

AN ESTIMATE OF THE COST.

The expense involved in securing desirable highways. An interesting article on country road improvement is published in The Wheel, from the pen of "Viator," which cannot fail to interest cyclists and farmers who are carrying on a vigorous campaign for better roads.

The American mind is nothing if not practical. The subject of road improvement is a question of time, economic method and financial ability when the roads of the country at large will be considered.

It has been settled by long, patient, costly and scientific experiment that the motive power of a horse on a "foundation" broken stage would be nearly double that of the same animal on an earth road.

How, then, is it practicable to procure such roads—at least in the majority of our older States? We will suppose that the area of the average township is equal to three miles square, and that to put in touch with the great country road, and especially with markets and railroad stations, it is necessary to give it two intersecting "foundation" roads, making in all twelve square miles of improved road.

Of course the existing roads would be utilized, but on this principle it may be assumed that these roads could be completed for \$4,000 per mile, and kept in repair for 5 per cent. annually of their first cost.

This would give \$48,000 as the sum needed for which to issue bonds. The yearly charge would then be 5 per cent. interest on \$48,000—\$2,400; sinking fund, 1 per cent. annually, for thirty years, \$480; total, \$2,880. The repairs are not here included in the annual cost, because they are needed in any event, but under the present systems are completely wasted.

The outcome of the plan here indicated would be that as the sinking fund would liquidate the bonds at maturity the township at the end of thirty years would have at least twelve miles of thoroughly good road paid for, and which could be always maintained at a low cost than is now expended on roads that are sometimes well high impassable. But this is an infinitesimal part of the benefit arising from the improvement. In many cases it is only necessary to issue bonds to increase of population brings customers to the farmers' doors for milk, butter, eggs, fruit and vegetables.

It establishes churches, schools, post-offices, libraries, and finally, villages, and thus forms a case of twenty miles under consideration the certainty would be that before the maturity of the thirty year bonds at least double the mileage would be demanded and built.

The estimated price of \$4,000 per mile here given is intended to apply to six inch macadam roads based on the experience of building in New Jersey. But this figure is meant for roads that can be constructed by machinery. The demand for such roads has developed the fact that they may be so built by bringing to country machinery that hitherto has been used separately and not to the greatest advantage.

It is now seen that traction engines may be used in conjunction with automatic stone spreading machines and steam rollers in one continuous run, so as to actually build and perfect a mile of macadam road in from three days to a week, according to the distance over which the material has to be hauled.

Col. Pope quotes for the statement that "the Illinois roads cost \$10,046,000 in extra hauling, and reduce the value of farms at a distance from railway depots by \$160,000,000. If Illinois spent \$250,000,000 on good roads, the total interest on this sum would still leave enough of the sum now spent on hauling to build a new state capital every year. Good roads would save the state its state taxes every year.

Waking Up to the Situation. A bill prepared by B. Howard Hanson, an able lawyer of the state of Maryland, is to be laid before the state legislature at an early day. It provides for the appointment of a state road and bridge engineer at a salary of \$8,000 a year and \$2,000 for expenses, who is to make a report to the legislature of the condition of the roads and make recommendations as to improvements. He is to have a general supervision of the roads, and the commissioners of the general counties are required to consult with him before making any repairs or improvements costing over \$100, which shall be made by contract on plans and specifications furnished by the state engineer.

The legislature of Pennsylvania has formed a commission to inquire into the condition of the state's roads and to suggest means for their improvement.



"A Word to the Wise." The word we would utter to the wise concerning clothing is "Quality." On Quality hinges Cheapness for a thing is not cheap unless it is good.

Dr. PIERCE'S PELLETS regulate and cleanse the liver, stomach and bowels. They are simply the most perfect medicine ever given to the human system.

If You Have CONSUMPTION COUGH OR GOLD BRONCHITIS Throat Affection SCROFULA Wanting of Flesh

SCOTT'S EMULSION OF PURE COD LIVER OIL With Hypophosphites. PALATABLE AS MILK.

CLOTHING! CLOTHING! G. W. BERTSCH, THE MERCHANT TAILOR.

Gents' Furnishing Goods, Hats & Caps OF EVERY DESCRIPTION.

J. R. SMITH & CO. MILTON, Pa., DEALERS IN

PIANOS, Chickering, Knabe, Weber, Hallet & Davis.

Catalogue and Price Lists On application.

WINGO TOBACCO. This standard brand of plug tobacco is acknowledged to be the best chew and the largest piece for the money in the market.

WINGO TOBACCO. This standard brand of plug tobacco is acknowledged to be the best chew and the largest piece for the money in the market.



I Fell Flat. One day, as a Sixty Avenue barber shop had but one empty chair, a man wearing a very big hat and walking with a great deal of swagger, entered, hung his hat on a peg, and then drawing a revolver he turned to the idle man and said: "I want a shave—just a common shave. I want no talk. Don't ask me if I want a hair cut or a shampoo. Don't speak of the weather or politics. If you speak to me I'll shoot."

PIK-RON. The Best Burning Oil That Can be Made From Petroleum.

CROWN ACME. The Best Burning Oil That Can be Made From Petroleum.

ACME OIL COMPANY, BLOOMSBURG, PA.

B. F. Savits, PLUMBER AND GAS FITTER.

B. F. SAVITS, OPERA HOUSE, BLOOMSBURG, PA.

B. F. SAVITS, OPERA HOUSE, BLOOMSBURG, PA.

B. F. SAVITS, OPERA HOUSE, BLOOMSBURG, PA.

B. F. SAVITS, OPERA HOUSE, BLOOMSBURG, PA.

B. F. SAVITS, OPERA HOUSE, BLOOMSBURG, PA.

B. F. SAVITS, OPERA HOUSE, BLOOMSBURG, PA.

B. F. SAVITS, OPERA HOUSE, BLOOMSBURG, PA.

B. F. SAVITS, OPERA HOUSE, BLOOMSBURG, PA.

German Remedy. TRUTHS FOR THE SICK. For those who are suffering from various ailments, this is the best remedy.

Tutt's Pills. ANTIBILIOUS MEDICINE. Stimulates the torpid liver, strengthens the bowels, and is unequalled as a purgative.

DR. J. B. MAYER'S RUPTURE. Cures hernia and other ailments.

PARKER'S HAIR BALM. Promotes a luxuriant growth of hair.

THE SCIENCE OF LIFE. A scientific and popular medical treatise.

CHICHESTER'S ENGLISH PENNYROYAL PILLS. For various ailments.

WILSON'S ENGLISH PENNYROYAL PILLS. For various ailments.

WILSON'S ENGLISH PENNYROYAL PILLS. For various ailments.

WILSON'S ENGLISH PENNYROYAL PILLS. For various ailments.

WILSON'S ENGLISH PENNYROYAL PILLS. For various ailments.

WILSON'S ENGLISH PENNYROYAL PILLS. For various ailments.

WILSON'S ENGLISH PENNYROYAL PILLS. For various ailments.

WILSON'S ENGLISH PENNYROYAL PILLS. For various ailments.

WILSON'S ENGLISH PENNYROYAL PILLS. For various ailments.

WILSON'S ENGLISH PENNYROYAL PILLS. For various ailments.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

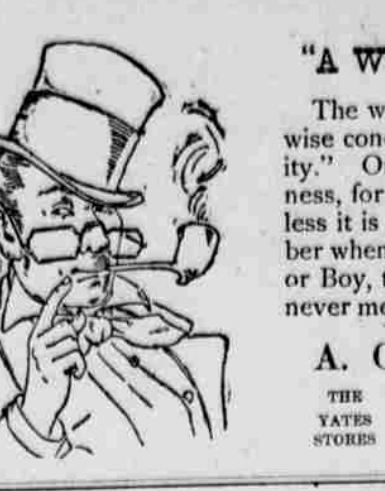
RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

RAILROAD TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.



"A Word to the Wise." The word we would utter to the wise concerning clothing is "Quality."

A. C. YATES & CO. 6th and Chestnut Sts. PHILADELPHIA.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

"A Word to the Wise." The word we would utter to the wise concerning clothing is "Quality."

A. C. YATES & CO. 6th and Chestnut Sts. PHILADELPHIA.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

CUMMINGS & VERDY, BAKERS AND CONFECTIONERS. Exchange Block, Bloomsburg, Pa.

PAID UP TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

PAID UP TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

PAID UP TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

PAID UP TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

PAID UP TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

PAID UP TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

PAID UP TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

PAID UP TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

PAID UP TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

PAID UP TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

PAID UP TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.

PAID UP TIME TABLE. DELAWARE, LACKAWANNA & WESTERN RAILROAD.