

Railroads

MILWAUKEE FORMS COTTON COMBINE

COLORADO & SOUTHERN PROJECTS NORTHERN EXTENSION.

Traffic Deal Between Two Lines When Built Will Give Shortest Route Between Texas and Orient—Hill Roads Will Have to Divide Business with Rival.

Special to The Journal. Butte, Mont., July 20.—Present indications are that when the Milwaukee road is completed west thru Montana, it will be tapped shortly afterwards by the Colorado & Southern from the south at some point between Billings and the Yellowstone park.

The Colorado & Southern will have, within a few weeks, its own line to within fifty miles of Galveston, and the line intersecting the Milwaukee in Montana will give it almost a thru line from the gulf to Puget sound, and make perhaps the shortest route from the cotton fields of Texas to the orient.

Hill Roads Lose.

Within the last few months it has been figured out that the extension of the Burlington northward thru Wyoming to a connection at Billings with the new Great Northern lines being built between Billings and Great Falls was for the purpose of giving the Hill roads the shortest haul on cotton. The present reports concerning the Colorado & Southern, which appears to be based upon good authority, would indicate that the Hill deal, which contemplated the use of the Colorado & Southern southward from Denver, had not been successfully carried thru.

Locate New Line.

For some time there has been a party of Colorado & Southern engineers working northward from Orin Junction, Wyo., the present northern terminus of the road. The party is in charge of Engineer Worrall, and at present is in Montana somewhere between the Rosebud agency and the National park. It is understood that Engineer Worrall will be ready to make his report concerning the preliminary survey during the latter part of August or the early part of September.

JOLT FOR ST. PETER

Alphabet Road Also Passes That Town By for Good. Special to The Journal. Albert Lea, Minn., July 20.—Mr. Tobie, head of the Duluth, St. Cloud, Glencoe & Mankato road, makes the announcement that the "Alphabet" will touch neither Mankato nor St. Peter. He says that the Minnesota river crossing has been selected, but that he is not yet ready to announce its location. He also denies positively that the new road had been sold to the Milwaukee or to any other line, and says that people might as well be convinced that the "Alphabet" is an independent line, with a purpose in view and

a field to occupy which it proposes to occupy. Contracts for ties and steel for delivery Sept. 15, Mr. Tobie says, have been let and eastern shops have contracts for the locomotives for the new line. About fifty miles of the road will be open for traffic this fall and winter, and contracts will be let this vicinity of Stockton, it makes a fill north.

DOUBLE TRACKS GO 80 MILES

Northern Pacific Spends Millions East of Moorhead.

Special to The Journal. Fergus Falls, Minn., July 20.—The double-tracking of the Northern Pacific road across the eastern part of Otter Tail county and the southern part of Grand county, and the Fergus Falls men who have just returned from the scene of operations give interesting descriptions of the work that is being done.

The statement that the company is constructing a double track conveys no idea of the magnitude of the work. Instead of following the present line, the company has acquired a new right of way along a considerable portion of the route, and is cutting thru hills, eliminating curves and making enormous fills.

At Lake Park it cuts thru a hill and puts in an overhead bridge. In the vicinity of Stockton, it makes a fill across a valley seven miles in length. A gigantic trestle has been built across this valley, and sufficient dirt is being dumped underneath to fill up to the level of the rails. In some cases the new tracks will be as high as the tops of the present ones.

GIVES UP SIOUX CITY

President Stickney Says Construction Is Too Expensive for G. W.

Special to The Journal. Sioux City, July 20.—In a dispatch from Washington, President A. B. Stickney of the Great Western road, is quoted as follows: "We have given up building the projected Sioux City line, tho' it was dropped with much reluctance. The reason was the big expense of construction. It would have been one of the most costly pieces of road in Iowa or the middle west, more expensive than the Omaha line, and that cost \$60,000 a mile."

EAGER FOR TAX

Marshalltown Likely to Vote Aid to Trolley Company.

Special to The Journal. Marshalltown, Iowa, July 20.—Hamilton Browne of Chicago, who is promoting the new interurban from this city to Ferguson, to connect with the Mil-

City News

PAPER DEALERS COME NEXT WEEK

MINNEAPOLIS, ST. PAUL AND DULUTH ACT AS HOSTS.

Outside of Duluth, Dredge Business Sessions, There Will Not Be a Minute When There Is Not Something Doing—Time of Their Lives Is Promised.

Seventy-five prominent paper men, the head men of the largest paper jobbing houses of the country, will be in Minneapolis next week for the semi-annual meeting of the National Paper Trade association as the guests of the Northwestern Paper Dealers' association. Delegates will be in attendance from all over the United States from New York to Denver and from Minneapolis as far south as Louisville.

Look Over the Route. Miles City, Mont., July 20.—President E. D. Sewall of the Milwaukee road in Montana, Townsite Agent J. Q. Adams, Construction Engineer Baker and Division Engineer Powrie have started for a trip over the route. Messrs. Sewall, Adams and Baker will cover the route to the Dakota line.

GIRLS FLEE FROM FLAMES

Workers in Kansas City Millinery Store Have Narrow Escape.

Kansas City, July 20.—The six-story brick building, corner of Tenth street and Broadway, owned and occupied by the Frankel-Frank Wholesale Millinery company, was partially destroyed by fire. The entire stock of millinery was destroyed. Loss \$200,000; insurance, \$100,000.

CLUBBED BY A MANIA.

Kankakee, Ill., July 20.—George R. Blevans, an attendant at the Eastern Illinois Hospital for the Insane, lies at the point of death as a result of an assault made on him by a patient, Andrew Schieblich, with a bludgeon five feet long and three inches in diameter. Blevans was seated at his desk when Schieblich slipped behind him and dealt him several terrific blows on the head.

Low Excursion Rates.

The Minneapolis & St. Louis railroad has on sale daily round-trip excursion tickets to the following points: Albany, N. Y., \$39.50; Boston, Mass., \$31.00; Windsor, Ont. (Detroit, Mich.), 19.75; Halifax, N. S., 50.80; Montreal, Quebec, 29.50; Portland, Me., 31.00; Quebec, Quebec, 32.50; Saratoga, N. Y., 29.50; Springfield, Mass., 31.00; Syracuse, N. Y., 29.50; Toronto, Ont., 29.50; Troy, N. Y., 29.50. Final return limit, Sept. 30, 1906. Denver, Colorado Springs and Pueblo, \$27.40; Ogden and Salt Lake, Utah, 40.40; Limit, Oct. 31, 1906. Hot Springs, Ark., \$30.00. Limit, thirty days. Correspondingly low rates to other eastern and western resorts. For tickets and full information call on J. G. Rickel, city ticket agent, 424 Nicollet avenue.

OLD FIGHTERS TO MEET

THIRD MINNESOTA, 100 STRONG, WILL CAMP IN CENTRAL HIGH SCHOOL BUILDING.

The Third infantry association, composed of survivors of the Third Minnesota volunteer infantry, will hold a reunion in Minneapolis encampment week that promises to be one of the most pleasing of the many affairs of the sort that are planned. Major W. D. Hale, secretary of the association, has been making arrangements for the reunion and is planning for more than 100 members.

PLAYS WAGNER TONIGHT

Duss Prepares a Wagner-American Program for Wonderland.

There was a fine audience at the Duss band concert at Wonderland park last evening, in which it was noticed that there were many prominent musicians of the twin cities. The enthusiasm led to so many encores that the program was more than doubled in length. Tonight's program will be one of the most notable of the series, introducing several soloists, who have not before been heard and including the works of Wagner and American composers, with the exception of encore numbers.

FRIDAY WILL BE MINNEAPOLIS DAY

Friday will be Minneapolis day, the Minneapolis dealers are planning to keep something doing all the time. Automobiles will be ready at every hour for runs about the city. In the afternoon there will be a short trip about the lake, followed by dinner probably at the Lafayette club. A grand fishing trip to some of the famous resorts along the Great Northern or Soo is planned for Saturday and will be a glorious finale to the three days' meet—if the fish will only bite.

Fishing and Camping Rates to Madison Lake, Waterville and Elystan, Minn., via Chicago Great Western Railway.

For parties of ten or more one fare and one-third for the round trip, good for ten days. Tickets on sale daily until Sept. 30. For further information apply to R. H. Heard, General Agent, corner Nicollet avenue and Fifth street, Minneapolis.

CUNNINGHAM BOUND OVER

HEAD OF NORTH AMERICAN LAND COMPANY MUST ANSWER CHARGES OF FRAUD.

W. C. Cunningham of the North American Land company has been held under \$1,500 bonds to appear before the federal jury in October on the charge of using the United States mails with intent to defraud. Cunningham was given a hearing yesterday and United States Commissioner Howard S. Abbott decided that the evidence was strong enough to hold him to the grand jury. Cunningham advertised extensively as a land agent, offering to sell any lands listed with him, and charged an advance of \$5 for listing the property. His mail became so large that it attracted the attention of the postal authorities and his scheme was investigated. A short time ago Cunningham consented to have all his mail stamped "refused" and returned to the sender in preference to having a fraud order issued against him.

ON JOURNAL PUBLICITY

Increase of Architect's Business Compels Office Expansion.

Glenn L. Saxton, the architect, has taken a large suite of offices on the second floor of the new Security Bank building and will soon be established there with an amplified staff of helpers. A little more than a year ago, Mr. Saxton was not particularly busy in an architectural way. Then he made an arrangement with The Journal whereby he supplied every week the plans and description of a moderate-priced house, which have been regular features of the home-building page from the first. Thru the publicity he gained as the author of these plans he has built up a tremendous business, which now demands much larger offices, more help and longer hours. Orders have come to Mr. Saxton from all over the country, and while he has specialized on residences of moderate price, he is also being employed to design some elaborate and costly structures. Aside from the testimonial to his ability indicated in the progress of the past year, Mr. Saxton's success is significant of the rapidity with which Minneapolis and the northwest are building up and the intimate way in which Journal publicity reaches every part of its territory.

TEXAS AND LOUISIANA, \$27.50.

Tickets on sale via the Minneapolis & St. Louis railroad from Minneapolis to Galveston, Houston, San Antonio, Beaumont and Port Arthur, Texas, New Orleans and Lake Charles, La. Dates of sale first and third Tuesdays of each month, limited to 30 days. Liberal stop-over privileges. Rates equally low to points in the west and southwest. For full particulars call on J. G. Rickel, city ticket agent, 424 Nicollet avenue.

ENGINE WELDING IS QUICKLY DONE

ST. LOUIS ROAD TRIES GERMAN METHOD.

Use of Thermit in Repairing Fracture of Frame Reduces Time—Locomotive Is Laid Up to Three Days, Saving Much Labor and Service of Machine. An interesting and unusual surgical operation today at the Cedar Lake shops of the St. Louis road was the instantaneous welding of a fractured right frame of freight engine No. 62 with thermit. Thermit is the invention of Dr. Hans Goldschmidt of Germany and its use reduces the loss of time of a locomotive in the repair shop from two weeks to three days, and produces as effective results as if the engine were dismantled for the operation after the old method.

How Thermit Works.

Thermit is a secret powder which is mixed with iron punchings, poured into a crucible, set off with a flash powder that accompanies the thermit, and then the instantly melted metal is run into a brick mold about the fractured wrought iron, which measured 8 by 4 inches in size. The actual welding takes thirty seconds, and not over a minute is consumed after the mixed powder is poured into the crucible until it is cooling in the fracture. The whiteness of the molten metal approaches that of snow and the fluid is so intensely hot that it must be used carefully. The heat is represented by 6,700 British thermal units.

Comparison of Cost.

Formerly when the roundhouse inspector discovered a fracture, it was necessary to take out the frame and weld it. By the new method, the removal of the driving rods over the frame is all the dismantling that has to be done. Beside the cost of the labor of the old way, about \$200, the earning power of the locomotive, lost during the two weeks that it was out of commission, under the old way, is saved. It is expected to deliver No. 62 to the operating department within seventy-two hours of the time it was declared out of commission.

Something of a Show.

While the thermit operation is simple, it is decidedly spectacular when the blazing metal begins to run. First, the fracture ends are separated from a sixteenth to an eighth of an inch; the fire brick mold is built; the whole is heated for a long time, to drive out the moisture; fifty pounds of the thermit, costing 25 cents a pound, mixed with the iron punchings, is heated over an iron plate and then it is ready for the crucible.

Low Rates to Winnipeg, Account Industrial Exposition, July 23d to 28th.

The Great Northern Railway will sell round-trip tickets to Winnipeg from St. Paul and Minneapolis for \$13.25, July 21st to 26th inclusive, with final return limit July 30th. W. D. Jones, City Passenger and Ticket Agent, corner 3d and Nicollet, Minneapolis, Minn.

THE BELLMAN

The New Weekly Paper.

Unless already engaged from the publishers, copies of The Bellman can only be obtained at the News Stands and Bookstores; the first edition being now entirely exhausted



OUT SATURDAY

ON SALE AT

THE BOOKSTORES

AND

NEWS STANDS.