

Sept 1899

~~Shifton~~

Bridge

Elmfield Creek
at
Fanner

ARTICLE OF AGREEMENT made and concluded this Ninth day of September 1899 by and between John Crocker and P. J. Drain Supervisors of Woodward township, and William Albright and George Mease Supervisors of Boggs township, and W. B. Townsend all of the County of Clearfield and state of Pennsylvania,

WITNESSETH: Whereas, the Grand Jury in and for Clearfield County heretofore recommended that the townships of Woodward, Boggs and Knox should furnish upon the ground necessary to erect the abutments for an iron bridge at Driftwood Ford of Clearfield Creek, and also do the filling for the approaches to said bridge, and that the County should build said bridge; and whereas the townships of Woodward and Boggs are willing to comply with said recommendation, but the township of Knox is unwilling to comply with the same, now therefore it is agreed by and between the parties hereto that the townships of Woodward and Boggs shall proceed by their supervisors or their agents to furnish the stone upon the ground in accordance with the aforesaid recommendation of the Grand Jury, and that when said bridge is built that the said township by their supervisors or their agents shall fill the approaches to said bridge in accordance with the recommendation of the Grand Jury aforesaid, and in case the township of Knox refuses to pay its equal share of the cost of the placing of said stone upon the ground and the filling of the approaches as aforesaid, then the said W. B. Townsend hereby agrees to indemnify and pay to the said townships of Woodward and Boggs the share of expense for which the township of Knox would be liable under the aforesaid recommendation which is the full one third of the cost of the aforesaid work.

IN WITNESS WHEREOF the parties hereto have placed their hands and seals the day and date first above written.

W. H. Albright
George Mease
P. J. Drain
John Crocker
W. B. Townsend
" "

This Contract, Made this 20th day of September A. D. 1899

by and between THE PITTSBURGH BRIDGE COMPANY, of Pittsburgh, Pennsylvania, party of the first part, and
The County of Clearfield Pa acting by and through its
County Commissioners A. E. Woolridge, D. H. Waring and
W. C. Davis

of the County of Clearfield and State of Pa, party of the second part:

WITNESSETH, That the said party of the first part contracts and agrees to and with the party of the second part, to build, paint, and make complete, and have ready for use, by the 20th day of December 1899, for the party of the

second part, the superstructure for a wrought iron and steel highway
Bridge, over the Clearfield Creek

at a point where the public ships Boggs and Knox road
crosses said stream, in the town of Clearfield County of Clearfield and
State of Pa

All the materials for said Bridge, except the abutments and piers, are to be furnished by the party of the first part, and are to be of good and suitable quality, and the work is to be done in a thorough and workmanlike manner, in accordance with the plans and specifications hereto annexed and forming a part of this contract, marked A

And the party of the second part contracts and agrees to furnish, ready for the superstructure, the abutments and piers for said Bridge by the 10th day of December A. D. 1899, and to pay the party of the first part the sum of (\$6840,) six thousand eight hundred and forty Dollars

for the said Bridge, as follows, viz: one half the contract price

on the day of delivery of the iron material of said Bridge at the place of erection, and the remaining one half
when accepted according to law

on the completion of the said Bridge. In case the abutments and piers are not ready for the superstructure on the date agreed as above one half of contract price shall be paid on delivery of the iron, and the remaining one half as above on completion of the said Bridge. And the party of the first part are not to be held responsible for unavoidable delays, arising from accidents in transportation, or from the elements, or from labor strikes.

THE PITTSBURGH BRIDGE CO.

Signed the day and year first above written

IN PRESENCE OF

Per Nelson and Buchanan Co. L. S.
Agents L. S.

L. S.

A. E. Woolridge L. S.
W. C. Davis L. S.

L. S.

D. H. Waring L. S.

L. S.

(40)

THIS AGREEMENT made and concluded this 30th day of September A. D.,
One thousand eight hundred and ninety nine, by and between John F.
Thittaker of the County of Clearfield and state of Pennsylvania, party
of the first part, and the Commissioners of the said County of Clearfield,
parties of the second part,

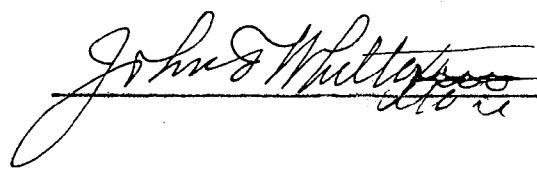
WITNESSETH, that the said party of the first part for the consideration aforesaid mentioned, to be paid by the parties of the second part, or their successors, do hereby covenant and agree to construct on or before the first day of December A. D., 1898, and in accordance with the plans and specifications hereto attached and made part hereof, the abutments of a certain Iron Bridge to be constructed across Clearfield Creek at Faunce in said County of Clearfield including all things necessary for the complete construction of the work mentioned in said specifications. All of the work, including excavations, to be done within the time specified above and to be finished in a good and workmanlike manner. The Supervisors of Woodward, Knox and Boggs Townships will deliver the stones to where abutments are to be built but it is agreed and understood by the parties hereto that neither party to this agreement shall be entitled to damages from the other by failure of said Supervisors to deliver the stones at the bridge as needed.

Changes in plans and specifications may be made by Harry Byers, Esq., in writing, and when so made the changed contract shall be enforced and bind the first party with the same effect as if no change had been made. If alteration makes less work to be done it shall not be ground for damage to first party hereto. If amount of work to be done is increased or diminished by the change the price per yard shall remain the same as before alteration was made.

In consideration of the said construction, and erection of abutments as aforesaid, the said parties of the second part, for themselves and their successors, do agree to pay unto the party of the first part or his assigns, the just and full sum of Two dollars and ninety eight cents (\$2.98) per cubic yard of stone work done in such construction, and to pay the same on estimates and orders drawn by Harry Byers, Civil Engineer,

who shall approve the work done, before the County shall be adjudged liable for the whole or any part of the same.

IN TESTIMONY WHEREOF the said party of the first part has hereunto set his hand and seal, and the parties of the second part have set their hands and caused the seal of said County, duly attested by the Clerk, to be affixed the day and date first above written.

 (Seal.)

Attest:

Clerk.

SPECIFICATIONS FOR FOUNDATION AND MASONRY OF ABUTMENTS TO BE ERECTED ON CLEARFIELD CREEK AT DRIFTWOOD ISLAND.

The masonry shall be started at least three feet below the bed of the stream, or so much deeper as may be necessary to secure good bottom. If rock or other sufficiently good bottom cannot be obtained at a reasonable depth the masonry will be started on a platform of hewn timber one foot thick laid tightly together six inches larger in every direction than the masonry to be placed on it, and covered with three inch White Oak plank well spiked on, which platform shall if used, be paid for as masonry. If any other work or materials are necessary to make the foundation sufficient, they shall be constructed under the supervision of the engineer and paid for on his estimate. The excavations for wing walls shall be made at same time that excavation for main body of abutment is being made, and all excavations shall be at least six inches larger in every direction than the masonry to be built therein. If timber cofferdam is used six inches of space must be left all around between it and the masonry.

The masonry will be rock range work laid in courses decreasing in thickness from bottom to top with no course less than ~~ten~~^{twelve} inches in thickness. Stones used in the work shall contain generally about seven cubic feet, and such stones shall be used when there is room for them in the place to be filled, and stones of less than two cubic feet in size shall be used only to fill small interstices in the heart of the wall. At least one fifth of faces and backs of walls shall consist of headers which shall extend into the wall the size they show on the face a distance at least equal to two and one half times the thickness of the course in which they are placed, and stones through out shall be so placed as to form a good bond. No header shall be placed on a joint in the next course below and no joint shall be made on a header of the course below and no vertical joint shall be made within nine inches of a vertical joint in the next course below. No stones shall be used in the work which have less bed than rise. Face stones to have their beds smoothly dressed parallel for a distance back from the face at least equal to the rise of the stone, and vertical joints parallel at least six

qual to the rise of the stone and vertical joints parallel at least six inches into the wall, and no joint either vertical or horizontal shall at any point exceed one half inch in thickness. All dressing of face stone shall be done before they are set in their beds in the wall, and if loosened after the mortar around any one has set appreciably and backing it shall be reset in a new bed of mortar. Interior stones shall be free from dirt and sharp angles, shall be well bedded, bonding well with the other work and carry through the range evenly, and no rounded waterworn stones shall be used in the work. Face stones and backing shall be laid in good Hydraulic cement mortar, and shall not be blocked up by inserting spavls under the inner edge. Each course shall be thoroughly grouted as soon as laid. Mortar and grout to be made of sand and hydraulic cement in the proportion of two parts of sand to one of cement by measure, both subject to inspection and rejection by engineer if found to be of poor quality. Masonry to be well pointed, after the stones are all laid, with mortar made in the proportion of one part sand to one of cement. Coping on bridge seat and wings to be dressed smooth on top, and front corners of abutments to have a neatly chiseled draft cut on them. Walls shall be built and paid for as shown on plans unless the size thereof is changed by engineer in writing, and in making calculation of the contents of masonry no part shall be counted twice. Contractor shall be paid at a certain price per cubic yard of masonry built and contents counted as hereinbefore mentioned, which price shall include the price and cost of furnishing (with the exception of stone,) all materials, stonedressing, labor, ~~etc~~ excavations, timbers, coffer-dams, scaffolds, Etc, and all risks from floods or otherwise. The supervisors will deliver the quarried stone to where the abutments are to be built, but contractor shall dress them and do all other work required in the construction, of the masonry.

Clearfield Pa. Feb. 11 1899.

Harry Byers C. E.

KNOW ALL MEN BY THESE PRESENTS that we, John F. Whittaker, as principal and E M Thompson and H A Addelmann as sureties all of the County of Clearfield in the state of Pennsylvania are held and firmly bound unto Clearfield County in the sum of Three Thousand and (3000) Dollars to be paid to the said Clearfield County its certain attorney, or assigns to which payment well and truly to be made, we do bind ourselves, jointly and severally, our heirs, executors and administrators firmly by these presents.

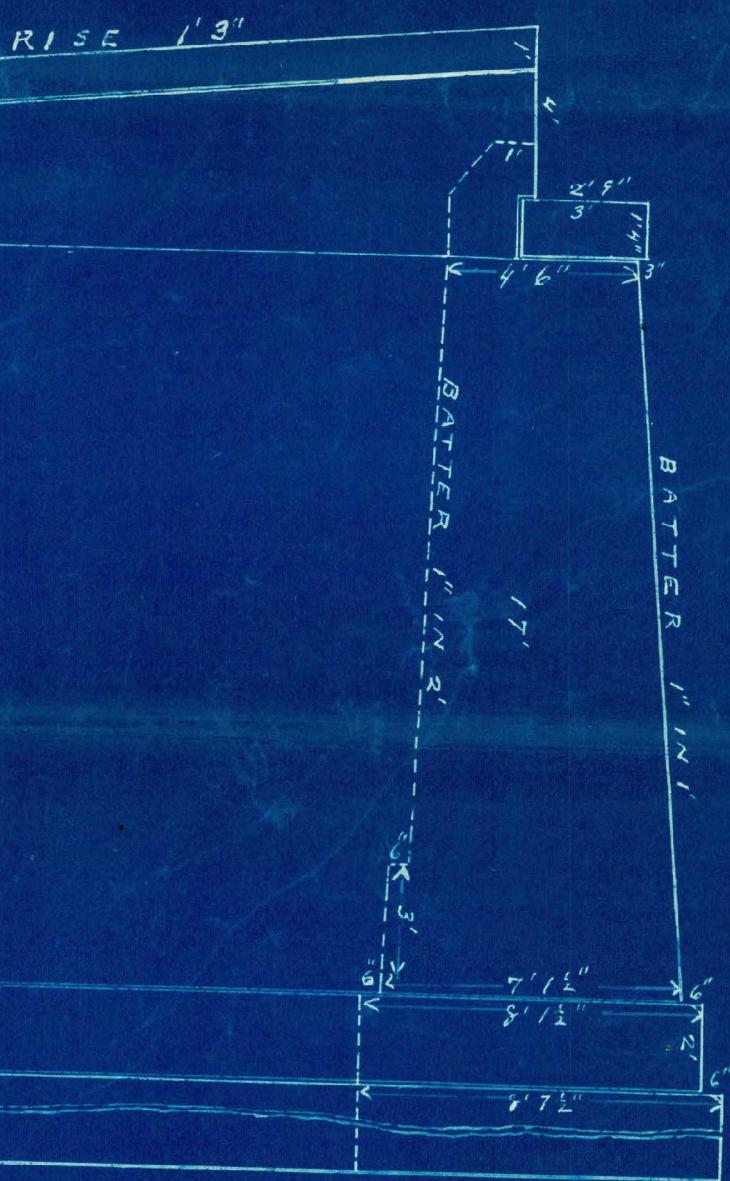
Sealed with our seals and dated the 10 day of October, A. D., One thousand eight hundred and ninety nine.

WHEREAS the said Clearfield County has let unto the said John Whittaker the contract for building the stone abutments for an iron bridge across Clearfield Creek at a place known as Driftwood, or Faunce, .
NOW THE CONDITION OF THIS OBLIGATION IS SUCH that if the said John F. Whittaker does erect, build and complete the said abutments according to the specifications and stipulations furnished by Harry Byers Civil Engineer representing said County, and to the full satisfaction of the County Commissioners representing said County, and their Engineer, Harry Byers, or his successor, then this obligation to be void, else to be and remain in full force and virtue.

John Whittaker
E M Thompson (Seal.)

H A Addelmann (Seal.)

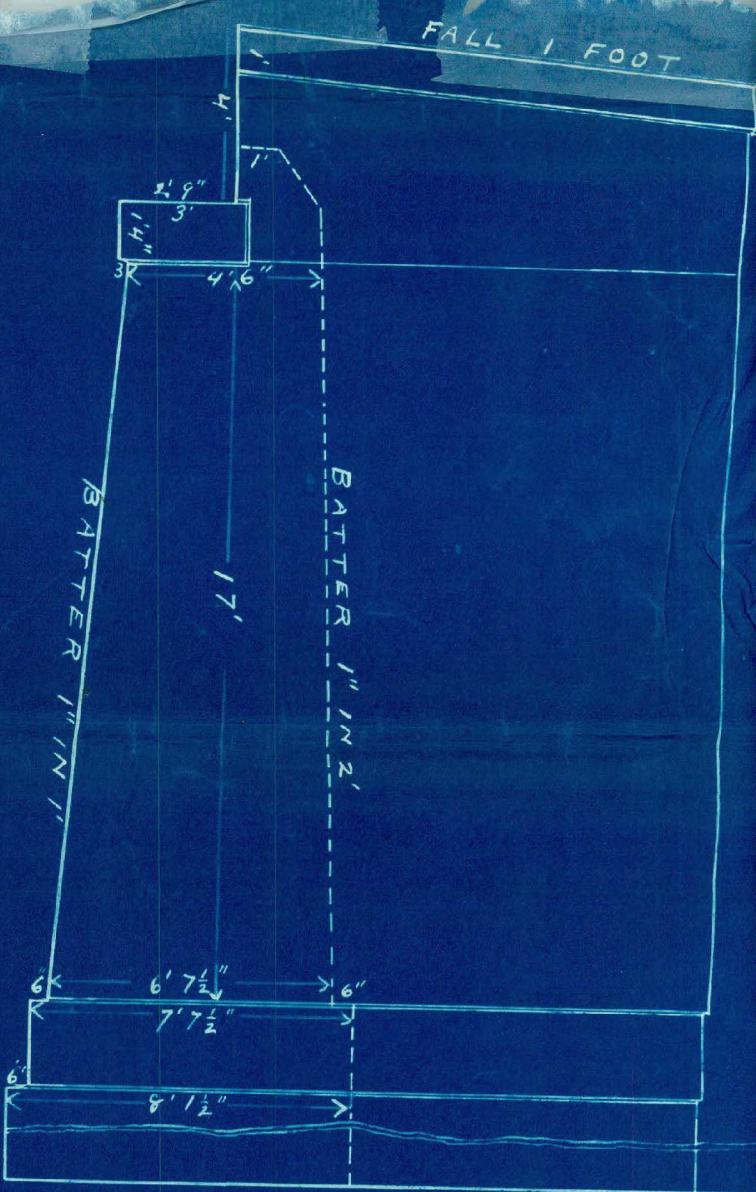
(Seal.)



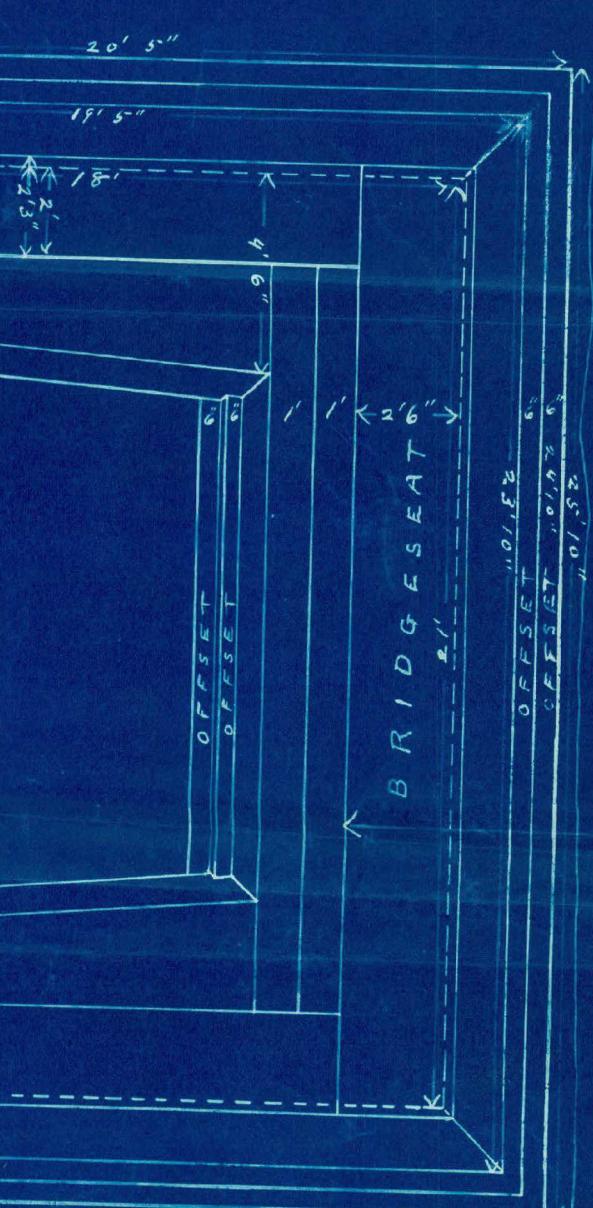
END ELEVATION AND
SECTION

PLAN OF ABUTMENTS
AT DRIFTWOOD ISLAND ON
CLEARFIELD CREEK
CLEARFIELD, PA.

FEB 9 1899
Harry Byers C. E.

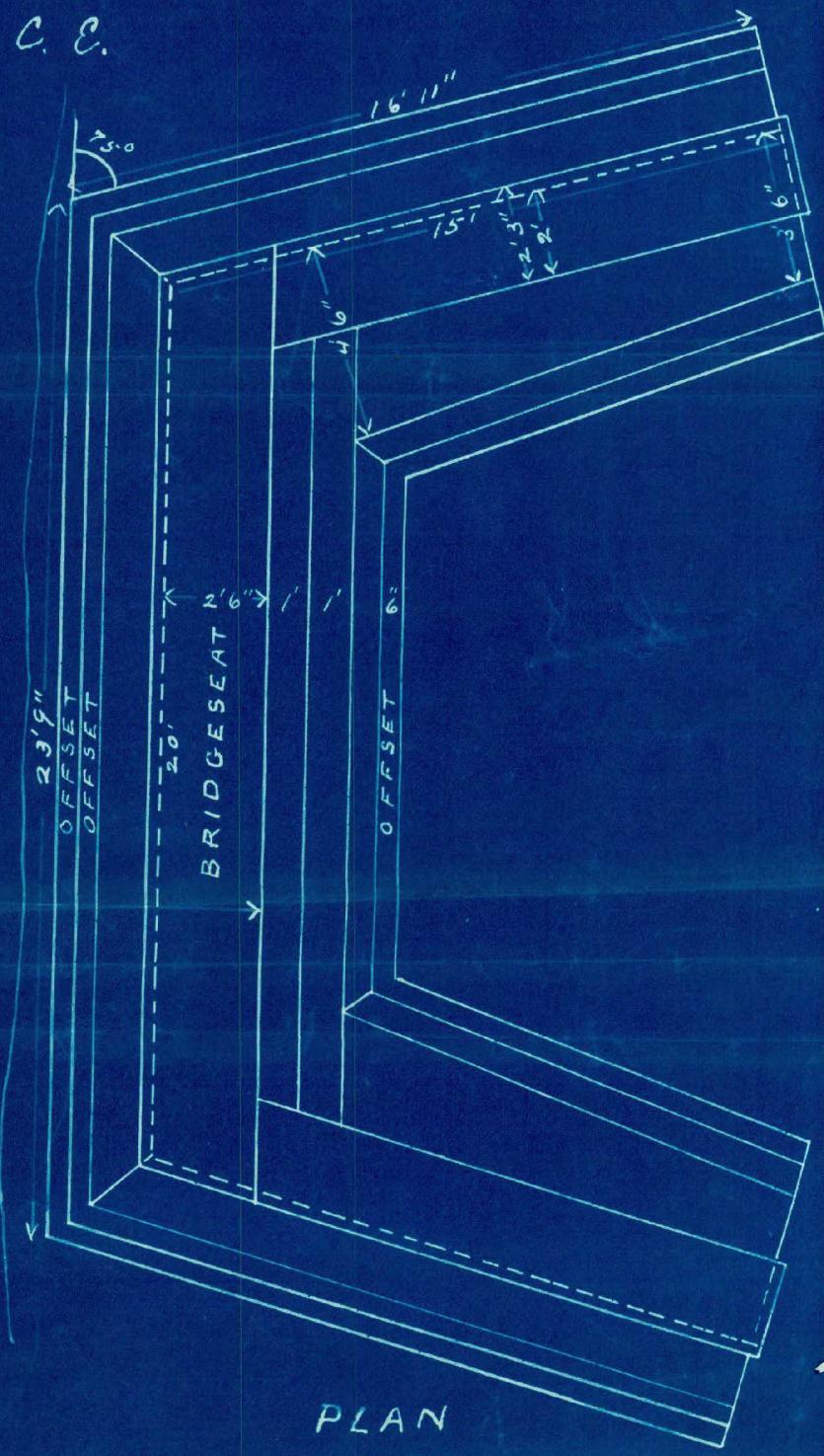


END ELEVATION
AND SECTION



2 1/4'
Scale 1 inch = 4 ft

DOWN CREEK



AGREEMENT

between Clearfield County

and

John F. Whittaker.

Building masonry for bridge
at Driftwood.