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An Increase in Forward Buying

Consumers Would Contract More Freely

Railroad Demand Keeps Up—Round Sales of Basic Iron for Western Delivery

Summed up, the latest developments in finished steel products are these: A larger business in some of the heavier lines, a continuance of the better buying by the railroads, lower prices where there has been any change and more offers from consumers to place long-time contracts at present levels. This last is the most significant feature of the situation. There are also offers to take and pay for, as soon as the mills can ship, rolled steel in various forms sufficient to last the would-be buyers for months. While some mills are resisting the effort to carry present prices far into next year, there is evidently an increase in forward selling. The whole price situation turns on the amount of backlog accumulated under this movement.

Attention is still focused on the railroads. Car buying last week made a larger week's total than in months and other good-sized orders are yet to be given out. The New York Central added 5350 to its previous total, and the B. & O. gave out three orders calling for 2000, 1000 and 1500 cars, respectively. In the Pittsburgh district the plate and structural tonnage resulting from car orders placed with local builders amounts to 60,000 tons and Chicago district mills have booked 40,000 tons of plates and shapes for Western car shops.

The Atlantic Coast Line has bought 12,000 tons of rails from the Carnegie Steel Company and 7000 tons from the Maryland Steel Company. The Reading and the Central of New Jersey have placed 18,000 to 20,000 tons with the Pennsylvania Steel Company and the Bethlehem Steel Company. In addition to the 21,000-ton order which went to Gary, the Burlington road has bought 40,000 tons of open-hearth rails from the Colorado mill. The New Haven is added to the list of roads figuring on next year's requirements. Arrangements may be made that will bring some 1912 rail rolling to the mills for December, filling gaps that have been giving some concern.

There is larger buying of steel bars and July 1, 1912, is, as a rule, the limit on contracts. Two sellers are reported to be holding to 1.10c., Pittsburgh, as a minimum, but it is known that on some large lots, of small range in sizes, the price has gone to 1.05c. In the Chicago district sales have been made which on a Pittsburgh basing would figure even lower.

In plates, structural shapes and bars, the products on which the mills in different districts come into sharpest competition, the week's prices have shown

Mechanical and Civil Engineers
PITTSBURGH, PA.

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Texas

AUSTIN, TEXAS, November 13, 1911.

The cotton-holding movement is beginning to have a telling effect upon various lines of business in Texas. The large volume of money that is usually found in the channels of trade at this season of the year when the cotton crop is large and good prices prevail is noticeably absent just now. This condition is not felt as much by dealers in machinery as it is by merchants and others who are dependent directly upon the cotton grower for a large share of their revenue, but it naturally is having more or less bad effect upon the former branch of business.

The National Food Company has let the contract for the erection of a new factory at Decatur. It will be equipped with new and modern machinery for the manufacture of various kinds of food products.

The Commercial Club, of Tioga, is promoting the construction of a complete sewer system and also the installation of an electric light plant.

J. T. Sanderson, Clarksburg, W. Va., is promoting the organization of a company with a capital stock of $250,000 to establish a large woolen mill at San Angelo, Texas. One of the great inducements for the proposed industry is that there is annually concentrated at that place more than 4,000,000 lb. of wool.

Plans have been drawn and approved for the construction of a 15-ft. dam across the Colorado River near Austin and the installation of a small hydroelectric plant for the purpose of irrigating several thousand acres of land and furnishing power for the operation of the machinery of the farmers of that section. Those interested in the enterprise are D. B. Matthews, Charles Jones and Goodwin Jones. J. C. Dumont is the engineer. There will be about $50,000 invested in the enterprise.

The Kenedy Light & Power Company has just finished the installation of an electric light and power plant at Kenedy.

The City Council of Kenedy has under consideration the installing of a waterworks plant and sewer system.

The Athens Pottery Company, which was recently formed at Athens with a capital stock of $100,000, has taken over the pottery manufacturing plants of P. E. Miller at that place and of the Winfield Pottery Company near Winfield. The new company will install machinery and greatly enlarge the two plants.

The Intermittent Vacuum Pre-cooling Company, of Wilmington, Del., has been awarded the contract for installing a pre-cooling plant at San Benito, Texas, at a cost of about $100,000. The plant will have a daily capacity of about 50 cars. S. A. Robertson, of San Benito, and associates are interested in the project.

Womack & Nelms are installing a new dynamo and other machinery in their electric light and power plant at Caldwell.

The cotton gin of P. H. McCormick and associates at El Dorado, which was destroyed by fire recently, will be rebuilt.

The Payne-Parsley Machine & Mfg. Company will reconstruct their cotton-chopping machine factory at Crockett, which was recently destroyed by fire. It will be considerably larger than the original plant.

Oscar Pacius, of Sanderson, and associates will erect a factory at Alpine for the manufacture of wax from the candelilla plant. The people of Alpine have donated the site of the proposed industry. Mr. Pacius and associates recently finished a similar factory at Sanderson.

The Trinity Compress & Gin Company has been formed at Trinity with a capital stock of $25,000. The incorporators are W. A. Bell, J. B. Gibson, J. C. Mansell and others.

The Navidad Mining Company has made application to the Department of Fomento of the Federal Government for a concession to install a hydroelectric plant upon the Navidad River near Iztlan, state of Oaxaca, Mexico. It will construct a dam across the river to obtain the initial power and will build a power transmission line from the plant to its mine.

The Commonwealth Mining Company is having plans prepared for a 300-ton mill that it will install at its Commonwealth mine at Pearce, Ariz.

J. F. Orosco will install a mill upon his group of mines near Mount Hopkins, Ariz.

The American Exploration & Mining Company will install a 50-ton cyanide plant at its mine near Steeple Rock, N. M.

The San Juan Mining Company will install a 200-ton reduction mill at its San Juan mine in the Taviche district, state of Oaxaca, Mexico.

The Alfarina Mining Company will install considerable machinery at its mine at Santa Barbara, state of Chihuahua, Mexico. Frank Morehouse is general manager.

The El Carmen Mining Company will install a large reduction mill at its mine at Santa Barbara, Mexico. S. C. Alley is manager.

El Rayo Mining & Development Company, of Santa Barbara, state of Chihuahua, Mexico, will install two cable tramways at its property. James S. Colbath is manager.

At Corpus Christi plans are under way for a new water works to cost $250,000.

The Hamlin Electric Light, Heat & Power Company, with a preliminary capital stock of $10,000, has been incorporated by W. W. Johnson, W. S. Whaley and Clinton Fraser, at Hamlin, Texas, for the purpose of putting in a plant for municipal and private service.

The Pacific Coast

PORTLAND, ORE., November 9, 1911.

Inquiry for tools of the heavier types is almost entirely lacking. The larger shops of this territory require little new equipment at present, and while there is a fairly steady demand for small equipment the total volume of sales is light as compared with any of the Eastern trade centers. The railroads have been keeping out of the market of late, though the rapid extension of lines in Oregon and Washington will doubtless require considerable increase in the capacity of railroad shops during the next few years. The largest shop equipment in immediate prospect is that of the Berlin Machine Works, but as work is just being started on the buildings it will be some time before the machinery can be installed and the orders will probably be placed with Eastern manufacturers direct.

It is understood that a suit for foreclosure filed against the Moran Company, Seattle, Wash., by Bertram, Griscom & Jenks, of New York, is intended to bring about a reorganization and that additional capital will be invested for the construction of a large dry dock. It is considered doubtful, however, whether any material addition will be made to the shop equipment.

Logging, sawmill and woodworking machinery is rather quiet at the moment, but there is considerable inquiry and a general buying movement is expected during the coming month. Most of the mills in Oregon and Washington will be closed for repairs for 30 days beginning December 15 and advantage will be taken of the closed season for the installation of many needed improvements. This will also give an opportunity to dispose of the stocks on hand and the lumber interests anticipate an extremely busy season. The exportation of machinery to China, which has developed rapidly for the last few years, has been temporarily interrupted, though there is still a fair movement to Japan.

A number of sand and gravel firms operating on the Willamette and Columbia rivers are preparing to increase their equipment and orders are expected for considerable dredging machinery, as well as barges, etc.

The Pacific Bridge Company, Portland, is having plans drawn for a large clamshell dredge.

C. G. Fuller is building on Fifth street, Eltopia, Wash., a new blacksmith and machine shop.

It is reported that the Powell River Pulp & Paper Company, which has just completed a large plant on Powell River, B. C., will double its capacity.

The Ogle Mountain Mining Company, of which J. B. Fairclough, Oregon City, Ore., is president, contemplates the installation of new machinery at an expenditure of about $100,000.

The Oriole Gold Mining Company, Grants Pass, Ore., is preparing to install a 50-ton ore mill.

The plant of the Imperial Powder Company at Chehalis, Wash., which was recently destroyed by fire, will be replaced immediately. The company is also figuring on installing a factory near Medford, Ore.

The Dalles, Ore., Lumber & Logging Company will make extensive improvements in its mill immediately after the first of the year. New band saws will be installed, replacing circular saws.

The power plant of the Schwager & Nettleton lumber mill, near Seattle, Wash., which was recently destroyed by fire, will be replaced shortly. The plant destroyed was valued at $25,000.

Fred L. Webster, coast manager for the Allis-Chalmers Company, with headquarters at San Francisco, is visiting the northern offices.

The Atlas Gas Engine Works, Oakland, Cal., has leased a site at the foot of Twentieth avenue, in that city, where a new plant will be erected at once.

The Natomas Consolidated of California is preparing to replace its $250,000 gold dredge near Folsom, Cal., which was recently destroyed by fire. Bucyrus

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machinery is used in all this company's dredges.

The Pacific Gas & Electric Company, Sacramento, Cal., has authorized the issuance of bonds to the amount of $3,000,000 to provide for the improvement and extension of its hydroelectric power system.

The Pacific Sewer Pipe Company, Los Angeles, Cal., is planning to add to its five plants already in operation a sixth which will cost $350,000.

The Enterprise Foundry Company, San Francisco, Cal., has purchased a 20-acre site at Richmond, Cal., and will soon begin the erection of buildings for a new plant. A large force will be employed.

Western Canada

WINNIPEG, MAN., November 11, 1911.

Three of the industries of Medicine Hat, Alberta, have announced their intentions of enlarging their capacity in the spring. The Alberta Clay Products Company will expend $175,000 in new buildings, the Medicine Hat Milling Company, $60,000, and the sash and door factory, $50,000.

At a meeting of the City Council of Battleford, Sask., last week it was decided to submit a supplementary by-law to the ratepayers providing for a further issue of $100,000 for waterworks and sewers.

A considerable amount of money is being spent by the City Council of Prince Rupert, B. C., this year on improvements. The new waterworks system is estimated to cost $550,000. About $100,000 of this will be spent this year.

About $200,000 will be expended by the Coal & Ore Docks Company on its plant at Port Arthur, Ont., this winter. Besides a great enlargement of the yard and storage ground, additional equipment for screening and sorting will be provided.

Frank V. Samwell, Guelph, Ont., is promoting a company with $500,000 capital stock to build and operate a plant at Fort William, Ont., for the manufacture of wrought iron pipes. The terms the City Council of the latter municipality has agreed to in this connection will come up for ratification by the ratepayers in the January elections. The City Council agrees to give the company a site of 15 acres, with a 500-ft. frontage on the water, and to loan the company $100,000 and give it exemption from all taxes but those on school account.

It is announced that the Pella Stacker Company, Pella, Iowa, will locate a Canadian branch of its industry at Port Arthur, Ont. The sum of $45,000 is to be expended on land and buildings. The construction of the factory is to be begun in the spring.

The Giant Powder Company is understood to have made arrangements for the transfer of its present works at Telegraph Bay, on Vancouver Island to Nanoose Bay, a short distance from Comox. Nanoose Bay is the terminal point on the East Coast of the Island for the Canadian Pacific Railway system.

The Taylor Milling & Elevator Company is about to build in Nelson, B. C., the largest wheat elevator in that province and also a flour mill of large capacity.

The Western Dry Docks Shipbuilding Company, Port Arthur, Ont., has the contract to build a large package freight steamer for J. W. Norcross, Toronto.

The B. C. Marine Railway Company will construct at its plant in Esquimault, B. C., a steel screw steamer for the Canadian Pacific Railway Company.

The large penstock at the Powell River Pulp & Paper Company's plant, Powell River, B. C., collapsed some days ago and has delayed the beginning of manufacturing operations there for a short time.

Webb & Gifford have erected a machine shop in New Westminster, B. C.

The Llewellyn Iron Works, of Seattle, has opened an office in Vancouver, B. C.

By-laws are to be submitted to the ratepayers of Moose Jaw to raise money for extending the fire alarm system by an outlay of $17,000 and for enlarging the waterworks by an outlay of $550,000.

The B. C. Hydraulic Company, Victoria, B. C., has offered to install a street railway in Manaimo, B. C., provided the council guarantees interest on the bonds issued.

The Quinlan-Carter Construction Company is moving its plant from Glenbow to Calgary, Alberta.

A building site has been purchased for the Western Canada Foundry Company in Calgary, Alberta. Works are to be erected at an estimated cost of $250,000.

The Canada Life Insurance Company, Toronto, has purchased in Calgary a site on which it proposes to put up an office building to cost $200,000.

Up to December 15 tenders will be received by the Mayor of Neepawa, Man., for the following: Pump house and filter room, water tower, cast-iron water pipes, gate valves, fire hydrants, etc., mechanical filters, pumping machinery, dam, intake and reservoir, wooden stave pipes, sewer pipes, laying conduit and sewage disposal works.

The Renfrew Lumber Company is proposing to build a saw mill on Silver Creek near Hope, B. C.

The Nicola Valley Meat Company is calling for tenders for the erection and equipment at Merritt, B. C., for the cold storage plant to cost $15,000.

The McLaughlin Carriage Company, Oshawa, is erecting in Saskatoon, Sask., a garage and warehouse to cost $60,000.

It is announced that the Carson Creamery Company will construct a plant at Winnipeg to cost $250,000.

Eastern Canada

TORONTO, ONT., November 13, 1911.

Manufacturers are busy and most of them have work for months ahead. Good weather has favored them, as it has enabled many outdoor activities that figure largely in the demand for plant and equipment to continue their operations. The movement of the crop keeps a large fund of money engaged, but manufacturers are not incommoded on that account. The Dominion Steel Corporation has advance orders for rails that will keep its plant busy until next summer.

The City Council of Toronto proposes to submit to the ratepayers a by-law to raise $1,500,000 more to be expended on the municipal hydroelectric system.

It is announced by the Mines Department at Ottawa that J. M. Shuttleworth, of Brantford, and associate manufacturers have contracted with the government to continue the work at Alfred, and will spend over $500,000 in trying an improved Anrep peat machine. The machine will have a capacity of 60 to 80 tons per day, as compared with the 30 tons the government machine turned out. It will be in operation next spring, working double shifts of 20 hours for 110 days. The power for driving the machinery and for lighting the field at night will all be derived from peat, hence the plant will be self-contained.

The National Brick Mfg. Company is constructing a plant at Delson Junction, near La Prairie, Que. The cost of the buildings and machinery will be about $500,000.

The Standard Quarries, Ltd., Montreal, has just bought from Mussens, Ltd., a new crushing plant of 1000 tons per day.

The award of the contract for building the dry dock for Vicars, Sons & Maxim at Montreal is to be announced in a few days, the tenders having been opened this week. The estimated cost of the work is $5,000,000.

The town of Owen Sound, Ont., has under consideration a project for the building of a street railroad.

The municipal corporation of Plaisance, Que., proposes to build a steel bridge over the Nation River.

The following tenders were received by the City Council of Toronto for the construction of its projected subway: Pearson & Co., New York, $5,000,000; Patrick McGovern, Boston, $3,840,000; Coleman Bros., Boston, $3,840,000; Nawn Contracting Company, Boston, $3,628,857; E. E. Smith & Co., New York, $3,613,000; Larkin & Sangster, St. Catharines, $3,500,000; James Stewart & Co., New York, $2,924,000; F. F. Cranforth, Brooklyn, $2,856,000; H. J. Haney & Co., Toronto, $2,600,000; five other tenders, among whom were A. M. Orpen & Co. and J. H. McKnight & Co., local firms.

The ratepayers of Three Rivers, Que., have approved the by-law to provide electric cars for the local street railroad at a cost of $800,000.

The contract for the electrical installation required to operate the new bascule bridge at Quebec, Que., will be let in a few days.

The Norton Company, Chippewa, Ont., will double its plant in the spring. It manufactures grinding wheels.

The Mayor of Hamilton will receive during the next two months sealed proposals for bids to supply the following classes of material for the distribution plant of the city's hydroelectric system:

A.—Substation buildings, heating, lighting, plumbing, etc., for same.
B.—Station equipment, including transformers, switches, switchboards, lightning arresters, instruments, oil tanks and other appurtenances.
C.—Wood poles, cross arms, pins, sideblocks, braces, insulators, machine bolts, lag screws, brackets, anchors, pole steps, guy wires, etc.
D.—Reinforced concrete poles, conduits, conduit, steel reinforcing, cross arms and castings.
E.—Underground conduit system construction, including cable racks, manhole and hand hole castings, structural steel, fuse pillars and castings.
F.—Conduit ducts (tile, fibre or other system for underground distribution).

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THE MACHINERY MARKETS

tendered for the work of building vessels for the Canadian navy are impatient to know what the new government is going to do about the business. Each of the companies has $100,000 on deposit with the Government.

The works of the Canadian Car & Foundry Company at Turcot, near Montreal, are to have their capacity doubled so as to be able to turn out 125 passenger cars per annum. The shops for all-steel cars at Dominion, just outside Montreal, are also to be enlarged to 50 per cent. more capacity.

The plant that Canadian Steel Foundries, Ltd., is erecting at Longue Pointe, Montreal, will cost about $1,000,000. It will be ready for operation at the end of the year. The capacity of the plant will be 25,000 tons of steel castings per year.

Goold, Shapley & Muir, Brantford, Ont., are installing the water system for fire protection at the Jordan Sanitarium at River Glade, N. B.

Tenders will shortly be asked for the supplying of a fire pump, gasoline engine and a producer gas engine in connection with the water works of the municipality of Ridgetown, Ont.

Tenders will be received to November 16 for the putting in of sewers, pumping station, etc., for the town of Sudbury, Ont.

The London Street Railway Company, London, Ont., will take up the question of purchasing equipment for power house, extension of lines and building of cars.

Tenders are called to November 8 for the construction and erection of 150-hp. horizontal return tubular boilers at three points on the National Transcontinental Railway. Tenders are to be sent to the secretary, P. E. Ryan, Ottawa.

Plester & Parker, Galt, Ont., are enlarging their factory and will install additional machinery.

M. E. Blaiser Machine Company, Utica, N. Y., will establish a branch factory at Niagara Falls, Ont.

City Engineer Sifton, Hamilton, Ont., is preparing plans for two transformer stations, for municipal electrical system, one to cost $8,000, the other $10,000.

Tenders will be called shortly for the hydro-electric distribution system at the main transforming station, Hamilton, Ont., with heating system at the main transforming station, with heating, lighting and plumbing, about $16,000; station equipment, including transformers, switches, switchboards, indicating and recording instruments, about $40,000.

The Standard Silver Plate Company, Toronto, will build a factory to cost $75,000.

A branch factory of the Beaver Mfg. Company, Birmingham, Eng., is to be opened at Niagara Falls, Ont. Aluminum novelties will be turned out.

The nail and wire mill which the Dominion Steel Corporation is erecting at Sydney, N. S., is steadily progressing.

The Dominion Axle & Forge Works, Guelph, Ont., has begun the construction of its factory.

The Quebec Pulp & Paper Company, Montreal, has been formed with a capital stock of $15,000,000. It proposes to construct and operate large mills in the Province of Quebec.

It is reported that the Canadian Northern Railway Company will establish large repair shops in Ottawa.

The ratepayers of Dryden, Ont., have approved a by-law giving municipal privileges to the Dryden Timber & Power Company, in consideration of the latter's establishing a pulp mill and power plant there.

The Canada Cement Company, Montreal, will add a number of new plants at various points throughout the country.

The Hamilton Gaslight Mantle Company, Hamilton, Ont., has been incorporated with a capital stock of $40,000.

The M. E. Blazier Machine Company, Utica, N. Y., which manufactures steaming and pressing apparatus, has established a Canadian branch plant at Niagara Falls, Ont.

The Toronto Power Company is receiving bids for an extension, of cut stone, to be made to its power house at Niagara Falls, Ont. Bids for equipment will be called for later.

The Burwill Works, Ltd., Brockville, Ont., manufacturers of cream separators, are erecting a factory addition.

The Cossitt Company, Brockville, Ont., manufacturer of scales, etc., is erecting a two-story addition to its plant.

Western Canada

WINNIPEG, MAN., October 28, 1911.

The Western coal strike which has lasted from early in April is now ended, as the result of the mediation of the new Minister of the Interior. It had a dragging effect upon industry, especially in the Far West, the lead smelters in Southern British Columbia being forced to close, and the silver-lead mines being likewise put out of operation. A strike that has been in progress for a fortnight in the West is that of the machinists in the shops of the Grand Trunk Pacific Railway Company. The general conditions of trade and industry in that part of the country are, however, excellent.

Tenders are to be called shortly for the supplying of gate valves for the water system of Point Grey, B. C.

The Canadian Pacific Railway Company is preparing to electrify the Rossland-Trail section of its line in British Columbia.

T. J. S. Skinner, Calgary, Alberta, will erect a large block there, to cost $500,000.

Up to November 15 tenders will be received by W. D. Spence, City Clerk, Calgary, Alberta, for the supplying of materials for street railway.

The City Commissioners of Saskatoon, Sask., will receive tenders up to November 17 for the furnishing and erecting of the superstructure over the Nineteenth street subway.

Up to December 15 tenders will be received by J. W. Bradley, Secretary-Treasurer of Neepawa, Man., for equipment and material for water works and sewage disposal plant.

The Agutter?Griswold Company, a large manufacturer of steel boxes, switch and panel boards and other electrical apparatus, proposes to start a factory in Vancouver, B. C.

G. M. Gibbs, Vancouver, B. C., is planning for the establishment of a rolling mill plant on the Fraser River.

The Massey-Harris Company, manufacturer of farm implements and machinery, Toronto, will erect a large warehouse at Swift Current, Sask.

It is stated that the Powell River Paper Company, whose head office is in Vancouver, B. C., will spend $1,000,000 to add to the capacity of its new plant on Powell River. It has already expended $2,500,000 on works and equipment.

The North Battleford Mfg. Company, North Battleford, Sask., is about to enlarge its plant.

The town of Vermilion, Alberta, has awarded the contract for the construction of its electric power house to Ferrell & Walker.

In the municipal elections of January the ratepayers of Vancouver, B. C., will be asked to approve money by-laws authorizing the raising and expenditure of $2,000,000. Of this sum $550,000 will be for a bridge across False Creek.

The Canada Iron Corporation will add to its works at Fort William, Ont., a gas-producing plant to facilitate the drying of the molds used in pipe making.

The Riverside Lumber Company, Calgary, Alberta, is about to erect a box factory as an addition to its plant. It is stated that the factory will employ about 100 men.

The Keizer Brick Machine & Mfg. Company has been formed in Winnipeg, with a capital stock of $200,000. The directors are Mayor Evans, J. W. Horne, D. A. Keizer, J. B. Stephens and H. A. Lightcap. Mr. Keizer is the inventor of the machine, which has a capacity of 21,600 pressed bricks per hour.

The Saskatchewan Bridge & Iron Company, Ltd., has been incorporated at Moose Jaw, Sask., with a capital stock of $250,000. It is practically a reorganization of the Moose Jaw Machine Company, Ltd.

Hoyme & Co. contemplate establishing a paint manufacturing plant at Camrose, Alberta.

The Hamilton Steel Company has secured options on a large waterfront site at New Westminster, B. C., for industrial purposes.

The planing mill and machinery of the Dryden Timber & Power Company, at Dryden, Ont., was burned October 20. Only a few days ago the ratepayers there passed by-laws granting certain privileges to the company, including exemption from taxation for ten years, and the fixing of the school assessment at $60,000 for ten years. A large pulp mill is being erected.