



John Deere Disc Cultivator

We have just received a carload of Cultivators, Sulky Listers, Plows and Harrows. These are all of the famous John Deere make. Our line is most complete and our prices are right. We invite your inspection at any time.

The Ryan Vehicle and Machinery Company 134 East Washington St. Phone 744

RESOLUTION NO. 191

A resolution of the Commission of the City of Phoenix declaring their intention to improve certain portions of Fourth Street, in the City of Phoenix, and determining that bonds shall be issued to represent the costs and expenses thereof and declaring the work or improvement to be of more than local or ordinary public benefit and that the costs and expenses of said work or improvement shall be assessed upon a certain district and providing that the proposed work or improvement shall be performed under the provisions of Title VII, Chapter XIII, Revised Statutes of Arizona, 1913, Civil Code, and amendments thereto.

SECTION 1. That the public interest and convenience require and that it is the intention of the Commission of the City of Phoenix to order the following work to be performed to-wit:

1. That the roadway of Fourth Street from the north line of Washington Street to the south line of Roosevelt Street (excepting the intersection of Adams Street which is now paved and excepting from the north line of Polk Street to a point one hundred and ten (110) feet south of the south line of Polk Street and excepting also that portion now occupied by the tracks of the Phoenix Street Railway Company and two (2) feet on the outside of each rail as shown on the plans hereinafter referred to) and including the intersection of all streets, (except Adams and Polk Streets) alleys, private drives and approaches thereto and including also such portions of intersecting streets, alleys and private drives as is necessary to form an easy approach to the pavement hereinafter described to be graded and paved with bitulithic with 3/4 inch bituminous concrete base, bitulithic with 1/2 inch bituminous concrete base, "Toka" Asphalt concrete with cement concrete base, National Cement Concrete, "Bitulithic" Tarva filled Macadam, Asphalt concrete with bituminous concrete base or Dolmaray as may be hereafter determined.

2. That a combined cement concrete curb and gutter be constructed along both sides of the roadway of Fourth Street, from the north line of Washington Street to the south line of Roosevelt Street excepting at the intersection of streets, alleys, private drives and approaches thereto and excepting along both sides of the roadway of Fourth Street from the north line of Polk Street to a point one hundred and ten (110) feet south of the south line of Polk Street.

3. That a combined cement concrete curb and gutter be constructed along the edges of the roadway at the intersection of the following streets with Fourth Street: The south side of Van Buren Street. Both sides of Taylor, Fillmore, McKinley and Garfield Streets.

4. That a cement concrete gutter be constructed across the intersection of all alleys, private drives and approaches thereto and along the edges of the roadway at the following street intersections with Fourth Street: Monroe, Pierce and the north side of Van Buren Street.

5. That corrugated iron pipe of the size and location be laid as follows: Twelve (12) inches in diameter across the roadway of Garfield Street on the west side of Fourth Street. Across the roadway of McKinley Street on the north side of McKinley Street. Across the roadway of Fillmore Street on the west side of Fourth Street. Across the roadway of Fourth Street on the north side of Van Buren Street. Across the roadway of Fourth Street on the north side of the alley between Washington and Adams Streets.

6. That corrugated iron pipe of the size to fit the aforementioned corrugated iron pipe be laid from the standpipes and corrugated iron pipe to a point six (6) feet back of property line and under cross walks as shown on the plans hereinafter referred to.

7. That cement concrete pipe of the size to fit the aforementioned corrugated iron pipe be laid from the standpipes and corrugated iron pipe to a point six (6) feet back of property line and under cross walks as shown on the plans hereinafter referred to.

8. That a stormwater manhole be constructed on Fourth Street at Monroe, Van Buren, Pierce and McKinley Streets.

9. That gutter inlets be constructed to receive drainage water at the following locations on Fourth Street: Monroe Street four (4), Van Buren Street two (2), Pierce Street four (4), McKinley Street two (2), and that said gutter inlets be connected to stormwater manholes with the size of cement concrete pipe as shown on the plans hereinafter referred to.

10. That the roadways of the intersecting streets, alleys and private drives be graded from the edge of the aforementioned pavement not to exceed ten (10) per cent until it meets the original surface. All of the above work or improvement to be performed in accordance with that certain set of plans approved and adopted by the Commission of the City of Phoenix on the 14th day of July, 1916, and on file in the office of the City Engineer in Book Three (3) of Street Improvement Plans on Pages 209 to 223 inclusive and in further accordance with the following specifications: Standard Specifications of the City of Phoenix Numbers 19, 22, 24 and 28.

11. That the roadway of Fourth Street from the north line of Washington Street to the south line of Roosevelt Street excepting at the intersection of streets, alleys, private drives and approaches thereto and excepting along both sides of the roadway of Fourth Street from the north line of Polk Street to a point one hundred and ten (110) feet south of the south line of Polk Street.

12. That a cement concrete curb and gutter be constructed across the intersection of all alleys, private drives and approaches thereto and along the edges of the roadway at the following street intersections with Fourth Street: Monroe, Pierce and the north side of Van Buren Street.

13. That corrugated iron pipe of the size and location be laid as follows: Twelve (12) inches in diameter across the roadway of Garfield Street on the west side of Fourth Street. Across the roadway of McKinley Street on the north side of McKinley Street. Across the roadway of Fillmore Street on the west side of Fourth Street. Across the roadway of Fourth Street on the north side of Van Buren Street. Across the roadway of Fourth Street on the north side of the alley between Washington and Adams Streets.

14. That corrugated iron pipe of the size to fit the aforementioned corrugated iron pipe be laid from the standpipes and corrugated iron pipe to a point six (6) feet back of property line and under cross walks as shown on the plans hereinafter referred to.

ARIZONA HAS WORLD BACKED FOR MINING

That Arizona has more possibilities for the coming and present generation, particularly with regard to mining in all its branches, is the belief of Frank L. Sizer, consulting mining engineer of San Francisco and prominent in his profession all over the country. Sizer is on a tour of examination in Southern Arizona and is spending a couple of days in Bisbee and Douglas meeting some old friends and the Bisbee Review.

"Of all the states in the west," declared the visitor, "Arizona appears to have more potent possibilities than all of the balance. It is a mighty good state to tie to for the young man who is looking toward a future. The present price of the metals will be adjusted by the law of supply and demand in due time. That process will not affect the development of the state, in my opinion. It will merely place it upon a more solid basis."

The visiting mining man at one time was the consulting engineer for Senator W. A. Clark, the owner of the United Verde. He was located in Butte and is known all over the west. Last year, for a number of months, he was in charge of the mining operations at the Mascot, near Dos Cabezas. On the present trip he has visited the Vulture at Wickenburg and a property at Chloride. Before returning to San Francisco he will go to Ruby, in Santa Cruz county, where he will make an examination of a lead-zinc-silver property for a California mining syndicate.

Hire a little salesman at The Republican office. A Want Ad will see more customers than you can.

The stockholders of The Phoenix Company are hereby notified that the annual stockholders' meeting of the Company will be held at the Company's office at Phoenix, Arizona, on Monday July 24, 1916, at 11 o'clock A. M. in the office of the Southwest Securities and Investment Company, Room 2, Monahan Building, Phoenix, Arizona, for the purpose of electing directors and such other business as may be brought before said meeting.

HARRY A. JAMISON, President. R. HARVEY FENTON, Secretary.

School District Number 1, Maricopa County, Arizona. Lots 8, 10 and the north ninety-four and five-tenths (94.5) feet of Lots 2, 4 and 6, Block 52, and a portion of Block 93, all lying in the Original Townsite of Phoenix and owned by the United States of America.

All of Block 76 Original Townsite of Phoenix owned by Maricopa County, Arizona. Which certain premises shall be omitted on the assessment hereafter to be made to cover the cost and expenses of said work or improvement and the total costs and expenses of said work or improvement shall be assessed upon the remaining lots or parcels of land lying within the said assessment districts as provided for in Title VII, Chapter XIII, Revised Statutes of Arizona, 1913, Civil Code, and amendments thereto.

GOLD ROAD MINERS ON SECOND STRIKE

(Special Correspondence) GOLD ROAD, July 16.—The Gold Road mine and mill employing one hundred men shut down today, a strike having been called by the Miners' union brought about a rather complicated situation.

This is the second strike at the Gold Road mine in less than two months. The former strike was over a question of hours. This was adjusted by Manager Muir who accepted the miners' terms but would not recognize the union.

He explained at that time that the United States Smelting & Refining Co., the controlling owners of the Gold Road mine would not permit him to recognize a union.

Following the settlement with the miners work was resumed on a contracting basis. The scale for machine men in this district employed by the companies direct is \$4.50 per day, but for contractors it is one dollar more.

A man by the name of Watson secured the contract for the work in a certain stop and just recently he left Gold Road to take up a contract at the mine working under Watson. They were offered \$4.19 per day in settlement when they demanded \$5.50.

The situation is quite complicated. Whether the company is liable for the amount paid by the contractor remains to be proven. It is contended, however, that they are liable for the regular scale of \$4.50 a day.

The miners' union here held a special meeting today and a committee was dispatched to Gold Road to consult with Manager Muir. He discussed the issues quite freely but he expressed no desire to accept the union's demands nor compromise.

He stated to the union officials that he cannot recognize and will not. The only work permitted by the union is at the ice plant, the power plant to furnish the lights, the pumping plant and a man to feed the mules that are kept underground.

The mill is closed tighter than a drum. The men are hanging around idly, there is no excitement of any kind.

RICH ORE BODY IS UNCOVERED IN NORTH MARICOPA GOLD HOLE

A phenomenal uncovering of a rich ore body was made yesterday on the property of the North Maricopa Gold Mining Company seventeen miles northwest of Phoenix and assayed by F. W. Libbey at \$139.20 a ton.

This value appears in a sixteen-inch vein, which is an integral part of a thirty-six inch ledge. All of the ledge matter pans free gold. Mine Foreman McCulloch is now cross-cutting what is originally believed to be a foot-wall and there is every indication that this is merely a small "horse" and that the ore body continues beyond it. Even the gangue of the "horse" pans gold. Several new

shafts are being added to the force and work is being rushed daily. The shaft is now unwatered and the ledge in both the tunnel and shaft shows very strong and regular, and the muck pans freely. It is concluded by all hands that the regularity and values of the ore is beyond question.

Technical Engineer Strickland who reported on this property thirty years ago and who is now in personal charge, refuses to become excited but merely smiles, and says: "Look at my old note book of long ago and permit me to say, 'I told you so.'"

Samples of this ore are on exhibition in one of the windows of the Vic Hanny store.

accepted, were in fair demand and Tolaccas augmented recent substantial advances.

Total sales amounted to 455,900 shares. Bonds failed to keep pace with the stock list. Total sales, par value, aggregated \$2,435,000.

United States bonds were unchanged.

CHICAGO GRAIN CHICAGO, July 19.—Wheat prices showed weakness today, influenced largely by declining quotations at Liverpool and by renewed hints of a chance for peace. The market closed nervous, a shade to 1/2 cent lower with September at \$1.12 1/2 and December at \$1.15 1/2.

UNITED EASTERN IS BUILDING NEW MILL

(Special Correspondence) GATMAN, July 18.—With fifty men at work on the new mill for the United Eastern, great headway is being made and it now appears that the mill will be working on ore about the middle of November.

A number of parts are on the ground, the sections having arrived from Kingman early in the week. The Eastern mill which will be a Marcy outfit will be without stamps or plates. This character of reduction plant will be the first of its kind in this section.

A Marcy mill is built along the lines of a tube mill with the exception that it takes rock directly from the crusher. For the crushing chrome steel balls are used instead of pebbles.

Dorr machinery will be used and the Merrill filter precipitating presses will be an added feature. A. L. Wertenwiler, of Los Angeles, the noted mill expert has complete charge of the building of the mill and it is his plan to have it modern in every respect.

It is the general expression here that the United Eastern has over \$12,000,000 ore blocked out. This is a conservative figure. Some have placed the figure at \$15,000,000 and some have gone as far as to say \$20,000,000. Be it as it may they have over \$10,000,000 ore in sight right now. On the dump there is better than \$3,000,000.

Those in charge of the erection of the mill say that the daily capacity will be 200 tons. The value of the ore as opened up in the mine will average about \$30 per ton. These figures are based on the assays given out from time to time.

It don't take much figuring to prove that according to these figures the company will be in a position to put out better than \$150,000 bullion per month.

This will place the United Eastern in line as one of the biggest producers in the country.

Water Situation "In the air." With the granting of a letter of convenience by the Arizona corporation commission to V. S. Rowley and associates, the next step is to "get the water."

SECTION 2. That the gutter inlets be constructed to receive drainage water at the following locations on Fourth Street: Monroe Street four (4), Van Buren Street two (2), Pierce Street four (4), McKinley Street two (2), and that said gutter inlets be connected to stormwater manholes with the size of cement concrete pipe as shown on the plans hereinafter referred to.

SECTION 3. That the roadway of the intersecting streets, alleys and private drives be graded from the edge of the aforementioned pavement not to exceed ten (10) per cent until it meets the original surface.

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SHALLOW ORE FOUND IN THE COPPER BASIN

Shaft sinking by the Arizona-Portland Mines Co. in Copper Basin, has proven an attractive ore condition at a depth of 70 feet, and samples brought to the city yesterday by Manager O. W. Bickelstaff substantiate reports made by him of determining the extent of the ordinary says the Journal-Miner. The product carries gray copper, as well as copper glance shown, the full 2 1/2-foot ore body averaging at least 10 per cent in the red metal. Mr. Bickelstaff states that this discovery was made in a central claim of the group, and not in the zones where churn drilling had been given, the new location being set back from surface indications, which are now verified as warranting practical mining.

GROOM TAKES OVER SUNNYSIDE CLAIMS

The Sunnyside group of gold mines 11 miles southeast of Prescott, Arizona, has been taken over under option by H. A. Groom, of Phoenix, who plans to begin operating soon. This group was discovered in the early 80's by Enoch Williams and a considerable amount of ore taken out and treated by an arrastra. Williams also did placer work in the gulches leading to the vein of the group. A tunnel, 282 feet long, is already on the property, extending about 40 feet below the surface at a depth where the sulphide zone begins. The Sunnyside vein is traceable on the surface for about a mile, and Groom is confident that it extends to great depth.

FINANCES and MARKETS

(Republican A. P. Leased Wire) NEW YORK, July 19. (Wall Street) Stocks displayed pronounced recuperative power today specialties of almost all descriptions, particularly those under recent severe pressure, scoring average gains of 2 to 3 points with greater advances in the more volatile issues. The rise was brought about by a combination of favorable circumstances which included well defined reports of forthcoming war contracts.

The apparent success of the new French loan, in which dealings on the "when issued" basis were made in the open market and the weekly reviews of steel trade authorities which referred to increasing tonnage of exports, exercised a sentimental influence. Local money conditions reflected former ease, both as to call and time accommodations.

Obviously advances in the stock list were made largely at expense of an over confident bear element which had extended its operations to the point where any reversal might prove disastrous. Speculations of urgent covering of short contracts were frequent during the session. Munitions and equipments like Bethlehem and Crucible Steels, the locomotives, railway steel springs, American Car, Pressed Steel Car and the Motors and their accessories contributed to the breadth to the breadth of the trading.

KANSAS CITY PRODUCE

KANSAS CITY, July 19.—Poultry, butter and eggs, unchanged.

CHICAGO PRODUCE

CHICAGO, July 19.—Butter unchanged. Eggs receipts, 18,164 cases; unchanged.

METAL EXCHANGE

NEW YORK, July 19.—The metal exchange quotes lead, \$6.40 asked. Spelter firm, spot East St. Louis delivered, 9 1/2.

NEW YORK STOCK LIST

Table listing various stocks and their prices, including American Beet Sugar, American Can, American Locomotive, etc.

KANSAS CITY WHEAT

KANSAS CITY, July 19.—Cash wheat No. 2 hard, \$1.07 1/2 @ 1.10; No. 2 red, \$1.06 1/2 @ 1.09; No. 2 white, \$1.06 @ 1.08; No. 2 mixed, \$1.05 1/2 @ 1.07; No. 2 yellow, \$1.05 @ 1.07; No. 2 light, \$1.04 1/2 @ 1.06; No. 2 dark, \$1.04 @ 1.06.

LIVESTOCK

CHICAGO, July 19.—Hogs receipts, 24,000; market firm at yesterday's average. Bulk, \$9.50 @ 10.00; mixed, rough, \$9.20 @ 9.50; heavy, \$9.20 @ 9.50; light, \$9.20 @ 9.50.

AT KANSAS CITY

KANSAS CITY, July 19.—Hogs receipts, 19,000; market steady. Bulk, \$9.50 @ 9.85; heavy, \$9.80 @ 9.90; light, \$9.50 @ 9.80.

AT DENVER

DENVER, July 19.—Cattle receipts, 400; market slow. Beef steers, \$6.50 @ 6.80; cows and heifers, \$5.50 @ 6.50; stockers and feeders, \$6.00 @ 6.50; calves, \$8.00 @ 11.00.

LONDON WOOL AUCTION

LONDON, July 19.—A moderate selection amounting to 8,200 bales was offered at the wool auction sales today. The demand was quieter owing to dear money, and prices were occasionally in buyers' favor, except for the finest clips which were firm.

NEW YORK MONEY

NEW YORK, July 19.—Mercantile paper, 4 1/2. Bar silver, 61 3/4. Mexican dollar, 48. Government bonds, steady; railroad bonds, irregular.

COPPER, ETC.

NEW YORK, July 19.—Copper unsettled; Electrolytic, \$24.00 @ 26.00. Iron steady and unchanged. Metal exchange quotes tin quiet and easy; spot, \$36.75 @ 37.50.

NEW YORK COTTON

NEW YORK, July 19.—The cotton market after a net rise of 2 to 3 points gradually sagged off until at the close which was lowest for the day, the list showed a net loss of 10 to 14 points. Spot cotton quiet, middling uplands, \$12.50; sales none.

LIVERPOOL COTTON

LIVERPOOL, July 19.—Cotton, spot

BUY SOUTH CORNELIA At 75c Per Share

The property of the South Cornelia Copper Mining Company straddles the great ore zone running through the Ajo district. The wonderful surface showing and the small capitalization make it one of the best buys on the market at 75 cents per share. No matter how many investments you may have do not neglect an opportunity to get some of these shares. The South Cornelia shows every evidence of being the largest high grade copper property in the Ajo district and the shares should repeat the phenomenal value of the United Verde Extension as the development progresses. All orders for this stock should be mailed promptly and be accompanied by bank draft or Post Office Money Order payable to J. Donald Mitchell, President South Cornelia Copper Mining Company, Ajo, Ariz.