

cently purchased extensive rice land in Arkansas. As a result, the information bureau of the National Stock Yards says, the sale of mules during the week was much larger than usual, Evans and Dean having purchased a large number.

General Manager L. C. Haynes of the East St. Louis & Suburban Ry. made a tour of inspection of the Alton street car lines last week. Mr. Haynes rode over the lines with other officers of the company, and stated that an appropriation of \$50,000 had been made to rebuild the Alton lines this summer. Representatives of the Piasa Light & Power Co. announced enough signatures had been obtained to guarantee that the company would be able to erect its lines on every street in Alton. The average was 66 per cent of the property frontage on each street. The City Council will hold a special meeting to give first reading to the franchise ordinance for the Piasa Light & Power Company. Haynes said he believed J. J. Cummings of Chicago was financing the new company.

#### Montana.

©The Chicago, Milwaukee & Puget Sound Ry. has awarded the contracts for constructing its line from Great Falls to Lewistown, Mont. Winston Bros. Co., Globe Bldg., Minneapolis, Minn., secured the contract for the west end of the line, the work including 2,000,000 cu. yds. of excavation, of which about 500,000 cu. yds. is rock, and Twohy Bros., Portland, Ore., secured the east end, their contract involving 2,500,000 cu. yds. of excavation, of which 1,000,000 cu. yds. is rock. There are a number of tunnels in both sections.

#### Nebraska.

Citizens of Bethany, Neb., have organized a company with a capital stock of \$25,000, and propose to build a street car line from that place to the State farm.

#### New York.

✦Bids are being received by Gabriel Bros. Construction Co., Holley, N. Y., for 60,000 cu. yds. of earth excavation and 18,000 cu. yds. of concrete, located 20 miles west of Rochester, N. Y., on the New York Central Railroad.

©W. H. Gahagan, Brooklyn, N. Y., has been awarded the contract for the reconstruction of about 6,000 ft. of the Manhattan Beach Division of the Long Island R. R. in East New York. The work will include a 4-tube tunnel about 3,500 ft. long and an embankment from Granite St. to the Brooklyn Borough line.

The Public Service Commission of the First District, New York City, has ordered drawings and plans for the proposed 2-mile tunnel to be built under New York Bay to place Staten Island on New York City's rapid transit map and provide a through line to be used by steam railroads for passenger and freight traffic.

Board of Trustees of Freeport (L. I.), N. Y., have granted a franchise to the Freeport Ry. Co., a local corporation, for a street surface railway, which will begin at Grove St. and Olive Boulevard, run south to Front St. and thence westward to the dock of the Great South Bay Ferry Co., which is operated and controlled by the directors of the traction company.

The Public Service Commission for the First District of New York City has laid out the rapid transit route for the extension of the new Seventh Avenue Subway, to be operated by the Interborough Rapid Transit Company, to Brooklyn. The new route will leave the proposed Seventh Avenue Subway in West Broadway at Murray St., will curve into Park Place and run through Park Place to and under Broadway and then under the Post Office Building to Beekman St., and through Beekman St. to William St., through William St. to Old Slip and through Old Slip to and under the East River to Clark St., Brooklyn; through Clark St. to Fulton St., and through Fulton St. to a junction with the existing subway at or near Borough Hall.

This completes the laying out of routes for the Interborough's part of the proposed dual system, with the exception of a short link in Lexington Av., providing for the junction of the existing subway with the Lexington Avenue Subway. The point of junction has not yet been agreed upon, but it will be in Lexington Av. some place between 32d and 42d Sts. The only other route for the dual system remaining to be laid out is the proposed tunnel line to Staten Island, which will be connected with the Fourth Avenue Subway in Brooklyn, and operated as a part of the Brooklyn Rapid Transit System.

The Public Service Commission has sent to Senator O'Gorman at Washington the draft of a bill which he will introduce in Congress, giving the City of New York permission to build the proposed subway for the Interborough's Brooklyn tunnel under the Post Office Building at Broadway and Mail Street. This property is owned by the National Government, and while it is possible for the city now to get a revocable permit from the Secretary of the Treasury, there is no way of obtaining a permanent right. The Commission's counsel has advised that a permanent right should be obtained, and therefore the bill sent to Senator O'Gorman was prepared. This bill, if passed, will authorize the Secretary of the Treasury to grant the City of New York a permanent right of way for the proposed subway under the Federal Building.

#### North Dakota.

The Great Northern Ry. has plans under consideration for the construction of a line 400 miles long starting from a point on the New Rockford-Williston line in North Dakota, a little west of New Rockford, through North Dakota into Montana and thence west to Lewiston. The new road will give the Great Northern an alternative transcontinental road and will alleviate the necessity of double-tracking the main line through Montana. A. H. Hoagland, St. Paul, Minn., is Chief Engineer.

#### Ohio

The Pittsburgh & Lake Erie R. R., W. A. Atwood, Chief Engineer, Pittsburgh, Pa., has taken bids for constructing two sections of its subsidiary line, the Lake Erie & Eastern. Contracts for the middle section of this work have been awarded to Culbertson Bros., Cleveland, O.; McKelvy Hine Co., Pittsburgh, Pa., and the Duquesne Contracting Co., Pittsburgh, Pa., as previously noted.

There is a report, which cannot be confirmed at this time, that an appropriation of \$5,000,000 is to be spent for rejuvenating the Detroit, Toledo & Ironton R. R. G. K. Lowell, Detroit, Mich., is Receiver.

Right of way is being secured for the proposed electric railway from Mansfield to Canal Dover, through Millersburg and Holmes County. W. D. Todd and James W. Wiggins of Warren, Pa., are interested.

It is rumored that the Pennsylvania R. R. is contemplating making a number of important changes in the Cincinnati terminal of the Cincinnati, Lebanon & Northern R. R. During the past several years the Pennsylvania R. R. Co., which owns and controls the Cincinnati, Lebanon & Northern, has been quietly acquiring property adjacent to the terminal of the latter line in Cincinnati, with a view to enlarging the yards and otherwise improving the terminal facilities. It is understood that a number of buildings now on the property, which has been acquired by the Pennsylvania R. R., and which lies adjacent to the C. L. & N. terminals, are to be razed shortly. It is also said that the C. L. & N. depot and other buildings on the terminal will be torn down and modern buildings erected in their stead. It is understood the contract for this work is about to be let.

#### Oklahoma.

The town of Cheyenne, Okla., is to hold an election shortly to vote on issuing bonds for the construction of a railroad to connect the town with the Clinton & Oklahoma Western. A local company will be organized to

build the line 5 miles due east from Cheyenne, tapping the Clinton & Oklahoma Western south of Strong City. H. D. Cox and J. W. Cooper of Cheyenne are interested.

A Citizens' Booster Club is being organized at Beaver, Okla., to give a bonus of \$15,000 to the first railroad crossing the south side of Beaver County. G. Y. Oglvie is President of the club.

The promoters of the Ardmore, Duncan & Lawton Ry. Co. are reported to have signed contracts with New York parties for financing the road. It is stated that the money will be forthcoming for the immediate completion of the line from Lawton to Ardmore. Jake L. Harmon, Lawton, Okla., is President.

#### Oregon.

©Porter & Conley, Portland, Ore., and the Oregon Pile Driving Co., Portland, have subcontracts from Twohy Bros., Portland, for work on the latter's contract for constructing a short line from Salem, Ore., to Fir, Ore., connecting two parallel lines of the Southern Pacific. The general contract, which was noted some time ago in these columns, includes 150,000 cu. yds. earth excavation and 2,500 lin. ft. of pile and timber bridges.

The Portland, Nehalem & Sea Coast Ry. Co. has been incorporated with a capital stock of \$750,000, and proposes to build a railroad from Portland to Astoria. This is believed to be a Southern Pacific project. The incorporators are J. A. Jackson, C. E. Wightman and W. O. McCarthy.

Officials of the Oregon-Washington Railroad & Navigation Co., and City Engineer Tom Hurlburt, Portland, Ore., are preparing plans for the lowering of the tracks in Sullivan Gulch from East 28th st. to the city limits, eliminating all grade crossings. The work will include the construction of a viaduct at Sandy Road crossing estimated to cost \$53,573.

#### Pennsylvania.

©Swanson Bros., Rockwood, Pa., as noted in our last issue, have been awarded the contract for constructing double track between Rockwood and Garrett, Pa., for the Connellsville & State Line R. R. The contract includes 250,000 cu. yds. earth excavation and 500 cu. yds. concrete masonry. None of the work is to be sub-let.

O'Connor & Madigan, who have the contract for grading the West Penn cut-off near the McClure works at Swedetown, Pa., have started work.

Business Men's Association of Chester, Pa., has taken up a project for the construction of a trolley line northward, touching Knowlton, Llanwellan, Rockdale, Lenni, Crozerville, Glen Riddle, Wawa, Glen Mills and other small localities. The line would tap a district but eight miles from Chester, in which from six to seven thousand people reside.

#### Rhode Island.

Actual construction work has been started at Woonsocket, R. I., on the line of the Southern New England Railroad from Palmer, Mass., to Providence, R. I. As mentioned in the May 15 issue of "Engineering & Contracting," the O'Brien Construction Co., 576 Morris Park ave., New York City, was awarded the contract for grading and masonry work on the Rhode Island section of the line, and John Marsch, 105 S. La Salle st., Chicago, Ill., was given the Massachusetts section.

#### Texas.

©The Houston & Texas Central R. R. has awarded the contract for the construction of the 5-mile section from Giddings eastward, to P. M. Johnston & Son, 620 Binz Bldg., Houston.

©Karner Bros. & Co., Dallas, Tex., have the contract for grading for the terminals to be built by the Katy in Waco.

Officials of the St. Louis, Brownsville & Mexico (Frisco System) recently held a conference with interested citizens of Victoria, Texas, concerning an extension of the line from Keyser, a station on the Port O'Connor branch, 5 miles below Bloomington, to Austwell, Refugio County, on San Antonio Bay, a