

Arkansas Highways

OCTOBER, 1967

MAGAZINE



FIVE EMPLOYEE AWARDS PRESENTED

Five employees received service awards presented by Director Ward Goodman on behalf of the Highway Commission at the meeting held September 27.

Thomas E. Wacaster of Harrison received a 35-year award, Vancil C. Nast of Rogers a 30 year award, and Hugh E. Anderson of Chidester, Bruce G. McConnell of Dardanelle and Ralph H. Wyatt of Batesville, each received 25-year certificates.

Director Ward Goodman presenting awards to:



Thomas E. Wacaster

WACASTER is an engineering aide in charge of a survey party which functions primarily in north-west Arkansas. He came to work for the Department in 1925 after graduation from Mount Ida High School in Montgomery County. His entire working career, except for the interruption created by World War II, has been concerned with locating and investigating highways.

Tom and his wife, the former Augusta Morris of Yellville, have three children and three grandchildren. They are members of the Presbyterian Church of Harrison. Tom's hobbies are bird and deer hunting and collecting antique guns and old coins.

ANDERSON began as a mechanic with the Department back in 1924. Later he worked as a heavy equipment mechanic for various construction firms and returned to the Highway Department in 1945. Currently he is equipment supervisor for the district headquarters at Camden. Hugh is married to the former Gladys Bussell of Chidester. He was born at Camden but also claims nearby Chidester as his home. They attend Two Bayou Church of Christ where he serves as church treasurer. Anderson is an enthusiastic fisherman and hunter. In fact, his zeal accounted for some broken ribs last deer season and no venison.

McCONNELL has been maintaining roads in Yell County for 25 years and is one of the Department's best motor patrol operators. He was born at Dardanelle and has lived all his life in Yell County.



Hugh E. Anderson



Bruce C McConnell

He is active in the Methodist Church where he is chairman of the Official Board. McConnell enjoys supporting local sporting events, hunting and fishing, and watching sports on television.

He is married to the former Leotta Crowe, also of Dardanella. They have one son who is a major in the Army stationed at Fort Leavenworth, Kans. They also have three grandchildren.



Ralph H. Wyatt

RALPH H. WYATT joined the Highway Department in October, 1938 as a chainman but prior to that he had been a teacher and principal for five years and had operated his own mercantile business. During World War II he left the Highway Department to work with several construction companies and service in the Army. In 1945 he returned to the Department and began correspondence work which eventuated in his becoming a registered professional engineer. He is now a resident engineer at Batesville in Independence County where he has lived all his life with the exception of military time.

Ralph is married to the former Ruth Gower of Rosie near Batesville. They have two married daughters and four grandchildren. Ralph is Sunday school superintendent and a deacon at First Baptist Association. He is a member of the Civitan Club, the American Legion, Woodmen of the World and the Arkansas Society of Professional Engineers. His hobbies are the studies of genealogy and Indian artifacts.

NAST (who was not present for the presentation) was born in Webb City, Mo., attended school at Newport and has made Batesville his permanent home. He started with the Department as a laborer in 1927. Since 1946 he has been a carpenter at the

District 5 headquarters at Batesville. He served in the Navy during World War II and received a permanent disabling injury in the line of duty. He and his wife, the former Alma Carpenter of Batesville, have three children and ten grandchildren. Nast likes to fish and hunt. Recently he brought in a 19-pound catfish on a six-pound test line.

**IT'S GOT TO BE IN HERE
SOME WHERE!**



Henry Gray waits patiently while his secretary, Mrs. Nancy Sipe, looks for some object which must be located in the box before time allowed for unpacking. Mr. Gray relinquished the responsibilities of Right of Way chief October 1 and moved from that Division's office on the seventh floor to the 10th floor where he will devote his full time to the duties of Assistant to the Chief Engineer for Administration and Realty.

**NJ TURNPIKE AUTHORITY
WARS WITH RAGWEED**

As a service to hayfever sufferers traveling the New Jersey Turnpike, the Turnpike Authority's maintenance department dispatched an air-spraying unit mounted on a rack-body truck to spray a chemical to combat the growth of ragweed along the 188-mile right of way.

OTHA HEWITT NEW CHIEF OF RIGHT OF WAY



THOMPSON RESIGNS



John R. Thompson, general counsel and chief attorney of the Legal Division, has resigned to enter private practice with his son, Edgar, in Little Rock. Thompson was appointed to the position in October, 1966.

He came to the Highway Department after having been a member of the Public Service Commission continuously since 1949 except for two years when he was assistant chief attorney general.

Otha Hewitt, chief of Traffic Services Division since July 1, 1963 became chief of Right of Way effective October 1. He succeeds Henry Gray who will devote full time to his responsibilities as assistant to the chief engineer.

Hewitt came to the Department in 1950 as job superintendent on a construction project in Arkansas County. Upon its completion he was assigned to the Traffic Services Division.

Prior to his employment with the Highway Department Hewitt was a gentleman farmer and livestock dealer at Pine Bluff, where he grew up and graduated from high school. He and his wife Betty reside at Lakewood House. Their son, Douglas, is a junior at Sulbaco Academy.

Cake and Punch from Traffic Services

Employees of Traffic Services Division prepared cake and punch for a brief social hour October 2 in appreciation of Otha's years as Division head. He officially became chief of Right of Way on October 1. He was presented a desk clock with his name engraved on a marble base. Howard Stuebener, head of the Sign Shop (which is part of Traffic Services), Lou Net Ricketts (our Sign Shop reporter) and others came over from North Little Rock to share the remembrance with Mr. Hewitt.



Lou Net Ricketts looks on while Otha decides on a starting place for cutting the cake.

TRAFFIC SERVICES BECOMES A SECTION: V. O. CAMPBELL PROMOTED TO CHIEF



Van O. Campbell

Effective October 1 Traffic Services, formerly division, was made a section of the Maintenance Division with Van O. Campbell as chief of the section under Maintenance Engineer J. E. Lowder.

Campbell has been with the Highway Department since May, 1948. He was first employed in bridge construction but has been assistant to Otha Hewitt in Traffic Services for 17 years.

Van is a native of Oklahoma but has covered quite an area and worked in varied capacities. He was born in Hugo, Oklahoma and graduated from high school in Houston, Texas. Later he worked as a carpenter, insurance salesman, bookkeeper and for a laundry and cleaners at Newport, and an iron rigger at Camden and Baton Rouge, La. before returning to Arkansas and the Highway Department.

Van is a member of First Christian Church and a Mason. He and Mrs. Campbell reside at 7501 West 12th Street in Little Rock. They have two daughters, Mrs. C. R. Atwood of San Mateo, Calif., and Mrs. J. L. Arnett of Texarkana, and seven grandchildren.

THREE CERTIFIED BY ICET

Three County Roads draftsmen have been recognized by the Institute for Certification of Engineering Technicians (ICET). Marvin Griffin received a certificate for Engineering Technician,

A.H.D. OFFICIALS ATTEND NATIONAL HIGHWAY MEETING



Director Ward Goodman and a number of administrative heads of the highway organization, American Association of State Highway Officials, held at Salt Lake City, Utah October 16 - 20.

Goodman is currently serving on the Executive Committee, a 4-year elective office with A.A.S.H.O., and as a member of the Bridge Committee, an appointive position of four years' duration.

As a member of the Bridge Committee, he was the chairman of the Bridge and Structures meetings at Salt Lake City.

the middle of three levels attainable. Mike Pearce and Charles Rain, Jr. each received certificates for Junior Engineering Technician.

Requirements for the middle level are a minimum age of 25 years, seven years' technical experience, endorsement of two professional engineers and pass an examination equivalent to that given at the two year level by any accredited engineering school.

Certification at the Junior Engineering Technician level requires two years' technical experience or graduation from an accredited engineering program and endorsement by one professional engineer or equivalent. There is no minimum age.



From left to right: Marvin Griffin, Mike Pearce and Charles Rain, Jr.

OUR NIGHT PEOPLE ARE IMPORTANT - DON'T TAKE THEM FOR GRANTED

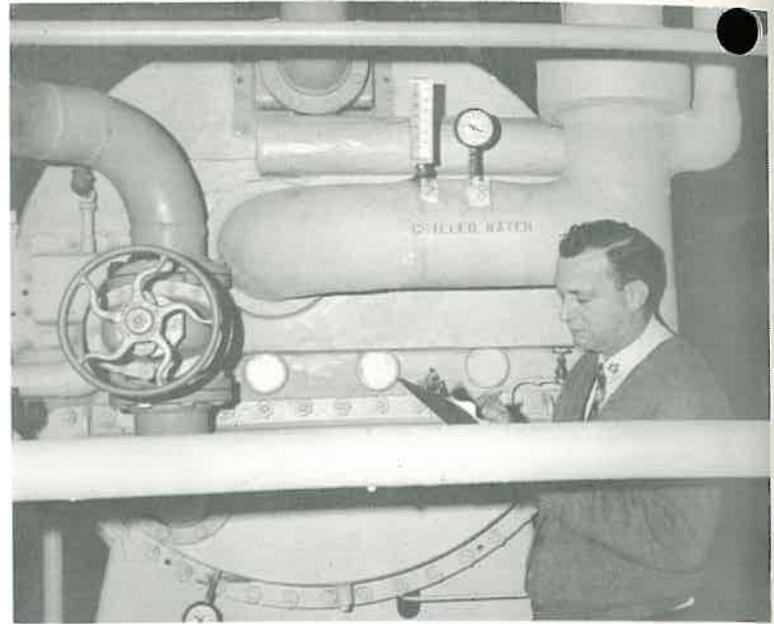
Each afternoon those of us who occupy the central headquarters buildings from 8:00 to 4:30 make a swift dash to the elevator, plead room for one more, exit hurriedly to the car and away home or to numerous other destinations with our minds already miles ahead to shopping, lawn mowing, fishing, a golf game or however we are going to use the remainder of the day. We pay little, if any, attention to the evening shift - those Buildings and Grounds personnel who come after us to make the buildings spic and span for our return the next morning. It never occurs to most of us that everything won't be shipshape the next day - we just take it for granted, and it always is.

Don't take it for granted. The buildings don't just happen to be that way. Each evening approximately 172,000 square feet of halls and offices are mopped, buffed and the furniture dusted, ash trays and urns emptied, empty pop bottles collected and carried to the cafeteria in the basement and paper baskets emptied. A staff of 25 people working from 4:00 p.m. until midnight is required to accomplish these chores.

In addition, a day crew of seven people are on duty. One employee spends her entire day servicing the ladies' rooms. Walks must be swept and paper from careless employees' hands picked up from the grounds. Lawn and shrubbery must be watered. The powerhouse equipment must be tended. Calls of "Our office is freezing", or "It's 100 in here!" must be checked out. Cabinets must be built, light bulbs and fluorescent tubes replaced as



Erodie Quiller concentrates on dusting a desk top and putting everything back in its place.



Buildings Superintendent Gene Cagle checks out ventilation system during seasonal changeover from cooling to heating.



Jesse Bradshaw buffs the auditorium floor.

they burn out (a conservative guess places the total number at 10,000). Spills must be cleaned up, "Somebody call Roosevelt (Franklin) to bring the mop.") Or "The elevator is out of order. Has anybody seen Gene Cagle?" All these and many more are the problems of Buildings Superintendent Cagle and his personnel who make such a conscientious effort to keep us all comfortable and happy in pleasant working surroundings. Because most of them necessarily work when we have vacated the premises for the day, we don't have much association with them. But don't take them for granted. Ask Gene Cagle to pass on to the others a good word about how shining clean the building is kept.

Don't wait until you spot something that was left undone to comment. Chances are that the crew was working short-handed the night before, a situation which comes to all of us who work at some time or other. When you go out this afternoon, or come in tomorrow, take a close look with appreciative eyes, and remember when we didn't have this modern new facility in which to earn our livelihood, and be grateful to those who help keep it that way.



Charles Thirion, a 10-year employee, is the headquarters carpenter.



"THEM BONES...THEM BONES..." THEY'RE EVEN GETTING INTO THE SAFETY ACT

This is the day of safety precaution for motorists. Laws are being passed, tests are being made, rules are being changed. Even our bones are getting into the act, or they will be.

Scientists and engineers at Franklin Institute in Philadelphia are pounding, bending and breaking bones as a part of what they believe is one of the first studies to apply structural tests to bones. Working under a \$44,000 grant from the U. S. Department of Transportation, the Institute is testing cattle bones and joints — much like engineers test steel, concrete and other structural material. This morbid testing ground is expected to provide data for studies on how to better guard legs and knees in auto collisions.

Dr. Francis W. Cooke of the Institute said they chose to study the knee because it is complex and difficult to repair, and failure to repair it properly results in serious impairment of the limb.

Bone samples come from cattle freshly slaughtered at a packing house. Time is of the essence because bone changes drastically within minutes after death occurs. Another member of the study team said that if they can learn what the reaction to impact loads will be, then they can learn how to predict, and ultimately, prevent it.



Joe Woods, known as "Shorty" because of his slightly less than 5-foot stature, adjusts water pressure in the boiler room. Some of the best housekeeping to be found anywhere is in the powerhouse, where the employees take particular pride in its neatness. Even the concrete floor is waxed.



A DELEGATION FROM ROGERS

When Bob Crafton was an assistant to the chief engineer for the Highway Department he spent the afternoons of Commission hearing days listening to various delegations from over the state make requests of the Commission for improvement to state highways, additions of county roads to the state highway mileage system and improve them and other requests. Now that Crafton, fifth from right on the

back row, is in private business as a consulting engineer with his partner, Lem Tull, a former A.H.D. resident engineer, at Rogers, he is chairman of the Chamber of Commerce's Highway committee. Last month these delegates traveled all the way to Little Rock from the Rogers area to request improvement of U.S. 71 in Benton County.

TORSO SAFETY BELTS TO BECOME STANDARD EQUIPMENT ON AUTOS

\$35.00 A Pair

Federal Highway Administrator Lowell K. Bridwell reaffirmed Monday, October 9 that his on-again-off-again requirement of equipping 1968 model autos with front seat shoulder belts will stand. The requirement becomes effective January 1, 1968, however Bridwell said it would be "in the public interest" if manufacturers began installing them immediately. They will come as standard equipment and cost the buyer about \$35.00 a pair. The belts will come from roofrails attached above the driver and front seat passenger, passing across the shoulder and chest.

Some controversy over the value of front seat harness developed between Bridwell and the auto industry, which said that torso belts might actually cause injuries. A General Motors spokesman said that shoulder harness was available immediately as optional equipment on models coming off the assembly line now, however, major automakers stopped installing them on cars until the matter was clarified. The requirement was first issued August 11.

As a result of the controversy a seven-week study was initiated and the conclusions confirmed the benefits of torso belts, according to Bridwell. Purpose of additional safety belts is to provide protection for passenger car occupants during impact with the interior of the car in the so-called "second collision" of a crash.

The study grew out of information gained recently by the Federal Highway Administration, particularly the results of tests of upper torso belts conducted at Holloman Air Force Base, New Mexico, on human volunteers who were subjected to crash-level impacts while wearing both lap and upper torso belts. Participants were exposed to conditions such as that experienced by auto drivers and passengers in a head-on crash into a stone wall at speeds up to 30 miles per hour. The tests showed that while under such impact conditions the participant may be stopped from being smashed forward, he might also sustain abrasions in the neck and shoulder area.

In reaffirming his stand pertaining to torso belts, Bridwell said that when used in conjunction with lap belts, they are the best single means of protection now available.

"MY NAME IS JOSE...er, RUSSELL GADDY"



Each Labor Day weekend Russell Gaddy, accountant at the District 2 headquarters at Pine Bluff, forgets all about work and eagerly heads for wherever the annual camp meeting of the Southwest Family Square Dance Association is meeting. This past Labor Day, as on five previous years, the group held forth at Hardison Hall atop Petit Jean Mountain. Other meetings during the association's 17-year history, have been held Clear Fork, Ark. and Beavers Bend State Park, Okla.



"Swing your partner and dosie-do..", and the square dancers do as Gaddy calls the steps.

More than 150 members and families from the Ark-La-Tex and Oklahoma area attend the festivities. The camp opens on Thursday and continues through Monday, Labor Day. Gaddy says they dance and eat, dance and eat, and sleep whenever they can. There is also a workshop session.

Russell is an accomplished "caller" as well as dancer and is very much in demand. He says the dancing is fine but having to pay the fiddler by returning to work is another story.

A group from Monroe, La. was responsible for the weekend's theme and decorations this year. They chose a Mardi Gras theme, which of course means costumes. As you can see, Russell decided to go south of the border for a costuming idea. Each individual planned his own and the competition was keen.

J. R. CLEMONS



James Rubin Clemons, of Camden, an engineering aide with J. B. Williamson's residency, succumbed September 13. He was employed by the Department April 21, 1966 and had worked with Resident Engineer Norman Pumphrey prior to working with Williamson. Clemons, 49, was a retired chief petty officer with the Seabees. He served in both World War II and the Korean conflict. He was a native of Bearden. Survivors include his wife, Mrs. Reba Shoemaker Clemons; two sons, Jimmy and Larry, and a daughter Gwendolyn.

GOVERNMENTAL EFFICIENCY STUDY COMMISSION AT WORK

A eight-man study group working indirectly for the Governmental Efficiency Study Commission and directly for Warren King and Associates, management survey firm from Chicago, is in session at the Highway Department. Their instructions from James Newsome, vice president of Warren King and Associates, were to determine if the agencies involved in the study are getting the most from the money spent.

The group, working under a binding schedule, began work September 18. Their report must be filed with the management firm by November 25. S. L. Wright, a vice president of Missouri Pacific Railroad with offices in New Orleans, is the team leader.



Standing: Charles Dolen, Ralston Purina Co., Springdale (left) and Donald M. Tate, Frisco Lines, Springfield, Mo. Seated: John Brannan, Commercial Nat'l. Bank, Little Rock; S. L. Wright; and Charles Green of Union Carbide Corp., Sheffield, Ala. Other members of the team not shown are Lyle Hill, Bart Gray Realty Co., Jacksonville; E. F. Meyer, Aluminum Co. of America, Bauxite; and Robert Jones, University of Arkansas Industrial Research Center, Fayetteville.

STRIP MINE MAKES WATERY GRAVE FOR JUNK CARS

An old strip mine on Highway 7 north of Russellville is being used as the final resting place for junk cars. Dealers in the area have been pushed into the mine. Those in the picture will be pushed in as others are dumped behind them. Dozers work as close to the edge of the mine as it is safely possible.

SPRING BANK FERRY DEDICATED

A dedication of the new Spring Bank Ferry across Red River on Highway 160 east of Doddridge in Lafayette County was held the afternoon of Thursday, October 5. Mrs. Gladys Martin Oglesby of Stamps, representative of Lafayette and Columbia counties, and Dan Dennington of Lewisville, president of the Lafayette County Historical Society, sponsored the dedication.

The ferry and tug, property of the State Highway Department and operated toll free, have been completed and ready for use since July but high water and complications in completing landing ramps delayed their being put in use.

The ferry, which is operated from 6:30 a.m. to 6:30 p.m., will be a boon to residents of the area who have had no ferry service since a private operation was discontinued in 1964. Motorists traveling between Doddridge and Bradley, a distance of 17 miles by the ferry route, must otherwise go north through Garland City, a 56-mile trip or south through Plain Dealing, La., 39 miles.

Lt. Governor Maurice Britt, representing Governor Rockefeller, made the dedicatory address. Rep. Hayes McClerkin of Texarkana was the master of ceremonies. Highway Department officials present included Commissioner John Harsh of Magnolia, Director Ward Goodman, Maintenance Engineer J. E. Lowder, Asst. Chief Engineer Wm. L. Moore, Bridge Maintenance Engineer John Hall and District 3 Engineer Bob Mattox. S. L. Wright, with Missouri Pacific Railroad and team leader of the 8-man Governmental Efficiency Study team now observing Highway Department operations, was also present.

Other local officials of note were Senator Bob W. Douglas of Texarkana, Rep. Harry Colay of Magnolia, and County Judges J. Martin Tackett of Lafayette Co., and C. R. Burgess of Miller Co.



GENERAL MOTORS BEGINS STUDY OF EFFECT OF HEAVY TRUCKS ON HIGHWAYS

One of the biggest question marks facing today's highway design engineers is how to predict accurately the effect heavy trucks will have on the life expectancy of pavements and bridges.

The variables involved in the problem are many because the dynamic forces exerted by a vehicle are a combined function of its weight, the nature of its suspension system (including the tires) and the motion of the vehicle relative to the road surface.

These forces may be further modified by pavement roughness, the operator's driving habits, and changes in the apparent weight of the vehicle due to aerodynamic lift and pitching.

To develop and experimentally verify a method for predicting the dynamic loads that will occur at the tire-road interface, General Motors Corporation has been awarded a \$137,000 contract by the Highway Research Board-administered National Cooperative Highway Research Program.

The 18-month study will be conducted by GM's Military Projects Engineering Staff headquartered at the Company's Technical Center at Warren, Michigan.

The research will be divided in three major phases:

THE SURVEY PHASE

The survey phase will identify from a preliminary vehicle analysis some 25 commercial trucks likely to produce the heaviest dynamic loadings. These vehicles will then be operated over a section of pavement of known design and across dynamic load measuring equipment at their representative gross weights and speeds.

After the relative peak dynamic loadings have been established, three of the vehicles will be selected for a more specific study of characteristics that will include spring rates, damping coefficients, and weights.

EXPERIMENTAL PHASE

The three vehicles producing the highest pavement forces will be rigged during this phase with accelerometers and a special recording computer. They will then be run over various measured highway surfaces of measured roughness. This phase will establish the "time history" of wheel and tire displacements as a function of the trucks' varying loads and speeds at each significant axle position.

SIMULATION AND PREDICTION PHASE

A computer program, based upon previous GM work, will be developed to learn what pavement dynamic loadings result from experimentally deter-

mined tire displacements. Next, a mathematical simulation will be expanded to find out how changes on tires, springs, and shock absorbers affect dynamic loadings.

The purpose of this phase of the study is to come up with a prediction technique for determining the influence of tire and suspension characteristics in the trucks of tomorrow that will travel at greater speeds with heavier loads.

Plans now call for the field work to be conducted on Michigan highways in cooperation with the Michigan Department of State Highways.

JOHN W. COURTER



Many personal friends and working acquaintances will regret to learn of the sudden death of John W. Courter, 61, on September 23 at Austin, Texas. He was division engineer for the Bureau of Public Roads in Arkansas from 1957 until March of 1963 when he was transferred to the Baltimore office. He retired from the Bureau in 1964 and later was employed as special assistant to the highway engineer of the Texas Highway Department, a position he held at the time of his death.

Courter was a graduate of the University of Texas and Massachusetts Institute of Technology. He spent his entire career in the field of highway engineering.

Survivors include his widow, Mrs. Virginia West Courter, 2604 Great Oaks Parkway, Austin; a son, Dr. Robert W. Courter, Laramie, Wyo.; a daughter, Mrs. R. N. Pierce, Baton Rouge; his father, Guy Courter of Baton Rouge, and five grandchildren.

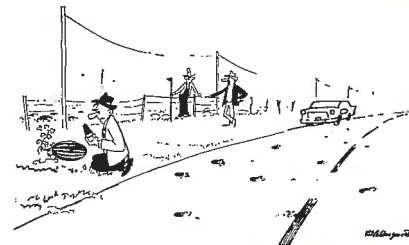


DISTRICT 7 PERSONNEL - 1930 VINTAGE

Warren Stanford, second from left on the front row; an auditor now retired from the Department and living in Little Rock, came across this photo made of the District 7 personnel at Camden in 1930 and wants some help in identifying those he can't recall. All you long, long-timers get your thinking caps on and help Mr. Stanford fill in the gaps.

Front row, left to right: George Moseley, asst. maint. supt., deceased; Stanford; Bill Marshall, draftsman, deceased; a Mr. McLain who was a location engineer; a Mr. McCuistion, maint. supt. Second row; L. R. Plemmons, district engr., deceased; Mrs. Ula or Louella Brannan, bookkeeper; a secretary remembered as "Miss Birdie"; Fred J. Herring, const. engr., now retired as engineer of Planning and Research and living in Little Rock; and Miss Edith Murphy, stenographer.

Third row: Glen Cotham, resident engr., retired August 31, 1967; a Mr. McConnell; Ray Mintum, res. engr.; Vernon Williams, res. engr., deceased; Charles Matthews, presently District 1 engineer at Wynne; an unidentified person whom Mr. Stanford recalls was from Camden and married a lady from Warren; L. C. Brown, res. engr., deceased; and W. M. Kinney, dist. mechanic.



"ITS CALLED 'TAKING CORE SAMPLES' IN THE BUREAU OF PUBLIC ROADS. ITS WHEN THEY CUT HOLES IN EVERYTHING INSIDE THE RIGHT-OF-WAY!"

MIKE CARPENTER – HORSES ARE HIS LOVE



Mike Carpenter and "Bad-Time Billy" look over the State Championship Flag Racing trophy they recently won.

Mike Carpenter, stock clerk at the District 1 headquarters, Wynne, is only 20 years old but he has 80 ribbons and seven trophies which attest to his skill as a horseman. He has been riding horses for 13 of his 20 years and has been competing in Western style horse shows for two years. His own horse is named Coley, but last month he represented the Northeast Central Association at the State Horse Show held at Barton Colliseum in Little Rock riding "Bad-time Billy" owned by Charlie Martin of Wynne. He came away a winner in one of

the fields of his specialty, flag racing. His other field of competition is pole-bending.

Carpenter was employed by the Highway Department February 1 of this year and is in the process of setting up the District Headquarters for automated inventory control. A young man with a lot of energy to spend, he is also attending night classes in Accounting at Arkansas State University.

Prior to employment with the Department Mike worked as a bookkeeper at Hickory Ridge and for Lazy Acres Dude Ranch at Hardy. He loved the dude ranch, doing anything required of a ranch hand. He also liked living in a mobile home out on the mountainside midst the squirrels, birds, deer, etc. But his wife Paulette didn't think too highly of living where there was no running water and it took most of a day to get enough water to wash dishes. So they moved to Wynne. They have one little son, Kevin, 16 months old. Paulette is employed by Cross County Bank in Wynne.

MIKE RED CHOSEN SCOUT ADVISER



Michael Red, draftsman in the County Roads Division, has been named an Order of the Arrow advisor for the New Frontier district of Boy Scouts of America. The New Frontier district comprises half the city of Little Rock.

Red, 21, is an Eagle Scout, holds the God and Country Award, and has achieved the step of "Virgil", highest of three in the Order of the Arrow, which is a service area to the scouting organization. He is a graduate of Central High School, attended Camp Stahlman, national scout training school at Lebanon, Tenn., and is a certified aquatics instructor.

BEAUTIFYING CENTRAL HEADQUARTERS GROUNDS



Phil Harris (pushing) and Ancil Robison (pulling) seed grounds of the central headquarters complex with fescue rye and Bermuda.



Ancil Robison performs the disking and dragging operation after seeding.

The way to make your garden a success is not to plant more than your wife can manage.



BLYTHE CLARK - A.H.D. BENEFACTOR



When you consider the valuable asset which timber is in today's market, especially in sparsely-forested Mississippi County, landowner Blythe Clark of Frenchman's Bayou is a generous benefactor of the Highway Department. Clark has given approximately 70 trees to the Department which have been transplanted by Vermeer tree planter to sites of the two roadside parks on Interstate 55 in Mississippi County.

Raymond Behrens of the Beautification Section rode quite a few miles locating suitable trees for transplanting and determining the owner. When contacted, Mr. Clark was very cooperative, granting virtually a free hand to Department personnel in tree selection. The willow oaks, red oaks, white oaks, pin oaks and redbuds will add inviting shade for next summer's travelers along that route.



"Well, we would have made a profit on the job if our equipment hadn't broken down, and if we'd finished on time . . . and bid it \$10,000 higher."

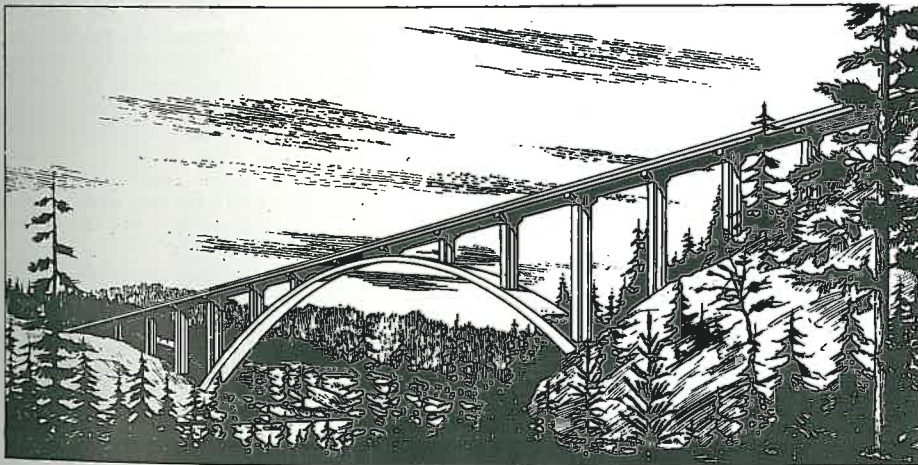
WORKERS ESCAPE WITH MINOR INJURIES WHEN BRIDGE COLLAPSES

Fred Pemberton, 22 and Delbert Benning, Jr. 28, both of Prattsville, escaped serious injury when an overpass they were helping raze on U.S. 67 south of Benton collapsed September 27. Both were employed by Les Baker's bridge crew. Most of the bridge decking had been removed when the middle girder (arrow) pulled away from the pier to which it was



attached and crashed to the ground some 25 feet below, carrying Benning and another girder with it. Benning suffered a broken arm and bruises. Pemberton, who fell part way to the ground before catching onto some reinforcing steel, was uninjured. Both were taken to the Saline County Hospital at Benton, where Pemberton was examined and released.

NEW 520-FT CONCRETE ARCH WILL BE LONGEST IN THE U.S.



A new bridge, being built across the Cowlitz River in Lewis County, Washington State, will be the longest concrete arch bridge in the United States. The structure, with a concrete arch span measuring 520 ft. between its spring lines, will be 95 ft longer than the George Westinghouse Bridge in Pittsburgh, Pennsylvania. The new two lane bridge, scheduled to be opened to traffic by the end of 1967, will have an overall length of 1,136 ft.

The overpass originally carried traffic over the Missouri Pacific Railroad, which has ceased using the tracks and removed them. When demolition of the overpass structure is completed, the highway will be built at grade on the same location.

Boy: "What is meant by a man attending a convention as a delegate-at-large?"
Father: "It means his wife didn't go with him."

A mountainer, on his first visit to a city of any size, was fascinated by the asphalt streets. Scraping his feet on the hard surface, he remarked to his boy: "Well, I can't blame 'em for building a town here. The ground's too darned hard to plow. anyhow".

AROUND the DEPARTMENT



NEWCOMERS: Ronald Wallace has replaced Ted DeVice in the Mailroom. Ted has been promoted to the Reproduction Section. Fred Sebren has come to Internal Audit to fill the vacancy created when Billy P. Pryor went to the Bureau of Public Roads. Jerry Lewis replaced Pat Reeves who resigned from Office Engineer's in September. Marvin Staton is an additional employee in Office Engineer's. Joan Joiner took Carolyn West's place in Traffic Services beginning October 9. Carolyn transferred to Right of Way where she is secretary to W. D. Luton.



Fred Sebren in Internal Audit

Sebren and his family have recently moved to Little Rock from Malvern where he had been employed by the Baroid Division of National Lead Co. for 17 years. He is a native of Malvern and graduated from high school there. During World War II he was a sergeant in the infantry for 2½ years.



Ronald Wallace in the Mailroom

Ronald, a graduate of Central High School, lives with his parents, Mr. and Mrs. Grover Wallace at 5021 Maryland. His hobbies include riding his horse and playing basketball.



JoAnn Joiner

Jo Ann Joiner worked for Resident Engineers Elmer Smith and Norman Pumphrey at the Lepanto residency and in the State Purchasing Agent's office at the Capitol before coming to the Traffic Services office. She and her husband Bob, who is a toolmaker with Orbit Valve, reside on Merrivale Drive with their three children, Stephen, 10; Timothy, 8 and Cynthia, 5.



Jerry Lewis and Marvin Staton in Office Engineers

Marvin Staton has been hired in Office Engineer's to help out with an increased workload. He lives at Malvern where he was with the Baroid Division of National Lead Co. for several years. He and his wife Marie have two daughters, Debra, 15, and Donna, 13, Marvin likes to hunt, fish and bowl.

Jerry and her husband, Tommy, and 14-month old Brent reside at 4916 Western Hills Blvd. He is employed by Teletype Corporation. Both Gerry and Tommy love horses and belong to a riding club.

Rachel Simmons in Reproduction observed a birthday September 29 and received some pretty cards, gifts and good wishes.

Allen Dunn in Reproduction is looking forward to the day soon when he can get the cast removed from his left arm. It's been seven weeks now.

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You'll never believe it when I tell you (and you likely won't believe it if Pat Koonce tells you, either) about the chain of events that took place at her house one night not long ago. Pat has a reputation for truthfulness, so I believe her, but that only makes matters worse, because when that many things go wrong at one time, I begin to wish that some of it were exaggerated. It all started when she dropped her iron and broke it while pressing a skirt for one of her daughters. The skirt was put on and while her daughter was concentrating on homework, she absentmindedly bit into the cartridge of a ball point pen which leaked onto the new skirt. In her attempt to wash out the blob of "washable" ink, she inadvertently left enough of it on the lavatory to later stain two more new skirts - the one she



ACCOUNTING DIVISION



BRIDGE DESIGN

Mildred Harness—Mell Jones

Betty Claude

Willene Dorris' son, Roger, stationed in Cheyenne, Wy. with the Air Force, was home for the week-end. Roger is to be married at Christmas. Congratulations, Roger.

Alleene Boyesen's son-in-law, Lt. David Hendricks, is stationed in a small hamlet, about 100 miles north of Saigon, as a member of an advisory team to the officers of the Vietnamese Army. The team is teaching them American combat techniques.

The Accounting Division was happy to meet Victor Stone, stock clerk, from Hope, who was here with Vernon Fulmer on business.

Molly Beavers, wife of Johnnie, visited in Calico Rock with her brother, Bill White, who suffered a heart attack.

Friday, September 22nd, was Jay Ehrhorn's birthday. She was surprised with a birthday dinner in the cafeteria, attended by most of Accounting, where she was presented with an orchid from Pat Koonce and Mildred Harness, and a very tasty birthday cake by Mary Hemdon. Many more of them, Jay.

Zeta and Kenneth Winstead, relatives from Indiana, visited Pat Koonce. While here Kenneth and Pat laid a new linoleum, and installed a new sink in Pat's kitchen. Pat says her kitchen is pretty and her muscles are like putty.

Our new Utility Auditor is Kenneth Gower, who resides in North Little Rock with his wife Juanita, a daughter Sandra, and a son Rex. He was born in Mountain Home, and attended business school in Little Rock. Welcome, Kenneth.

Rose Clingan has her mother-in-law, Mrs. Myrtil Clingan, visiting her from Chidester.

Mel Jones' son, Jim, is stationed at Da Nang, in the Logistics Command of the Marine Corps. His wife Peggy, and son Pat, will reside in Mablevale. Jim writes that the "mama-sun" who polices their area, does the laundry for their group of eight, etc., gets a salary of \$6.00 per month. Paper is so scarce in Vietnam that the natives save even chewing gum wrappers.

Doris Whitson's mother-in-law, Mrs. Vera Whitson, suffered a heart attack in Tyler, Texas, and Joe, Doris' husband, has made several trips to Tyler to see her.

Many happy returns to our birthdays of the month: Sue McKelvey—October 2; Floyd Pharris—October 8; Alleene Boyesen—October 20; Johnnie Beavers—October 29.

The constitution guarantess the pursuit of happiness, but you have to catch up with it yourself.

Most people can keep a secret; it's the folks they tell it to who can't.



We'd ask you to guess who this handsome young man is but you likely couldn't. That's W. K. "Bart" Bartleson in 1931. The picture was made in his hometown of Lake Wales, Fla., playground at that time for many of the "up-East" millionaires. Bart says that's not his home in the background - his was farther on around the lake.

The squirrel season is here and some of our fellows have been out trying their luck. L. P. Carlson and other Highway Department friends had real good luck at the White River Refuge. Jim Strebeck didn't see many squirrels in the Ozark National Forest in the Spring Lake area, but he reports all signs point to a good deer season in that area, so you deer hunters get ready. Jim has had a lot of fun this summer on the week-ends as a fishing guide at Lake Conway. A little late for fishing, but if any of you are interested, see Jim. Dan Morgan and his dad didn't have too much luck near Lonoke hunting recently, but Dan said he enjoyed being with his dad for the day.

We welcome Jim Penn to Bridge Design. Jim graduated from the University of Arkansas and, before moving back to Little Rock, was associated with McDonald-Douglas Corporation in St. Louis. I guess we can still call Jim a newlywed, he was married August 12. Lynn, his wife is from Kansas City. We are looking forward to meeting her soon. Happy to have you with us, Jim.

Wayne and Kay Major are the proud parents of a bouncing baby girl, Laurel Beth, born September 7 and weighed 6 pounds, 7 3/4 ounces. Wayne took a week's vacation after Kay's mother, from El Dorado, had been with them a week after Kay and Laurel came home from the hospital, and Wayne reports he is a good maid, cook, etc. We hope when Laurel gets a little older, Kay will bring her to the office for all of us to see.

Jim Matthews' daughter, Mary, is a freshman at Ouachita Baptist College. Mary was on the staff of the "Tiger" at Central High School, and is further pursuing her journalism interests at Ouachita, where she is on the staff of the school paper there. She is enjoying every minute of college life, but admits she misses being home with the rest of the family, just as the family misses Mary.



BUILDINGS AND GROUNDS

Hazel McKim

Bill Eason spent a week vacationing in Texas early in September had loads of fun visiting with friends and relatives there.

We extend our sympathies to Maebell Henderson on the loss of her son-in-law, Curtis A. Williams, who was killed in an automobile accident September 21, 1967.



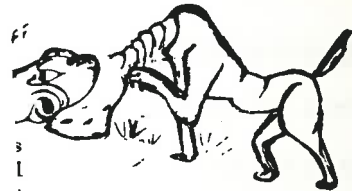
Kenneth W. Bell, son of Mary A. O'Curran, was married September 22, to the former Juanita Havniear. After a brief honeymoon at Hot Springs, they will reside at 4123 W. 21st St., Little Rock, Ark.



Mrs. Bennie Stephens

The bride attended Arkansas Baptist Medical Center School of Nursing and is now employed as a secretary with Occidental Life Insurance Company. Bennie is a former student of the University of Arkansas School of Architecture. The couple is at home in Winston Manor Apartments. Best wishes from all of us for a happy and prosperous future.

We leave you with this parting thought!
Woo-oo-Pig-Sooie-GO RAZORBACKS!!



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Condolences are also offered to James N. Dowell, another of our attorneys, and his family in the loss of his step-grandmother, Mrs. Laura E. Woolbright Parker of Phoenix, Ariz. and formerly of Dardanelle, Ark.

My son, Kerry, celebrated his seventh birthday on the 16th of September with a party the night before. Several of his friends attended and of course he received many presents. The highlight of the party was when my husband, Ernest gave all the kids a ride on our motorcycle. Our two really enjoy riding the motorcycle. Another birthday in my family was that of my husband, on September 6.

Jane Dowell, daughter of Attorney James N. Dowell, is a cheer leader at Central High where she is a senior. The Dowells' son, Jimmy, is a senior at Hendrix. He served as Youth Director of Trinity Methodist Church during the summer, and a group leader on freshman orientation at the beginning of the fall semester.

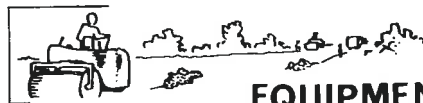


CONSTRUCTION

Luci Dishongh

Hurley Perkins has a brand new granddaughter, born September 18 to his daughter Lynda Gail and her husband, A. F. Wallace. The little lady has been named Susan Gail. Statistics include 6 pounds, 10 ounces; lots of black hair and a pug nose. The Wallaces live in Clarksdale, Miss. where he is the manager of a Firestone store.

The mutual birthdays of Gerry Kissire, Margaret Weathers, Neoma McAllister and yours truly was celebrated at Browning's recently with Uncle Fat as the gracious host. This has become a yearly affair for we ladies in Construction and good ole Uncle Fat always remembers when. Thanks again, Uncle Fat. (That's H. B. Matthews.)



EQUIPMENT AND CENTRAL SHOP

Tyronza Hines & Sue Fuller

Clyde Holmes and a cousin enjoyed touring the Hendrix College campus at Conway the weekend of October 1. Of special interest was the new library recently completed. This beautiful, modern structure is built completely underground. A lawn, with trees, grows above and a passer-by would never know that a two-story building was located underneath. It would certainly be worth a trip to Conway to see this unusual library.

Bennie and Jerry Robbins have now gone into the horse business. They recently acquired three and expect a new addition to the family next year. Bennie's two children are really enjoying the rides, feedings, and general care of these animals.

We were glad to have Maurice Head's wife visit with us recently.

I.M. Kibbe is sporting a new bright red Volkswagen. He and his wife drove



COUNTY PROGRAM

Barbara Oldham

Bennie Stephens, an engineering aide in our Division, was married September 16th in the Meadowcliff Baptist Church. The bride is Deborah Gail Lindsey daughter of Mr. and Mrs. Jack Welsey Lindsey, 5 Brookview Circle. Mr. and Mrs. J. B. Stephens, 7201 Grace Road, are parents of the bridegroom.

The ceremony was performed by Rev. R. B. Hoshaw, and the bride was given in marriage by her father. She wore a street-length dress of beige linen with sleeves of crocheted lace, and a white orchid. Attendants were Miss Sandra Lester and Charles Nixon.



Ride 'em, cowboy! Kerry and Melaina Porter, children of Joyce in the Legal Division, mount their bucking bronco, which in this case is a Honda. They're just posing, though, as both are a little shy of the age to obtain an operator's license.



Wanda Porter

Mr. & Mrs. Loy E. Porter of Jerusalem, Ark., announce the engagement of their daughter, Wanda Fay, to Jimmy Austin of Morrilton, the son of Mr. & Mrs. Darrell Austin, Jimmy works out of the District 8 office on a Survey crew. No definite wedding plans have been made as yet. (Wanda is the sister-in-law of this writer.)

I had a very nice surprise last month. My grandmother, Mrs. Manda Newland of Dennard, Ark., spent a week with me. This is something very unusual for her, as she and my grandfather own a grocery store in Dennard and they think that something disastrous would probably happen if they both left the store at the same time. Needless to say we were very glad to have her.



Faye Skinner



Oleta McClain

Two new secretaries have joined our ranks this month, Faye Skinner and Oleta McClain. Faye was formerly employed at the City Attorney's office. Her husband, Bill, is a mechanic with Peter Kiewit Construction Company. They have one daughter, Wanda Lou, 11, living at home.

She is a sixth grade student at Wakefield Elementary. Oleta McClain's husband, also named Bill, is employed by Continental Insurance Company. They have two sons; Doug, a sophomore at State College of Arkansas, and Jim who will be starting college at mid-term.

My family and I attended the annual Chicopee picnic at Burns Park a few weeks ago. My husband is a Chicopee employee. The children enjoyed free rides and gifts. We all enjoyed a lot of good food. A very nice time was had by all 200 to 300 who attended.

STORK NEWS: Mr. & Mrs. Gerald F. Reynolds of North Little Rock, are the proud parents of a new baby boy, Gerald Jr., born August 31. Mrs. Reynolds is the former Bobbi Steed who was a secretary in the Claims Section a few years ago.

We extend a Happy Birthday to the following who have birthdays in October... Doris Harper, Hazel Carraro and Hazel's daughter, Gloria, who was 11 years old October 24. Also belated birthday wishes to Phil Gowen, Art Dodrill, George Green and James N. Dowell whose birthdays were in September.

We missed Joe Gunter who has been on vacation for a couple of weeks. He said he didn't do anything or go anywhere except home to Cabot to visit with family and friends.

Betty Grimes was involved in an accident around the Mabelvale Cut-Off last month, in which she suffered a broken jaw. She spent several days in St. Vincent Infirmary but is back at work now. She lost control of her car when it ran off the road and into a ditch, striking a concrete culvert. We were very sorry to hear of her accident and injury. Betty has had more than her share of bad luck lately.

BIRTHDAYS FOR NOVEMBER... Happy Birthday to Virginia Tackett and Lee Allen.

The Arkansas Livestock Show is coming up soon and I hope everyone goes out and has a grand time. I know my family and I always do, but remember that there will be more and more cars on the roads and children running along streets in the vicinity of the Fair, so be careful and be sure to be back with us next month.



MAINTENANCE

Shirley Dunegan

School days are here again and we have two who are starting their first year in college. Wes Lowder, son of Maintenance Engineer Jim Lowder, is attending the University of Arkansas. Richard Livingston, son of Madge Livingston, radio operator, is studying at Hendrix in Conway.

Gerald Sisk, assistant maintenance engineer, received a beautiful picture for his office as a gift from his wife. If you happen by, stop and see it. It really adds to his office and he is a little proud of it.

Madge Livingston returned to our pleasant surroundings after a stay in St. Vincents Infirmary for surgery. May we say she looks very rested and recuperated.

I came across this little piece of information about Arkansas while reading. There are two towns in Arkansas with a population of only one, and four towns with a population of two.



Ray Taylor

Attention, Single Girls - Ray Taylor, 21, and recently discharged from the Army after serving one year and one day in Vietnam, is a new addition to the Radio staff. He lives with his parents at 2800 West 14th Street and will be working out of the Radio Shop and operating the radio on holidays. Welcome, Ray.

We of the division offer Jim and Ethel Lowder our deepest sympathy on the recent loss of her father.

More next month.



MATERIALS AND TESTS

Sibyl Maddox

Our congratulations to Jean Ellis, receptionist, and Norman Cobb, inspector; both received 5-year certificates and pins in September.

Lynn Hart, U.S. Army, son of Mr. and Mrs. Henry Hart, left October 2 for Vietnam. He has been stationed at Fort Hood, Texas.

Harmon Tullos, asphalt plant inspector, is sporting a new 1967 Chrysler.

Johnnie Dunbar, a former employee, paid us a visit recently. We are always glad to see old friends.

Ray Camp's wife, Ruth, is in Saline Memorial Hospital at Benton, recuperating from surgery.

Allan Holmes, materials engineer, attended a BPR workshop on swelling subgrade soils, in Denver, Colorado, September 19-21.

Mr. Schneider will leave October 15 to attend the annual AASHO meeting at Salt Lake City, Utah.

Several of us took advantage of the Labor Day weekend to make trips...Jean Ellis and friends flew to Biloxi and New Orleans...Kattie Brasel, Planning & Research, and Julia Halliburton enjoyed a trip to Heber Springs...C. F. Jones, inspector, and family motored to Six Flags...My family and several other couples spent three days camping at Shangrila on Lake Ouachita...We had a chilly weekend, but oh such fun roasting marshmallows at night, frying taters and onions, etc.

We were sorry to lose Ed Davis, one of our inspectors, who resigned recently. Jim Briley and wife motored to Fayetteville for the Tulsa-Razorback game. Couldn't you have yelled Pig Soocy just a little bit louder, Jim?

We have two new employees in the Basic Lab...Joe Henderson and Robert Bragg, Joe, a Materials and Tests Assistant II, is from Scranton, Arkansas and attended Arkansas Tech at Russellville... Robert, from Little Rock, is an Engineering Aide II. He attended Louisiana Tech at Rouston, Louisiana...Both are single.

THOUGHT FOR THE DAY...

Unless a man undertakes more than he possibly can do, he will never do all he can do.

—Henry Drummond —



PERSONNEL

Dorothy Lehman

Marie Hartley and her husband Tommy moved into their new home at #24 Rose-moor Drive in Lakeview Addition early in September and are enjoying all the newness of such a venture.

Fay Sullivan's son Danny was home for a visit in September. He is a freshman at State College of Arkansas at Conway. Fay is pleased that he likes college life so much.

My son Ronny was home the weekend of the Arkansas-Oklahoma game. Even though we wailed about the game loss, we thoroughly enjoyed his stay. We'll get to see him next when U of A meets Texas University here. And we are looking forward to the homecoming game at Fayetteville, a most colorful time on that campus.

Jan Commander, who worked here during the summer, surprised us with a visit the first week in October. She is now attending LRU after making a trip to California with her husband. She brought us fortune cookies and reports of exotic foods and wonderful sights to see whenever we do hit the jackpot! Frank Newsham has had beautiful weather for his game of golf. We understand he is quite a good bowler too.

Sibble Cox's daughter, Betty (known better to most of us as Puddin'), is engaged to be married to Timothy Patrick Daley on October 14. We'll have more about this at our next writing. Until then Happy Halloween!



P & R Staff



Neb Bingham

The Data Analysis Section gave N. Bingham (Neb) Bingham a party when he received his 20-yr. service awards, and his wife, Blanche, was on hand to join in. Peggy McFarlin, Legeina Kellar, and Ruby Crouse baked cakes and served punch for the occasion. It is always a pleasure to "pay tribute" to someone as nice as Neb. We hope he is here to get 40-year awards.

We have had several additions to the Division:



Genny Gunn

Miss Elizabeth Ann (Genny) Gunn new in the Research section. She recently graduated from Little Rock University with a B.S. degree in Marketing. Genny

has previously worked for Channel 4, and prior to coming with the Department she spent six weeks touring Europe. Her hobbies are riding horseback and learning to fly an airplane.

Other new employees, all in Data Collection, are Jimmie Allen Catton, Ralph D. Shelnett, and John T. Heard of Benton and Joe Gill Chamblee of Ward.

Chester H. Jester has been promoted to the Traffic Engineering Section, where he will be working with Jim Carvell in traffic operations. Chester was previously assigned to the Data Collection Section and has been with the Department for three-and-a-half years.

Newest excuse for a typing error — one of the gals claims her earring fell off and punched a key.

J. C. and Eleanor Longcoy vacationed along the Gulf, paying a visit to their son and his family along the way, and came back suntanned.

Larry Johnson has returned from his trip to California. For the benefit of all World War II veterans, Bradleys in San Diego is still quite active. However, being a member of a later generation, he checked out some of the newer places and his primary comment was Wow!

Among those attending the Razorback-O.S.U. game were Larry and Marcie Johnson, Stuart and Eleanor Pattillo, Charles and Bennie Parsons, and Dodson and Marjie Leonard. Dodson says that with 53,000 people at this game, he was the only one to have the distinction of parking in an abandoned well-shaft; and he parked where directed. Lucky he and Marjie went at 5:30 to get a good place, taking their lunch — it took five people to lift his car out.

The P&R Mapping Bowling Team is way out front — they have won 11 of the 12 games played.

Those well-known P&R golfers — Larry Johnson, Lester Jester, Neb Bingham, and Mayo White — "took on" the Benton Long Hills Golf Course Saturday. They reported that someone hit into the woods on every hole — even on the holes where there weren't any woods. They said that a great time was had by all, but they were certainly a tired group after 18 holes.

Edith Garland recently underwent surgery but is out of the hospital and feeling better. She has been much missed at the office. We are glad to say that Sharon Pelley, who was ill for part of the same time, is back with us now. We hear that Chester Willis' wife, who has been ill, is greatly improved.

Phil Watts, of Data Collection, left to accept a position with A.O. Smith and Company. Phyllis Munnerlyn, who resigned, is working as a statistician at Metroplan now.

We extend our sincere sympathies to: June and Buddy Lewter on the loss of her mother, Mrs. Euda Fricks of Saratoga; and Leo L. Biggs, who lost his sister recently.



RIGHT OF WAY

Right-of-Way Staff



Donna Barbee, former secretary for W. D. Luton of Acquisition, is now Mr. Hewitt's secretary.



Carolyn West transferred from Traffic Services to Right of Way and is Mr. Luton's secretary.

ADMINISTRATIVE SECTION: On the week-end of September 29, Gip I. Robertson, A.C. Ledbetter and Nathan Garrett of our section and Glendol Jackson of the Engineering Section went on a two-day fishing excursion. They camped on White River and if the temperature was 40° here, it was 30° there! THAT IS COLD! A.C. said he failed to take his long handles, but that Nathan and Glendol supplied enough warm air with their snoring to keep them all warm.

Richard Andry is driving a new Opel, purchased in late September. It is white with red interior. Richard says it won't go over 80 m.p.h., but that is fast enough for him.

What a shame that we can't all have a vacation as exciting as Linda Young's.

First of all, she received a beautiful engagement ring from Ronnie Ramsey of Bearden. He has been stationed in Colorado in the Air Force. Secondly, they have learned that he will soon be stationed in Florida, which is much closer to Arkansas than Colorado. They have not announced a wedding date, but judging from the stars in her eyes, it can't be far. Gip says there will be no more vacations for her!

Jimmy Giles and family journeyed to El Dorado for a visit with relatives on a recent weekend. He reported a great trip and lots of pretty scenery.

ENGINEERING SECTION: Carl Keehn and wife Janie spent a week visiting his parents in Wisconsin. On the return trip they visited friends in Missouri.

Squirrel hunters in our Section include Glendol Jackson, Herman Schmidt and Neil Gibbs. According to reports received, they've had good luck.

Strep throat has Paul Broyles on the sick list. I'm sure that Paul will miss us so much he will make a speedy recovery and be back with us in a few days.

UTILITIES SECTION — With the exception of a few weekend trips, the vacation trips of our employees have come to a halt. Most of us are now concentrating on the football season and the approaching World Series.

Jim and Wynona Bartlett spent Labor Day weekend visiting his brother and family in St. Louis. While there they went to see the Cardinals and Houston play at the new Bush Stadium. Jim is the only one of our gang who reported any extracurricular activities for that weekend; however, Doug and Marilyn Thacker did spend a couple of days touring the Ozarks later on in the month.

APPRAISAL SECTION — Walker Watson is the proud owner of a new 1967 Chrysler. It is white with blue interior and very pretty.

ACQUISITION: All new employees of Right of Way wish to take this opportunity to welcome Mr. Otha Hewitt as our new boss.

L.M. Elledge, property manager in the Acquisition section spent his vacation the first week in September visiting his son and family in Richmond, Va.



ROADWAY DESIGN

Virginia Ashlin

Arlo Waggoner has resigned to accept employment with the Arkansas Foundry Company. He was presented a watch at a party held in his honor the afternoon of September 28. We hate to see Arlo leave but we wish him much luck in his new job.

Delbert Vanlandingham, will leave us October 15 for employment with Phillips Engineering Company. We honored him with cake and coffee Friday, October 6 and presented him a watch, also, as a going-away gift. Delbert's father sustained painful injuries in a fall from a rooftop September 22 and is still hospitalized at Pine Bluff. We wish him a speedy recovery.

Mrs. Linda Nichols, wife of Brooks Nichols, was in St. Vincent's Infirmary for some tests, but we're happy to report she is home again now.



Sign Shop boss, H. M. Stuebener, with his birthday cake. We helped him celebrate the 3rd of September.

Boss Howard Stuebener, Frank Blalock, James Mellard and two men from Ola went on a camping trip the weekend of September 15, their purpose being to hunt squirrels and doves. But no matter how I tried, I couldn't get either Howard or Frank to say exactly how many squirrels they got. Howard took his camper to sleep in and fought a pesky mosquito half the night before he realized the "buzz" he heard was coming from his watch.

Guess everyone has heard about the Razorback defeat the 23rd. Let's hope by the time this is published we have at least one win under our belt. (I'll hope with you, since I heard something about a defeat just like it on the 30th and the hue and cry of some to "Eat more pork!" is getting louder. Ed.)

TRAFFIC SERVICES

Lou Net Rickett

A going-away coffee was held September 15 for James Woodson who will be studying at the University for two semesters. The cake was decorated in yellow and Carolyn provided a lovely table, with gold cloth, plates and napkins. Jim was presented a statue of "The Thinker". Ask Bo-James if the statue was heavy.

Speaking of Bo-James, I wondered out loud why James Mellard was called Bo-James. I was told it was to distinguish James Mellard from James Woodson. I can't help but think a girl started that and spelled it BEAU instead of Bo.

Brenda McRaven returned to work October 2 after being off since August 2 recovering from injuries received in two automobile accidents, one that day and one a few days earlier on July 14. Julia Hopkins helped in Mr. Hewitt's office a couple of days and, I can tell you, we surely did miss her over here in the Sign Shop.

This autumn weather has given several of us the flu or colds. Frank Blalock has had the flu and Albert Ellison has been off sick. Diane Ferguson was off with the flu and nearly everyone at one time or another has had the sneezes or sniffles. I read somewhere, don't ask where, that medical authorities expect the number of flu cases to be heavy this coming year since there were comparatively few last year.

Sharry Simpson was by to visit us September 22. She had her hair back to it's natural color (or was it from the the natural color). Anyway, it was brown, and it was pretty.

DISTRICT 2

Leslie Long

We miss the summer employees who have now returned to school. Those who have deserted us for the halls of learning are Herschell Phillips, from the Stock Room; Charles Rickles, Jr. of Whitehall who helped in the shop and did odd jobs around the office; William A. Spratlin, Jr. of Dermott, engineering aide, Billy D. Rodgers, John P. Sumner, Jr., Larry E. Bayliss and Donald R. Ault, all from the McGehee residency; Steven Charles Moss, James Michael Crass and Jerry Franklin Smith from the Monticello residency; and Janice Velma Orrick who was employed in Resident Engineer L. K. Howell's office at DeWitt for the second summer. She is a student at the University of Arkansas.

Herschel Phillips is in his second year at A & M College at Monticello. He

has already completed two years at Henderson College and two years' training in ROTC. He is a member of Phi Lambda Chi fraternity and will likely see some military service in the near future. Herschel worked one summer at the Jefferson County area headquarters and this made his second summer in the District headquarters stock room. He is a member of Matthews Memorial Baptist Church of Pine Bluff where he teaches a class of 15-year old boys. Other interests include softball, raising beagle hounds, fishing, camping and water skiing. He is married and wife Linda is a secretary for Arkansas Power and Light. Selma baked one of her special cakes for his send-off.

Charles is a freshman at the University of Arkansas and expects to major in electrical engineering. He is a member of Lakeside Methodist Church of Pine Bluff where he sings in the choir. He enjoys reading and swimming.

Spratlin, a senior in civil engineering at the University, has completed his degree requirements this year.

Moss, Crass, Smith, Rodgers, Sumner, Bayliss and Ault are all students at A & M.

Those who received service awards in September were Curtis Eugene Woodfield, engineering aide, District 2 headquarters, and Guy Murvin Crook, truck driver with the Cleveland County crew, 15-yrs. each; and Howard D. Green, truck driver with the Lincoln County crew and James Everett Cockrell, distributor operator with the sealing crew, 20-yrs. each.

NEWS from DESHA County - Mr. and Mrs. Jerry Burch are the proud parents of a seven pound, twelve and one half ounce baby girl, named Sonda Kay, born August 30.

While mowing right of way, mower operator Melvin Hare, found \$25.00 and truck driver Johnny Yelvington, researched the area and found \$5.00. Needless to say, that aroused much interest in their work. (Where do we go to put in our application for mower operator?)



Mr. and Mrs. Joe T. Akin whose wedding we noted last month. Joe is an engineering aide in Resident Engineer George Karnes' office at Monticello. His bride is the former Barbara Jean Paschall. She is a member of the faculty of Monticello High School.

James Minchew and friends spent a night of fishing on the Arkansas River below Yancopin. They caught enough for a good fish supper.

Paul Barley and family took his mother and dad to New Orleans to visit his brother. Also went to Gulfport, Miss. and swam in the Gulf, and travelled back through Vicksburg for a tour of the battleground. They enjoyed the trip very much. (Thank you, Desha County.)



DISTRICT



The Informers

From the number of sweaters that have appeared around our office, one would think Winter is here instead of Fall! Hope the record-breaking lows we are having is not a sign that we are in for a long, hard one.

Our new building-remodeling job is coming right along. The office grapevine has it that by the time this issue is off the press the Stock Room will be in new quarters.

We would like to share with you the pride Columbus and Mary Nell Dalmut have in their son-in-law, Sgt. James Frye, who was selected Soldier of the Month in the Fourth Army for the month of September. Sgt. Frye has been wounded twice in Vietnam. Presently he is an instructor at Fort Polk, La. Columbus is area foreman of Sebastian County with headquarters at Greenwood. He and Mary Nell live in Hartford. They also have a son in the Air Force of whom they're equally proud.

Former employees Bud Durbin and Kenneth Flesher came in to see their old buddies one day. They were both mechanics at the District shop before leaving for other endeavors.

F. L. Stovall came up to see us for the first time since his retirement. Since he came on "payroll day", it really seemed like old times. "Red" was area foreman in Montgomery County before he retired.

Although T. O. Snow has been area foreman for Montgomery County since July 16, 1967, he has not been properly introduced. Talmadge, better known as Tad, has been with the Department 16 years. He is a member of the Masonic Lodge at Mt. Ida, and is child welfare officer of the American Legion Post 313 at Pencil Bluff. He likes to fish and hunt, especially deer. Tad and his wife, Cynthia, and their daughter, Carolyn, live in Oden where they are members of the Methodist Church. Carolyn is a junior at the University of Arkansas in Fayetteville.

Barney McCright of Right-of-Way Acquisition in Little Rock stopped in just long enough to say hello one day. Radio Chief Clarence Page and Safety Officer Roland Humble have paid us brief

visits. V. A. Fulmer, Jr. of the Accounting Division stayed with us a few days for a sort of "prelim" look before he comes to stay awhile. The Districts that are already mechanized will know what I mean - the ones that are not will learn in due time.

Ralph Davison, Logan County mower operator suffered a heart attack August 15. He is much improved but still unable to return to work as of September 30. We hope he is able to be back on the job soon. L. D. Adair, mower operator, also on the Logan County crew is off work with an injury suffered September 15. We have been told he might possibly have to be off work another two months. Also on the recuperating list is Burl Richmond, mower operator with the Scott County crew, who underwent surgery at Sparks Hospital in Fort Smith the latter part of August.

Congratulations to Wilburn Cagle; Montgomery County patrol operator, on his recent marriage to Wanda Jean Prince.

We mentioned last month that District Bookkeeper Emily Rogers' daughter and grandson were visiting from San Francisco, Calif. What we didn't know at the time were the "rush" trips taken during their three weeks here. The first week-end they went to Tulsa to see Emily's mother; the second week-end they visited Son No. Two at Little Rock; and the third week-end they went to Houston to see Son No. One. While there they saw the Houston Astros in action. Since the Astros won, they had the pleasure of seeing all the fireworks on the Astrodomes' fabulous scoreboard. Emily reports the scoreboard was more fun to watch than the ball game, but nothing was as much fun as having all three of her grandchildren together for the first time in two years!!!

E. E. Pierce and his wife vacationed at Phoenix, Ari., and the Grand Canyon this year. They visited relatives and fished at Jacobs' Lake, on the Arizona-Utah State Line.

S. R. Cope and wife spent their vacation at Wichita and Atchison, Kansas visiting relatives. Cope said he also got in a little fishing but didn't have much luck. Rained most of the time they were there. "Cope" is assistant foreman at the District shop.

Carl E. Winn, highway foreman, (or does job superintendent sound more familiar?) is on sick leave at the present time. He's been through the hospital for a check-up and is taking it easy for a while. Hope whatever is wrong does not keep him away too long.

Jack Coleman, resident engineer at Alma, has moved into the home he recently purchased in Fort Smith. If it's as nice on the interior as it is from the exterior, it's a mighty nice place. (Hint-hint. Jack).

Service awards for the month went to: J. C. Wingfield, Logan County foreman, 20-yrs.; Ramey Medlock, mower operator on the Franklin County (Ozark) crew, 15-yrs.; E. E. Pierce, District-wide crane

operator who lives in Mena, 10-yrs. and Bobby Joe Walker, District-wide bridge carpenter, who lives at Ozark, 5-yrs.

We take this means of expressing our deepest sympathy to Wilma Sue Barnett in the death of her father. Wilma is the secretary in the Resident Engineer's office at Alma.



DISTRICT



Burnham & Campbell

Congratulations to Norman Dean Pumphrey, resident engineer at Camden, who was presented his 15-yr. service award. His engineering aide, Eddie Abraham Beasley, also received a 15-yr. award in August. Maintenance awards were presented to James Melvin Garrison, 10-yrs.; and Jerry Edwin Mays and Donald Earl Cole, each received 5-yr. awards. We are proud of these men.

Gene Naugle, civil engineer at Camden, has returned to work after undergoing major surgery. Good to have you back with us, Gene. Charles Rampley, engineering aide with Norman Pumphrey, and family enjoyed a vacation to Six Flags over Texas. Charles' son, Bill, fell from a tree and spent several days in the hospital, but is back at school now as though nothing had happened.

J. C. Webb, civil engineer at Camden, is bursting with pleasure over the arrival of another new grandson to take squirrel hunting in the future. The Webb's daughter, Mary, in Port Arthur, Texas is the proud mother.

Congratulations to Hugh Anderson, equipment supervisor, on receiving his 25-yr. pin. Maintenance employees had an office party September 28, and presented Hugh a radio. Mrs. Anderson was more nervous than Hugh Anderson in all the activities. She got up several years at 4:00 A.M. preparing lunch and breakfast for him, so congratulations are in order for Mrs. Anderson.

Mildred Russ is all smiles today. Her husband, John is out of the hospital. He broke a leg while squirrel hunting the first of the season. John had quite a time since he was so far back in the woods that about six hours elapsed before he got to the hospital. All is well now and he is planning toward how he can be hoisted up in a tree to sit on a deer stand.

We extend sympathies to the family of James Rubin Clemons, who died of a cerebral tumor September 13. Clemons was an engineering aide for James B. Williamson at El Dorado.





DISTRICT



Shirley Morton



Our area foreman of the month is Ira Dodson of Newton County. He has been with the Department since April 23, 1945, working at different intervals as a truck driver and motor patrol operator

until being re-employed on a full-time basis August 1, 1954. He has been area foreman since February 1, 1960.

Dodson is responsible for maintenance of approximately 192 miles of roads (100 miles of which are unimproved) in the county. A part of Highway 7, which has been voted one of the ten most scenic highways in America, and several other colorful routes in the Ozarks are in Newton County.

Dodson and his twin sister were born at Bass, and with the exception of a 10-year residence in Harrison in neighboring Boone County, he has spent all his life in Newton County. He and his family are now enjoying a new home located on an 18-acre tract on Highway 74 near Jasper.

Ira attended Dodson School, situated in a community named for his ancestors, completing his high school education in 1926. He and the former Gladys McCutcheon were married in 1928. They have three children, two of whom reside in Kansas City, Mo. The youngest, David, is a senior at Mt. Judea High School. The Dodsons are very proud of their family which includes four lively grandchildren.

In the past Ira has owned many acres of land in the county where he farmed and raised cattle. He was also in the grocery business for a time.

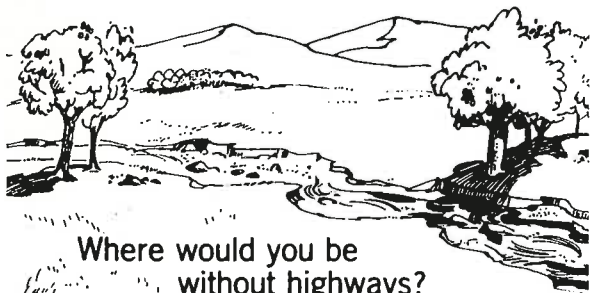
He has had access to nature's wonder-

land all of his life, exploring the hills and woodlands for wild game and the beautiful Buffalo River where he has spent many exciting days catching bass. He is an avid deer hunter and has been fortunate and skilled enough to kill his limit each season. Last year, he bagged a 10-point buck. A large walk-in closet in his new home is filled with hunting and fishing equipment and he needs no encouragement to indulge in his favorite hobbies. During one of his hunting expeditions, Ira tangled with a wild cat and some say he still carries scars from that episode!

Edris and Joy Braswell are the very proud parents of a darling baby girl, Carolyn Luann, who arrived September 6 and weighed six pounds. We were thrilled to have Edris and little Carol visit the office recently and all agreed she is a doll! Edris plans to return to work in December.

Mr. and Mrs. Robert Wood flew from Springfield, Mo. to Booster, Wash. for a two-week vacation with their two sons and their families. They also enjoyed a tour of the exhibits at the site of the Seattle World's Fair. Robert is a truck driver in Marion County.

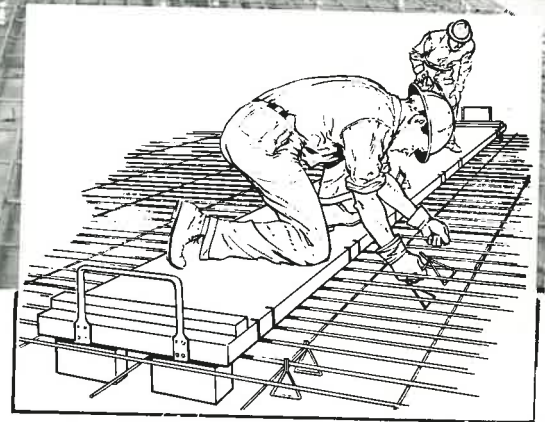
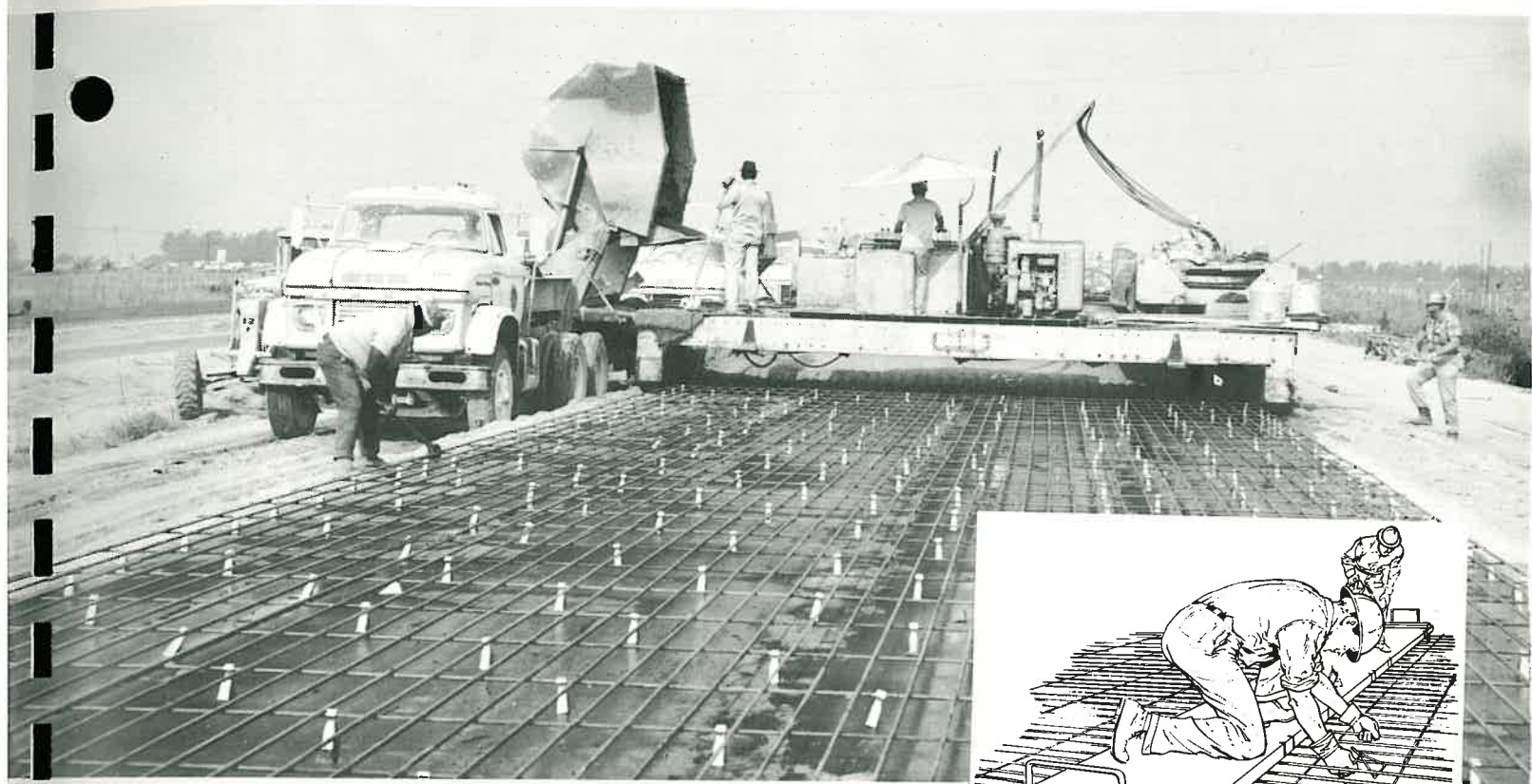
We are happy to report that Alton Farley, assistant maintenance superintendent at Springdale, has returned to work after surgery and several weeks' confinement in a Fayetteville hospital.



**PEOPLE NEED CARS . . .
CARS NEED HIGHWAYS**



"I can take only one of you to the convention with me this year . . . so Tom, Fred, George, Charley . . . I'm depending on you to run the office."



ARKANSAS' FIRST SLIP FORM PAVING JOB

The concrete spreader takes a truck-load-size bite and spreads it across the roadbed through reinforcing bars supported by mat chairs on the eight-mile section of I-40 from the Highway 75 interchange to Shearerville in St. Francis County.

Workmen place the reinforcing steel (mesh, as they call it) on the ground and insert the chairs as in the sketch above some two or three miles ahead of the paver. The paver follows closely behind the spreader and moves rapidly, so the mesh has to be in place some distance ahead in order not to slow down the paving process.

The spreader operator must have considerable skill and experience in order to keep the flow of concrete at the proper level to avoid depressions and excessive buildup.

Austin Road Company and Worth Construction Company, both Dallas, Texas firms, are joint contractors on the job which is expected to be open to traffic by the end of the construction season this fall. Surfacing has now been completed but other work remains to be done. V. H. Shassere is the resident engineer for the Highway Department.

... The yellow "no passing" line on the highway means that your forward vision is restricted to less than 1,000 feet!

HIGHWAY DAMES

By Jo Nell Moore

The Arkansas Highway Dames met for a luncheon in the Department cafeteria on September 28. After lunch we moved to the auditorium where Mrs. Bobbie Moore, president, conducted the business meeting. Several new members and visitors were introduced and welcomed. The program was a double feature of the 1966 and 1967 Highway films shown by Johnnie Gray, staff photographer. It was hard to choose a favorite because they are both excellent movies.

The November meeting will be on Wednesday, the 15th at 10:30 a.m. It will be a catered luncheon (\$1.35) at Pulaski Heights Bank. The program will be hair fashions and cosmetics presented by J. E.'s Hair Fashions. Hostesses for the meeting will be Mrs. Lillian Lee and Mrs. Yvonne Mulhollen.

Writer Ogden Nash's parody on Joyce Kilmer's "Trees":

I think that I shall never see —
A billboard as lovely as a tree.

PRESSURE METER INNOVATION TO ROAD BUILDERS

The instrument shown in the photograph is called a pressure meter. It operates on the principle of Boyle's Law which states that for a given constant temperature, the volume of a gas varies inversely with the pressure.

A known volume of fresh concrete is put in the lower chamber of the meter and the upper chamber is filled with water to the zero mark of the volume gauge. Air pressure to a calibrated amount (which has been previously established) is applied, compressing the air entrained in the concrete. The difference in volume is read on the volume gauge. When small correction factor is subtracted, the result is the percent of entrained air.

To meet specifications requiring 3%–5% air in paving concrete, an air entraining agent (a kind of soap) is added to the mix which forces the formation of air into microscopic bubbles, 30,000–50,000 per cubic centimeter.

The reason for adding air to the concrete is to prevent surface scaling from the action of frost and chemicals such as salt and calcium chloride which are used to melt snow and ice. The bubbles in the hardened concrete form millions of tiny pockets to allow room for the crystals of salt or ice to expand without breaking the concrete.

It seems that the air in the concrete would reduce its strength, but actually it makes the concrete more workable with less water.



Rick Matthews worked on the job as a summer employee. Here he makes a air content test to determine the amount of air mixed with concrete. Matthews, of West Memphis, has now resumed his studies at Arkansas State University in Jonesboro.

LETTERS

October 12, 1967

Mr. Bert Rownd
District Engineer
P. O. Box 4015
Asher Station
Little Rock, Arkansas

Dear Mr. Rownd:

We would like to express our appreciation for the work which has been done on State Highway 338.

The men did a very good job of clearing the right of way. It has certainly improved the looks and most of all, it has made it much easier to see the children and different vehicles around Fuller School. The weeds and brush were grown up to where it was rather dangerous.

Thank you also for starting to remove the ripples (or bumps) which have been a problem for a long time on this highway.

We sincerely appreciate all the work that you have done on this highway.

Sincerely,

Horace A. Illing
Lue D. Illing

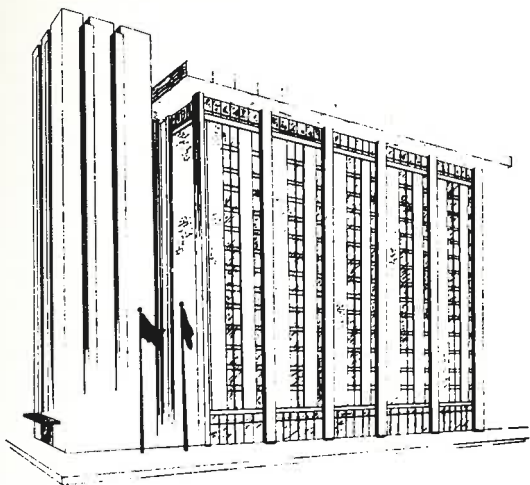
Illing Bus Lines, Inc.

(Paul Griffith is the area foreman for the Little Rock area under whose immediate supervision the work was done. Ed.)

SPECIAL BRACELET CAN STOP VEHICLE IF DRIVER UNFIT

Belgian researchers have developed a bracelet that can slow down a car and bring it to a standstill if the driver is not fit to be at the wheel. The device monitors the wearer's pulse and perspiration and then feeds electronic signals along a cable to a control box just below the dashboard. Nothing happens as long as the driver's physical condition remains normal.

However, if he became tired or ill, changes in his pulse rate and perspiration are noted and the control box begins to put out warnings. First a light blinks, followed by a warning whistle. The gasoline supply to the engine is cut off. Once the car has stopped, the driver can't start it again unless he takes the bracelet off.



Thistle
Kill Ya!



ARKANSAS HIGHWAYS

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and other information

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THE COMMISSION

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We have one of these new, all-electric homes — everything in it is charged.

.....

First Lawyer: "You are a low down cheat."
 Second Lawyer: "You are an unmitigated liar."
 Judge (rapping): "Now that the attorneys have identified each other we shall proceed with the case."

.....

"Thirty-five hamburgers, please," ordered the teenager.
 "How many?" asked the man at the counter.
 "Thirty-five," repeated the teenager. "But don't worry! I'm not going to eat them all myself, I have four friends outside."

.....

A golfer hit a new ball into the lake, another new ball out of bounds onto a highway, and another new ball into the woods.
 "Why don't you use an old ball?" said the caddy.
 Replied the golfer sadly, "I've never had an old ball."

.....

It's funny that a woman who can spot a blond hair on your coat at ten spaces can't see a pair of garage doors.

.....

Life isn't a bowl of cherries, says Arnold Glasow; it's a bunch of raisins. Raisin' heck, raisin' kids, raisin' taxes, raisin' money.

.....

The reason one man has stayed a bachelor so long is because every time he looks at the TV he knows at least 60 million women are anemic, have stringy hair, large pores, are overweight and have rough hands.

.....

Marriage is the only sport where the animal that gets caught has to buy the license.

.....

The professor didn't like the way the students kept looking at the classroom clock, so he adorned it with the following sign: "Time will pass — But Will You?"

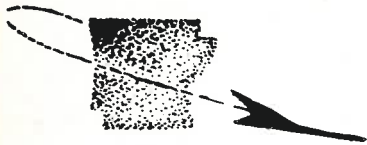
.....

There was an old woman who lived in a shoe. She had so many children her welfare check came to \$4,892.

.....

Salesman: "I've been trying to see you for a week. When may I have an appointment?"
 Executive: "Make a date with my secretary."
 Salesman: "I did, and we had a swell time, but I still want to see you."

.....



ARKANSAS STATE HIGHWAY DEPARTMENT

P.O. Box 2261 Little Rock, Ark. 72203

RETURN POSTAGE GUARANTEED



Ohio Interchanger



The City of Little Rock has its own way of supporting the Razorbacks. By agreement with the Highway Department, these "GO HOGS, GO" signs are posted on the Highway Department sign posts at the city limits, as well as within the city, directing fans to the stadium. The City officials even had the signs refaced to read "GO INDIANS, GO" the week preceding Arkansas State University's game with the Citadel here October 7.

Cover: Some difficulty was experienced in gaining firm bearings in which to sink pilings for a new bridge over little Tyronza River on Highway 77 between Denwood and Bondsville in Mississippi County. Pier construction has now been completed and decking is being poured for the 350-ft. long structure. Moro, Inc. of Warren, Ark. is the contractor. J. M. Garrett is the resident engineer for the Highway Department.