

CRACKS IN CEMENT NO SERIOUS DEFECT

STATE DEPARTMENT SHOWS

Issues Statement Explaining How Fissures in Concrete When Properly Filled May Be Beneficial

In an attempt to correct an impression which seems prevalent among a number of people over the state that cracks in the surfaces of the state highways are indications of their early destruction, the State Highway Department at Springfield has issued the following statements regarding the various cracks which form in pavements.

"Concrete as any other material which is subjected to various temperatures as the different seasons impose must expand and contract. This stretching of the concrete in the summer and shrinking in the winter causes cracks to form across the pavements. Immediately after the cracks are formed they are filled with tar or asphalt which, due to their elastic qualities allows movement of the concrete without further cracking and at the same time presents a smooth surface over which the traffic passes.

Expansion Joints

Expansion joints placed at equal intervals down the pavement are used in some states but as no special advantage is derived from the use of these points and as the casts of these joints add considerable to the cost of a mile of road, Illinois prefers to let these expansion joints develop as nature would have it. These cracks are absolutely normal and are not injurious to the least extent. They might be compared with the gap left between railroad rails to allow the expansion of the metal.

"The longitudinal crack down the center of the road also has been criticized as a fault in the pavement. To some it would probably be a surprise to know that this crack is developed by a construction feature of the Illinois standard design. As longitudinal cracks inevitably occur in pavements regardless of precautions taken to prevent them, it then remains to the engineers to control these cracks to the best advantage of the road. For this reason Illinois uses a metallic joint placed in the center of the pavement to force the longitudinal crack to appear directly down the middle of the road. Since this control joint has been in use the ragged, unsightly crack down the pavement has disappeared and a straight joint has been obtained which, in addition to its many technical advantages, acts as a dividing line for two way traffic.

Corners Crack

"The only crack which is at all injurious and which should be repaired immediately is a corner crack which separates a small area of concrete from the pavement. There is not only a possibility for a settlement of these small areas with a consequent forming of an uneven surface, but there is also the tendency for these areas to gradually work away from the rest of the pavement. The presence of a steel bar placed along each side of the pavement six inches from the edges does much to prevent the breaking off of corners and the result is that Illinois has had practically no failures of this nature since this design was adopted in 1921.

No Cause for Alarm

"It is, therefore, quite evident that there is no cause for alarm at the appearance of cracks in state highways. The design of this year's pavements is identical with that used in 1921 and the same rigid inspection of materials and construction is present as in previous years.

"Tests on the Bates Road which contained 63 different sections of pavements proved that the Illinois standard design of pavement was correct. That a number of other states have adopted this design as their standard is excellent proof that Illinois pavements are of the strongest and most economical highways that can be built."

PETIT JURY LIST IN CIRCUIT COURT

Summoned for Service October 30 in Circuit Court at Waukegan

- Following is the list of petit jurors called in the circuit court on Oct. 30:
- L. J. Slocum, Newport.
- Chas. Bransky, Antioch.
- Leslie Crandall, Antioch.
- Frank Gerretson, Grant.
- Barney Norton, Grant.
- S. B. Barnstable, Lake Villa.
- Jack Cashmore, Avon.
- Peter W. Newhouse, Avon.
- Jowett Bairstow, Waukegan.
- Wm. Foster, Waukegan.
- G. A. Graves, Waukegan.
- James Minogue, Waukegan.
- Chas. Enmarke, Shields.
- Andrew Schaffner, Shields.
- Ed. Washburn, Shields.
- John Dryer, Libertyville.
- Martin Wagner, Fremont.
- Fred Thomas, Wauconda.
- George Fosse, Ela.
- Daniel Sturm, Ela.
- Wm. Wewetzer, Ela.
- Fred Mau, W. Deerfield.
- H. Lehr, Deerfield.
- E. P. Riley, Deerfield.

The new Elm Place Intermediate School, showing the proposed Public Auditorium at Left



Finish the Job

There is every reason to complete the Elm Place school building now, despite the failure of the bond issue fund to reach the total required for that purpose. Financiers already are planning a way out of the difficulty, and it is to be sincerely hoped that they will be successful in preventing delay in the construction work. Highland Park and the Elm Place district cannot afford to have a school building standing, if only for a few months, with the second story unfinished. The building should be completed without delay.

And Elm Place school should have an auditorium. The mistake made in stopping short of an adequate structure of this character for the Deerfield-Shields high school should not be repeated in the case of the Elm Place group of buildings. Now is the time to do the entire job thoroughly, leaving nothing to the future except the natural increases, which growth in population may demand. If the Elm Place school does not get an auditorium now, it may be years before the project can be revived. Can the patrons of this district afford to deprive the children of this generation of facilities equal to those of schools in other cities of this size? Stand by the children. Give them the best possible opportunities. They are young but once, but once will they pass through this period of preparation. Give them every chance. Build them an auditorium that will be an invaluable service to the school in various ways and of incalculable benefit to the community at large.

CLAM CASE GOES TO SUPREME COURT

INTEREST IN ILLINOIS

Want Ruling to Determine If Shell Fish Is "Wild" Or Not; Rights of Fishermen Involved

The case of the clam has been carried to the supreme court of the United States. A decision is sought to decide the ownership of clam and the rights of clambers. As many tons of these shells are removed from Rock River annually much interest will be taken in the case.

The case is docketed as James S. McKee and others against Benjamin Gratz and was brought to have reversed the decision of lower federal courts holding that the fresh water mussel, found in the Mississippi river and its tributaries, and from whose shell "pearl" buttons are manufactured, when taken from non-navigable streams is the property of the owner of the land.

Will Define Liability

Importance is attached to the case because it is expected to bring from the court a decision which will define the liability not only of fishermen and hunters, but of those who purchase fish, birds or game killed by trespassers as well as the pelts of animals trapped or killed by them.

Button manufacturers in Iowa are prosecuting the appeal they having purchased quantities of mussel shells taken from Little river, Missouri, from streams on property controlled by Gratz. During the litigation the mussel has been decided at various times to be a "migratory fish" and an "animal." Some courts have held it to be a "wild" animal and the property of the owner of the soil where taken.

In a brief presentation of the case, as the court was adjourning for the day, counsel for the plaintiff held the clam was a "domestic" and not a "wild" animal. He insisted as the chief justice and several of the associate justices broke into open laughter that the phlegmatic, sluggish shellfish sometimes living in one place for 25 years could not legally or otherwise be considered "wild."

Dr. Harold B. Wood of Dodge City, Kansas, has been secured as health director at Bloomington to succeed Dr. J. M. Furstman who resigned recently to accept a position as medical school officer at Peoria.

INVESTIGATING AIR AND LAKE CURRENTS

Northwestern Professor Is Engaged in Interesting Research Work

Director John F. Hayford, head of the engineering school of Northwestern University, has returned from Washington, D. C., where he attended a meeting of the national advisory committee on aeronautics. Director Hayford was re-elected chairman of the sub-committee on aerodynamics and participated in a conference at Langley Field, Virginia, which lasted several days. The advisory committee went down to the field and came back from it on the presidential yacht "Mayflower."

Director Hayford also reported to the Carnegie Institution respecting his recent statement on evaporation, lake levels and related topics. The printed copies of this report, he says, are now off the press. The inquiry which he and several assistants are conducting, financed by the Carnegie Institution, will proceed another year. At the end of that period Director Hayford hopes to have something of a concrete nature to announce relative to the stream flow of waters tributary to the great lakes and as to the control of lake levels by the construction of movable dams in the Niagara and St. Lawrence rivers.

SEMI-CENTENNIAL OF UNION CHURCH

November 12 and 13 Dates for Notable Event to Occur in Glencoe

Sunday and Monday, November 12 and 13, are the definite dates for the celebration for the semi-centennial of the Glencoe Union church, Douglass H. Cronell, pastor.

The first semi-centennial service is scheduled for 12 o'clock Sunday, November 12, when there will be Communion and reception of the members, commemorating the first service in the original Union Church in 1872.

"The fall training class of the Decatur and Macon County Hospital Nurses' Training School," says the Decatur Herald "began work last week with 14 students beginning their training. The addition of these young women to the school makes the total number of nurses in the hospital 51."

Good many folks may call for kick, but very few want any kickers.

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Catnip-Canary Seed and Orange Blossoms

How "The Cat and the Canary" Famous as a Mystery Play Developed an Unexpected Influence on the Matrimonial Market.

IN ADDITION to its claims to popularity as a thriller, a mystifier and a laugh-provoker "The Cat and the Canary," Kilbourn Gordon's production of John Willard's famous play, has unexpectedly developed as a first-aid to matrimony in almost continuous dark scenes, its terror-filled moments encourage defiance of the conventions and have led to many a hand-clasp that in turn have led to avowals long withheld on trembling lips. It is a positive find for the bashful swain who has been trying for weeks to back up courage to hold the One Girl's hand, for here is a play that will make the One Girl reach out and grasp the Bashful Swain of her own will and accord, the while the chills run up and down her spine, as the "Cat" pursues the "Canary" through three acts filled with blood-curdling situations.

And, of course, once the ice is broken it is but a short hop, skip and jump to the marriage altar.

It is many months since the opening performance of "The Cat and the Canary" in New York City, where it is still running, but not until very recently



did Mr. Gordon know how much more than a merely popular play he had given the world. The first intimation of something else came in the form of a wedding invitation accompanied by a note that read in part:

"YOU WILL BE SURPRISED, NO DOUBT, TO RECEIVE A WEDDING INVITATION FROM A TOTAL STRANGER, BUT I WISH TO EXPLAIN THAT WERE IT NOT FOR A VISIT TO YOUR SHOW I WOULD NOW BE BACK ON MY OHIO FARM, A DISCOURAGED, DEFEATED, COWARDLY BACHELOR.

"INSTEAD, I HAVE WON THE GIRL OF MY HEART, ALTHOUGH FOUR WEEKS AGO I DIDN'T DARE BELIEVE THAT I HAD A CHANCE. . . I TOOK HER TO SEE THE 'CAT AND THE CANARY' AND THE FIRST THING I

KNEW SHE WAS SNUGLING UP TO ME AND GRIPPING MY ARM NEAREST TO HER - AND I WAS AFRAID TO BREATHE. WHAT WITH BEING SO SURPRISED AT HER ACTIONS AND ALSO SCARED TO DEATH (THOUGH I WOULDN'T TELL HER SO) AT WHAT WAS GOING ON ON THE STAGE.

"WELL, BEFORE THE SHOW WAS OVER I WAS CALLING HER MARY AND SHE WAS CALLING ME JOE - AND WE'RE GOING TO BE MARRIED TUESDAY AS YOU CAN SEE BY THE INVITATION.

"OF COURSE WE KNOW YOU WON'T COME TO THE WEDDING BUT WE JUST WANT YOU TO KNOW HOW YOU HAVE BROUGHT HAPPINESS TO OTHERS - EVEN IF YOU NEVER HAD THAT IN MIND."

This was but the first of a dozen or more testimonials to the efficiency of the famous mystery drama as a first-aid to Cupid, and Mr. Gordon is very happy over the totally unexpected influence "The Cat and the Canary" has exercised upon the matrimonial market.



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