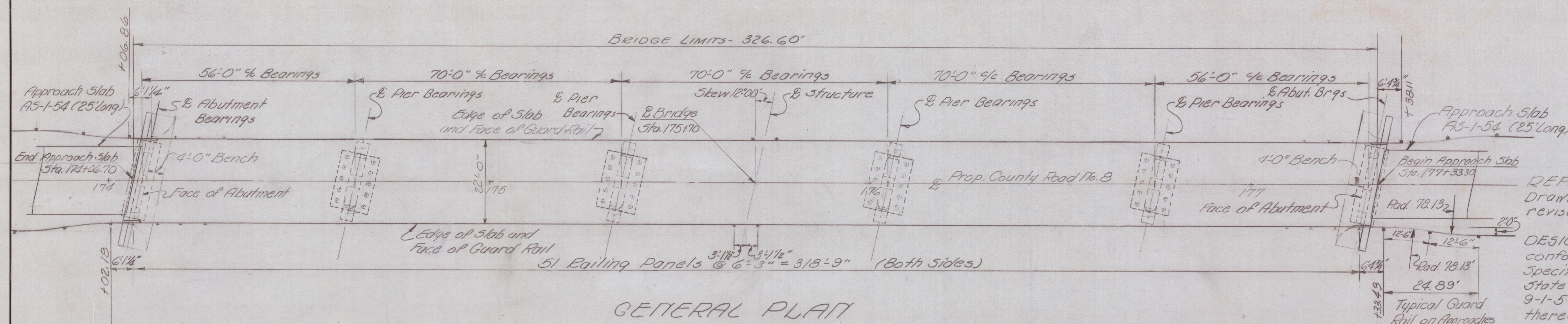
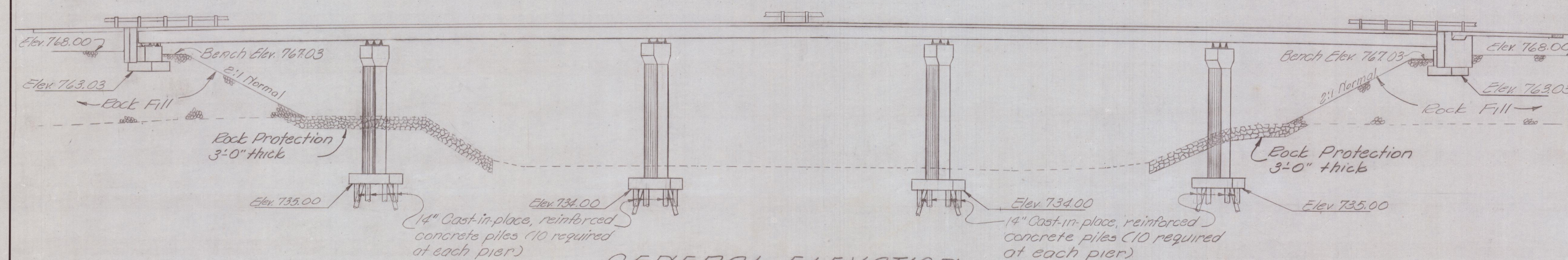


MUSKINGUM COUNTY
COUNTY ROAD NO. 8



GENERAL PLAN



GENERAL ELEVATION

Note: Pile casing shall not be thinner than #5 gage and shall remain in place as reinforcing.

~NOTES~
REFERENCE shall be made to Standard Drawing AS-1-54, revised 12-1-54 and RB-1-55, revised 2-2-59.

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.

PAINTING: After erection and after the shop coat has been cleaned and where necessary, repainted in accordance with Sec. 5-8.05, an additional coat of the same paint as used in the shop shall be applied over the outside face of the outside steel beams and all sides of the bottom flange. The finish coats shall then be applied in accordance with Sec. 5-8.05

EXCAVATION QUANTITY FOR ABUTMENTS includes the removal of fill material required for the construction of the abutments and the removal of fill material above the level of the Earth Bench.

EXCAVATION QUANTITY FOR PIERS includes the removal of material required for construction of the piers.

PILES shall be driven to a minimum bearing capacity of 53 tons per pile.

FOUNDATION BEARING PRESSURE: Abutment footings are designed for a maximum bearing pressure of 2 tons per sq. ft.

ESTIMATED QUANTITIES

ITEM	QUANTITY	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER	GENERAL AS BUILT
E-2	Lump Sum	Lump	Cofferdams, Cribbs and Sheet piling		Lump		
E-2	411	Cu. Yds.	Excavation, Unclassified	113	298		
I-7	100	Sq. Yds.	Reinforced Concrete Approach Slab				100
S-1	189	Cu. Yds.	Class "C" Concrete, Superstructure		189		
S-1	194	Cu. Yds.	Class "E" Concrete, Pier Caps and Pier Walls		194		
S-1	70	Cu. Yds.	Class "E" Concrete, Abutments	70			
S-1	55	Cu. Yds.	Class "E" Concrete, Pier footings		55		
S-4	67,375	Pounds	Reinforcing Steel	2,996	20,708	43,671	
S-7	162,400	Pounds	Structural Steel			162,400	
S-8	Lump Sum	Lump	Field Painting of Structural Steel As per Plan			Lump	
S-14	653.20	Lin. Ft.	Bridge Railing			653.20	
S-16	Lump Sum	Lump	First Test Pile		Lump		
S-17	Lump Sum	Lump	First Pile Test Load		Lump		
S-17	1	Each	Subsequent Pile Test Loads		Lump		
S-18	2,200	Lin. Ft.	14" Cast-in-place, Reinforced Concrete Piles As per plan		2,200		
S-29	23	Cu. Yds.	Porous Backfill	23			
I-10	1,213	Cu. Yds.	Dumped Rock Channel Protection				1,213

REVISION	DATE	DESCRIPTION	BY
3/23/62	AS CONSTRUCTED		H.F.K.
U. S. ARMY ENGINEER DISTRICT, HUNTINGTON CORPS OF ENGINEERS HUNTINGTON, W. VA.			
DRAWN BY: FHS		LICKING RIVER DILLON RESERVOIR PROJECT	
TRACED BY: PJM		RELOCATION OF MUSKINGUM COUNTY ROAD NO. 8 MC-8-4 & MT-408-1 MC-8-1 & MC-408-1	
CHECKED BY: JAB		GEN. PLAN, ESTIMATED QUANTITIES, GEN. NOTES	
SUBMITTED BY: Elmer S. Barrett Associates		BRIDGE NO. MUS-8-0825	
ELMER S. BARRETT ASSOCIATES		COUNTY ROAD NO. 8 OVER LICKING RIVER	
RECOMMENDED: James J. Carter		APPROVED: Steven Maleich DATE: NOVEMBER 1959	
CHIEF ENG. DIV.		COL. C. E. DISTRICT ENGINEER	
ELMER S. BARRETT ASSOCIATES CONSULTING ENGINEERS CHILLICOTHE, OHIO		SCALE: 1"=15' SPEC. NO. DRAWING NUMBER 027f-UD14-68/73 SHEET 73 OF 83	