\$329,741,096.65

Rural Highways to Benefit From Public Roads Bureau Research

THE long-held aim of "getting the farmer out of the mud" promises to be brought materially closer to realization through the application of a very considerable part of the \$400,000,000 federal road fund to the secondary high-road fund to the secondary provides the taxes for tunate that research conducted by the Bureau provides the basis for the construction and improvement of low-cost roads that will both get and keep the farmer out of the mud without imposing an unjustifiable tax burden for maintenance.

The Bureau's research, conducted in its test laboratory at Arlington, Virginia, across the Potomac from Washington, has covered characteristics of the greaterly he

ton, Virginia, across the Potomac from Washington, has covered characteristics of the ground beneath the surface which are important to the design, construction and maintenance of highways. It has also covered the problems of highway surfaces, with a view to the use of chemical and physical admixtures to provide low-cost roads with surfaces that will stand up under traffic and can be maintained at low cost.

Low-Cost Highway Surfaces The surface condition of clay, sand-clay and gravel roads depends largely upon the degree of cohesion possessed by the clay or other material that acts as the binder or road "glue." This in turn largely depends upon the presence of sufficient moisture, for it is the moisture films between the particles and not the particles themselves that provide the "glue." The value of chemical admixtures in maintaining cohesion has been shown by the use of calcium chloride, a white, flaky substance which slows white, flaky substance which slows down evaporation and prevents the drying out of the moisture without which the surface tends to disin-

Spread upon the surface, the first rainfall carries it down to the sub-surface soil. With the re-appearance of the sun, evaporation of the surface moisture begins but is re-placed by the rising of the calcium chloride solution. Evaporation continues only up to the point at which due to the calcium chloride, the solution will no longer evaporate. At the next rainfall the same process takes place with the that cohesion is steadily

Sub-Surface Soils Study The foundation of a road is as important as the foundation of a building. In the case of roads of all kinds this foundation is provided by the sub-surface soils. The Bureau of Public Roads' program of sub-gurface research has included all of those soil constituents which are of importance in determining the reactions of widely

mining the reactions of widely different soils under varying conditions of load, moisture and temperature. This has involved tests moisture which the soil can hold steel and stone



The compression test, during which soil

of soil samples from all parts of the United States.

One of the fundamental tests is an analysis to discover the resistance to present the resistance to present the resistance to present the resistance to the One of the fundamental tests is an analysis to discover the proportions of sand, silt, clay, and other substances which the soil contains. This involves a lengthy laboratory procedure, including hydrometer readings of a soil sample dispersed in distilled water. The readings are taken over a period of 24 hours. At the conclusion of the analysis it is possible to determine.

analysis it is possible to determine by employing complex mathematical formulae, not only the proportions of all the different soil substances, but the actual size of their par

The "Liquid Limit" Test

MONCURE NEWS

Prof. H. G. Self, who has been principal of Moncure school for eleven years and under his principalship Moncure school has made wonderful progress, will move August 26th, to Burlington, where he will be principal of E. M. Ho't Public school on the Al amance Battle road, Burlington, with wenty teachers in the school. Prof. and Mrs. Self will leave many friends in town and surrounding communities, who wish them much success in their new work. We will miss them here, for they were active in every phase of work for good of the town, school and community. They will live on

Church street, Burlington.
Prof. R. P. Umstead, of Chapel Hill. the University and comes to us highly recommended, and efficient in school work. Prof. H. A. Melvin, of Chapel Hill, will succeed Mr. W. E. Glad- Rev. M.C. Elerbe, the pastor, did the stone as teacher of History and Sci-

Miss Olivia Goode was re-eleted as teacher of English and French and shown. Miss Anna Mae Caddell was re-lected Mr. and Mrs. D. W Johnson and as teacherof the Home Economics

The following grade teachers were elected for the ensuing year: Miss Cecil Seawel!, 7th grade.

Mrs. T. S. Crutchfield, 6th grade. Miss Helen Wicker, 5th grade. Miss Margaret Mann, 4th grade. Miss Pearl Johnson, 3rd grade. Miss Sarah Kelly, 2nd grade.

Miss Kathleen Brooks, 1st grade, Mrs. H. M. Hackney was elected eacher of the music department.

Miss Claire Harrington, of Merry Oaks, will have charge of the teacherage this year. Mr. and Mr. E. W. Avent, Jr., and

Rav, last week end. Mrs. J. E. Johnson and children, of

F. Morrison this week. Rev. and Mrs. E. C. Drham

children, of Weldon, are visiting Mr. and Mrs. R. P Womble this week Rev. E. C. Durham preached at Flat Spring church Monday evening. Revival services are being conducted at Flat Springs church this week.

Mrs. E.G. Sammons and sons, Joseph and Jacob, are visiting this week relatives at Wise, and Richmond, Va. Before returning home they will go to

Mesdames Barbara Watkins and Julian L. Bryan spent last Wednesday in Raleigh. Mr. D. A. Clark has returned from

10 LB. BAG

Rev. T. Y. Seymour preached a good

rmon at the Baptist church here Sunday evening on, "Ye are The Light of the World."

Rev. T. Y. Seymour is conducting re vival services at Gum Springs Baptist

church near here this week.

Miss May Bullard, of Raleigh, and Miss Ethel Farrell, of Pine Bluff, were

week end guests of Miss Bettie Har-

visit to Charlotte.

let, spent last week end with her par ents, Mr. and Mrs. D. A. Clark. The members of Moncure Epworth League held a most interesting program at the church last Sunday even-

ing The Subject discussed "Hymn's and Poetry." The young people of the town and community will succeed Prof. Self as principal of are invited to attend the Epworth Moncure school. He is a graduate of League meetings each Sunday evening at 7:30 o'clock.

Several from here attended the revival services at Mt. Zion last week. preaching and each service was very impressive and helpful. Each service was well attended and much interest

family attended the revival services at Asbury M. E. church last week. Mrs. T. S. Crutchfield spent last week with her parents at Bonlee.

Miss "Bill" Andrews, of Bonlee spending this week with her sister, Mrs. T. S. Crutchfield. Mr. and Mrs. J. F. Morrison,

Peachland, spent last week with her son, Mr. A. F. Morrison. ADD MONCURE Mr. and Mrs. W. C. Shields and fam-

ily, of Durham, were guests of Rev. and Mrs. T. Y. Seymour last Sunday Miss Lois Wilkie is visting her brother at Waterville.

Miss Pearl Hackney, who has spent little son, of Wagram, visited Mrs. the summer with her sister at Brook-Avent's parents, Mr. and Mrs. J. R. lyn, N. Y., returned home one day last week.

Misses Mary and Cecil Seawel, of Mebane, are visiting Mr. and Mrs. A. Buckhorn, were in town one day last

Miss Pearl Johnson, of Pittsboro

and Miss Kathleen Brooks, of Bonlee wer in town one day this week. Mrs. Claire Harrinton, of Brickhay

en, was in town Monday on business. Messrs. R. P. Umstead and H. A. Melvin, of Chapel Hill, were in town on day last week.

GULF NEWS

(Deferred from last week.) Mr. and Mrs. F. H. McIntyre and family, of Raleigh, motored up Sunday morning. Mesdames J. W. Mc-Intyre and J. W. Cameron joined them and all were luncheon guests of Mr. and Mrs. Arthur Teague, at Siler

Mr. Ellis Murchison, of Rocky Mt. spent Tuesday night with his aunt and uncle, Rev. and Mrs. G. L. Merrell Mr. Henry Campbell, of Portsmouth Va., is visiting his aunt, Mrs. Robens

McRae this week. Miss Vefma O'Connell, of Jonesboro was week end guest of Miss Annie

Tyner. Miss Minnie Murchison left Sunday

to visit Miss Bonnie Babb, at Fountain Mr. and Mrs. W. H. Hill, Mr. and

Mrs. Vann Oldham and children, were guests of friends at Glendon Sunday at a chicken dinner.

Revival services begin Sunday, August 27th, at Bethany Baptist church. Children's Day exercises immediately after Sunday School. Dinner will be Premium notes on Policies in force served on the ground and Rev. Mr. Net Value of Bonds and Stocks Stroup, of Ramseur, wi'l assist Pastor | Cash E. W. Byerly, and will preach Sunday afternoon. Services will be held af- Premiums uncollected ann deferred

Mr. and Mrs. Ed Jourdan, of Siler City, visited their aunt, Mrs. M. J. Jourdan, Sunday afternoon,

Mr. Herbert Russell, Jr., is spending the week as the guest of Mr. Clyde Jourdan, at the Jourdan Cottage at White Lake.

Mrs. Eugenia Smith, of China Grove, arrived Sunday to spend a few days with her daughter, Mrs. D. M.

Mrs. Lucy A. Beal celebrated her 79th birthday Monday, August 21st Mr. and Mrs. J. C. Carson, Jr, Germantown, arrived last week to spend two weeks with Mrs Carson's parents, Mr. and Mrs. D. E. Murchison

REVIVAL CLOSES AT MEMPHIS.

The revival which was held at Memphis church last week, closed Friday evening. Rev. J. E. Blalock, delivered some wonderful Bible sermons which were greatly enjoyed by those who attended. Rev. Thrift conducted the Cokesbury Training School, which we feel will be of great help to the church and Sunday school. Those who passed the examination and received Mrs. B. C. Yarboro, and Misses Nora Premium Income-Ordinary and Daphne Holt Misses Mabel Hol- President; David S. Dickenson land and Margaret Buchanan passed but were too young to receive credit appreciate the faithful services rendered by Mr. Thrift. They also appre Thrift, of Durham, and Mrs. W. Kelly, of Sanford and Mrs J. E. Blalock, of Jonesboro, who helped with the music We feel that the church has been revived and great and lasting good will result from the serv-

STATEMENT UNION CENTRAL LIFE INSURANCE COMPANY

Cincinnati, Ohio, Condition December 31, 1932, as Shown by Statement Filed. Amount of Capital pa'd up in cash \$ 2,100,000.00 Amount of Ledger Assets December 31st of previous year... 316,465,336.79 Premium Income, \$42,665,551.91; Miscellaneous, \$28,392,439.94; Total Disbursements—To Policyholders, \$58,334,255.57; Miscellaneous, \$21,180,715.99; Total 79,514,971.56 Business written during year-Number of Policies 26,521; Amount 122,921,007.00 Business in force at end of year—Number of Policies

Mrs. Douglass and children, of Ham 384,070; Amount \$1,419,680,587.00 ASSETS Val of Real Estate (less amount of encumbrances) \$ 37,970,964.06 Mortgage Loans on Real Estate made to Policyholders on this Company's Polic'es assigned as collateral 83,273,222.68 Premium notes on Policies in force (of which \$442,330.60 is for first year's premiums), 5.912.968.09 Net Value of Bonds and Stocks 5,478,372,93 3,433,419,01 Interest and Rents due and accrued 15,690,844,65 Premiums uncollected and deferred 5,491,073.58 All other assets, as detailed in statement ... 18,160,753.00 TOTAL. \$329,894,075.16 Less Assets not admitted 152,978.51

> LIABILITIES Net Reserve, including Disability Provision \$261,899,370.00 Present value of amounts not yet due on Supplementary Contracts, etc. . 3,795,777.08 Policy Claims 2,086,780.17 Dividends left with Company at interest ... 3,859,115.43 Premiums paid in advance 1.108 826.91 Unearned Interest and Rent paid in advance 658,475.82 Commissions due to Agents 514,871.18

Total admitted Assets

Estimated Amount payable for Federal, State, and other Taxes 1,002,716.37 Dividends due Policyholders ... 7,006,695.13 Amounts set apart for future dividends ____ 26,563,00 All other Liabilities, as detailed in statement ... 32,170.051.11 Total amount of all Liabilities, except Capital \$314,129,242.25 Capital raid up in Cash \$2,500,000.00

Unassigned funds (surplus) \$13,111,854.40 \$ 15,611,854.40 TOTAL LIABILITIES ..\$329,741.096.65 Business in the State of North Carolina During 1932 Policies on the lives of citizens of said State in force

December 31st of previous year, 10,464; Amount \$28,951,221 Policies on the l'ives of citizens of said State issued 1,981,836 during the year, 452; Amount \$30,933,057 Total No. Policies 10,916; Amount Deduct ceased to be in force during the year, 1,797; Amount 6,331,649 Policies in force December 31st., 9,119; Amount \$24,601,408 Losses and Claims unpaid December 31st of previous year, 6; Amount ...

Losses and Claims incurred during year, 99; Amount 242,686 Total Number 105; Amount 259,497 Losses and Claims settled during the year, in full, 96; Amount \$228,807 Losses and Claims unpaid December 31st., 9; Amount 21,690 Premium Income-Ordinary,\$716,588,83 President, W. Howard Cox. Secretary, Richard S. Rust Treasurer, H. L. Hodell Actuary, E. E. Hardcastle Home Office: 3 W. 4th. Street, Cincinnati, Ohio.

Attorney for Service: Dan C. Boney Insurance Commissioner, Raleigh, N. C. State of North Carolina, Insurance Department,

Raleigh, April 21st., 1933 I, DAN C. BONEY, Insurance Commissioner, do hereby certify that the above is a true and correct abstract of the statement of the Union Central Life Insurance Company, of Cincinnati, Ohio, filed with this Department,

showing the condition of said Company on the 31st day of December, 1932. Witness my hand and official seal the day and date above written. DAN C. BONEY, Insurance Commissioner

STATEMENT SECURITY MUTUAL LIFE INSURANCE COMPANY

Binghamton, N. C. Condition December 31, 1932, as Shown by Statement Filed. Afount of Ledger Assets December 31st of previous year .

\$20,686,649,48 Premium Income, \$3,360,737.03; Miscellaneous, \$1,162.259.21; 4,522,996.24 Total . Disbursements-To Policyholders, \$3,201,795.97; Miscellaneous, \$1,319,137.45; Total _ 4,520,933,42 ness written during year-Number of Policies 4,110; Amount _ 12,251,476.00 Business in force at end of year-Number of policies 51,395; Amount 102,006,184.00

ASSETS Value of Real Estatt (less amount of encumbrances) \$2,575.169.70 Mortgage Loans on Real Estate 6,269,045.97 Loans made to Policyholders on this Company's Policies assigned as collateral 202,510.64 381.899.10 566.815.00 ternoon and night during the fourth All other Assets, as detailed in statement

414,933.86 \$21,753,901.33 Less Assets not admitted 469,490.41 Total admitted Assets \$21,284,410.92 LIABILITIES

662,228,65

Net Reserve, including Disability Provision \$13,787,962.00 Present falue of amounts not yet due on Supplementary Contracts, etc. 133,684,23 Policy Claims 167.897.97 Dividends left with Company at interest 253,782.04 21,256.00 Premiums paid in advance Unearned Interest and Rent paid in advance 8,248.90 Commissions due to Agents 16,194.51 Estimatel Amount Payable for Federal, State, and other Taxes 60,000.00 Dividenus due Policyholders ... 356.913.69 Amounts set apart for future dividends 32,327.61 All other Liabilities, as detailed in statement 783,915.32

Total Amount of all Liabilities, except Capital \$20,622,182,27 Unassigned funds (surplus) TOTAL LIABILITIES Business in the State of North Carolina During 1932

\$21,284,410,92 Policies on the lives of citizens of said State, in force December 31st of previous year, 1100; Amount ... Policies on the lives of citizens of said State issued during 55,000 the year, 21; Amount Total, 1121; Amount __\$1,9S4,402

Deduct ceased to be in force during the year, 108; Amount Policies in force December 31st., 1,013; Amount \$2,765,244 Losses and Claims incurred during year, 10; Amount ... Losses and Claims settled during the year, in full, 9; Amount 16,536

credit cards were: C. M. Harward,, Losses and Claims unpaid December 31st., 1; Amount 5,000 \$43,582.36 Secretary, Frank C. Grod nough Treasurer, Z. Bennett Phelps Actuary, Fred N. Bremmen

Home Office: Security Mutual Bldg., Binghamton, N. Y. The members of the church Attorney for Service: Dan C. Boney Insurance Commissioner, Raleigh, N. C. Manager: North Carolina: J. W. Forbes, Tarboro, N. C.

State of North Carolina, Insurance Department. Raleigh, April 21st., 1933.

I, DAN C. BONEY, Insurance Commissioner, do hereby certify that the above is a true and correct abstract of the statement of the Security Mutual lafe Insurance Company, of Binghamton, N. Y., filed with this Department, showing the condition of said Company on the 31st day of December, 1932

Witness my hand and official seal the day and date above written. DAN C. BONEY, Insurance Commissioner.

Progressive Stores, Inc. Sanford, Apex, Raleigh, Smithfield, Four Oaks, Dunn, Lillington, Fuquay Springs,

Varina, Pittsboro, Hillsboro, Liberty, Durham, Randleman, Aberdeen, Troy, Mt. Gilead and Zebulon

"North Carolina Stores For North Carolina People"

FOR FRIDAY AND SATURDAY, AUGUST

25 LB. BAG 100 LB. BAG

\$1.23

A compression test, in which a sample of the soil is subjected to loads

determines the resistance to pres-sure from above; the resistance to lateral flow, or spreading out, under

or tendency to take up water after being compressed. The knowledge which these and

the knowledge which these and other tests make available, enables the highway engineer to know in advance how the soils which he must work with will react under varying conditions of moisture,

ressure and climatic changes.

the soils are deficient in certain qualities, they indicate what ma-terials should be added, and in

what proportions. They tend to give the highway engineer the same degree of 'exact knowledge about his soils, as the structural

Kraft's Salad Dressing, pint jar, 15c Kraft's Mayonnaise, 8 oz. jar . . 15c

Salt, 5c package, 3 for 10c Post Toasties, 2 packages 15c

Par Tea 1-4 lb. pkg. 10c 1-2 lb. pkg. 19c PILLSBURY CAKE FLOUR,

Eagle Brand Asparagus, square can

RINSO

pkgs.

15c

LIFEBUOY

For skin health. Lifebuoy Soap

CARNATION MILK 4 tall cans . 25c 8 small cans . 25c

5e

5e

Shortening White Cloud \$3

package

ROYAL ASTER SHORTENING, 8 pound Carton

CERTO, Bottle 29c | Maxwell House Coffee, lb. .

Sweet Potatoes, No. 2 can

PEARS, Value Brand, no 2 can 10c

CHEESE, full cream, lb. 17c

HONEY, Whiskey Creek Brand, 8 oz. jar 10c

Oxydol, pkg. 10,000,00 P&G Soap, 5 cakes 20c Lava Soap, cake

OXYDOL'S

FRESH FRUITS & VEGETABLES LEMONS, large, doz. 21c

LETTUCE, large head 10c

POTATOES

No. 1's, 10 lbs. . 29c No. 2's, 10 lbs. . 19c