

DUTY OF ALL TO HELP SECURE BEST OF ROADS

Bad Roads a Great Drawback to Life—Furnishing Object Lessons to Farmers—Drainage is a Requisite.

Agricultural Dept. Papers. Bad roads constitute the greatest drawback to life; farmers suffer more than any other class. Good roads, like good streets, make habitation along them most desirable; they economize time and force used in transportation of products, reduce wear and tear on horses, harness and vehicles, and enhance the market value of real estate. They raise the value of farm lands and farm products and tend to beautify the country through which

and to roll and grade an additional stretch. The selection of the stretches of road was left with the county councils, township councils to furnish stone, teams, laborers, etc. Owing to expense incurred, each county council was asked to grant \$100 for each stretch of road built. To provide drainage is the fundamental principle of road-making. The roadbed is then shaped with the grader, making the centre considerably higher than the sides so that the water will readily run off into the ditches. After rolling with the steam roller, a trench about eight feet wide and six inches deep is cut down the centre road. Into this trench is put first a layer of coarse broken stone; then a layer of fine stone, lastly a layer of still finer stone as a dressing. This last layer helps to bind all the stones into a solid mass, while the sides of the trench hold it all in place. The ten-ton steam roller is run over each layer of stone as it is

MADE MEMBER OF PILOTAGE AUTHORITY FOR PICTOU, N.S.

Civil Service Examinations Will Be Held in Kingston on the Eleventh of November Next.

Ottawa, Oct. 4.—Capt. Joseph Foster of Pictou Landing, N.S., has been appointed a member of the pilotage authority for the district of Pictou. Civil service examinations will be held at Charlottetown, St. John, Halifax, Quebec, Montreal, Ottawa, Kingston, Toronto, Hamilton, London, Winnipeg, Victoria and Vancouver, commencing on Tuesday the 11th day of November next at 9 a.m. The present season has been a disastrous one for the Canadian sealing industry on the Pacific coast. The catch has been very small. The vessels are not yet all returned to port but those which have come in report that the conditions are unfavorable, and the industry a total failure where ever tried. One of the schooners gathered only seventy-nine seals altogether in a hunt that lasted from January.

The committee in charge of the arrangements for erecting a memorial to commemorate the bravery of H. A. Harper, late editor of the Labor Gazette, who died in an attempt to save Miss Blair from drowning, last fall, has decided that it will take the form of a figure symbolical of heroism and nobility of character, such for example as suggested by the figure of Sir Galahad and the painting of the name by Sir Frederick Watts. It was further decided to recommend that public competition, unrestricted in any way, be invited for the design of the monument. Until the choice in this regard is made the site will not be selected.

A street railway scandal, as of live interest as are the famous "digger" cases, may be the outcome of the arrest of E. Gagnon, Murray street. Gagnon, who is a conductor, was arrested on a Bank street car by Detective Robillard, and on his person was found a very ingenious digger. He is charged with taking money and tickets from his fare box. Gagnon broke down and admitted his guilt. He produced twenty-one car tickets and thirty-five cents, which he confessed were taken from the box. It was a clear case against Gagnon, as Detective Robillard stated later that he had seen the prisoner dexterously manipulating the digger. Superintendent J. E. Hutchison was also an eye witness of Gagnon's actions.

HURRAH FOR BATTERY "B." Won First Place at the Deseronto Artillery Camp.

At the Deseronto artillery camp, in the firing exercise, volunteer quota, the 3rd Montreal Field Battery, carried off the laurels. In the competition among the permanent artillery, "B" Field Battery Kingston, won out with a total of 249.05, as against a score of 202, by "A" Field Battery. In fire discipline each battery scored alike, ninety-three points each. Lord Dundonald visited the camp on Thursday and Friday. In honor of Lord Dundonald's visit a public holiday was proclaimed Thursday. The public schools closed and the children enjoyed a holiday and the children of the permanent force, R.C.F.A., left Deseronto, this morning, intending to come right through. They were scheduled to arrive here at five o'clock this afternoon.

SWAM EIGHT MILES. Left Sinking Boat and Reached Land Safely.

Honolulu, Sept. 30, via San Francisco, Oct. 4.—A Sea Islander named Tabekai swam eight miles to land recently. With two other men he went out fishing in a small canoe from Maui. Their canoe was capsized by the wind, but they righted it. It was full of water, however, that it would hold only two men, so Tabekai struck out for shore and reached land. One of the men who remained in the canoe was drowned while the boat was being landed in the breakers on Molokai island.

An Official Visit. Preparatory Communion Service Held in St. Andrew's Church Last Evening.

On Thursday afternoon the directors of the Home for Friendless Women and Infants met at the residence of Mrs. MacNee, Union street. The occasion was a welcome to Mrs. Harvey, inspecting officer of the Provincial Children's Aid department. In response she told of the growing movement for care of dependent children and for securing foster homes. She had visited eight hundred homes in past year into which infants had been adopted, and could speak confidently of the merit and efficiency of the benevolent work begun a comparatively few years since under J. J. Kelso, provincial superintendent. It was a much greater reform than many people were willing to believe. She approved of the Kingston Infants' Home and lauded the human spirit and capable management of Miss Bell, superintendent. Five of the infants were selected by Mrs. Harvey for adoption, and will be taken to Toronto by Miss Germaine, who is a most energetic supporter of the institution. The lady directors were so strengthened by Mrs. Harvey's favorable showing that they resolved to work more energetically than ever. This has been the hardest work any charitable body ever had to undertake here. Harbors' debt of \$670 has been reduced \$100 within the year just closed.

A Change of Agents. Mr. Godfrey, G. T. R. agent who has had charge of the Mallorytown station for about two years, has gone to Port Hope. A Mr. McCalpen takes his place.

"Bibby's." Oak Hall. "Bibby's." New hats! New top coats! New suits! New neckwear! The H. D. Bibby Co. If you are nervous or despondent try Carter's Little Nerve Pills. Dyspepsia makes you nervous, and nervousness makes you despondent; they one renders you miserable, and these little pills cure both. Livingstons' for ready-to-wear clothing.

INCIDENTS OF THE DAY. Newsy Paragraphs Picked Up By Reporters On Their Rounds.

Shell oysters at Carnovsky's. Livingstons' for custom clothing. There was a blank docket at the police court this morning. Preparatory communion service was held in St. Andrew's church last evening. Miss Amelia Bell, Desmond, is visiting her brother, Fraser Bell, of the Y.M.C.A. M. R. Milne, B.A., leaves on Tuesday for Philadelphia to enter a dental college. Men's overcoats, \$7.50, \$10, \$12, \$15. Livingstons'. William Neish, port purveyor at the Kingston customs house will spend his holidays in New York. He leaves on Tuesday. Chauncey Leach, Queen street, visited Odessa fair on Friday, and speaks in glowing terms of the fine exhibits made. City scavenger Atwood has taken possession of the quarters in the basement of the city buildings recently vacated by the city messenger. "I understand that coal is selling at 86.25 a ton in Belleville," remarked a citizen this morning. "That does not surprise me," replied another citizen. "The people of Belleville have not yet heard of the coal strike." The large new physics building at Queen's will soon be ready for roofing. J. E. Deegan, of Brockville, who is the slating contractor. Much credit is being given Mr. Deegan by the architects and inspectors for the work he has already done at the university. Rev. W. R. Young, D.D., pastor of the First Methodist church, St. Thomas, has been asked if he would consider a proposition for transfer to the First Methodist church, Omaha, Nebraska. He is at present in the west, but it is not likely that he will leave Ontario Methodism. Livingstons' for rain proof coats. At the service in St. Mary's cathedral last evening, Miss Eleanor Murray sang a solo, "O Salutaris," in a very acceptable manner. She possesses a sweet soprano voice, which was greatly admired by the large congregation present last evening. "Bibby's." Oak Hall. "Bibby's." The best of heads are wearing our new fall hats. New styles, \$1.50, \$2. The H. D. Bibby Co.

BUTTER FOR OLD LAND. Agricultural Department Advises How to Prevent Mould.

A few lots of Canadian butter have been delivered in the United Kingdom spotted with mould on the butter paper and between the box and the butter. That has occurred on saltless butter. As mould is a tiny plant or fungus, it is important that butter makers and butter dealers should know how to prevent its growth on butter packages, butter paper, or on the butter itself. Mould can only come from pre-existing mould, or from spores, which serve as seed or fruit for its reproduction. If the spores be destroyed mould cannot begin to grow. The conditions favorable for its growth are dampness and a temperature below sixty degrees. Some forms of mould grow at temperatures as low as thirty-two degrees Fahr., or the freezing point of water. Formalin is an effective fungicide; a weak solution is effective for the destruction of spores of mould. A good construction for the butter-maker is to prepare a strong brine of salt, adding one ounce of formalin to one gallon of the brine. The butter paper should be soaked in this solution. The inside of all butter packages should, also, be rinsed with it. The butter paper while still wet with the brine containing formalin should be placed inside the butter box, and the butter immediately packed in it. The brine containing the formalin will destroy all spores of mould on the butter paper and on the inside of the box. A brine can be used for a long period if it is boiled once a week. As the formalin evaporates during the boiling process, it will be necessary to add to every gallon of brine, after it has boiled and cooled, one ounce of formalin.

For the protection of butter to be shipped to the United Kingdom, it is important that it be cooled to a temperature under thirty-eight degrees Fahr., from the second day after it is made. When butter is allowed to remain at a high temperature changes begin which spoil its delicate flavor and fresh-made aroma. Each creamery should have a cold storage room at a temperature under thirty-eight degrees Fahr.; only refrigerator cars should be used for the carriage of butter; and it should be put in cold storage compartments on the steamships and be carried at a temperature under twenty-five degrees.

MRS. PARMENTER'S ESTATE. Left \$59,000 to Be Divided Among Children.

Toronto Star. The will of the late Margaret C. Parmenter, 45 Warden road, is filed. Mrs. Parmenter died in Gananoque on September 27th, as the result of burns from an explosion and the shock of having been thrown in the water by her son to put out the flames. She leaves an estate valued at \$58,675.34. A legacy of \$600 is left to each of her sisters, Janet and Jennie Holland. Her books are given to her son Reginald, and the balance of the estate, real and personal, is divided equally among her daughters, Marion and Kathleen, and her son Reginald upon his reaching thirty years of age, or becoming married.

Legislative Bye-Elections. Mayor Oct. 4.—The election to fill the vacancy in the legislature caused by the death of M. B. Lovell, took place yesterday and resulted in a victory for Mr. St. Zierre, the conservative nominee, by majority of 397.

Coteau Landing, Que., Oct. 4.—The bye-election in Soulanges county, caused by the death of Mr. Bourbonnais, resulted in the return of A. M. Bissonette, independent conservative, by seventeen majority over J. A. Mousseau, liberal candidate. Montreal, Oct. 4.—In L'Islet, rendered vacant by the death of Hon. Mr. Dechene, a member of the government, J. E. Caron, who pronounces himself an independent oppositionist, was declared elected by acclamation on Friday last.

Saved From Failure. An old-time business man affirms that since the art of advertising has become more widely understood the percentage of mercantile failures has had a great fall.

He mentions a number of establishments which have been saved from ruin by a vigorous advertising campaign. Steamers Aground. A message from Port Colborne says the steamers Rosemont and India and consort are detained by the low water, at Humberstone Bridge. The boats are aground. Ten Per Cent Off. All kinds of boots and shoes, trunks and valises at Abernethy's. An excursion is to be run from Kingston to Watertown, N.Y., on Thanksgiving day. Livingstons' for overcoats. There are now nineteen pupils in attendance at the Model School. The term is about half over. Principal Greenlee is making a success of his work. A dusky son of Italy and a dancing bear have struck town, and are furnishing great amusement for the children. Three horse races and a baseball match have been arranged for Kingston township fair next week. Boys' overcoats. Livingstons'. Taylor sells pure drugs.

COMMERCIAL. NEW YORK STOCK MARKETS.

Table with columns: Union Pacific, St. Paul, Manhattan, B. Transp., Sugar, People's Gas, U.S. Steel, U.S. Steel Pfd., Tenn. Coal & Iron, Miss. Pacific, Southern Pacific, Ontario & Western, Western Union, Erie, Reading, N.Y. C., Louis. & Nash, Pennsylvania RR., Texas Pacific, Atchafalaya, Col. & L., American L., Amal. Copper. Includes dates Oct. 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st.

A Kitchen Time-saver. In the busy kitchen, where every minute is important, a great deal of time can be saved by a modern range. No other range possesses so many labor, time and fuel-saving devices, and will do its work so well, as the "Cornwall" Steel Range. Oven is ventilated and lined with asbestos. Has deep fire-box, fitted with "McClary's special" duplex grates. Made with or without high shelf, warming closet, and reservoir. Its rich nickel dress makes the "Cornwall" undoubtedly the handsomest steel range made. Sold by all enterprising dealers. Write for descriptive booklet. McClary's. London, Toronto, Montreal, Winnipeg, Vancouver, St. John, N.B. LEMMON, CLAXTON & LAWRENSON, AGENTS.

All Sensible People Wear Knit-to-fit Combination Underwear. At least all those who know how comfortable it is. No shoving up at the waist, but a smooth glove-like fit from neck to ankle. Elegant in material and finish. MANUFACTURED BY THE KNIT-TO-FIT MFG. CO., 613 Lagachetiere St. Montreal.

COAL OIL! Prime White Oil - 14c. Gallon. Head Light Oil - 16c. Gallon. S. J. HORSEY, PRINCESS STREET. The Ideal Beverage JOHN LABATT'S London Porter Full of the Virtue of Malt and Hops. Perfectly Agreeable to the Most Delicate Palate. JAS. McPARLAND, AGENT, KING STREET, KINGSTON.

BURNISHINE For Cleaning and Polishing. Nickel, Silver, Brass, Copper, Zinc and Tin. Burnishine works easy and quick and is specially good for stove platings. Nothing better for door knobs and trimmings. It polishes as easy in cold as warm weather. McKELVEY & BIRCH 69 and 71 Brock Street.

Just Arrived Another Large Shipment of Fast Selling Couches. Prices Same as Last Lot. Also Boarding House Furnishings, Study Tables, Bookshelves, Springs, Mattresses, Etc. JAMES REID, THE LEADING UNDERTAKER, PHONE 147.

MEN OF ALL AGES suffering from the effects of early fully quickly restored to robust health, manhood and vigor. Lost Manhood, Premature Decay, Weak Memory, Errors of Youth, Night Losses, Yarrow, forever cured. \$1.00 BOX OF MEDICINE FREE. OLD DR. GORDON'S REMEDY FOR MEN in a few days will make an old man of 60 feel 20 years younger. Sent sealed on receipt of 12 cents postage. Full regular one dollar box, with valuable medical book rules for health, what to eat and what to avoid. No duty, no inspection by Custom House, reliable Canadian Company. Write at once. If we could not help you we would not make this honest offer. QUEEN MEDICINE CO. P. O. Box A. 947, Montreal.

"Wall Street Bargains Offering at Present Low Level."

Write us and we will enumerate to you upon request what we consider the very best market propositions at present time, for immediate trading, we will also be pleased to send you, free of all cost, both our 400 page cloth bound, illustrated "GUIDE TO INVESTORS" and "DAILY MARKET LETTER". A most valuable aid to investor or speculator. Correspondence solicited, also.

STOCK, GRAIN AND COTTON Orders, All Amounts. HAIGHT & FREESE Established CO. 53 B'way N. Y. 1890. Main Office STOCKS, BONDS, GRAIN, COTTON. Kingston, Ontario. "Determining the character and financial responsibility of your broker, is as important as the selection of right stocks."

A BIG PART Of the earnings of a jewelry business is its gain in reputation, and, we feel, that our Fall Stock of Fancy Rings and Watches, are just the kind of goods that will further advance us in the confidence of our customers.

SMITH BROS., Jewelers and 350 King Opticians. St. WIRE BARREL COVER To Protect Fruit.

Wire Guards, Railings, Fencing and all kinds of wire work manufactured by F. Partridge. A large number of flower pots of all kinds kept in stock. Crescent Wire Works, 378 KING ST.

Fadeless! The strongest sunlight will not fade the brilliant colors which that honey dye of highest quality yields. Maypole Soap. You can't wash the colors out. "No mess, no trouble" when using it. It dyes to any tint. Maypole Soap Dyes. Sold everywhere. See for Colors. 15c for Black.

Notice to Creditors. NOTICE IS HEREBY GIVEN PURSUANT to Sec. 38, Chap. 129, Revised Statutes of Ontario, 1897, that all creditors and other persons having claims against the estate of Mary Doyle, late of the City of Kingston, in the County of Frontenac, spinster, deceased, who died on or about the 6th day of May, A.D. 1902, are required to send by post prepaid or to deliver to W. H. Sullivan, of 36 Clarence street, in the said City of Kingston, solicitor for the undersigned executors, full particulars and proof of their claims on or before Saturday, the 11th day of October next. And notice is hereby given that after said 11th day of October next the undersigned executors will proceed to distribute the assets of the said deceased among the parties entitled thereto having regard only to those claims of which they shall then have notice and the said executors shall not be liable for the said assets or any part thereof to any person or persons of whose claims they shall not have had notice at the date of such distribution. Dated at Kingston, this 30th day of August, A.D. 1902. MICHAEL SULLIVAN, LAWRENCE O'BRIEN Executors of the last will and testament of said Mary Doyle.

Notice to Creditors. NOTICE IS HEREBY GIVEN PURSUANT to Sec. 38, Chap. 129, Revised Statutes of Ontario, 1897, that all creditors and other persons having claims against the estate of James Doyle, late of the City of Kingston, in the County of Frontenac, deceased, who died on or about the 28th day of July, A.D. 1902, are required to send by post prepaid or to deliver to W. H. Sullivan, of 36 Clarence street, in the said City of Kingston, solicitor for the undersigned executors, full particulars and proof of their claims on or before Saturday, the 11th day of October next. And notice is hereby given that after said 11th day of October next the said executors will proceed to distribute the assets of the said deceased among the parties entitled thereto having regard only to those claims of which they shall then have notice and the said executors shall not be liable for the said assets or any part thereof to any person or persons of whose claims they shall not have had notice at the date of such distribution. Dated at Kingston this 30th day of August, A.D. 1902. MICHAEL SULLIVAN, LAWRENCE O'BRIEN Executors of the last will and testament of said James Doyle.

FOR SALE. THE SUBSTANTIAL BUILDING ON KING Street, between Wade's Drug store and Congress Hotel. In excellent condition. Second floor leased for a long term. Apply to D. A. O'Leary, real estate agent King Street.



MISS JULIA MARLOWE, Who expects to make the hit of her stage career in "The Queen Fiametta," which has its first production in Boston on Monday night.

they pass; they facilitate rural mail delivery and are a potent aid to education, religion and sociability. Chas. Summer once said, "The road and the schoolmaster are the two most important agents in advancing civilization." The aim in making a road is to establish the easiest, shortest and most economical line of travel. Roads should be hard, smooth, comparatively level, or laid out in such grades that loaded vehicles may be drawn over them without great loss of energy; the ground should be well drained; the roadbed graded, shaped and rolled; and they should be surfaced with the best material procurable; they should be properly maintained or kept in good repair. The road that will best suit the needs of the farmer must not be too costly; and must be of the best kind, for farmers should be able to do heavy hauling over them when fields are too wet to work, and their teams would otherwise be idle.

The best road for the farmer, all things considered, is of stone, if only a single track, but having a firm earth road on both sides. Where the traffic is not extensive the purposes of good roads are better served by narrow tracks than by wide ones; while many objectionable features of wide tracks removed, the initial cost of construction is cut down, and the charges for repair reduced. Where beds of good gravel are available this is the simplest, cheapest and most effective means of improving country roads. With earth alone, however, a passable road can be made, provided the principles of location, drainage and shape of surface, with keeping the surface smooth and firm by rolling, be adhered to. In fact, a good earth road is second to none for summer travel, and superior to many of the so-called macadam or stone roads. But the earth roads must be covered with some artificial material, to be firm and unyielding at all seasons and with a surface smooth and impervious to water.

The Department of Public Inquiries and the National Good Roads' association of the United States combined forces a couple of years ago to furnish object lessons on the construction and value of good roads to farmers. A "Good Roads train" was equipped and run between Chicago and New Orleans, building short sample stretches of model road, and holding local conventions in counties along the route. Splendid educational work was done in impressing upon the people the desirability of better roads, and the facility with which they can be constructed. Realizing the good of a similarly equipped train in Canada, an effort was made early in 1901 for work of this sort in the Ottawa district. The Sawyer-Massey company, of Hamilton, manufacturers of road-making machinery, supplied the necessary machinery, and also four experts to operate it. The Canadian Portland Cement company, of Deseronto, donated 200 barrels of cement for the construction of eleven much more satisfactory than wooden ones, for drainage. The Canadian Pacific, Grand Trunk, Canada Atlantic, and Ottawa & New York railway companies agreed to transport the machinery and experts without charge. The train was employed to build a model stretch of stone road from a third to a half a mile, in each of ten counties,

put on. The rolling is always done down the sides of the trench first, so that the stones will be crowded towards the centre. When the rolling of the sample stretch is completed, the stone should be about seven inches deep, sufficient to stand ordinary traffic. Such a road may have to a slight extent in some localities, but the expense of keeping it in repair will be much less than for an ordinary clay road. Such roads cost from \$500 to \$1,000 per mile, according to management and cost of stone. If laid on eight feet wide and eight inches deep in the centre, it would take about 220 to 240 cords of stone per mile. A traction engine for hauling the grader and working the crusher, a crusher, elevator bins, spreading wagons, and a five or six horsepower roller, would cost altogether about \$2,500, and this outfit would be sufficient to do all the work for any ordinary municipality.

INCIDENTS OF THE DAY. Newsy Paragraphs Picked Up By Reporters On Their Rounds.

Shell oysters at Carnovsky's. Livingstons' for custom clothing. There was a blank docket at the police court this morning. Preparatory communion service was held in St. Andrew's church last evening. Miss Amelia Bell, Desmond, is visiting her brother, Fraser Bell, of the Y.M.C.A. M. R. Milne, B.A., leaves on Tuesday for Philadelphia to enter a dental college. Men's overcoats, \$7.50, \$10, \$12, \$15. Livingstons'. William Neish, port purveyor at the Kingston customs house will spend his holidays in New York. He leaves on Tuesday. Chauncey Leach, Queen street, visited Odessa fair on Friday, and speaks in glowing terms of the fine exhibits made. City scavenger Atwood has taken possession of the quarters in the basement of the city buildings recently vacated by the city messenger. "I understand that coal is selling at 86.25 a ton in Belleville," remarked a citizen this morning. "That does not surprise me," replied another citizen. "The people of Belleville have not yet heard of the coal strike." The large new physics building at Queen's will soon be ready for roofing. J. E. Deegan, of Brockville, who is the slating contractor. Much credit is being given Mr. Deegan by the architects and inspectors for the work he has already done at the university. Rev. W. R. Young, D.D., pastor of the First Methodist church, St. Thomas, has been asked if he would consider a proposition for transfer to the First Methodist church, Omaha, Nebraska. He is at present in the west, but it is not likely that he will leave Ontario Methodism. Livingstons' for rain proof coats. At the service in St. Mary's cathedral last evening, Miss Eleanor Murray sang a solo, "O Salutaris," in a very acceptable manner. She possesses a sweet soprano voice, which was greatly admired by the large congregation present last evening. "Bibby's." Oak Hall. "Bibby's." The best of heads are wearing our new fall hats. New styles, \$1.50, \$2. The H. D. Bibby Co.

put on. The rolling is always done down the sides of the trench first, so that the stones will be crowded towards the centre. When the rolling of the sample stretch is completed, the stone should be about seven inches deep, sufficient to stand ordinary traffic. Such a road may have to a slight extent in some localities, but the expense of keeping it in repair will be much less than for an ordinary clay road. Such roads cost from \$500 to \$1,000 per mile, according to management and cost of stone. If laid on eight feet wide and eight inches deep in the centre, it would take about 220 to 240 cords of stone per mile. A traction engine for hauling the grader and working the crusher, a crusher, elevator bins, spreading wagons, and a five or six horsepower roller, would cost altogether about \$2,500, and this outfit would be sufficient to do all the work for any ordinary municipality.