MAKING GOOD ROADS.

Increase of Automobiling Has Given Tremendous Impulse to Task.

The question of good road making in the United States within the last ten years on account of the bicycle and the automobile has greatly increased in importance, says the New York Herald. Not only have a great number of macadam roads been built of late, but other roads have been improved, as by the use of oil, so that they give good satisfaction and wear much better than formerly. The United States government has set itself the task of figuring the total roads of the country through the medium of the bureau of agriculture and up to date has figures as follows (the only statistics of the kind ever gathered in this country): Alabama, 50,089 miles; Arizona, 5,987 miles; Arkansas, 36,445 miles; Iowa, 102,448 miles; Maine, 25,528 miles; Maryland, 16,773 miles; New Hampshire, 15,116 miles; North Carolina, 49,763 miles; Oregon, 34,258 miles; Tennessee, 48,989 miles; Vermont, 51,812 miles; Washington, 31,992 miles—in all 469,206 miles of road thus measured.

The total roads in the country have not yet been figured, but it has been estimated that they will reach at least 3,000,000 miles. A number of the states, notably New York, Connecticut and Maine, have legislated to assist counties and towns within their own confines by offering to pay half the expense of roads made new or improved in a specified manner. New road building has been undertaken in consequence.

The prosperity of a country is, of course, dependent in a large degree upon its highways as feeders of the railways, affording means for people to trade with each other and to go about. Unquestionably the automobilist's influence for good roads marks a new era whose future can only be guessed at, but which may change our methods of living and doing business as much as the railroads have changed them in the last seventy-five years.

In the eastern states the tendency is to build hard macadam roads with moderate grades. To form such a road the ground is dug and plowed to the required shape and then covered with layers of stone, the larger stones being at the bottom. When rolled properly such a road is very durable, and if the water courses are designed correctly to carry off the rains it will require small annual repairs. In some parts of the west earth roads have been improved by spraying with oil, which not only lays the dust, but forms a crust several inches thick that resists erosion.

Sand and clay roads have been built in some localities, especially south, and with proper admixture form a very satisfactory surface. The best roads, however, require a stone basis, and this, if properly laid, should last for ages, like the old Roman roads.

ROADS, BUT NOT LIBRARIES.

Indian Territory's Proposition to Carnegie to Build Highways.

A movement has been started at Muskogee, I. T., to interest Andrew Carnegie in the proposition of giving funds for the construction of Carnegie public roads in the new state instead of to public libraries, writes a Muskogee correspondent of the Kansas City Star. A Muskogee newspaper has published this proposition, together with a map showing a road ten miles in length leading from Muskogee to Indian university, Hyde Park, Fort Gibson and to the National cemetery beyond that place.

It is shown that this road could be built for $100,000, including a wagon bridge across the Arkansas river. It would be graded, drained and macadamized and set its entire length with maple or elm trees at that price. It is shown that the amount of money that is now being given away by Carnegie would build 3,000 miles of such road each year and that the benefit to the public would be much greater than in cases where the money goes to public libraries. This is especially true in the new state, where it will be impossible to construct roads of any consequence for several years.

Maps showing this road were to be forwarded to Mr. Carnegie and the matter laid before him for his consideration. The scheme is an entirely original one, and its reception by the great benefactor is problematical.

Toronto Autoists For Good Roads.

As the roads in the vicinity of Toronto are said to be among the worst in the Dominion of Canada, the Toronto Automobile club has started a movement to have them improved, says the Motor News. The club accordingly has decided to offer at least $800 to municipalities for a road improving competition. There will be three prizes—$500, $200 and $100 respectively—which will be paid to the municipalities which show the piece of roadway one mile long on which the greatest improvement has been made by July 1. Points governing the awards will be proper drainage, serviceable width, efficiency of crown, hardness, smoothness and permanency of construction.

No first prize will be awarded unless there are five entries, no second prize unless there are eight entries and no third prize unless there are ten entries. No prizes will be awarded unless the work is finished to a standard approved by A. W. Campbell, commissioner of highways for the province of Ontario, one representative from the York county council and one representative of the Toronto Automobile club.

A Suggestion For Counties.

It has been suggested that the counties in each state having an inheritance tax law devote the receipts received from such source to the construction of a national highway.

Geese on the Farm.

Geese can be kept on grass and water from spring until late fall. Nearly every farm has some meadow which could be utilized to very good advantage by devoting it to goose culture. The only time it is really necessary to feed grain is in winter, and then only enough is required to keep the geese in good breeding condition. Feed a little oats, cut clover and green cornstalk leaves, oyster shell and plenty of water, with a little corn at night on very cold days, and the geese will be in the best condition when the breeding season arrives.

EGGS IN WINTER.

How Biddy May Be Made to "Shell Out" During the Cold Weather.

In order to obtain the best results from hens in winter it is necessary to give them regular feed and care, says Thomas Thornley in American Poultry Journal, and he then proceeds as follows:

We always have plenty of eggs to sell in winter.

Our hens are kept in good, comfortable quarters with never over thirty hens in one flock.

Our house is seventy feet long by fourteen feet wide, divided into seven apartments, giving 140 feet floor space for each thirty hens, nearly five square feet to each hen. This gives ample room for the Mediterranean class which we breed.

The ground floor is yellow clay, on which is kept one foot of straw.

The first thing in the morning our hens are given a feed of whole grain, consisting of one part corn, one part wheat and one part clipped oats. About two quarts of this, thrown in the litter, to each thirty hens will give them good exercise, which all laying hens should have when coming from the roost to keep them healthy and in good laying condition. This feed will keep the business hen busy most of the forenoon.

At noon we feed a warm mash of coarse bran, one-half bushel, loose measure, into which are mixed one-half peck of small potatoes, cooked soft, table scraps and two pounds of ground bone, using some good poultry food every other day.

This mash is fed in troughs, which are hung up out of the way as soon as emptied, which never requires over five minutes.

At night they are fed one-half the same feed as in the morning, this being warmed on cold days. We often parch the corn black, and this takes the place of charcoal to a certain extent.

Fresh, not cold, water and plenty of grit are kept before the hens all the time. Our grit boxes are made on the self feeding hopper plan, so there is no waste.

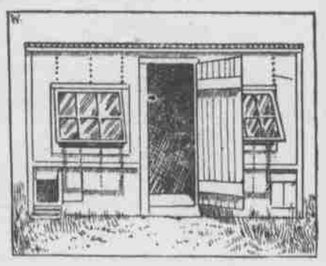
After the coarse grit has been picked out we screen what remains for small chicks in the spring.

For animal food we give plenty of skim milk and pork cracklings, which we find just as good as green bone and much cheaper. We buy the cracklings from the butcher at 1 cent per pound, pounding them up and feeding in the mash or separate.

We find mangel wurzels, hung on spikes two feet from the ground, the best green food obtainable. Cabbage or potatoes fed in the same manner make an acceptable change.

Movable Brood and Colony House.

The illustration shows one of the movable brood and colony houses used on the famous Go Well Poultry farm conducted by Professor Gowell in connection with, or at any rate in close harmony with, the Maine agricultural experiment station and the United States experimental farm. The shoes



MOVABLE BROODER.

beneath the house enable the caretaker to move it to new ground with little trouble, and the economy and wisdom of covering the sides with tarred felt are obvious, as it makes the house cool in summer and warm in winter. The arrangement of windows, too, is admirable. This house is designed to contain two brooders and after the hatching season may be converted into a colony coop in which to carry pullets to full maturity.

Green Food For Winter.

In order to keep fowls healthy during the winter months, also to promote egg production, green food must be provided. Small potatoes, turnips, inferior cabbages—in fact, vegetables of any and all kinds not quite good enough for table use—will prove excellent food for the fowls in winter. Clover, if it can be obtained, is an ideal green food for winter. In order to do their best fowls must have a variety as well as an abundance of food.

Where Geese Thrive.

Geese are most valuable in ridding the ground of grass. This is undoubtedly true, for they are great grazers and will gain their own living almost entirely off herbage if it is in strong, rich growth and in quantities sufficient to satisfy them. Geese will do remarkably well on a spot of rough wooded ground that has a pond thereon. In such a locality they will thrive from early spring until winter approaches.

Culling Out Old Hens.

Two years is the orthodox age when hens should be culled out and sold or killed where they are kept chiefly for egg production, and this should be done as soon as they slacken laying and before the molt comes on; otherwise they will lose weight and become unsalable except at a reduced figure.

No Danger of Overproduction.

There is no danger whatever of having an overproduction of good, wholesome food products in this land. We are buyers and not sellers of eggs to foreign countries. So long as we must buy abroad to satisfy home consumption it is folly to even consider overproduction here.

What an Egg Is.

The average weight of a hen's egg is two ounces, containing nearly 200 grains of solids, divided as follows: Ten parts shell, sixty parts white, thirty parts yolk. White of egg consists of about 14 per cent egg albumen and 86 per cent water. There is some fat in it; also salt, chiefly chlorides. Egg albumen and the albumen of meat coagulate at the temperature of 163 degrees F. The yolk consists principally of fat, coloring matter and water; 52 per cent is water. It contains also grape sugar and salts, chiefly phosphates and iron compounds.

Mrs. S. Joyce, 180 Sullivan St., Claremont, N. H., writes: "About a year ago, I bought two bottles of Foley's Kidney Cure. It cured me of a severe case of Kidney trouble of several years' standing. It certainly is a grand, good medicine, and I heartily recommend it." Belt & Cherrington, Dallas; M. L. Thompson, Falls City.

A bumper fruit crop is expected around The Dalles.

More News from the New England States.

If anyone has any doubt as to the virtue of Foley's Kidney Cure, they need only to refer to Mr. Alvin H. Stimpson, of Willimantic, Conn., who, after almost losing hope of recovery, on account of the failure of so many remedies, finally tried Foley's Kidney Cure, which he says was "just the thing" for him, as four bottles cured him completely. He is now entirely well and free from all the suffering incident to acute kidney trouble. Belt & Cherrington, Dallas; M. L. Thompson, Falls City.

Now nearly every Oregon town wants a militia company.

Notice to Our Customers.

We are pleased to announce that Foley's Honey and Tar for coughs, colds and lung troubles is not affected by the National Pure Food and Drug laws as it contains no opiates or other harmful drugs, and we recommend it as a safe remedy for children and adults. Belt & Cherrington, Dallas; M. L. Thompson, Falls City.

The first boat to reach Fort Klamath propelled by its own power reached there one day last week, proving that Wood river is navigable to that point.

Orino Laxative Fruit Syrup is best for women and children. Its mild action and pleasant taste makes it preferable to violent purgatives, such as pills, tablets, etc. Get the booklet and a sample of Orino at Belt & Cherrington's, Dallas; M. L. Thompson's, Falls City.

William Reddick, formerly a section foreman on the Coquille railroad, has fallen heir to $875,000.

Disturbed the Congregation.

The person who disturbed the congregation last Sunday by continually coughing is requested to buy a bottle of Foley's Honey and Tar. Belt & Cherrington, Dallas; M. L. Thompson, Falls City.

Three more rural telephone lines to Jefferson are contemplated.

Kidney complaint kills more people than any other disease. This is due to the disease being so insidious that it gets a good hold on the system before it is recognized. Foley's Kidney Cure will prevent the development of the disease if taken in time. Belt & Cherrington, Dallas; M. L. Thompson, Falls City.

The outlook for a heavy strawberry crop has never been more flattering than at the present time.

The Life Insurance

puddle has started the public to thinking. The wonderful success that has met Ballard's Horehound Syrup in its crusade on Coughs, Influenza, Bronchitis and all Pulmonary troubles—has started the public to thinking of this wonderful preparation. They are all using it. Join the procession and down with sickness. Price 25c, 50c and $1.00. Sold by Stafrin Drug Co.

Quite a school of herring appeared in Siuslaw bay Sunday; some were caught by hand.

Do You Love

your baby? You wonder why he cries. Buy a bottle of White's Cream Vermifuge and he will never cry. Most babies have worms, and the mothers don't know it. White's Cream Vermifuge rids the child of worms and cleans out its system in a pleasant way. Every mother should keep a bottle of this medicine in the house. With it, fear need never enter her mind. Price 25c. Sold by Stafrin Drug Co.

Late frosts did no damage to fruit around Milton.

My Best Friend.

Alexander Benton, who lives on Rural Route 1, Fort Edward, N. Y., says: "Dr. King's New Discovery is my best earthly friend. It cured me of asthma six years ago. It has also performed a wonderful cure of incipient consumption for my son's wife. The first bottle ended the terrible cough, and this accomplished, the other symptoms left one by one, until she was perfectly well. Dr. King's New Discovery's power over coughs and colds is simply marvelous." No other remedy has ever equaled it. Fully guaranteed by Belt & Cherrington, Druggist. 50c and $1.00. Trial bottle free.

Sheep shearing is under full headway around Echo.

Wonderful Eczema Cure.

"Our little boy had eczema for five years," writes N. A. Adams, Henrietta, Pa. "Two of our home doctors said the case was hopeless, his lungs being affected. We then employed other doctors but no benefit resulted. By chance we read about Electric Bitters; bought a bottle and soon noticed improvement. We continued this medicine until several bottles were used, when our boy was completely cured." Best of all blood medicines and body building health tonics. Guaranteed at Belt & Belt & Cherrington drug store. 50c.

A woman, Miss Kentner, has been elected principal of the Silverton school.

A Narrow Escape.

G. W. Cloyd, a merchant of Plunk, Mo., had a narrow escape four years ago, when he ran a jimson bur into his thumb. He says: "The doctor wanted to amputate it but I would not consent. I bought a box of Bucklen's Arnica Salve and that cured the dangerous wound. 25c at Belt & Cherrington, Druggist.

Hermiston expects to have a population of 600 before long.

Don't Pay Alimony

to be divorced from your appendix. There will be no occasion for it if you keep your bowels regular with Dr. King's New Life Pills. Their action is so gentle that the appendix never has cause to make the least complaint. Guaranteed by Belt & Cherrington, Druggist. 25c. Try them.

LODGE DIRECTORY.

Masonic Calendar.

Jennings Lodge, No. 9, stated communications, Second and Fourth Fridays of each month.
G. L. Hawkins, W. M.
J. C. Hayter, Sec.

Ainsworth Chapter, No. 17, R. A. M., stated convocation, First First and third Fridays of each month.
Oscar Hayter, H. P.
U. S. Grant, Sec.

Naomi Chapter, No. 22, O. E. S., stated meetings Second and Fourth Tuesdays of each month.
Mrs. Maggie Hayter, W. M.
Mrs. Libbie Muir, Sec.

Woodmen of the World.

Dallas Camp, No. 209, meets in their hall in the Woodman building every Tuesday evening.
B. M. Guy C. C.
W. G. Vassall, Clerk.

Mistletoe Circle, No. 33, W. O. W., meets in their Hall, in the Woodman building every second and fourth Wednesday.
Mrs. Helen Greenwood, G. N.
Mrs. Nellie Tavom, Clerk.

Knights of the Maccabees.

Dallas Tent, No. 3, meets Second and Fourth Thursdays of each month in I. O. O. F. hall.
Mark Hayter, S. K. Com.
I. N. Woods, R. K.

Lilac Hive, No. 28, L. O. T. M., meets on Second and Fourth Thursday afternoon of each month.
Mrs. Kittie N. Miller, L. C.
Mrs. Rose Fidler, R. K.

Knights of Pythias

Marmion Lodge, No. 96, K. of P.—Meets every Monday evening in W. O. W. building. Visiting Knights are welcome.
M. A. Ford, C. C.
G. L. Hawkins, K. of R. S.

Fraternal Union of America

Lodge No. 144—Meets Third Tuesday of each month.
W. J. Wagner, F. M.
Mrs. S. E. Morrison, Sec.

A. O. U. W.

Union Lodge, No. 35—Meets First and Third Wednesday of each month.
H. L. Fenton, M. W.
John E. Smith, Fin.

Crystal Lodge, No. 50, D. of H., meets First and Third Wednesday of each month.
Mrs. C. G. Coad, C. of H.
Mrs. Ed. F. Coad, Fin.

United Artisans.

Assembly No. 46—meets First and Third Tuesday of each month.
Willis Simonton, M. A.

I. O. O. F.

Friendship Lodge, No. 6, meets every Saturday evening in I. O. O. F. Hall.
W. L. Soehren, N. G.
W. A. Ayres, Rec.Sec.

LaCreole Encampment, No. 20, meets Second and Fourth Monday of each month.
W. A. Ayres, C. P.
A. W. Teats, Scribe.

Almira Lodge, No. 26, D. of R., meets the first and third Wednesdays of each month.
Miss Mabel Holmes, N. G.
Miss Ollie Howe, Sec.

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TIME TABLE No. 2

EFFECTIVE FEBRUARY 1, 1907.

No. 7 Freight A. M.	N. 9 Freight A. M.	No. 11 Freight P. M.	No. 1 Pass. & Freight A. M.	No. 3 Freight A. M.	No. 5 Pass. & Freight P. M.		STATIONS		No. 2 Pass. & Freight A. M.	No. 4 Freight P. M.	No. 6 Pass. & Freight P. M.	No. 8 Freight A. M.	No. 10 Freight A. M.	No. 12 Freight P. M.
			7:15	11:10	3:29	Lv.	DALLAS	Ar.	9:30	1:45	5:15			
			7:34	No Stop	3:39	Ar.	*TEATS	Ar.	No Stop	No Stop	No Stop			
			7:38	No Stop	3:43	Ar.	*GILLIAMS	Ar.	9:02	No Stop	4:47			
Lv.	Lv.	Lv.	7:43	No Stop	3:48	Ar.	*BRIDGEPORT	Ar.	8:57	No Stop	4:42	Ar.	Ar.	Ar.
6:00	9:00	1:30	7:55	11:50	4:00	Ar.	FALLS CITY	Lv.	8:45	1:00	4:30	8:30	11:45	4:15
6:30	9:30	2:00				Ar.	*BLACK ROCK	Lv.				7:45	11:00	3:30

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