

Concrete Roads Need To Rest For Longevity

By HOWARD W. BLAKESLEE (Associated Press Science Editor) ITHACA, N. Y.—That concrete highways can rest and regain their strength when traffic is light is demonstrated in tests at Cornell University.

In these tests, square bars of concrete the thickness of pavement and several feet long are subjected to poundings like those from heavy traffic until they break. This reveals the practical strength of various mixtures and thicknesses.

Highway concrete is slightly elastic. It bends and stretches a bit under the weight of each passing vehicle. These traffic flexions in the concrete are reproduced in the Cornell laboratory.

Heavy Traffic Hardest If each stress is not more than half of the force necessary to break the bar, the concrete will stand six to seven million stresses before it breaks.

But if the individual stresses reach two-thirds or three-quarters of the concrete's breaking strength, the material will stand only 200,000 to 300,000 of them.

The ability of the concrete to "rest" is shown by interrupting the stress machine, from time to time. Some initial stresses, if continued long enough, will cause a drop of about 40 per cent in the concrete's tensile strength. That is, a weight 40 percent less than required at first would break the concrete.

But if the stress is stopped for awhile and the concrete given a complete rest from pressure, it recovers its original strength.

No such recovery occurs, however, if the concrete has been over-stressed. That is, overloading it too much beyond the 40 percent limit weakens the concrete permanently. In this respect pavement is like the human constitution.

Spain's last royal ruler, Alfonso XIII, was born a king.

Thousand Attend Unveiling Of The Humphries Marker

Monument to William Humphries, Pioneer Settler, Unveiled at Camps Creek.

(Special to The Star) CAMPS CREEK, Aug. 21.—The revival meeting at Camps Creek will start Sunday August 23, with the pastor Rev. Covert, doing the preaching. There will be two services daily, morning and evening.

It has been estimated that over 1,000 people attended the unveiling of the monument of the late William Humphries, Sunday afternoon at 4 p. m., near Palmer schoolhouse in Camps Creek community. He was one of the first settlers here, and served in the revolutionary war.

The program was in charge of Mrs. W. S. Hall, regent of Daniel Morgan chapter, D.A.R., of Gaffney, S. C. Principal speakers on the program were: Mrs. John Logan, marshal of Clemson college, regent of South Carolina D.A.R.; Mrs. T. J. Mauldin, Ickens, S. C., vice president of National Society D.A.R. and past regent of South Carolina, Congressman F. Richards, Lancaster, S. C., Solicitor Sam R. Watt, Spartanburg, S. C., Rev. Cleveland Holland read the history of William Humphries, and Beaty Bolin, of Gaffney, S. C., sounded taps. The singing was in charge of Wade Humphries, of Gaffney, S. C.

Mr. and Mrs. George Turner and family of Wadesboro, spent last week with Mr. and Mrs. F. E. Turner and other relatives.

Miss Mary Louise Huakey of Danville, Va., was the Tuesday dinner guest of Miss Louise McCraw.

Miss Elsie Ruppe and Miss Huskey of Cherokee, spent the week end with Miss Sloree Jones.

Mrs. Fred ones is at the bedside of her father, Sam Allison, of Gaffney, S. C., who is seriously ill.

Nye Collecting Ammunition For Armaments Fight

Drought In West Now Holds Attention, But He's Studying Hard.

WASHINGTON—In North Dakota Senator Nye is much concerned about the drought, but very likely certain developments are causing him to devote many hours also to planning a renewed crusade for government ownership of the munitions industry and an attack on the growing cost of national defense.

In the last days of the past congress, Nye had hard cards to play, but two factors now have presented themselves which he may look upon as useful axes. One is the decision of the Blum government in France to nationalize the munitions industry there. The other is the expectation this administration will build two new battleships at an estimated cost of \$50,000,000 each.

Wilson Charge A Boomerang The munitions committee investigation of the arms and shipbuilding industry, headed by Nye, was a senate sensation for more than a year. Last spring it went into semi-eclipse when the North Dakotan drew down upon it the wrath of Senator Glass of Virginia for saying President Wilson "falsified" testimony at a senate hearing on World war treaties.

But even with its light almost snuffed out by the opposition engendered by the Wilson affair, the committee slogged along through the spring and published results of a study by two departmental engineers (not army or navy) in which it was estimated that for \$47,000,000 the government could make itself independent of private munitions manufacturers, shipbuilders and airplane makers.

Battleships Vs. Resettlement On the strength of this estimate the munitions committee came out late in the session favoring part nationalization, omitting previous suggestions for the government to set up its own airplane plant.

To Senator Nye the French example might appear particularly apt. It huge Schneider-Creusot munitions plant repeatedly has been held aloft by the committee as an instance of an armament maker assertedly free to tantalize rival nations into heavy purchases in the belief that each was arming against the other.

As to the \$100,000,000 worth of battleships, even before he left Washington after adjournment Senator Nye was preparing to ask the country, in a series of speeches, to consider how many resettlement projects such a sum would build.

Catalonia Forces Become Communist

BARCELONA, Aug. 21.—The Catalonian government has moved virtually to secede from the rest of Spain.

After the generalitat, government council, decreed confiscation of all private property on Russian collectivized lines, it took steps to sever its ties with the Madrid government.

It will act henceforth, the council declared, in complete independence in maintaining public order. The delegate to the central government was relieved of his duties and the government announced its intention to determine its own policies on all matters, including immigration, emigration and the administration of justice.

"The state of war existing here," it declared, "makes it opportune to eliminate dual control and to place all responsibility in one place." An official bulletin proclaiming the decree, relieved all magistrates, judges, state prosecutors and other personnel appointed by the central government of their duties immediately.

Workers took control of all industries in the Catalonian autonomous region on the pattern of Soviet Russia.

12-Year Pet Chick Taken By Thieves

WELDON, Aug. 21.—Reaching the unprecedented age of 12 years and four months, a red bantam rooster belonging to Janet Rawlings, of Weldon, who bought it eight years ago from Thomas Gregory, was stolen last Saturday night. The chicken was quite a pet, following its mistress, when she was in the yard like a dog.

He always sat in front of the nest when his mate was setting and sometimes in the nest with her. His chief diet was buttered biscuit every morning, and peaches when he could get them. He fussed continuously every morning until he got his buttered biscuit. He was known to take care of biddies that the old hen left. Last winter he lost an eye while fighting with the cat.

In the University of Texas geology museum is a meteorite once used as a blacksmith's anvil, but now a valued specimen.

The spinal cord, unlike many parts of the body, is unable to regenerate tissue or heal its own wounds.



Drouth Relief May Prove Big Factor in Swinging Farm Vote

BY SPECIAL CORRESPONDENT

WASHINGTON—Party powers charged with furthering the Democratic campaign cause are wearing furrowed brows these days. The reason is that reports continue to reach Washington that, throughout the farm belt, there is growing resentment against New Deal work-relief policies.

This resentment has been aggravated by the drouth. As dry weather effects became more intensely felt, an increasing number of farmers were forced to seek government help. And many of these farmers have voiced complaints about the way in which relief, whether in the form of Resettlement Administration grants and loans, or WPA work, is administered.

Large-scale and small-scale farmers alike declare that relief administrators either are unable or unwilling to distinguish between those who need work and those who do not. In most cases, they declare, a farmer, almost wiped out by the drouth, cannot obtain a WPA job unless he proves before the state relief agency that he is destitute. Even if it is the state agency that refuses to certify him for a WPA job, the disappointed farmer usually holds the federal government responsible. Many farmers, complainants

Wallace Declares Scarcity In 1932

CLEVELAND, Aug. 21.—(P)—Secretary of Agriculture Henry Wallace said in an address prepared for delivery at the Great Lakes Exposition:

"Drouth did not bring scarcity into the average American home in 1934 nor will it in 1936. 'The records show,' he continued, 'that the real period of scarcity was in 1932. It was then, when surpluses were greatest, that the bread lines were longest. It was then that the farmers were losing their farms, that industry was prostrate and fear and hunger rampant. It was when farmers were burning corn instead of coal that city people were most hungry.'

SLEEPING CHILD IS BITTEN BY A RAT

MORGANTON, Aug. 21.—With the danger of infection believed past, little Benny Smith, eight-months old son of Mr. and Mrs. Ray Smith of Lenoir street, Monday was reported as improved from what appeared to have been bites of a rat on his foot.

Authorizes Sterilizations

RALEIGH, Aug. 21.—The state eugenics board authorized to day the sterilization of six white women and two white men, all said to be suffering from mental ailments. Action on three other cases was postponed. Eugene Brown, secretary said.

RUSSELL SIGNS
6 W. MARION ST.

AUTOMOBILES BOUGHT - SOLD AND FINANCED BY - Rogers Motors -

Tenderfoot In Movies Explains New Ideas To Her Supervisors

By ROBIN COONS

HOLLYWOOD.—Tenderfoot in the movies are supposed to keep quiet and do as they're told. But Frances Farmer has ideas and doesn't see why she should express them. She does express them, and what's more: Howard Hawks, a director whose pictures long have given proof that he knows his business, has accepted several of them. He says he thinks she is one of the most intelligent girls he has directed. When they're in the midst of a rehearsal and Frances thinks of a gesture or bit of "business" that might improve her characterization, she will out with it; not impertinently, just inquiringly. And Hawks likes this. If he doesn't approve the idea, he will tell her why. But often he approves.

Miss Farmer is making her fourth picture—her first role of any real importance to her, she says. Romancing with Bing Crosby in "Rhythm on the Range" merely was an ingenue's assignment, in her valuation, but the role of Lotta in "Come and Get It" is a chance to act. At 31 she is intensely serious in her ambition.

Skipped The Hard Knocks She is serious about pictures, too. She is serious about her ultimate ambition is the stage. She wishes more pictures would realize their potentialities, utilize the screen medium for worthwhile ends. "Too often pictures do things that are meant to entertain—and don't," she says. "It's likely a really good writer doing pulp stories."

Pretty, with uncommon poise to match, Frances Farmer won an essay contest in her home town, Seattle, Wash., which gave her a trip to Moscow. She saw Europe and met Dr. George Gladstone, who introduced her to a theatrical producer, who took her to picture scouts, who brought her to Hollywood with a contract. She skipped all the usual hard knocks of a beginner in pictures, for after two lesser roles she drew a lead.

She Also Writes Poetry "I don't think I missed anything, though," she says. "I don't believe discouragement is helpful. But even so, I've had my share of it."

Clothes are not among her weaknesses, although she dresses as smartly as the next one. For rehearsals she prefers the comfort of a rough sweater, slacks—and tennis shoes. Omar Klat, the designer, said of her that "draping her with fancy clothes is like overlooking a cathedral." She has a quality that calls for simplicity to do it justice, he says.

Not long after coming to Hollywood Miss Farmer married Leif Erikson, a young contract player on her home lot, who shares her interest in tennis, golf and their boat. They like to "get away from Hollywood" even though they live there.

She writes poetry, some of which has been published, but her principal desire still is to make the grade as an actress. Hollywood thinks she will.

AGREE ON USES OF FUND FOR HIGHWAYS

RALEIGH, Aug. 21.—State highway and North Carolina league of municipalities officials, in conference here, agreed on a method of distributing the \$500,000 annual fund for maintaining state highways in cities.

Capus M. Waynick, chairman of the highway and public works commission, said the method was "a formula based on population, road mileage and need."

was presented with many gifts after which Mrs. Blanton and Mrs. Buetta served sandwiches, cakes and lemonade.

Oak Grove Couple Married In S. C.

Miss Leola Dixon Married to Toby Bell in Gaffney, Mrs. Wright Entertains Niece.

(Special to The Star) OAK GROVE, Aug. 22.—Dr. C. J. Black pastor of Oak Grove continues to improve. Dr. Black is now at his home in Bessemer City.

Mrs. Floyd Champion has been very sick for the past week. The doctors are not sure yet, but have stated her illness is probably typhoid fever.

Little Betty Lou Philbeck was brought home from the Shelby hospital the last of the week and is getting along fine now.

Coming as a surprise to their friends here and elsewhere is the announcement of an event which took place Saturday evening in Gaffney, S. C., when Miss Leola Dixon became the bride of Toby Bell. Both are of this community.

Mrs. Bell is the only daughter of Mr. and Mrs. Will Dixon, while the groom is the son of Mrs. Mae Bell. Mr. and Mrs. Bell are making their home with the groom's mother.

Mrs. Essie Wright delightfully entertained at her home here Saturday evening with a shower, honoring her niece Mrs. Horace Bell. About 20 were present and enjoyed various kinds of entertainments. After the entertainments Mrs. Bell

ADMINISTRATRIX NOTICE Having qualified as administratrix of the estate of A. W. Whitman, deceased of Cleveland county, North Carolina, she is to notify all persons having claims against the said estate to present them to me properly proven or on or before the 8th day of August, 1937 or this notice will be pleaded in bar of any recovery thereof. All persons owing to the said estate will please make immediate settlement to the undersigned.

MYRTLE WHELANANT, R. I., Administratrix of Estate of A. W. Whitman, deceased. 61 1/2

THE SNACK SHOP
On The Cleveland Springs Road Is Almost A Restaurant
Clean, Fresh Sandwiches. Fountain & Bottle Drinks. Come Out—It's Nice and Cool.

Just Ten Years Ago
(Taken From The Cleveland Star Of Monday, August 23, 1926.) Will Padgett, who lives out on highway No. 20, west made a survey of his farm a few days ago, taking four rows in different fields, embracing thirty acres planted in cotton. He counted the bolls on a number of stalks in this area and found an average of more than eight bolls to a stalk.

GUS GULFSPRAY
HE ALWAYS GETS HIS BUG!
THIS PICNIC PARTY'S JUST BEGUN

GUS GULFSPRAY
BUT HERE COME FLIES TO SPOIL THE FUN!

GUS GULFSPRAY
WE'LL GIVE THESE BUTZERS A SURPRISE!
WE'VE KNOCKED 'EM DOWN—NO MORE TO RISE!

GULFSPRAY INSECT KILLER
Flies drop dead—when Gulfspray hits 'em. Mosquitoes, roaches, ants and moths never come back to life after a shot of Gulfspray. Absolutely tasteless. Mild, pleasant odor. At neighborhood and dept. stores or Good Gulf dealers, 49c pint.

Rudolph Valentino, chief of the movies and one of the most widely known stars of the screen, is dead.

Dr. J. Sibley Dorton, secretary of the big Cleveland county fair, has definitely decided to visit Philadelphia within a week or so for the purpose of viewing the mammoth sesqui-centennial there for ideas concerning exhibit and exposition promotion.

Ladies Advised To Taste Powder
NEW ORLEANS, Aug. 21.—(P)—Ladies! Taste your face powder. That is the advice Victor Brant, director of the National Institute of Cosmetic Science, gave in an address to the All-American Beauty Schools association's convention here.

For Bad Feeling Due to Constipation
Get rid of constipation by taking Black-Draught as soon as you notice that bowel activity has slowed up or you begin to feel sluggish. Thousands prefer Black-Draught for the refreshing relief it has brought them. . . Mrs. Ray Mullins, of Lake Art, writes: "My husband and I both take Theodore's Black-Draught and find it splendid for constipation, biliousness, and the disagreeable, aching, tired feeling that comes from this condition." With reference to Syrup of Black-Draught, which this mother gives her children, she says: "They like the taste and it gave such good results."

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Mt. Sinai Revival To Begin Aug. 30
(Special to The Star) MT. SINAI, Aug. 21.—The revival service will begin at Mt. Sinai the fifth Sunday night and will continue through the week, night and morning with our pastor, Rev. J. L. Jenkins preaching.

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CORN \$1.00 **WHEAT \$1.20**

Carolina's Finest Flour

OATS 60c **Eagle Roller Mill Co.** **RYE \$1.12**