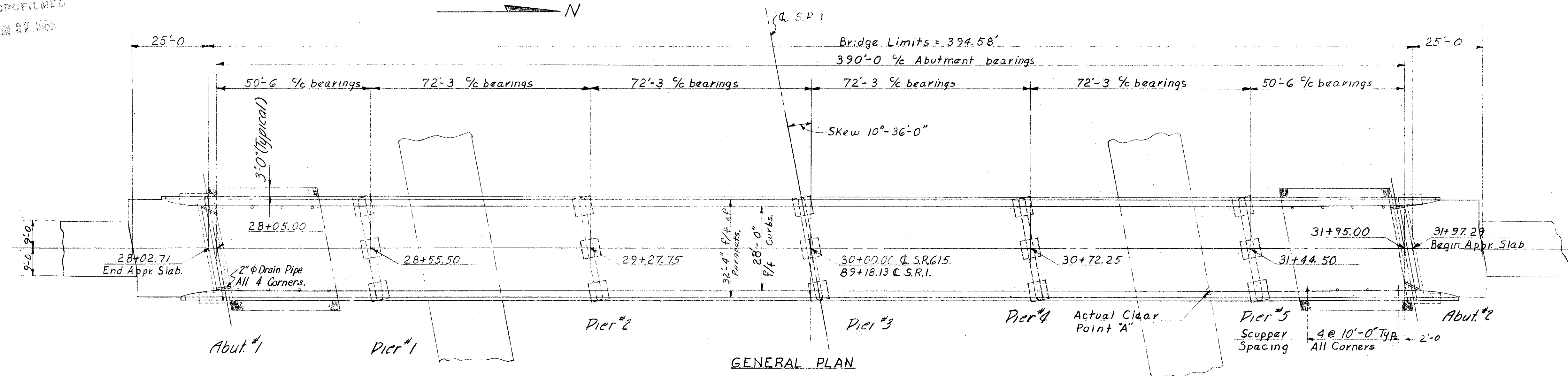


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JUN 27 1985

FED. RD. DIVISION	STATE	PROJECT	237 277
2	OHIO		

LAKE COUNTY  
SEC. LAK-1-6.97



GENERAL PLAN

GENERAL NOTES

REFERENCE shall be made to Standard Drawings, CSB-2-56 sheet 2 and 3 of 6 Revised 2-2-59, RB-1-55 Revised 2-2-59 and AR-1-57 Revised 2-2-59, and Supplemental Specification 5-101 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 together with current revisions thereof.

EXCAVATION QUANTITIES include the removal of fill material between the surface of the proposed embankment and the bottom of the abutments. 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.

EXCAVATION QUANTITIES includes the removal of fill material required for the construction of the abutments and piers.

PILES shall be driven to a minimum bearing capacity of 40 tons per pile for the piers and 35 tons per pile for the abutments.

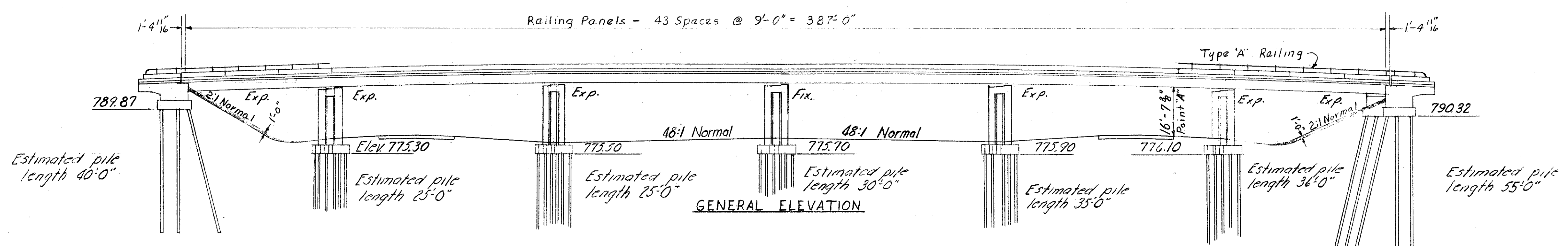
PROCEDURE: The embankment shall be placed and compacted up to the finished spill thru slope and to the level of the subgrade for a distance of 200 feet back of the abutments before excavation for abutments is made and the piles driven at Piers 1 and 5.

POROUS BACKFILL shall extend full length of abutment backwall and upward to the approach slab or to the surface of the earth shoulders. Excavation therefor, 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.

CRUSHED AGGREGATE SLOPE PROTECTION (I-10.04) one foot thick shall be provided as indicated on the "General Plan".

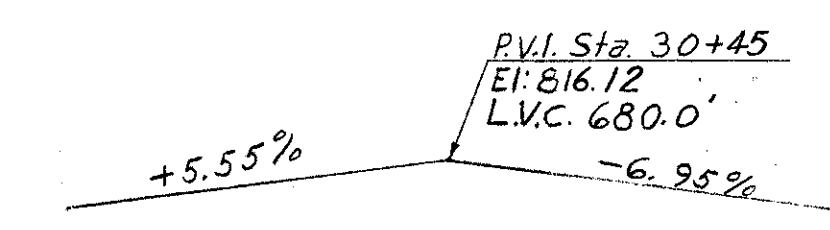
MACHINE FINISH: The concrete bridge deck shall be machine finished as specified in the Proposal: "Machine Finishing of Bridge Deck Slabs".

STEEL: See Proposal regarding A-373 Steel.



GENERAL ELEVATION

ESTIMATED QUANTITIES								
ITEM	TOTAL	UNIT	DESCRIPTION	SUPER	ABUTS.	PIERS	GENERAL	As Built
E-2	665	Cu.Yds.	Unclassified Excavation		186	479		768
S-1	418	Cu.Yds.	Class "C" Concrete Superstructure	418				
S-1	145	Cu.Yds.	Class "C" Concrete, Pier caps & Columns			135		
S-1	85	Cu.Yds.	Class "E" Concrete, Abutments above footings		85			
S-1	245	Cu.Yds.	Class "E" Concrete, Footings		65	180		
S-4	171,148	Lbs.	Reinforcing Steel	116,211	11,608	43,329		
S-7	331,843	Lbs.	Structural Steel	331,843				
S-8	331,843	Lbs.	Field Painting of Structural Steel, as per plan	331,843				
S-14	830	Lin.Ft.	Railing (Aluminum rail, Supports, Conc. parapet)	780	50			
S-16	Lump	Sum	First Test Pile				Lump	
S-18	3,894	Lin.Ft.	Reinforced Concrete Piles, 12" cast-in-place		1140	2754		3149.25
S-29	20	Cu.Yds.	Porous Backfill		20			23.24
I-10	289	Sq.Yds.	Crushed aggregate, Slope protection				289	326



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-1-0844 S.R.I UNDER S.R.615 LAKE COUNTY					
STA. 89+18.13					
DESIGNED	DRAWN	TRACED	CHECKED	REVISED DATE	REVIEWED