

IMPROVING STREETS

HOW A MACADAM ROAD CAN BE CONSTRUCTED.

Though Expensive to Maintain, It Is Much Cheaper in First Cost—Value of Stone Curbs—When Gutters Should Be Laid.

Towns and villages with any regard to slightness and cleanliness in the streets must cover them with some class of pavement, and one of the most in favor is macadam. This pavement, though expensive to maintain, is much the cheaper in first cost, writes T. S. Axholm, civil engineer, in Good Roads Magazine.

There is no doubt that many macadam roads are built more expensively than the traffic to be accommodated warrants. Good looking and expensive macadam roads have frequently been built which have lasted but one year, owing to an imperfect knowledge of the character of the soil and drainage conditions by the engineer in charge. Then, again, surprisingly thin macadam roads have been built with high crowns, deep side ditches and proper culverts and underdrains which have accommodated all the traffic demands and have lasted for years with seasonable repairs. In the business portions of the village at least some sort of stone curb and gutter should be used to make a finish to the roadway, carry storm water and protect the sidewalks. Curbstones should be twenty inches in depth if possible, even if only roughly quarry dressed, as gutters where no sewers exist must of necessity be eight or nine inches in depth, and unless more curbstone is below the gutter than above it the curb will be gradually lifted by frost and forced over by the weight of the sidewalk behind it.

The gutters in too many of our villages and towns are paved with cobbles, a most vicious practice and one often entailing such serious damage to the contiguous pavement that the cost of repairs in one year equals the additional cost of some form of cut blocks. Irregular shaped split stones, with smooth face up and greatest dimension in the depth, make a very good cheap gutter and far superior to cobble pavement, whose extreme roughness forces the water during storms out on to the macadam with disastrous results. Gutters of this description should be four feet in width instead of three feet, which is usual, and should rise from the gutter five inches. The macadam pavement should rise to the center of crown at the rate of one-half an inch per foot (a little more on steep grades), the cross section being the arc of a circle. If the ground is firm and on a good grade, four and a half inches of finished macadam road may be built in the following manner:

Shape subgrade carefully four and one-half inches below crown proportioned as above. Roll until solid with the heaviest roller obtainable, not less than three tons. Cover with five inches of broken stone which will all pass through a one and one-half inch ring and graded in size to three-quarters of an inch. Roll dry until firm and all the stones have settled into place. Cover with one and one-half inches of screenings containing about 25 per cent of the flour and roll dry, afterward sprinkling with water liberally in front of the roller until the surface becomes hard and sets like cement. The road should be allowed to dry out before using and gone over carefully for a few days, placing screenings where the heavier stone has broken through until the whole surface is well bonded.

No gutters should be laid until after the macadam is finished. Curbs should be dropped for sidewalk crossings to two inches above gutter level. No pipes or gutter bridges should be permitted, as they are responsible for one-half the damage to macadam pavement in village streets. If absolutely necessary, owing to height of sidewalk, twelve inch iron pipe set so low that the flow line of water passing through it when the gutter is running full will not be above the level of the outer edge of the gutter is far better than gutter bridges, which are an abomination. Culverts should be constructed across the street where necessary, with openings for street water of sufficient size. The cross section of culverts should be calculated with some degree of accuracy from the tributary watershed and can generally be cheaply and well built of one or more lines of vitrified pipe up to twenty-four inches in diameter. Care should be taken to give not less than six inches fall across street for invert of culvert, and proper masonry head walls should be built at each end. The grade on macadam roads should never be less than six inches in 100 feet, especially where storm water is collected by gutters.

Where subgrade is spongy and ground water is abundant and frequently where cuts in grade are necessary the underdrains must be built as follows: Excavate trenches three feet deep outside of macadam on one or both sides, as may be necessary; lay four inch tile drain, with joints packed with bagging, to true grade, with proper outlet, fill trench carefully with loose stones to a point one foot below surface, lay sods upside down on top of this and fill with earth well rammed.

The above description is of an all stone road, which is recommended in nearly every case, as it will retain its bond longer than those in which some foreign materials, as sand or clay, have been introduced. Where the foundation is not of good character or where travel is very heavy a six inch road is recommended with an extra course of two inch stone at the bottom.

Don't think that enterprise consists of sending your money from your home town.

SENATOR OVERMAN ON DUTIES.

Senator Overman has introduced a bill in the senate authorizing the president to suspend the collection of duties and taxes on goods sold cheaper abroad than at home and is directed against unjust operation of "unlawful combinations or monopolies called trust."

Following is a text of the bill: "Be it enacted by the Senate and the House of Representatives of the United States of America in Congress assembled, whenever the President of the United States shall be satisfied that any company, combination, monopoly or trust is so organized, managed and controlled that the articles, goods, wares and merchandise, manufactured, exported and sold by it or by and through its agents, are sold in a foreign market at a less price than are sold in the home market, he thereby be authorized and directed to suspend, by proclamation to that effect in whole or in part the collection of custom duties or taxes on any articles, goods, wares and merchandise of a like character which may be imported into this country, for such a period of time as to the President shall seem proper."

Discussing this measure Senator Overman said it was a well known fact that a great many things used by farmers were sold much cheaper in the foreign market than they were in the home market, and it was to authorize the President to suspend the collection of duties on these articles to remedy this condition of affairs. He says the president, when buying supplies for the Panama Canal last summer, found he could buy certain kinds of supplies in foreign markets and ship them to Panama for less than he could buy them here, and it is estimated the government could have saved millions by making these purchases abroad. He gives as an illustration that the Harvester Combine charges \$125 for harvesters and binders that it sells in foreign countries for \$90.

IN MEMORIAM.

Annie English Harrington, wife of T C Harrington, died at her home on South Main street, High Point, N C, on Nov 26 1905. The deceased was born Nov 8th 1879, and was married to Mr T C Harrington, of Robeson county. To them was born one child left to comfort the surviving husband. All that was mortal of Annie was laid to rest in the cemetery at Mt Vernon followed by a concourse of friends and loved ones, the funeral services being conducted by Rev B F Hargett, using for the subject of his discourse "John 1st XIV." The writer having known Annie from early childhood, she having been a pupil of his day school, and also Sunday school, would say that Annie was always of a bright disposition, with abearty greeting in early life she gave her heart to God, and connected herself with the church, and ever lived a consistent Christian life, as was evidenced by the manner in which she bore her long sufferings. She was confined to a bed of affliction for years previous to her death and during all her years of affliction did not murmur or complain, her last words being "All is well," and these words seemed to be imprinted on the pale face as it lay in the casket. Doubtless the departed soul has joined that immortal throng "Whose robes have been washed in the blood of the Lamb." And to the bereaved husband and loved ones, would say emulate the example of Annie, trust in God, walk in the way that she trod, then when to the gates of Heaven you come she will stand with the angels to welcome you home.

W N ELDER.

In an article on the evils of foot ball News & Observer says: "Men who have played ball during the entire college course of four years are retained one, two or three years after graduation, solely to play ball. Men are even hired by colleges as instructors or tutors or assistants, because they are good ball players and will continue to play ball even while they are college teachers—all this is professional, pure and simple, or very thinly veiled. And this is the great evil of college athletics today. It lowers the tone of college life, surrenders its heretofore lofty ideals makes it a party to frauds, deception and constant falsehood."

It invigorates, strengthens and builds up. It keeps you in condition physically, mentally and morally. That's what Hollister's Rocky Mountain Tea will do. 85 cents. Tea or tablets.—Asheboro Drug Co.

By an explosion in the shaft of the Coudeale Company's mine at Wades, West Virginia, last Thursday, thirty-one miners were killed.

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Letter from Kansas

Emporia, Kansas, 12-28-'05.

Editor of Courier, Asheboro, N C,

Enclosed, please find \$1.00. For some please send your valuable paper one year to a good old "Tar Heel" democrat, who without a cause, wandered off out here in Kansas, where the Republican party caters to the nigger to hold his vote and also gives the drug store men a permit to [I suppose] make and sell their "squirrel whiskey." [What I mean by squirrel whiskey is, it will make a fellow climb a tree, or most anything else that a wild or mad man could do.] Oh, well! I will not go into details about Kansas, for poor Kansas is having trouble of its own with its U S Senators, Governor, State Treasurer etc.

Please tell all the North Carolina boys that get Kansas or Western fever that Doc Vickory, of Level Cross, said he had now had seven years experience of western life, and that old North Carolina is as good, if not better, than any.

Doubtless, you won't take the time to read these few lines, but I felt just like I wanted to say a few words in behalf of my old home state. She is as good as the best in the Union, and that is why I want my old home paper sent to me until I get ready to return. I am,

Very truly yours, P M VICKORY.

Three little babes were nestled in bed. "I'll name William, Willie and Bill" mother said; Wide was her smile, for triplets they be; She lays her good luck to Rocky Mountain Tea. (Great baby medicine.—Asheboro Drug Co.)

There is something else to do besides running for office, and the man who is in the office will do well to attend strictly to the duties of his office and make the best officer he knows how to make, and the people will help take care of him at the right time. If they do not care of him he will have the satisfaction of having done that for which he was elected.

Mr Charles Guthrie, of New York, president of the Republic Steel & Iron Company, and a prominent figure in Wall street died at the Whitehead-Stokes Sanitarium last Thursday morning following an operation for appendicitis.

John Atwell, at one time a well-to-do citizen of Mooresville, cut his throat with a razor at his home at that place, Jan 4th, and he died the same day.

A tornado at and around Albany, Georgia, caused a loss of \$150,000 last week.

Worth, Shewood Shuttle Block o., 700 E. Washington St., Greensboro.

Highest cash price paid for

DOGWOOD, PERSIMMON, MAPLE

and BIRCH.

M. S. Sherwood, Pres. Hiram B. Worth, Treas.

BUY THE NEW HOME SEWING MACHINE

Do not be deceived by those who advertise a \$60.00 Sewing Machine for \$20.00. This kind of a machine can be bought from us or any of our dealers from \$15.00 to \$18.00.

WE MAKE A VARIETY. THE NEW HOME IS THE BEST. The Feed determines the strength or weakness of Sewing Machines. The Double Feed combined with other strong points makes the New Home the best Sewing Machine to buy.

Write for CIRCULARS showing the different styles of Sewing Machines we manufacture and prices before purchasing

THE NEW HOME SEWING MACHINE CO. ORANGE, MASS 25 Union Sq. N. Y., Chicago, Ill., Atlanta, Ga., St. Louis, Mo., Dallas, Tex., San Francisco, Cal FOR SALE BY

My Work Pleases!

When you wish an easy shave As good as barber ever gave, Just call on me at my saloon, At morning, eve or noon, I cut and dress the hair with grace, To suit the contour of the face. My room is neat and towels clean. Scissors sharp and razors keen. And everything I think you'll find, To suit the face and please the mind, And all my art and skill can do, If you just call I'll do for you.

TOM CARTER.

Next door to Postoffice.

N. P. COX,

Jeweler and Photographer, Asheboro, N. C.

Life is Worth the Living

if you fit up your house from our complete stock of

House Furnishings.

In our Hardware Department is found Stoves, Ranges, Heaters, Stove-Piping and Mats, Cooking Utensils and all other necessary adjuncts.

In our two large Furniture Stores are shown everything from an infant rocker to the massive sideboard or suite of furniture. In our fourth store or the China and Cut Glass Department is found one of the most beautiful and complete lines seen any where.

An art square that pleases the eye A suit of furniture that is a joy forever, An up-to-date range that makes cooking a pleasure.

'Phone or call—we are at all times awaiting your command.

People's House Furnishing Company, High Point, N. C.

Bargains! Bargains!

We will close out 100 pairs of Men's fine Shoes worth from \$2.60 to \$4.00 per pair court week. Now is your time to get a good pair of shoes cheap. We are receiving a large quantity of new shoes and must have room for them.

We also have other things that we will sell you bargains in. We will have a lot of nice Christmas goods. Come and see us and be convinced.

Ridge, Fox & Company.

Winter Wear for Men Women and Children.

Fine Shoes, Good Shoes, Long Wear Shoes, Fine Clothes, Good Clothes, Clothes that wear well.

Dress Goods of the Latest Styles.

Everything for every body at

W. J. Miller's Store.

We Sell the Earth!

If you are interested in the proposition, in or near Asheboro, we think we can please you as to lot, prices and terms. Office in Bank B'd'g.

Armfield & Laughlin.

Real Estate Dealers.

We Can interest you in a

Heating Stove?

We have a full line of seasonable Hardware. We have just received a complete line of Harness, double and single, and will make you attractive prices on any thing in that line. Guns, Ammunition and Sporting Goods of all kinds.

Barbour, Virginia and High Point Buggies.

Lewis & Winslow Hardware Company.

O R COX, President. W J ARMFIELD, V-Pres S Bryant, President J. H. Cole, Cashier

The Bank of Randolph, Asheboro, N. C.

Capital and Surplus, \$36,000.00 Total Assets, over \$150,000.00

With ample assets, experience and protection, we solicit the business of the banking public and feel safe in saying we are prepared and willing to extend to our customers every facility and accommodation consistent with safe banking.

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Bank of Randleman, Randleman, N. C.

Capital \$12,000. Surplus, \$2,000.

Accounts received on favorable terms. Interest paid on savings deposits.

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Bargains!

If you are in need of a good suit or a nice overcoat it will pay you to see our stock. We have one of the largest and best lines in the county, and will save you money. Come to see us; we guarantee satisfaction.

Liberty Mercantile Company, Liberty, N. C.

Egg-o-see AT W D STEDMAN & CO'S

High Grade Groceries. Depot St. West Side Railroad.

Asheboro Hotel Main Street (Near Court House.) Thoroughly renovated and Refurnished. Table supplied with the best the market affords. Rates Reasonable. B. F. NEWBY, Prop.

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In order to reduce our stock before taking inventory, we will offer, for the next thirty days, anything in our line at a reduced price.

We have some special bargains to offer in a great many things such as LOCKS, BINGES, PAINT, BUGGIES, etc., and if in need of anything in this line, please call to see us.

McCrary-Redding Hardware Company.

Wanted. Chickens, eggs and turkeys and will pay the highest cash prices. Also for furs and h... T B McPHERSON, Asheboro, N. C.

SAW MILLS All sizes built. Have the most accurate Set Works and best Variable Feed Works. Saw, Ripper, Trimmers, Swing Saws, Lath and Shingle Machinery, Planers, Knives, Engines, etc. Write for Free Catalogue. SALEM IRON WORKS, Weston-Salem, N. C.