

Arkansas Highways

MAGAZINE

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1959

PICTURE OF THE MONTH



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Issued monthly for and by the employees of the Arkansas State Highway Commission as a medium of departmental news and other information.

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James H. Crain
Glenn F. Wallace
Arnil Taylor

Director of Highways

F. R. Oliver

Chief Engineer

Ward Goodman

PICTURE OF THE MONTH: The week of October 5 Blytheville held its 20th annual National Cotton Picking Contest. The picture shows some of the contestants trying for the \$1000 first prize. The man with the camera is Bill Kobert who covered the event for the National Geographic Magazine.

COVER PICTURE: This aerial shot shows the White River swinging bridge at Des Arc. One of the oldest in the state, the bridge was built in 1928, and is approximately one-half mile long with oak flooring. R. C. "Bob" Turner piloted Johnnie Gray to make the picture.

Prepared and edited in the Personnel Division

Martha L. Adams - editor, vari-typist
Billie R. Hatcher - vari-typist, artwork

Johnnie M. Gray - Highway Department photographer

Seeing Under The Ground

THE EARTH RESISTIVITY APPARATUS

by R. M. Newsom, P. E.
Materials and Tests

The Arkansas Highway Department has an instrument that sees under ground. It can tell the depth of soil over a layer of rock and the thickness of the rock strata; it can determine the presence of granular materials such as sand or gravel under an overburden of clay or silt; and it can tell whether an exploratory drill has hit an isolated boulder or a thin seam of rock or whether it is actually solid rock. All these things are important in that they take the guesswork out of planning and can prevent costly failures.

Of course, all this information can be secured by drilling, but drilling is slow and expensive and sometimes misleading. In practice, the apparatus is used to tell where to drill, and to expand the results of one drill hole over a large area.

The apparatus consists of four electrodes; two to put current into the ground, and two to take it out, with a sensitive milliammeter to measure the current put into the ground, and a galvanometer, potentiometer and graduated resistance to measure the voltage taken from the ground, together with batteries and wires, reversing switches and a calibrating circuit.

The operation consists of placing the potential electrodes on the ground at a chosen distance away (usually one and one-half feet) from the point chosen as the center of the depth test, and in the same straight line, the current electrodes are placed three feet further making the distances between electrodes equal, or in the case of the first test readings, three feet.

The current is turned into the ground and measured in thousandths of an ampere, and taken out at the potential electrode and measured in thousandths of a volt. These readings are recorded, the current reversed and the test repeated, and the readings averaged.

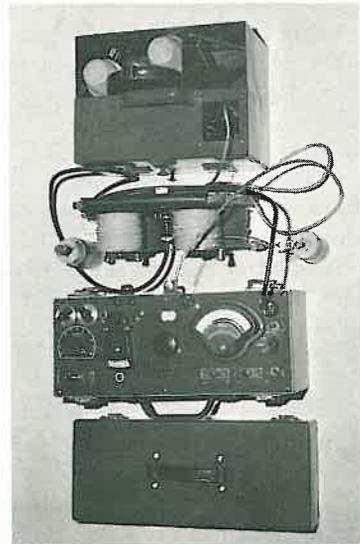
Since the current will radiate equally in all directions in a homogenous material, the potential electrodes are picking up the current at the points of a hemisphere, the radius of which is equal to the distance between the potential electrodes, or in this case, 3 feet. The average resistance per cubic centimeter of the volume of the hemisphere can be computed by a simple formula.

The tests are repeated at spacings of 6, 9, 12, etc. feet, representing the average resistance of hemispherical bowls of material with this radii.

If material of higher or lower resistance is encountered, its influence will be shown in the average resistance. If these resistances are plotted graphically, they will show a series of rising and falling curves. The points of inflection of the curves will represent a change in material at the depth indicated on the graph. Or the curves can be graphically integrated into a series of slopes, each slope indicating a material of different resistivity. A third method of interpretation is to compute the specific resistance of each layer. Any or all of these computations can be done very quickly with a slide rule.

In similar geological areas, similar resistivity curves will indicate similar materials but until these similarities are established it will be necessary to correlate the resistivity with borings. Still, there is a decided advantage in supplementing and expanding borings with resistivity methods, since four men can take and compute a 50-foot test in 30 to 40 minutes, while to drill a hole to the same depth would take from three to 16 hours, depending on the material encountered, and involve the operation and maintenance of expensive equipment.

To sum it up, resistivity surveying cannot do everything, but it can do a lot, and do it quickly and cheaply. It is another useful tool to help us build better highways more economically.





ASSISTANT ENGINEER... PROCEDURES EXPERT

**The two are synonymous
with Jack Teasdale - our
Personality of the Month**

Jack Teasdale joined the Arkansas State Highway Department in its much earlier days and went through that great period when roads were first located, built, and paved across the state. We might add that all of these roads were long enough. As of now, however, many of them are not wide enough or thick enough, but at that time who could envision "box cars" traveling up and down a road? Jack, as well as all others who had a part in that monumental undertaking, has just reason for being proud of the part they played.

The soundness of the planning and ability of those who pioneered in this field is shown by the fact that these roads remain, for the most part, on the original locations, and time and increased use have necessitated only a thickening and widening of the surface. Even our new Interstate System parallels these first main roads, giving proof of the ability of our earlier engineers.

Jack started life in Newburg, Missouri 53 years ago, but his good looks belie that figure. At the very young age of five, he left there with his parents, the late G. E. and Maude M. Teasdale, for New Mexico. Until he was ten Jack led a very exciting life in the new surroundings. His father, a wholesale groceryman, often took Jack along with him on his wagon, to deliver groceries and other supplies to the Indians who lived on three reservations in the territory. But this was to end when his father passed away.

An only child, he and his mother left New Mexico, and on the advice of a friend, Mrs. Teasdale, a nurse, and young Jack, came to Little Rock where she got a job as head nurse at the old City Hospital when it was located at Second and Sherman streets. Mrs. Teasdale was partly instrumental in getting the new City Hospital which was built in McArthur Park. Subsequently she became head nurse at Baptist Hospital.

During the summer months while a high school student at Little Rock High School (now Central), Jack worked with the Little Rock City Engineers under the tutelage of Glenn Douglass. Perhaps this experience laid the groundwork for his future with

the department. Before this, however, Jack had plans to become a doctor. The pervading influence of the healing art at the hospital where he and his mother had living quarters, rubbed off on Jack. He was often present when the ambulances, with sirens blaring, brought in the emergency cases. Disenchantment with the whole business set in one day when he assisted a lone interne in setting a broken arm and he discovered that he didn't have the stamina for the medical profession. His knowledge that he picked up was utilized later, when he was in the Navy as a hospital corps technician. Incidentally, this military stint is the only break in his 32 years of Department service which started in June of 1927, in Surveys.

After a year or two in field and office engineering work, Jack elected to make federal aid procedure his life work and he served in the office of various federal aid engineers. It was a wise choice as federal aid procedures soon became a bugaboo not only to the Highway Department, but to all state agencies dealing with the federal government. Federalize, as it is sometimes called, became a field for experts and Jack is now one of them. He is an authority on p.p.m.s. and g.a.m.s., ect., among other things. Jack knows how many copies of each memorandums go to whom, and, as it has been facetiously said by some, whether the copies go by way of the Panama Canal or by other more direct routes.

Mary E. Billings, a young college student, had been attending Baylor University for two years when Jack came along. She decided to chuck it in favor of him. The couple were married on June 29, 1929 at Little Rock. Their only child, Mrs. Patricia Ann Allen, resides at Houston, Texas, but visits her parents without fail twice a year.

Their entertaining is limited to casual visiting with long-standing friends, most of whom are Department employees, and playing poker. Jack and several cronies he has known as long as 35 years, formed "The Downtown Poker Club" some time ago, and once a month the male members

day at someone's home while the wives are busily playing at another. During the rest of the month the wives and husbands get together for mixed games. Mrs. Teasdale also enjoys an occasional game of bridge and does a little gardening. Jack's love for fishing just about equals his fondness for poker, and he used to cut quite a figure on the tennis court as well as golf courses. He doesn't do much of the last two anymore, however. Jack is on the Board of Directors of the Arkansas Engineers and Associates, and they belong to the Pulaski Heights Methodist Church.

Jack, whose education included night classes at Little Rock Junior College, and ICS courses, is quite contented and happy as engineering assistant. If perhaps there is some regret about not having gotten his engineering registration, it doesn't show. His type of job is simply on a different route than the engineer's, but equally essential to the Department. No agency dealing with the federal government can operate without procedure experts and Jack is one of the best.

A very personable and kind individual, he absolutely refuses to speak against anyone. Any disparaging remark about someone made in his presence usually backfires as he will defend the person by pointing out a good quality, or make no comment at all. This quality plus many others, accounts for his popularity in the Department, and his friends are many.

W. W. Mitchell, former engineer of County Roads before his retirement, often said of Jack, "He is almost my right arm." His present boss, Harry M. Wright, depends on Jack to handle all matters of procedure for the division, and is unofficial advisor to some procedure men in other departments.

As Mr. Wright has put it, "Jack alone keeps us from falling into the federal pitfalls."

B. K. COOPER ATTENDS ENGINEER'S MEETING

B. K. Cooper, head of the Traffic Engineering Section, attended the 29th Annual Meeting of the Institute of Traffic Engineers at the Hotel Commodore in New York City during the week of September 13. Representatives from all state highway departments, the Bureau of Public Roads, and some foreign countries attended the meeting, together with city planners from most of the major cities, engineering consultants, and delegates from several universities. Billy reports a most informative and interesting meeting, and he is full of new ideas for better traffic engineering in Arkansas.

Pride...

This is an article about *pride*. Not vainglory but pride of achievement - pride of association.

The time was, and it was not so very long ago but what many of us can remember when the roads of Arkansas were little more than rutted trails and travel for the most part was confined to the dry seasons and distant traveling was seldom contemplated. A proud people were dissatisfied with a condition that reflected upon them and which curtailed their social and commercial activities. And so out of a dissatisfaction with that condition there was born a Highway System.

The trail has been long and there have been failures as well as successes visible in the backward view but men and women of pride have given of the best that they had to produce a highway system in which you and I can take pride.

Your Highway Department, with over three thousand employees and thousands of miles of roads; with its authority to spend millions of dollars for something that touches the life of every man, woman, and child in the state, either directly or indirectly, is one of the greatest projects in our state. You and I are part of that organization. To you has come the right to a pride in your contribution. To dedicated men and women such as you, the compensation for your time has been secondary to your pride of achievement. In a pride of a job well done.

Organizations the size of ours are bound to employ men and women with various backgrounds but who for the most part have a common purpose - They are the men and women in whose association you and I take pride, and it matters not of what your particular job consists, you are definitely a part of the activities that go into the existence of the finished product known as the Arkansas State Highway System. It may be that your job may appear minor, but whether it be a clearing of right-of-way, the negotiation for land, the hours at the drawing board, or in the field with instruments, the tiresome typing of land descriptions, and the computing of data, the endless paper work from which flows paychecks and records, each and everything is vital and without it there could be no functioning of the Department.

There is something more to a watch than a mainspring and some wheels. Each and every screw and jewel regardless of how small, is needed for the watch to function, and so it is with us. How well your work has been done, it would be idle for me to say, but the results speak for your efforts and your pride in your accomplishments and this is our way of a pat on the back for each of you and the expression of our pride not only in achievements but in association with you.

CONTROLLED ACCESS

THE CUL-DE-SAC DOCTRINE

"The states are sharply divided on the question of whether the owner of a property abutting on a street turned into a cul-de-sac is entitled to compensation. Some courts hold that the right of access extends in both directions to the next intersecting street. This view not only rejects the possibility of police power action, but redefines the historical extent of the right of access in order to accord with a feeling that the property owner should be compensated. The states taking this position limit compensation to owners on the first block. Owners of property in the next block are not entitled to compensation although their loss in dollars and cents is substantially the same. There is, however, considerable authority that even the owners on the first block are not entitled to compensation, either because the right of access has not been impaired, or because impairment has been accomplished through exercise of police power. The later view is more consistent with the underlying rationale of right of access." *Stanford Law Review*, Vol III, No. 2, p. 307, (1951).

In the years since 1951, the cul-de-sac problem has grown, in particular, since the 1956 Federal Aid Highway Act established the Interstate System and multiplied the potential situations enormously. A cul-de-sac is a road or street having only one connection with other roads or streets. Its most familiar appearance is probably the urban "dead-end street," or "blind alley."

The cul-de-sac situation is often, perhaps usually, involved with circuitry of travel in some degree (since existing cul-de-sacs are not the problem, damages, if any, having already been settled) as indicated unspecifically in the closing example included in the discussion last month. And, as pointed out in the closing paragraph of that example, both the circuitry of travel and cul-de-sac doctrines are operative only if the property does not abut upon the closed or vacated portion of the road or street.

This overlapping situation is illustrated in a case where the complainant's property abutted upon a road which was vacated at a dangerous railroad crossing. This cut off the complainant's prior route to travel to a village only a few hundred feet to the east. The present road is relocated from its former position at a point southwest of the complainant's property, passing south of his property and crossing the railroad on an overpass to rejoin the old road at a point east of the tracks

and beyond much of the village. Complainant's property is now, by road travel, about five-eighths of a mile distant from the center of the village. The circuitry of travel has increased his travel distance about five times. He attempted to recover damage for the resulting cul-de-sac and loss of convenient access. The court held that he suffered no special damage, since he still had a reasonable access to the road system via the remaining terminus of the old section of road. The court said: "*Owners of property along the highway near the crossing probably all suffer from the surrender of the public easement at that site. And it seems a loss which many have customarily travelled that way must suffer some degree. The surrender is made by officials empowered to act on behalf of all the public, including those who, like the complainants, depend more or less upon the use of the crossing in their daily occupations. It could not be said that the property of any of these users, at least property not actually deprived of all access, is to be taken unless it can be said that the location of the public easement at that site gave them superimposed property rights against the public as a whole, and this we think it did not do...their right has been only that secured to the public as a whole, even though by reason of the location of their properties it is of greater usefulness to them than to others of the public. The question under the Constitution is not one of comparative usefulness, or loss, to one property or the other from the shifting of the crossing, but one of taking private properties in doing it. And in the opinion of this court, the mere surrender of the easement of the crossing at the former site, whatever may be the inconvenience or loss resulting to owners of the nearby properties, cannot be regarded as a taking of these properties.*"

Another approach to the problem has been to draw a parallel between the cul-de-sac and the one-way street. There is little or no question but that municipal corporations by their police power may create one-way streets. Generally one-way streets are the result of the exercise of such police power, hence compensation need not be paid. But the creation of a one-way street definitely restricts the direction of ingress to and egress from property abutting on such a street. Yet, it is usually held that there is no compensable injury to abutting property owners on these streets. The effects of a one-way street are rather similar to those of a cul-de-sac and it has been urged that

distinction should be drawn in the resulting effects from creating a one-way street or a cul-de-sac.

Virginia, years ago, established a judicial precedent on right of access which was firm and clear. It held that the right of ingress to and egress from his lot by an abutting landowner by way of the street is a private right, the taking of which must be compensated only if no other way of ingress and egress is left open. Undoubtedly, it has presented the Virginia taxpayer from being victimized by grasping opportunities and speculators, while saving many thousands of dollars for road and street construction.

The bulk of the cul-de-sac problem prior to the last decade arose out of railroad construction in metropolitan areas but the development of the planned access concept in highway design has extended it through the nation, impartially, in both rural and urban areas.

An early California case based on the construction of a limited access way took the opposite extreme to the Virginia opinion mentioned above. Here the complaint arose where one of the two entrances to the street upon which the plaintiff's property abutted was closed by lowering the intersecting street fifty feet in the construction of an expressway. The majority opinion held that plaintiff's easement of access permitted him not only to get onto the street immediately in front of his property, but also to have access to the next intersecting street in both directions. The court said and note it has qualifying restrictions:

"There is more than merely a diversion of traffic when a cul-de-sac is created. The ability to travel to and from property to the general systems of streets in one direction is lost. One might imagine circumstances in which recovery should not be logically applied, but we are here concerned with the particular facts of this case and do not purport to declare the law for all cases under all circumstances."

The eminent domain clause of the California Constitution had been amended, prior to this case, to read "taken or damaged" rather than "taken" only, thus, inviting conflicting and cloudy opinion. The minority dissenting opinion in the above case held that there were no special and compensable damages and is often cited - perhaps more often than the majority opinion.

The 1958 Iowa Supreme Court decision on the case involving the Interstate application of the circuitry of travel doctrine, which furnished the closing quotation of the last article, also took up the cul-de-sac doctrine in Iowa and set out thus: *"It is apparent that the plaintiff here will suffer considerable inconvenience in being shut off from her previous direct access to her lands*

lying west of the point of closing the secondary road at its intersection with (Interstate) highway No. 35. Her home property on the east of the intersection will be in a cul-de-sac, and her travel can be only to the east instead of both east and west. Nevertheless, her means of access to the general highway system is not impaired. that is to say, she has the same means of ingress and egress to and from her lands as before. Her damage is greater in degree than that suffered by the general public; but it is not different in kind, which is the ultimate test. The greatest good of the greatest number is the criterion which the authorities, having charge of the building, alteration, and maintenance of the highway systems in the state must follow. In the absence of any showing of fraud or bad faith their judgement is final. It cannot be reviewed by the courts."

Last of three articles on legal doctrines involved in planned access: first article, "The Diversion of Traffic Doctrine;" second, "The Circuitry of Travel Doctrine." Next Issue: Eminent Domain versus Police Power.

RECORD HOLDERS

As any ardent baseball fan knows, baseball record books are loaded with statistics like these:
Most home runs, season - 60, George H. Ruth, New York, AL, 151 games, 1927.

Which leads to the thought that if office records were kept in the same manner, they would look something like this:

Most mornings late during year, 47 - Oliver Overslept.

Chiseled most cigarettes in one day, 22 - Peter Bummer.

Laughed loudest at boss's joke (volume broke audiometer) - Robert Applepolisher.

Most times said, "It always rains when I leave my umbrella home." in year, 63 - Bertram Bromide.

Visited water cooler most times in one day, 27 - Richard Dawdle.

Ate most doughnuts during coffee breaks during year, 261 - Peggy Phatso.

Looked at clock most times in one day, 59 - Lizbeth Lethargic.

Took longest lunch hour, 2 hours, 7 minutes - Cindy Curvy.

Most times said, "This is a sorry excuse for a week's pay." during year, 52 - Gerald Griper.

Harold Winerip

A certain automobile driver must have been joking when he said that he keeps from going to sleep at the wheel at night by closing his eyes until he counts to ten. If he gets to ten with his eyes closed, he is so scared that he is wide awake from there on.

New Seeding Process Developed

Newest process to quickly establish sod on embankments and levees, is a development of International Paper Company. Heart of the process is a slurry of specially prepared wood pulp, fertilizer, grass seed, and other additives, which is blown over the exposed surfaces. The fibrous mixture adheres to the surface of the ground, protecting it from erosion, while the grass grows through. The process employs a 1500 gallon slurry tank, a pumping unit, and a modified Rotomist Blower which permit an experienced operator to spray-plant four-tenths of an acre in ten to twelve minutes.

Once the slurry tank is properly charged, only two men are needed to operate the equipment...the sprayer operator and the truck driver. Communications between the two is by battery powered telephone. The operator controls the direction and tilt of the sprayer to apply the slurry in a sweeping motion as the truck moves forward.

With the company's new soil stabilization process it is possible to apply 150 gallons of slurry per minute with a high speed air blast. The sprayer will revolve in a 360 degree circle on a horizontal plane, and has a vertical tilt from 90 degrees (straight up) to 130 degrees (when depressed). Its effective range in quiet air is between 100 and 125 feet.



Photos by W. W. Lavendar, Mobile, Alabama

Editor's Note: This machine was mentioned in an item last month when we wrote about Travis Orton, Sr. attending at Tallahassee, Florida, the Soil Stabilization Meeting, sponsored by the International Paper Company. Our thanks to Tom Campbell, public relations officer of the Southern Kraft Division at Mobile, Alabama, for supplying the pictures of the machine. It is hoped that the machine will be demonstrated in Arkansas in the near future.



NEWS BITS....

Nine of our key personnel took off Wednesday, October 7, for Boston, Massachusetts, for the 45th annual meeting of the American Association of State Highway Officials (AASHO).

The official proceedings got under way on October 12 and adjourned October 16, however, pre-sessions were held from October 9-11. All meetings were held in the Statler-Hilton Hotel.

Those attending and their wives were: F. R. Oliver, Ward Goodman, W. C. Johnston, E. F. Nelson, C. A. Shumaker, George Fry, H. R. Lucas, and E. E. Hurley.

Neill Bohlinger, legal administrative assistant, was guest speaker at the Arkansas Association of Civil Engineers luncheon and meeting on September 14, at the Albert Pike Hotel. Mr. Bohlinger, an authority on history, particularly the Civil War, spoke on "The Battle of Pea Ridge."

H. C. (Hank) Sellers, resident engineer in District 4, retired September 30 after 20 years of service with the Highway Department.

Hank, who reached 70 years young on October 13, is a native of Amsterdam, New York. He received his education there and took a civil engineering degree from Rensselaer Polytechnic Institute, Albany, New York, in 1912. He began his career of 20 years with the Department in 1923 as assistant district engineer in Construction. Subsequently he was in capacities of district

engineer, maintenance superintendent, assistant bridge engineer, and district maintenance superintendent, until he was appointed resident engineer in District 4 in 1953.

One of the Minute Orders at the Commission Meeting on September 30, was authorization of Mr. Oliver to change the organizational designation of the Division of Statistics and Analyses to the Division of Planning and Research. The change became effective on October 1. (And not a bit too soon. *Statistics* is always hard to say.)

Each year the Star City Chamber of Commerce invites AHD personnel to attend their meeting which pertains to highway matters. This year is no exception. The meeting was held Monday night, October 5. Those attending were Director Oliver, Commissioner Lawrence Blackwell, H. R. Lucas, John S. Harris, Jr., and R. B. Winfrey. Chief Engineer Ward Goodman was unable to attend.

All AHD employees who are members of the Group Life and Hospitalization Insurance Plan, were recently mailed a schedule of revised benefits. The notice replaces all other Certificates previously issued by the First Pyramid Life Insurance Company, insurers of the Group Plan. The changes became effective October 1, 1959 and it is urged that the notice be *attached* to your insurance policy.

The opening of the new U.S. Highway 70 between Benton and Hot Springs, was formerly dedicated to the public October 23, at which time ribbon-cutting ceremonies were held. The Hot Springs Chamber of Commerce invited our Highway Commissioners, Director Oliver, and Chief Engineer Ward Goodman to be on hand to represent the Department.

Bob Gannaway, a member of the Speakers Bureau of the Community Chest, addressed three groups of Highway employees in the Pulaski County area September 25, in the Commission Room. Mr. Gannaway's speech and also a film which was shown, emphasized the need for contributions to the many agencies seeking help. Last year the Department received a statuette for having gone over its allotted quota. It is hoped that we will do a repeat performance this year.



ANOTHER STEP towards the completion of the Helena Bridge... Chief Engineer Ward Goodman is shown delivering the check for legal fees to Herschel Friday, attorney with the firm of Mehaffy, Smith, and Williams.

INFORMATION OFFICER RESIGNS



Pat Denson is shown at her desk before her resignation on September 30, to resume her duties as wife and golf companion to husband, Paul. Pat was information services officer for the Department for five years. Good luck, Pat.

Fred T. Leebrick, director of Accounting, J. T. Beavers, F. L. Wagner, and Carl D. Morris, also of Accounting Division, attended a pre-organizational dinner meeting of the Central Arkansas Chapter of National Association of Accountants at Coachman's Inn on September 22.

The chapter has set its organizational meeting date for November 9, when they will become charter members. A representative from N.A.A. Headquarters in New York, will present the charter. R. B. Keene and E. N. Orsini, accountants in the division, will become charter members although they did not attend the meeting.

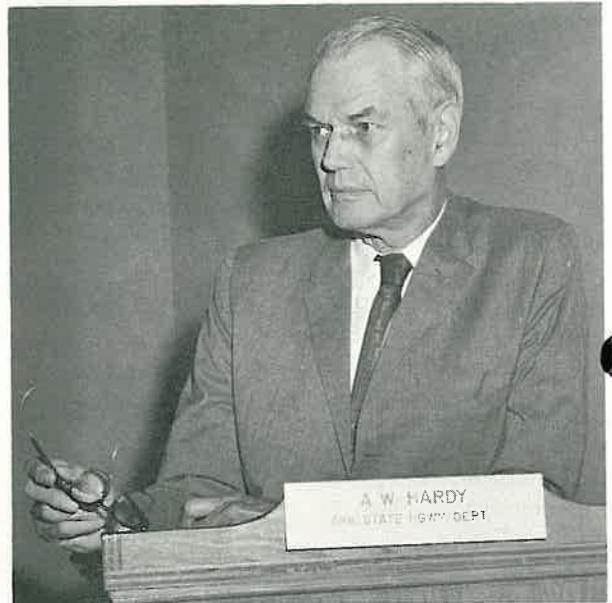
The purpose of N.A.A. are: 1. To provide opportunities for members to increase their knowledge of accounting practices and methods; and 2. To develop through research, discussion, and exchange of information a better understanding of the nature, purposes, and uses of accounting as applied to all types of economic endeavor.

Frank Anderlick and Dan Watts, Fort Worth, Texas, and J. Trapnell, Washington, D. C., Bureau of Public Roads, attended conferences here October 6-8 to evaluate progress on the Road Life study which is now drawing to a conclusion after several years of work. When completed, this study will furnish our Department as well as the Bureau of Public Roads with several valuable tools for simplifying and improving the techniques and the efficiency of highway planning.

Robbie Parker of our Traffic Engineering Section met with the Mayor and City Council in Harrison October 5. After general discussions concerning the proposed rehabilitation of U. S. 65 through Harrison, the City Council passed an ordinance stating their acceptance of our traffic operation plan. They also agreed to change their present parking practices and to remove some unwarranted traffic signals.

Roadway Design plans for this project will be drawn and submitted to the Bureau of Public Roads, then upon their approval, to the city of Harrison.

A. W. HARDY MODERATOR AT CONFERENCE



A Utility Conference, sponsored by the Arkansas State Highway Department in cooperation with the United States Bureau of Public Roads, was held in the Auditorium of the Game and Fish Commission Building on September 23. There were two panel discussions, Engineering and Accounting, presided over by A. W. Hardy, utility engineer. The panels, composed of men representing the Utility Companies as well as Highway and Bureau personnel, discussed the problems encountered in the relocation of utility lines necessitated by the improvement or relocation of highways within the State of Arkansas. The 131 participants, from a 5-state area, were welcomed by F. R. Oliver, director of highways, and Eugene F. Nelson, director of Right of Way. Mr. Hardy has received several letters from officials of various Utility companies expressing their appreciation for this assistance in helping them solve their problems.

Secretary (on phone): "He's out to lunch but he won't be long. No one took him."



Around The Departments

RIGHT OF WAY

Betty Grimes

Eugene and Olive Nelson were hosts to the employees of the Right of Way Division, and their wives and husbands, at a buffet supper in their home on the evening of October 2. All those present enjoyed seeing the color slides the Nelsons made on their trip to Europe this summer. Perhaps they will get additional interesting pictures while on their trip to Boston where Mr. Nelson will attend the 45th National Convention of the AASHO. One of the highlights of the Convention will be a tour of the historic Metropolitan Boston Area. Wives of the delegates will also be treated to a visit to Lexington and Concord.

The Shrinorama was a "Howelling" success. George Howell took a couple of days to attend the gala festivities, then had to take another week in which to recuperate.

On a early October fishing trip near Clarendon, Billy Bob and Linnie Thrasher really hauled them in. They caught so many fish they didn't bother to clean them, just gave them away. The pups, Pistol and Junior, went along and had a fine time also.

Sometimes its just not safe to stay at home. A. W. Hardy declined an invitation to explore a remote Ozark region and went home to Magnolia instead. While in his own back yard he stepped on a loose rock and fell, breaking several bones in his foot. We hope he learns to use his crutches in time to attend the Convention of the Mid-South Section of the ASCE, in Jackson, Mississippi. He is past-president of the organization and is on this year's nominating committee.

That far away look in the eyes of several men in this division is caused by a severe case of "squirrel fever." George Lewis bought a hunting liscense, then forgot to take it along; however, that didn't stop him from killing seven squirrels.

The wedding of Maxine Robertson and Richard Wagner was solemnized in the Rectory of the St. Edwards Church on October 10. Their honeymoon will have to be postponed due to Uncle Sam having prior claim on the bridegroom. We wish them much happiness.

This month we have added one employee and lost two. Bernard Henry, has joined our Division as an appraiser. Bernard was formerly associated with Prudential Life Insurance Co. in their Mortgage and Loan Department. Bill Brady has left the Department and will be associated with the newly appointed Federal Judge, Gordon Young. Carolyn James has "retired" to await the birth of her fourth child. They hope this one will be a boy as they have about run out of girls names.

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 If the average annual increase of 15 per cent, which has prevailed over the last eight years, continues for the next five years, highway expenditures in 1965 will total \$35 billion, in the free world. The 1958 expenditures totaled \$17.13 billion.

### ACCOUNTING

Jimmy Shores

Several occasions were celebrated October 1, in our office. We all said "Best Wishes" to Claire Birch who is retiring to become a housewife; we welcomed back Margaret Wallace, who will take Claire's place; and congratulated Lee Wagner who was awarded a certificate for completing, on his own time, an IBM course at the IBM school.

By the way, have any of you seen the "rock" Peggy Eldred is sporting? The engagement announcement should be forthcoming soon.

Jim Watts and Jim Stringer went squirrel hunting... killed a rattlesnake, and came home. Are there any donations to fit these two with glasses?

Olin "Randy" Randle, spent the week end in St. Louis.

Margaret Allen attended a family reunion in Milan, Tennessee.

Ed Orsini, Jr., son of our Ed, is attending Tulane University on a fat scholarship he won at North Little Rock High upon graduation last spring. Ed, Jr. writes that he is very enthused about the school.

Blanche Smith is absent due to a painful, broken rib. We hope she recovers soon.

Fred T. Leebrick, our boss, and Verva "Penny" Pennington, until recently, an employee in Data Processing Center, pulled a fast one on us October 3. The couple were married at high noon in the Winfield Memorial Church. After a honeymoon through the Ozarks they will reside at 1920 Louisiana. We wish them both much happiness.

### DATA PROCESSING CENTER

Lana Tunnell

Congratulations to the newlyweds, the Fred T. Leebricks, who were married October 3. Mrs. Leebrick is one of our former employees. Best of luck to the couple.

Art Johnson and Grover "Smitty" Smith attended a closed circuit telecast of new IBM products in the Skyroom of the Lafayette Hotel October 5.

Gladys Plunkett's daughter Sue, who attends the University of Arkansas, came home over the week end for the Arkansas-Oklahoma football game. She dropped by to see her mother while here.

Erma Jetton's son Lane is attending Little Rock University and Jenny is secretary to the Dean of the Medical Center.

Your reporter has been honored with bridal showers prior to the BIG EVENT which will take place October 10.

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 Some people have read so much about the harmful effects of smoking that they have decided to give up reading.

MATERIALS AND TESTS*Julia M. Halliburton*

Jerry Stacks, former employee with us, and now stationed in Alabama with the Army, visited us recently. Always glad to see our former co-workers.

Congratulations to Billie Wood, who received his 10-year Service Pin and Certificate of Merit. Billie is also driving a 1959 white Ford. Mr. Beard was seen driving a blue Chevrolet.

Several have taken vacations since our last report... Grady Troute, D. Tucker, and H. W. Schneider. The Schneiders motored to California and while there visited Disneyland. They returned October 12.

The following boys who worked with us during the summer months have returned to college: George Knight, who pledged Sigma Nu, and Jere Johnson, University of Arkansas; N. Kordsmeier, Christian Brothers College, Memphis; and Leslie Grady, Jr., Rice Institute at Houston, Texas.

Happy Birthday to Jake Clements, Raymond Lynch, G. Troute, and James Garner.

Jake Clements and wife, Carolyn, have a new baby girl, Janet Kay, who was born September 23, weighing in at 6 pounds, 10 ounces. Both father and daughter are doing nicely. While Carolyn was in the hospital Jake had a burglar, who gained entrance through the back door by cutting the screen door. Several small items were found later in the yard. (This is Jake, Jr.)

Joe Magness and family are spending their vacation in Jasper, Texas, as guest of Bonnie's sister.

The G. W. Roarks were guests at the dedication of the Brough Commons October 3, at the University of Arkansas, in honor of Mr. Roark's brother-in-law, the former Governor Brough. Mr. Brough was Dean of Men when he resigned to become Governor of Arkansas. Mrs. Roark was presented with a bouquet at the half. The President of the university also invited them to a luncheon. The Roarks took their son, Price, his wife, Ellen, and their daughter Ann, who is a namesake for Mrs. Brough, Mr. Roark's sister.

Grady Troute resigned October 15, to accept a position in Dallas, Texas, in a research lab. Good luck to you, Grady.

PLANNING AND RESEARCH*Marjarine Turner*

The heading above is the new name of our division. The change was made at its meeting September 30. We like it and hope you do, too.

Jackie Harris, who has been in this division for several years, resigned effective October 1. He is now running an Esso Station on U.S. 65, north of North Little Rock. Good Luck, Jack.

Stuart Patillo and "Pat" Patton saw the Arkansas-TCU game in Fayetteville.

Ruth Cantley's sister from Wichita, Kansas, is spending her vacation here. They visited friends and relatives in Shreveport and Texarkana last week.

Marlin Powell is on vacation. We assume he is enjoying the World Series.

Bill Moore and family enjoy the week end visits from son, Ricky, who is a student at State Teachers in Conway. Rick was employed in the Signs and Stripes Division during the summer months.

We are sorry to lose Margaret Wallace, who has been transferred to the Accounting Division, her old "alma mater." She made many friends while she worked in our office.

Tom Warden is a new employee in the Mapping and Drafting section.

EQUIPMENT AND PROCUREMENT*Mary M. Hill*

We are glad to have Bonnie Hill back with us... also we welcome Norman Nelson who is working in the gas station at the Little Rock building, and Gail Bivins, mechanic at Central Shops.

Wedding Bells rang out for E. L. Yeager, mechanic, and Patsy Joyce Helton, who were married in the Helton home in North Little Rock September 20. Patsy Joyce is the daughter of H. F. "Dutch" Helton, who is also an employee in Central Shops. We wish the couple lots of happiness.

The Kavanaugh Heards spent a recent week end visiting his sister in Shawnee, Oklahoma. Kavanaugh says that one thing of interest on their trip was a visit to an all-Indian church.

The W. W. Yanceys have had the pleasure of having their son, Tommy, home for a recent visit after being honorably discharged from the Army on September 18. Tommy flew to Chicago to attend the World's Series games there.

Patsy Navens spent part of her vacation visiting her sister, Mrs. Farley Hill, in Memphis, Tennessee. She attended while there, the Mid-South Fair... Also on vacation the latter part of September was G. S. Imbery, who said that he didn't go any place. He spent his vacation "baby-sitting" for his daughter. He boasts of his new grandson, Jerry Stephen Adams, who arrived September 14.

M. L. Price has a new granddaughter, Deborah Kay Price. The baby is the daughter of Mr. and Mrs. Jerry Price and arrived in Stuttgart, Germany, September 17.

A 5-year Service Pin and Certificate of Merit was presented to Patsy Navens on October 5, by C. Do. Hayes and N. E. Steward presented Clem Z. Pool with his 5-year pin also recently. Congratulations to you both.

COUNTY ROADS*Zelda M. Riggs*

On August 29, Max Hall's daughter, Helen Ann, and Donald Banks, both of North Little Rock, were married and the following day Max and Mrs. Mary Francis also of North Little Rock were married.

Recent vacations of County Program Division employees: Mary and Jack Teasdale spent two weeks vacationing in Florida.

Al Wilson went to Phoenix, Arizona and after a few days returned bringing his son Lannie back with him so that he might be enrolled in North Little Rock High School.

Donald Legate just returned from a week's visit in El Paso, Texas and enjoyed several visits to Jaurez and other nearby places.

Our boss, Harry M. Wright and wife left for Boston and after attending the National Road meeting, they visited other points of interest on the return trip by automobile.

Your reporter has had as guests recently: Mr. and Mrs. George Tow and two children of California; sister, Ella B. Hurst of Fayetteville; brother and wife, H. E. Hudgins from Poplar Bluff, Missouri; and cousin Mary D. Hudgins of Hot Springs.

A southern widow waited a short time after the death of her husband to marry his brother. She moderated somewhat her disregard for convention by hanging a picture of her late husband in a prominent place in the parlor. This mollified her friends to some extent until they heard her reply to a stranger who asked who the distinguished looking man in the picture was, "Oh, that's my poor brother-in-law. He died recently."

CHIEF ENGINEER'S OFFICE

We want to welcome George Peevy back to the Highway Department after three years with the Navy in Texas. George is a former employee of the Materials and Tests Division and is now an addition to the Assistant Chief Engineer's Office.

If you have noticed another new face in the Office Engineer's Office, it's that of Dan Morgan who began work on October 1. Dan will replace Jimmy West who will be leaving us on November 1, for the Army. Welcome to our family, George and Dan.

The Chief Engineer's Division had a combined birthday party in honor of Ferol Jones, and going away party for Lou Warford. Each was presented with a corsage and Lou was presented a gift. Cake, coffee and sandwiches were served from a beautifully decorated table, and all enjoyed it very much...P. S. Lou has since changed her plans and we are happy to report that she will remain with us.

The strange noises you may have been hearing coming from the Office Engineer's Office, such as "woooPig!" is because we were represented at Fayetteville the week end the Hogs played TCU, by Hub Holland, Bill Rainwater, Bob Andrews and "Cap" Boen, who motored up to the land of the Razorbacks to see one of the most exciting victories ever recorded by those "swarming" little pigs.

Our deepest sympathy is extended to the family of Mrs. Cora Cook, grandmother of Mrs. Don Martin, who passed away in September.

PERSONNEL

Sue Barnes

Boats, water skis, bathing suits, and other summer items, have been put in moth balls...Autumn, in all its glory, has arrived, and with it...football, and for many of us, a dilemma as to what clothes to don in the moody weather. Vacations are gone except for a day or so perhaps left over...Bill Hays enjoyed a few days down in St. Charles on White River where he fished and hunted and forgot the cares and woes of the office for a while.

Speaking of football (and who isn't?)...Mr. Tanner is a football fan from way back...the Razorbacks, that is. So far he has attended all three games they've played - two in Fayetteville and the one here.

Jim and Grace Zinn enjoyed a delightful vacation in Kansas City, visiting old friends, Mr. and Mrs. Randall Bryant. They contacted some of Jim's old baseball buddies and saw the Kansas City Athletics play, and visited some of their friends of the press.

Verna Daes is excited about her new carpeting and drapes for the house...is somewhat dissatisfied however, about the furniture now. The new items may necessitate some new pieces. We all want to see them.

Sarah is back on a diet again. (How many does this make Sarah?) Seriously, we are all proud of the way she is sticking to this one and if she doesn't slip, maybe some of you will be inquiring who the "new girl" is in Personnel.

Carma Dunn drives to her home town, Bradford, practically every week end.

Sibble Cox and husband Robert, have gone into the "game bird" business in a fairly large way. They have been selling quite a few of their fat pheasants (they're delicious), chukars (partridges), and quail, which they raise.

Marty Adams had her sister, Mrs. Lou Sanders, from St. Louis, as a visitor recently.

ROADWAY DESIGN

Lee, Hicks and Potter

Pat Witherspoon and Duane Reel made life miserable for the squirrels in the White River Reserve on a hunting trip recently. They actually returned with some squirrels.

Bud and Ruth Smith left for their vacation the early part of the month. They visited relatives in Jonesboro and spent part of their time on Lake Norfolk.

John and Peggy Hicks, with son Robert, spent the week end in Leslie visiting Mr. and Mrs. J. A. Bratton and Mr. and Mrs. J. W. Harger.

Travis Orton's daughter in Memphis, made him a grandfather again on September 9. The new granddaughter is named Cynthia Louise Faries. Her father is a student in Memphis where they reside.

Early in 1953 Sid Lee applied for a job with the Department. In August of that year he began work in Roadway Design and this past August he received his 5-year Service Pin and Certificate of Merit. The extra year was 1955 at which time he was employed as a building inspector for the erection of the Little Rock Air Force Base. Congratulations, Sidney.

Congratulations to John Dunn on completing five years of faithful service to AHD. John received his Service Pin and Certificate of Merit early this month.

We are three months late on this item....Shelby Henderson became the proud father of a baby girl. Sheila Jo topped the scales at 6 pounds, 3 ounces. This makes the fifth father in a squad of eight in a period of less than three years.

REPRODUCTION

Hess Gordon

Lucille Huffstutlar was off two weeks recovering from a tonsillectomy, done at Baptist Hospital. She is back "fit as a fiddle," however fit that may be.

Mamie Fanning took a week of her vacation leave the first part of October. She stayed at home to get her "house and soul in order," on account of she had been working so hard that both were a little on the delinquent side.

Rachel Simmons and family had as week end guests recently, her nephew George Pool, Mrs. Pool, and their wee small daughter, Lisa. The Pools, who have been at home in Shreveport, came to say goodbye before going to Tripoli, Libya, where he has been transferred.

Henry Vopel, our supervisor, who is a dog breeder and fancier, has been elected president of the Cocker Spaniel Club of Arkansas.

DIVISION 3

Olive Jackson

Ardell and Nellie Clark returned their daughter, Margie, to Harding College, Searcy, where she will be a Junior.

Houston Kitchens, who was hospitalized for six weeks due to a tractor accident in which he suffered severe rib and chest injuries, is at home where he is convalescing. The tractor he was operating overturned on him on August 6. Hope you continue to improve, Houston.

A new "Kidd" has made her arrival to Delores and Kenneth Kidd. She is Belenda Gale, who arrived September 2. Also, Ernest and Frances Withem are the proud parents of a little daughter, Brenda Gale, who made her arrival September 12. Congratulations to the parents.

DIVISION 3 (Cont.)

Nick Jones received a serious foot injury on September 14, when an end loader accidentally rolled over, fracturing the bones and bruising his left foot. Nick was in the hospital for several days. Get well soon.

Virgil and Grace Cleveland report a wonderful trip to points in Texas recently. They first went to San Antonio to visit their son, Virgil, Jr. and wife Mary Jean, who joined them on a trip to Corpus Christi. They saw quite a bit of highway construction work during the trip. Virgil and Mary Jean returned to Lewisville with them for a longer visit.

Carolyn Carter, daughter of Syble and Schley Carter, has returned to the University of Arkansas where she will be a Junior this year.

John Ed Barham, who had major surgery September 26, is improving nicely. We all wish John a speedy recovery.

Lee and Hautie Huskey have a new grandson, John Watson Hash, who arrived September 22, in Lula, Louisiana. Bobby and Carol Hash are the proud parents.

Jessie Lee Halcome, one of our motor partol operators, retired from the Department September 28, after having worked for over ten years. We will all miss seeing him around but wish him a long and happy retirement.

George Woosley, who has been off for some time due to illness, was able to return to his job October 1. Also, Lester Purtle, who was in Buchanan Hospital in Prescott for several days, and Ben Wilson, who was in the Ashdown Hospital, have returned to their respective jobs. Glad to have you all back.

Our deepest sympathies are estended to Cleo Powell in the loss of his brother, J. D. Powell, who was fatally injured in an auto accident on Highway 29, September 11.

DISTRICT 5 - Harrison

Shirley Morton

We in District 5 office, along with his many friends, are happy to welcome the return of Jewell Whitaker, who is working as district maintenance engineer.

Jim Caviness has put his boat and motor to good use this summer, spending many week ends and any possible spare time on the lake. He reported several good catches and much good fun.

Gary Godfrey and Ralph Wyatt, resident engineers in District 5 at Harrison and Newport, have recently moved into their new houses and we are sure glad they are enjoying them very much. How about a house-warming, boys?

Belated congratulations to Omel and Pat Fields on the arrival of a baby boy in July. Omel is employed with the resident engineer in Harrison.

Our Director, F. R. Oliver, was a recent visitor in our office and we all enjoyed meeting him very much. Other visitors were Gerald Sisk, Bill Baugh, Russell Newsom and Jake Clements, Jr. We hope they will come back again soon.

Your reporter and sons enjoyed a week of vacationing in Iowa and Nebraska. Had a wonderful time.

Our sincere sympathies are extended to W. H. (Slim) Porter, whose wife passed away on September 7.

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Long Aroma of the Law: Traffic cops in Milan, Italy, are equipped with water pistols which have a 20-30-foot range. Loaded with an evil smelling liquid, the pistols fire away at the vehicles of traffic violaters who won't stop when ordered to do so. The only "remover" is offered at any of the local police stations.

**DIVISION 5 - Batesville**

*A. L. Moser*

We are always glad to have visitors and we had quite a few during the month of September. Among them were: John Homesley, retired equipment superintendent; "Uncle" Charlie Houston, retired night watchman, who is 82 years young; Johnnie Gray, Highway photographer; Ralph Vickers, Division 1 employee, who is a brother to Rich Vickers; W. H. Porter, equipment superintendent in Division 9 at Harrison; Bert Rownd, state bridge maintenance engineer, and R. B. Winfrey, maintenance engineer. We hope all of them will come back soon...

Freece Kimmer won a couple of prizes given by the Bryant Lumber Company; first prize was for a 6 pound, 8 ounce bass, and second prize was for a 5 pound, 9 ounce bass. Both of the whoppers were caught in White River below Batesville, on Shannon Spinners.

Mr. and Mrs. Lee Tharp and son are spending their vacation in Detroit visiting their daughter, son-in-law, and children.

Lex Mathis, son of Bert Mathis, area foreman in Fulton County, visited his father in September. Lex was enrout to Greenland where he will be a mechanic with the Greenland Airline Company.

Employees vacationing in September were: Charlie Yates, T. M. Pipkins, Ray King, Emmett King, Dean Hinsley, Earl Anderson, and J. C. Thompson.

Lawson Johnson, mechanic in Division 5, was in Boise, Idaho and Big Horn River on a hunting trip last month. He went up to hunt bear, deer, elk, and other game...

Mr. and Mrs. Freece Kimmer and son Ervin, spent the week end in Little Rock when the Razorbacks played Oklahoma State September 26.

Our sympathies to the following on their recent bereavement: Wayne Pigg, patrol operator, whose father Willard Pigg, passed away; Mr. and Mrs. Earl Anderson in the death of Mrs. Anderson's brother, Luther Province; and E. L. Deckard of Heber Springs, whose mother, Mrs. Charles Deckard, passed away on September 28.



Here is one of the fish mentioned in an item above. Freece Kimmer is shown holding the 6 pound, 8 ounce "monster" which won him first prize recently. The second prize catch picture didn't turn out good.

"New Brides, New Babies, New Homes" all seem to be the theme in our division the past month...Curtis Gardner and Claudette, had been settled in their new home just two weeks when the stork arrived with a little girl, Sharon Darlene, on September 5. The next call was at the home of Hillman and Reba Watkins on September 16, where he left Debra Carol. The Watkins' have a boy, Kenny, and Hillman says the only thing that could make everything perfect is the completion of their new home, which should be finished in about three or four weeks. Congratulations to them.

Congratulations to Arlis Eddings, mechanic, on his marriage to Miss Wanda Ricketts. Arlis and Wanda make a handsome couple and we are sure they will be very happy.

Minnie Shinn has bought a home in Harrison and is in the process of getting everything moved and squared away. Welcome to the neighborhood, Minnie.

We enjoyed having George Falla of Bogato, Columbia with us for a week. Mr. Falla says that Northwest Arkansas is very similar to his country and the problems of highway maintenance are virtually the same.

Good news and bad luck down Jeff Davis' way. The good news is that the Headquarters Building is ready to be occupied by Jeff and crew at Marshall... the bad luck - Jeff parked his pickup in his garage which is attached to his house, and somehow a fire got started in the garage. Burned the pickup, some blankets, coats and other things that were stored there.

Edgar Mulford, carpenter, and Tom Phillips, blacksmith, received their 5-year Service Pins and Certificates of Merit recently.

B. I. Wade, truck driver, is in the hospital as of this writing, but we hope it won't be long before he will be recovered and back at work.

This reporter was on vacation the first of September and missed the news deadline last month...had a most enjoyable trip to the West Coast visiting relatives in Southern California.

Our deepest sympathies to W. H. "Slim" Porter, whose wife, Rena, passed away on September 7.

John J. Leslie, St. Louis County Highway engineer, disclosed at St. Louis that employees microfilming 100-year-old files had found an application by former Union Army commander and President Ulysses S. Grant for the post of St. Louis Highway engineer that had been turned down by the superintendent of County Roads.

Signals are helpful, but they are no substitute for caution. Make your turns from the proper lane. Make sure the way is clear.

What may be the most expensive mile of highway ever built is in Boston, Massachusetts. The superhighway cost \$8,700 per linear foot.

The Male Animal: A curious creature who buys his football tickets in June and his wife's Christmas present December 24.

#### FOR SALE.....

Used Hoover tank type vacuum cleaner - 1955 model. Has spray attachment. In good condition. Call Bob Derryberry, Ext. 276, Right of Way.

The town newspaper received several quite indignant phone calls after printing: "Our coach is back on the field with the team. He was laid up for a week with a bad coed."

The proud 16-year-old turned into the family driveway at the wheel of the family car. His father sat beside him.

Several younger brothers converged on the scene. "I passed my driving test," shouted the happy driver. "You guys can all move up one bike."

Two hep cats were taking calculus for the first time and while waiting for the instructor to arrive they took a quick look through the book. One of them came across the integral tables in the back of the book.

"Say, man," said one cat, "can you read that?" "No, man," replied his friend, "but if I had my clarinet I could play it."

First Old maid: "What kind of time did you have in New York?"

Second Old maid: "Eastern Standard Time."

Little Jimmy had to stand in the corner at school for putting mud in a little girl's mouth. His mother was horrified when she heard about it. "Why in the world," she wanted to know, "did you put mud in Margaret's mouth?"

"Well," said Jimmy, shrugging his shoulders, "It was open."

#### MODERN MUSIC

It wasn't the fault of the orchestra, but a waiter dropped a trayful of dishes and six couples got up to dance!

The doctor was visiting Rastus' wife to deliver her twelfth offspring. While riding along with Rastus he saw a duck in the road.

Doctor: "Whose duck is that?"

Rastus: "Dat ain't no duck. Dat's a stork with his legs wore off."

"Have you seen Ethel's new evening gown?"

"No, what does it look like?"

"Well, in most places it looks quite a bit like Ethel."

An old hillbilly and his wife were in the city on business. Since they had never stayed overnight in town, they decided on the swankiest hotel in the city. They were shown to their room.

A TV set was turned on when they entered, so they sat down and enjoyed the show very much for a while. Then the old man got angry and shouted to his wife: "Maw, tell those show people to get away from our window so I can undress and go to bed."

Little Susan's mother had caught cold and resorted to that old-fashioned remedy, a glass of whiskey and hot water. A bit later Susan was going to bed. When her mother came to kiss her good night, the child looked at her strangely, "You've been using Daddy's perfume," she said solemnly.

Two modern little girls on their way home from Sunday School were solemnly discussing the lesson.

"Do you believe there is a Devil?" asked one.

"No," said the other promptly. "It's like Santa Claus....it's your father."

Handsome Assistant Project Manager: "Are you doing anything Sunday evening, Miss Jones?"

Miss Jones (all aflutter): "Not a thing, Mr. Smith!"

Handsome A.P.M.: "Then try to get in on time Monday morning, for a change."

