18 Papers, August 1881

Boston, 1st August. 1881.

Prof. W. B. Rogers.

Dear Sir.

In considering the question of an appointment for the vacant professorship of Architecture in the Institute, the Committee have found even more embarrassment than they had apprehended.

The place is a difficult one to fill, calling for the union of capacities and acquirements which are rarely united in one man. That a teacher of architecture should have a comprehensive & thorough knowledge of the historical and artistic side of his subject, — the side on which it is allied to the fine arts — is imperative. That he should also have mastered completely the constructive

and mathematical side, — the side on which it is allied to the sciences, — is hardly less imperative. A thoroughly equipped school of architecture should have a teacher for each of these divisions. Your chief difficulty lies, as we apprehend, in the necessity of uniting the two under the charge of a single professor, who will inevitably incline both from natural taste and experience to one or the other of them.

We have however determined to suggest to you the names of Mr W. P. P. Longfellow, (who has within the week returned from abroad) and Mr. Theodore M. Clark. Both are members of our society, and either would in our judgment bring to the service of the Institute unusual abilities and an established seriousness of purpose, promising the best results.

We are, dear Sir,

Yours very truly

Eliot C. Cabot

Henry Van Brunt

Hall Cummings

P.

Nautical Almanac Office,
Navy Department,
Washington, D. C., Aug 1, 1881

Dear Prest Rogers,

On consideration, it seems likely that the reasons for the form of receipt by the University, and the omission of the transit and optical glass, were that the latter were not bequeathed to the Academy, but formed part of the general estate. The property bequeathed was, I believe, described in the same terms adopted in

the receipt.

On the other hand, as the books etc were bequeathed unconditionally to the Academy I see no reason why the executors should not turn them over to the Academy as soon as it is ascertained that they are not required to pay claims against the estate.

Of the property alluded to, the star maps alone are of value and interest.

Yours very truly
Simon Newcomb.

Prof. Church.

X

Newport Aug. 1. 1881.

My dear Sir.

Your name has been mentioned along with ~~several~~ others in connection with the vacant Chair of Civil & Top.[l] Engineering in the Mass. Inst. of Technology. ~~lately made vacant by the resignation of Prof. Hench.~~ Should you wish to be one ~~considered a~~ a candidate for the position please write me to that effect, and

make

~~and make~~ ~~communicating~~

any Communication in relation
to the subject
~~[illegible]~~ which
you may think advisable.

As the ~~Math.~~ Dept.
of Pure & Applied Mathematics
are very fully provided for
in the Institute, the Prof. of Eng.
~~in Geod.~~ will be expected
to give a large measure of his
~~[illegible]~~ attention to
Engineering, Practice &
Construction.

The Salary is 2500 p. ann.

Yours very respectfully,

W. H. R.

Prof. J. P. Church

X

Newport August 2. 1881.

Ed. C. Cabot Esq.
Ch. Com. Bost. Soc. of Architects
My dear ~~Mr. Van Brunt~~ Sir.

Accept my thanks for yourself & the other members of the Comm: of the Bost. Soc. of Architects, for the letter rec'd yesterday, so kindly responding to the request of the Comm. of the Institute in relation to supplying the vacancy in our Department of Architecture.

I shall take an early opportunity to present your letter to our Committee who will I know attach great weight to the names suggested by you, and may take the liberty of enquiring of you further in regard to them.

(Lanza) ~~Swain~~

[fm. Gaetano Lanza] Stockbridge Aug 3 1881

Dear Prest Rogers

I am sorry to hear that you are still so far from any definite result in regard to the two vacant chairs.

You ask me what I know of Prof Church of Cornell and what of C. F. Allen. Of the qualifications of either I know absolutely nothing. C. F. Allen graduated the first year that I was at the Institute, so that I never knew him at all.

You say that Prof Church is highly commended by Profs Eddy and Wing, and that he is strong on the Mathematical side. Does Prof Wing know anything of his qualifications other than that he is a good Mathematician? for this alone would not be sufficient to make him a good Professor of Civil Engineering.

I hope you will excuse me

if I write in a rough way, what, according to my ideas, our Prof of Civil Engineering ought to accomplish, in order to make the course what it should be.

1° In Geodetic work he should, it seems to me, not merely teach ordinary surveying on the small scale, and the laying out of railroad curves, but also acquaint the students with the most modern and approved methods of triangulation on the large scale, such as would be used in the Coast, and other extensive surveys, with the methods of correcting for all the incidental errors, and also such triangulation as is used in the construction of large works, such as tunnels etc.

2° He should give a good course of hydrography, with the best methods of making the necessary surveys, and of carrying on in all their details river and harbor improvements of all kinds, the building of sea walls, and docks, the filling of flats etc.

3° The building of tunnels, of waterworks, and of sewerage systems, should be well treated and the students should be so familiarized with the present state of the engineering knowledge on these subjects, as to enable them to successfully take part in the construction of such works.

4° The prominent systems of bridge building now in use, should be examined, and the students should be made so familiar with all the practical details, as to take charge of, and superintend the building of bridges, and not merely to compute the strain sheets.

5° He should not be a man wedded

to text book instruction, but should be able to, and desirous of building up his course in accord with the best knowledge of the times, and of improving it constantly, giving the students the benefit of the newest improvements as they arise.
6° He should be so familiar with the mathematical side of the subject that he should know readily on what experimental basis any set of formulae in regard to any of these subjects rests, and while using the results of the best computations, he should not be carried away with the idea that because a certain result is obtained mathematically, therefore it must be true whether borne out by experiment or not.
Now I think probably ~~that~~ that a man who is ready to do

Newport Aug 3. 1881.

Dear Prof. Osborne.

The scheme for the Math.l Department last submitted to you, & to which you, & afterwards, Prof Runkle, assented, was finally adopted by the unanimous vote of the Committee, who expressed much satisfaction at the conciliatory spirit in which you & Prof. Runkle had acted.

The Trustees Dep^t of the ~~Inst~~ School including the work of Gurney & Ranke & Lange — is one of conceptional Strength & Best ~~Conception~~ ~~state~~ of its Prop^s by ~~[illegible]~~ efforts exhibited largely to the honor & prosperity of the Institution.

I confess that I feel a peculiar interest in its present personal equipment —

W B R

Aug. 4. 1881.

My dear Mr. Daniels

I have delayed acknowledging your kind note rec'd some days since until I could send a reply by your daughter Miss about leaving us.

If anything could be done in the way of increasing Mr. Stone's compensation consistently with the claims of others, I should be happy to give my influence towards it. She is personally most esteemed by us all, & has always performed her duties most faithfully & well. The present pay however is behind to be as high or higher than the Institute is allowing for other services of like grade.

We shall be glad whenever the finances of the Institute permit, to add to the meagre salaries of the Prof. & Superintd. as well as of many of the other officials; and you may be assured that his and our most Mr. S's merits will not be overlooked.

Yr

86

Manchester, Mass
Aug 4. 1881.

Dear Mr. Rogers

I will gladly read a paper of some sort, before your Town & Country Club, on the 16th instant. My doubts about the subject are due to separation from my MSS. which are in New York, & not easily reachable by delivery. This limits my scope.

I am to preach in Newport on the 15th so that the 16th will be much more convenient to me

Chan the 69th.

Very sorrowfully &
cordially Yours
H. W. Bellows

Bellows.

E. F. Allen

Mass. Institute of Technology,

BOSTON, MASS.

Aug 4th 1881

President Rogers

Dear Sir

According to the last reports Prof. Nichols was in a somewhat more encouraging condition. Dr. Bowditch felt more hopeful at the time of the consultation last Saturday. There are signs of action in the lung which had been congested. Still his recovery must necessarily be exceedingly slow and he ought not to be allowed to do any work for a long time to come. It would be best for the Committee on the School to allow him to be absent at least for the

first half of the year. It will be necessary to have more assistants in the chemical department to get along with the work. I suppose Prof. Wing has as much as he can attend to and it will devolve on me to attend to Prof. Nichols' work as far as possible. If this is to be done I shall not be able to do all the drudgery that I have had to do heretofore and it would be advisable to have more assistance in the Industrial laboratory. I mention these matters because there should be some authorization to secure whatever help may be needed, as opportunity offers. There are not many free who can be secured at a moment's notice.

I hope we shall get something definite as to Profs Heck and Ware's places before long, as we are likely to lose some students if it is not announced before very long that the places are filled.

Mr C. Frank Allen who graduated in 1872 had a very good record. His marks were:-

1st year 100 - 100 - 76 - 86 - 77
95 - 100 - 80

2d year 98 - 77 - 59 - 100 - 76
70 - 95 - 100 - 100 - 100
87 - 90 - 75 - 74 - 60
88 - 100 - 78 - 85 - 95
93 - 92 - 90 - 95 - 95 - 100
100 - 90 - 71 - 64

3d year 92 - 79 - 85 - 88 - 55
75 - 95 - 96
85 - 85 - 90 - 78 - 55
49 - 79 - 80 - 48

4th year 81 - 97 - 96 - 86 - 85 - 86
63 - 83 - 60 - 70 - 100 - 87 - 45

75 - 90 - 98 - 80 - 90

the few low marks being in non professional subjects.

He has had experience in water works and on railroads and is a wide awake man.

I think he would be much preferable to Pike. Pike was at Orono for some time and has had experience in teaching but hardly enough in practical work.

We shall need an assistant in the civil engineering department, and possibly Mr Perry of Bufts might do for that place. He has not called yet.

We have just got the new steam boiler in and they are about to start with the brick work to close it in. It is a relief to have it in place as we can now begin to clean up, which we could not do while bricks and mortar

[8/4/1881]

X

have been encumbering the passage ways.

I suppose Mr Pappan will be back by Monday as he calculated to be away about two weeks. I may be away when he comes back but Mr Rich will ask him to inform you when he comes.

Respectfully yours
John M. Oakway

Prof. Richards

X

Calumet
Houghton Co
Mich Aug 6 '81

My dear President Rogers
You very kind note is just received.

Please accept my thanks for the interest you have taken in adjusting my work ~~for~~ to relieve my much occupied time.

I have just heard of another blow that is probably coming upon me. My clerk Mr. Rich will probably leave me about the first of September. He wishes to educate himself as a mechanical Engineer and is going to Orono Maine for that purpose.

I suppose I shall have to cut short my work up here just as I get to the most interesting part it is a little hard but I see no

way out of it. And now I shall have to look to all the minutest details of the secretary's office again in order to teach a new clerk. However I have been expecting it all along I knew we could not keep Rich long on the salary we can afford to pay him. He has too much ambition and feels his need of education too much.

I am very sorry to hear that Greene has disappointed us. Your note was the first official news I had that he had changed his mind. A few days ago I saw a paragraph in a western paper stating that he had concluded to stay at Ann Arbor but I did not think that it could be true.

In regard to my classmate Charles A. Smith I think he is a thoroughly good fellow in every way. I think he will take the boys right out into practical work in a way that we have always wanted to have them.

In the mathematical and theoretical parts of his profession I think he is all right.

In his personal appearance dress &c he is careless perhaps not more so than the society in the West will overlook. I think he would need to receive a hint in this respect if he came to us.

I have reason to believe that Smith would better like the position of Mechanical Engineer at the M. I. T. than Civil Engineer and if the former position was

ever vacant possibly he might be the fittest candidate that we could find. I have heard it said that Smith is very conceited and self satisfied this I think may be true.

I have never known Prof Pike at all, further than just to exchange a good morning when we met.

Mr C. F. Allen of '72 I have a very warm regard for, I believe him to be quiet modest reliable and at the same time a very promising young engineer, I have seen a good deal of him in Alumni matters, besides he was in the first class I ever taught. All his school mates and fellow engineers have a very high opinion of him. If he should receive

[8/6/1881]

the appointment it would of course be an experiment as in case of any untried man. But I think Allen's appointment to the vacancy would bear better promise of bringing the department into the active practical working condition, than the appointment of any other candidate I have heard mentioned.

Please give our love to Mrs Rogers.

Very Sincerely Yrs
Robert H. Richards

This note of course is confidential

Richmond Virginia
6th Mo. 1881.

Ally Dear Sir:

I find that you were one of the pioneer workers of this society - a member of the stanch body guard, the "Standing Committee" of April 1834.

The Executive Committee hope that the enclosed action will not be unacceptable to you and that you

will be pleased to honor
our body corporate
with a renewal of the
fraternity of the past.

I beg to remain,
My dear Sir,
With high respect,
Fraternally yours,

Rob Boyd

Rob Wm B. Rogers
Sec, Sec,
Hist: Soc: -

Newport. Aug 6 1881.

(X)

Dear Prof. Smith

Mr Philbrick tells me that he has written to you on the subject of the enquiry which you addressed to him.

I am myself quite unable to judge of the extent to which you might expect to add to your income through this or other outside work, but I should imagine that professional work would come to you before long if not very soon. I think the long delay (which you ask) before entering on the duties of the Chair, would be a grave inconvenience to the Inst: especially at the beginning of the New Residency & would I think be a serious objection with the Comm.

Could you not if otherwise satisfied manage to dispense with part at least of this delay limiting it say to a month or 6 weeks at furthest.

Should you conclude under these

circumstances to request to be considered a candidate for the Chair please write to me at your earliest convenience.

WBR.

Richmond, Virginia.

Aug. 6th 1881

Sir:

I have the honour to inform you that at a meeting of its Executive Committee, held this day, you were elected an Honorary member of the

Virginia Historical Society.

Trusting that this action may be agreeable to you, an early response is requested. I am Sir,

Very Respectfully,

Your Obd't Servant,

R. A. Brock

Cor. Secretary.

Rev. Wm B. Rogers.

Aug 6. 1881

To C. Frank Allen
~~Frank R Allen~~

Aug 6. 1881.

(4)

Dear Sir

You may be interested to know that the Ch. of Chem. Eng. in the Polytechnic has not yet been filled — Prof Geer who was appointed by us has withdrawn his accept. in consequence of the great unwillingness of Mrs G. to leave her present home.

You have her best wishes as well as that of others in connection with this Chair. Should you wish to be considered a candidate please inform me & make any communication touching practical & sci. qualifs which you may think advisable.

C. Frank Allen
~~Frank R. Allen~~ St. Joseph & R.R.
Las Vegas New Mexico

Yr

W B R.

X

Newburgh, N. Y. Aug. 6 '81

Dear Sir

Your letter referring to the vacancy in the Civ. Engineering chair at the Mass. Inst. of Technology, has been received, and I am exceedingly obliged for the same. I should be pleased to be considered a candidate for the position. I am a Cornell graduate [B.C.E. '73, C.E. '78] and have held the position of

Asst. Prof. of Civ. Engineering in that institution for the past five years. My work in that Dep't has consisted in giving instruction in the Mechanics of (Applied Mechanics) Engineering, also,

Hydraulics,
Water Wheels,
Hydrography,
Stereotomy,
Arches,
Engineering Lab. Work,
French and German Technical
Geodetic Practice, [Reading,

and others. Of course my private study and researches have not been confined strictly to the above.

I have declined one offer this summer, from a college of no prominence, but should be much pleased if successful in the present matter, and gain a connection with an institution of the reputation of the Mass. Inst. of Tech. I can refer to the Cornell Faculty, and to Prof. Wing, of your institution.

Lieut. Van Nee, who perhaps is still at Fort Adams, Newport, is an acquaintance of mine.

As it is getting rather late in the summer I suppose the matter will be decided soon.

Through August my address will be Newburgh, N. Y.

It may be of interest to state that Mr. G. W. Holley, of Niagara Falls, is my uncle and father-in-law. Very respectfully yours,

Irving P. Church.

Wm. B. Rogers. Esq.
Newport

Superior, Wis. Aug. 7th 81

Dear Prof. Runkle:-

Mr. Howland informs me that my name has been mentioned to Mr. Philbrick as a possible successor to Prof. Henck, at the Institute, and I write to ask your assistance in the matter if you are willing to give it. As you know I have had ten years experience in this sort of work with results that show certainly a moderate amount of success. Besides my experience as an instructor and the necessity of keeping myself posted on engineering progress, I have had quite a varied drill in practical work.

I have at different times been connected with work in the following directions. Coast Survey, R. R. Work, City work, Bridge Construction, a little on Water Supply, County surveying and a few expert cases. I speak of this to show that I am not solely a theoretical man but that I have had practical work enough to make my instruction such as should fit my students for active life, and the present occupation of my past students show that they have actually been so fitted.

I am very pleasantly situated in Minneapolis and believe there is a good future before the University, but I have hoped for sometime that I might eventually get back to the Institute, and now, if at all, seems to present an opportunity.

I am spending part of my vacation here, acting as resident engineer on the Northern Pacific R. R. on the Wisconsin Division which is in charge of Mr. Weeks of '71.

If you are willing to help me in any way I shall be greatly obliged to you and I believe that I can satisfactorily fill that Professorship if offered to me.

I trust that you have entirely regained your health

Yours very respectfully
W. A. Pike.

Dear Aunt Hope, I met a visitor
instead of writing to you this morning
[illegible] Victoria. I think it
R. Symonds [illegible] unknown
a little on Mr. Jonathan W. [illegible]
[illegible] Mr. Julian Ono [illegible]
[illegible] I now give
[illegible] Dear Aunt Hope [illegible]
[illegible] I wonder that they
make [illegible] to [illegible]
[illegible] that [illegible]
[illegible] enough
[illegible] that
Jerry D. W. actually [illegible]
so pleased.

I am very pleasantly situated
in Minneapolis and believe
there is a good future before
the University but I have
[illegible] for some time that
I might eventually get back
to the Institute and [illegible]
If not, [illegible] present
an opportunity
I am spending part of my

Newport Aug. 8. 1881

Dear Sir

I shall be in Boston on Wednesday next, and should like to meet you for a few minutes, at the Institute near your Hotel, about 1½ O'clock PM.

Be so good as to telegraph at my expense whether you can comply with my request. Yours very truly

William B Rogers.

W. C. B. Longfellow Esq.

Dear Prof.

In your letter of 12th just rec'd — you do not speak of having had an actuate experiment in his Eng. work.

As the Prof. would be expected, his [illegible] is very likely to give a large measure of his attention (as mentioned in my former letter) to density & practical results, & ~~would be a great~~ ~~[illegible]~~ experiment would be an important acquisition.

Newport Aug. 9. 1881

Dear Sir:

In your letter just rec^d you make no mention of having had actual experience in Eng^g work. As the Prof^r of Engg^g at the Institute would be expected to give a large measure of his attention to directly practical matters, such experience would be an important recommendation. Please therefore add any details you may think advisable

& believe me

Yours very truly

William B. Rogers.

Prof^r Irving P. Church –

Recd by E. S. Phillips Aug. 14th & referred to Prof. M. B. Rogers

3000 B. 3-20-81.

NORTHERN PACIFIC RAILROAD CO.

ENGINEERING DEPARTMENT.

Wisconsin, Division, Superior Wis Aug 9th 1881.

Dear Sir:-

My friend Mr. Howland writes me that he has mentioned my name to you as a possible successor to Prof. Henck at the Institute of Technology, and therefore I take the liberty of writing to you on the subject.

Though I have been engaged in teaching engineering most of the time since I graduated, I have always endeavored to keep up my knowledge of actual work and have had practical experience as follows.—

One summer on the U. S. Coast Survey, being engaged in both topography and hydrography.

A considerable amount of city engineering, in Boston under Prof. Henck and in Bangor Me.

A short time on a survey for water-works in Bangor.

A few cases of bridge design

A short experience in R. R. location

A large amount of land surveying.

A few "expert" cases, related to water power &c

5000 B. 3-20-81.

NORTHERN PACIFIC RAILROAD CO.

ENGINEERING DEPARTMENT.

[8/9/1881]

Division, 188

I am now, during my vacation acting as resident-engineer on the Wisconsin Div. N. P. R. R. and am in charge of the construction of fifteen miles of road. Beside this work I have done considerable in machine design, work which indirectly has quite a bearing on civil Engineering.

As to my success as a teacher of Engineering I will gladly refer you to Ex-Pres Allen or Pres. M. C. Fernald of the Maine State College or Pres. Folwell of the University of Minnesota, and enclose a list of my graduates with their employments.

I should be very glad to receive this appointment if it were thought I could fill the place, but as I am at present under engagement it is very desirable that I should know as soon as possible if my name is favorably considered.

Yours very respectfully

W. A. Pike

Mr. E. S. Philbrick

P. O. Box 231. Newport, R. I.

5000 B. 3-20-81.

NORTHERN PACIFIC RAILROAD CO.

ENGINEERING DEPARTMENT.

Wis. Division, Superior Aug 9 1881

E. S. Philbrick Esq.
Newport. R. I.

Dear Sir:-

Mr. W. A. Pike is now in charge of 15 miles of work on the above R. Rd. as Resdt. Engr. He is giving satisfaction and is thoroughly practical and competent for the work he is in charge of-

Yours truly

J. S. P. Weeks
Div. Engr.

I asked Mr. Weeks to give his opinion of me as a practical engineer with the above result. I should perhaps have stated, what I assumed you knew, that I graduated at the Institute in '71 and am now Prof. of Engineering in the University of Minnesota at Minneapolis.

W. A. P.

August 9. 1881.

Aug. 9-1881

Boston, Aug. 9, 1881.

My dear Sir:-

Your note of the 7th has been received.

I had already reached the conclusion that among the various persons named, Mr. Theodore M. Clark would be the right man to become the head of the department of Architecture, provided we can afford to pay him.

I have given preference to him over Mr. Longfellow, because I think he is stronger and has more work in him. Mr. Longfellow and Mr. Greenough will be very valuable assistants.

I am inclined to believe that we shall be obliged to introduce the commercial element, in some measure, into this department; it depends so much on special stu-

Boston Dec. 7, 1881.

My dear Sir:-

Your note of the 1st has been received.

I had already heeded the resolution that among the various persons named, Mr. Theodore M. Davis would be the right man to become the head of the Department of Architecture, provided we can afford to pay him.

I have given deference to him over Mr. Stoughton, because I think he is stronger but has more work in him. Mr. Stoughton and the Treasurship will be very valuable assistants.

I am inclined to believe that we shall be obliged to introduce the commercial element in some measure, into this department; it depends to much on official rela-

[8/9/1881]

dents, and maybe made to pay more than its expenses according to the number of special students, that I think we shall be obliged to fix compensation in some measure dependent on the number of pupils.

Sincerely yours,
Edwd Atkinson

Professor Rogers.

(dictated)

Arch

Boston 10th Augt 81

My dear Sir

Of the two candidates you name for the chair of Architecture & Building at the Institute my enquiries lead decidedly to the choice of Wm Longfellow, who as the Editor of the Architect & as a professional man of fifteen years practical experience fortified by two years of recent travel in Europe seems eminently qualified for the position.

I remain Yours very truly

Augustus Lowell.

Interview with W.P.L. — Aug 10. 1881

To the enquiry — if he was inclined to be considered a Candidate for the Chair of Arch: he replied as follows,

1st. He thought that one Prof: was needed to properly cover the Course set forth in the Catalogue — & that the salary was sufficient.

2. He thought that the Course should be modified in some particulars, and mentioned especially — the desirableness of omitting the Calculus from the requisites for graduation

3. Asked whether the Profship would be allowed to shape the whole Course in accordance with what he thought it should be. I replied that the P.S. suggestions would of course have very great weight, & that in the case of the Calculus for instance, it might be made merely elective if not omitted —

4. He thought that the fund coming from the fees of the Stud. should be devoted in part at least to the endowm.t of the Dept. either by increasing the Prof. Salary, or to give him the means of supplementing his own work by lectures on Special Topics, from persons who he should choose from among the architects - I mentioned that such supplemental lectures had been already thought of by the Corp. & approved - what cost he would incur in such way - He said about $1500 -

5. He left me quite in uncertain whether he would be willing to take the place, even were the above suggested changes to be made, & said nothing in the way of promising, from the position in any event.

The impression I rec.d - was that Mr. L. has much Culture refinement & Ability especially on the Art - side - but that he may be lacking in the energy & practical turn of Mind & the working force which he should like to secure.

4

Prof. W. B. Rogers —

Dear Sir:

It occurs to me, as I recall our conversation of yesterday that I may have negligently given you a wrong impression. The conversation having turned chiefly on what seemed to me the important conditions of good service to the Institute from its architectural chair, I am afraid that I seemed to

imply a distinct readiness to take the place, if it should be offered me with the modifications I suggested, — principally an allowance of $1500. — (Rather I should say of $2000. —) for procuring supplementary instruction.

I might to say that I had not reached this point of assurance. I have now, as I said to you, no professional engagements; but I have proposed to myself certain work which could not be carried on with the duties of a professorship; and which I find myself reluctant to resign. The school work would require from me an amount of special preparation which it would be much better to give before the ink began than while the ink was going on. In view of these things I have not yet been able to decide whether it would be well for me to undertake it.

Very truly yours
W. P. P. Longfellow

Hotel Brunswick
Aug. 11th 1887.

WORKS CONSTRUCTED.

Gas Works, Alliance, Ohio.
" Lawrence, Kansas.
" Sherman, Texas.
" Kankakee, Illinois.
" Joplin, Missouri.
" Washington, Indiana.
" Carthage, Missouri.
" Denison, Texas.
Water Works, Pueblo, Colorado.
" Alton, Illinois.
" Hannibal, Missouri.
" Stillwater, Minnesota
" Wyandott, Kansas.
" St. Charles, Missouri.

Address St. Charles communications to
J. A. JONES, Supt. of Construction.

Carroll E. Gray,

CONTRACTOR AND BUILDER OF

Gas and Water Works,

Home Office: 805 Pine Street, St. Louis, Mo.

St. Charles, 19th Aug 1881

Prof. Wm. B. Rogers
Newport R.I.

Dear Sir

Your telegram concerning my reply rec'd today having been delayed in St. Louis. I presume that by this time you have the letter referred to.

It is best for me to decline your kind offer, — As I am now placed in relation to Mr Gray. I am working for him, and I could not fill my place if I should leave him now, without risk of great expense to him, and he would be obliged to pay any man who could do my work much more than I have been charging him — I can not in honor leave him now, and altogether it is best for you to find some one else

Respy Yours
Chas A Smith

7

Atlantic House, Ocean Beach
N. Jersey
August 11. '81

Dear Sir

Your favor of the 9th inst. has been forwarded to me. My experience in Civ. Engineering has been almost exclusively in an educational way. Of the eight years since my graduation the first was partially occupied in surveying and topographical work along the Hudson River, the other seven in teaching. As you remember, the panic of '73 made positions in Engineering work

very hard to obtain for some time. Once employed in imparting instruction I became so fond of it that I have never desired to leave it for more practical work. Until Aug. 18 any communication addressed to me here would would reach me more quickly than if forwarded from Newburgh.

Very sincerely yours.

Irving P. Church.

C.F.

Respectfully submitted
to Wm B Rogers Pres.

Boston Aug. 11th/81.

E. S. Philbrick Esq.

Dear Sir:

When we were speaking about the professorships at the Institute the other day I mentioned the name of Pike to you but couldn't tell you about his experience except in teaching. I now learn that during vacations and other times he has had practice in railroad work, coast survey, a good deal of country surveying, bridge design, & water works. He is now spending his vacation on the Northern Pacific R.R. in connection with the construction of one of the branch lines.

As professor of engineering he has had ten years experience.

Very truly yours
Albert H. Hovland.

Gibbs Ave. Newport.
Aug 11th 1881.

(X)

George F. Swain Esq.

Dear Sir

Should you still have a desire to devote yourself to the work of instruction in Civil Engin. you will, I think, be interested to know that, in the re-equipment of this Dep.t made necessary by the resignation of Prof. Henck, we shall be called on to appoint an Assistant as well as a new Professor, before the

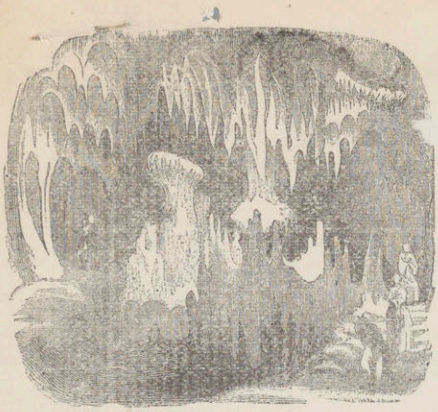
opening of the next session of the Institute.

Several names are under consideration for the Professorship, but none as yet for the other position. Should you wish to be considered a candidate in this connection please write me to that effect, & make such further communication as you may think desirable.

With best wishes believe me

Yours faithfully

William B Rogers



WEYER'S CAVE.

J. L. MOHLER

PROPRIETOR,

P. O. MT. MEREDIAN, AUGUSTA CO, VA.

Aug 11th 1881

Prof. Wm B. Rogers
Pres. Mass. Institute of Technology

My dear Sir,

Time may have caused you to forget me, and I may appear to you today a mere stranger, but your name is as familiar to me as any household word & has been as often mentioned in connection with Weyer's Cave ~~as often~~ as I have in the past thirty years conducted parties through it, will you be surprised then to receive this from one who when quite a lad was often your companion whilst you were exploring

[8/11/1881]

WEYER'S CAVE.

J. L. MOHLER
PROPRIETOR,

P. O. MT. MEREDIAN, AUGUSTA CO., VA.

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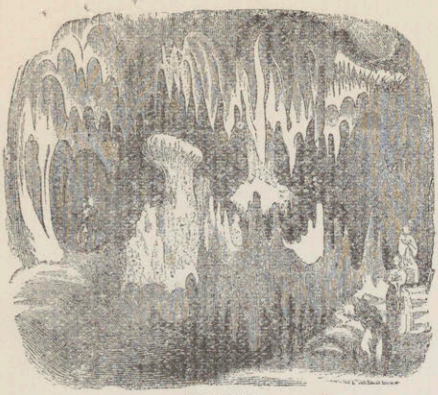
these Subterranean passages, which if I am not mistaken led to the discovery of one of its largest Chambers, which mention, perhaps may call to your mind some pleasant recollections of your frequent visits during your vacation when Prof. of Geology at the University of Va, but be this as it may I will confine myself to the object which prompts me to write & beg pardon for trespassing upon your patience &c I am preparing to have published a pamphlet descriptive of the Cave for distributing to our visitors

[8/11/1881]



WEYER'S CAVE.

J. L. MOHLER

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and being aware of your knowledge of its formations, would value above all others a short article from your pen touching upon the variety & singularity of its formations &c, to be inserted into the body of the description, Hoping to receive a favorable reply from you soon

I am With Great Respect

Yours Most Truly

J. L. Mohler

Before this ~~the unfinished~~ [illegible] ~~[illegible]~~ of travel may ~~bring~~ [illegible] ~~[illegible]~~ ~~[illegible]~~ [illegible] to enjoy its beauties & ~~be~~ ~~[illegible]~~ ~~[illegible]~~ of science & [illegible] & hope that [illegible] ~~[illegible]~~ [illegible] & best wishes for success on [illegible] on [illegible] in the [illegible], &c.

Aug 14 1881

Dear Mr. Mohler –

I have just rec^d your letter of the 11th inst – which has revived many pleasant recollections of visits to Vieques Cane Sugar forty years ago, when I had the benefit of your Guidance & hospitality, and I should be glad to comply with your request for an account of my ~~adventures~~, but pushed as you for the coming pamphlet and my engagements & haste allow me to undertake the work. ~~But I am sure~~ ~~I am~~ ~~I am~~ But as you may take imagine, I am compelled to reserve my strength for pressing offices & other duties & to decline all labor not connected with them – In other circumstances, I should greatly enjoy a work which would recall the instructive, cheerful & manly features of the Cane, and most pleasantly lead me to renew ~~old~~ ~~friendships~~ friendships by systematic correspondence & the

Dear Mr. Swain. Newport Aug 12. 1881

Should you still have a definite desire to devote yourself to the work of instruction in Pov. Eng?, — you will I think be interested to know that in the re-organization of the Dep.t of C. Engineers made necessary by the resignation of Prof. Hirsch, one should be called on to assume as assistant as well as a need Prof in this Dep.t before the opening of the next session of the Institute.

Should you wish to be a candidate in this connection please write me to that effect and make such further answer, as you may think desirable,

Yours truly

Wm B Rogers

Geo F Swain 152 Point St. Providence

Geo. F. Swain Esq. 150 Point St Providence

[illegible]

[illegible]

to be the re-appointment of the

[illegible]

Dis[illegible] of Cov. Eng. in the Institute,

made vacant by the resig[illegible] of Prof.

Rosch, a new Prof. to be appointed

[illegible] the Opening of the next term

of the School.

Should [illegible] wish to

be considered in the Committee

please write me by first opportunity

& mark seal for the committee

[illegible] [illegible] in you may

think advisable.

Yours very truly

CHAS. A. SMITH,
CONSULTING ENGINEER,
ROOM NO. 11,
Washington University.

St. Louis, 13th August 1881

Prof. Wm. B. Rogers.
Newport R. I.

My Dear Sir

Your letter and that of Mr. Philbrick have just returned from Texas whither they followed me, which must account for my seeming neglect. and I trust you have been put to no inconvenience thereby

It seems that all things considered I must decline the honor you would do me, as I could not be at liberty till the time I have mentioned

With many thanks for your kindness I remain

Very Respy

Chas. A. Smith

CHAS. A. SMITH,
Consulting Engineer,
Room No. 11,
Washington University.

St Louis, 13th August 1881

Rev. W. G. Eggen.
Newport R.I.

My dear Sir

Your letter and that of Mr. Guilbert have just returned from Texas which they followed me, which must account for my seeming neglect. and I trust you have been put to no inconvenience thereby

It seems that all things considered I must decline the honor you would do me, as I could not be at liberty till the time I have mentioned with many thanks for your courtesy I remain

Very Truly Yours
Chas. A. Smith

Rev. W. G. Eggen
Newport
Aug. 13
Answ.

To R. A. Brock

I have received your letter of the 11th inst. informing me of my election as an honorary member of the Hist. Soc. of Va. In reply let me assure you that I have my first pleasure in accepting the flattering mark of the consideration of the Soc., inspired as I know it must have been by a feeling of personal regard, rather than any thought of my fitness for useful co-operation. At least it was my purpose to be numbered among its earliest friends as your letter seems to mention, & it has been out of my power to assist in its active work, but can I now hope to do so. But I wish you to believe that I shall continue to feel a ~~lively~~ warm interest in the patriotic objects for which it was established, and to be assured that whatever contributes to the historic illustration or the social & material welfare of the Old Dominion will always be remembered by me with the heartiest sympathy.

Wm B. Rogers

Aug 13. 1881.