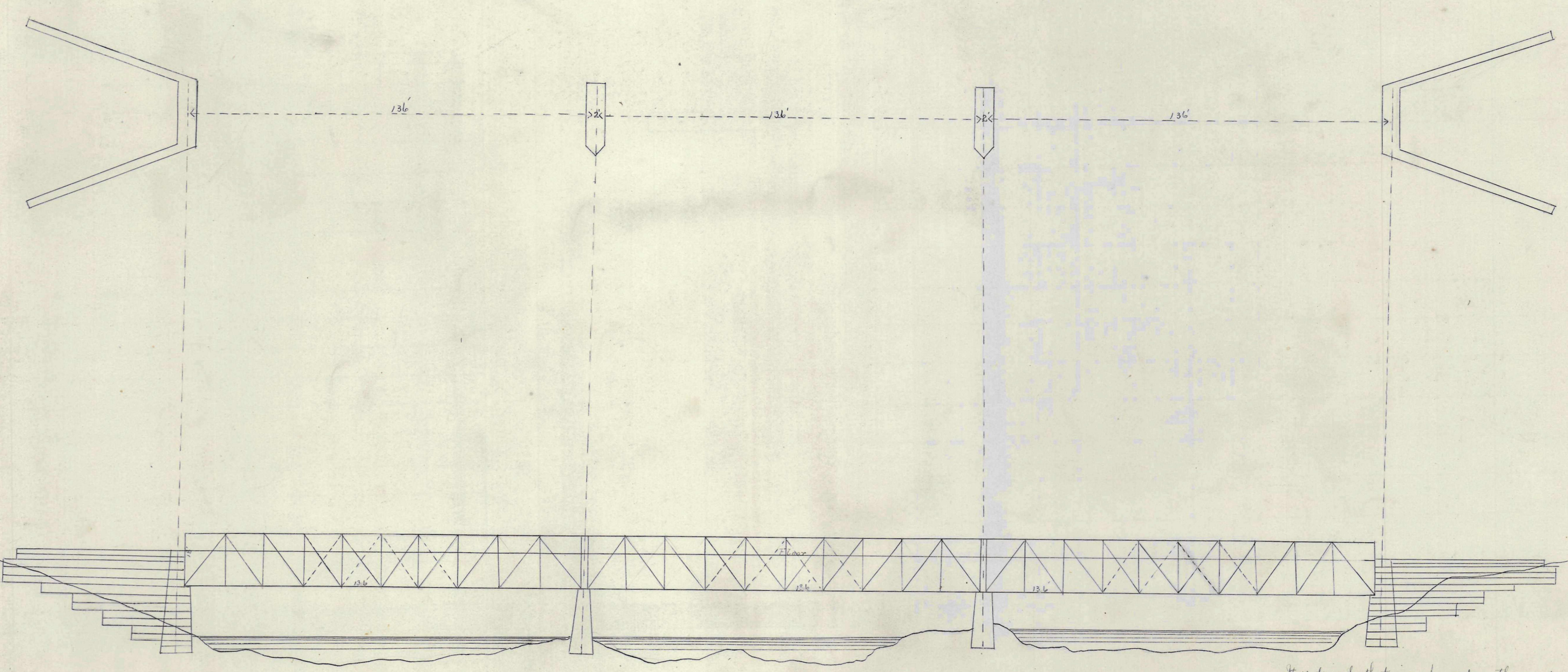


PLAN  
-of-  
FISHINGER  
MILL  
BRIDGE  
INDEX

Scale 20' to the inch



Bids will be received at the County Auditor's Office on or before 12 o'clock June 14, 1890

Information for persons bidding on the Fishinger Mill Bridge crossing the State River in Hancock Co. Kentucky by this. The bridge will be a three span Deck Bridge with parallel straight chords and end posts.

Three spans between center piers (ea) 136 ft  
Total length of Bridge 410 "

Roadway clear of wheel "subguards" 18' "

For determining the strains in the trusses a live load of 80 lbs per sq ft of roadway shall be used. For the floor system a live load of 100 lbs per sq ft of roadway shall be used. For the top lateral bracing a wind pressure of 300 lbs per lineal ft shall be used. For the bottom lateral bracing, a wind pressure of 150 lbs per lineal ft shall be used.

The dead load will be the weight of the structure and will be considered as concentrated at the panel points of bottom chord. Each bid must be accompanied by a strain sheet, a set of specifications and enough drawing, to show the general method of construction of details. The strain sheet should give all data used in determining the strains, the strains in all parts and the material intended to resist the given strains. The specifications should be full and explicit in the general description, the details of construction, the quality of materials and the tests to be made of materials, and bridge. The loads, the method of proportioning the parts, and all other points that should be

It is desired that iron be used in the compression members, but iron or steel may be used in other parts. The unit strains should be given instead of the factors of safety. The following dimensions and weight specifications (or others as good), are recommended, but not rigidly required.

10 panels in each span of 136 ft  
Height of Truss 18 ft Floor 12 ft above Bridge seat

This drawing is made from actual survey and shows approximate depth of water by scale Robert R. R. Station

Hills and on P.C. and S.D.R.R. 3 miles - Sleatung Station on C.H.P. R.R.

John J. Dun  
County Engineer

per R. R. Spawen Jr.  
also on the same