67 E. Main St. 67 E. Main St.

THE
DOLLAR STORE

Sells The Same Goods For Less Money

Ladies' Spring Coats Reduced To Half Price

Men's Socks, 3 pair 25c

Clark's O. N. T. Cotton 3½c

Extra Heavy Sheeting 10c

Ladies' Silk Stockings 39c

Men's Summer Weight Shirts and Drawers 39c

Boys' & Girls' Union Suits Taped Seams, Extra Strong 49c

Men's Blue Work Shirts 49c

White Dresses
For Graduation, a Beautiful Line in Flat Crepe

Wonder Value $5.95 Wonder Value

Ladies', Misses', and Children's Shoes At Great Reductions

Men's Goodyear Welt Dress Oxfords $3.25
In Black and Tan, Guaranteed all Leather

The Season's Latest Styles in
Ladies' Hats $1.95
Wonder Value

Children's Oxfords $1.49
STRONG AND DURABLE

Boys' Blouses 49c

Boys' Crash Pants 69c

Ladies' Bloomers 49c
Ladies' Princess Slips 49c
Ladies' Gowns 49c
Ladies' Combination Suits 49c
Ladies' Union Suits 49c

Boys' $1.50 Grade Wash Suits 98c

Men's Munson Last Army Shoes, All Leather $2.25

Men's Panama Hats $1.95

The Store With The Little Prices

Open Evenings Till 9

Some folks worried about their bills, but the slow pay folks say it is always foolish to worry about things that can't be helped.

Many folks deny that they have saved no money, as they have saved no money, as they have saved a lot of it to pay for things on the instalment plan.

Not merely is the president taking to the hills for his vacation, but as usual many voters at the next election will take to the woods.

It is claimed that hogs can be made to pay, but no satisfactory way has yet been found for making the road hogs pay for the damage they do.

IN THIS RADIO AGE, WIRE IS NECESSARY TO OPERATION OF COMMUNICATION SYSTEMS

Now More Than 50,000,000 Miles of Wire Connect the 17,500,000 Telephones of the Bell System. About 6,500,000 Miles of Copper Wire Expected to be Used This Year



(Top photo, Henry Miller Photo Service)

Listening to Roxy and his gang over the radio is a popular pastime for fans in every section of the country. The stations broadcasting chain programs are dependent on telephone lines for such features.

Wireless and radio accomplishments are so featured in the day's news that many people have the idea that it will be only a matter of time when there will be no need for wires in the communication field; that all messages will soon be transmitted via wireless, overlooking the fact entirely that even radio programs, transatlantic radio telephone conversations and the transmission of pictures by radio are all dependent on the use of wire.

From every microphone, telephone or picture transmitting station, wires are necessary to the operation of the apparatus. In fact without wires there could be no broadcasting, no transatlantic telephone, and no transmission of radio pictures.

When broadcasting stations from coast-to-coast and lakes to gulf are on the air with a nation-wide program the stations are tied together by wires. Such features would not be possible without the use of wires and in this way telephone lines play an important part in present day achievements, even though they are much in the background.

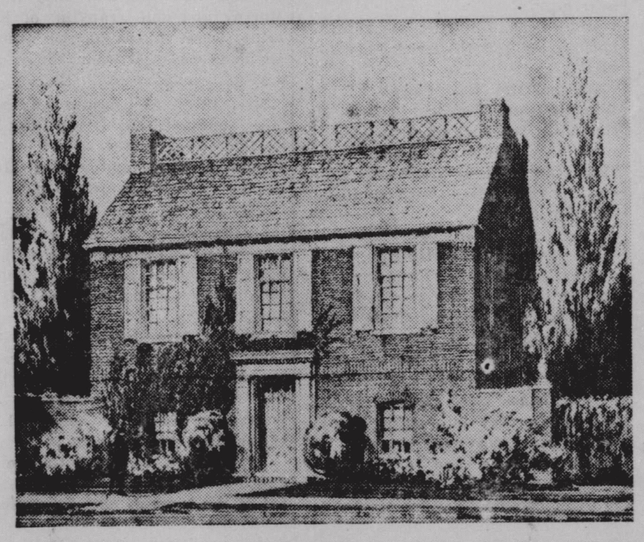
Wire is still a very neecssary part of the world's communication system. In the Bell System alone there are more than 50,000,000 miles of wire connecting over 17,500,000 telephones. The manufacturer of this very important part of telephone plant is one of the major jobs of the Hawthorne works of the Western Electric Company, where the greater part of the telephone apparatus used in this country is turned out.

Telephone companies are among the largest users of copper in the world. Most of this copper goes into wire. It is estimated that the Bell System will use about 6,500,000 miles of copper wire to meet the requirements for exchange and toll telephone growth this year. This does not include the requirements for apparatus.

The largest telephone line wire used is about one-sixth of an inch in diameter and the finest magnet wire is about the size of a human hair, but the system requires large amounts of practically all sizes. The problem of having so many sizes readily available in adequate amounts for routine work, as well as for emergencies, has been greatly simplified by a rod rolling and wire drawing mill for copper, recently set in operation at the Hawthorne plant. The annual output of the mill is about 42,000,000 pounds of all sizes of telephone wire.

NOVEL TYPE TELEPHONE BUILDING MEETS REQUIREMENTS OF RESIDENTIAL AREAS

In This Office Terminal Frames Will Be in Living Room; Storage Batteries in Dining Hall and Heating Plant in Kitchen



This building was designed by architects Voorhees, Gmelin and Walker. R. L. Olson, engineer of buildings, Chesapeake and Potomac Telephone Company supervised the construction.

A novel type telephone building is now being erected at Silver Spring, Md., by the Chesapeake and Potomac Telephone Company of Baltimore City.

The company's engineers, in looking for the proper wire center for the section to be served, found that the most suitable location was a residential neighborhood. Accordingly, the architects planned the telephone building so that the structure, with its surrounding grounds, from all outward appearances would look just like another one of the handsome residences in that section of Maryland.

The building will be brick and of colonial residence type. Upon entering the new exchange, the space which would ordinarily be taken by the living room will be used to house the terminal frames, cable racks, ringing machines and testing equipment—apparatus necessary to the operation of the central office. In the front where the dining room might be located in the average home is the room in which the engineers have located the huge storage battery tanks that furnish the energy for operating the telephones and switchboards. To the rear in place of the kitchen and pantry, will be found the heating plant.

Ascending the stairs from the entrance hallway one will enter the main operating room where will be located the switchboard from which the operators will establish daily the thousands of connections that will be made by the telephone users served by this section. Adjoining the operating room are attractive rest rooms provided for the convenience of the operating forces when not on duty. These rooms will be furnished with comfortable chairs, setees and reading facilities. There will also be lockers for the young women to care for their outer clothing when they are on duty at the switchboard.

TELEPHONE OFFICES IN U. S. NOW NUMBER 20,032

At the beginning of the present year there was a total of 17,746,168 telephones in the United States, so that by today the number is well over 18,000,000. Of the first total 12,816,252 were Bell stations, 4,758,000 were connecting stations with the Bell System and 171,916 were independent.

The Bell System is made up of the American Telephone and Telegraph Company and twenty-four large associated companies and connecting companies. The telephones connecting with the Bell System were operated by 9,162 companies, and in addition, there were 29,595 rural lines in the country, the stations of which are included in the connecting stations. The number of entirely independent companies comprised 490, so that there was a total of 9,677 telephone companies in the United States at the beginning of 1927.

These companies had a total of 20,032 central offices. Of these, 5,998 belonged to the Bell companies, 13,301 to the connecting companies, and 733 were independent.

During the year 1926 there were added to the Bell System 781,000 telephones, but in that time the actual number of installations made amounted to 3,800,000. In other words, one out of nearly every five telephones installed represents a new telephone, while the other installations are occasioned by renewals to new locations.

The telephone companies of the United States had an investment in plant and equipment of $3,300,000,000, this investment having increased about $265,000,000 during 1926. Of this figure the Bell System investment amounted to $2,832,243,517, while that of the connecting and non-connecting lines figures up to $467,756,483. The Bell System companies paid the sum of $69,688,202 for operating taxes during the year 1926.

TELEPHONES UNDERGO HARD SERVICE TEST



Engineer Testing Telephone Transmitters

The telephone lives a hard life. Even before it becomes a part of the nation's best known communication system each instrument has to undergo innumerable tests. The engineers in the department of development and research in the Bell Telephone Laboratories, New York, want to know that each of the 200 parts function properly and will give a dependable and satisfactory service to the telephone user.

One of the ways that the transmitter—that part of the telephone instrument into which the voice is spoken so that it is carried to the distant point clearly and distinctly—is tested, is to give it what the engineers call the "life test." In making this test hundreds of transmitters are mounted on specially constructed racks where the instruments undergo many hard knocks.

During the process of making the test the engineers attempt to put this piece of apparatus through every action that it will have to face when it is attached to one's telephone. Realizing that many impatient users of the telephone sometimes slam the receiver on the hook when they are through talking, the engineers in their research and development work simulate the jar that would come from this action. An electro magnet plunger operated at intervals so that the supporting rack is banged and shaken, giving the instruments the same kind of a jar that they would get when the receiver is banged up impatiently.

One may ask, "Why is it necessary to go to all of this trouble?" But the engineers do not consider it trouble, this is just one of the many experiments that are carried on to make better transmitters. And better transmitters, of course, mean better telephone service. Users can be understood more easily by the people to whom they talk and everyone is better satisfied, since science has taken a hand in improving telephone apparatus.

LARGEST EXPORT ORDER

The other day the largest export order for motor cars ever placed by telephone was consumated by an automobile company located at South Bend, Ind. Seated at his desk, the Vice-President of the company talked over the new transatlantic raido telephone with London and arranged for the delivery of 1,000 cars. This represented nearly $1,500,000 worth of business.

BOYD BATTERY COMPANY

THREAD-RUBBER Willard INSULATION

Generator and Starter Service
Tires and Tubes
Automobile Electrical Service

BOYD BATTERY COMPANY,
A. L. Boyd, Mgr.
Phone 158-J. Main and Court Sts.
Westminster, Md.
6-10-tf.

RECONDITIONED USED CARS AND TRUCKS

THE BEST VALUES WE HAVE EVER HAD

1925 Studebaker Std. Six Duplex Phaeton
1921 Chandler Touring.
1921 Ford Sedan
1923 Cleveland Coach.
1918 Ford Touring.
1926 Chrysler 70 Coach (two)
1½-Ton Republic Truck
1922 Maxwell Roadster.
1923 Light Six Studebaker Touring.
1923 Light Six Studebaker Touring.
1921 Light Six Studebaker Touring.
1922 Essex Coach.
1924 Essex Touring
1922 Liberty Roadster.

Don't miss any of these values.
Come in and look them over.
CHARLES W. KLEE,
Phone 286. at Railroad
Westminster, Md. 1-14-tf

Cottage For Sale

Modern 8-room Cottage. All city improvements. Cellar concreted, laundry tubs, concrete pavement to kitchen door. Located on Westmoreland avenue, Westminster.
FRANK T. SHAEFFER,
1-28-tf Westminster, Md.

WANTED

Second-hand bran and feed sacks, in good condition.
FARMERS' FERTILIZER & FEED COMPANY.
1-14-tf Westminster, Md.

MILLERS

Mr. and Mrs. Preston Bollinger, Baltimore, spent the week-end at the home of the latter's parents, Mr. and Mrs. Henry M. Miller.

Misses Flo McGee, Baltimore, and Ethel McGee, Alesia, spent several days with their brother-in-law and sister, Mr. and Mrs. Earl Hann.

A number of our people attended the carnival the past week held at Manchester.

Mr. and Mrs. Preston Snyder, Hampstead, spent Sunday at the home of Mr. and Mrs. S. H. Hare.

Maurice Rohrbaugh purchased a new sedan recently.

Mr. Everett Wareheim, Hanover, spent Sunday at the home of his father, Mr. Richard Wareheim.

Mr. and Mrs. LeRoy Krebs spent Sunday at the home of the former's parents, Mr. and Mrs. Harry Krebs, Middleton.

Children's Day services will be held at the church here the morning of June 26.

Mr. and Mrs. Harvey Wink, Baltimore, spent Sunday with Mr. and Mrs. Earl Hann.

Mr. and Mrs. Curtis Graf spent Sunday at the home of Mr. and Mrs. Harvey Shaffer.

LeRoy Miller, Baltimore, is spending several weeks with his grandparents, Mr. and Mrs. Theodore Miller.

If Flag day only came Monday, many would celebrate it by putting their wash out on the line.

The open roads are said to be beckoning to the motorists, and the ditches, trees, telephone poles, etc, along the roads are beckoning to some of them.

©Maryland State Archives, msa_sc2900_scm2320-0190