

of improvement work will be undertaken.

The Fostoria & Fremont Ry. Co., J. W. S. Reigle, Chief Engineer, Findlay, O., is to make preliminary surveys for an extension of its electric railway from Fremont to Port Clinton. Two routes probably will be surveyed, one by way of Oak Harbor and the other direct to Port Clinton.

Oklahoma.

The Muskogee & Missouri Pacific R. R. Co. has filed its charter and proposes the construction of a 12-mile line from Muskogee to a point 2 miles north of Fort Gibson to a connection with the Missouri Pacific Ry. C. N. Haskell, Muskogee, Okla., is interested.

Oregon.

Advices from Astoria, Ore., state that a new logging railroad is to be built in Clatsop County, from a point near Gearhart Park to a point as far east as the Lewis & Clark River. Olson Bros., Seaside, Ore., have the contract for the work.

Pennsylvania.

Curtis & Shumway, Inc., Lynchburg, Va., have been awarded contract for the Catauqua extension of the Lehigh & New England Ry. The line will run from near Bath, Pa., to Catauqua, Pa., about 6 miles. The contractors will sub-let some steam shovel work and 2,000 cu. yds. of concrete.

Brocklehurst & Potter Co., 517 Howard Bldg., Providence, R. I., has been awarded the contract for constructing the Chartiers Southern R. R., a subsidiary of the Pennsylvania R. R. This road is to be about 20 miles long and will extend from Emman to Marianna, Pa.

A project is being promoted by E. C. Hall, Orbisonia, Pa., W. M. Comerer, Burnt Cabins, and George C. Fraker, Fort Littleton, to construct a railroad through the lumber country of Fulton County.

The Board of Directors of the Commercial Exchange, Philadelphia, Pa., has adopted resolutions favoring the immediate abolition of the grade crossings of South Philadelphia, a question which has been a cause of agitation among the city authorities and the railroads for several months, by the substitution of an extension of the Belt Line R. R. along the entire river fronts of the Delaware and Schuylkill Rivers. In connection with the Board of Trade the Commercial Exchange is co-trustee of 51 per cent of the capital stock of the Philadelphia Belt Line R. R. Co. The resolution states that the Exchange considers it proper and its duty under the trust it holds in perpetuity for the city, that the officials of the Belt Line and municipal authorities be notified that it believes the projected improvements in South Philadelphia, which have been the subject of recent conferences of city, railroad and Belt Line officials, should be finished as an extension of the Belt Line Co.

Utah.

The Salt Lake & Utah Interurban Ry. has grading and track laying under way in Provo. Grading work has also been started in the Jordan Narrows, and the contract for grading from that place to Lehi was to be let at once. W. C. Orem, Salt Lake City, is President.

South Carolina.

The South Carolina Western Ry., W. R. Bonsal, President, Hamlet, N. C., is reported to be ready to extend its line from Florence to Poston as soon as the right of way is donated.

Construction work on the Orangeburg Railway, a short line between Orangeburg and the city of North, a distance of 18 miles, is practically completed and the line will be in operation within a short time. William C. Wolfe of Orangeburg, S. C., promoted the project.

South Dakota.

The South Dakota Central Ry., G. W. McArthur, General Manager, Sioux Falls, S. Dak., is reported to be contemplating the construction of an extension from Watertown to Hankinson, N. Dak., a distance of 125 miles.

Tennessee.

The Memphis & Lake View Ry. Co. has been incorporated with a capital stock of \$50,000. The incorporators being T. H. Tutwiller, Memphis; L. E. Wright and L. P. Niles. This is probably a reorganization of the Lake View Traction Co.

The West Tennessee Traction Co., B. G. Sargent, General Manager, Southern Express Bldg., Memphis, Tenn., projecting an electric railway from Memphis, via Brownsville, to Jackson, Tenn., is reported to have completed preliminary work between Memphis and Arlington, and will, it is stated, let contracts on the first section some time next month. Engineering work on the section east of Arlington is now under way.

Texas.

The Wichita Falls Traction Co., Wichita Falls, Tex., is to construct a 2-mile extension at Wichita Falls.

A project is under consideration for an interurban line to connect Johnson City and Stonewall. John Kinney, Johnson City, Tex., is interested.

Grading work has been started at Tule Lake for the construction of the San Antonio, Uvalde & Gulf R. R. from Mathis to Corpus Christi. E. R. Breaker, Pleasanton, Tex., is Chief Engineer of the railway.

The National Railways of Mexico, Jas. M. Reid, Chief Engineer, City of Mexico, is contemplating a number of improvements for the division between Laredo and Corpus Christi. It is probable that the line will be extended from Corpus Christi to Port Aransas, 30 miles, to secure a deepwater outlet on the Texas Coast.

It has been announced by A. Courchesne, who promoted the construction of a line from El Paso to Artesia, N. Mex., that the Frisco will probably build a short line over the route surveyed by his engineers.

L. E. Walker, President of the Middle Buster R. R., which projects a line from Quanah to Rockport, has announced that it is expected to have the grading work well advanced within the next month. The survey of that portion of the line between Graham and Seymour was recently finished and the route between Graham and Strawn is now being located. Liberal bonuses have been raised in aid of the project at many points along the route.

Officials of the Southern Pacific are inspecting the property of the state railroad between Rusk and Palestine, Texas, a distance of 30 miles, with a view of submitting a proposition to purchase it. The Governor has requested the Railroad Commission to prepare a profile of the railroad and Engineer Parker of the commission is at work on the same.

Vermont.

Plans for the new union station at Burlington, Vt., to be erected by the Central Vermont Ry., G. C. Jones, Vice President, St. Albans, Vt., and the Rutland R. R., have been agreed upon. The estimated cost is about \$180,000, this including the building and track improvement work.

Virginia.

The Lyndhurst Lumber Corporation is constructing a 9-mile lumber road from the Norfolk & Western R. R. at Lipscomb to the lumber tracks in the Blue Ridge Mountains. Harrison Ball, Mahoney City, Pa., is interested.

Bids were opened on May 20 by the Virginia-Carolina R. R., P. W. Early, Chief Engineer, Abingdon, Va., for a 40-mile extension from Green Cove Creek to Jefferson and Todd, N. C. This is the work mentioned in our May 7 issue on which bids were to have been opened May 5.

The New River, Holston & Western Ry. opened bids on May 20 for a 15-mile extension from Rocky Gap to Sutton. P. W. Early, Abingdon, Va., is Chief Engineer.

Washington.

John Dahlgren, St. Paul, Minn., has been awarded a contract by the Great Northern Ry. for widening of the roadbed and straight-

ening of the track in Tumwater canyon from Leavenworth to Chiwaukum.

Final surveys are under way for the 37-mile line to be built between Helsing Junction and Raymond for the Puget Sound & Willapa Rv. Co., a subsidiary of the Chicago, Milwaukee & St. Paul Ry. From Raymond to tidewater the new line will use the tracks of the Pacific & Eastern, a logging road. The 37 miles of line, however, run through a heavily timbered country and will require some expensive construction. Offices have been opened at Raymond, Wash., with C. H. Byers as Chief Engineer.

The General Electric Co. and the Westinghouse Co. are now working on estimates for the electrification work on 450 miles of line on the Puget Sound Division of the Chicago, Milwaukee & St. Paul Ry. It will probably be sometime before bids are asked on the work. It is probable that the electrification work will cost about \$8,000 per mile.

West Virginia.

Charles E. Price is reported to have been awarded a contract for constructing a 14-mile line for the Virginia Ry. to a connection with the Norfolk & Western Ry. in the New River Valley. H. Fernstrom, Norfolk, Va., is Chief Engineer of the Virginia Ry.

The Baltimore & Ohio R. R. is reported to have taken over the survey rights of the Long Fork R. R. and it is stated that a new extension running 28 miles from Huntington, W. Va., up to the left fork of Beaver Creek, will be built.

The Grafton, Fairmont & Clarksburg Traction Co., George R. Kirk, President, Grafton, W. Va., is reported to be planning to let contracts at once for the construction of the section of the line from Grafton to Pruntytown. The company projects a line to connect Fairmont, Grafton and Clarksburg.

Wisconsin.

Alex McGavock, Black River Falls, Wis., has been awarded 3 miles of work on the construction of the Fairchild & Northeastern Ry. from its present terminus at Emmet, Wis. Mr. McGavock intends doing the work with a steam shovel; there is also some nice team work on the line.

Delays in the courts in street valuation proceedings are holding up the commencement of work on the south side track elevation and separation of grades at Milwaukee. It is hoped, however, that the proceedings will be cleaned up soon so that work can be started. The Chicago, Milwaukee & St. Paul R. R. and the Chicago & North Western Ry. will elevate their tracks from Greenfield Ave. north to the Milwaukee River. The total cost will be nearly \$2,000,000.

Canada.

The Atlin Ry. Co. is to apply to parliament at the next session for an act to incorporate a company with power to construct a railway, commencing at a point on the southern end of Atlin, at or near the town of Atlin, and following a generally southerly direction to a point on the Taku River, where it intersects the international boundary, and also from a point on the line easterly to the southern end of Teslin Lake in British Columbia.

Application is to be made to parliament at the next session for an act to incorporate a company under the name of the Naas Valley & Northern Ry. Co., with power to construct a railway commencing at a point at or near the mouth of the Naas river and following in a general direction along the valley of the Naas river to the Stickeen river, and onward northerly, following the shore of Teslin Lake to the junction of the Yukon territory.

The Portage Development Co., William Richardson, President, Portage la Prairie, Man., is reported to have received an application from a Liverpool, England, concern to purchase the franchise for building the Portage Radial Ry.

The Taber Transit Co., V. O. Eastland, Chief Engineer, Calgary, Alberta, will let contracts in the near future for the construction of a railroad from Taber, Alberta, north to coal mines at Retlaw and Bow City.