

**Advantages of Good Roads.**

There was an article in the last week's ENTERPRISE, stating the fact, that twenty good road builders, with terms from six months to three years, have been carried to other counties to do work on the roads since the first of January. The writer of this article continued by saying: "it seems reasonable to us to say that if it pays these counties to get all the convicts they can for road work, at the high price of \$20 and all expenses including railroad fare for each man, it might pay us to keep them when it costs us nothing."

There is no doubt about it being the proper and best thing to keep these prisoners and work them on the Martin county roads, and although every one knows there must necessarily be some expense to feed, lodge and guard these prisoners; to buy and keep the mules, carts and other necessary utensils, it would be a profitable investment for the county and would necessitate but a small increase in the taxes per tax payer. To show the advantage to be gained by an increase tax for the purpose of better roads, we will look at the subject from a technical point of view.

First, let's glance at what is called by engineers, resistance to traction. This may be divided as follows: First, axle friction, which is the resistance due to the friction between the axle and hub of wheel. This resistance is due to the weight of vehicle and load upon it, therefore the condition of the road does not affect it. Second, is rolling resistance, which is of two kinds: that due to irregularities in the surface of the road, and that of a wheel to rolling up a smooth surface, sometimes called rolling friction.

Rolling friction is due to the compressibility of the road, which permits the wheel to indent itself into the road surface. The wheel is thus forcing a wave of surface before it, or climbing an inclination caused by its weight upon the loose surface of the road. This rolling friction is the greatest resistance met with in sandy roads like ours.

The resistance due to inequalities of the road surface such as holes, washouts and etc., become an important factor in wet weather. It is equal to the horizontal force at the axle, necessary to raise the weight upon the wheels, vertically through the height of the road surface above bottom of hole. The resistance due to these frictions have been found by many experiments in various parts of the United States, and are supposed to be as follows:

KIND OF ROAD.	RESISTANCE LBS. PER TON CARRIED
Earth—ordinary—sand like ours.	135 to 160
" dry and hard—clay and sand like ours.	60 to 100
Macadam—good.	40 to 60
" ordinary.	60 to 90
" poor.	90 to 140
Granite—block pavement—best.	25 to 50
" " " " ordinary.	50 to 80
Asphalt pavement.	15 to 20

These figures show the advantages of good hard roads as compared to poor ones, but there is one other important factor to be considered, that is, grade resistance.

Grade resistance is equal to the load carried multiplied by the line of the angle made by the grade with the horizontal, which is the same amount of work as if the load was carried along a level road the length of the hill, and then raised vertically up to the hill top. Grade like all other resistances to traffic cannot be annihilated, but as the other, it can be greatly reduced. A few examples will now show the advantage of good roads.

Suppose we load a two horse wagon with a three ton load (6,000 lbs.), and start off over a good clay and sand road. Then the force exerted by the team will be equal to the load carried multiplied by the tractive resistance, which in this case equals 3 x 86 = 240 lbs. (taking 86 as a mean between 60 and 100). That is, a force of 240 lbs. is required as a constant pull to carry 6,000 lbs. over a clay and sand road. Now suppose the road to be ordinary sand. Taking the mean between 135 and 160 as 142 we have 3 x 142 = 426 lbs., steady pull to carry the same load over a bad road, that was carried over the good one by a constant pull of 240 lbs. Again, suppose the load is to be carried over a hill, graded to six feet in each hundred. Then the resistance due to grade of six feet rise in every one hundred horizontal, would be 6,000 x six one hundred equals to 360 lbs. additional pull up hill. Therefore the pull up a 6 per cent grade on a good road equals 3 x 86 plus 6,000 six one hundred equals 240 plus 360 = 600 lbs. constant pull up hill and 3 x 142 plus 6,000 x six one hundred equals 326 plus 360 = 786 lbs. constant pull up hill on bad road. If the grade is changed from 6 per cent to 8 per cent we would have an increase from 600 and 786 to 720 and 906 respectively while a reduction from 6 per cent to 4 per cent would reduce the resistance from 600 and 786 to 470 to 666 respectively.

Thus one can readily see the advantage of good roads in both saving work and allowing an increase load, as well as allowing more rapid transportation. These are the reasons Mecklenburg and other western and central counties have, and is why Martin county should, adopt these good roads. If your time and team are worth any thing why not adopt this improvement which saves both.

JAS. E. MOORE,  
 Raleigh, N. C.

**A Wonderful Saving.**

The largest Methodist Church in Georgia, used 20 gallons of L. & M. mixed with 24 gallons of oil, thus making paint cost about \$1.20 per gallon. They calculated to use 100 gallons of other paint. Saved about \$80.00, and also got a donation of L. & M. Dealers gladly sell L. & M., because their customers call it, and say they used it 12, 14 and even 30 years ago.

Don't pay \$7.50 a gallon for linseed oil, which you do in ready-for-use paint.

Buy oil fresh from the barrel at 50 cents per gallon, and mix it with L. & M. Paint.

It makes paint cost about \$1.20 per gallon. Sold by S. R. Biggs, Williamston, N. C.

**SPECIAL LOW RATES TO WASHINGTON, D. C.** one fare plus 25 cents amount of the AMERICAN BANKERS ASSOCIATION, Oct. 10th to 13th, 1905.

**TICKETS ON SALE OCTOBER 8th and 9th, final return limit October 15th, 1905.**

**AN EXTENSION OF THE FINAL LIMIT** may be secured to October 25th, 1905, by deposit of ticket with the Special Agent, Mr. Joseph Richardson, Washington, D. C. between the hours of 8:00 a. m. and 8:00 p. m., daily except Sunday, or between the hours of 9:00 a. m. and 12 noon, and 3:00 p. m. and 6:00 p. m. on Sundays not earlier than October 8th, not later than October 15th, 1905, and upon payment of fee of 50 cents at time of deposit.

For further information apply to your nearest ticket agent, or communicate with,

W. J. CRAIG,  
 General Passenger Agent,  
 Wilmington, N. C.

**STATE AND GENERAL.**

**Items of Interest From Our Exchanges.**

**At Edgecombe Court.**

Judge Webb sent many to the roads, and in numerous other cases as justice and mercy suggested, suspended judgement on payment of costs. Hon. C. C. Daniels, Solicitor, lived up to his high reputation in the court just passed. It is recognized generally that the fourth District has the most capable Solicitor in North Carolina and one among the most honest and popular.—Rocky Mount Echo

The Department of Commerce and Labor has given out a statement, based upon reports furnished it, to the effect that the latest attempt to grow cotton in West Africa has proven a failure. Attempts to grow cotton will continue to fail everywhere excepting in the Southern States of the United States of America.—Ex.

**Under Which King.**

Apparently hereafter life insurance is to be solicited along political lines, and each company must choose whether to become known as a Republican or democratic concern. Then, when a man changes his politics, he must change insurance companies if he would not be kept under forced contributions to help his former party.—Springfield Republican.

**No Trouble for Good Company to do Business.**

Could Southern capitalists have known all along what a load of graft the big insurance companies were carrying, they would have got into the insurance business sooner than they did. It is no trouble for a clean, honest company to compete with concerns that are neither scrupulous nor economical in their experiments.

It gets worse and worse. The New York Sun of Tuesday, says "it will probably be disclosed" in the course of the investigation that the Equitable and Mutual each contributed the same amount that the New York Life did to the Republican campaign fund last year and, "it may even be ascertained that further sums were given by direction of Edward H. Harriman and that these fell into the hands of Odell." These great insurance companies certainly furnished rich milking for the Republicans in the last campaign.

**Love at First Sight.**

"Love at first sight!" That's what it's called when two strangers meet, one a young man and the other a young lady, and they go straightway and get married to each other before they get out of the notion. Such giddy headed performances are sometimes referred to as "romantic marriages." The girl who will take the solemn vow of matrimony that ties herself for a lifetime to a man she doesn't know anything about has about as much practical sense as the man she marries under such circumstances. Both of them should have guardians appointed as a means of self-protection.—Marshville Home.

**Cotton.**

Several of the papers have printed a statement by Mr. George Howell, a cotton man at Charlotte to the effect that the farmers could sell cotton at 25 cents by judicious marketing of the crop. Fearing that he may be misunderstood, Mr. Howell thus explains his statement in the Charlotte Observer:

"I merely used those figures to express my belief that the farmer is going to secure a good price for the season's crop.

In order that he may reiterate his position, Mr. Howell has requested that the following be published as defining his views on the great cotton situation: "I believe that the crop is short, much more so than the majority of people think. I sincerely hope that when the awakes to a realization of its shortness, it will not result in the wild speculation which will raise values to abnormal figures, a state of affairs injurious to the farmer as well as to the manufacturer. I would like to see a stable price and I feel that the conditions justify at least 12 1/2 cents. However, I believe that we will see higher prices than this before September 1st, 1906.—Ex.

**For Lung Troubles**

Ayer's Cherry Pectoral certainly cures coughs, colds, bronchitis, consumption. And it certainly strengthens weak throats and weak lungs. There can be no mistake about this. You know it is true. And your own doctor will say so.

A good thing about having the children go to Sunday school is that it makes that part of the day so peaceful at home.—Ex.

Croup is quickly relieved, and Whooping Cough will not run its course, if you use the original Bee's Laxative Honey and Tar. This Cough Syrup is different from all others because it acts on the bowels. You cannot cure Croup and Whooping Cough until you rid the system of all congestion, by working off the cold through a copious action of the bowels. Bee's Laxative Honey and Tar does this, and cures all Coughs, Croup, Whooping Cough, etc. No opiates. Sold by S. R. Biggs.

**Long Stride Forward.**

The people of Texas and of the South will have made a long stride forward when they establish their own life insurance companies. The many millions which are annually sent North would be doubly productive of good if invested in the South.—Houston (Tex.) Post.

Backache is never known to those persons who take an occasional dose of Pineules. The value of the resin from the Pine tree has long been recognized in the treatment of diseases of the bladder and kidneys. One dose of Pineules will give relief, and one bottle will cure. Sold by S. R. Biggs.

—Every body is invited to attend the Confederate Veterans Reunion on Wednesday October 11th.

You can apply ManZan inside, right where the pain is. It is put up in collapsible tubes with nozzle attachment for introducing it. ManZan stops pain instantly and cures all kinds of blind, bleeding, itching and protruding piles. Sold by S. R. Biggs.

The cotton spinners of England will some of these days wake up to the fact that they are now the Russians of the cotton situation. They can dictate nothing to the American cotton grower, who knows he is the Jap. Banzai!—Ex.

It is a pleasure to take Dr. Dade's Little Liver Pills and enjoy their tonic effect on the liver. Sold by S. R. Biggs.

M. Witte thinks the press of the United States rather pushed the president ahead than followed his lead in the peace negotiations. M. Witte appreciates the power of the press. He has been a newspaper man himself.

Pinesalve acts like a poultice. Best thing in the world for boils, burns, cracked hands, tetter, etc. Sold by S. R. Biggs.

**Dining With John Adams.**  
 In the year 1818 Henry Bradshaw Pearson, an Englishman, dined with John Adams, second president of the United States, at the Boston home of the fine old statesman, then 84 years old. The Sunday dinner was as follows: "First course, a pudding made of Indian corn, molasses and butter; second, veal, bacon, neck of mutton, potatoes, cabbage, carrots and Indian beans, Madeira wine, of which each drank two glasses. We sat down to dinner at 1 o'clock; at 2 nearly all went a second time to church. For tea we had poundcake, sweet bread and butter and bread made of Indian corn and rye. Tea was brought from the kitchen and handed around by a neat white servant girl." Pearson says further: "The establishment of this political patriarch consists of a house two stories high, containing, I believe, eight rooms, of two men and three maidservants; three horses and a plain carriage."

**Five Religious Leaders.**  
 There are five great religious heads on the face of the globe. They are the pope of the Latin church; the schismatic or orthodox pope of the Greek church; the father of the faithful, ruling at Constantinople; the pope of Tibet, who has 500,000,000 subjects and the schismatic pope of the Mohammedan world, who reigns at Morocco.

**The New York One Price Clothing and Dry Goods STORE**

The only store where you can get the latest styles of up-to-date Wearables for Men Women and Children at Money Saving Prices. It Stand the Reason!



**BECAUSE:** We are the LEADERS.  
**BECAUSE:** We have our own Clothing Factory in New York City and therefore sell our Men's, Boys' and Children's Clothing direct from Manufacturer to Wearer, thereby saving you the Middleman's Profit.  
**BECAUSE:** We have members of our firm living right in New York City and are supplying us at short notice with the latest styles of goods.  
**BECAUSE:** We have One Price to one and all, no exception whatever, all our goods are marked with plain figures. Your child can buy from us as easy as yourself.

We have just received a new line of Ladies Rain Coats and Taylor Made suits.  
 Call and see them.

Get the Habit! Do Your Trading With  
 Yours Respectfully,

**Macht Bros. & Rutenberg**  
 Clothing Factory in New York WILLIAMSTON, N. C. Branch Stores: Hertford, N. C., Mannington, W. Va.

**Notice.**

By virtue of a decree of the Superior Court, of Martin County, in a special proceeding therein pending, entitled Asa Harrison, Davis Harrison, et al, ex parte, I shall offer for sale at public outcry the following described property to wit:

The tract of land commonly known and designated as the James Harrison "Home Place," situate in Bear Grass township, adjoining the lands of Mc. G. Cratt and others, containing by estimation 106 acres.

Also a one fourth (1/4) undivided interest in and to the mill, mill property and land belonging thereto, commonly known as the Fannie Harrison mill, situate in the aforesaid township.

Time of sale, Monday, November 6th, 1905. Place of sale, before Court House door. Terms of sale, Cash. This September 26th, 1905.  
 H. W. STUBBS,  
 Commissioner.

**Notice.**

Having qualified as executor upon the Estate of Silas Andrews, deceased; Notice is hereby given to all persons holding claims against said Estate to present them to the undersigned for pay on or before the 26th day of August 1906 or this notice will be plead in bar of their recovery. All persons indebted to said Estate are requested to make immediate payment.

This 26th day of August 1905.  
 J. S. Peel,  
 Executor.

**Administrator's Notice.**

Having qualified as administrator of Geo. W. Whitaker, deceased, late of Martin county, N. C., this is to notify all persons having claims against the estate of said deceased to exhibit them to the undersigned on or before the first day of September 1906, or this notice will be pleaded in bar of their recovery. All persons indebted to said estate will please make immediate payment.

This 29, Aug., 1905.  
 ARON WHITAKER,  
 Administrator.

**Administrator's Notice.**

Having qualified as administrator of James E. Salsbury, deceased, late of Norfolk, Va., of Martin county, N. C. This is to notify all persons having claims against the estate of said deceased to exhibit them to the undersigned on or before the second day of October 1906 or this notice will be pleaded in bar of their recovery. All persons indebted to said estate will please make immediate payment.

This the 2nd day of October 1905.  
 P. H. SALSBRURY,  
 Administrator, Hassell's, N. C.

**NOTICE.**

TO THE PUBLIC: We will start up our Cotton Gin at Williamston, N. C., Friday Sept. 22nd, 1905. Our ginning days will be on Tuesday and Friday, until cotton comes in more regular. Watch this add and it will keep you posted.

Very Respectfully,  
 Williamston Ginning & Milling Co.

**Noleaka Cement COMPOUND**  
 A Specialty for tin roofing, fully guaranteed  
 Liquid Veneer for cleaning and polishing FURNITURE  
 SATISFACTION GUARANTEED  
**THE SIMPSON HDW. GO.**  
 Williamston, N. C.  
 Sole Agents for Martin County

**NEW FALL GOODS JUST ARRIVED**  
 Don't Fail to Gall and Examine Our Stock  
 Very Respectfully,  
**G. D. Garstarphen & Co.**

**The Farmers and Merchants Bank**  
 WILLIAMSTON, N. C.  
 Capital, \$15,000  
 We respectfully solicit your accounts  
 WE WILL GIVE YOU PROMPT SERVICE

**To Cure a Cold in One Day**  
 Take Laxative Bromo Quinine Tablets.  
 Seven Million boxes sold in past 12 months.  
 This signature, E. W. Brown