#### How Roads May Be Made and Kept in Good Repair.

- 1. Every good road has two essential features:
- (a) A thoroughly dry foundation. (b) A smooth, hard, waterproof surface covering.
- 2. The foundation is the natural subsoil, "the dirt road," which must be kept dry by good drainage.
- 3. The surface covering is generally a coating of gravel or broken stone which should be put on the road in such a way that it will not, in wet weather, be churned up and mixed with the parth beneath. That is, it should form a distinct coating.
- 4. To accomplish this,: (a) The gravel or stone should contain very little sand or clay-it should be clean.

(b) The road must be crowned or rounded in the centre so as to shed the water to the open drains. (c) Ruts must not be allowed to

form as they prevent water passing to the open drains. (d) The open drains must have sufficient fall, and free outlet so that the water will not stand in them but

will be carried away immediately. (e) Tile under-drains should be laid wherever the open drains are not sufficient and the ground has a moist or wet appearance, with a tendency to absorb the gravel and rut readily. By this means the foundation is made

dry. just as it drops from the wagon but in all stages of growth, the little ones spread it so that travel will at once pass over and consolidate it before the

6. Keep the road metal raked or scraped into the wheel or horse tracks until consolidated.

putting on gravel or stone. grade the roads which you intend to burg over 300,000 fish are sent to mar-

gravel before the time of statute la- ket every year. bor, and use the statute labor as far as possible in drawing gravel. 9. A fair crown for gravel roads on

foot of width from the side to the give Putnam's Painless Corn Extractor centre.

greater crown than on level ground pain not discomfort. Putnam's Corn otherwise the water will follow the Extractor extracts corns. It is the wheel tracks and create deep ruts, in- best. stead of passing to the side drains. One and one half inches to the foot from the side to the centre will be sufficient.

11. Repair old gravel roads which have a hard centre but too little crown and high, square shoulders, by cutting off the shoulders, turning the material outward and placing new gravel or stone in the centre. Do not cov- you wanted. er the old gravel foundation with the mixture of earth, sod and fine gravel of which the shoulders are composed. The shoulders can be most easily cut off by means of a grading machine.

12. A width of twenty-four feet between ditches will meet most conditions, with the central eight feet gra- er people's troubles than our own.

welled. 13. Wherever water stands on the troubles. roadway or by the roadside or wherever the ground remains moist or is swampy in spring and fall, better

drainage is needed. 14. Look over the road under your charge after heavy rains and during spring freshets. The work of a few minutes in freeing drains from obstruction or diverting a current of water into a proper channel may be-

come the work of days if neglected. 15. Surface water should be disposed of in small quantities, great accumulations are hard to handle and are destructive. Obtain outlets into natural watercourses as often as possible. 16. Instead of having deep, open ditches to underdrain the road and

dry the foundation, use tile. free outlet so that water will not er a hearty meal.

freeze in them. 18. In taking gravel from the pit, see that precautions are taken to draw only clean material. Do not let the face of the pit be scraped down, mixing 50c. clay, sand and turf with good gravel. There is a tendency to draw dirty grawel as it is easiest to handle.

dicular face in the pit in the spring, unreasonable as you are. and shows no trace of slipping is generally fit for use on the road with step-mother. out treatment. Dirty gravel should be screened.

20. Plan and lay out the work before calling out the men.

21. When preparing plans keep the work of succeeding years in view. a number of men and teams as can

be properly directed. on a full day's work from each man stitute a day's work. Every wagon box should hold a quarter of a cord,

24. Make all returns clearly, showing who have done their work and who have not. 25. Make early arrangements for having on the ground when required,

and in good repair, all implements and tools to be used in the performance of statute labor.

26. Do all work with a view to permanence and durability. - Municipal World.

# A SIDE-LIGHT ON HISTORY.

The manipulations of the world's first woman barber soothed the strong man to sleep.

Presently, however, he awoke, looked hastily at himself in the large plateglass mirror, put on his coat and start-

Delilah stopped him. Samson, she said, that hair-cut is 25

lents! Samson weakened, and presently the Philistines had him.

Some men are candidates for office because they can't help it-and some because the people can't help it.

# That Tired Feeling

What does it mean? As tired in the morning as at night, can't get rested, nervous, sleepless, dull, languid.

It means that the blood is poor. Muscles cannot be elastic and strong, nerves cannot be steady, energy and vigor cannot be felt, when the blood is impure, impoverished without nourishing pow-

Hood's Sarsaparilla imparts to the blood the qualities it lacks when that tired feeling troubles you. It makes the blood rich, pure, full of vitality. It cures spring languor and eradicates all foul taints from the blood, thus guarding against future danger from ness. Be sure to get.

## Sarsaparilla

Canada's Greatest Medicine. \$1; six for \$5. 50c. Prepared only by C. I. Hood & Co., Lowell, Mass. Hood's Pills cure liver ills; easy to take, easy to operate, 25c.

GOLD FISH RAISING.

In Oldenburg, Germany, is one of the largest goldfish farms. More than 5. Do not leave the gravel or stone hundred small ponds contain the fish carefully kept from the rapacious big fellows of eight inches, which would be delighted to eat their helpless brethren. In spite of this, the goldfish is a great coward, and a tiny fish with the courage to attack it can frighten 7. Grade and crown the road before it almost to death. That the demand for goldfish is large is shown by the 8. If a grading machine is available, fact that from the fish farms of Olden-

#### ACTIVE MAN WANTED

level ground is one inch of rise to each To read this advertisement and then a trial. It never fails to cure. Acts in 10. The roads on hills should have a twenty-four hours and causes neither

#### HE AGREED.

Mrs. Higgins-What wretched taste

that Mrs. Wilkins has. Mr. Higgins-Yes, I met her downtown this afternoon and she was wearing that ugly old \$25 hat you thought

TO CURE A CULD IN ONE DAY. Take Laxative Brome Quinine Tablets. All Druggists refund the money if it fails to Cure. 25c.

## KIND-HEARTED MAN.

We ought to worry more over oth-I do. I worry over my creditors

What are they? My debts.

Quickcure for Skin Diseases, 15c.,

HOW A BASHFUL MAN GOT A WIFE. Blusher is the most bashful man I ever knew.

How on earth, then, did he come to get married? He was too bashfull to refuse.

Quickcure for Bunions, 15c., 25c., 50c.

USELESS ADVICE.

Wiggles-My physician has ordered 17. Give culverts a good fall and me never to take active exercise aft-

Waggles-Well, what of it? Wiggles-I board.

Quickcure for Whitlows, 15c., 25c.,

INTERITED. Governess-I never in my life saw a

19. Gravel which retains a perpen- little girl so wilful exacting, cross, and Little Girl-I dess I takes after my

# MANITOBA FARMS FOR SALE

Near the City of WINNIPEG, MANITOBA. A very desirable Grain, Stock and Dairy Farm. Nicely situated about four miles from 22. Call out for each day only such the City of Winnipeg, fronting on west side of number of men and teams as can Reg River. Close to Markets, etc. The Farm is about 20 chain; wide along the River, containing about 489 Acres, of which over 300 is fence ! 23. In laying out the work, estimate 110 now under cultivation, Soil is a black loam: Latest improved Buildings, consisting of two good Frame Dwelling Houses. Large and see that it is performed. Specify frame Bank Barn, metal sheeted, 70 x 30 feet. the number of loads of gravel to con- With frost-proof Stable underneath, accommodating over forty head of stock; Root House stitute a day's work. Every wagon accessible all winter; Loft storage for about 00 tone of hay; all under the one roof.

Also Near Rapid City. Rapid City is situated north of Brandon, on the Manitoba and North-Western Railway, an also a station on the Great North-West Cent ral Railway from Brandon. In Rapid City there are grist mills with elevators, woollen mills, saw mills and lumber yards, brick yards etc. 320 acres being the west half of section 32, township 13, range 20 west. Land is undulating prairie, and considered the finest for grain, dairy or stock farming, Building material is handy. Good water. Adjoining are all prosperous farmera-

#### A SERIOUS LACK.

Young Mr. Forundred in Squash Center-Aw, my good man, do you evah have fox-hunts heah?

Native-Nope. What is the mattah? No foxes?

Plenty of foxes. No dogs? Plenty o' dogs. No horses?

Plenty o' horses. Then-aw-what is the mattah? No fools.

#### THE NEW WOMAN

Now enters upon pursuits formerly monopolized by men. But the feminine nerves are still hers and she suffers from toothache. To her we recommend Nerviline-nerve-pain curecures toothache in a moment. Nerviline, the most marvellous pain remedy known to science. Nerviline may be used efficaciously for all nerve pain.

#### BEST HE HAD.

Lester dear, said Mrs. Giddings, anxfevers, malaria, and other serious ill- lously to her husband, I don't like that cough of yours. I'm sorry, replied Giddings, but it is

> the best I have. Quickcure for Cracked lips, 15c., 25c.,

SIAM'S PECULIAR ORDER. Not long back his Majesty of Siam gave an Italian, for painting one of his wives from a photograph, "the Grand Cross of the Siamese Crown," It is a rather large order. "This cross," said his Majesty, graciously, "will entitle you to marry twelve wives. It is a distinction I seldom confer, so I hope you will make good use of it."

COMMENDABLE AMBITION. Then you don't believe in prestige

derived from ancestors? Not a bit; I believe in fixing things so my ancestors will derive prestige from me.

#### \$100 Reward \$100.

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is Catarrh. Hall's Catarrh Cure is the only positive cure known to the medical fraternity. Catairh being a constitutional discase, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative rowers that they | or bo offer One Hundred Dollars for any case that it fails to cure. Send for list of testimonials. Address F. J. CHENEY & CO., Toledo, C.

Sold by Druggists, 75c. Hall's Family Pills are the best.

MONEY WELL INVESTED. Doesn't Jimper bore you to death!

He never comes near me since I lent him \$2.

Cheap enough. Quickcure for Cold Sores, 15c., 25c.,

Edward Evans, jr., was recently unanimously re-elected president of the Liverpool Liberal Federal Council.

W P C 920

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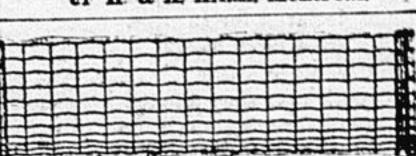
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