

Articles of an agreement made & entered into this — day of Sept. 1812
by and between The Pres. Dir. & comp. for erecting a permanent bridge over
the river Sag. at or near the borough of May. of the one part & J. B.
of — in the state of N. Y. of the other part.

The sd. D. B. promises to within the period of three years from the
day of — next to erect in a permanent & workmanlike manner a good
substantial bridge over the river Saquehanna commencing opposite
or at the centre of market st. in the borough of Harrisburg of the form
materials & dimensions & in the manner following to wit: —

The bridge shall be supported on ~~to piers~~ ^{stone} & ~~abutments~~ ten piers
of stone and an abutment of the same material ~~at each side of end of~~
the bridge & a like abutment at each side of Moulays islands. The ~~first~~
distance between the piers and that from each of the abutments to the near-
est pier ^{is} not to exceed 300. ft. The piers shall be set on foundations
of natural rock and the dimensions ^{and abutments} of the former shall be as follows —
that is to say — the height above low water shall be 39 ft. — the average
width from low water to the height of 24 ft. (the springing of the arch)
shall be 24 ft. and the average breadth of the remaining 15 ft. shall
be 14 ft. The length from the foundation to low water shall be
76 ft. of which — ft. shall be above the bridge projecting up the
stream. at the height of 24 above low water the length shall
be 46 ft. and at the top of the pier the length shall be 38 ft. The
1 (end of the piers projecting up the river are to be covered & sheathed with planks
2 — inches thick well fastened to the piers. The stone of the piers shall be
1 fitted & jointed together & smoothed on the outside in the usual manner
of mason work. — The abutments of stone fitted & jointed & finished in
like manner as the piers shall be of the same height as the piers and at
the end towards the nearest pier shall be 2 ft. in breadth. The joints
stone & mason work of each of the abutments ^{including the masonry at the least} is to be equal in
quantity to that of one of the piers. — The descent from the
abutments at the islands ~~if made~~ of the centre point between the
slope The roads on the island between the two abutments shall
be filled up & gravelled at top to the height of 3 ft. ^{of the breadth of — ft} and as much
more as may be necessary to make the descent from each of said
abutments to the centre point between the same not greater
than one foot in 12. From the abutment on the western shore
of the river the road shall be so filled up ^{raised &} supported by masonry
as to ascend ^{uniformly} & at least to be level ^{to that height} to the distance of — yds. from
the abutment. Low water mark. — (or there) — shall be ^{raised} 3 ft.

led up supported by masonry walls as not to descend more than one foot in 5 - to the ~~base~~ ^{top} of the hill. (Or thus) - shall be so raised & filled up & supported by masonry walls as to ascend uniformly or at least to be level to the base of the hill. -

The breadth of the pier from the foundation to low water shall be 25 - thence to the height of 24 ft above low water ~~and~~ battering half an inch in the foot on each side - and from that to the top ^{on each side} battering not more than 2 inches in the foot. ~~on each~~

From the ends of the abutments shall spread toward the shore at an angle of 30 degrees with the line of the bridge & be continued by masonry walls ^{at} the same angle & ~~as~~ ^{to} ~~be~~ ^{as} deep as the foundation of the abutments until they reach ground 22 ft. above low water (that is spreading till they reach the top of the bank at the island & high water mark on the east & west shores.) - a parapet

The superstructure shall consist of 62 inches each composed of 3 sections or ribs ^{standing} rising from the chord line 28 inches the span is 300 ft. and a proportionable height when the span is less. These sections or ribs to be formed of white pine plank of from 35 to 50 ft. in length 4 (or 5) inches thick - 12 (or 15) wide & repeated one over the other breaking joints until they form a breadth of 18 inches & a depth of 30 inches (or 3 ft.). The whole width of the bridge shall be 39 ft. of which there are to be foot ways on each side of the breadth each of 4 1/2 ft. & the residue divided into two carriage ways of equal breadth. There shall be a boarded partition between the carriage ways & the footways with windows at every 12 ft. & a door at every pier ~~from the foot way through the same.~~ ^{carriage & foot way} The whole bridge to be covered by a shingle roof and ~~part~~ ^{part} side of the foot ways to be well secured & nailed off - (or to be weather boarded up to the roof with windows at every 12 or 15 ft. - in which case there need be no boards partitions between the carriage & footways). -

The sides ^{ends} of the bridge for the roof to the ~~and~~ are to be weather boarded & painted so as to protect from the weather all the wooden parts of the bridge. -