How Roads May Be Made and Kept in Good

1. Every good road has two essentlal features: (a) A thoroughly dry foundation.

(b) A smooth, hard, waterproof sur-

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.

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 must have a 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 suf-

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

greater crown than on level ground otherwise the water will follow the wheel tracks and create deep ruts, in-stead of passing to the side drains. One

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 cover the old gravel foundation with the mixture of centh, sod and fine gravel of which the shoulders are composed. The shoulders can be most easily cut off by means of a grading machine.

HE AGREED.

Mrs. Higgins—What wretched taste that Mrs. Wilkins has.

Mr. Higgins—Ves. I met her downtown this afternoon and she was wearing that ugly old \$25 hat you thought you wanted.

Take Laxtive Brono Quining Tablets. All Druggista refund the money if it falls to Cure. 22.

hine.

12. A width of twenty-four feet beween ditches will meet most condiions, with the central eight feet gra
I do. I worry over my creditors

velled.

13. Wherever water stands on the troubles.

What he the roadside or where My de

13. Wherever water stands on the 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 become 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.

17. Give culverts a good fall and free outlet so that water will not freeze in them.

18. In taking gravel from the pit, see that precautions are taken to draw.

Ouickcure for Skin Diseases. 15c., 20c., 50c.

What are they?

My debts.

Quickcure for Skin Diseases. 15c., 25c., 50c.

HOWA BASHFUL MAN GOT A WIFE.

Blusher is the most bashful man I get married?

He was too bashful to refuse.

USELESS ADVICE.

Wiggles—My physician has ordered me never to take active exercise after a hearty meal.

Waggles—Well, what of it?

Wiggles—I board.

Ouickcure for Skin Diseases. 15c., 25c., 50c.

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 clay, sand and turf with good gravel. There is a tendency to draw dirty gravel as it is easiest to handle.

19. Gravel which retains a perpendicular face in the city.

19. Gravel which retains a perpendicular face in the pit in the spring, and shows no trace of slipping is generally fit for use on the road without treatment. Dirty gravel should be sere ned.

be properly directed.

23. In laying out the work, estimate on a full day's work from each man and see that it is performed. Specify the number of loads of gravel to constitute 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

A SIDE-LIGHT ON HISTORY.

The monipulations 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 started to go.

glass min-ed to go. Felilah stopped him on she said, th Samson she said, that hair-eut is 25 tents! mson weakened, and presently the

Philistines had him. Some men are candidates for office secause they can't help it—and some

because the people can't bein it.

That **Tired Feeling**

2. The foundation is the natural 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 can-not be felt, when the blood is impure, impoverished without nourishing pow-

er.
Hood's Sarsaparilla imparts to the 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 fevers, malaria, and other serious illness. Be sure to get.

GOLD FISH RAISING

this means the foundation of dry.

5. Do not leave the gravel or stone just as it drops from the wagon but spread it so that travel will at once pass over and consolidate it before the fall rains.

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

7. Grade and crown the road before putting on gravel or stone.

8. If a grading machine is available, so the roads which you intend to fact that from the fish farms of Oidenburg over 300,000 fish are sent to marburg over 300,000 fish ar In Oldenburg, Germany, is one of the until consolidated.

7. Grade and crown the road before putting on gravel or stone.

8. If a grading machine is available, grade the roads which you intend to gravel before the time of statute labor, and use the statute labor as far as possible in drawing gravel.

9. A fair crown for gravel roads on level ground is one inch of rise to each foot of width from the side to the centre.

Consider that from the fish farms of Oldenburg over 300,000 fish are sent to market every year.

ACTIVE MAN WANTED

To read this advertisement and then give Putnam's Pain'ess Corn Extractor a trial. It never fails to cure. Acts in twenty-four hours and causes neither pain not discomfort. Putnam's Corn

Quickcure for Whitlows, 15c., 25c

INHERITED.

cout treatment. Dirty grave! should be screened.

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

21. When preparing plans keep the work of su ceeding years in view.

22. Call out for each day only such a number of men and teams as can be properly directed.

23. In larging the state of the screen should be properly directed.

24. In larging the state of the screen should be screened.

25. The farm scan be properly directed. Near the City of Winnipea, Manitosa.

A very desirable Gr.in, Stock and Dairy Farm. Nicely situated about four miles from the City of Winnipeg, ir.nting on west side of Rec R ver. Close to Markets, etc. The Farm is about 20 chans wide along the River, containing about 489 acc so, of which over 300 is fence i 110 now under cuttivation. Soil is a black loam. Latest improved Buddings, consisting of two good Frame Dweding Houses. Large frame Bunk Barn, metal sheeted, 70 x 30 feet. With frost-proof Stable underneath, accommodating over for ty head of stock, Root House accessible all winter; Loft storage for about 30 tons of bay; all under the one roof.

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

26. Do all work with a view to perform and the statute labor.

27. Make early arrangements for having on the ground when required tools to be used in the performance of statute labor.

28. Do all work with a view to perform and the statute labor.

29. A SIDE-LIGHT ON HISTORY.

A SIDE-LIGHT ON HISTORY.

South half of section 9, township 14, range 20 west, 320 acres. This half section lies north and near the above section, consisting of undulating prairie and some extra good hay land. Schools post office, blacksmith, etc., on corner of section. Excellent water. Terms net less than ene quarter cash, balance on time. Apply to -Apply to ALEXANDER NAIRN, 415 Jarvis St., Toronto.

A SERIOUS LACK.

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.

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, anxiously to her husband, I don't like that cough of yours.
I'm sorry, replied Giddings, but it is I'm sorry, replied Giddings, but it is the best I have.

Quickcure for Cracked lips, 15c., 25c.,

SIAM'S PECULIAR ORDER.

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."

THOMAS PHOSPHATEPOWDER

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

\$100 Reward \$100.

\$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 taggs, and thatis Catarrh. Hall's Catarrh Cure is the only positive cure known to the medical fraternity. Catarrh being a constitutional disease, requires; coust into union treatment. Hall's Catarrh Cure is then .n.ternally, acting directly upon the blood and uncous surfaces of the system, thereby destroying the foundation of the disease, and giving the parlent strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers that they offer O e Hundred Dollars for any case that it falls to cure. Send for list of testimonials Address F. J. CHENEY & CO., Toledo, C. Sold by Druggists, 75c.

MONEY WELL INVESTED. Doesn't Jimper bore you to death? He never comes near me since I lent Cheap enough

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

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

BOATS and CANOES.

Write for catalogue.
WALTER DEAN, - 1751, Queen St. W., Toronto. YOUNG LADIES | Working evenings for us. Steady, pleasant employment. Send 18c. for samples, the policy in the pendent Lotion Co., Toronto, Ont.

INERALS TESTED for Gold, etc.
Wilton L. HERSEY, B. A. Sc.,
16 St. Scorament St., Montreal, Que.

FARMS AND ESTATES bought, sold & tree, H. M. SIMPSON, Real Estate and Financial Agent, Montreal, Que.

Weed Patent Process
Foundation. Goold, Shapley & Muir ('c. Limited, Brantlord, Can.

WOOD & PHOTOLENGRAVING J. L. JONES F. NG. CO 6 8 10 ADTEAULS W. TORONTO

SHIP YOUR PRODUCE,

Butter, Eggs, Apples, Fruit, &c., to THE DAWSON COMMISSION CO., Limited, Cor. of West Market and Colborne Ste., TORONTO.

AGENTS WANTED THROUGHOUT Canada, Quick selling lines. Sample, terms and oatslogue 5c, stamps. MANUFACTURERS' AGENCY ASSOCIATION, 20 Alexie St., Montreal.

Harris Your-Buys self. Scrap. 25-31 William St., Toronto. Phone 1729.

ROOFING and Sheet Metal Works. ROOFING SLATE, in Black Red or Green. SLATE BLACK ROARDS (We supply Public and High Schools, Toronto). Roofing Felt, Pitch. Cool Tar, etc. ROOFING THE (See New Ciry Buildings, Toronto, done by our firm). Metal Ceilings, Cordees, etc. Estimates furnished for work complete or ion materials shipped to any part of the country. Pho b. BUTHIE & SONS, Adelaide & Widmer Sts., To

The flavor of LUDELLA Ceylon Tea is exquisite, and in point of excellence there is no tea superior to it. Load packages. 25, 40, 50 and 60c.

MONSOO INDO CEYLON TEA.

The most delicious tea in the world.
THE MONSOON TEA CO.,
7 Wellington St. W., Toronto.

Fence, Fence... We can cut your 1896 Fence we have the best and most practical fence on carth. Four miles of it in use at the Experimental Farm, Guelph. Ont. Send for prices, Address Toronto Picket Wire Fence Co., 221 River St. Toronto, Ont.

CHURCH'S AUTO-VOCE INSTITUTE,
9 Pembroke St., Teronto, Canada.
CURE CUARANTEED.

Dominion Line Steamships. Montreal and Quebec to Liverpool in summer. Large and fast twin screw steamships 'Labrador, 'Vancouver,' 'Dominion,' 'Soctsman,' 'Yorkshire.' Superior accommodation for First Cabin, Seo and Cabin and Stearage passengers. Rates of passage—First Cabin, \$52.50; Second Cabin, \$41; Stearage \$22.50 and upwards according to steamer and berth. For all information apply to Local Agents, or DAVID TORRANCE & Co., Gen'l Agents, 17 St. Sacrament St., Montreal.

CONBOY'S IMPROVED CARRIAGE TOPS



CANADA PERMANENT Loan and Savings Company.

early.

Debentures issued for money deposited for DEBENTURES issued for money deposited for three or five years, MONEY ADVANCED on Real Estate at low rates of interest and on favorable conditions. Land Mortgages and Municipal or School Debentures purchased. Information may be obtained from, and applications may be made to G. F. R. HARRIS. General Agent, Winnipeg. CESARE J. MARANI, General Agent, Vancouver.

J. HERBERT MASON, Managing Director, Toronto

BARGAINS IN MANITORA FARMS, IN SEVERAL municipalities; for particulars address, O. NEWCOMBE, Toronto.

33 Steamers aggregating 135,000 Tens.

ALLAN LINE Royal Mail Steamship Co., Montreal to Liverpool.

Steamers sail from Montreal every Saturday morning on arrival of trains from Toronto and the West about 9 o'clock.

RATES OF PASSAGE Cabin \$52.50 and upwards; Second Cabin \$34 and and \$38.25; Eleerage to Liverpoel, London, Glasgow, Belfast, Londonderry er Queenstown \$22.50 and \$23.50.

A reduction of five per cent, is allowed on round trip first and second cabin tickets. For sailings of steamers or other information apply to any authorized agent.

H. Bourlier, I King St. W. Torente, cr H & A. Allan, Montreal.



SAVED BY A DREAM.

Farmer Oak, setting posts for Page fence, is set upon by another agent with a machine to "make it yourself, just as good," etc., etc., who soon talks him to sleep. He dreams he's back at the World's Fair, almost famished, can't live without a good cup of coffee, quick. Meets stranger with machine. buy the green berry, anything cheap, roast carefully, grind in this: perfectly delicious." "Oh yes, of course, you must steep it, and sugar and cream it, -takes a little time, but it's so cheap." Here the nightmare kicks the agent off the field and brings farmer O. to his senses, and he'll use the Page. Farm styles at from 45 to 65 cents per rod. Send for illustrated advertising matter,

WALKERVILLE, ONT.

Over 300 are using it in Mamilton. Over 1000 in Toronto and London.

Removes Dandruff in One Week. Cures Itching of the Scalp. Prevents Breaking of Hair. Stops Falling Out.

POSITIVELY CROWS HAIR.

BUT SWORN TESTIMONIALS SENT FREE

BAIR PRODUCER" 81.60 per Bettle from Bruggista, er om receipt of price to Jeb Cook Mf'g Co., London, Ont. BOL

This is a BONA FIDE offer made to introduce our Vegetable and Flower Seeds to new customers and which we guarantee to please you or the amount paid refunded and the Seeds given as a present.

At these prices we can ONLY offer the varieties named below. Order by number.

Buy what you want. They are sent by mail post paid. Select from the following list:

VEGETABLES.
(Order by Number.)

Beet, Eeglipse, round
Beet, Egyptian, dut round
Cabbage, Wunningstadt
Cabbage, Wunningstadt
Cabbage, Pottler's Brunswick
Carrot, Guerandes Selet
Carrot, Guerandes Selet
Cacrot, Guerandes Selet
C FLOWERS.

FREE WITH EVERY Providing this Coupon is CUT OUT and sent to us with an order for 12 psokets, we will include 1 packet New Ginat Chilian Salpigiosais, price 200. Free of Charge TO SUBSORIBERS OF THIS PAPER.

Ve will NOT ACCEPT AN ORDER at these prices when the packets are NOT selected from the above list. Address all orders to

WM. RENNIE, TORONTO

Don't send Postage Stampe