

MUSKINGUM COUNTY
MUS-156-2.85

GENERAL NOTES

REFERENCE shall be made to Standard Drawing A5-1-54, revised 12-1-54.

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. 8.04, 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 bottom flange.

EXCAVATION QUANTITY includes the removal of all material required for construction of the abutments and the removal of fill material above the level of the earth bench.

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.

ABUTMENT PILES shall be driven to a minimum bearing capacity of 23 tons per pile.

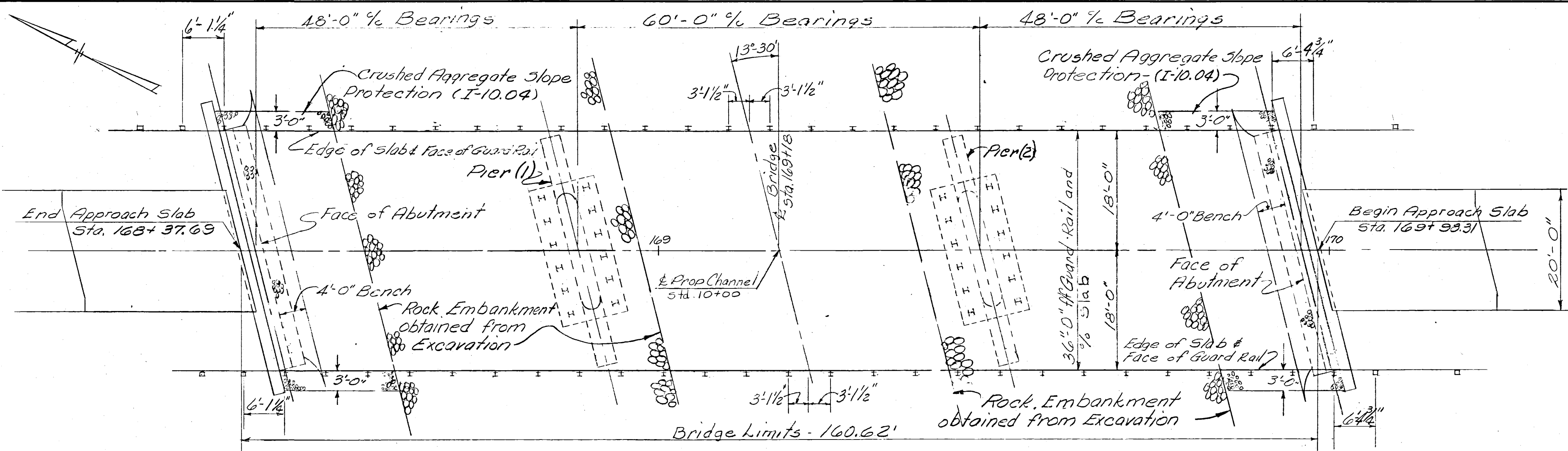
PIER PILES shall be driven with a hammer of not less than 15,000 ft. lbs. to refusal on rock. Rock is anticipated at approximate elevation 705.

DESIGN PILE LOADS: The design load is 23 tons per pile for the abutment piles and 48 tons per pile for the pier piles.

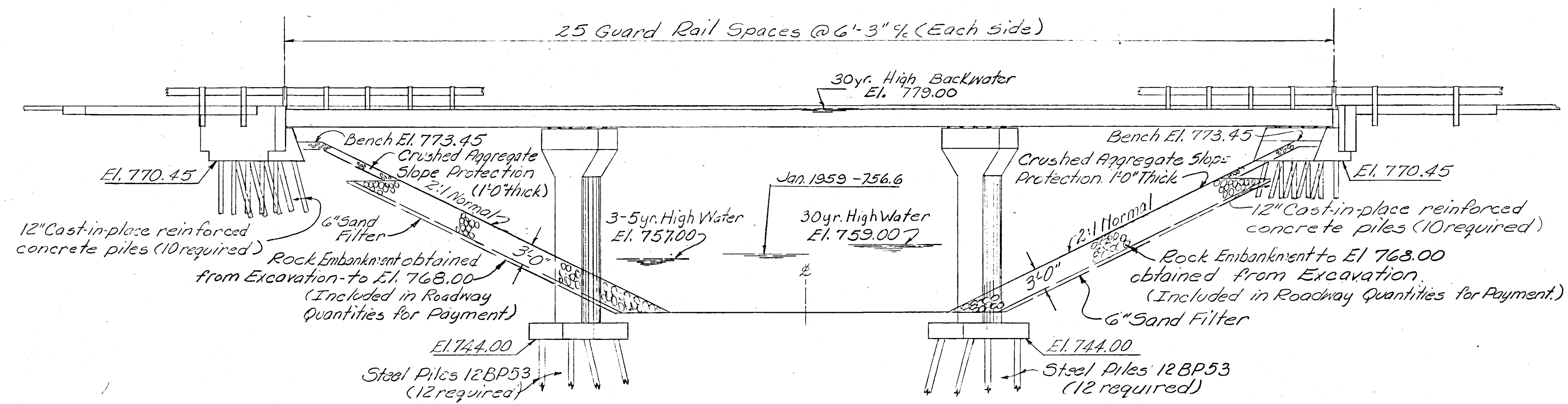
PILE TEST LOAD shall be applied to one of the steel piles at a pier and shall be according to Item 5-17 except that the maximum load required shall be 144 tons.

GENERAL NOTE

The construction contract for work provided by these plans will be made and paid for by the United States of America. The division of quantities for settlement between the Government and the State is as follows:
4/9 Total Cost of Bridge - Participation by the State of Ohio.
5/9 Total Cost of Bridge - Participation by the United States of America.
Exception: Item E-3, Channel Excavation, is 100% Participation by The United States of America.



GENERAL PLAN



GENERAL ELEVATION

ESTIMATED QUANTITIES

ITEM	QUANTITY	UNIT	DESCRIPTION	ABUT'S	PIER'S	SUPER	GENERAL	AS BUILT
E-2	Lump Sum	Lump	Cofferdams, cribs and sheeting				Lump	
E-2	307	Cu. Yds.	Excavation, Unclassified	128	179			
E-3	7,679	Cu. Yds.	Channel Excavation			144	7,679	
I-10	155	Sq. Yds.	Crushed Aggregate Slope Protection				155	
S-1	144	Cu. Yds.	Concrete for Bridge Superstructure, Class "C"					
S-1	131	Cu. Yds.	Concrete for Bridge Piers, Class "E"		131			
S-1	84	Cu. Yds.	Concrete for Bridge Abutments, Class "E"	84				
S-1	39	Cu. Yds.	Concrete for Bridge Pier Footings, Class "E"		39			
S-4	58,253	Pounds	Reinforcing Steel	5,928	12,408	39,917		
S-7	124,800	Pounds	Structural Steel			124,800		
S-8	124,800	Pounds	Painting of Structural Steel, as per plan.			124,800		
S-14	321.24	Lin. Ft.	Bridge Railing			321.24		
S-18	600	Lin. Ft.	12" Cast-in-place, Reinforced Concrete Piles.	600				
S-18	960	Lin. Ft.	Steel piles		960			
S-29	23	Cu. Yds.	Porous Backfill	23				
I-7	111.10	Sq. Yds.	Reinforced Concrete Approach Slabs				111.10	

8-19-59		REVISED IN ACCORDANCE WITH ADDENDUM NO. 1		W.M.B.
REVISION	DATE	DESCRIPTION		BY
U.S. ARMY ENGINEER DISTRICT, HUNTINGTON CORPS OF ENGINEERS HUNTINGTON, W. VA.				
DRAWN BY: K.D.D.		LICKING RIVER DILLON RESERVOIR PROJECT RELOCATION OF OHIO STATE ROUTE NO. 156 (SECTION 3 & 4) GENERAL PLAN - EST. QUANTITIES & GEN. NOTES BRIDGE NO. MUS-156-0319 STATE ROUTE NO. 156 OVER BIG RUN		
TRACED BY: W.D.J.				
CHECKED BY: W.K.				
SUBMITTED BY: Elmer S. Barrett				
ELMER S. BARRETT ASSOCIATES				
RECOMMENDED: [Signature]		APPROVED: [Signature]		DATE: JULY 1959
CHIEF ENG. DIV.		COL. C.E. DISTRICT ENGINEER		
ELMER S. BARRETT ASSOCIATES CONSULTING ENGINEERS CHILLICOTHE, OHIO		SCALE: 3/32" = 1'-0" DRAWING NUMBER 027f-UD6-68/49 SHEET 49 OF 62		