COUNTY
SEC. LAK-1-6.97



GENERAL PLAN



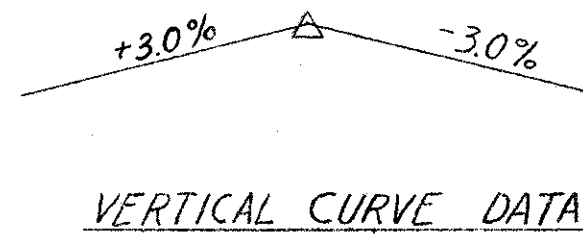
ELEVATION

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-1-55, 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.
 - CONCRETE DECK PLACING: In order to facilitate water curing of the deck slab, the placing of concrete shall progress upgrade. The slab may be placed in sections, between transverse construction joints which are parallel to transverse reinforcing steel and are located near the center of any span.
 - WELDING of structural steel shall be Class "A" except as otherwise shown. Welds shown as field welds may, at the option of the contractor, be made in the shop.
 - EXCAVATION QUANTITY for the abutments, in addition to that outlined in Sec. E-2.09, includes the removal of material bounded by the proposed slope by the front vertical plane described in Sec. E-2.09 and by the finished slope of the cut.
- 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	516	Cu. Yds.	Unclassified excavation		174	342	
S-1	372	Cu. Yds.	Class "C" concrete, superstructure	372			
S-1	120	Cu. Yds.	Class "C" concrete, pier caps and columns			120	
S-1	67	Cu. Yds.	Class "E" concrete, abutments above footing		67		
S-1	166	Cu. Yds.	Class "E" concrete, footings		54	112	
S-4	140,943	Lbs.	Reinforcing steel	95,979	9,756	35,208	
S-7	281,484	Lbs.	Structural steel	281,484			
S-8	281,484	Lbs.	Field painting of structural steel as per plan	281,484			
S-14	817	Lin. Ft.	Railing (aluminum rail and supports, concrete parapets)	769	48		
S-16	Lump	Sum	First Test Pile				Lump
S-16	3348	Lin. Ft.	12" cast-in-place reinforced concrete piles		648	2700	CO. 15 897.93 = 2450.07
S-29	20	Cu. Yds.	Porous Backfill		20		
I-10	288	Sq. Yds.	Crushed Aggregate Slope Protection		288		

VPI Sta. 30+00
Elev. 197.47
L.V.C. 500'



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-1-0950
S.R.I. UNDER HART ROAD

LAKE COUNTY
STA. 147 + 34.15

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
SP	CWB				