By PHILO WHITE.

SALISBURY, N. C TUESDAY, OCTOBER 16, 1827.

any of State

TXANS.

The terms of the Western Carolinian are, 33 or \$2 50, if paid in advance....but advance will be required from all at in advance will be required not not there at a distance, who are unknown to Biter, unless some responsible person of paintance guarantees the payment. separe discontinued, (except at the option Editor) until all arrearinges are paid. emissements will be inserted at fifty cents

are for the first insertion, and twenty-five r each subsequent one. iters addressed to the Editor, must

mst-paid, or they may not be attended to.

INTERNAL IMPROVEMENT.

TROM THE MALLION REGISTER. CARLTON_No. II.

We have been accustomed to consider Canals as the chespest means of communication and conveyance through the interior of a country. At present an opinion is pretty well established by experience in Great Britain and our own country, where trial has been made in the greatest extent and perfection, that the Rail-road is on many accounts superior, and ought to be preferred. The evidence now within our power is fortumately so full and conclusive, that to have our doubts removed, we need only to examine it for ourselves. After the failures and disappointments which North Caroling has suffered in her past efforts, we shall at least have learned the valuable lesson, to inquire faithfully and arrive at a full knowledge, before an application of the public funds. By a small expenditure preperly directed in the employment of an Engineer, such as may be easily had in the United States before commencing a public work, every thing relating to it may be estimated and fully ascertained to the satisfaction of all. This is the mode of doing such business, now practised in other states and other parts of the world, where works of this kind ere carried on. Such men as judge Wright, James Geddes, and many others who have been long proved to possess practical skill and integrity in their profession as Civil Engineers, are at any time attainable upon proper inquiry, and a reasonable compensation for their services. Nor should a single step be taken in commencing any work, until it is completely determined what are the terms, what are the means, and what are the advantages. We have had enough of ipitation, of unqualified undertakers, of schemes heedlessly commenced and then deserted in a half finished state, and altogether enough of wasted supplies. This unfortunate mode of prosecuting minds, if they be not already satisfied, ever witnessed in other countries, and will be more fully presented hereafter. there is not the least necessity for it here.

than eight or ten thousand dollars, while strrams of water. parison with locks.

every other article of this enumeration satisfaction of every man who would in-It has been common to vemark, and it has been until lately received as a maxim, that conveyance by water must slways be less expensive than conveyance by land. roads and carriages. it is no longer correct in comparison of Railroads and Canals. Let it be considered that by firmried upon them without damage to the that run upon them, there comes to be

2. It is proved by experience that the case in long levels, unless the Canal follows : The western part of Montgom . 2. It is proved by experience that upon an average of one mile with anoth-er, a Railcoad is less costly in its con-struction than a Canal. It is found in struction than a Canal. It is found in gation is admitted as little as possible. England, and there is reason to believe, that it will apply no less in this country, that the expense of making a Canal is two or three times that of a Railroad, two or three times that of a Railroad, the is example. The excavation, or removal of earth or tain seasons, along their banks and in the fork between that River and the rocks for the former is much greater their vicinity. This effect may be ex. Uwharle, and in the Southern part of the than for the latter. The iron necessary perienced even in northern latitudes, but county on Clarke's Creek. is far less costly than we are apt to sup- it is especially to be dreaded and deprepose, as will appear when something fur- cated in a southern climate like ours. part of Anson County, like the Western ther shall be said epon the materials of No such consequence threatens the in public works, and the expense attending habitant or the traveller upon a Railroad. them. And let it be considered that a It is a primary object in pursuing the line the banks of the streams, a thin soil. lock cannot be properly completed of of such a structure to shun as much as substantial and durable materials for tess possible the intersection of marshes and

snother by inclined planes or otherwise on the peculiar nature of our southern Pedee from about a mile and a half bein comparison with Canals. All our

many tons can be transported in the same tains near the western extremity of the the Sandstone is better in this county time, and by the same force, upon a Rail. state, and have their channels considered than in any other part of the State. The road as upon a Canal. On this as well as generally, nearly parallel one to another. low grounds, as is always the case where Hence the land between these rivers, lies this rock exists, are extensive, but subof advantages in favor of the Railroad. in ridges, from the western extremities ject to be injured by excess of moisture evidence will hereafter be given to the of the state towards the ocean. These when the season is wet. East of the ridges often form long levels, without Sandstone, there is a small wedge of Ar much interruption by streams or vallies. gillite on the North, opposite to the Grasmost important and interesting subject. It is upon such ridges, that it is well sy Islands, and a more extensive tract on publication be made in the Western Carolinian known some of our best roads are formed the South Beyond these we meet. A Ratir and laid off by a shifful and prac where the and bas not drifted in and tical Engineer with reference to this where it has been removed, with the most A Retroad hist off by a shliful and prac-tical Engineer with reference to this form of our country, wouldy in all proba-bility, have greater advantages for so long bility, have greater advantages for so long Carolina. It contains a large proportion tion now attained in the construction of a line as 250 or 300 miles, than pature of Felspar, and on this account is not a cree of condemnation of the stached effects. has bestowed on most other parts of the good building stone, decaying too rapidly world. Were a Canat attempted from when exposed to the weather; but for the same distance in the interior, the long the same reason that it is unsuitable for summers of our southern latitude, drying building, it decomposes into a fertile soil. roads, burden to any amount may be car up all our smaller streams, and rendering furnishing good water, and easy and very precarious, supplies of water even pleasant to cultivate. Besides its fertile the plaintiff by counsel, ordered that publicafrom the larger tributaries, would make soil. Anson appears to possess few miner- tion be made in the Western Carolinian for six the iron rails, and the smoothness and it necessary for such a Canal, that it al treasures Gold has been found in weeks, that unless the defendant appear at the perfection of make in the iron wheels might be fed with certainty, to confine its considerable quantities in the Argillite. course to the margin of some main river. The old Red Sandstone furnishes Free-Thus it would be perpetually intersecting stone for building and grindstones-the riage, than from the water of the Canal the deep ravines which occur at small dis Granite, millstones. A few pieces of to the boat that passes through it. From tances along the banks of a principal Iron ore were picked up three or four of condemnation of the attached effects. these two circumstances together, it river. The consequences must be, nu- miles from Wadesboro', on the Camden must result, that the same horse power merous and large embankments, deep road.

(Carolinian.

The Northern, Western and Southern part of Montgomery, has Argillite for its subjacent rock, and with the exception of though superior to that of the same formation in Montgomery Brown Creek runs its whole course in a formation of the means of passing from one level to 6. Another circumstance suggested by old Red Sandstone, which underlies the mouth of Little River, and furnishes a

VOL. VIII. NO. 384.

Rowan county, August Sessions, 1827 : COWAN & MENEELY ve, John A. Chaffin Original attachment, levied, &c. It appear-ing to the satisfaction of the court; that the destant is not an infahirant of this state in \$70 motion of the plaintiff by counsil, ordered that publication he made in the Western Carolinian for six weeks, that unless the defendant appear county of Rowan, at the court house in Sala-bury, on the third Monday of November next. and replevy or plead to said suit, judgment will be entered for the plaintiff's demand, and a decree of condemnation of the attached effects. JOHN GILES, c. c. 6.67

Kowan county, August Sessions, 1827 /

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HOMAS ALLISON se. John A. Chaffin : . Original attachment, levied, &c. It appearing to the satisfaction of the court, that the de-fendant is not an inhabitant of this state : On motion of the plaintiff by counsel, ordered that publication be made in the Western Caroliniun for six wreks, that unless the defendant appear at the next county court, to be held for the a Railroad are easily provided, in com- country, gives an advantage to Railroads low the mouth of Rocky River to the county of Rowan, at the court-house in Salisbury, on the third Monday of November next, and 3. At least as large a burden, or as principal rivers originate in the moun- large body of good laud. The upland of replevy or plead to said suit, judgment will be of condemnation of the attached effects.

JOHN GILES, c. c.

Rowan county, August Sessions, 1827 / WILLIAM BROCK w. John A. Chaffic -Original attachment, levierl, &c. It appearing to the satisfaction of the court, that the defendant is not an inhabitant of this state : On motion of the plaintiff by counsel, ordered that

Resear county, August Sessions, 1827 : HENRY ELLIS vs. John A. Chaffin - Origin-al attachment, levied. &c. It appearing to the antisfaction of the court, that the defendant is not an inhabitant of this state : On motion of of Rowan, at the court-house in Salisbury, on the third Monday of November next, and replevy or plead to said suit, judgment will be entered for the plaintiff's demand, and a decrea

JOHN GILES, e. c.

Ryman county, Jugust Sections, 1847. must result, that the same norse power will be able to carry even more upon a Railroad, than upon a Canal. It is en-treated of the reader not to imagine that this is romancing, or that it is said to answer a purpose. The correct compar-licen of edvantages, general licen of edvantages between these methods. It is entitle to the top of edvantages between these methods. It is entitle to the top of edvantages between these methods. It is entitle to carry even more upon a cuttings, bridges or aqueducts, rocky excavations, locks and culverts, all of excavations, locks and culverts, all of ered by beds of clay and sand. The good and is on the Pedee, and near the mouths of the Crecks that fall into it. The same Railroad along extensive ridges, general is on of edvantages between these methods. tion, must be attended with signal ad occuring in Anson. On the old Red made in the Western Carolinian for six weeks vantages in escaping most of these em Sand stone of its northern border, there that unless the defendant appear at the next are also some good plantations, and others County Court, to be held for the County of Rowan, at the court house in Salisbury, on the third Monday of November next, and replevy or plead to said suit, judgment will be entered for the plaintiff's deniand, and a decree of condetti-

In the remarks now to be made, the object is to show in what respects Railpoads are preferable to Canals.

1. It is obvious that in determining the course of a canal we must be continually hampered by the necessity of carrying it for crossing them, to prevent the comwhere there will be at all times a sure munication between one part of a farm or and sufficient supply of water. This oc- neighbourhood from being cut off from casions the meandering of cansis along another. This brings on a multitude of the banks of rivers, and leading them to contracts between the public and the intersect streams at proper places, so owners of lands along the line of a Canal, that their length is extended far more for making and keeping up bridges than would be necessary, could this cir- through all future time. And if there be cumstance so essential to them, be wholly any road crossing the site of the Canal, set sside. It is not possible to give any a bridge must be maintained at the pub general rule for determining the propor- lic expense forever, that the highways tion of the whole line of a canal neces- may not be interrupted. This expense sarily lost with a view to securing the of bridges must continue to be levied in proper quantity of water. It must differ perpetuity by tolls upon the Canal, and according to the circumstances of every through all time act as a burden upon the case. Perhaps, however, it would not be transportation of goods. In regard to of much extent, that at least one fourth, ly vanish. Men and horses can cross if not one third, is likely to be added by them any where without injury, and all this single object. It was estimated by that is necessary for the crossing of the United States Engineers, that a Canal wheels is a piece of timber let into the from Pittsburgh in Pennsylvania, to pass ground along the side of the iron rail by Washington to Baltimore, must be and high enough to prevent the wheels three bundred and ninety miles in length. in passing over it from touching the rail By the same report, a Railroad from before it descends upon some little stone Baltimore to the Ohio, need, not be more than two hundred and fifty miles. In this instance the Railway is only fiveeighths of the Canal in length. In this a railway. 'I am not aware that the distance of 390 miles by a Canal, one bridges over the great western canal of hundred and forty miles are sayed by resorting to the Railroad. An exactly similar difference will evidently not apply in other examples, but this is one to show what an excess in length, and consequently of expense, is sometimes incurred by miles, the number of bridges is not less a Canal on account of water, beyond what than four hundred. In stating this, it is is necessary to a Railroad. Let us remember too that such a difference has its effects, not only in the first construction and expense of a Canal, but in all travelling and transportation upon it, and and attendant expenses of Canals, must in the maintenance of it in repair through always be greater than are requisite for all future time." It ought not to be omit- a Railway. ted also, that when the repairing of a Canal becomes necessary, it is far more difficult, expensive, and interrupting to business, than that of a Railroad.

· See " Proceedings of sundry Cittens of Baltimore, convened," &co

ison of advantages between these methods of transportation for produce and mer chandize, and the evidence to satisfy our

The expense consequent upon Canals, and forever sitending them, in repairing and keeping them in good condition, and in the erection and maintenance of bridges over them, is greater than any such expense necessary to Railroads. When a Canal is made through a country, means must be provided at convenient distances

pavement laid down upon the other side. In this manner provision is made for any road on which waggons or carriages cross New York have ever been numbered, but after having passed with personal observation from one end of that Canal to the other, it is conjectured that in the whole distance of three hundred and sixty three thought likely to fall short of the reality. rather than to exceed it. In these circumstances convincing evidence must appear, that the maintenance, and repairs,

5. It is much to be apprehended that Canals may render unhealthy the parts of the country along their route. The motion of water in a Canal, if there be proach stagnation. This is especially remarks on the Geology of the State as more flidden or more reveated, than God.

barrassing obstructions.

people, under the direction of an Engi cock Creek. neer, as well as by any that could be A number of observations have been

cessary. The consequence must be that ferred. the latter is the cheaper of the two in the end, and it requires fat less funds for its first accomplishment.

reasons Railways are preferable to Canals.

other. 4. The petennial, that is, the marks :

continual expense of maintaining a Canal that which is incident to a Railroad. 5. may be well dreaded as sources of disease. 6. The face of our state, the parallel courses of our rivers, and the continuous ridges between them, are peculiarly favorable to the Railroad. 7. Rollways of wood are scarcely more than half as expensive as those of iron. Their inferior cost, then, compared with that of course among themselves and with other CARLTON. parts of the world. Sept. 8, 1827.

GEOLOGY OF NORTH-CAROLINA. Professor Mitchell closes his present

7. It is now ascertained that Railways doubtless amongst the low grounds of the may be constructed with all the necessa. South eastern part of the county, which ry strength and firmness, out of wood, at the Professor did not visit. Grindstones a cost little more than half of that which are cut from the Sandstone in Buffaloe nation of the attached effects. must be incurred in making them of iron. Creek ; and Millstones from the Granite If this be true in the northern part of our both at Mr. Daniel's quarry on the Rocky country, it must be eminently so in our Fork of Hitchcock and near the Pedee. own state. The lasting and substantial Good red and yellow Ochres are found in pine abounding in our low country, and abundance at what is called the l'aint the no less solid oak of the western part, Bank on the lands of Montgomery In would leave us nothing to desire in com-pactness, durability, and cheapness of places, very large, and in quantities on linian for fix weeks, that unless the defendant materials. The work too, would be of a Gen. Covington's plantation, and Alum sort that could be executed by our own ore is to be found in the bank of Hitch-

found in other countries. It is computed made upon the Geology of the Counties of that the interest of the money which Chatham, Moore, and Orange, and matemust be paid for the iron more than for rials collected for laying down the Geolo the wooden Railway, is more than suffigical divisions with some degree of accient to defray the expense of renewing curacy ; but as these surveys are not yet it, at the time when it shall become ne finished, an account of them will be de-Raleigh Register.

Silk .- The County Court of Johnston (in this state) recently appointed commis-It has appeared then, from the whole sioners to purchase land and to have ereccomparison here made, that for many ted thereon suitable buildings for the reception of the paupers of that county-1. Canals must generally be much Mr. John MacLeod, one of the commislonger than Railways, between the same sioners, presented to the court at August extreme points. 2. A mile. of Railway term a memorial, in which he states that even if it be of iron is less costly than a the paupers " can be profitably employed mile of Canal. 3. As large burdens can in the production of silk." The article be transported with a given power in a is published at length in the Raleigh Regiven time, upon the one as upon the gister, accompanied by the following re-

"We heartily approve of that part of with bridges and repairs is greater than Mr. MacLeod's communication, which Canals, especially in a southern climate, cultivation of silk, and we trust that the of Rowan, at the court-house in Salisbury, on example set by Johnston county will be imitated, as it deserves to be, by other counties. It is well known, that all the necessary labor attending the culture of silk, may be performed by children or superanusted persons. A crop of silk is the work but of forty days, the first twenty of which occasion but little trouble. Canals, must give them greatly the pre- The mulberry tree is easily propagated ference to an economical people con- and possesses the property of enriching templating some method of removing the soil where it is planted. We are their difficulties of commercial inter- pleased to see that Mr. MacLeod is not a mere theorist on the subject, but has reduced to practice that which he recommends."

There is nothing further or nearer,

JOHN GILES, c. c.

Rowan County, Juguet Sections, 1827 : WILLIAM C. BIRD and Mosby w. John A. Chaffin : Original attachment, levied, &c. It appearing to the estisfaction of the court, that the defendant is not an inhabitant of this state : On motion of the Plaintiff by counsel, ordered he County of Rowan, at the court house in Salisbury, on the third Monday of November next, and replevy or plead to said suit, judgment will be entered for the Plantiff's deman and a decree of condemnation of the attached effects.

JOHN GILES, c. c.

Rowan county, August Sessions, 1827

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SAMUEL FROST ve. John A. Chaffin : Original attachment, levied, &c. It appearing to the satisfaction of the court, that the defendant is not an inhabitant of this state : On motion of the Plaintiff by counsel, ordered that publication be made in the Western Carolinan, for six weeks, that unless the defendant appear at the next County Court, to be held for said County of Rowan, at the court house in Salisbury, on the third Monday of November next and replevy or plead to said suit, judgment will be entered for the Plaintiff's demand, and a decree of condemnation of the atlached effects. JOHN GILES, c. c. 6(87

Rowan county, August Newions, 1827 -REUBENC, VOUNG vs. John A. Chaffin: Ori-ginal attachment, levied, &c. It appearing to the satisfaction of the court, that the defendant is not an inhabitant of this state : On motion of the plaintiff by counsel, ordered that publication be made in the Western Carolinian for six weeks, that unless the detendant appear at proposes to employ our paupers in the the next county court, to be held for the county the third Monday of November next, and replevy or plead to said suit, judgment will be entered for the plaintiff's demand, and a decree of condemnation of the attached effects. JOHN GILES, c. c. 6:87

State of North-Carolina. Cabarrys county : ULY sessions, 1837 William Smith as Law-son H. Alexander, Admr. of Will, Parks, dec. Justice's judgment levied on land. It appearing to the satisfaction of the court, that Ezra Parks, one of the heirs at law of the said Will, Parks, dec. is not an inhabitant of this State, ordered, therefore, that publication be made six weeks in the Western Carolinian, notifying said Ezra Parks, that unless he appears at our next court of pleas and quarter sessions to be held for said county, at the court-house in Concord, on the 3d Monday of October next, then and there plead or demur, judgment will be rendered'ex parte as to him, and execution awarded accordingly. 6:85 DANIEL COLEMAN, C. ..