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## REPORT

OF THE

## DIRECTORS OF THE ANDROSCOGGIN RAIL ROAD COMPANY,

SUBMITTED TO THE STOCK-HOLDERS AT THEIR ANNUAL MEETING, DEC. 2, 1850.

## To the Stockholders of the Androscoggin Rail Road:

The Directors Respectfully Report-At the time of your last Annual Meeting, that portion of your road between the junction at Leeds and Livermore Falls, a distance of twenty miles, had already been located and put under contract upon such terms as were in the main deemed satisfactory. Since that period the work of Grading has progressed without interruption. The whole work, as estimated, to be performed on this portion of the road, at the prices contracted to be paid, amounted to $\$ 49,75000$. Of this amount, orders have been drawn for work already completed, exclusive of what was done in the month of November, which has not as yet been estimated, for $\$ 27,033$ 27. Of this amount Messrs. Myers \& Sherrill have been allowed $\$ 18,959$ 20. Messrs. Cushman \& Currier, $\$ 7,394$ 75, and Messrs. Boothby \& Ridley, $\$ 679,32$, making in all as before stated, $\$ 27,03327$. The amount of labor performed during the past month, and not yet estimated, will not fall short, it is supposed, of $\$ 2,00000$; leaving an amount yet to be performed to complete the grading of this portion of the Road of about $\$ 20$, 00000 upon the basis of the original estimates. Owing however

## DILEECIORS' REPORT.

to some changes in the location of the lineupon Sections 11, 17 and 18, a saving has been effected of some $\mathbf{2 8 , 7 4 5}$ yards of earth excavation, which at the prices paid, amounts to $\$ 3,81175$; thus reducing the actual amount of labor yet to be performed to within a fraction of $\$ 17,000$. This amount includes the expense for constructing the bridge over Dead River, which has not as yet been commenced, but which will be completed in season to prevent any delay in the laying of the track. The grading of the first ten sections is entirely finished, and mainly that upon sections 12,15 and 16. The grading and masonry upon all the remaining sections can be completed in a very short period. It has not been deemed advisable, however, to urge the contractors beyond their convenience, inasmuch as the laying of the track cannot be commenced before the opening of the spring.
At a meeting of the Stockholders, holden at Haines' Comer, on the 16th of May last, the Directors were authorized and instructed to issue bonds not exceeding one hundred thousand dollars, for the purpose of securing the iron and superstructure of the road. Negotiations were immediately commenced with iron dealers in various places, and resulted in closing a contract with Messrs. Wainwright \& Tappan, of Boston, agents of Bailey, Brothers \& Co., of Liverpool, for 1650 tons of iron, to be delivered in Portland, free from all expenses save the duty, for $\$ 32,50$ per ton. This iron is to weigh 49 to 50 lbs ; to the linear yard, and to be of the $H$ pattern, the most approved now in use. This contract was closed on the 8th of Octaber, and the iron will be shipped in the months of March, April and May. Should no accident occur, the first cargo may be looked for during the month of May, and the laying of the track may undoubtedly be commenced as early as the first of June.

By the terms of the contract with Messrs. Wainwright \& Tappan, $\$ 26,81250$, will become due and payable on the arrival of the iron, and about $\$ 13,000$ for the duty, making in all about $\$ 40,000$, which must be provided for during the next six months, either by the sale

## DIRECTORE' REPORT.

 earth excathus reduto within a ase for conas yet been prevent any first ten sec12, 15 and sections can deemed adonvenience, nced before; Corner, on d instructed dollars, for of the road. 1 dealers in vith Messrs. Brothers \& in Portland, This iron e H pattern, losed on the hs of March, argo may be he track may t \& Tappan, 1 of the iron, 0,000 , which $r$ by the sale
of Bonds or from subscriptions to the stock. The latter method is undoubtedly preferable, as it relieves the company from all further responsibility, and the Directors are extremely anxious that the whole amount may be realized from this source. The remaining $\$ 26,81250$, likewise becomes due in September, 1852, and must be met at that time. The Directors presume that the amount necessary to meet these respective sums, may be raised by the sale of the Bonds with Coupons annexed, secured as they will be by a mortgage upon the road-bed and superstructure.

They trust however, that the Stockholders will not permit such a result; but by prompt and effective subscriptions, secure to themselves all the advantages to be derived from a sole and exclusive ownership. Statistical facts, carefully collected, and which will be laid before you at no distant day, prove conclusively that as an investment, the stock of no road offers greater inducements. As yet the financial affairs of the Company are- perfectly untramelled. Not a dollar has been paid by way of bonus or extra interest. The grading of the road will be completed at a price, below all prece-dent,-and running as it does into a rich agricultural country, commanding the entire business and travel of some 40,000 people, free from all competition and ever destined to be so, it must command the early attention of all having funds at their disposal and at all aware of the true position of its affairs. It is hoped that the Stockholders will not suffer themselves to be deprived of real advantages for the want of a little timely exertion.
In the present state of the subscriptions to the Stock of the Company, the Directors have not felt themselves at liberty to put any further portion of the road under contract, although they deem it desirable to do so whenever the amount of subscriptions will warrant it. In anticipation of a speedy consummation of their wishes in this respect, they have ordered a survey of that portion of the road between Livermore Falls and Farmington Centre, and the following abstract of the result of that survey, submitted by the res-

## 6

## DIRECTORS' REPORT.

ident engineer, will show the distance and practicability of the route.
"The distance from Livermore Falls to Jay Bridge is $2 \mathbf{1 - 4}$ miles; from Jay Bridge to Bartlett's Corner $\mathbf{3} \mathbf{1 . 2}$ miles; from Bartlett's Corner to East Wilton 6 miles, and from thence to Farmington Centre 4 3-4 miles, making the whole distance from Livermore Falls to Farmington Centre, $16 \mathbf{1 - 2}$ miles. It is probable that a locating survey would decrease the distance to 15 miles or less. Of this distance, three fourths consists of straight lines. The remainder consists of curves, generally of 5,000 or 10,000 feet radius, but in no case will a shorter radius than 2,000 feet be requisite.

On the present line it is found necessary to adopt an inclination of 50 feet per mile, for the distance of two miles, in ascending the elevated lands dividing the waters of the Androscoggin and Sandy Rivers-but from a careful reconnoissance made since the present line was run, it is not doubted that a locating survey may reduce the inclination to 39.6 per mile.
The remaining grades are 4 miles level, 2 miles from 10 to 20 feet per mile, 4 miles from 20 to 30 feet per mile, and the remainder from 31 to 39.6 per mile."
No estimate has as yet been completed, but enough is known to satisfy the engineer that it can be constructed at a very moderate expense. We have reason to believe that the length of the line, when located, will not exceed fifteen miles between the two points, and that the cost for grading will fall considerably below the average of New England roads.
The accompanying Report of the Treasurer exhibits the resources of the Company, and the amount actually received and paid out by him. An examination of this report shows that the entire resources of the Company up to this period, have been
$\$ 66,08780$.

$$
\text { To wit: from Stock subscriptions, } \$ 51,70000
$$

From Loan from citizens of Portland,
at 6 per ct. payable in two years, $10,00000$.
From temporary loans,
4,387 80.
$\$ 66,08780$.
of the route. ge is 21.4 miles; from ice to Farmfrom Liverobable that a iiles or less. es. The re0 feet radius, requisite. in inclination uscending the $n$ and Sandy e the present may reduce rom 10 to 20 1 the remain-
is known to ery moderate of the line, he two points, w the average
the resources ad paid out by entire resour$\$ 66,08780$.

Of this amount there have been received into the hands of the Treasurer,
\$29,551 06
Leaving an unexpended balance to meet the present liabilities of the Company, and for further expenditures, of
36.53674

Amounting in all as before stated, to $\mathbf{\$ 6 6 , 0 8 7} \mathbf{8 0}$
The cost of constructing that portion of your road now under contract, as nearly as can be calculated, basing the estimates as far as possible upon the actual contracts, will be as follows:


Making in the aggregate,
By the report of the Treasurer it appears that the land damages already settled, amount to only $\$ 1,838$ 35, but this only shows the amount of orders actually paid, but from a statement of the Committee on land damages, recently submitted to the Directors, it appears that obligations have been taken, amounting to $\$ 3,69500$, and which are to be cancelled mainly by an issue of Certificates of Stock, leaving a balance unsettled, estimated at less than $\$ 1,000$. In behalf of the Directors,
alonzo Garcelon, Presideny.
December 2, 1850.


## TREASURER'S REPORT.

## To the Stockholders of the Androscoggin Rail Road:

In compliance with the bye-laws of the Corporation, I herewith submit a statement of the transactions of the Treasury department, during the year ending November 30,1850 , which will exhibit the amount received for assessments on stock and other sources, the liabilities and resources of the Company, and the expenditures of tho different departments, so far as orders have been presented to the Treasury, and including the reserved quarter to contractors, for which ordors have not been drawn.
During the last year, the receipts into the Treasury have been from the following sources, to wit:

From assessments on the Stock of the Company, - 19,871 27
From individuals on temporary loans, $\quad$ 4,387 80
From a loan from citizens of Portland, - - - 5,625 00
829,884 07
29,551 06
Amount of payments during same period, -
The liabilities of the Company are as follows, to wit : 2,11000
Interest on do to Dec. 1, 1850, - - - 4425
On orders presented to the Treasurer, and amount due
for reserved quarter on contracts, for which no orders have been drawn,

8,786 11
810,940 36
The assets of the Company are as follows, to wit:-
Balance due for assessments on stock of the Company, 31,82873 Balance due for aubscription in Portland, - - 4,375 00
Cash on hand.

## TREABURER'S REPORT.

A Schedule shewing the amount expended for the different departments so far as the amount is known, which will include nearly all that has been expended.

Preliminary expenses and before organization,
81,051 00
Expenses in 1849, and after organization, viz:-
For Engineering and Engineering expenses, 1,55000
Paid Directors, Clerk, \&c., - - 67000
Incidental, including Stationery, \&c. 14300
2,363 00
Expenses in 1850,
For Engineering and Engineering expenses, 1,08138
Paid Directors, Treasurer, \&cc., - - 1,216 00 Incidental expenses, including collection, Stationery, \&ce., - $\quad-\quad 74500$

3,042 38


John Gilmore, Trbasuabr.


The elevation of the southern terminus of your road is 264 feet above tide water, and that of the present northern terminus is 345 feet. The lowest intermediate point is 275 feet above tide water.

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& \text { The following is a statement of the grades:- } \\
& \text { Level Road, - } \\
& \hline 1.4 \text { miles. }
\end{aligned}
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The allinement of the road is as follows:
Length of line, curved to a radius of 1200 feet,
0.2 miles.
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\begin{aligned}
& \text { Level Road, } \\
& \text { Grades from } 5 \text { to } 10 \text { feet per mile, } \\
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Your Engineer has furnished me with data for an estimate of the cont of the roed, which is based principally upon contract prices. The tide water. a cheap pile the vicinity d to damage 1 required in maintenance of the road 10 difficulties nnow. d 15 feet on timate of the tprices. The
grading is so far advanced towards completion, as to admit of no doubt as to its final cost. The work is generally light, and the material to be removed, is mostly sand and gravel. The total amount of earth excavation on the 20 miles under contract, is 276,287 cubic yards, averaging but 13,814 yards per mile, and the rock excavation on the whole line, does not exceed 1000 cubic yards. Of this work, there have been 184,000 yards of earth, and 650 yards of rock removed. There is an aggregate of 4,059 cubic yards of musonry, of which, 2795 yards are completed.
There are now 16 miles nearly graded, and this can soon be prepared to receive the track.
A large number of sleepers are contracted for.
All the iron required for the 20 miles of road, is contracted for at the low rate of $\$ 32,50$, per ton, delivered in Portland.
The following is the estimated cost of the line under contract.
For Grading, Bridging, \&c., \&c., . - - $\$ 57,322$
For Track, including side track, and ballasting, 106,700
For Land, Fence, Buildings and General Expenses, 27,460

## Total cost,

\$191,482
Average cost, $\$ 9,575$ per mile.
There has been expended up to the first of January,

$$
42,929
$$

Which being deducted, leaves \$148,553 as the amount of expenditure yet to be made to complete the 20 miles of road now under contract.
The above estimate includes every item of expense necessary to complete the road, and put it in operation, except machinery. This is not included, from the fact that it is believed an arrangement may be made with the Androscoggin and Kennebec Rail Road Company, for operating your road, which will prove mutually beneficiai. Should it however, be necessary to operate your own road, the total cost, with machinery to commence business with, will not probably exceed $\$ 215,000$, or $\mathbf{1 0 , 7 5 0}$ per mile.

This estimate embraces a liberal ellowance for buildings, contingencies, \&cc., and the final cost of the road is more likely to fall below, than to exceed this sum.
From Livermore, the present terminus of your road, a line of survey has been extended through Wilton, to Farmington Village, which is the shire town of Franklin County. The distance to this point is about $161-2$ miles, giving $361-2$ miles as the total length of road to be built to reach this place, and making the total distance from Portland to Farmington by railway, 81 miles.
This line in crossing from the valley of the Androscoggin to that of Sandy River, passes through a section of country of a more irregular surface, requiring heavier grades and heavier work, than are necessary for the portion of the road now located. The soil is less favorable and there are more indications of rock.
A more thorough examination of the country, it is believed, will enable you to reach the valley of Sandy River with grades, curvatures and cost, not materially greater than for that portion of the road now in progress.

## BUSINESS PROSPECTS OF THE ROAD.

Having presented the general features of the road, and its estimated cost, the questions as to the amount of business that may be anticipated, and the revenue to be derived therefrom, remain yet to be considered.
There is a highly cultivated and fertile section of this State, which no projected railway communication has yet reached. This section embraces the county of Franklin, the south-west portion of Somereet, and a few of the northern towns of the county of Oxford.
This district of country is watered by several of the largest rivers of Maine, whose valleys open up and combine in one body an extent of fertile country, probably equal to nearly all the other streams within the State.

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and its esti$s$ that may be remain yet to of this State, ached. This est portion of the county of largest rivers body an exother streams

The Androscoggin river which has a volume of water nearly equal to any river in New England, and the Kennebec, the next in size, have their sources in the northern portion of the counties of Franklin and Oxford, and both flowing southerly, following a circuitous course, the former bearing westerly and the latter easterly, till the greatest distance between them is 75 miles; thence they converge and finally unite at the point where their waters empty into the ocean.
These rivers from their extreme sources to their junction, traverse a distance of about 200 miles each, and receive the drainage of a district of country equal to about 10,000 square miles. By reference to the map of Maine, it will be observed that the waters of these rivers, enclose a territory of an extent nearly equal to the whole State of Massachusetts.
This may be regarded as the most fertile portion of the State, possessing great resources and a large and enterprising population.
Numerous and valuable tributary streams traverse the country embraced by these rivers, which annually add to the fertility and native richness of the intervales, and furnish almost an endless amount of water power. Among the larger and more important of these streams are Dead river, Sandy river, and Twelve Mile stream, as it is called. These streams have their sources in the elevated section of country in the interior, and running southerly and easterly through Franklin and Somerset counties, empty into the Kennebec river.
The section of country drained by the latter two streams, is in a high state of cultivation and not surpassed in fertility by any portion of New England. In fact, the district known as the Sandy river country, is proverbial for the richness of its soil, its wealth and resources. The country traversed by Dead river, does not, perhaps, fall below the others in fertility, but is less advanced in cultivation.
The system of railways projected, and so far as at present carried out in this State, is calculated only partially to accommodate and
develop the trade of that portion of the State included between the Androscoggin and Kennebec rivers.

The southerm portion of it, which is of a wedge ahape, is traversed by the Kennebec and Portland road.

Further in the interior, the Androscoggin and Kennebec road, leaving the Montreal road near the former stream, crosses this district of country in an easterly and westerly direction.
The Portland and Montreal road has a north-westerly direction, and skirts along the western border of the section of country referred to. From this hasty sketch of this portion of the State, it will appear that the roads thus far built, run eastwardly and nearly parallel with the coast, and westerly in the direction of the upper St. Lawrence, while the great extent of country above described, remains as yet without the facilities of communication and market.

Railways running easterly and westerly, can never fully meet the requirements, and develop the resources of this section of the State. The trade of this district, like its rivers and its roads, tends southerly to the ocean.
Its geographical position with refnrence to the chief commercial city of the State, its topography and business relations require that a road having for its object the accommodation of the trade of this important section of the State, should occupy a northerly and southerly position coincident with the general course proposed for your road.
With a view to exhibit more clearly the situation and extent of the country which is to contribute to the business of your road, and the relative position of the main lines of road in connection with yours, I have prepared a map of this part of the State, upon which these lines are delineated and to which I beg leave to refer.
Portand being the chief commercial city of the State, is, of course, the best market, and from her natural advantages alone, ahe could always maintain this ascendancy. But for her present prosperity she is chiefly indebted to her great lines of railways, which
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f commercial is require that trade of this rly and southrosed for your
and extent of your road, and nnection with e, upon which refer. State, is, of gee alone, she : present prosilways, which
we may be allowed to say, are but just begun, and yet have added largely to her business, wealth and population. With these great lines completed, and all converging to Portland as a center, her progress will be vastly accelerated, and the time is not far distant when she will rival Boston as a market.

A line of railway therefore, which is to connect the richest agricultural portion of the State, with its commercial capital by the shortest and most direct route, it appears if economically built, must prove remunerative as an investment and add largely to the wealth and $\Gamma$ osperity of the community in which it is located.

It will be perceived by reference to the annexed map, that the Portland and Montreal road has a general Northerly course to a point 27 miles from Portland where it bends Westerly. It is at this point that the Androscoggin and Kennebec road diverges from the former and bears Northeast, crossing the Androsooggin River at Lewiston, it passes through the north easterly corner of Leeds, where an unusually feasible and direct route offers itself for a road which may penetrate the interior in a northerly direction. The deviation of the two roads, forming the line to this point, from a general northerly course, is so slight as to form no material objection, even though the original object had been to reach the south easterly comar of the County of Franklin, by the most direct route from Portland.

Starting with this advantage, your road follows up the Androscoggin valley to a point which effectually secures to it, the trade of a number of towns on each side of the river above, which are too remote from the Montreal road, or the Buckfield Branch to be es: sentially accommodated by it.

While it accomplishes this desirable object, it also approaches sufficiently near to that rich and fertile section of country lying to the north of the Androscoggin valley, to secure a large and valuable portion of its trade. This result is obtained by the construction of only 20 miles of road at the low average cost of $\$ 9,575$ per mile.

By the extension of your road, you would of course bring a larger extent of country within its influence, and add largely to your trade.
With a proper location for this extension, there appears to be no doubt that the whole of the valuable trade of the upper Kennebec, and the adjacent country is within your reach. With a full knowledge of the extent and value of this trade and the superior facilities for the construction of a road, which shall penetrate to the very heart of this rich district, no one can doubt the importance of your work, or the value of its stock as an investment.
The prospective advantages resulting from the probable extension of settlements and inprovenents up the Kenuebec valley, and of its becoming at an early day a still more important thoroughfare, should also be borne in mind.
The Kennebec and its tributaries drain a section of country equal in extent to two thirds of the State of Massachusetts, and the natural channel or outlet for the trade of this extensive district, is through the valley of this river, to the nearest line of railway which shall connect it by the most direct route, with the chief market of the State.

That your road with its present terminus will draw largely on this trade, and that its position is such, that its future extension will control and receive the whole of this trade, if its manifest advantages are early improved, does not admit of a doubt.
A reference to the map accompanying this report, will more plainly illustrate the question, than any thing that can be written on the subject, and shows most conclusively, the advantages of your road as a channel of communication through which this trade may reach Portland, and if desirable, Boston or any portion of New England.
The following tabular statement shows the population, valuation and productions, according to the last census of the towns which will contribute to the trade of your road.
ing a larger your trade． ars to be no Kennebec， full knowl－ ior facilities to the very nce of your sle extension $y$ ，and of its horoughfare， ountry equal and the nat－ ve district，is tilway which ef market of
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## ENGINEFR'G RFPORT.

From the preceding tabular statement, it appears that the towns whose trade will pass over your road, contain over 36,000 inhabiitants.

This population will rely solely on your road as the most natural and economical channel through which they will receive their supplies, and forward their productions to market. There is also a large population in the city of Portland and the intermediate country, amounting probably to 45,000 inhabitants, who will also contribute more or less to its business.

There is a large amount of travel at the present time to and from this section of country. There are lines of stages running southerly from Phillips, New Portland, Anson, Farmington, Wilton and Dixfield.

Probably the annual travel in private conveyances is equal to that in the stages. With the more rapid and direct communication afforded by your road, these lines will be concentrated upon it and new lines extended farther into the interior in different directions, which will draw to it a large amount of travel.

The freight business of your road, will compare favorably with that of other roads in this State, now in operation. It extends into one of the richest and most fertile agricultural districts in the State, and although it is at present in a high state of cultivation, the opening of a cheap and expeditious communication will more fully develop its resources. Manufactures and various branches of industry will receive an impetus, and new sources of wealth and trade will be opened.
The roads with which yours is connected, carry a large number of cattle and other animals to market. This will constitute an important branch of your freight business.
It is estimated by competent judges that there are annually driven or slaughtered and transported to market from Franklin County, $\mathbf{9 , 0 0 0}$ eattle and 25,000 sheep and swine. That the value of articles anuually manufactured in this county, is three hundred thousand
dollars, ported a 0,000 there w and frol

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vorably with extends into ricts in the f cultivation, n will more branches of wealth and arge number titute an imnually driven Jounty, 9,000 f articles aned thousand
dollars, and that the estimated amount of merchandise trans. ported at the present time to and from tide water, is upwards of $\mathbf{9 , 0 0 0}$ tons. From other towns in Oxford and Kenneboc counties, there will be a large amount of freight, which will find its way to and from market over your road.

To and from the town of Wayne alone there are several thousand tons of freight now transported annually. A large portion of this is for the Wayne scythe manufactory, which is probably the most extensive establishment of the kind in the United States. This business will probably mostly pass over your road.
In the town of Leeds, there is found a very superior quality of granite, large quantities of which have been transported by teams to the junction of your road with the Androscoggin and Kennebec road, and thence by the latter to Lewiston, where it is used in the erection of the large manufacturing buildinge now in progrees at that place. As soon as your road is in operation, this granite when forwarded to market, will all pass over it , wherever its destination may be, and will form an important item of trade.
Some descriptions of grain, potatoes and hay, will be forwarded to market on your road, and in return, flour, salt, lime, fish and other articles of merchandise will reach the consumen through the same channel.
Among other items of trade, may be noticed those of fire wood, ship timber and lumber. These articles are often transported great distances on rail roads, and fire wood is now carried a distance of over 70 miles over railways, to the city of Portland. The great abundance of these articles in the towns tributary to your road, and the superior facilities which you can offer for cheap transportation, will ensure a large amount of this description of freight.
An immense quantity of lumber in logs, annually goes down the Androscoggin River. This manner of transporting lumber to market is attended with great losses and a considerable deterioration in value. In addition to this, there is great embarrassment and loss
surtained from the time consumed in transporting the timber to market. Two years are unually consumed before returns are made for lumber forwarded to market by the river and sometimes a greater length of time elapses before the money is realized for it. With railway communication, lumber will be manufactured in the interior and forwarded expeditiounly to market, in the best condition, thus not only avoiding losses, but enhancing the value materially above the ordinary mode of transportation, and renlizing this increased value immediately.

The total amount of freight, estimated for all the towns embraced in the tabular statement, as deduced from census returns and other reliable sources, is 14,000 tons. In estimating the revenue to be derived from the business of your road, it would perhape be more satisfactory, and safe to compare it with a corresponding length of road under similar circumstances.

That portion of the Portland and Montreal Rail Road extending from the Danvillo junction to Paris station, its present terminus, is the same length as your road.

The character of the country through which it passes, is similar, yet not in that advanced state of cultivation. The country beyond its terminus embraced in a circuit of 20 miles, is generally far below, in point of fertility and cultivation, that of Franklin county which is to become one of the principal sources of trade for your road. If we extend our comparison of the country contributing to the trade of the Montreal road, so far as to include the Androscoggin valley above Bethel, and the Connecticut valley above Lancaster, we should embrace a larger extent of fertile cultivated country than is at present drawn to the support of your road, yet the population is about the same, and the distance to be travelled by this population to reach that road, is more than doubie that to be travelled by the same number of inhabitants to reach your road. With the present terminus of the Montreal road, there is a large amount of trade and travel from this population which is beyond its influence, and which now passes down the Connecticut valley, but will soon be secured to that road by its extension.

We have made these observations with a view to show that although the Montreal road is at present doing a very large business, yet when it shall have been extended further into the interior there will be a vast increase in its local trade from the population which now contributes indirectly to its support, and also to show that if we
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Our al
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er to markmade for a greater it. With the interior lition, thus ially above increased embraced and other enue to be ps be more length of extending erminus, is is similar, try beyond ally far belin county e for your ributing to Androscog. ve Lancased country $t$ the popued by this to be travad. With rge amount Id its influ$y$, but will
ow that alre business, terior there ction which $\sigma$ that if we
take the trade of the upper division of that rond, and the popula-
take the which makes up upper divimio the basis of in eatimate pop nue from nearly the same population, but under vather more favorable circumstances on your rond, that it would appear entirely safe. Our allusion to the above mentioned road, is simply with refe: ence to the local or way trade for the upper division, which in many respects resembles yours, but it is proper to remork that when that road shall have been completed, and its connections formed, there will scarcely be a rond in the Union, which will exceed it in the mygnitude of its results. Comparing the present business on the upper division of that road with the number of inhabitanta, we tind that the passengers cariied, reduced to through passengers, are more than equal to the population. That the freight transported is equal to half a ton to each inhabitant. This is the most unfavomble view of the case, from the fact that the whole population is embraced, while the road with its present terminus does not secure all the business from this population, which its extension is sure to accomplish. Your road probably can never have a successfully competing line, if continued on a judicious location, and therefore the whole trade of its population can be relied on.

I know of no reason why the same proportion of business to population, should not be expected on your road. The character and productions of the country, and the number and pursuits of the inhabitants, are nearly the same. This proportion would give not less than 30,000 through passengers and over 18,000 tons of freight for your road annually. In order however, not to over estimate the business of your road, we will place the number of passengers at 20,000 and the freight at 12,000 tons annually, which is very considerably below the actual business on the upper division of the Portland and Montreal road from a less population.

With this data, the revenue of your road will be nearly as fol-

| lows:- |
| :--- |
| 20,000 passengers at 60 cents, |
| 12,000 Tons freight at $\$ 1,25$ per ton, |
| Mail, |
| Total, |
| Deduct for expenses, 45 per cent., |
| Net Revenue, |

which is over 7 per cent on $\$ 220,000$, the cost of the road, fully equipped.

I hive deducted 45 per cent of the gross receipts for expenses, which is a larger per centage than is required on the Portland and Montreal Road, and others in this vicinity.

On the latter, the expenses for the year 1850, amounted to 41 per cent of the receipts, and on the Portland, Saco and Portsmouth Road, for several years past, the expenses have ranged from 36 to 40 per cent of the receipts. It is believed therefore, that the expenses of operating your road, if judiciously managed, will not exceed the sum named.

Relative to the amount of business which is estimated to pelss over it, I may remark that it is possible that it may not reach the amount for the first year or two, but there can be little doubt of its finally exceeding the preceding estimate.

The exceedingly low cost of your road, and its favorable position, are considerations which entitle it to much confidence, and appear to leave no room to doubt its success.

The business of the section of the State which it is designed to accommodate, will doubless soon require its extension. Certuin it is, that there is no natural obstacle of a serious character, in the way of such extension, but on the contrary, the shape of the ground and the course of the streams, greatly facilitate the undertaking. This may be accomplished at about the same cost per mile as that m:tion now in progress, and if judiciowly located, will place your somi in a position to command the whole trade of the Upper Kennebec and its tributaries.
On careful consideration of the subject, with the lnowledge and experience I have in such matters, I am entirely satisfied that your roed, if built and extended as proposed, will not only be a good paying road to the stockholders, but next to the Atlantic and St. Lawrence rod, it is the enterprize which ought to command the attention and patronage of the business men and capitalists of Portland.

I have the honor to be
Gentlemen,
Your obedient servant,
A. C. MORTON, C'onoulling Engineer.
nounted to 41 $d$ Portsmouth d from 36 to that the ex d, will not ex-
nated to peiss not reach the e doubt of its
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