

Sherman Avenue Projects to Be Completed Soon

Improvements Expected to Make Street One of Most Traveled Thoroughfares in Omaha.

That portion of North Sherman street and Sherman avenue improvement projects which is to be completed in 1922 will be finished in 14 or 15 days, Commissioner Koutsky stated.

The improvements include new street car tracks from Farmington street to Sherman avenue, new sidewalks, new and re-surfaced paving from Douglas street to Binney.

The commissioner said similar improvements will be made on Sherman avenue next year from Binney street to the north end of the public works payment, which is beyond Commercial avenue and northwest on Commercial avenue from Sherman to Ames avenue and Florence boulevard.

These improvements include the change of the Sherman avenue car line from 16th and 17th streets to 16th and 17th streets between Cum and Clark streets. The paving and re-surfacing work is being finished now, and the work on the street car tracks is completed.

"After this work is finished," Mr. Koutsky said, "I look for North Sherman and Sherman avenue to be one of the most traveled thoroughfares in the city, because it will give a good and direct route to the entire north and northwest districts direct from the center of the retail district."

"The new paving also will make this a fast drive. It is to be a good place for catching speeders."

In addition to these street improvements, the lower end of Grace street storm sewer is being enlarged to relieve the drainage system of the district. Work on the Ames avenue between Twenty-fourth and Twenty-sixth streets.

This sewer will be an open ditch from Eleventh street east to the river. This work is now being extended from the river to Fifteenth street. The intention according to Koutsky is to bring the en-

Prehistoric Americans Found in Cave



Wayne County Cave and Prehistoric Skeletons.

Proof that America was inhabited thousands of years before the discovery by Columbus has been found in the Hines Cave, Wayne county, Kentucky, by scientists of the University of Kentucky. A succession of ash banks at various levels indicate that the cave was occupied by Indians in differing stages of civilization. Near the ash banks were found axes, pipes, needles and skinning knives. Eight or nine skeletons were found, all being buried with the knees doubled up and heads turned to one side, as was the Indian custom. Folded in the arms of one woman was the skeleton of her baby. The skeleton here shown had an arrow head in it, probably the cause of death.

Expert to Aid in Changes to City Zoning Ordinance

At the suggestion of the mayor and city commissioner, the planning board has arranged to bring to Omaha within the next two weeks Harland Bartholomew, city planning engineer, who drafted a major portion of Omaha's zoning ordinance.

Mr. Bartholomew will come to assist in drawing a few amendments to the present zoning law, reviewed by city attorney Van Dusen and Building Inspector Edgewood.

The city council, the planning

Realtor Would Capitalize "Home" in Real Estate Ads

E. A. Benson, veteran realtor, next week will ask the Real Estate board to adopt a resolution binding all members of the board to capitalize the initial letter of the word "Home," when using that word in letters, advertisements or other literature.

Mr. Benson's resolution will be: "Whereas, Home is the biggest secular word in all the world, and next to

the appellation of the Deity is best entitled to the initial capital.

"Therefore, be it resolved that the initial capital be used wherever the word Home appears in letters, advertisements and literature put out by members of this board."

A copy of the resolution has been sent to all Omaha realtors advising them that a vote will be asked on it at the board's meeting this week.

The bones of 350 Chinese who have died in New England were recently shipped to Hongkong. Some of the have been in casket since 1859.

Real Estate Sales

Humans.
C. S. Hibbard to H. W. Conner, 6127 Evans street, \$4,250.
C. H. Clayton to W. D. Nelson, Fifty-ninth between Phipps and Evans streets, \$4,500.

North Side.
Caswell Realty company to P. G. Mitchell, 2418 North Twenty-fourth street, \$4,500.
Mauda P. Clark to C. W. Wiegley, 4129 North Eighteenth street, \$1,000.
Anhouwer-Bloch to E. M. Slater, southeast corner Thirtieth and Fort streets, \$2,700.
Marie Christensen to R. A. Heller, 5229 North Twenty-fifth street, \$7,000.

Northwest.
Therese M. Giesbert to Mary M. Beck, 2515 North Forty-eighth street, \$1,410.
C. S. Hibbard to Helen M. Matras, 377-tenth and Military avenue, \$7,250.
Temple McFadyen to Jeanette Hays, 2128 North Forty-eighth avenue, \$4,125.

South.
Lottie G. Pickens to Laura B. Cope, 111 North Fifteenth street, \$17,000.
T. G. Collins to W. E. Gates, 4011 Leard street, \$9,900.
Grace H. Edgar to Calla B. Wood, 914 North Fifteenth street, \$5,900.

Central.
David Gerber to George Whitbeck, 611 North Seventeenth street, \$16,500.
Basket Store company to Harman Vinger, Ninth between Jones and Leary streets, \$12,141.
Albert Fridman to W. L. Masterman, 1409-11 Harvey street, \$18,000.
Bertha C. Best to E. H. Henschel, 421 North Thirty-first street, \$5,250.
Anna L. Murphy to Mary Beta, 2428 North Twenty-fifth street, \$5,900.
C. E. Rooney to Alfo Garatto, 1707-9-11 California street, \$11,800.

Missouri.
C. W. Martin to E. H. Stevens, Van street, between Missouri avenue and Twenty-eighth street, \$5,500.
Oscar Olson to Nana L. Colwell, 2444 Van street, \$2,000.
Oscar Olson to Joppe Jensen, Van street, between Jones and Twenty-fifth streets, \$6,775.
C. W. Martin to E. V. Ticknor, 246 Ida street, \$2,000.
Joseph Langfeller to Elizabeth Kirkland, 2741 Humans street, \$10,000.
Easp. Bros. to A. A. Lamoreaux, 2576 Newport avenue, \$4,000.

South Omaha.
Helen M. Matras to C. S. Hibbard, 1218-9 Marquette avenue, \$4,000.
Clara Kramer to Michael Hirschmann,

C. of C. Sends Out 10,000 Posters in Spud Drive

People Urged to Buy by Bushel to Save Money and Provide Market for Big Crop.

Ten thousand posters urging people to buy and consume more potatoes are being sent out by the Chamber of Commerce in an effort to help farmers of this territory to market the enormous crop of spuds.

"We are sending these to commercial organizations, posting them in railway stations and many other public places and sending them out through wholesale houses to their dealers," said J. M. Gillan.

"We urge people to buy potatoes by the bushel. They get them far cheaper that way than if they buy by the peck. A bushel of potatoes costs only 10 to 60 cents retail now. People should buy five or six bushels. They will keep well in the cellar or other cool place.

"If everybody would do this the potato now stored on the farm and in commission houses would move out, the people would get a cheap food and everybody would benefit. We urge also that people buy potatoes raised in Nebraska, Wyoming, western Iowa, that is, in Omaha territory."

Meyer, thin and bedraggled, walked from Coblenz to Moscow since last May, dreaming nightly of the glorious reception awaiting such a noble deed.

publishers food and shelter John Feeney, a farmer of Clough, Tipperary, was shot in his kitchen before his wife and family.

RADIO FANS

You may secure all your Radio accessories from our Radio department.

Jack Mattern

(9-A. S. O.), who is in charge, is more than glad to be of service to all who are in need of expert advice on Radio matters.

Call or Write Radio Department—Fourth Floor Burgess-Nash Company "Everybody's Store"

Man Refuses Food; Shot.

Dublin, Nov. 15.—Because he refused to give a flying column of re-

Golf Course in Sahara.

Cairo, Nov. 18.—Playing 18 holes across the Sahara is a unique experience awaiting American golf enthusiasts who visit Egypt this winter.

At Maadi the sporting club has laid out one of the most extraordinary golf courses in the world. In the afternoon with the sun in the west, when the temperature is in the 10th hole, the player has before him a limitless vista of desert beauty with seven pyramids silhouetted against the blue Egyptian sky, the Nile in the distance.

Make It a Greater Radio Christmas

This year the message of Christmas will flash over all lands and to all peoples—no frontier can turn back the swift message, Radio, whose speed keeps pace with light. The gift of all gifts will be a Radio Set, the gift that will mean most to every member of the family, old and young. Radio brings it—day or night—superb concerts and dance music, important addresses, vaudeville, world weather, stock and grain reports. Here is a new world of information, education and inspiration.



RADIO SALE

In order to concentrate on certain radio lines for which we have been appointed local selling agents, we are discontinuing certain conflicting lines of radio parts and supplies.

All these items are reduced in price to move them and those figuring on buying such supplies will save money.

The items in the sales are variometers, variocouplers, variable condensers, fixed phone and grid condensers, headsets, phonetron and vacubud detector and amplifier tubes, sockets, rheostats, binding posts, contact points, contact switch levers, loud speakers, a few crystal and vacuum tube sets, and other items.

This is your chance to get good Radio parts cheap!

RADIO APPARATUS CO.

312 South Eighteenth Street Omaha, Neb.

RADIO!

THE MODERN ALADDIN

Engineer Explains Amplification

Radio Expert Elucidates Audio and Radio Frequency.

Radio frequency amplification is regarded at present as the most interesting subject connected with radio telephony. Charles Kilgour, radio engineer, makes the following explanation, which is very clear for the beginner:

"Everyone knows the purpose of the ordinary two stage amplifier is to make louder the sound as originally received through the detector tube or crystal. This amplifier makes any audible signal louder; therefore it is called an audio frequency amplifier.

"The extremely weak electrical alternating currents induced in the antenna circuit of the receiving set have a frequency far too high to produce an audible effect on the head phones. Broadcasting stations usually use the 360-meter wave length, which means that the current picked up has a frequency of more than 800,000 cycles per second. The lowest note of the piano or organ has about 16 beats or cycles per second, while the highest beats approximately 8,000 times per second.

"The high frequency current picked up from the broadcasting station is called a radio frequency current, because it is at this high frequency that the message is radiated through space. Combined with the radio frequency pulsation there is a low frequency vibration which is the part we wish to hear. The detector so alters the current that the high frequency part has no effect on the head phones while the low frequency part acts upon them, causing them to give out an audible note. This is called rectification.

"Understanding this, it is apparent the name indicates that a radio frequency amplifier does its work before the detector had acted. It is inserted in the set between the tuner and de-

tor. As in the case of the audio frequency amplifier, a vacuum tube with its proper circuits is used to strengthen the electrical current. In this case, however, this is accomplished before the current has been rectified by the detector. One stage of radio frequency amplification will not have as great an effect on the output as a single stage audio frequency amplifier of proper design, but it has several advantages.

Detector tubes fail to rectify very weak signals, so there is nothing for the audio frequency amplifiers to do with, no matter how efficient they may be. A properly designed radio frequency amplifier, however, will strengthen these weak signals to such an extent that the detector will do its work properly and the audio of radio frequency amplification will sound better out in the head phones or loud speaker. Properly designed radio frequency amplifiers are very successful and open a new field of enjoyment for those who "listen in."

A. Hospe & Co.
Open Radio Department.
A. Hospe & Co. have recently installed a complete Radio department and will carry a complete line of the "Zenith" long distance Radio apparatus. They will also carry a full line of Radio parts and equipment.

Radio Apparatus Co.
Move to 312 South 18th.
The Radio Apparatus Co. have moved into new quarters at 312 South 18th. They have installed modern steel fixtures and will have one of the most complete Radio shops in the city. Their business has grown very rapidly and they state the interest in Radio is constantly growing.

RADIO "DON'TS"
Don't buy a crystal receiver and expect to receive long distance.
Don't buy a set without a guarantee as to what it will accomplish.
Don't buy a complete tube set for less than \$100 and expect it to get best results.
Don't expect perfect results from any set until you get acquainted with it.
Don't strive for extreme loudness until you have secured quality.
Don't try to tune in on a loud speaker, you will miss half of them if you do.
Don't lose your patience. Results will come.

INGERSOLL MORSE CO.
Radio Sets for Coast-to-Coast Reception
2412 Cuming Street AT lantic 9749

AT LAST

A Guaranteed, Non-Burn-Out Electric Iron--

THE DOMANCO

will not burn out if left with the current on. This is a wonderful improvement. You cannot lose.

AND THE PRICE IS RIGHT

\$5.00

Wolfe Electric Co.
313 South 17th Street AT lantic 1414

Radio Set Free

One Colin B. Kennedy Type 110 Receiver with a Type 525 Amplifier, value \$335.00, to a man, woman, child or school in each town.

This long wave Universal Receiver is without a doubt the best piece of Radio apparatus made and will receive signals, music, etc., from anywhere in the universe on any wave length from 170 to 25,000 meters.

Drop a card to the O-B Radio Company and we will explain how to procure this set free.

Remler Accessories, Cunningham Vacuum Tubes, Stromberg-Carlson Head Phones.

O-B Radio Company
1730 St. Mary's Ave., Flatiron Hotel Bldg., Omaha, Neb.
AT lantic 0643



Bring the Opera, Concerts, Vaudeville, News, Etc., to Your Own Drawing Room

Some of the country's greatest artists from the opera and the vaudeville stage are performing for the radio fans. ARE YOU GETTING THE BENEFIT OF IT?

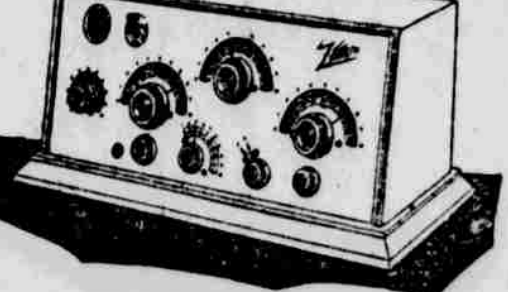
A complete installation for \$150, on which we will guarantee satisfactory long distance performance, including Los Angeles, Cal., Atlanta, Ga., and dozens of others.

We carry all the parts and supplies and can furnish the proper instruction to BUILD YOUR OWN. We will follow you through to RESULTS.

Let us install a set in your home—Your EAR TO BE THE JUDGE.

THE RADIO SHOP
FRANK S. SELBY, Mgr.
Authorized Dealer for Radio Corp. of America—Member Omaha Radio Ass'n
1506 Dodge Street JA clem 1484

Let Us Install a ZENITH Long Distance Radio IN YOUR HOME



Do you want to hear Grand Opera this season?

Chicago is now broadcasting its Grand Opera. You can hear it in your own home just as well as if you went to Chicago. You hear the wonderful orchestra, the singers—even the applause of the audience, if you have a

New Zenith Long Distance Receiving Set

You can put the children to sleep with bedtime stories from Kansas City, St. Louis or Minneapolis and then listen in to wonderful concerts and lectures from Pittsburgh, Pa., Atlanta, Ga., Denver, Colo., New Orleans, La. or Los Angeles, Cal.

We Absolutely Guarantee the Above

Let us explain the Zenith to you in detail and tell you how cheaply we can install a complete outfit in your home.

You don't have to be an electrician or expert to tune in with the Zenith.

Sold and Installed by **A. Hospe Co.** The Pioneer Music-House Omaha, Neb.

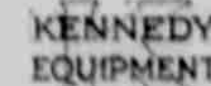
The Colin B. Kennedy Company Radio Apparatus of Quality

Programs from distant stations are now being heard nightly in Omaha. The most pleasing results are obtained where undesired signals and interference can be eliminated and the desired station brought in with sufficient strength.

QUALITY FEATURES

Sharp Tuning
Conservative Rating
High-Grade Material and Workmanship Throughout

Beauty of Appearance
High Selectivity
Minimum Loss of Energy
Appears Right, Performs Right and is Priced Right



Nebraska Power Co.

WE ARE authorized distributors for the Radio Corporation of America, the Magnavox Company and other manufacturers of **Quality Radio Apparatus.** We sell through established Radio dealers only.

We especially recommend the Westinghouse Aeriola Senior Receiving Set and the new Westinghouse Aeriola Senior Amplifier. This is proving a wonderfully popular combination and permits the use of the Magnavox Loud Speaker if desired.

The Westinghouse R. C. Receiving Set is running a close second in popularity and, while it is slightly higher in price than the Westinghouse Aeriola Senior and Amplifier, is a wonderfully efficient Receiving Set and well worth the money. We recommend it to those desiring something better. It, too, can be used with the Magnavox Loud Speaker if desired.

McGraw-Hill

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