Printed by Middleton June 6. 1822

Recd. June 20 1822

BOSTON JUN 20

Mr. Solomon Boardman,
Lebanon,
Pennsylvania.

June 6, 1822

Dear Brother

My last Letter was 29 Apl, & yours 5 May. Thinking you were absent from Lebanon & have not been anxious to write.

Your Brother James called to-day, says Sam was very well on Sunday. He says partly & inquire if we could find a note you once held against Samuel Aspinwall for $100. We could not. Your Brother has a Mortgage.

In one of your memd Books, I find an entry of S. Aspinwall, Apl. 27. 1809 $100 a note — interest $1 2mo 1816 $47.59. and 2mo 29 1817 you enter again S. Aspinwall $100 with a mortgage in the same memd. book. —

Do you recollect what the Note is? —

We have many failures — money very scarce.

Ebenezer Farley,
Francis Welsh, Rich !!
Benjamin Rich
Joseph Grafton.
Robert Elwell.
King and Dana — who I believe go on. —

I felt much concerned when Rich stopped, for he had not then settled our adventure per Milton: — he had received payment in cash & notes or acceptances, but had only paid me $2000 on Apl. after several days delay, he finally delivered Capt. Upton, & the other freighters the property belonging to them. It would have been almost ruinous to Coll. & D. Our Bonds must be paid, & would have made sloop quite serious. — I am sorry to say, we should be losers a few hundred Dollars by the Voyage: the debts I believe are safe. —

Monday the Bangor Bank stopped, i.e. their agents here would no longer redeem their Bills !! — I believe there was no specie in the Town! The Banks of course must curtail discts. This makes great trouble.

Mr Bumstead renews his note for 1 year — of which I am glad as no paper can be safer. —

On 17th May, Mr Roberts your treasurer sent me $1000 on your account. His also sons mother. — Mr Pratt has hired the same House in Brighton a Newton! — Mr & Mrs Geo Lyman were in London 29 Apl — sons & Bath & Ramsgate — would probably Embark in June. — Shipwreck of Ship Albion! Poor — You will have read the miserable Shipwreck of Ship Albion! Poor W. H. Dwight, son of late Treasurer Dwight, was one of sufferers. He was one of the firm of Dwight & Broad-Street. — Capt. Orne has arrived at Salem in the Malabar. I can only send you mems this time, as I am much engaged in buying a cargo for Mr Forester. —

Yrs &c

Monsieur Monsieur Jean Jacques Rousseau
Citoyen de Genève
Paris

Mail 11 June 6

Loamin Baldwin Esq

Lebanon
Lebanon County

mail
1822

Reading

P. Muhlenberg Endorsed
Ohmstead Lebanon
June 11 1822

Office of Register & Recorder
Reading June 10th 1822

Sir,

I have received from Daniel Miller Esquire, agent
Millcreek Township a certificate in favor of
Negley Miller Collector &c for $15 Cents.

I am Respectfully
Your Servant
Jno Whitehill Cr

L Baldwin Esquire

PAID

Lebanon
Pennsylvania

Col. Lammé Baldwin

paid
1822.

Wm. J. Swindle June 16. 1822
Ans? July 14. 1822

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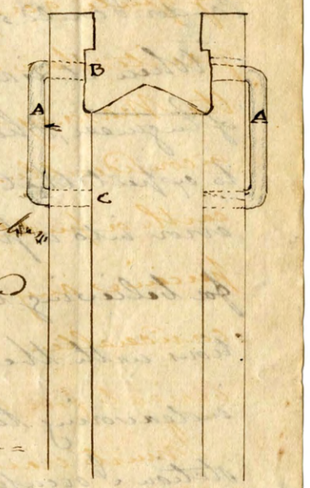
June 16, 1822

Canal

it would not too much increase the expense, I would add ten feet to its length. The annexed sketch will explain the position of the Culverts, which are represented by the letters A A. The water passes in at B, & discharges at C.



The interior diameter of the Culvert will be 28 inches its thickness two thirds of an inch. It will be composed of semicylinders with flanges at the sides & ends, & fastened together with screws & nutts.

It appears to me that this plan possesses some advantages over the English mode: One of which is, the facility of repairing any damage, or stopping any leak, without disturbing the Masonry of the lock. And when to the expense of constructing the old fashioned Culvert, is added that of the additional Masonry necessary to give strength to this part of the side walls, I do not believe there will be much difference in the cost of the two plans.

Whether this plan is an original suggestion of my own mind, or has been suggested upon it by some Author formerly read, I cannot remember; but the idea has long been familiar to me. Your more extensive information reading will enable you to point out to me, whence I obtained it, & where such a Culvert has been made: and I wish the sanction of your approbation, or a detail of your objections.

Upon all of these matters I pray you to give me your candid opinion & advice. There is no other Member of the profession to whom I would be

willing to expose my own ignorance, or pass upon those judgment & candor I could so much rely.

When it is recollected how recently I have embarked in the profession of Engineer, & how different were my former pursuits, it is natural to expect that the public will the more readily construe any little error into a proof of incapacity; & think indeed that I had no ground for believing that there are many enemies anxiously watching my operations with the hope of detecting faults; & industriously, but secretly, endeavoring to destroy all confidence in my capacity for filling the station I occupy. It is therefore very natural that I should seek at the fountain head for information & advice.

I will esteem it a particular favor, if you will cause the plan & specification of one of your locks to be copied for me. The expense will be thankfully paid where, to whom, you may direct.

To morrow I will set out upon an expedition up the river, for the purpose of laying out another section of Our Canal. Until the examination is made, I cannot tell where our route finden, & camp in with the river will be. It will be somewhere between the Kiver Hardware River, & Tuckahoe Creek. I have never been on the route, but I can anticipate much difficulty in deciding upon the proper mode of passing some Creeks on the way; viz. Licking Hole, Beaver Dam &c. To take such streams into the Canal, I have insuperable objections, & to cross them by Aqueducts upon a high level will be very expensive. If you can aid me with any suggestions, they will not be thrown away upon an ingrate. And if you have had to construct Aqueducts, I would be very glad to have a copy of plan, specification & estimate.

Your Answer directed to me in Richmond will be duly forwarded.

Our old friend pres Judge Lewis Summers of Kanawha, came to town yesterday, & spent the last evening with me: he enquired very particularly about you, about your present engagements.

Very Respectfully

Your friend & Servant

John G Gamble

Dear L.

June. 17. 1842

Thanx yours of June 9th I am glad you have found one good companion at least in Mr C. Mr Davis remembers him. —

Allston does not paint any small pictures, wh he might & furnish his expenses. Mem vee him. —

We have trouble enough in the commercial way — 39 failures great & small; best scarcely a merchant among them! Petty Brokers, Swindlers, &c. — — —

Octavius Pickering has raised blood twice — not severe attacks but alarming enough from the consequences usually flowing from them. The second attack he probably brought on by exposing himself too soon. I regret it more, as he was (tis said) about to be appointed a reporter in the Supreme Court. — — — —

From the many associations connected with it I am grieved & inform that your f[illegible] Samuel Shaw lost his wife very suddenly last Thursday morning; a child was born to her, and in half an hour the mother was a corpse! — I have not seen Mr Jno Knapp but it must be a great affliction to him and all the family. — Mrs S. I observe was 37 years old. — They will all have your sympathy — I will not Embitter any reflections that may arise in your mind or mine by any comments. —

I cannot mix any common events in such a letter as this, and I rule only Embraced this copy & Enclose a letter for you from Edm: Dana in England, tho' I am unwilling to add to your portage. It was left at our House, & it appears like my Duty to forward it.

Yr FW.

Mr Pratt removed to Newton last Saturday.

Rev. William Ellery Channing
Lenox
Pittsfield
Mass.

Rec'd June 20. —

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William Delany June 25.
Ans. July 13. 1822

Samuel Baldwin Esq.
Union Canal
Care of the President of the
Union Canal Company
Philadelphia
Lebanon

1822
Canal
Left Middletown

Canal

Baltimore 25 June 1822

Col; Baldwin

Sir

Having lately Come to this Town for the Purpose of doing some buisness, being Disapointed in my Expectations; and hearing that you were the Principal Engineer Conducting the Union Canal, I thought it not improper to write to you, thinking that you might have Some Employment for a person of my Description, you are Acquainted with my Abilities, Since the Time, the Survey was made from the Roanoke to Petersburg in 1817. I would Willingly make my self usefull as possible Being provided with all the Instruments Necessary in that Department of Buisness

If you Should not want me probably you might get me Employm.t With Mr. Strickland the Engineer at Philadelphia Whome I am told is intended to be Employed

By the Delaware Canal Company now
About going into operation, — your
Indefatigable Exertions, whilst on the Survey
From the Roanoke to Petersburg has often
Been talked over, by the Gentlemen of
That Town, in Particular by Mr. Mc Kinzie
and Mr. Bowlan I still hope that
you may Return them Which is the
Wish of Your Obed.t & Humble Servt

William Delany

P.S. a few lines addressed
to me at Mr. M. Hogans
O Donnells Wharf will
much oblige Yours &c &c

W.D

Woburn July 3 1822

Dr Brother

I wish you would send me a power of attorney especially to act in your behalf in the settlement of the Arrowsic debt & to discharge "the Proprietors of the Kennebeck Purchase" from all demands you may have against them by virtue of your title to the ~~Lot~~ right of Jonathan Fox in said Kennebeck Purchase which you hold as heir to my Father L. B. or by mortgage from Samuel Allen wife or other wise - You know best how to draw the power — the Objet is to obtain a settlement with said Proprietors & We Twenty the treasurer thinks a power from you to act is necessary - There is now no question but there are notes mortgage & money due to the

James B Baldwin
July 3. 1822
with Power of attny.

James B. Baldwin Esquire
Engineer
Lebanon Pennsylvania

Boston
JUL 3

Muir 183

For right one half of which you have a lien by
virtue of your mortgage from Ashmwale - for
this mortgage was recorded in both counties before
Mr Whittemore recved his deed from Ashmwale
of one half of the right - Mr Lords deed from
Ashenwale of the other half was recorded before
your mortgage & therefore we can hold but
half the right - Mr Whittemore claims for
the amount (say 150 dolls) of Taxes which he
has paid to prevent the right from being
sold for Taxes in 1815 - whether I shall
allow him any thing on this account I
have not yet determined - nor can I tell
what to do until I ascertain precisely what
is coming from the right - Mr. W. says he
has by paying the Taxes saved the right to us
& as he shall get now no benefit from his deed
from Ashenwale that we ought to pay him
what he has paid - especially as he did not
know of the mortgage when he paid these Taxes

we cannot find Ashmwale note of 100. dolls dave wattey
holds from you on this subject - I saw Mr Williams
yesterday but he had not received any letter from
you for weeks - Samuel has grown rather
thin - but eats pretty well & is about home
but does not now go to school - he has some
swelling on his neck which many thought was
the mumps at first but believe it is not -
Mr Williams talks of coming up tomorrow,
to see him - Mr Pratt has moved out
to Brighton -

We are all well - suppose you must
have pretty warm weather for sawing & laying
out your Canal - We one in a while hear
very good account of you - hope the confidence
of your directors will continue & that you
will make a good & permanent Canal for
them - The Mer. River has been very low
the month past so that rafts could not well
come down - in consequence of which our tolls
on the Middlesex for the quarter ending 30 June will
not amount to so much as last year for the same
period - It is now raining finely & we shall have a rise
of water in the Rivers - Sarah often speaks of you & wishes
you successful & happy - James is well - affectionately yours
Ed Tr Baldwin

Cement

My Dr Sir Richd July 9. 1822

I duly recd. y.r of the 2.d inst. —

I thank you for y.r kind intentions as to the cement. being an interested party, I may be suspected to be too particular in giving it a character, but as the experiments have been numerous, and not confined to such, as we have made, I may speak with some degree of confidence of its quality a Mr Hume, a mechanic, obtained, last June 12 months some cask of the true puzzolane, some of the united States and some of the Virg.a water lime cement, all invariably mark'd - he obtained also some of Parkers roman cement and prepaid & placed them accordg to Directions -

last Mo. he sent for Mr Randolph & for several respectable workmen who saw him place them side by side in the water, where they had remained covered three years, have given a certificate, pronouncing the Virginia Cement to be equal in quality to two & better than Parkers.

The little experiment I have made, of a cistern in my garden is very satisfactory: it is a cube of three feet of brick, laid in this mortar, with a thinly plastered smooth coat within; it was finished the 4th. May & the mortar was prepared by an old negro man, in, certainly, not more than two hours labour & that not more than a hand be laid in [illegible] good mortar — it remained till the 3 day when it was filled with water & proved to be as this it had set so well as to ring like a piece of fine bell metal. — yesterday I emptyed it, & observed its interior - the induration is far beyond, what could be expected from so short a time and certainly there was no diminution of the work, beyond the usual excoriation, from such an exposed surface & needs same as ever - the bottom & sides, from one the same degree of hardness & produced (I suppose) the ringing & still continues y.r cistern being now empty

James Kellom
Rich.d July 9. 1822
Ans.d July 31. —
Virginia Cement

Adami Baldwin Esqr
Civil Engineer
Lebanon
Penny

1822
Va. Cement

I have no doubt, but it will continue & increase in water - but it also appears that it is little affected by exposure & other Elements, for except fine, we have some instances on brick & stone &c have remain'd exposed & well, any heat & frost alternately rather improving the quality than lessening it: nor have I any doubt that if once fairly paid, there will be no competition - you seem & think from its weight, the expense of transportation will be great - this may be remedied, by having the powder immixed & save the expence of carrying the lime &c it contains, as you are in a lime country, but the best & best burnd only, will be proper; that we use is the Sopsile lime burnd. with a white heat: the lime will save in carriage as 5 to 4. but our price for the cement in that state is $12 p bbl. at the factory -

we have made some effectual experiment of this prepared as an outside stucco, for brick or stone & it is believ'd to be superior to any now in use, and is indeed most advantageously, to throw out water & keeping through foundation walls, for water tables and indeed I am so strongly impressed of its quality, that I shall try it on a flatt roof laid with Rough tile - it has also been tried in a strong spring in this town, entirely to the satisfaction of the owner -

as to the Labour in preparing our cement for use I presume you (except) the beating, w. is (perhaps) that no more is necessary than is usd in making a good mortar for ordinary purposes - I hope when I hear from you again to hear of y. experiment - I shall send on a quantity to Mr Hoyt in case any early call is made for it

Mrs S. & my daughter beg to be remembrd to you with great respect & Esteem

I am Dr Sir

Yo Obt. H. Servt

P Gibbons

Timothy Williams
July 13. 1822
Rec'd July 20. 1822
Johnson of Kentucky

Boston

Transit.

Bos. July. 13. 1822.

Dear Brother

I received in course your Letter of 30th June. I searched very carefully for Aspinwall's note, and cannot find it! — Yesterday I paid Stephen Higginson Junr (College Steward) the amount due from Thomas J. Johnston $156, and cancelled the Bond made by you and Doctor Bigelow!

His address you have above; that of his uncle is Dr. J. C. Johnston, Louisville. a rich & pay I dont know that there is money enough in Kentucky. & pay you, but Dr. must be a greater b—d than I think him if he does not pay you. —

The present price of this produce will not make them rich; $15 a hogshead has been given as bright of tobacco & Mark — $1 per cwt, expina down river — then sold at 2¼ to 2¾ ₰ per cwt) you can easily calculate what a loss! — — — —

Bancroft sailed from Conway 4 June for New York. Geo. Lyman came in the Triton, Bussy, to sail 1st July for Boston. Mr Frisbie at Cambridge, died at last of an abscess in the Lungs. —

Warm weather — much rain — the fruits of the earth were never more abundant. — — — —

I was at Woburn 4 July — same way very well. Mrs B. looked remarkably well, better than I have seen her since the death of our Brother. The house very neat and pleasant — — —

My mother & self have been to Watertown and Brighton. — She bore the ride as well as I did.

We go on in our sober still way. What progress does Le Baron make? When do you break ground in front? You have been surveying

Yours
W

Winslow Channing & Co, have sailed!!

Boston July 16. 1822

L. Baldwin Esqr

Sir

Excuse the freedom I take in addressing you, as I can only offer as an apology, my misfortunes at St Louis, which has thrown me out of business, and am compelled to ask for a living in some more humble way than Mercantile pursuits.

Mr Moody suggested the idea of addressing you, as there was a probability of your being in want of some person. I presume it will be unnecessary to say much in my praise as you once employed me. If necessary I can produce the best of recommendations. Should you be in want of my services and think it will answer, ~~[illegible]~~ please inform me at your leisure —

I am Dear Sir yours &c

Charles Hastings

Charles Hastings Boston July 16. 1822

BOSTON MASS. JUL 16

Paid

L. Baldwin Esqr.

Lebanon Penn.

Steyle 1822

Lebanon Pennsylvania

E. Williams.
July. 30. 1822

Boston

Thomas P. Roberts Esqr.
(Treasurer of the Canal Comp.)
Philadelphia.

Boston 30 July 1822

Dear Brother /.

I rd on Sunday yours of 22d. I am glad You have finished your Journeys. [illegible] Wd not have finished your Work. — [illegible] Pettis family has left me — say. appears to be almost deserted. [illegible] At merchants have been in constant alarm — [illegible] the first week — and rumors prevailed. [illegible] has failed — Some doubted who perhaps did not [illegible] Our last serious failures were, Nathan Bridge and Abijah Fisk. The latter a great Speculator. — M. York, there have been only 5 small failures. It is best hereafter for Bostonians & be silent. — You mention about Stevens & F. Cabot, whose note fall due 5 September. — Had an opp'y & day to lend Pickering Dodge $8000 for one year at Interest, & have done it on Your a/c and charged the same; wh I think You will approve. Mr. C. is good, but Mr D. is better. — This I have done in anticipation of the money [illegible] to be received of Cabot. — If not perfectly agreeable to You, I will do it on my a/c. — To-morrow some of our money is due in York for Sugar sold there, from our adventure. — Therefore I shall be more than in Cash for Your a/c. —

Mr B. Willis is here. He is quite well — he has brought 1 Volume of Dupin's Work for You — 3 more Vols are expected soon by a Vessel to this port from France. Willis intended & have brought the 4 Vols in his Trunks, but 3 were packed in another case without his knowledge. —

Mr Pickering has returned from Phil.a — Octavius is in Salem to the present. —

I believe I never mentioned that J. Lee Jun had bought a farm in Brookline. — He said he could not live without some occupation — he has engaged in a pretty expensive one! As you expected one in Phil.a this week I shall endeavour & find you there with this letter, & my best wishes. W.

Mr Geo. Lyman embarks aboard
8 July for Nagasaki in Ship
Cortes: we have letters from
them to 24 June. ——