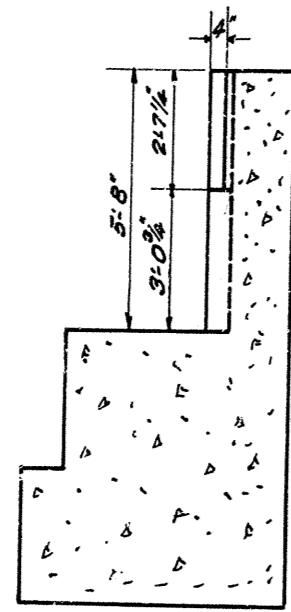
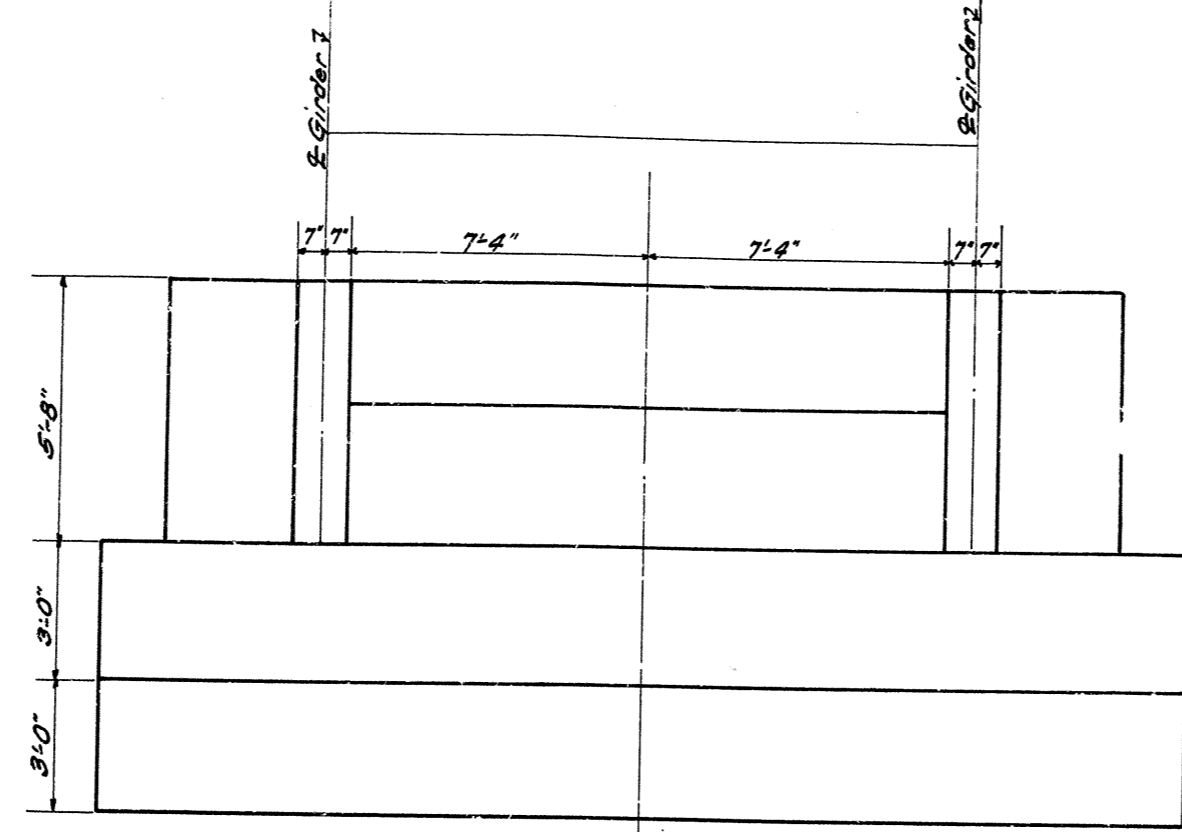


SECTION AT GIRDER



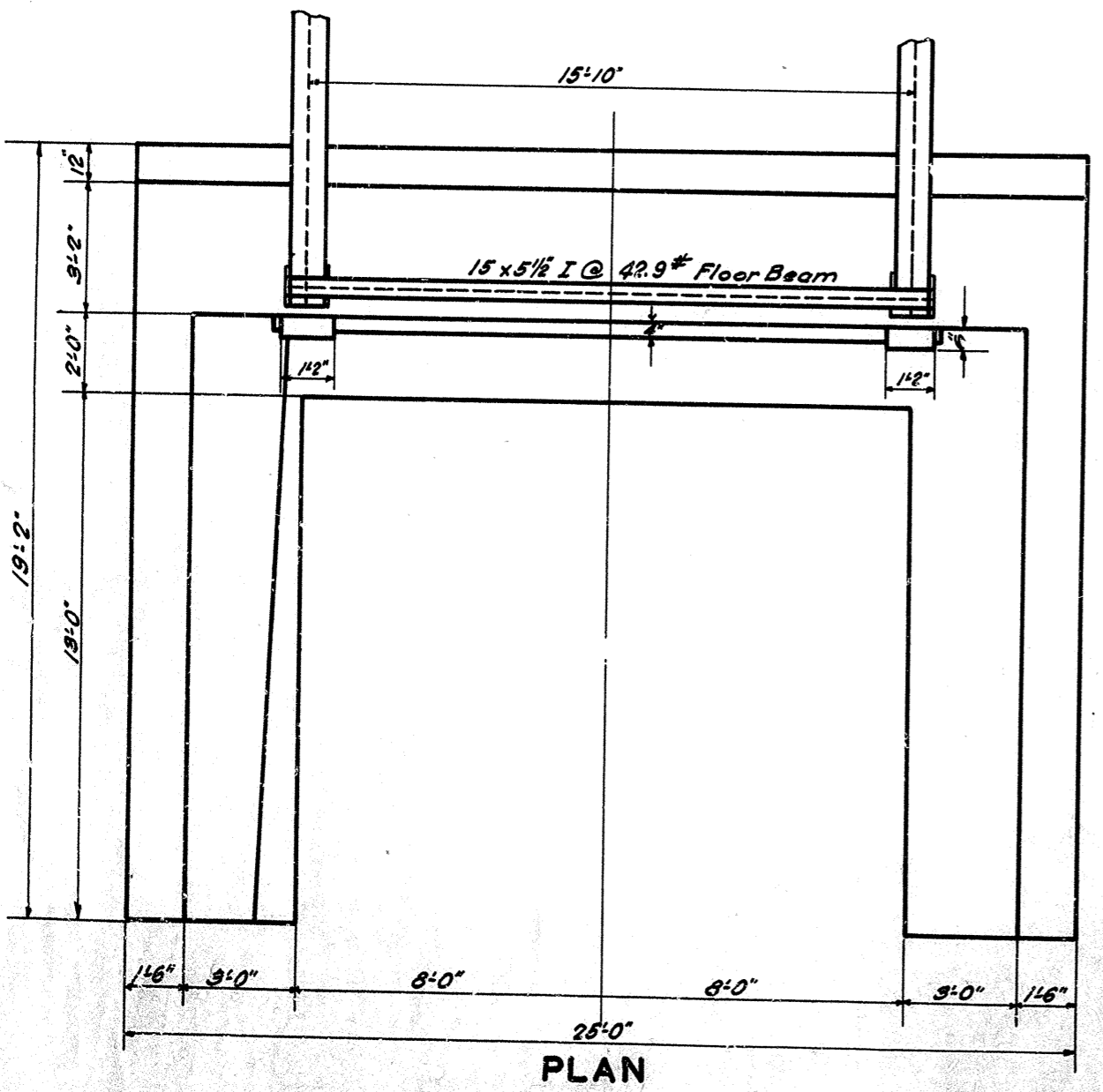
SECTION ON C



FRONT ELEVATION

GENERAL NOTE

- SPECIFICATIONS:** Kentucky Department of Highways 1938 Standard, with Amendments.
- TEST REPORT OF STRUCTURAL STEEL:** The State Highway Department shall be furnished a certified copy of mill test reports, showing that structural steel for this work meets the requirements of the Specifications.
- SHOP CLEANING:** All new steel to be thoroughly cleaned of rust, loose mill scale, dirt, grease and all other foreign substances.
- SHOP PAINTING:** None required.
- FIELD CLEANING AND PAINTING:** All new steel to be thoroughly cleaned and given one coat of red lead or basic sulphate blue lead paint followed by one coat each of No 1 and No 2 White Lead Paint in the order named. Plates under shoes not to be painted. All paint damaged on the old steel during repairs shall be repainted as above.
- SHOES AND JACKING WORK:** Jack up the north end of Span No. 2 and install Plates 1G1 and 1G2 under shoes. Jacking work to be in accordance with Drawing 5493 (25 sheets) or similar. The contractor shall furnish all necessary jacking beams and the jacking method used by the contractor shall be approved by the engineer. The dead load reaction of one shoe is approximately 35 Tons. Remove the auxiliary plates (not shown on plan) and place a piece of plywood 2'0" x 1'8" under each shoe and allow enough weight to mark the rivet heads. Use these boards as templates for boring and fitting the new plates for 1G1 and 1G2. Any other method of assuring correct fabrication and fitting of plates may be used by the contractor if approved by the engineer. Holes or recesses must be large enough to allow the new plates to be firmly seated on the grillages. At no place must the new plates be allowed to ride on the old rivet heads. If there are any burrs on the old shoe plates, they are to be removed so the bridge shoe is free to slide from this new plate back onto the old plate. A heavy coat of graphite cup grease is to be placed under each of the shoes before the work is completed. Clean and grease shoes at Pier No. 1.
- STEEL LADDERS:** Install ladders as per sketch. If the ladders are installed first it will materially assist the work on the shoes.
- WORK ON ABUTMENT NO. 1:** Chip a Vertical Recess in the concrete parapet wall 18" wide and 6" deep behind each plate girder. Chip a horizontal recess along the top of the concrete parapet, immediately behind the end floor beam, 4" deep and 2' 7 1/4" wide. The chipping is to permit the bridge to move 6" toward the Mercer County side.
- LUMP SUM BID PRICE:** A lump sum bid price shall be submitted by the contractor for all of the above work. The lump sum bid price submitted by the contractor shall be full compensation for all materials, fabricating, erecting, cutting, drilling, reaming, welding, fitting, jacking, equipment and tools, all work and labor and all incidentals necessary to complete the work in accordance with plans and specifications. Payment for the work will be made of the contract lump sum bid price when all work is completed in a satisfactory manner in accordance with plans and specifications. The contractor shall replace at his own expense any part of the bridge that may be temporarily removed or damaged to complete the proposed work or that may be damaged during repair operations and shall assume all responsibility for safety of the bridge in completing the work required.
- TRAFFIC:** Vehicular or pedestrian traffic shall not be permitted on the bridge during jacking operations. The contractor shall furnish necessary watchman and flagman and take all necessary precautions for his work. The District Engineer shall be notified in advance of closing bridge to traffic during jacking operations.



PLAN

DESIGNED BY: C.C.M. A-14 CHECKED BY: _____ DATE: _____
 DETAILED BY: _____ CHECKED BY: _____ DATE: _____
 TRACED BY: _____ CHECKED BY: _____ DATE: _____

8'-99' 2 of 2

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORD COUNTY OF
MERCER-GARRARD
 KENNEDY'S MILL BRIDGE REPAIRS

STATION	ROAD	PROJECT NO.	DRAWING	INDEX
BRIDGE NUMBER	84-92-1		NO. 8317	