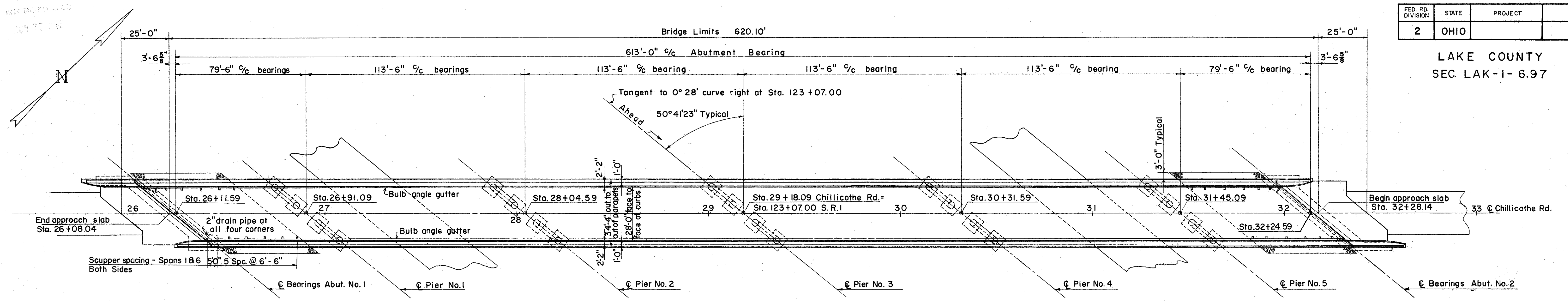
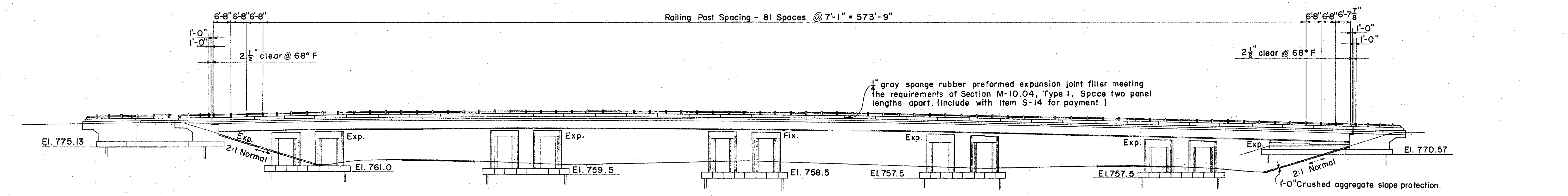


LAKE COUNTY  
SEC. LAK-1-6.97

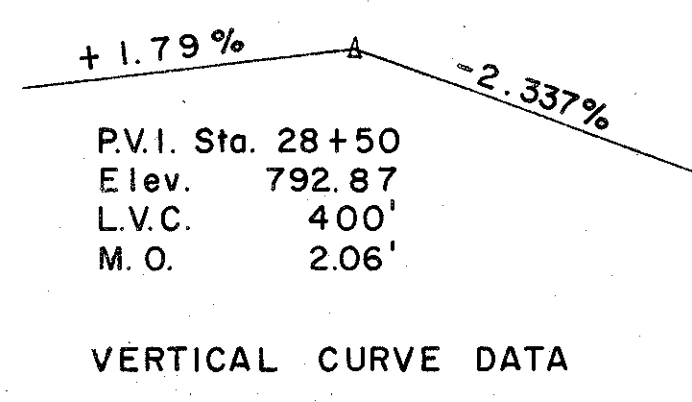


GENERAL PLAN



ELEVATION

ESTIMATED QUANTITIES							
ITEM	TOTAL	UNIT	DESCRIPTION	SUPERSTR.	ABUTS.	PIERS	GENERAL
E-2	848	Cu. Yds.	Unclassified excavation		354	494	
E-2	Lump	Sum	Cofferdams, cribs, & sheeting				Lump
S-1	647	Cu. Yds.	Class "C" concrete, superstructure	647			
S-1	162	Cu. Yds.	Class "C" concrete, pier caps & columns			162	
S-1	139	Cu. Yds.	Class "E" concrete, abutments, above footings		139		
S-1	289	Cu. Yds.	Class "E" concrete, footings		102	187	
S-4	228,641	Lbs.	Reinforcing steel	173,592	16,415	38,634	
S-7	658,200	Lbs.	Structural steel	658,200			
S-8	658,200	Lbs.	Field painting of structural steel as per plan	658,200			
S-14	1308	Lin. Ft.	Railing (aluminum rail & supports, concrete parapets)	1232	76		
S-16	Lump	Sum	First test pile				Lump
S-18	3+50	Lin. Ft.	Steel piles 12 BP 53		1310	1840	$\frac{68.15}{+258.25} = 3408.25$
S-29	50	Cu. Yds.	Porous backfill		50		
I-10	488	Sq. Yds.	Crushed aggregate slope protection		488		$\frac{60.15}{-46} = 442$



VERTICAL CURVE DATA

**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 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 Specifications S-207 dated 4-28-55, & 5-101 dated 12-2-59.

**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. Backfill behind the abutments shall be made with material meeting the requirements of Sec. I-22 and shall be compacted in accordance with the requirements for embankment compaction. The payment for this I-22 backfill shall be considered as included in payment for E-2 Unclassified Excavation.

**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.

**CRUSHED AGGREGATE** slope protection (I-10.04), one foot thick, shall be provided as indicated on the General Plan.

**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.

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-1-0906  
S. R. 1 UNDER CHILLICOTHE ROAD  
LAKE COUNTY

STA. 123 + 07.00

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
	D. S.		DRT		