

# WHERE TO BUY IN DETROIT

## The Following Reliable Firms Solicit the Patronage of the People of Michigan. Courteous Attention, Prompt Service and a Welcome to All Visitors.

**BETTER ROADS**  
FEDERAL AID FOR HIGHWAYS  
Sum of \$211,335,278 Was Spent for Construction of 28,135 Miles of Roads.

(Prepared by the United States Department of Agriculture.)  
How the Government has employed federal aid funds for road building through the bureau of public roads, United States Department of Agriculture, among the various types of roads, is shown in a summary prepared by the department. The tabulation covers the expenditure of \$211,335,278 of federal aid funds from the beginning of the work when it was authorized by congress up to November 1, 1921, a period of four years four months. That sum was applied toward the construction of 28,135 miles of roads. The total cost was \$496,151,083.83. The average cost was \$17,290 per mile.  
Nearly 36 per cent of the federal-aid funds, or \$75,909,279.30, went into the construction of 4,834.5 miles of high-grade concrete roads. Next in size were total appropriations of \$47,192,893.11 federal-aid funds applied to the building of 10,443.2 miles of gravel road, at a total cost of \$104,014,096.71. Federal-aid funds to the extent of \$23,721,920.92 were applied during the period to the construction of 6,894 miles of graded and drained roads, at a total cost of \$55,504,235.78. High-grade bituminous macadam roads, of which 13,225 miles were con-

### We Invite You to Visit This Great Furniture Store

When in Detroit we want you to come in and see us—You will find the "open door" to the manager's office" awaits you, and he will see that you are given the personal attention of our best salespeople. Finsterwald's policy of "No sale complete until the customer is satisfied" assures you of the best values always.

Special prices prevailing all this month—Free delivery to all points within 50 miles of Detroit.

## Finsterwald's

Michigan Avenue At Washington Blvd.  
"CONVENIENT CREDIT TERMS TO ALL"

### FIRST MORTGAGE 7% Serial Gold Bonds

Centrally located income producing apartment buildings are one of the safest and most yielding investments. Title and legality carefully safe-guarded by well known and competent attorneys, and leading banks of Detroit. The earnings are such that rentals go to a pre-war basis without affecting the security. We have at this time some unusually fine bonds of this character guaranteed to yield 7%.

Fill out the blank below and we will send you without obligation detailed information.


Hughes, Gordon, Brasie & Company  
1438 Dime Bank Bldg.  
Detroit, Michigan

## FRANK & SEDER

1413 to 1447 CLIFFORD WOODWARD AVE.

### FIRST BIRTHDAY SALE

Now in Progress



We do not believe that another such collection of high grade merchandise has ever been brought together by any store in America to sell at such prices.

The entire public of Detroit and its surrounding suburban residents are invited to this sale. It will be worth coming a hundred miles to attend.

Tell your friends. Tell them to tell other friends. Make up shopping parties if you live out of the city and plan to come to Frank & Seder's for a day or more of the most wonderful shopping opportunities you have ever enjoyed.

### Frank & Seder.

## RADIO

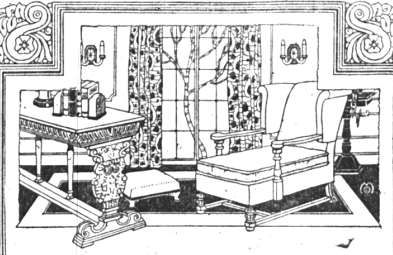
For Absolute Satisfaction Try This Store for Complete Sets and Equipment at List Prices

REMEMBER, it isn't what you pay—it's what you get—that counts! You get everything that anyone can put into high grade sets and equipment and yet we sell at list prices only! No overcharge for excellent quality—Detroiters know that and we want you to know it!

Everything for Radio! Prompt Service!

## National ELECTRIC SUPPLY and FIXTURE Co.

1338 BROADWAY Phone Cadillac 89 DETROIT



### The Only Display of its kind in Detroit

A unique feature of this establishment is the showing of our stocks in Sixty-Five beautifully arranged Display Rooms.

We cordially invite you to come in at any time and view this comprehensive stock, and we assure you there is no obligation attached to your visit.

Together with furniture, we handle a complete line of floor coverings and refrigerators.

A FAST FLEET OF MOTOR TRUCKS ASSURES YOU OF PROMPT DELIVERY.

## Pringle Furniture Co.

431 Gratiot Avenue  
One and one-half blocks from Broadway



### Detroit's Greatest Display of RUGS

Three floors of guaranteed floor coverings in every conceivable pattern, weave and shade. A complete variety of rugs in all sizes for all requirements. Berry's Rugs help furnish the home. An appropriate wedding gift. Berry's Rugs are moderately priced and are a real saving to Berry customers. When in Detroit visit our store.

## BERRY'S

539 Michigan Ave.  
Between First and Second Streets

### Dyers---BROSSY'S---Cleaners

of Wearing Apparel, Carpets, Rugs, Portieres, Lace Curtains, Blankets, Pairs, Auto Hobes, etc. Prompt Service, Moderate Prices. Write Us.

8 East Warren Ave., Cor. Woodward Ave., Detroit

### "From the Mill to the Wall"

## Wall Paper

Five Big Wall Paper Specials

3/2c Per roll. Borders at 3/2c per yd.	1c Per single roll. Several of these patterns all good.	5c Per roll. Cut out border at 5c per yd.
6 1/2c Per single roll. Several of these patterns all good.	7 1/2c Per single roll; a good selection at this price.	

These Sold Only With Borders to Match

We also have a fine selection at 12c and 14c per roll, the balance of our 1 1/2c LINE, including papers to suit every taste, from 12c per roll up.

CEILINGs AT 7 1/2c PER ROLL  
OATMEAL DUPLEX AND THE NEW HARMONELLAS, 30 INCHES WIDE, AT 15c

ALL OUR BIG STOCK OF PAINTS, VARNISHES, STAINS AND ENAMELS, ARE PRICED, RIGHT.

See Us For Bargains—Call or Write For Catalog

## New York Wall Paper Store

331 Michigan Avenue C. R. Johnson, Proprietor  
Near Washington Boulevard

### Your Wedding Engraving

SPRINGTIME is wedding time—and, of course, weddings call for engraved invitations and announcements.

If you are going to need wedding engraving and stationery you want it to be "just right". Be sure to get in touch with our Engraving Department. We can assure you quality work and prompt service. Write or call on us.

## THE RICHMOND & BACKUS CO.

STATIONERS - ENGRAVERS - PRINTERS  
WOODWARD AT CONGRESS - DETROIT

### AN EDUCATION FOR WOMEN

This profession will prepare women for future years—to make a profitable salary, for a very small outlay of money.

### LEARN THE CULTURE OF BEAUTY

Our methods of Hair and Facial work involve the best system—permitting as much of the course to be learned as you desire. A Booklet Will Be Mailed to You Upon Request, Giving All Required Information.

## Advance School of Beauty Culture

1562 Broadway, Detroit

### Detroit Conservatory of Music

Finest Conservatory in the West

## SUMMER MASTER SCHOOL

Six Weeks—June 26 to August 5, 1922

Offers courses in Piano, Voice, Violin, Organ, Theory, Public School Music and Drawing, Oral Interpretation, etc. Work based on best modern and educational principles. Numerous Lectures, Concerts and Recitals throughout the year.

Oliver Denton, Pianist, of New York City  
Will be Guest Instructor during the Summer School Session.

For more detailed information and full particulars regarding the Summer Master School address:  
JAMES H. BELL, SECRETARY, 5035 WOODWARD AVE., DETROIT

### EXPERIENCES NEVER LAST.

We are beginning to realize that all of our experiences during the day, all of our thoughts, emotions and mental attitudes, the multitude of little things which seem to make but a fleeting impression, are not in reality lost. Every day leaves its photographic records on the brain and these records are never erased or destroyed. They simply drop into the subconscious mind and are ever on call.—Orison Sweet Marden in Chicago News.

### TOUGH IRON INSTEAD OF WOOD.

Investigation discloses the fact that in many districts of England the custom of touching wood still prevails just as it did among past generations. In Scotland the superstition of the touch is not unknown, although in their case it is iron that is believed to possess the charm of averting evil. For instance, the fisher people of Scotland, who regard the sight or mention of a pig as a bad omen, are accustomed to touch iron.

### HELLENIST.

Hellenes was one of the names of the inhabitants of ancient Greece, and the word Hellenist meant one who affected Greek manners, especially a person of Jewish extraction who used the Greek language as his mother tongue, as did the Jews of Asia Minor, Greece, Syria and elsewhere. Many of the Jews scattered through the provinces of Asia Minor during the first century of the Christian era were Hellenists.

### CONCRETE ROAD VIBRATIONS

Experiment Started to Determine Amount of Moisture Increase Under the Road.

Does vibration caused by the movement of a vehicle over a road increase the amount of moisture in the earth under the road, and thus weaken its bearing power? This question will be answered when results are secured from an experiment just started by the Bureau of public roads, United States Department of Agriculture. Two similar concrete slabs have been constructed side by side, and on one there will be placed a gasoline engine with an unbalanced flywheel which will cause vibration. Soil samples will be taken from under the slabs and the amounts of moisture compared. This experiment is undertaken, not with the idea that road vibration can be prevented, but to determine whether sufficient increase in the moisture of the subgrade is caused by it to weaken the bearing power of the soil, and incidentally, to develop new ways of testing methods of subgrade treatment.

### MONEY WASTED ON HIGHWAYS

No Excuse for Community to Be Without Good Roads or to Permit Them to Deteriorate.

With modern road building and maintenance machinery, there is no longer any excuse for a community to be without good roads, nor is there any reason why it should allow millions of dollars spent in building roads to be wasted, because of improper care. It is a matter which concerns us all, town and country people alike.

### Gives Condition of Roads.

The Wisconsin highway department publishes every week a blue print map showing routes and road conditions throughout the state. The subscribers are chambers of commerce, hotels and garages. New construction, detours, etc. are plainly indicated.

### Advertise a Community.

A community is known by its roads. It leaves the roads in a vicinity always advertise a town or community. As the roads are, so the tourists judge the town.

### Rural Engineering.

Repair and paint machinery. Lay in a supply of bolts, washers, nuts, sharpen plow edges, oil and repair harness, bull fences. Keep the limestone grater going.

### Asphalt for Roads.

During the last eight years 5,000,000 tons of asphalt, sand, and aggregate materials were used into the highways of the United States, a quantity sufficient for 50,000 miles of roads and streets.

### QUININE.

Quinine is used in great quantities in the United States and an enormous sum is annually paid for the imported drug, most of which comes from South America. Its source being the cinchona tree, which is found over an area of great diversity of soil and climate, the principal cinchona belt being a strip 100 miles wide and 2,000 miles long. Many trees are found growing at altitudes of 2,500 to 9,000 feet above sea level.

### GREAT VALUE OF REDWOOD.

Redwood lumber is largely used on the Pacific coast, as it has great natural resistance to rot and fire. Heartwood when placed in contact with the ground will remain in good condition for 25 years or more, whereas a great many other species rot out in a few years. The redwood heartwood is also able to repel the attacks of decay-producing fungi, because of the presence of tannin, oils and resins on its surface to fungi.

### FOOT SQUARE-SQUARE FOOT.

A mathematician says there is no difference in area or quantity of surface between a foot square and a square foot, but there may be a difference in shape. A foot square must be a rectangular surface having four equal sides, measuring one foot long each. A square foot may also be a foot square, but it may be irregular in shape, say six inches wide and two feet long, or any shape so long as the area is equal to 144 square inches.