

streets.—A meeting of the Trustee Board of the Wellington street Methodist church was held the other evening to consider the question of improvements. It was decided that in addition to other improvements the church should be reseated.

TORONTO, ONT.—Building permits have been issued as follows: John Hoskijn, 2-storey bk. add. to residence, Dale Ave., Rosedale, cost \$2,000; W. S. Williamson, pr. 2-storey and attic bk. fronted dwelling, Ontario St., north of Gerrard St., cost \$2,500.

OTTAWA, ONT.—The Imperial Trust Company, of Toronto, have made an offer to construct and operate an electric street railway in this city on the condition that they are granted the necessary water power. They propose to raise a capital of \$250,000.—The Lady Stanley Institute for trained nurses has been incorporated. Already \$13,000 has been subscribed, an \$4,000 more has been promised towards the maintenance of the institution after it is erected. A site for the building will be selected near the Protestant hospital on a lofty eminence overlooking the Rideau river.

MONTREAL, QUE.—The G. T. R. authorities will have plans prepared immediately for a new railway depot at Point St. Charles.—It is proposed to erect three wings to the general hospital at an estimated cost of \$80,000.—Ald. Prefontaine, who recently returned from New York, says a proposition will be soon submitted to the city council by the Montreal Island Railroad Company to construct an overhead railway from Lachine to Hochelaga.—The City Surveyor invites tenders until July 9th, to be addressed to the Road Committee, for the paving of the streets named below, with the materials indicated and also for the supply of materials and the execution of works in connection with said paving: 1st.—Streets to be paved with wooden blocks—St. Catherine street, between DeLorimier avenue and Panet street; between Amherst and St. Andre streets; between University and Peel streets; Dorchester street, between Peel and Fort streets; Papineau road, between Papineau Square and St. Catherine street; Windsor street, between St. James and St. Antoine streets; St. Lawrence street, between Craig and Lagauchetiere streets; St. Gabriel street, between Notre Dame and St. Paul streets. 2nd.—Streets to be paved with block-stone—St. Patrick street, between Wellington and Conde streets; Barrack street, between Commissioners and Notre Dame streets; Place d'Armes Hill, between Craig and St. James streets; St. Lambert Hill, between Craig and St. James street; Notre Dame street, between DeLorimier avenue and Parthenais street; Windsor street, between St. Antoine and Osborne streets; Lacroix street, between Craig and Notre Dame streets; St. Vincent street, from Notre Dame southward. 3rd.—Streets to be paved with asphalt—Notre Dame street, between Parthenais and Frontenne streets; Fortification Lane, between Victoria Square and St. Francois Xavier street; and between Place d'Armes Hill and St. Gabriel street; Windsor street, between Osborne and Dorchester streets; Mountain street, between Dorchester and Sherbrooke streets; Peel street, between Dorchester and St. Catherine streets; St. Peter street, between Notre Dame and St. Paul streets; St. Vincent street, from St. Paul southward; St. Therese street, between St. Vincent and St. Gabriel streets; St. George street, between Craig and Fortification Lane. Full particulars at City Surveyor's office.—The following building permits have been granted: Gustave Rolland, two and a half storey stone dwelling, 432 Dorchester St., near Ber, cost \$8,000; Congregation nuns building, 70 by 65, stone, cost \$47,039, architect, A. Prefontaine; Frs. Lamoureux, one and a half storey stone dwelling, Papineau Road, corner Mount Royal, cost \$1,000; Noel Leduc, three storey stone residence, St. Urbain St., cost \$14,000, Chas. Chausie, architect; H. A. Plamondon, two wooden dwellings, St. Hubert St., cost \$3,700, Gondias Simard, architect.

CONTRACTS AWARDED.

MONTREAL, QUE.—Tenders for the New School of Applied Science, the gift of Mr. W. C. McDonald, have been opened and the contracts awarded as follows:—Stone masonry, P. Lyall; brickwork, E. Cowan; carpentering, Jas. Shearer; plastering, J. Cook; painting, A. Craig.—The Water Works Committee has received tenders as follows for the supply of cast iron pipe. Londonderry Iron company, No. 1, 12-inch, \$37.45 per ton, No. 2, 12-inch, \$38.30. Mr. C. A. Liffiton, Montreal, 20-inch, \$40, 24-inch, \$40, 12-inch, \$41; 8-inch, \$41. Mr. J. Alexander Gartshore, Hamilton, 24, 20, 12, 8 and 9 inch, each \$40. Canada Pipe and Foundry company, Montreal, 24-inch, \$39; 20-inch, \$39; 12-inch, \$38.50; 8-inch, \$40. Mr. Thos. Turnbull, Montreal, 24-inch, \$41.75; 20-inch, \$41.70; 12-inch, 9 feet lengths, \$42.92; 8-inch, \$42.92. One other tender had been received, but as it did not come to hand until after the specified time it was thrown out. The quantity of pipes required was, 27-inch, 280 tons; 20-inch, 450 tons; 12-inch, 1,550 tons; and 8-inch, 20 tons, or a total of 2,300 tons. The Londonderry Pipe company only tendered for 900 tons of 12-inch, 600 tons of No. 1, and 300 of No. 2. The contract was awarded the Canada Pipe Co.—Messrs. H. R. Ives & Co.'s tender of \$43.80 for special castings was accepted. Messrs. Garth & Co. were given the contract for wrought and cast iron, at \$15 and \$14 respectively.—Contracts for the erection of a building for the administrative staff of the new Victoria hospital have been awarded as follows:—Masonry, Mr. Pet-r Lyall; carpenters' work, Messrs. Simpson & Peel, and brick work Messrs. Brunet & Son, all of Montreal.

TORONTO, ONT.—Acceptance of the following tenders has been recommended by the Sites and Building Committee of the Public School Board.

Enlargement and alterations to offices. Masonry work, E. & J. J. Gearing, \$865, carpenters' work, Wilson & Howard, \$779; plasterers' work, Watson Bros., \$147; painters' work, Taylor & Wheeler, \$268; plumbers' work, W. J. Burroughs & Co., \$73; galvanized iron work, J. Douglas, \$29; felt roofing work, Geo. Duthie & Son, \$18; furnaces, E. & C. Gurney, \$115. Enlargement of Brant St. school:—Masonry work, E. & J. J. Gearing, \$1,925, carpenters' work, Thos. Phillips, \$1,784, plasterers' work, Watson Bros., \$297; painters' work, Taylor & Wheeler, \$380; plumbers' work, W. J. Burroughs & Co., \$210; galvanized iron work, Baird Bros., \$70; slate roofers work, W. T. Stewart, \$140; felt roofers work, R. Gilday, \$68; heating and ventilating, Smead, Dowd & Co., \$645. Enlargement of Phoebe St. school:—Masonry work, R. Chalkley, \$1,490; carpenters' work, Thos. Phillips, \$3,176; plasterers' work, Alex. Petrie, \$469; painters' work, Dill & O'Hearn, \$418; plumbers' work, J. Sherlock, \$105, galvanized iron work, A. B. Ormsby, \$129, slate roofers' work, W. S. McMurchy, \$390; felt roofers' work, R. Gilday, \$130; heating and ventilating, Smead, Dowd & Co., \$1,135. Caretaker's Cottage, Duferin school:—Masonry work, W. Page, \$579; carpenters' work, Thos. Hancock, \$563; plasterers' work, Hoidge & Son, \$100; painters' work, W. J. Hovenden, \$49; plumbers' work, Fred Armstrong, \$87; galvanized iron work, Baird Bros., \$30; slate roofers' work, W. D. Hutson, \$81; felt roofers' work, W. D. Hutson, \$14. Caretaker's Cottage, Ryerson school:—Masonry work, W. Page, \$570; carpenters' work, John Harvey, \$475; plasterers' work, Watson Bros., \$97; painters' work, W. J. Hovenden, \$46; plumbers' work, Fred. Armstrong, \$80; galvanized iron work, A. B. Ormsby, \$24; slate roofers' work, H. Williams & Co., \$155. Caretaker's Cottage, Wellesley school:—Masonry work, W. Page, \$520; carpenters' work, W. Baillie, \$600; plasterers' work, Watson Bros., \$97; painters' work, Taylor & Wheeler, \$49; plumbers' work, Fred. Armstrong, \$83, galvanized iron work, Baird Bros., \$30; slate roofers' work, G. Duthie & Son, \$81; felt roofers' work, G. Duthie & Son, \$20. Caretaker's cottage, Lansdowne school.—Masonry work, W. Page, \$549; carpenters' work, John Harvey, \$475; plasterers' work, Watson Bros., \$97; painters' work, W. J. Hovenden, \$46; plumbers' work, Fred Armstrong, \$85; gal. iron work, Baird Bros., \$30; slate roofers' work, G. Duthie & Son, \$52; felt roofers' work, G. Duthie & Son, \$20. Caretaker's cottage, Bolton Ave. school.—Masonry work, W. Page, \$590; carpenters' work, John Anderson, \$588.50; plasterers' work, Watson Bros., \$102; painters' work, W. J. Hovenden, \$46; plumbers' work, Fred Armstrong, \$89; gal. iron work, A. B. Ormsby, \$24; slate roofers' work, W. T. Stewart, \$160. Caretaker's cottage, Duke st. school.—Masonry work, W. Page, \$579; carpenters' work, Thos. Cratchley, \$534; plasterers' work, Watson Bros., \$102; painters' work, W. J. Hovenden, \$49; plumbers' work, Fred Armstrong, \$85; gal. iron work, Baird Bros., \$30; slate roofers' work, W. T. Stewart, \$90; felt roofers' work, W. T. Stewart, \$12. Calsomining schools as follows:—Bathurst St., 4 rooms, John Burgess, \$28; Borden St., 2 rooms, John Burgess, \$15; Elizabeth St., 3 rooms, John Burgess, \$20; Givins St., 12 rooms, halls, etc., A. Willis, \$177; John St., 2 rooms, halls, etc., W. Kennedy, \$17.95; Lansdowne St., 12 rooms, halls, etc., J. Taylor, \$165; Manning Ave., 12 rooms, halls, etc., Bell & Co., \$147; Winchester St., 8 rooms, halls, etc., W. J. Hovenden, \$93.66. Flag poles for 28 schools, E. Hollett, \$1,440. Panking, fencing and sheds.—George St. school, Wm. Park, \$1,212; Huron St. school, E. W. Powers, \$2,366; McCaul Street school, Parkdale Lumber Co., \$685. Iron fences, including gates for Huron, George and McCaul St. schools, Shipway Manufacturing Co., per foot, \$1.95.

LAYING WATER-PIPE UNDER A MAIN.

MR. F. S. Pecke, a civil engineer at Watertown, N. Y., lately accomplished in a very simple, cheap and expeditious way, what is usually a difficult and expensive operation—the laying of a long line of pipe in deep water. He had occasion to lay nearly a thousand feet of suction pipe at Rouse's Point. The water was needed for manufacturing purposes, and it was found that water near the shore was more or less roily and impure. It was necessary to have the inlet a considerable distance in the lake. He purchased for the purpose a steel pressure pipe of eight inches diameter, manufactured by the Spiral Weld Tube Company, at East Orange, N. J., and used for couplings cast iron flanges weighing, with bolts and gaskets, about 65 pounds to the pair. Plugging the end of the first length, he pushed it out on the surface of Lake Champlain, and connected the second length, pushing this out in turn, etc., until the whole line was coupled. It then presented the unusual spectacle of a line of 8-inch pressure pipe nearly 1,000 feet long, floating with a displacement of only 3½ inches of its diameter. When the requisite length had been connected, the line was towed to position, the plug at the end removed, and the pipe sank easily in 16½ feet of water, without breaking a joint or receiving an injury. No buoys or floats were used in the operation, and no apparatus of any kind. The pipe is now in use as the suction of a steam pump, and gives perfect satisfaction. Work of this kind usually involves the use of expensive and troublesome flexible joints, and Mr. Peck's ingenious expedient is worthy of record.