

amount at the lower end, the surplus being diverted for use *en route*. The water is taken from the Teton river and Deep creek, at a point near the mountains above Choteau, and is carried by this canal across the Teton basin. It discharges itself into Big Muddy creek, near Freeze-out station, on the Sun river and Choteau road. The water uses the channel of this creek down to the head of Lake creek, and is there diverted into Big lake, near Lake station on the Benton road. This lake will be used as a reservoir, and when completed, will form a body of water ten miles square, with an average depth of twenty-five feet. From here the water will be carried by numerous small ditches, upon the extensive lands below. Only a small portion of the land under this system is yet taken up, and the company want to see it all settled upon. There is an immense quantity of it, which, in quality, can not be surpassed for agricultural purposes. The company's object is to furnish water to irrigate this land, and they will do this at a low rental. Settlers are coming in rapidly, and there is a demand for all the water the company has to rent. But they will have a large surplus as soon as the tunnel and cut, which form the outlet to the lakes, are completed.

NEW RAILROADS IN MONTANA.—In all probability the present year will witness great activity in railroad construction in Montana. The lines projected and under survey are numerous, and as nearly all of them are, practically, extensions or branches of trunk lines, the necessary capital for their construction is probably at hand. Governor Hauser, in a recent interview, made the following positive statements:

"As for general railroad building in Montana, it is my opinion that as much as \$10,000,000.00

will be expended in construction work during the coming year. Since I have been away I have made contracts for the extension of the Boulder valley road to within five or six miles of Butte, and it will be built into Butte as fast as possible. In a few days contracts will be let on the Helena & Northern to Marysville, and a little later to the coal fields on the Dearborn. The articles of incorporation of that company permit building to the Canadian line, and it is practically a settled fact that the road will be completed to Fort Benton before construction closes. Branches will also be built from Drummond to Phillipsburg and from Missoula up the Bitter Root during the coming year. All these plans are settled and will be carried out without any shadow of doubt. I saw several of the directors of the Union Pacific railroad, and from them learned that their company will certainly build from Butte to Helena, next summer, and that they will also build other branches in the territory in 1887. The Manitoba extension and the Montana Central will keep on work, and altogether the sum named is no excessive estimate for operations next year."

Two new companies have recently been incorporated. The Missoula & Bitter Root Valley Railroad Co., and the Drummond & Phillipsburg Railroad have both been organized by Governor Hauser and other capitalists of Montana, to construct feeders for the Northern Pacific. The former proposes to construct a line from Missoula up Bitter Root valley, with several branches to reach various sections of southwestern Montana. The line of the latter company will diverge from the Northern Pacific at Drummond, and will run up Flint and Camp creeks to Phillipsburg, and up Douglas creek to Granite.

Thoughts and Facts for Women.

What an enlargement of the horizon bounding woman's plane of action the last century has witnessed! Once, "To knit and sew, to pray to God, and to love man" made up the sum of life's possibilities and duties for the mothers of all mankind; but now, how changed, her sphere! To-day the circumference of her world is almost, if not quite, as large as that of her brother; and while each retains its special characteristics, hers offers almost as many possibilities and opportunities as his. To point out these wider possibilities, to suggest modes and

avenues of activity, to bring to the attention of the sex a multitude of thoughts, ideas and facts, useful, instructive and entertaining, will be the province of that portion of *THE WEST SHOWS* over which is placed the heading, "Thoughts and Facts for Women." As the materialized world is the crystallized thoughts of the Creator, so, in a great part, woman's world, whose center is the home and whose circumference is as large as humanity, is the product of her materialized thoughts. It will be the aim of this department to focalize here the thoughts of women